

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042845.D
 Acq On : 16 Sep 2019 12:08
 Operator : HP/JU
 Sample : PB123104BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123104BS

Manual Integrations
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 9/17/2019 1:26:37 PM

Quant Time: Sep 17 02:12:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	71829	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	307984	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	228114	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	595617	20.00	ng	0.00
76) Chrysene-d12	21.76	240	612101	20.00	ng	0.00
87) Perylene-d12	25.03	264	620152	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.69	112	534171	129.29	ng	0.00
7) Phenol-d6	7.27	99	762372	128.56	ng	0.00
23) Nitrobenzene-d5	9.28	82	436279	73.75	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	393491	129.66	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1017684	70.62	ng	0.00
79) Terphenyl-d14	20.09	244	2008435	72.72	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.58	88	71264	37.795	ng	98
3) Pyridine	3.98	79	179852	31.680	ng	95
4) n-Nitrosodimethylamine	3.89	42	104922	37.981	ng	94
6) Aniline	7.44	93	276424	34.549	ng	97
8) 2-Chlorophenol	7.68	128	215990	48.363	ng	96
9) Benzaldehyde	7.25	77	132839	34.423	ng	89
10) Phenol	7.30	94	304239	50.026	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	204769	43.872	ng	97
12) 1,3-Dichlorobenzene	8.01	146	220699	40.517	ng	97
13) 1,4-Dichlorobenzene	8.15	146	224556	41.176	ng	99
14) 1,2-Dichlorobenzene	8.48	146	212676	40.968	ng	100
15) Benzyl Alcohol	8.35	79	235299	46.235	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	384938	37.556	ng	99
17) 2-Methylphenol	8.55	107	197959	48.655	ng	97
18) Hexachloroethane	9.21	117	80170	39.819	ng	91
19) n-Nitroso-di-n-propylamine	8.92	70	188321	43.097	ng	96
20) 3+4-Methylphenols	8.88	107	281827	50.250	ng	98
22) Acetophenone	8.94	105	330639	42.508	ng	97
24) Nitrobenzene	9.32	77	272002	43.805	ng	97
25) Isophorone	9.85	82	520202	42.188	ng	98
26) 2-Nitrophenol	10.03	139	120410	49.314	ng	94
27) 2,4-Dimethylphenol	10.09	122	225050	52.105	ng	96
28) bis(2-Chloroethoxy)methane	10.32	93	296283	43.086	ng	99
29) 2,4-Dichlorophenol	10.57	162	242044	48.224	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	245307	40.031	ng	97
31) Naphthalene	10.98	128	657750	43.255	ng	99
32) Benzoic acid	10.21	122	151312	43.896	ng	93
33) 4-Chloroaniline	11.07	127	208167	29.289	ng	99
34) Hexachlorobutadiene	11.27	225	159938	37.252	ng	97
35) Caprolactam	11.84	113	95787m	51.321	ng	
36) 4-Chloro-3-methylphenol	12.18	107	271931	49.899	ng	98
37) 2-Methylnaphthalene	12.58	142	500086	43.903	ng	97
38) 1-Methylnaphthalene	12.80	142	477929	44.735	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	305782	40.566	ng	99

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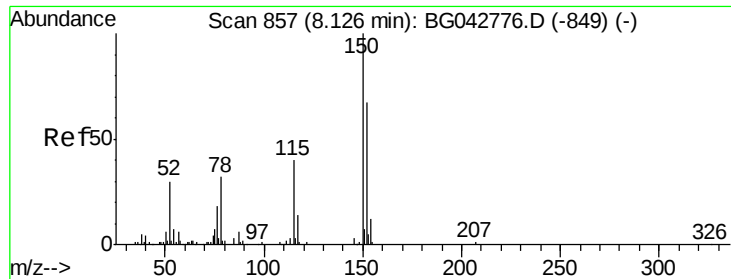
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Quant Time: Sep 17 02:12:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 12 14:06:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	368773	85.398	nq	96
43) 2,4,6-Trichlorophenol	13.17	196	227030	45.240	nq	96
44) 2,4,5-Trichlorophenol	13.24	196	249433	48.525	nq	97
46) 1,1'-Biphenyl	13.58	154	677298	42.412	nq	98
47) 2-Chloronaphthalene	13.62	162	534030	40.425	nq	99
48) 2-Nitroaniline	13.81	65	207405	45.259	nq	95
49) Acenaphthylene	14.46	152	887275	43.951	nq	98
50) Dimethylphthalate	14.19	163	746076	43.659	nq	99
51) 2,6-Dinitrotoluene	14.30	165	173545	49.494	nq	94
52) Acenaphthene	14.80	154	642616	48.725	nq	98
53) 3-Nitroaniline	14.63	138	135072	34.323	nq	98
54) 2,4-Dinitrophenol	14.83	184	190985	110.641	nq	# 71
55) Dibenzofuran	15.13	168	864417	44.095	nq	99
56) 4-Nitrophenol	14.93	139	325528	106.985	nq	94
57) 2,4-Dinitrotoluene	15.09	165	249314	53.343	nq	# 94
58) Fluorene	15.78	166	735481	45.270	nq	96
59) 2,3,4,6-Tetrachlorophenol	15.36	232	249133	49.997	nq	99
60) Diethylphthalate	15.55	149	776157	44.745	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	409919	42.673	nq	98
62) 4-Nitroaniline	15.79	138	204944	48.314	nq	98
63) Azobenzene	16.07	77	748130	44.788	nq	98
65) 4,6-Dinitro-2-methylphenol	15.85	198	137822	54.079	nq	98
66) n-Nitrosodiphenylamine	15.99	169	673570	42.026	nq	98
67) 4-Bromophenyl-phenylether	16.67	248	282056	39.125	nq	99
68) Hexachlorobenzene	16.79	284	293764	38.135	nq	98
69) Atrazine	16.93	200	274188	49.126	nq	98
70) Pentachlorophenol	17.13	266	429493	93.986	nq	96
71) Phenanthrene	17.52	178	1222652	42.923	nq	99
72) Anthracene	17.61	178	1237328	43.479	nq	99
73) Carbazole	17.88	167	1210645	44.759	nq	96
74) Di-n-butylphthalate	18.44	149	1385907	42.774	nq	99
75) Fluoranthene	19.53	202	1625734	44.038	nq	98
77) Benzidine	19.69	184	648574	37.925	nq	99
78) Pyrene	19.89	202	1656039	43.214	nq	98
80) Butylbenzylphthalate	20.77	149	657670	42.405	nq	97
81) Benzo(a)anthracene	21.74	228	1616008	41.523	nq	97
82) 3,3'-Dichlorobenzidine	21.65	252	510851	33.777	nq	98
83) Chrysene	21.81	228	1552791	42.122	nq	98
84) Bis(2-ethylhexyl)phthalate	21.66	149	895806	42.273	nq	# 99
85) Di-n-octyl phthalate	22.90	149	1523022	42.159	nq	98
86) Indeno(1,2,3-cd)pyrene	28.77	276	1891595	41.435	nq	# 93
88) Benzo(b)fluoranthene	23.99	252	1673125	45.947	nq	98
89) Benzo(k)fluoranthene	24.07	252	1591274	46.261	nq	98
90) Benzo(a)pyrene	24.88	252	1623731	47.621	nq	99
91) Dibenzo(a,h)anthracene	28.85	278	1572357	46.886	nq	100
92) Benzo(g,h,i)perylene	29.95	276	1574866	48.145	nq	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

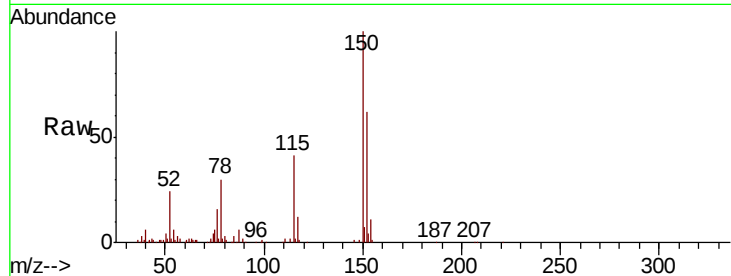
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Instrument :
BNA_G
ClientSampleId :
PB123104BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	118.9	178.3
115	65.8	47.4	71.2

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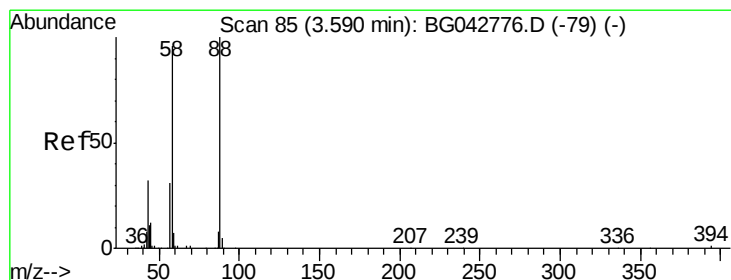
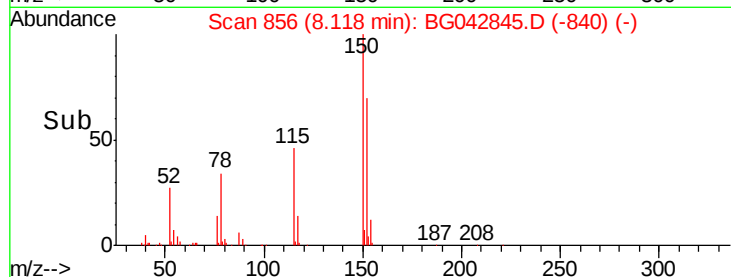
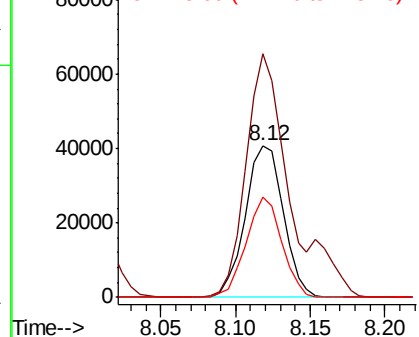


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

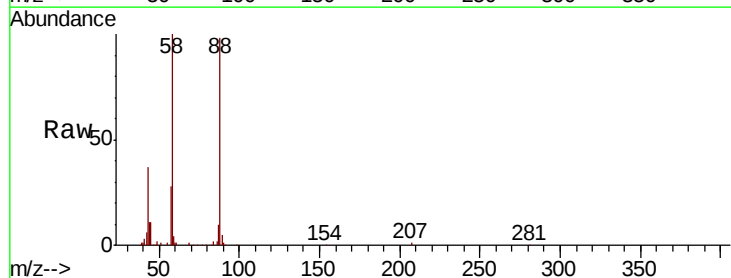
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 37.795 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	99.9	79.1	118.7
43	35.5	30.4	45.6

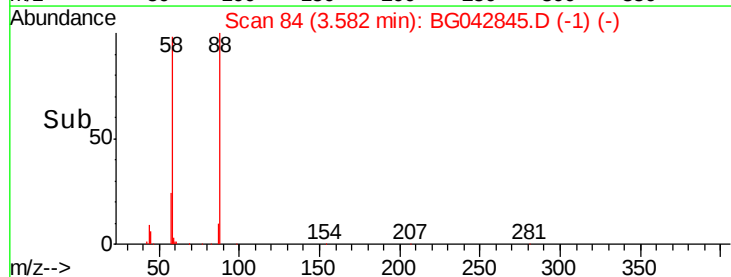
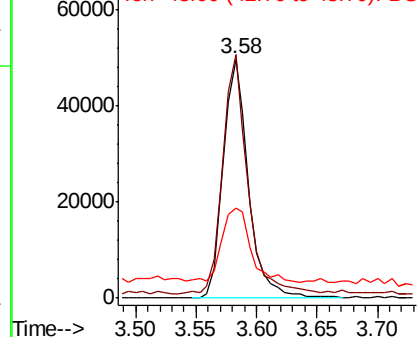


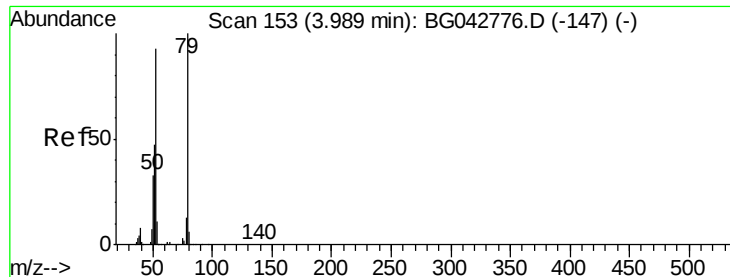
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.680 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

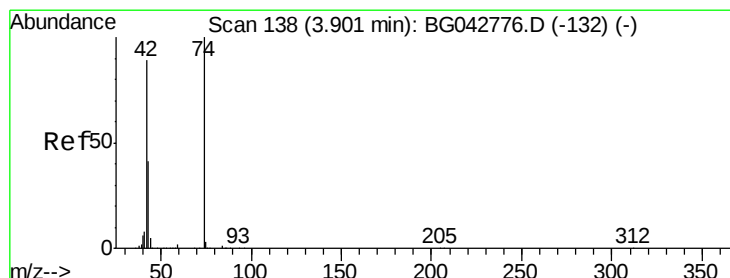
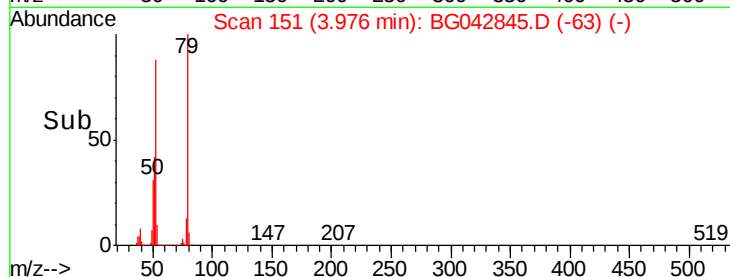
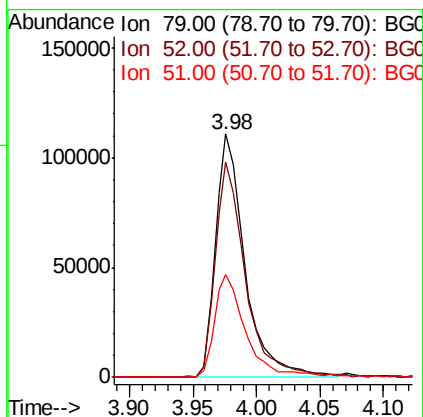
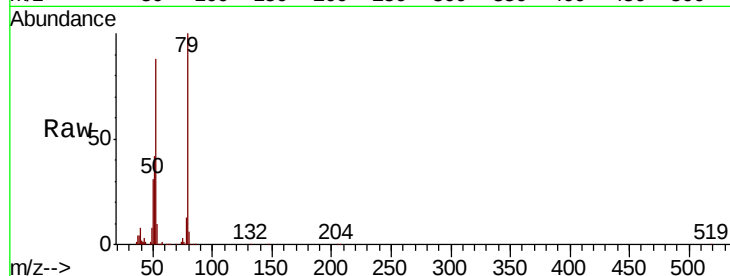
ClientSampleId :

PB123104BS

Tot Ion:	79	Resp:	179852
Ion	Ratio	Lower	Upper
79	100		
52	88.5	74.0	111.0
51	42.5	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 37.981 ng

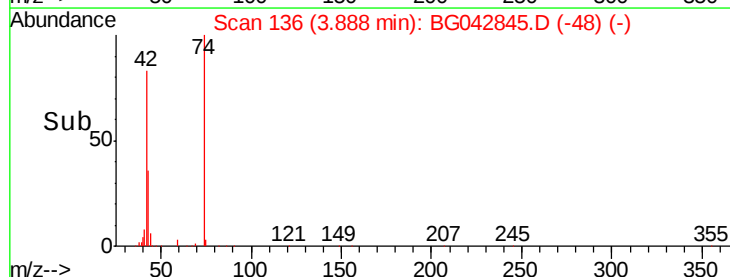
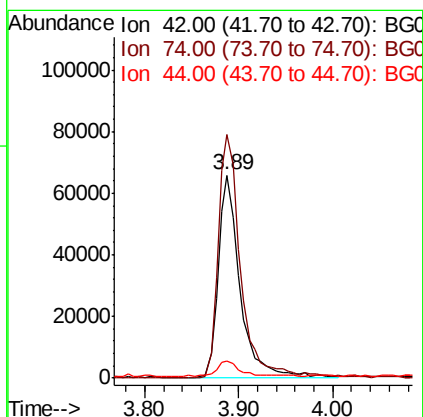
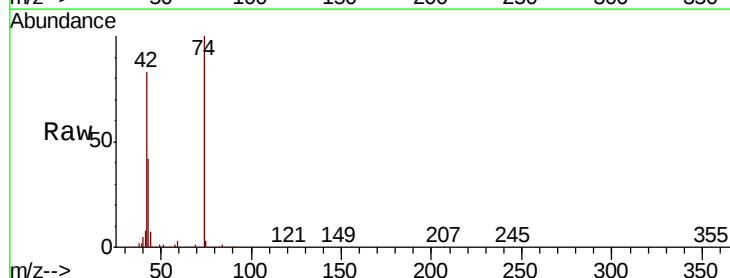
RT: 3.89 min Scan# 136

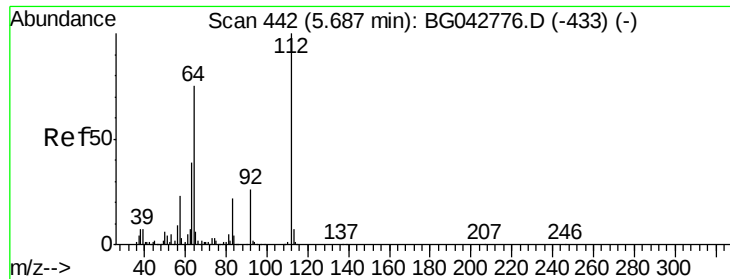
Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Tgt Ion:	42	Resp:	104922
Ion	Ratio	Lower	Upper
42	100		
74	119.8	90.2	135.2
44	8.1	6.6	9.8





#5

2-Fluorophenol

Concen: 129.291 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

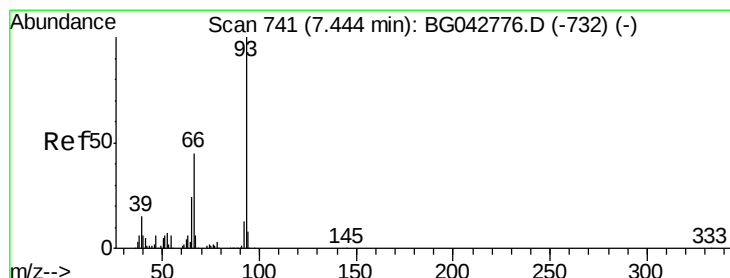
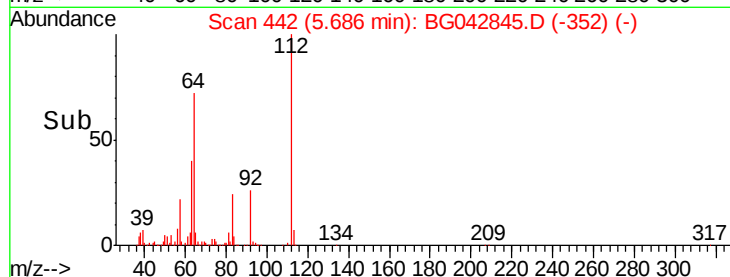
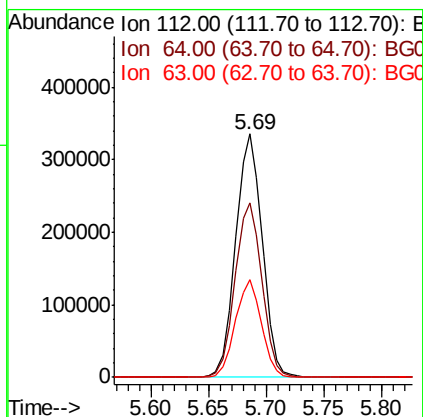
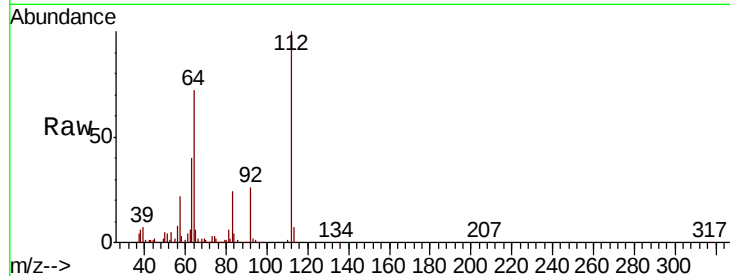
ClientSampleId :

PB123104BS

Tot Ion:	112	Resp:	534171
Ion Ratio	Lower	Upper	
112	100		
64	71.7	60.2	90.2
63	39.9	31.2	46.8

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#6

Aniline

Concen: 34.549 ng

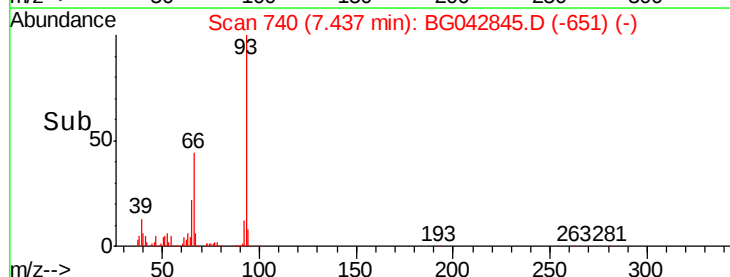
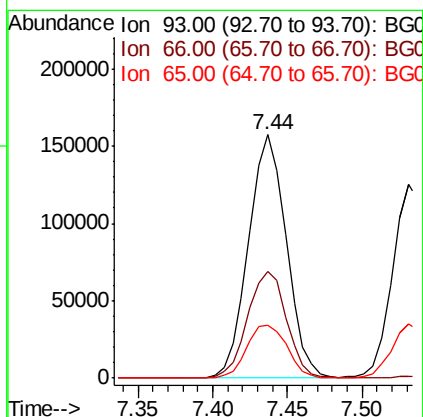
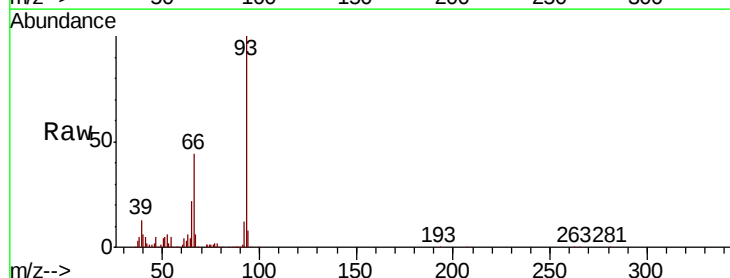
RT: 7.44 min Scan# 740

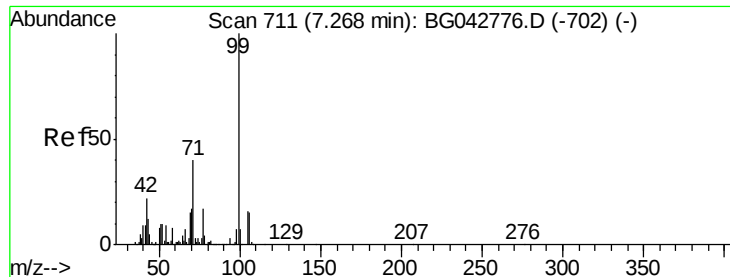
Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Tgt Ion:	93	Resp:	276424
Ion Ratio	Lower	Upper	
93	100		
66	44.0	36.3	54.5
65	21.7	19.3	28.9





#7

Phenol-d6

Concen: 128.558 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

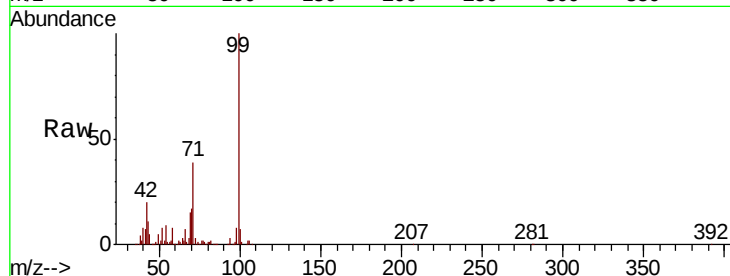
ClientSampleId :

PB123104BS

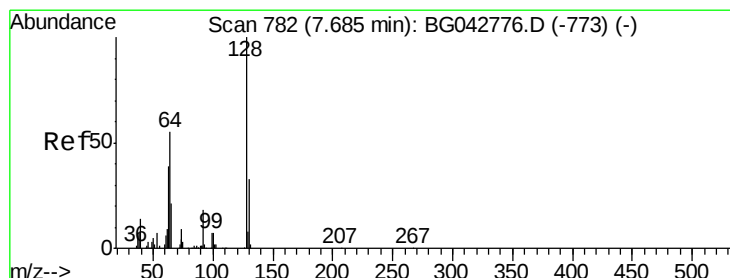
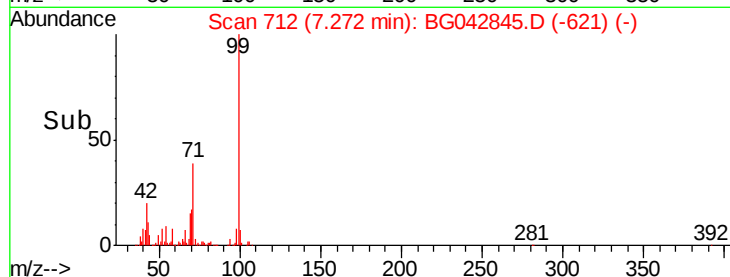
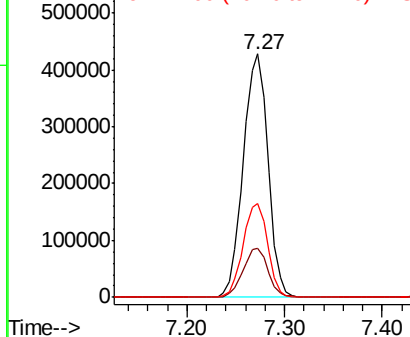
Tot Ion:	99	Resp:	762372
Ion	Ratio	Lower	Upper
99	100		
42	20.2	17.5	26.3
71	38.7	32.0	48.0

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 48.363 ng

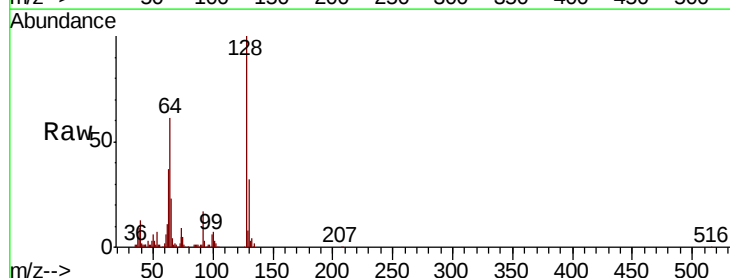
RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

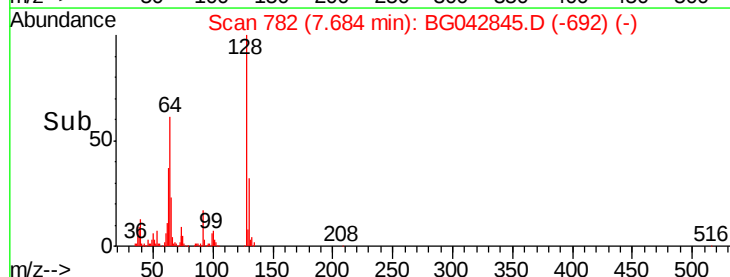
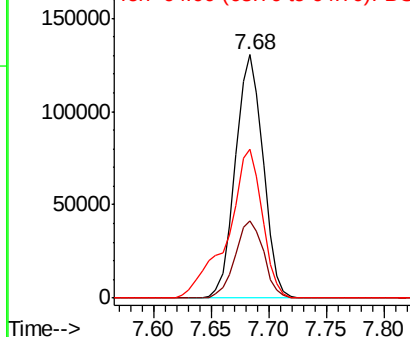
Lab File: BG042845.D

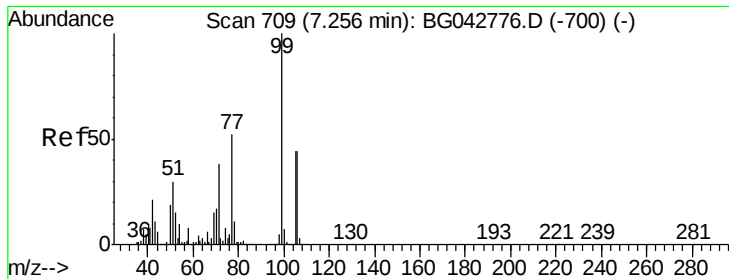
Acq: 16 Sep 2019 12:08

Tgt Ion:	128	Resp:	215990
Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.8	52.8
64	61.3	36.8	76.8



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 34.423 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

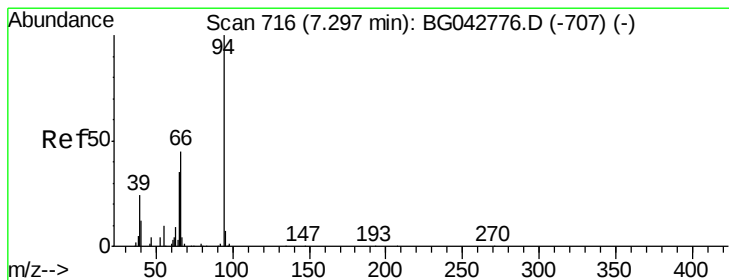
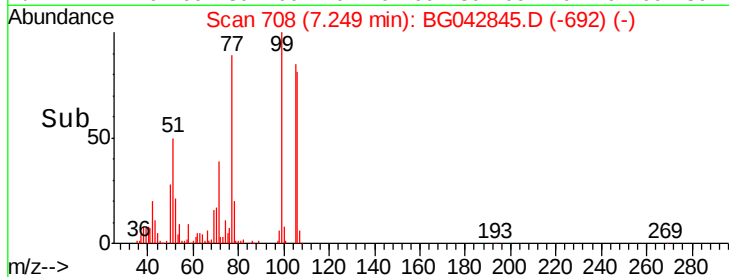
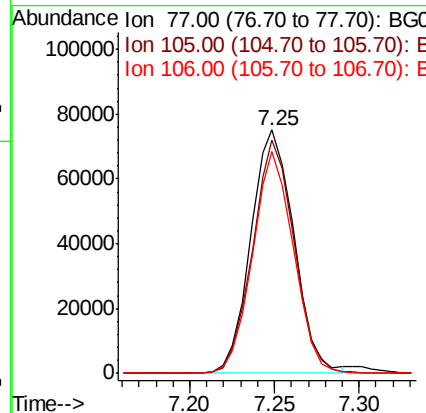
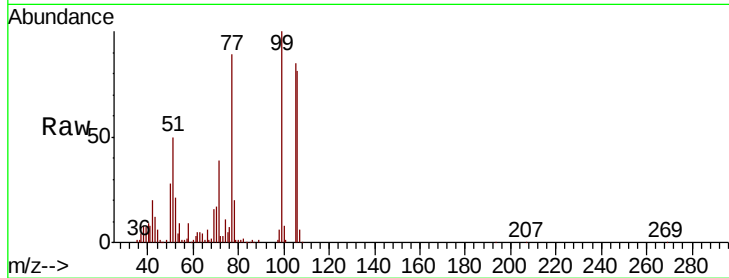
ClientSampleId :

PB123104BS

Tot Ion:	77	Resp:	132839
Ion	Ratio	Lower	Upper
77	100		
105	96.0	64.5	104.5
106	91.1	63.4	103.4

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#10

Phenol

Concen: 50.026 ng

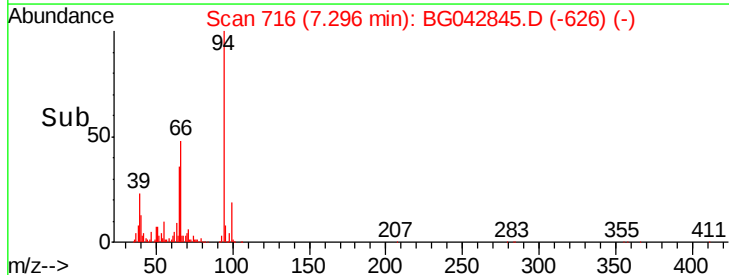
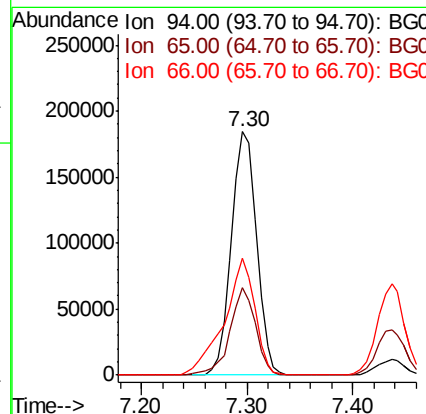
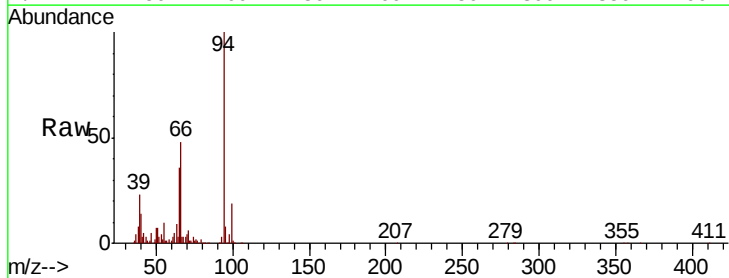
RT: 7.30 min Scan# 716

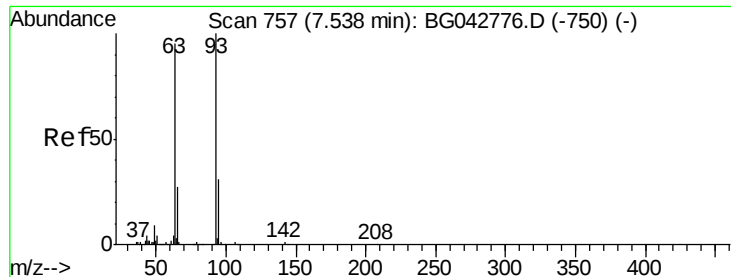
Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Tgt Ion:	94	Resp:	304239
Ion	Ratio	Lower	Upper
94	100		
65	36.1	15.0	55.0
66	48.0	26.1	66.1





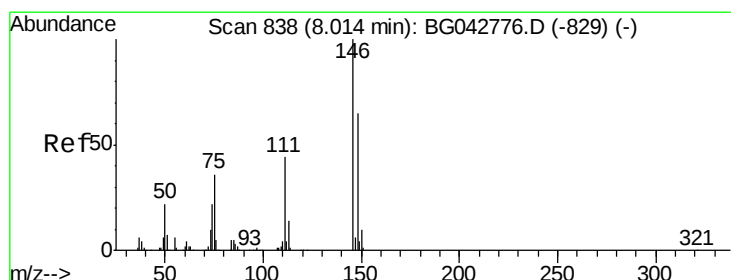
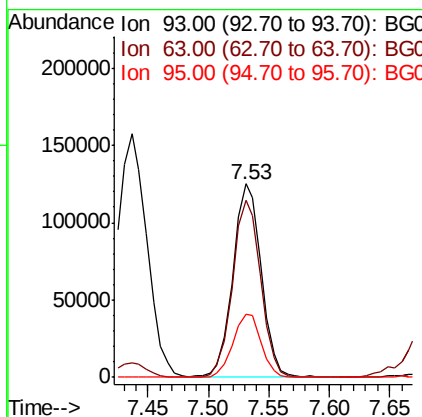
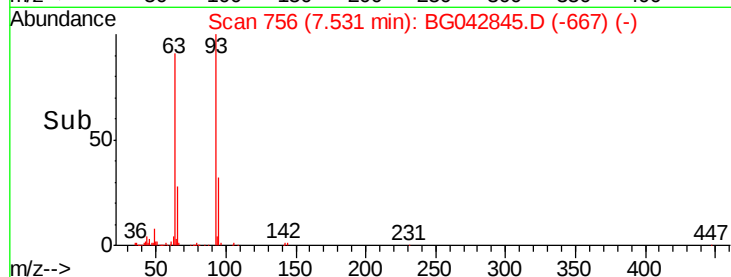
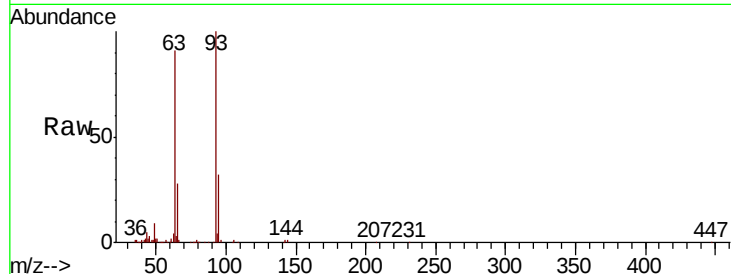
#11
bis(2-Chloroethyl)ether
Concen: 43.872 ng
RT: 7.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Instrument :
BNA_G
ClientSampleId :
PB123104BS

Tot Ion:	93	Resp:	204769
Ion Ratio	Lower	Upper	
93	100		
63	91.2	74.7	114.7
95	32.3	11.1	51.1

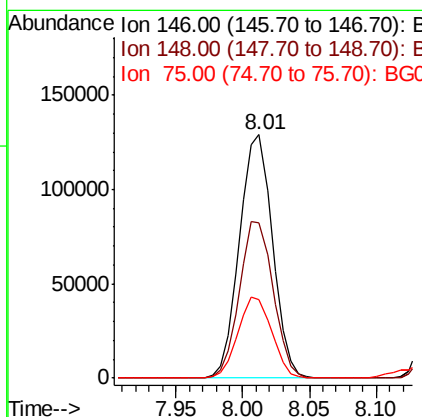
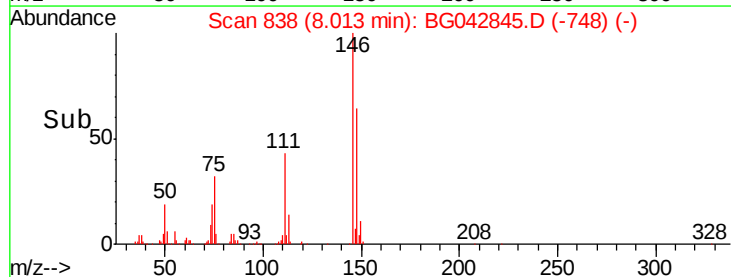
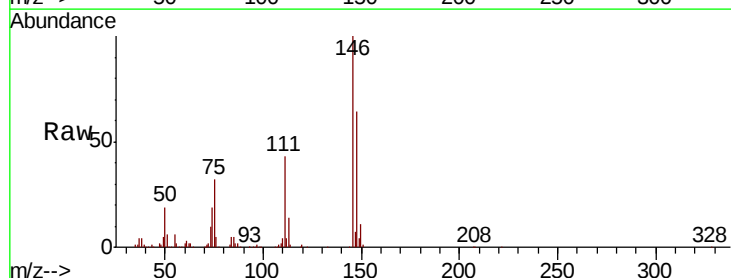
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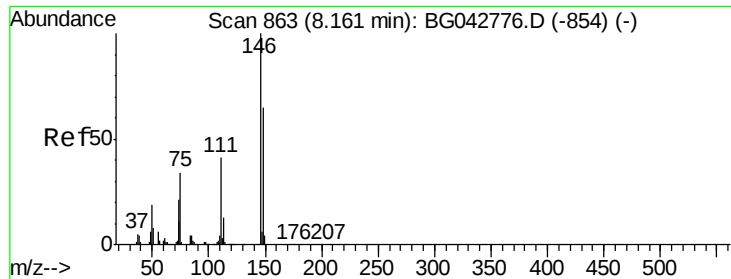
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.517 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion:	146	Resp:	220699
Ion Ratio	Lower	Upper	
146	100		
148	63.9	51.9	77.9
75	32.0	28.4	42.6





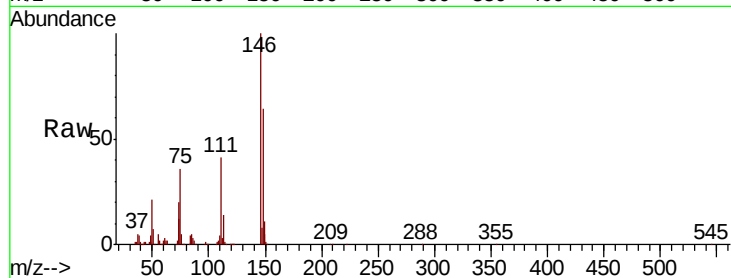
#13
1,4-Dichlorobenzene
Concen: 41.176 ng
RT: 8.15 min Scan# 862
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Instrument :
BNA_G
ClientSampleId :
PB123104BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	52.2	78.4
111	41.0	32.6	49.0

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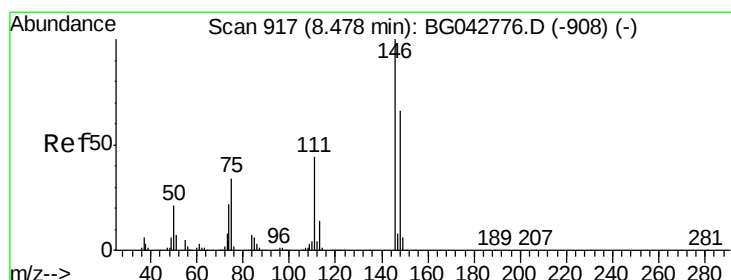
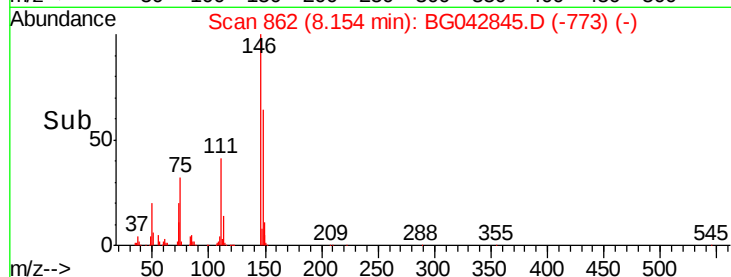
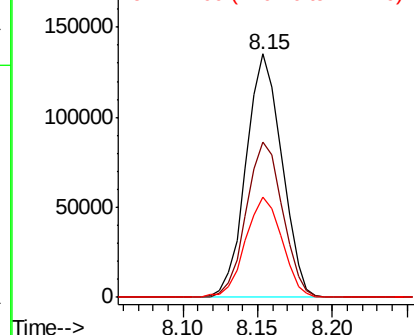


Abundance

Ion 146.00 (145.70 to 146.70): E

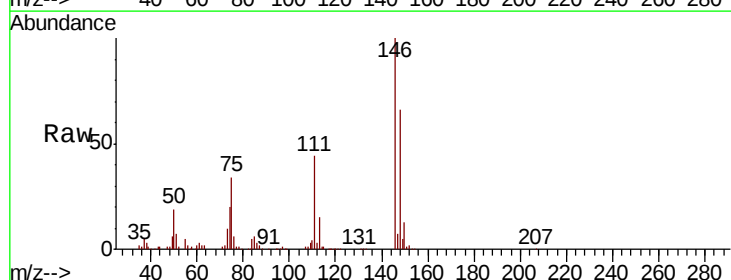
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
1,2-Dichlorobenzene
Concen: 40.968 ng
RT: 8.48 min Scan# 917
Delta R.T. -0.00 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.6	78.8
111	44.2	35.3	52.9

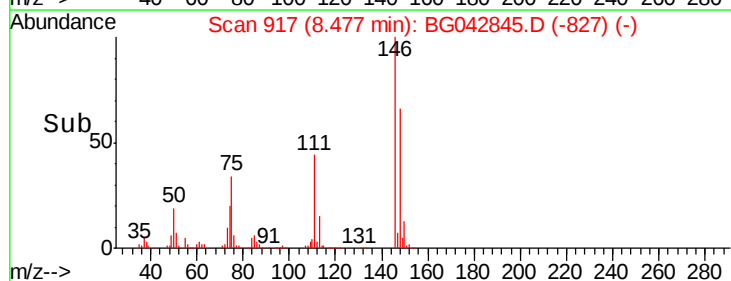
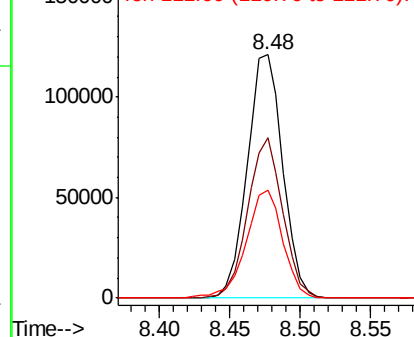


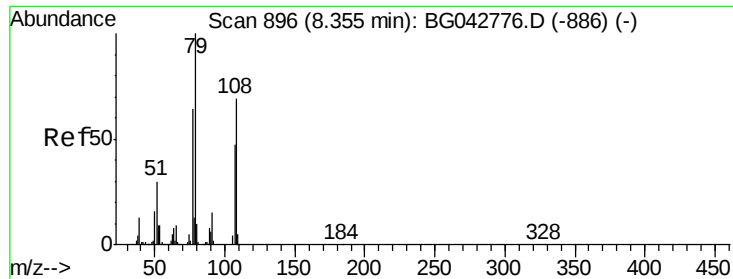
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.235 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

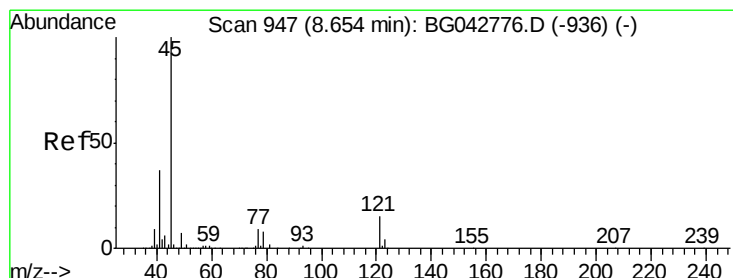
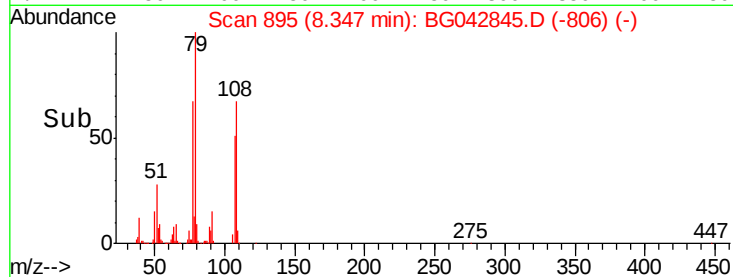
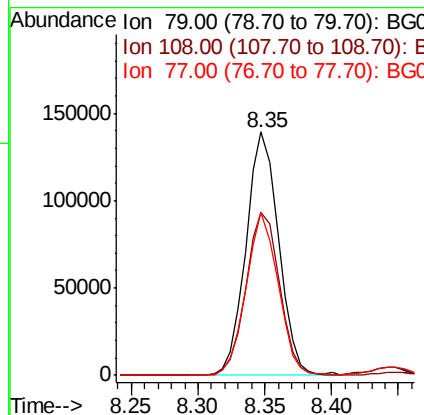
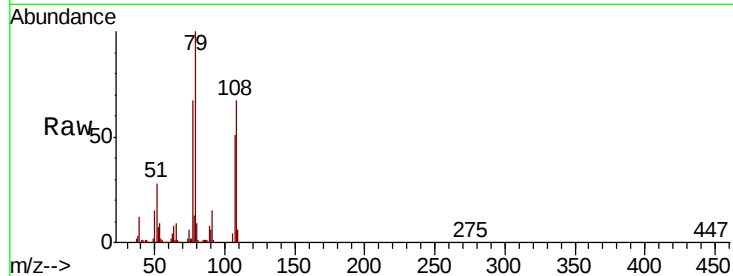
ClientSampleId :

PB123104BS

Tot Ion:	79	Resp:	235299
Ion Ratio	Lower	Upper	
79	100		
108	67.0	54.9	82.3
77	66.7	51.0	76.6

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.556 ng

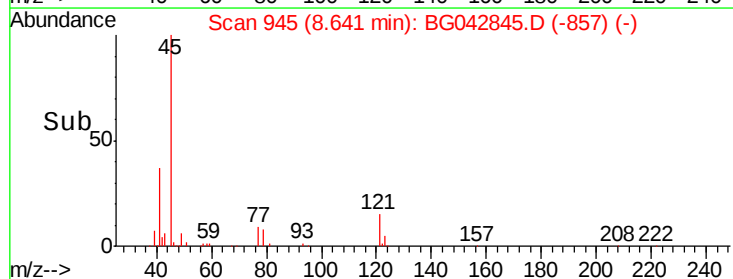
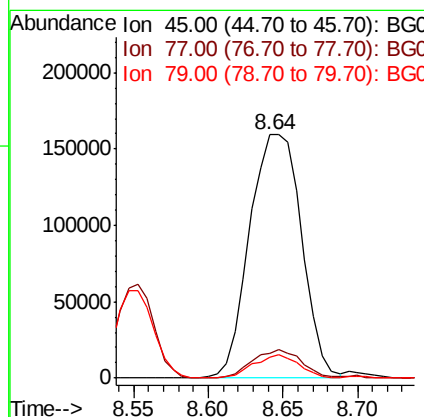
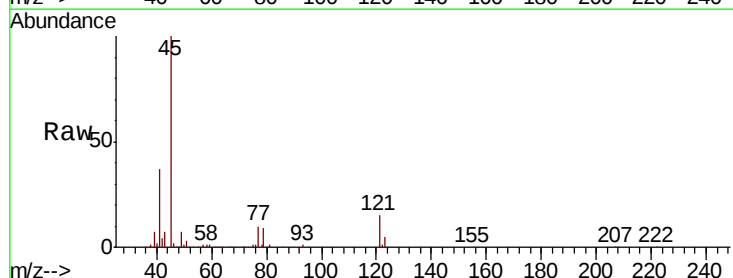
RT: 8.64 min Scan# 945

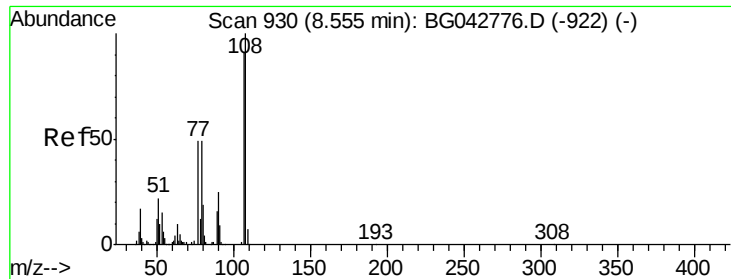
Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Tgt Ion:	45	Resp:	384938
Ion Ratio	Lower	Upper	
45	100		
77	10.2	0.0	29.4
79	8.7	0.0	28.4





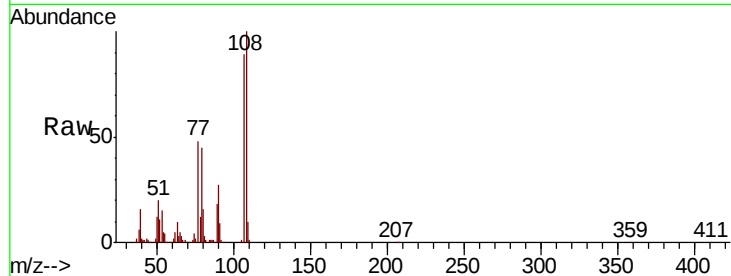
#17
2-Methylphenol
Concen: 48.655 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.00 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Instrument :
BNA_G
ClientSampleId :
PB123104BS

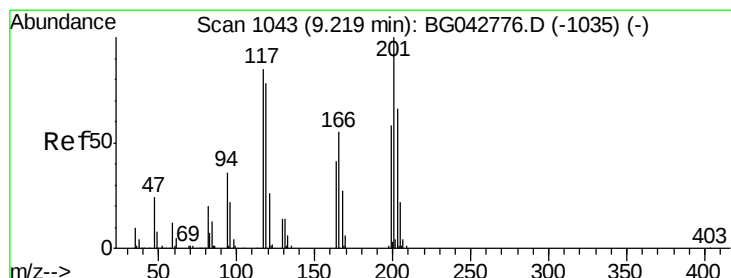
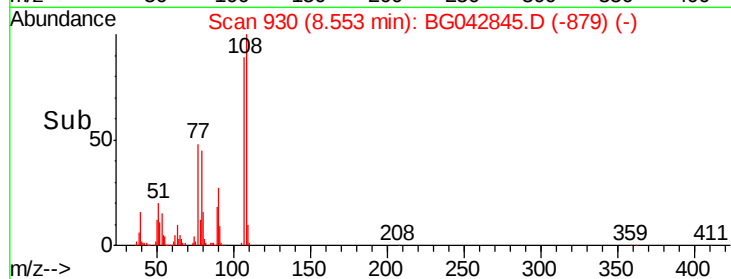
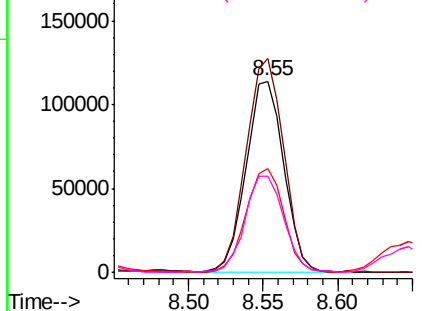
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.8	87.7	131.5	
77	54.0	42.6	64.0	
79	50.4	43.4	65.2	

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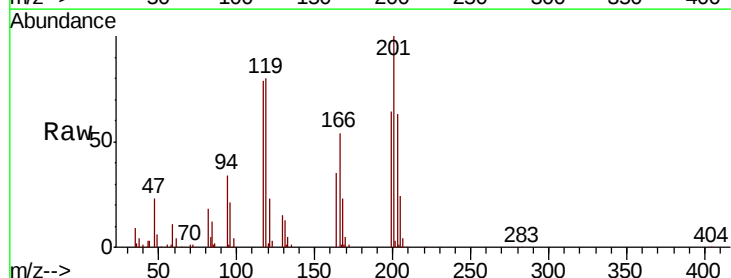


Abundance Ion 107.00 (106.70 to 107.70): E
200000 Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

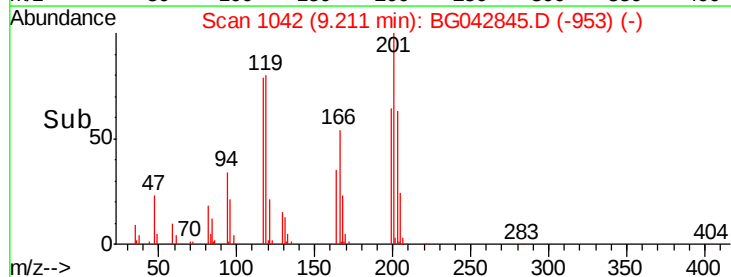
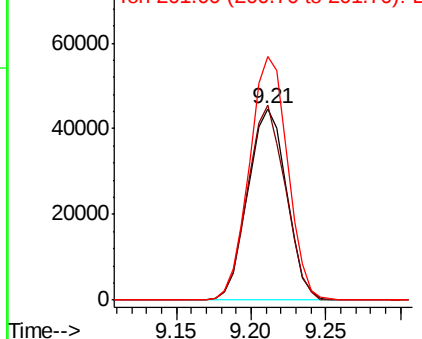


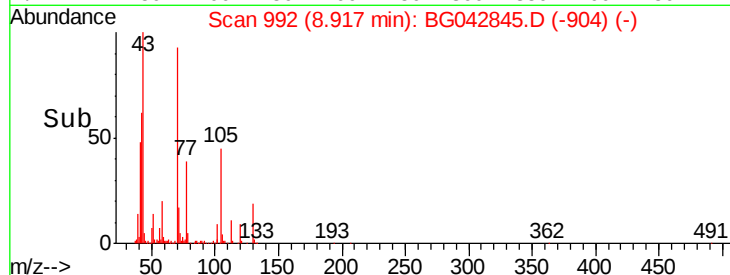
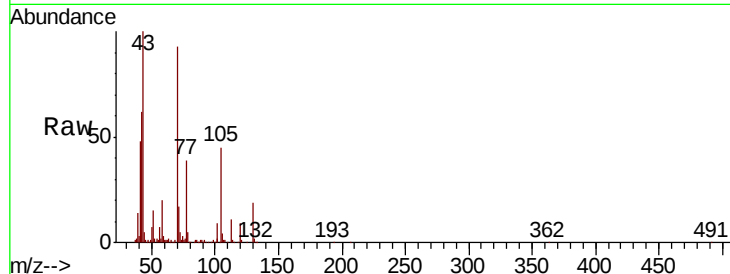
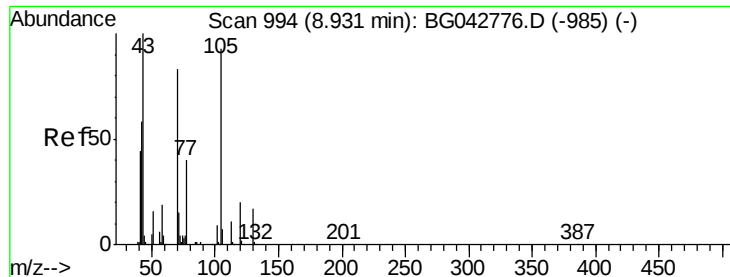
#18
Hexachloroethane
Concen: 39.819 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	101.5	73.8	110.8	
201	127.0	94.6	142.0	



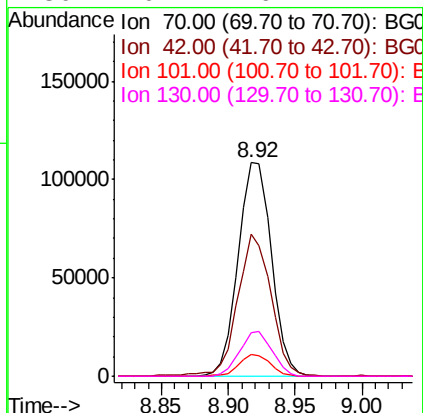
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 43.097 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

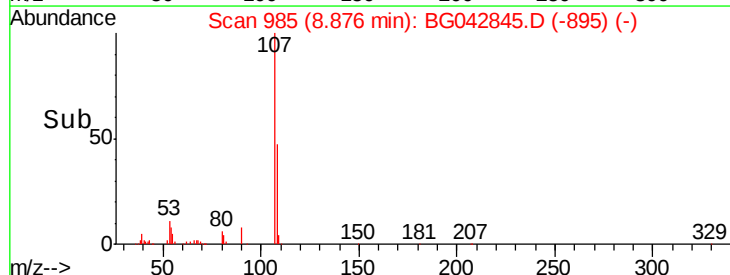
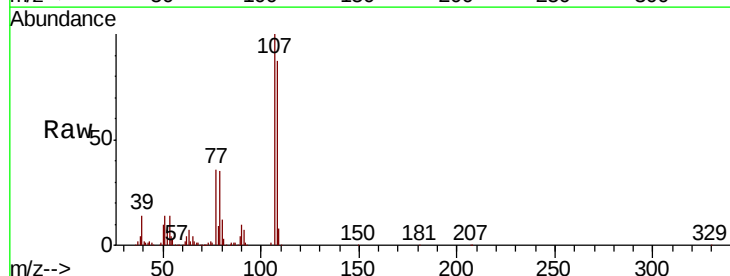
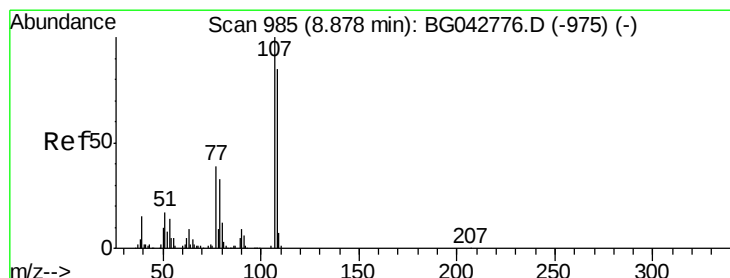
Tot Ion	Ratio	Lower	Upper
70	100		
42	66.6	57.0	85.6
101	10.0	8.4	12.6
130	20.2	16.1	24.1



Instrument :
BNA_G
ClientSampleId :
PB123104BS

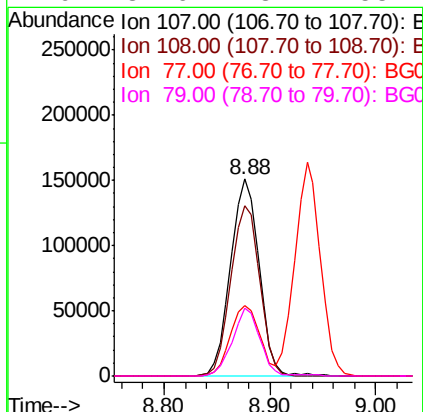
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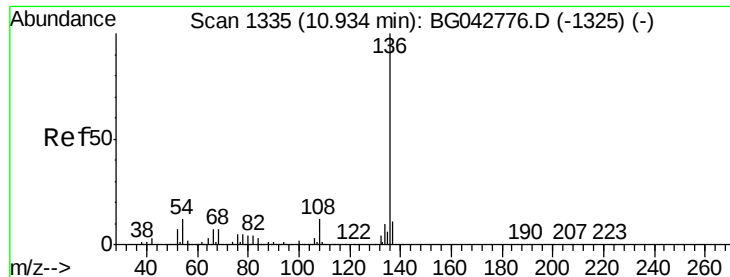
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#20
3+4-Methylphenols
Concen: 50.250 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.7	65.4	105.4
77	35.8	18.7	58.7
79	34.6	13.7	53.7





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

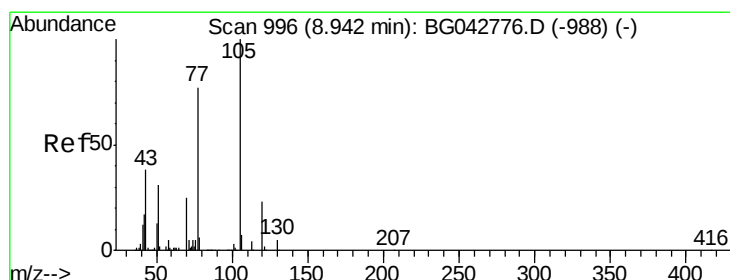
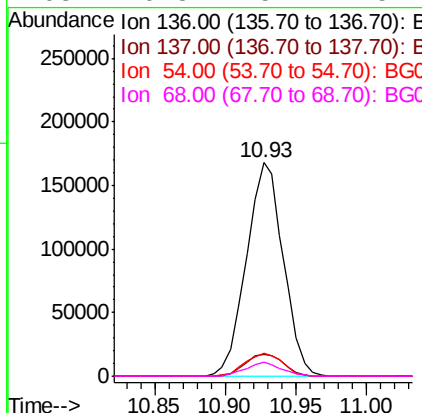
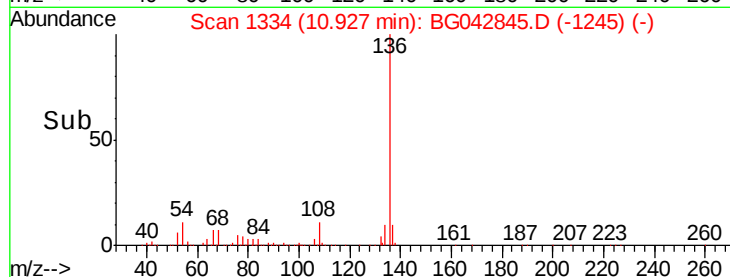
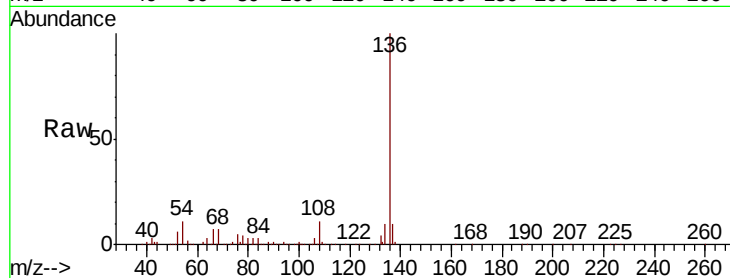
ClientSampleId :

PB123104BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	307984		
137	10.5		9.0	13.6
54	10.5		9.4	14.0
68	6.8		5.4	8.2

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#22

Acetophenone

Concen: 42.508 ng

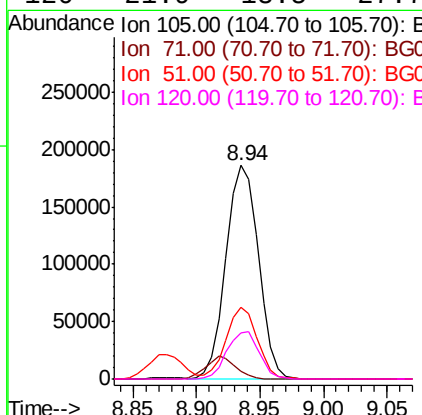
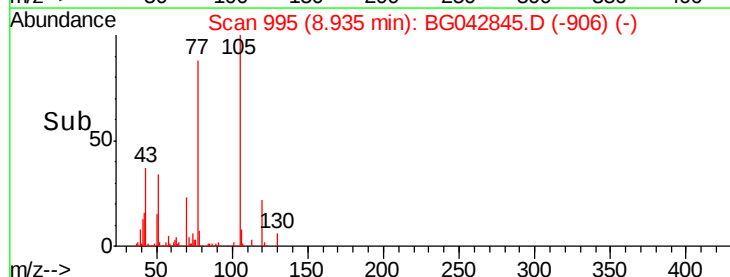
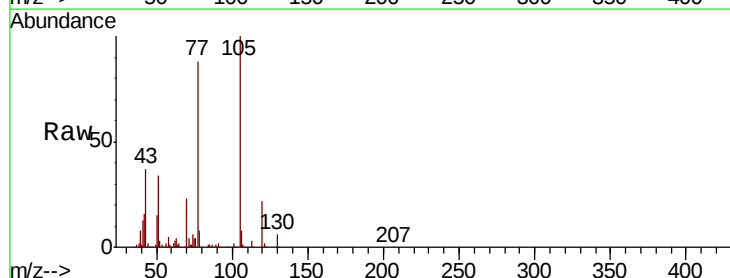
RT: 8.94 min Scan# 995

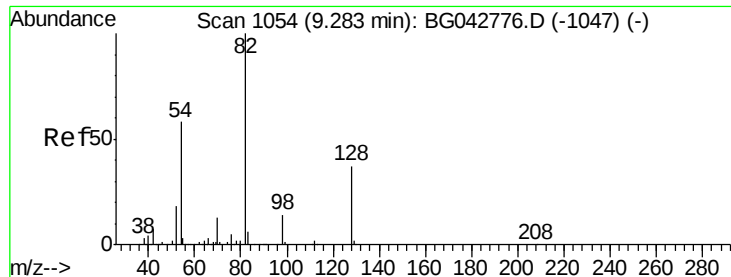
Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	330639		
71	3.7		3.7	5.5
51	33.9		28.8	43.2
120	21.9		18.5	27.7





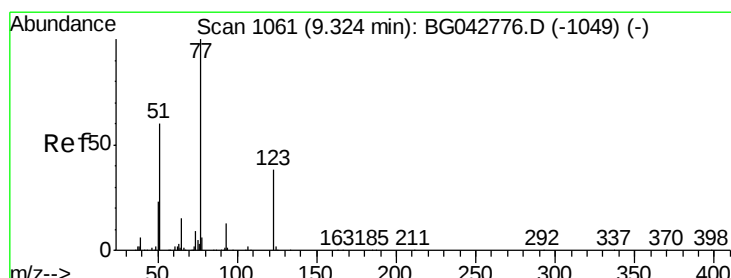
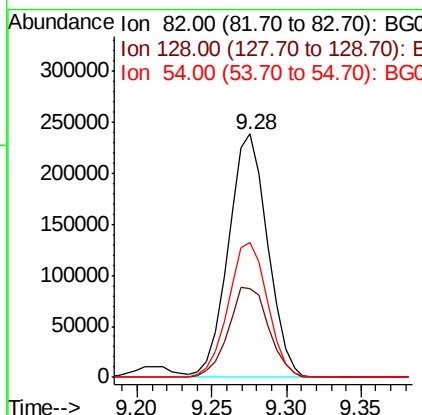
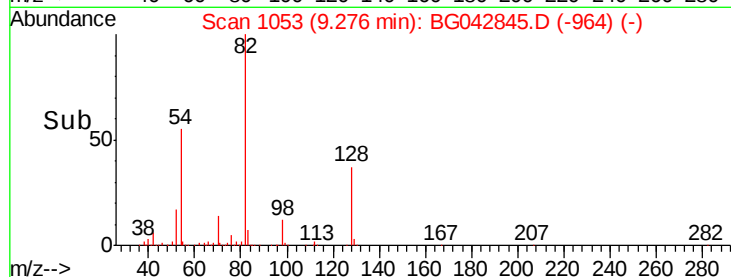
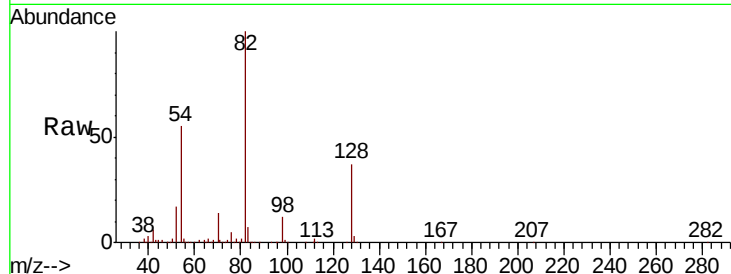
#23
 Nitrobenzene-d5
 Concen: 73.750 ng
 RT: 9.28 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Instrument :
 BNA_G
 ClientSampleId :
 PB123104BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
82	100				
128	36.6	29.8	44.8		
54	55.3	46.1	69.1		

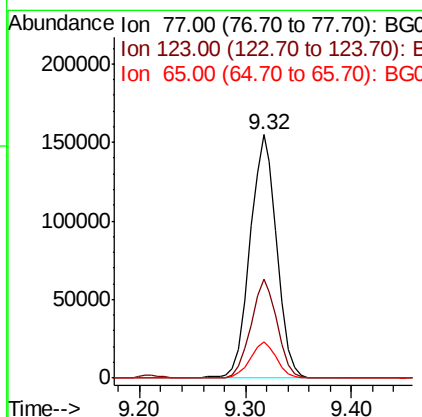
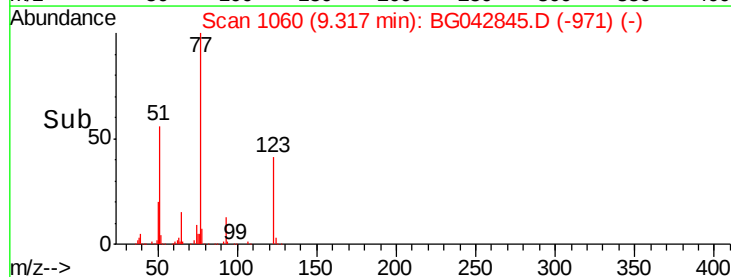
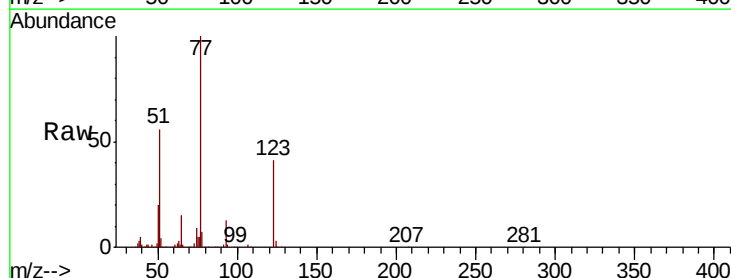
Manual Integrations
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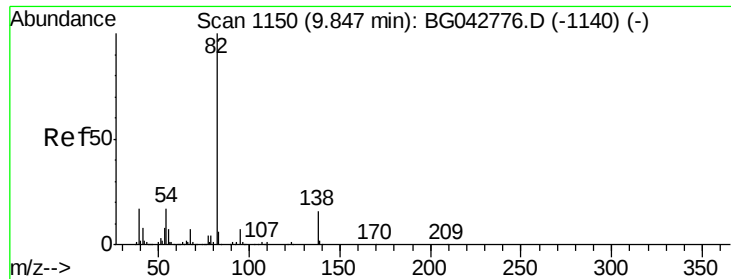
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#24
 Nitrobenzene
 Concen: 43.805 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
123	40.9	30.7	46.1		
65	15.0	12.2	18.4		





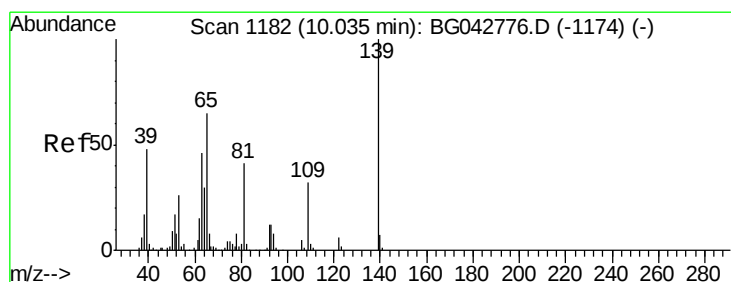
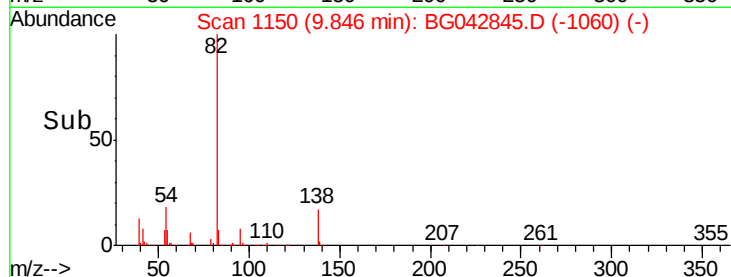
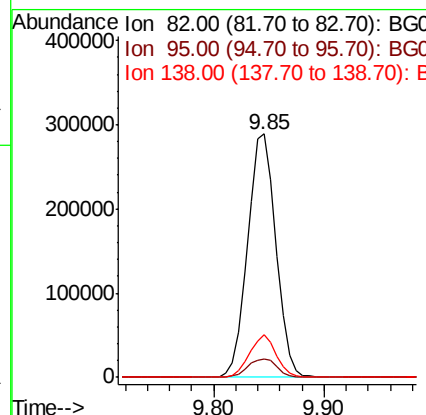
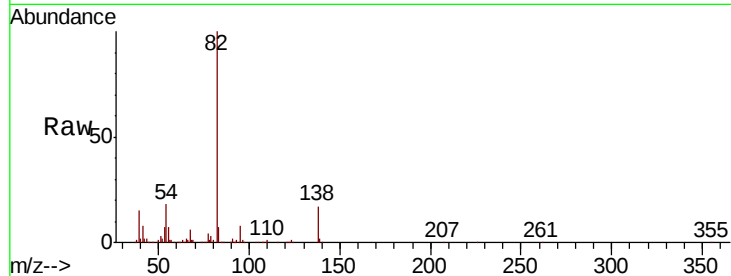
#25
Isophorone
Concen: 42.188 ng
RT: 9.85 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Instrument :
BNA_G
ClientSampleId :
PB123104BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.6	5.8	8.8	
138	17.4	12.9	19.3	

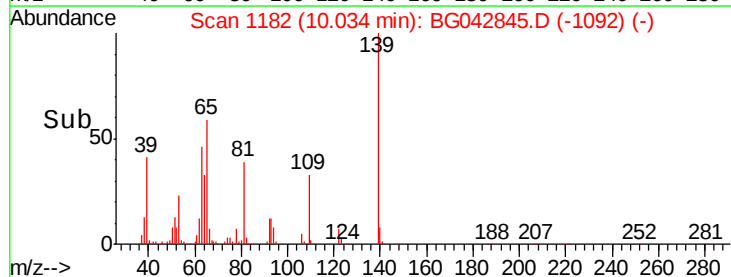
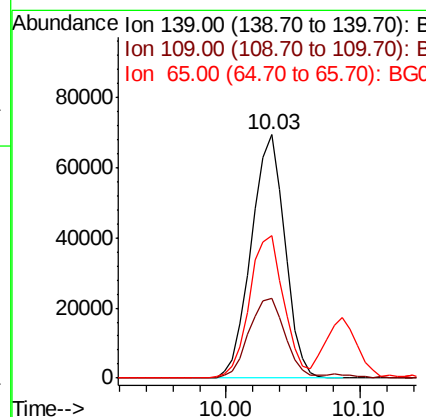
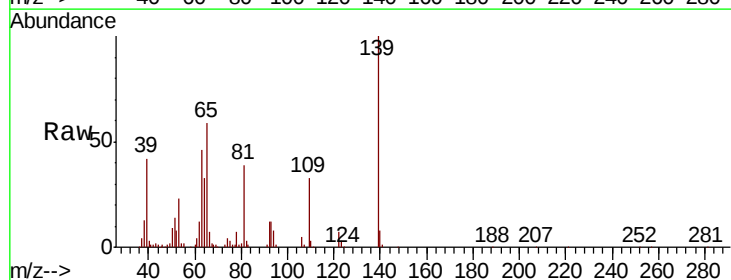
Manual Integrations
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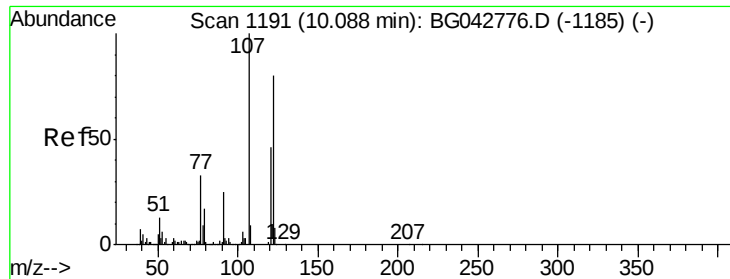
mohammad
9/17/2019 1:26:37 PM



#26
2-Nitrophenol
Concen: 49.314 ng
RT: 10.03 min Scan# 1182
Delta R.T. -0.00 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	32.6	25.8	38.8	
65	58.6	52.2	78.2	





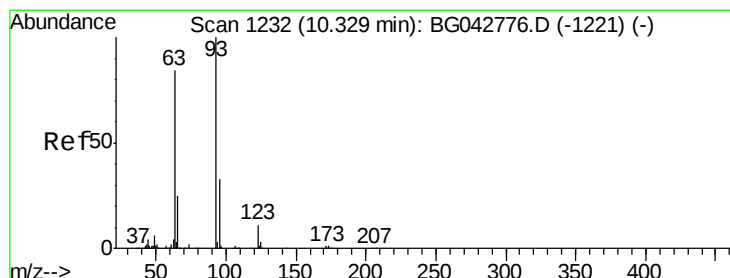
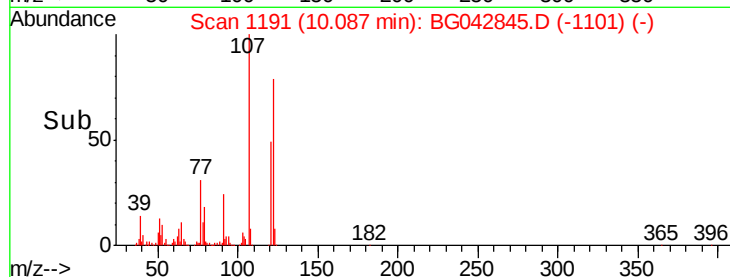
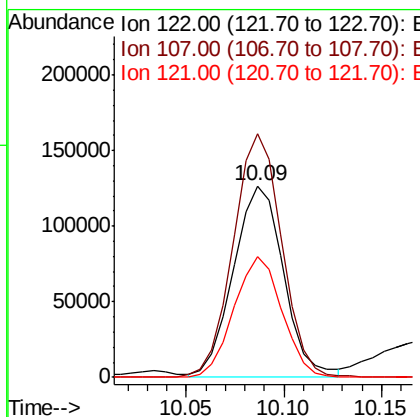
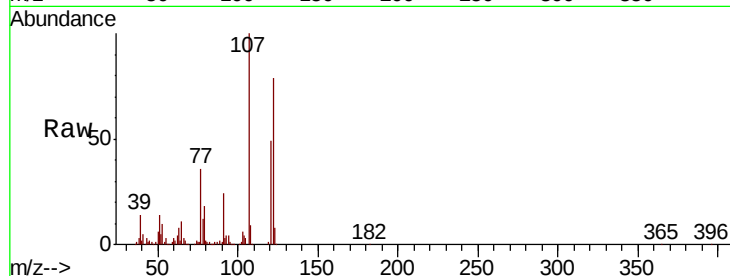
#27
2,4-Dimethylphenol
Concen: 52.105 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Instrument :
BNA_G
ClientSampleId :
PB123104BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	225050		
107	127.1	98.9	148.3	
121	62.9	46.2	69.2	

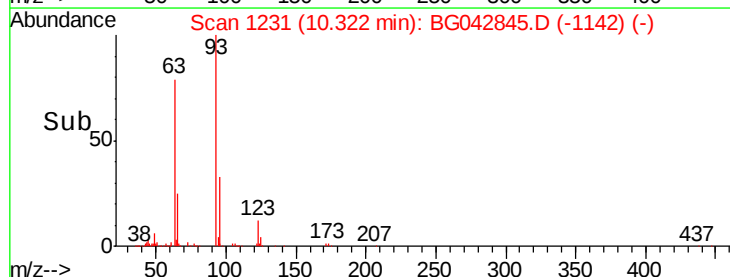
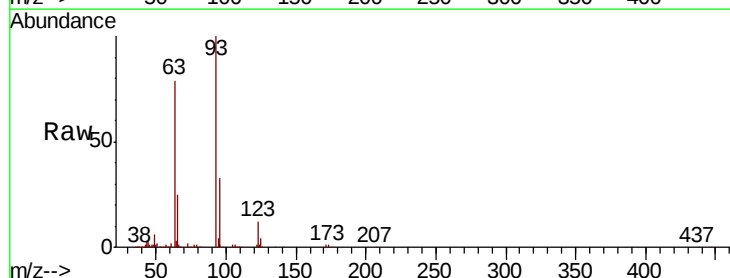
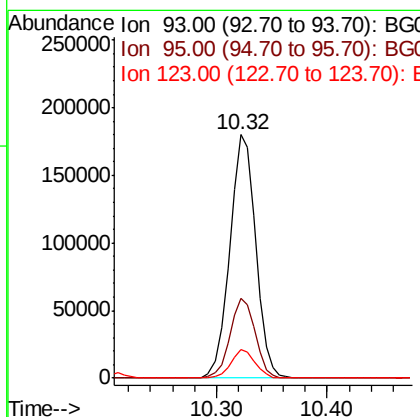
Manual Integrations
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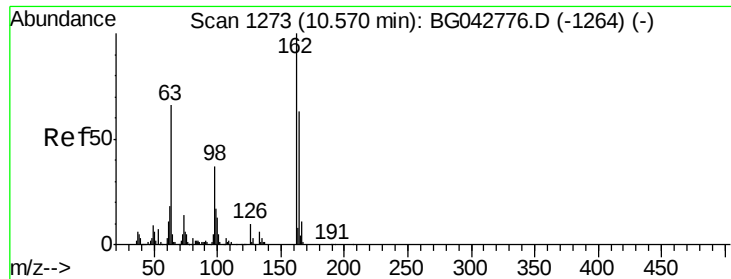
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 43.086 ng
RT: 10.32 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	296283		
95	32.5	26.6	40.0	
123	11.6	9.0	13.6	





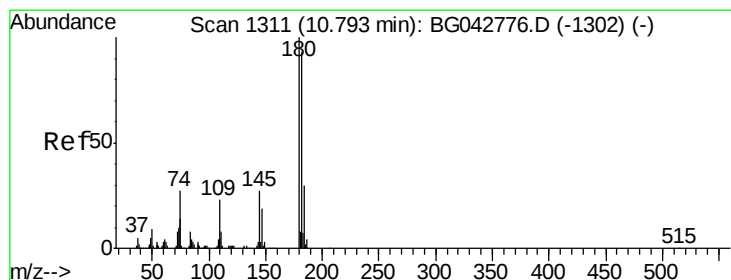
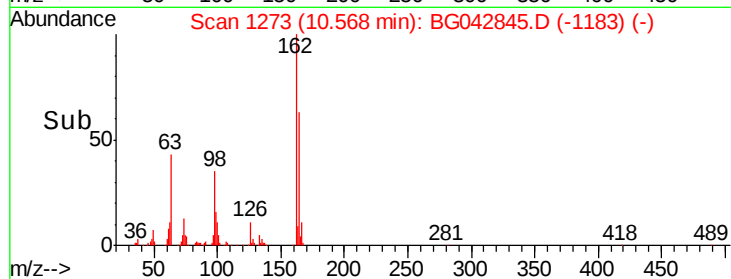
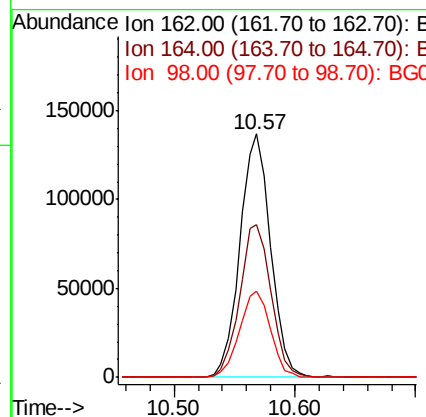
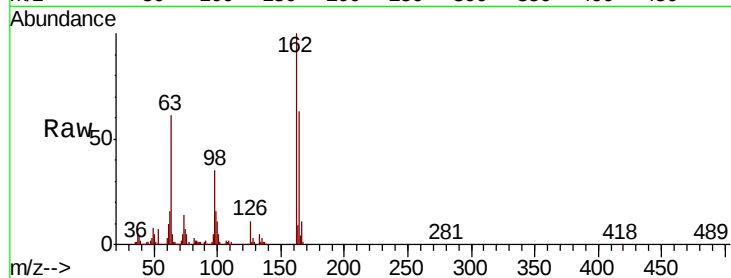
#29
 2,4-Dichlorophenol
 Concen: 48.224 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Instrument :
 BNA_G
 ClientSampleId :
 PB123104BS

Tot Ion:	162	Resp:	242044
Ion Ratio	Lower	Upper	
162	100		
164	63.0	43.4	83.4
98	35.4	17.0	57.0

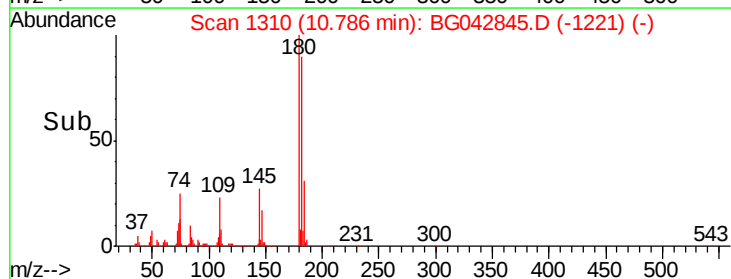
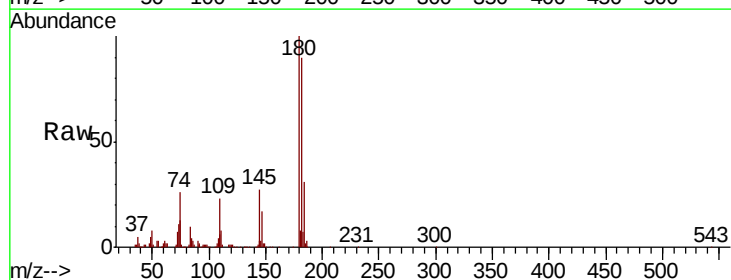
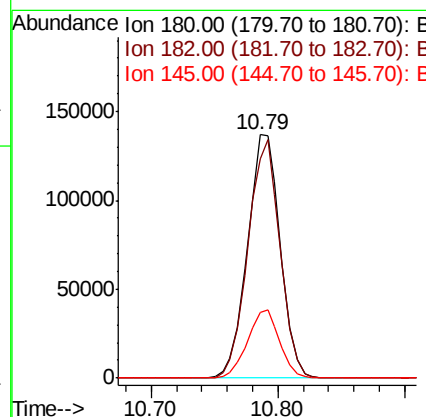
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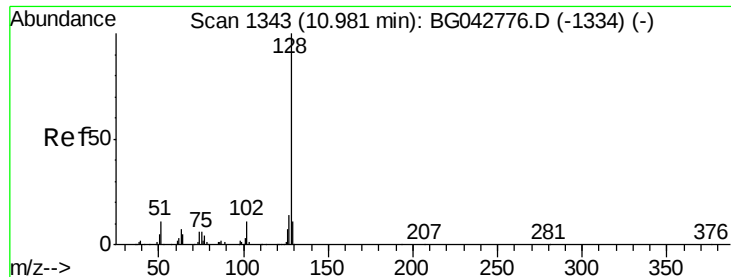
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#30
 1,2,4-Trichlorobenzene
 Concen: 40.031 ng
 RT: 10.79 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Tgt Ion:	180	Resp:	245307
Ion Ratio	Lower	Upper	
180	100		
182	89.9	74.6	112.0
145	27.0	21.8	32.6





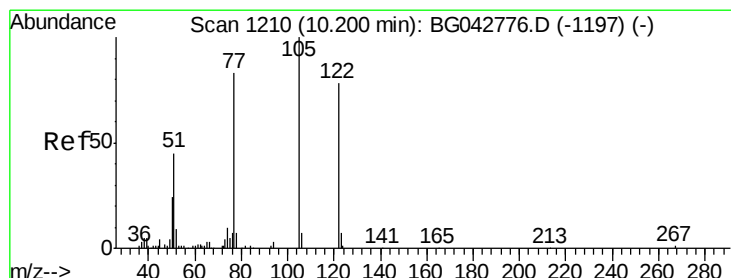
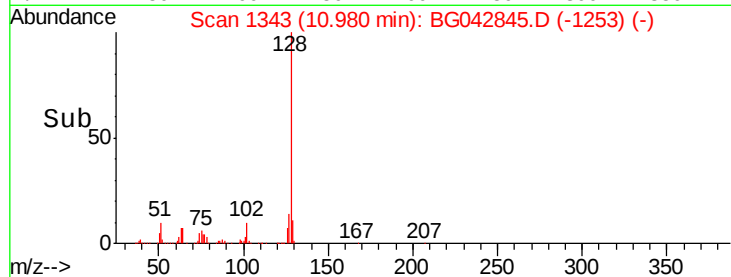
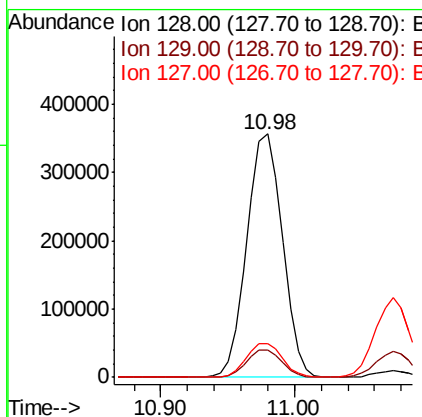
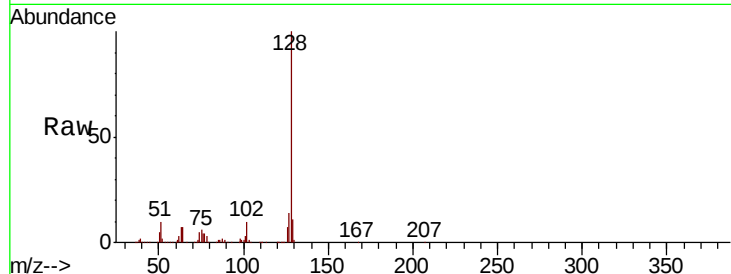
#31
Naphthalene
Concen: 43.255 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Instrument :
BNA_G
ClientSampleId :
PB123104BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	657750		
129	11.4	9.0	13.6	
127	13.7	11.4	17.2	

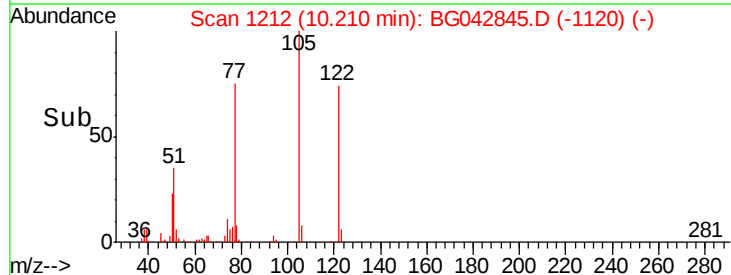
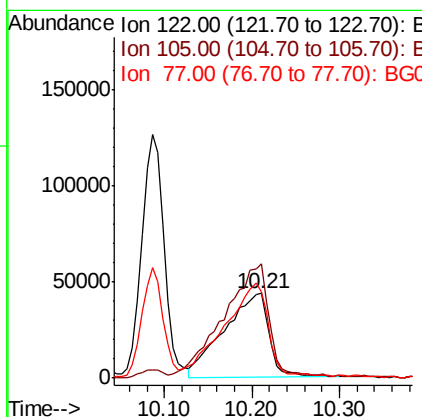
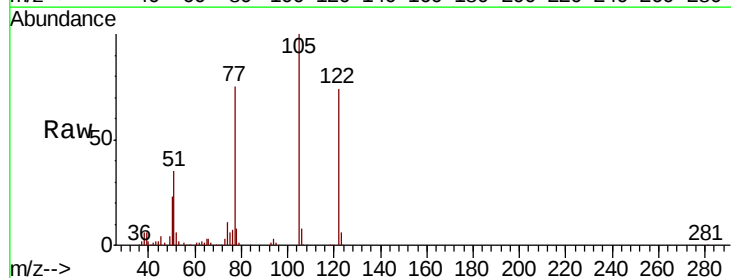
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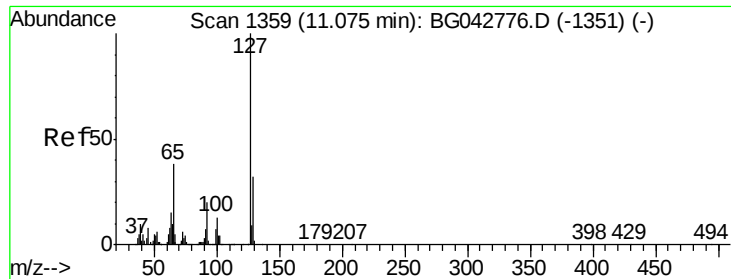
mohammad
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#32
Benzoic acid
Concen: 43.896 ng
RT: 10.21 min Scan# 1212
Delta R.T. 0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	151312		
105	135.3	104.0	144.0	
77	101.6	84.2	124.2	





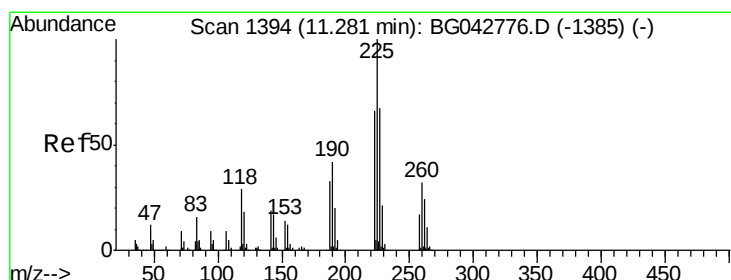
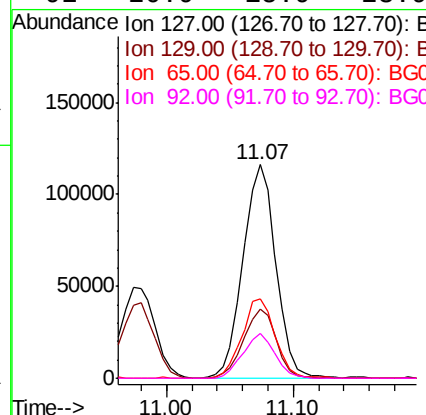
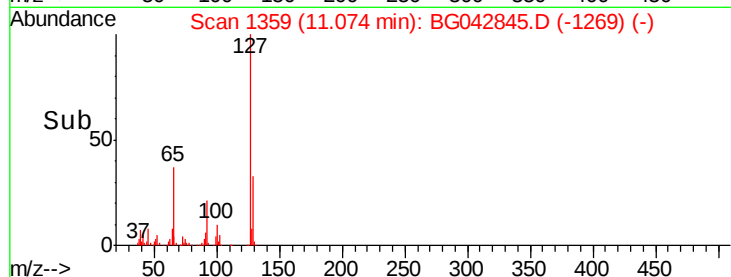
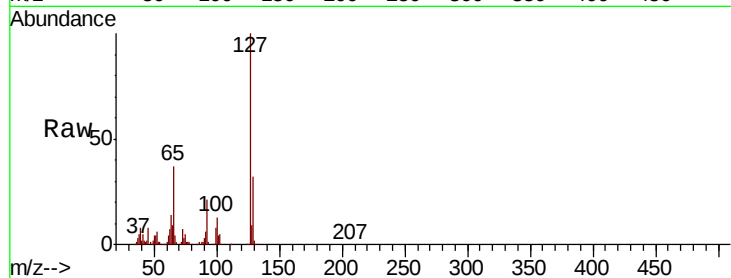
#33
4-Chloroaniline
Concen: 29.289 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Instrument :
BNA_G
ClientSampleId :
PB123104BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		208167		
129	32.5	25.8	38.6		
65	37.3	30.5	45.7		
92	20.9	15.9	23.9		

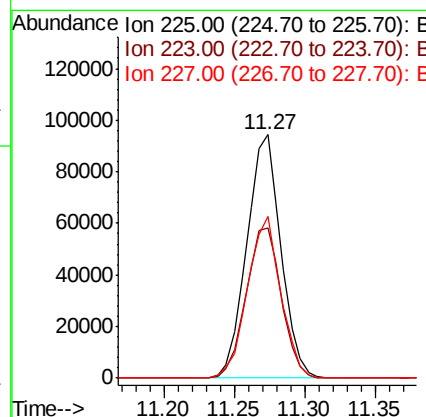
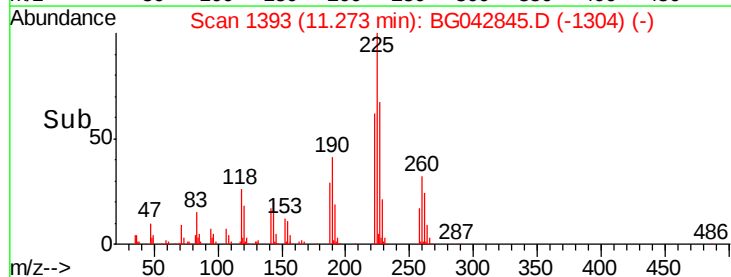
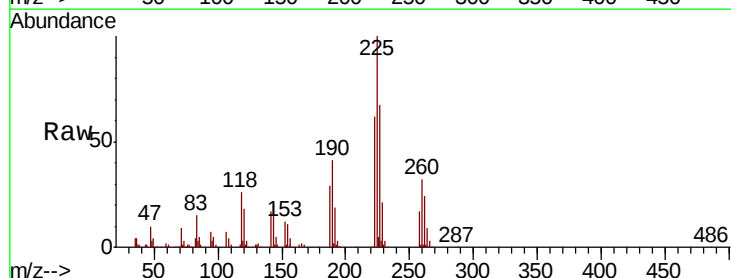
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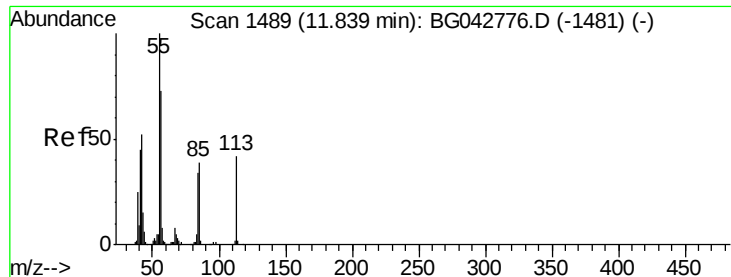
mohammad
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#34
Hexachlorobutadiene
Concen: 37.252 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		159938		
223	61.9	52.6	79.0		
227	66.5	53.6	80.4		





#35

Caprolactam

Concen: 51.321 ng/ml

RT: 11.84 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

ClientSampleID :

PB123104BS

Tot Ion:113 Resp: 95787

Ion Ratio Lower Upper

113 100

55 222.2 218.4 258.4

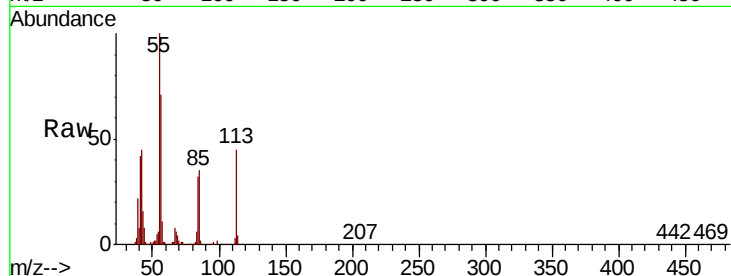
56 158.1 154.8 194.8

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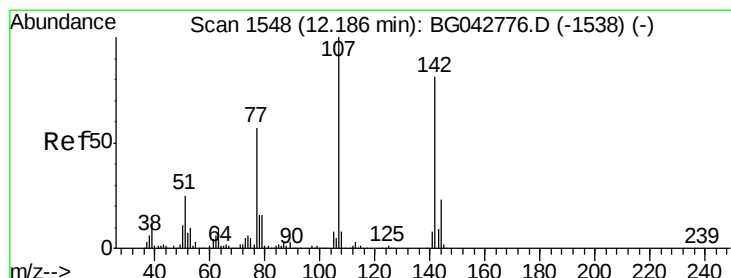
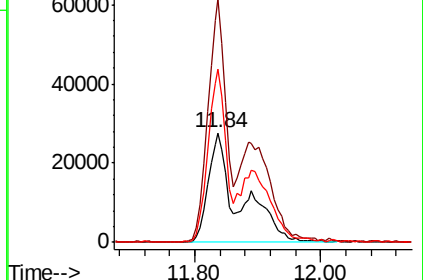
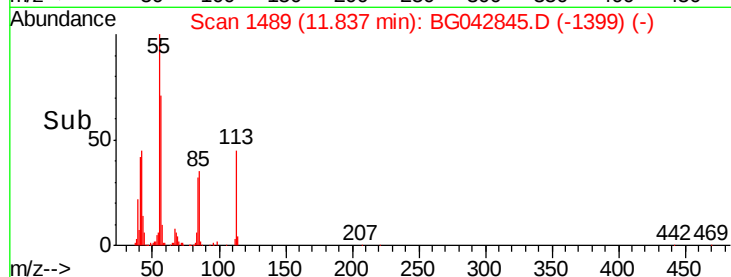
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 49.899 ng/ml

RT: 12.18 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

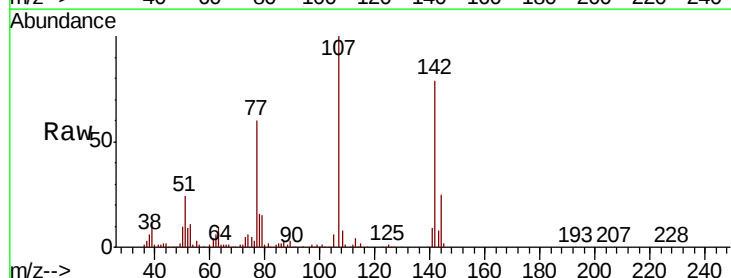
Tgt Ion:107 Resp: 271931

Ion Ratio Lower Upper

107 100

144 24.9 18.7 28.1

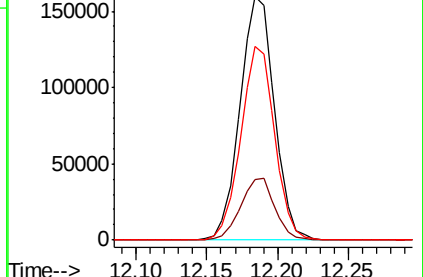
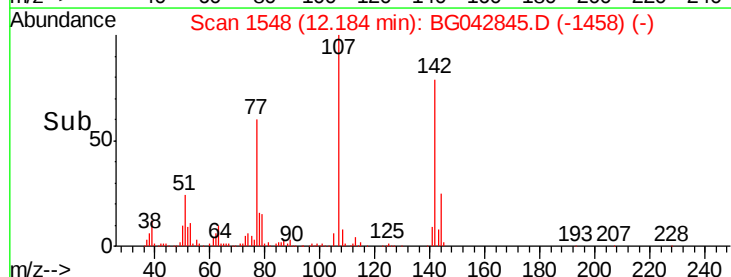
142 79.5 65.0 97.4

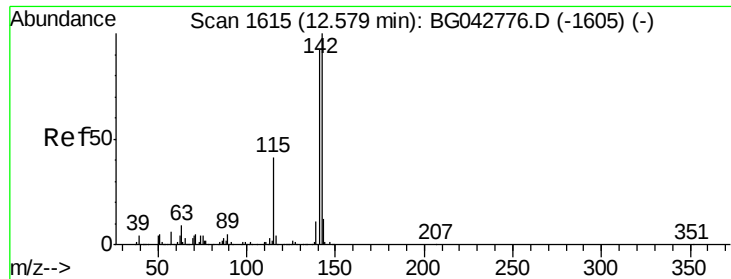


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





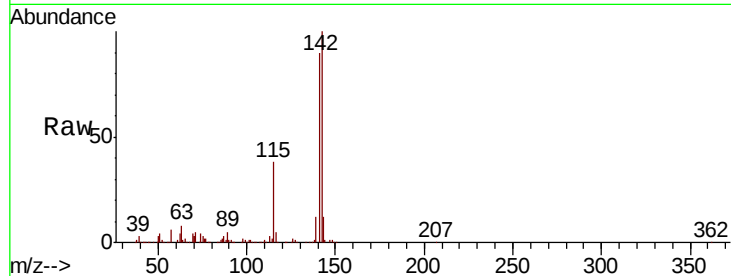
#37
2-Methylnaphthalene
Concen: 43.903 ng
RT: 12.58 min Scan# 1615
Delta R.T. -0.00 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Instrument :
BNA_G
ClientSampleId :
PB123104BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	73.8	110.8
115	37.6	33.0	49.4

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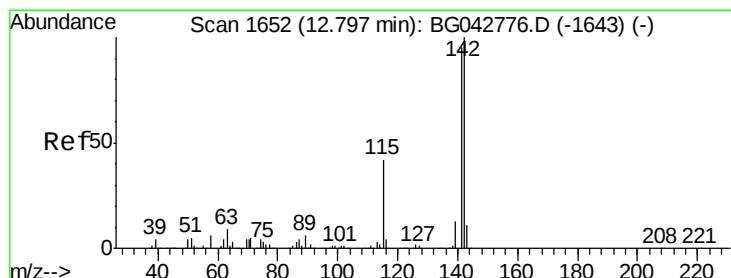
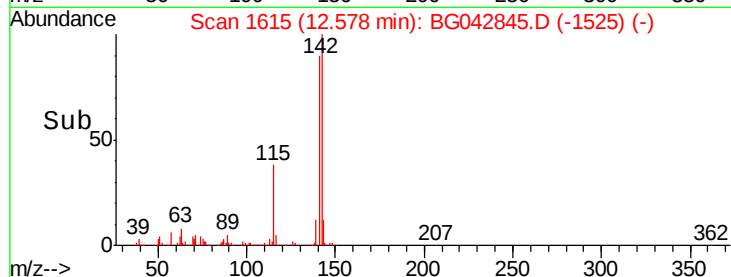
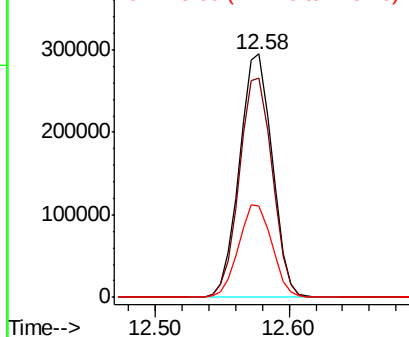


Abundance

Ion 142.00 (141.70 to 142.70): E

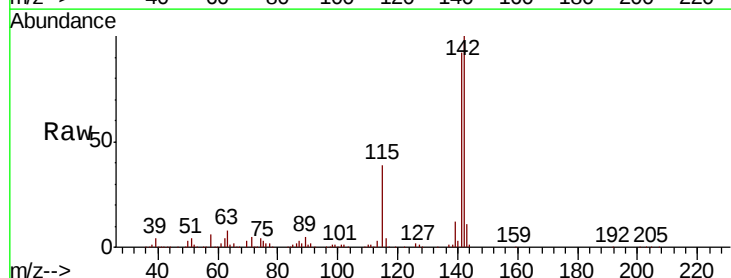
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 44.735 ng
RT: 12.80 min Scan# 1652
Delta R.T. -0.00 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	76.3	114.5
116	3.7	3.4	5.0

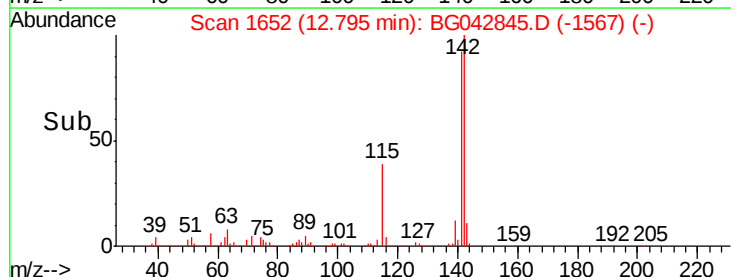
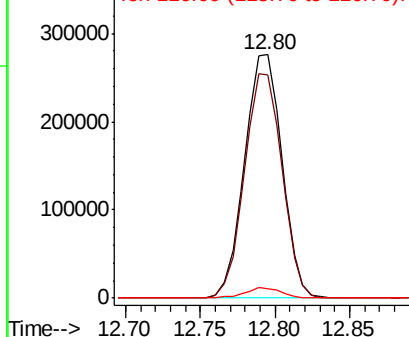


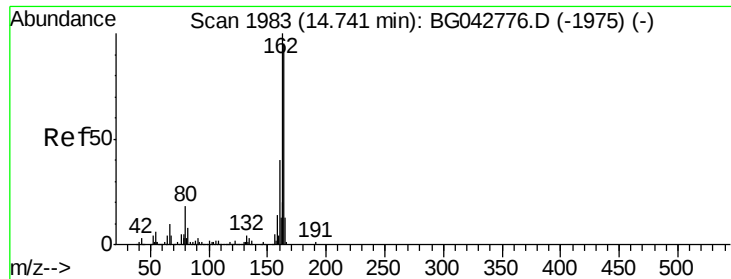
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

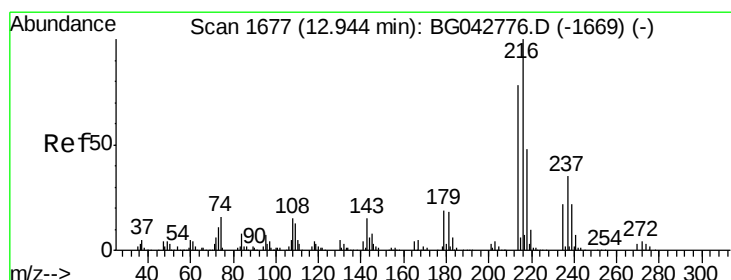
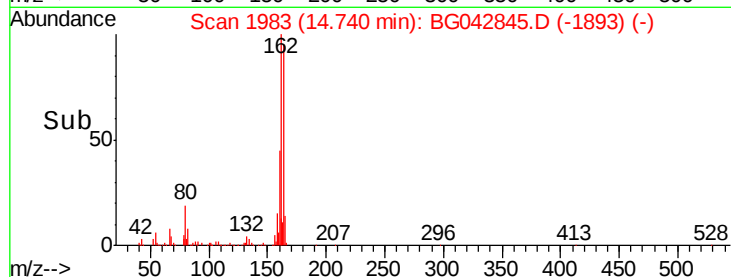
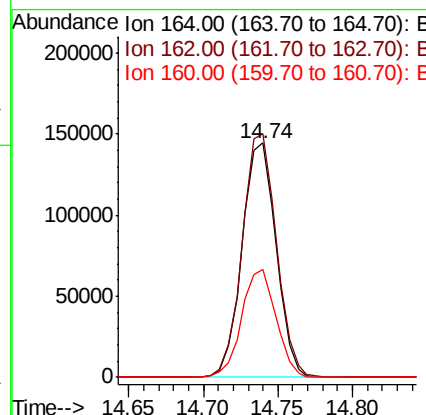
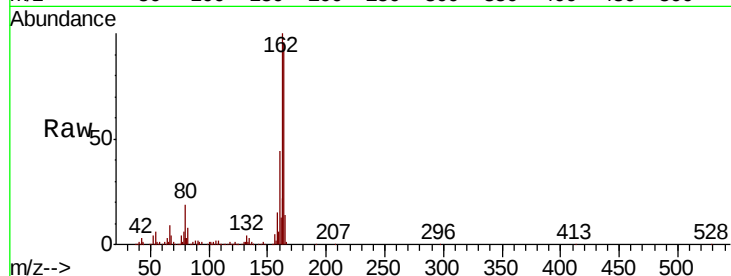
ClientSampleId :

PB123104BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.0	84.6	126.8
160	46.3	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.566 ng

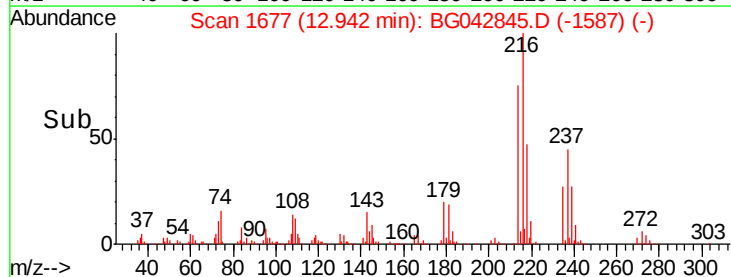
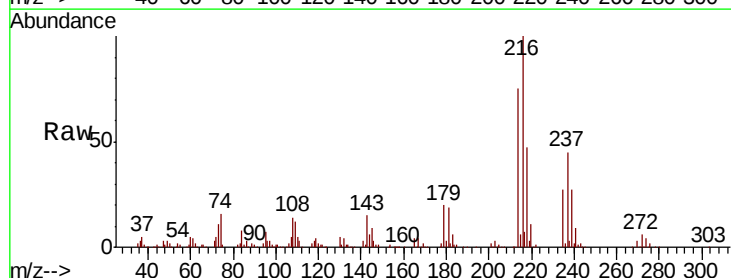
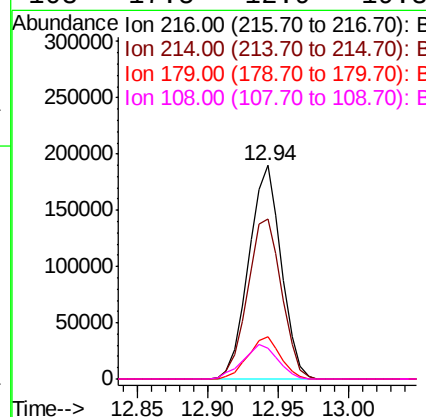
RT: 12.94 min Scan# 1677

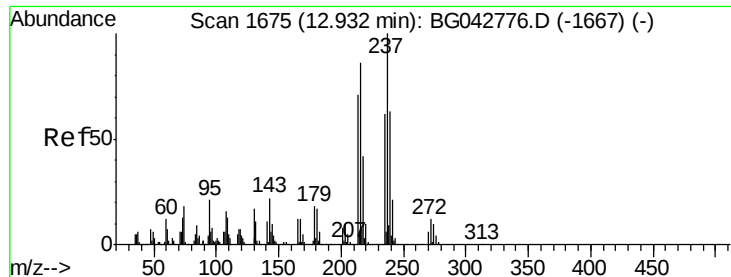
Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	62.8	94.2
179	19.8	15.3	22.9
108	17.5	12.9	19.3





#41

Hexachlorocyclopentadiene

Concen: 85.398 ng

RT: 12.92 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

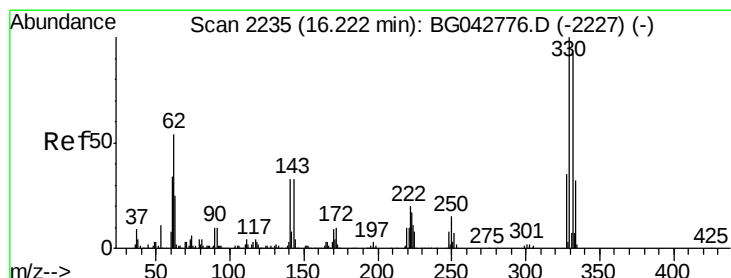
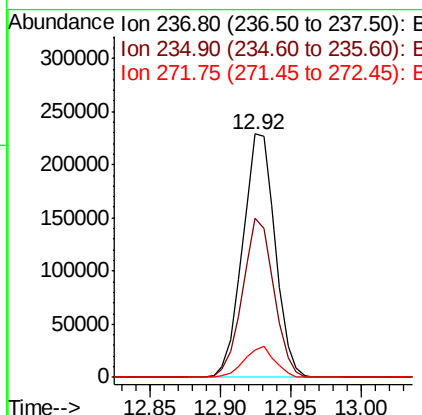
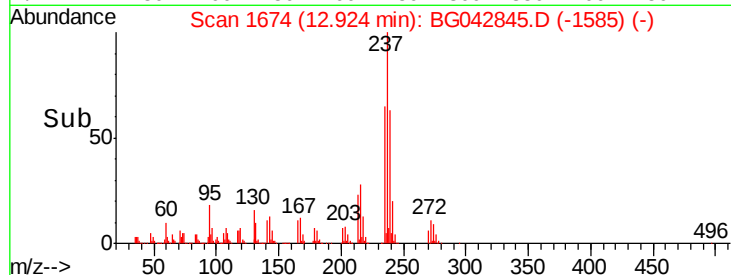
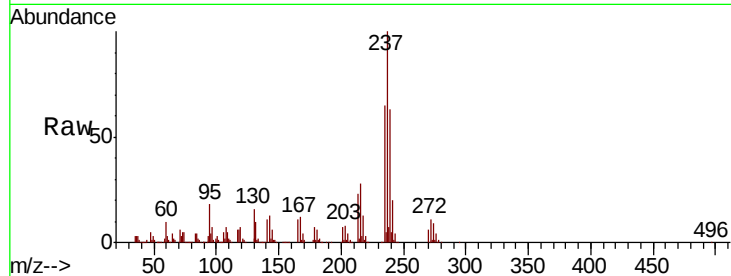
ClientSampleId :

PB123104BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	65.2	41.9	81.9	
272	11.4	0.0	31.6	

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#42

2,4,6-Tribromophenol

Concen: 129.656 ng

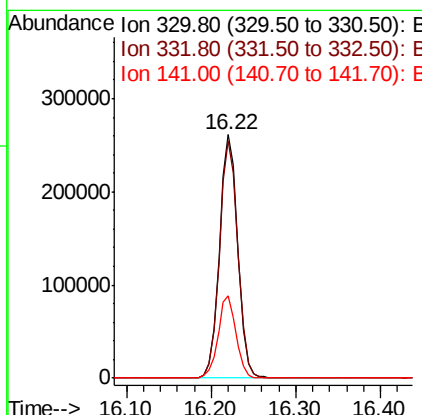
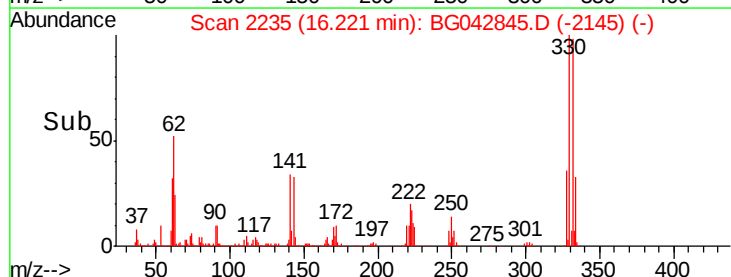
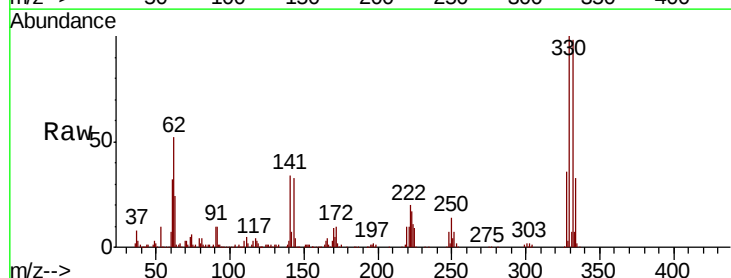
RT: 16.22 min Scan# 2235

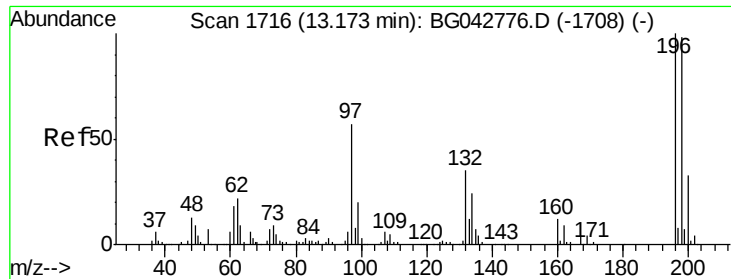
Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.7	76.7	115.1	
141	33.4	27.0	40.6	





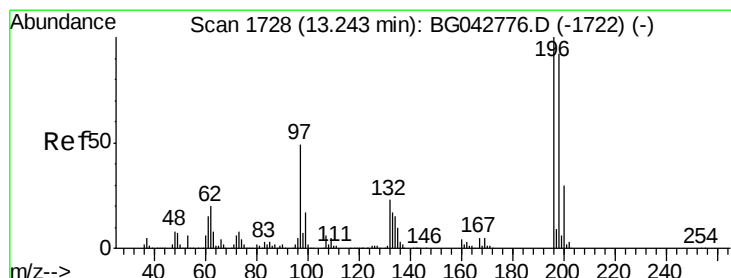
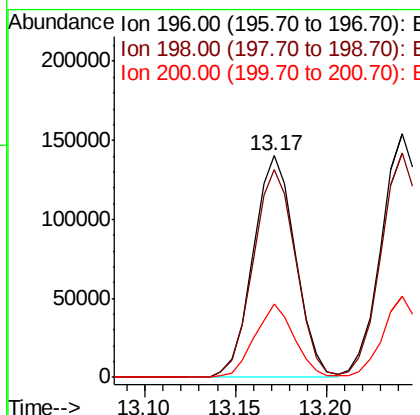
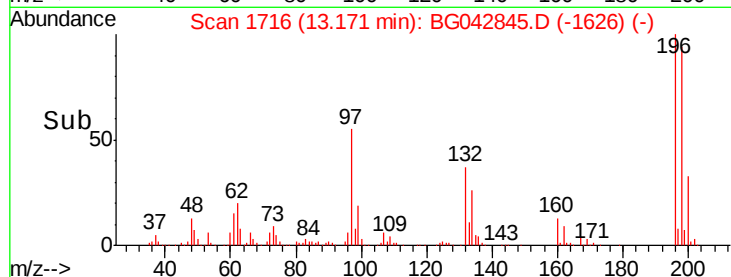
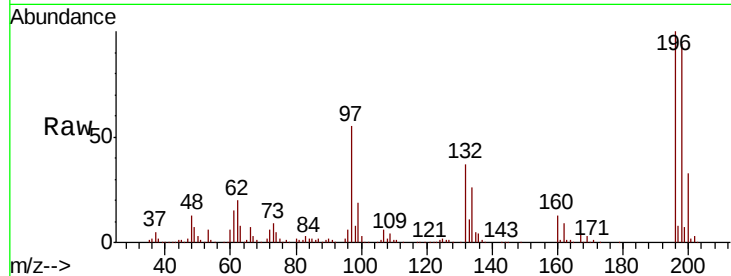
#43
 2,4,6-Trichlorophenol
 Concen: 45.240 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Instrument :
 BNA_G
 ClientSampleId :
 PB123104BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	227030		
198	93.7	78.8	118.2	
200	33.1	26.2	39.4	

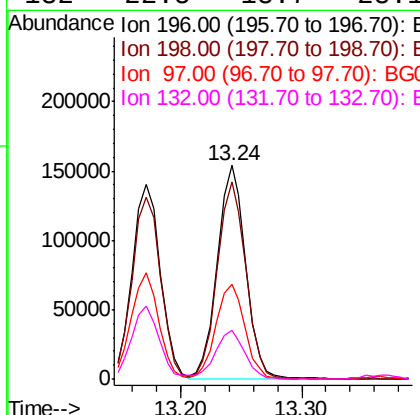
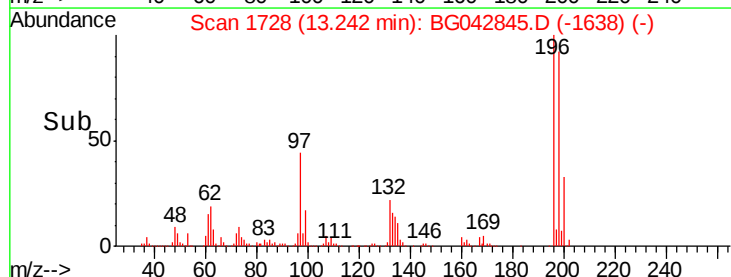
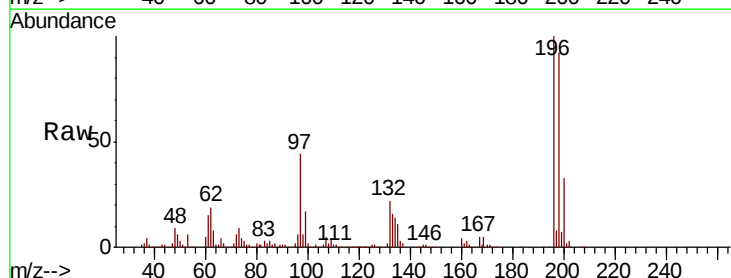
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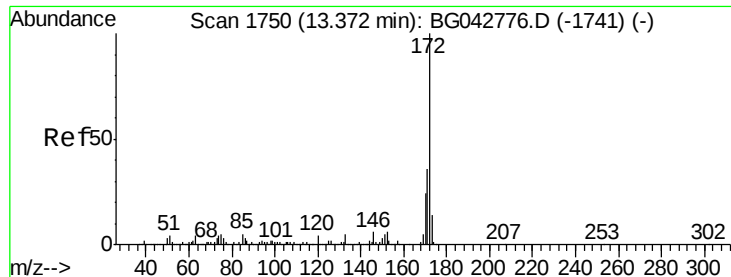
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#44
 2,4,5-Trichlorophenol
 Concen: 48.525 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	249433		
198	92.3	73.4	110.0	
97	44.5	39.2	58.8	
132	22.5	18.7	28.1	





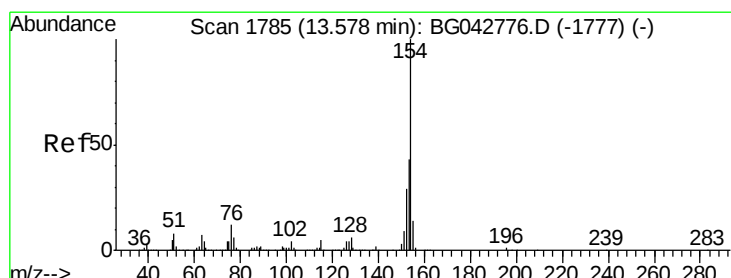
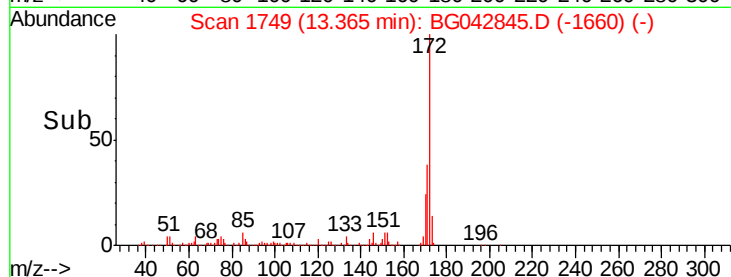
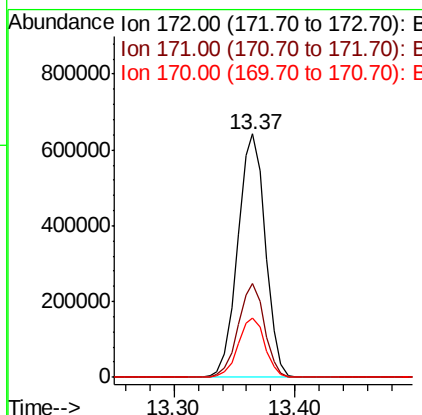
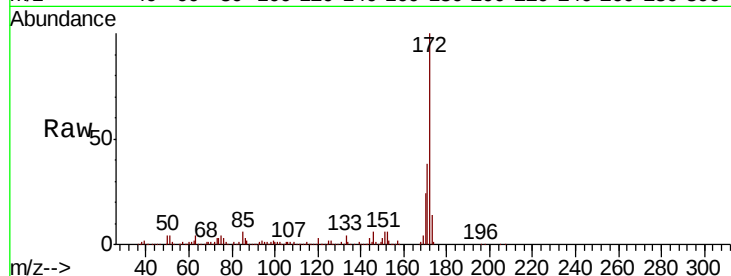
#45
2-Fluorobiphenyl
Concen: 70.619 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Instrument :
BNA_G
ClientSampleId :
PB123104BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	28.9	43.3
170	24.3	19.1	28.7

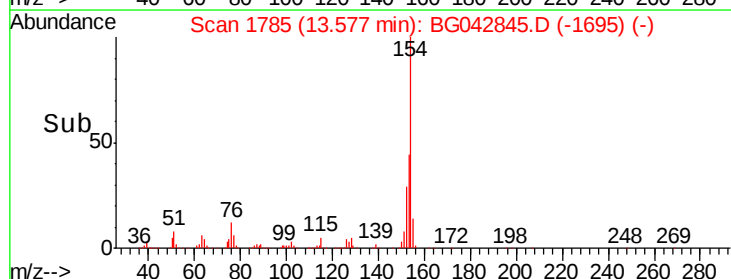
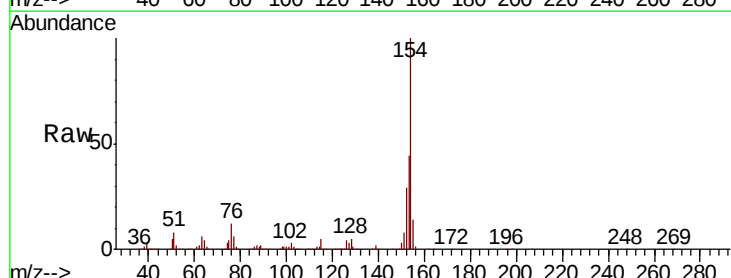
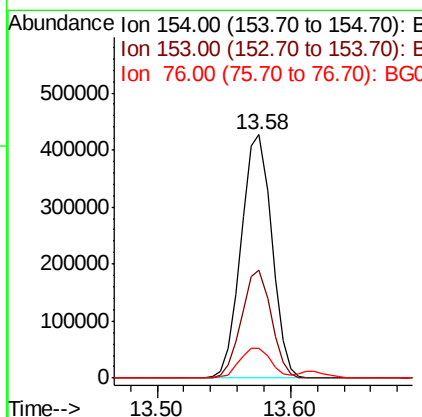
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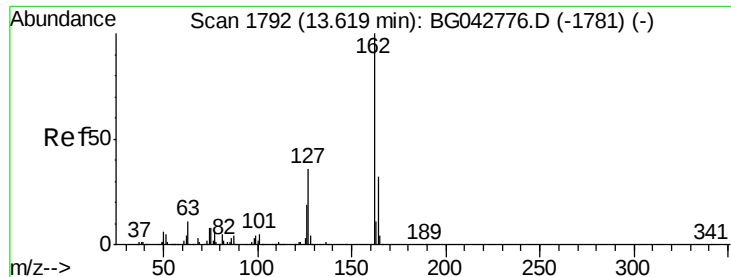
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#46
1,1'-Biphenyl
Concen: 42.412 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.1	22.6	62.6
76	12.3	0.0	32.2





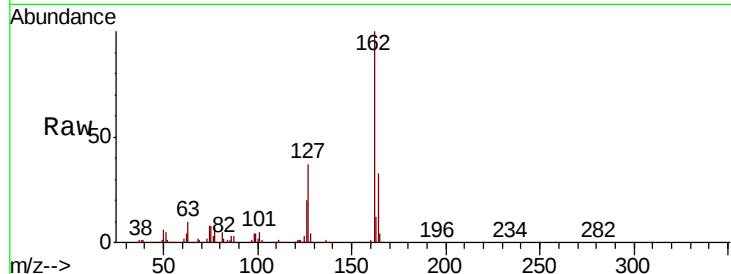
#47
2-Chloronaphthalene
Concen: 40.425 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Instrument :
BNA_G
ClientSampleId :
PB123104BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	37.2	29.3	43.9	
164	33.4	26.0	39.0	

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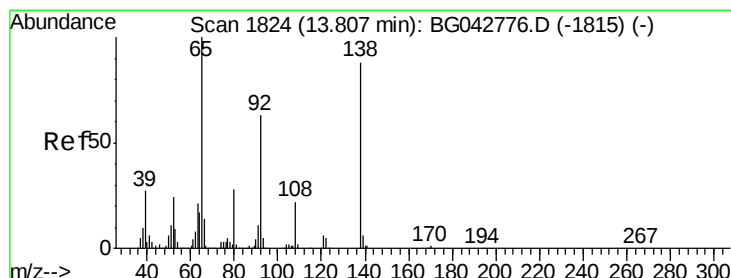
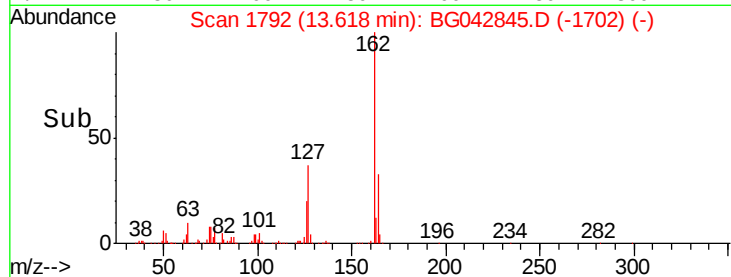
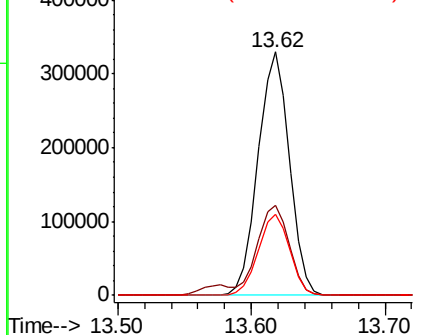


Abundance

Ion 162.00 (161.70 to 162.70): E

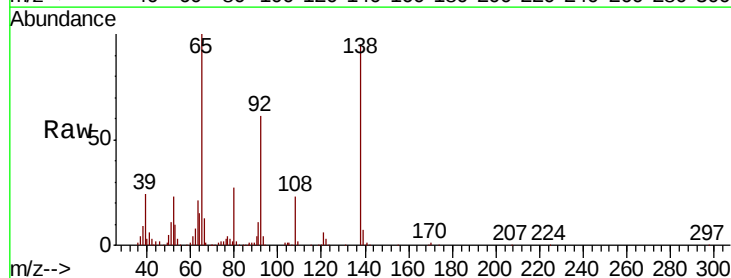
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 45.259 ng
RT: 13.81 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	61.5	50.4	75.6	
138	95.2	70.6	106.0	

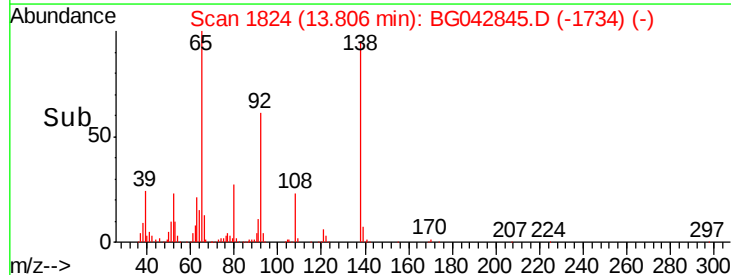
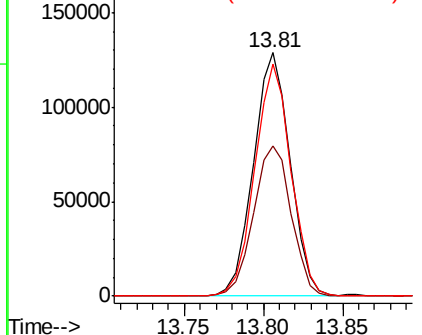


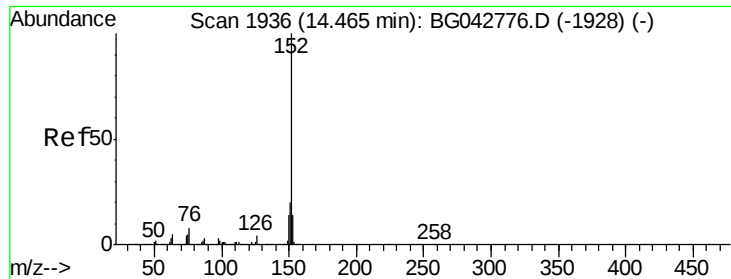
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.951 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

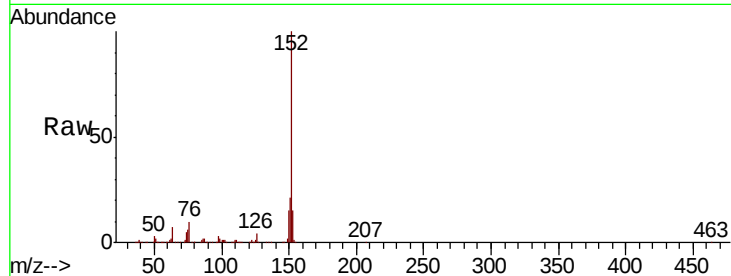
ClientSampleId :

PB123104BS

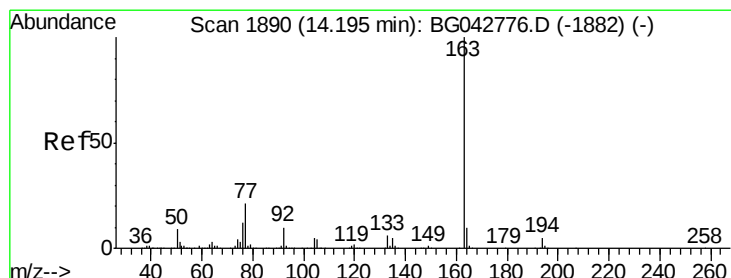
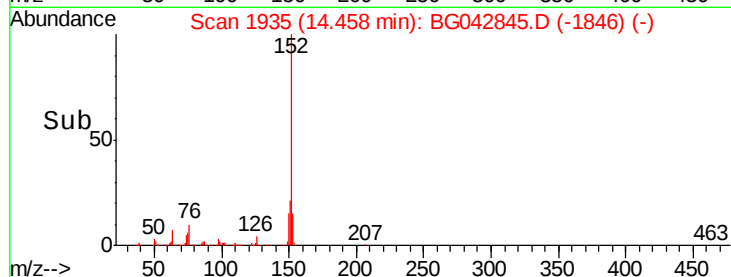
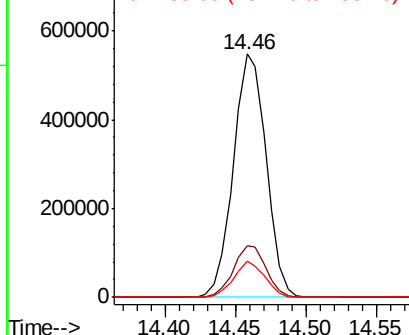
Tot Ion:	152	Resp:	887275
Ion Ratio	Lower	Upper	
152	100		
151	21.5	16.0	24.0
153	14.7	11.4	17.0

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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 43.659 ng

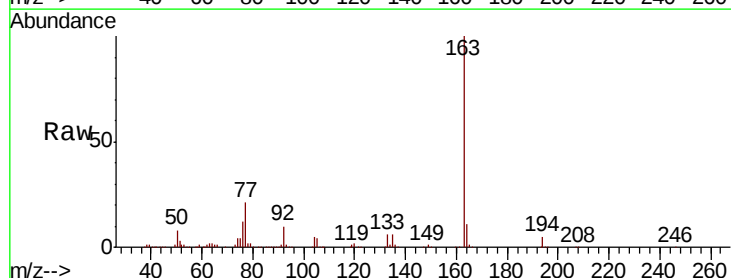
RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

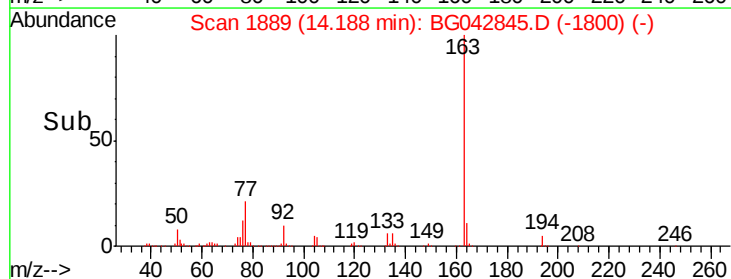
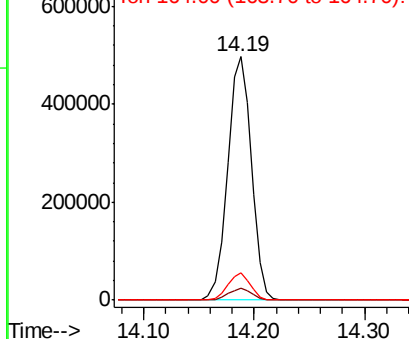
Lab File: BG042845.D

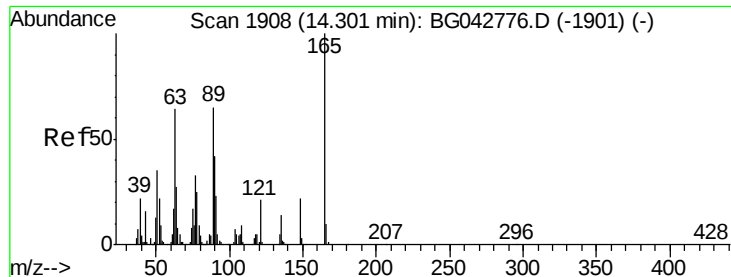
Acq: 16 Sep 2019 12:08

Tgt Ion:	163	Resp:	746076
Ion Ratio	Lower	Upper	
163	100		
194	5.0	4.2	6.4
164	11.1	8.4	12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





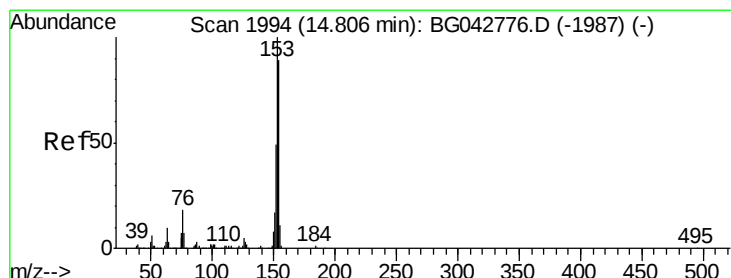
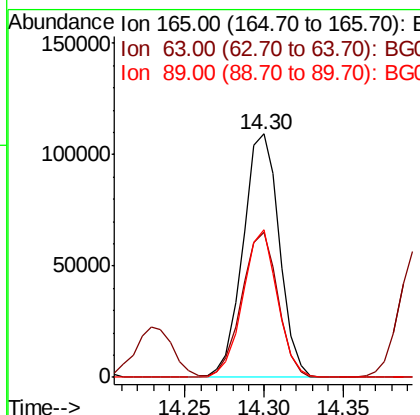
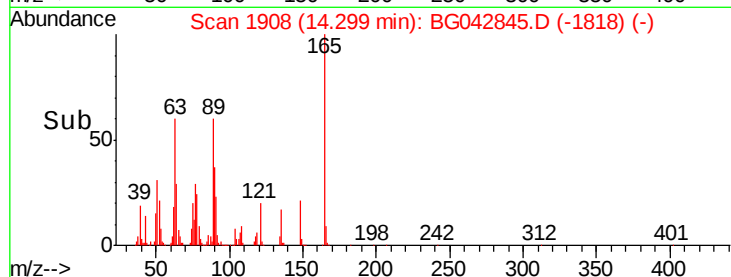
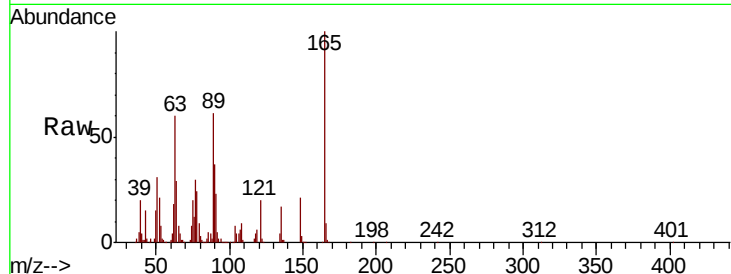
#51
 2,6-Dinitrotoluene
 Concen: 49.494 ng
 RT: 14.30 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Instrument :
 BNA_G
 ClientSampled :
 PB123104BS

Tot Ion:	165	Resp:	173545
Ion Ratio	Lower	Upper	
165	100		
63	59.8	52.1	78.1
89	60.7	51.7	77.5

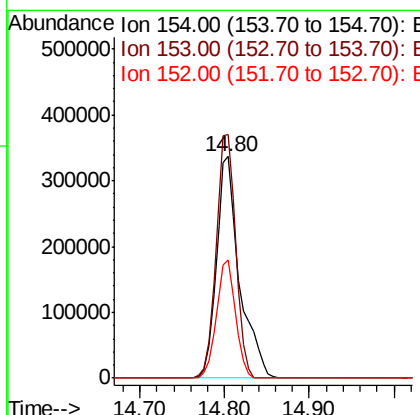
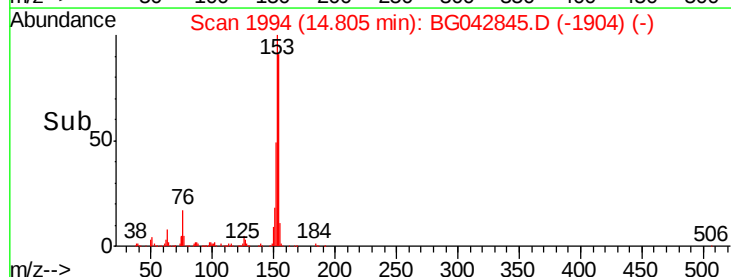
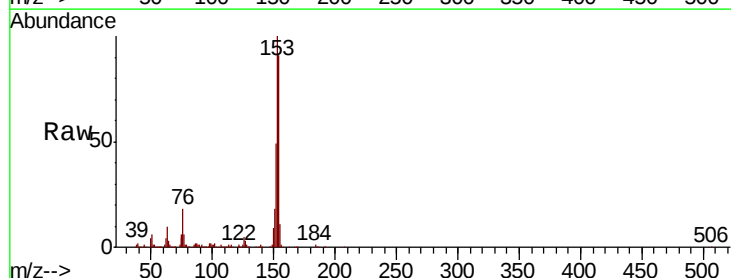
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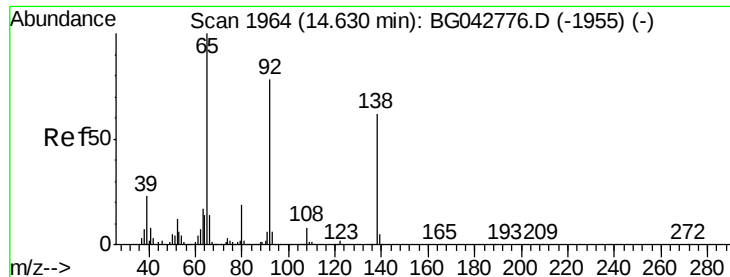
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#52
 Acenaphthene
 Concen: 48.725 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. -0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Tgt Ion:	154	Resp:	642616
Ion Ratio	Lower	Upper	
154	100		
153	109.8	89.4	134.2
152	53.5	43.5	65.3





#53

3-Nitroaniline

Concen: 34.323 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

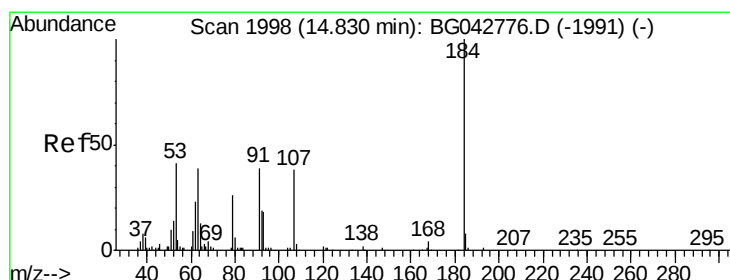
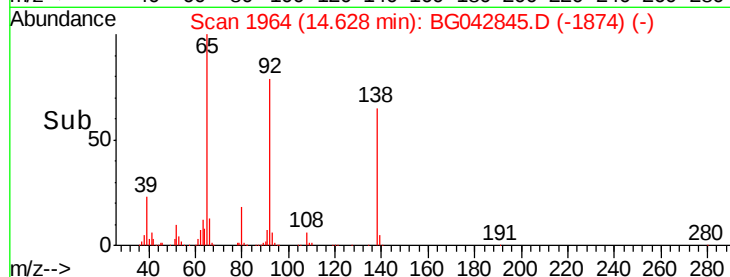
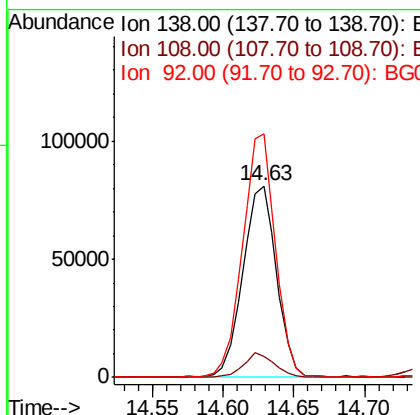
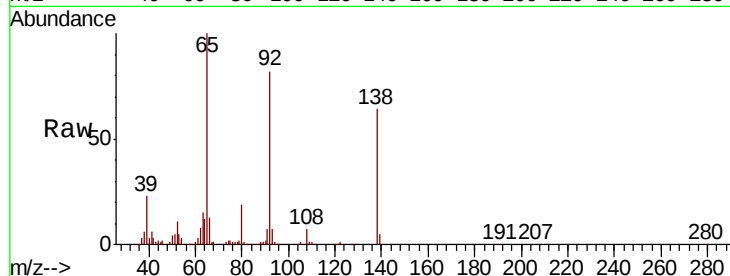
ClientSampleId :

PB123104BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	10.7	16.1
92	127.1	100.5	150.7

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#54

2,4-Dinitrophenol

Concen: 110.641 ng

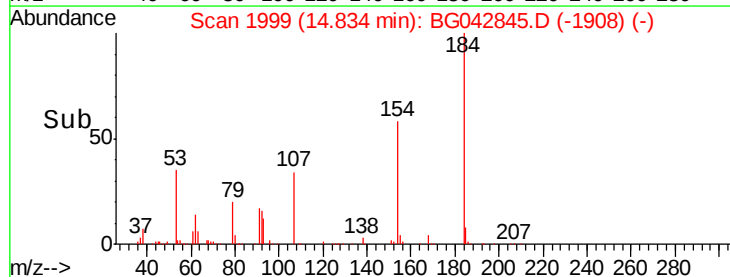
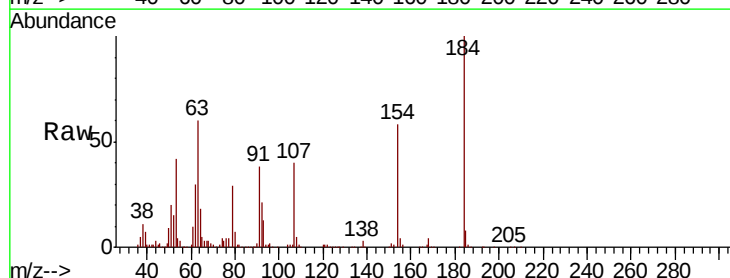
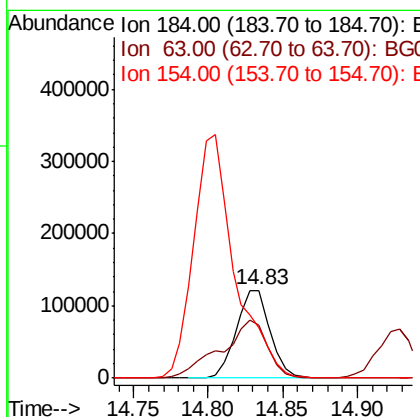
RT: 14.83 min Scan# 1999

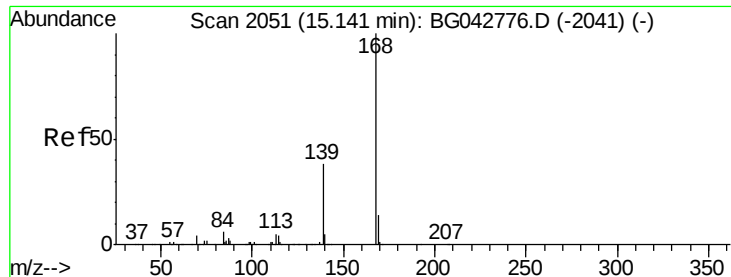
Delta R.T. 0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.9	46.2	69.4
154	58.0	81.3	121.9#





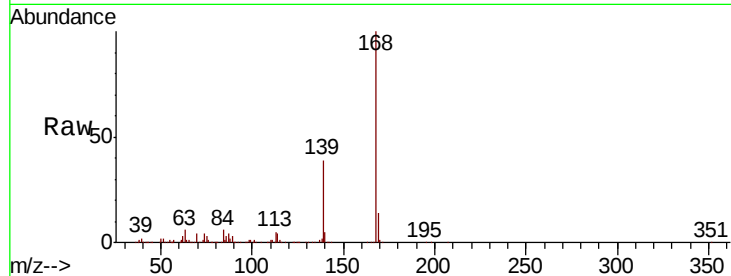
#55
Dibenzenofuran
Concen: 44.095 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Instrument :
BNA_G
ClientSampleId :
PB123104BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	38.9	30.2	45.4	
169	14.1	11.2	16.8	

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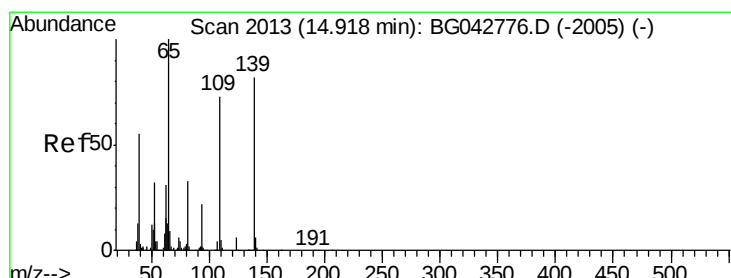
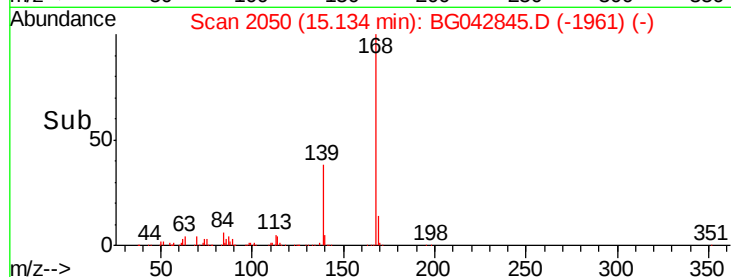
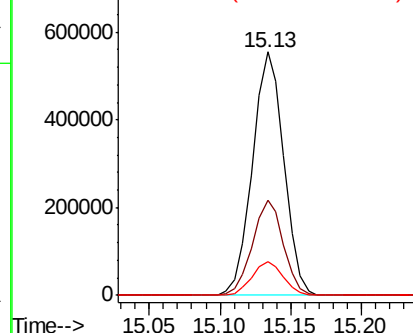


Abundance

Ion 168.00 (167.70 to 168.70): E

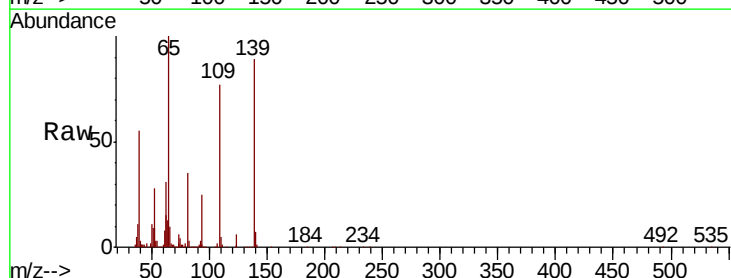
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 106.985 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	86.6	69.4	109.4	
65	112.9	102.5	142.5	

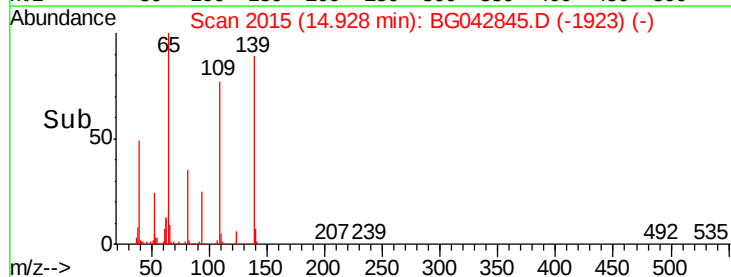
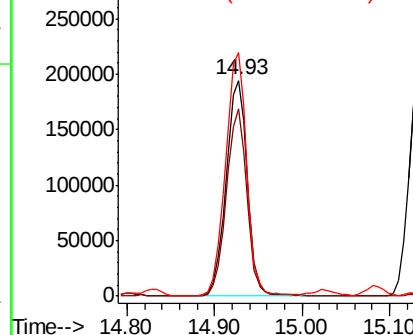


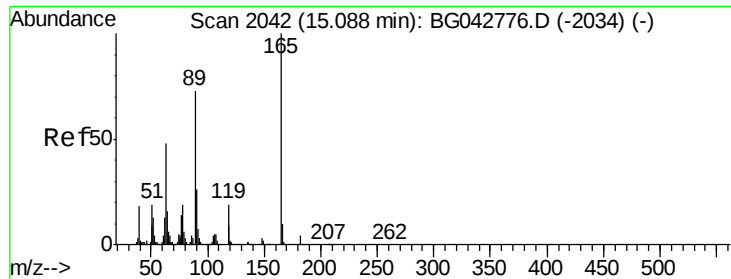
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





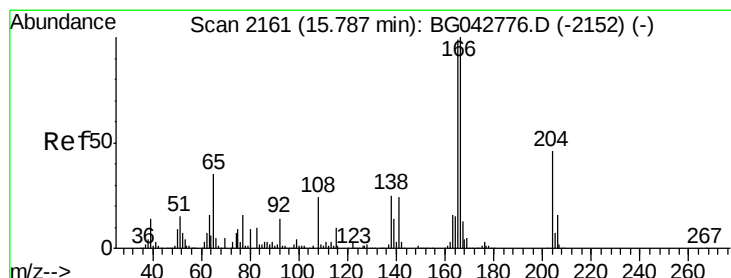
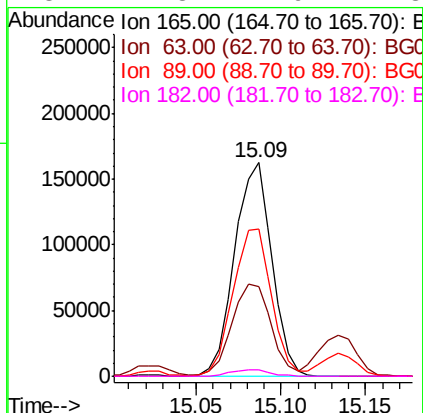
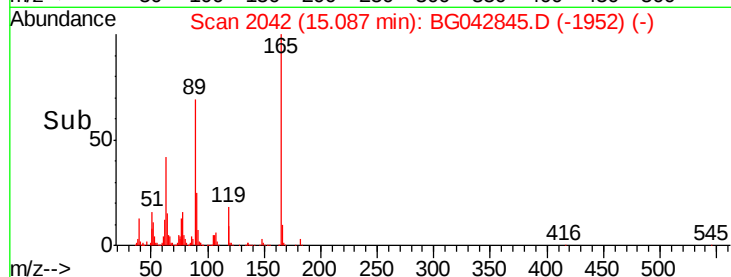
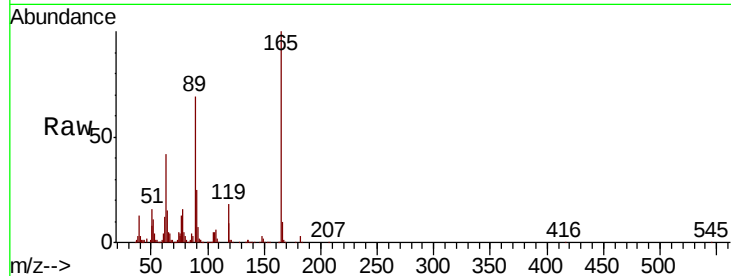
#57
 2,4-Dinitrotoluene
 Concen: 53.343 ng
 RT: 15.09 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Instrument :
 BNA_G
 ClientSampleId :
 PB123104BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	249314		
63	42.2		38.3	57.5
89	68.7		58.4	87.6
182	2.8		2.9	4.3#

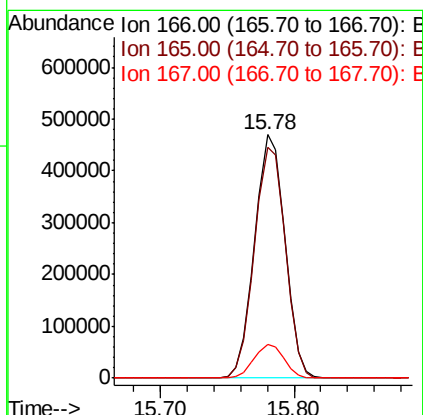
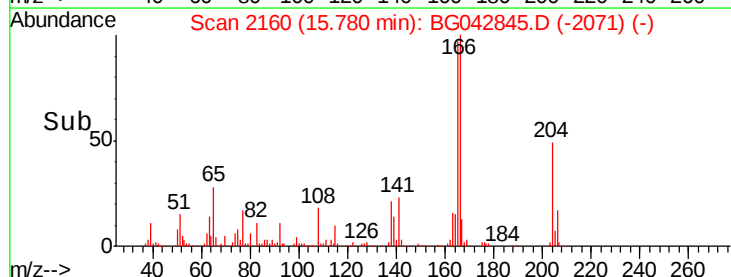
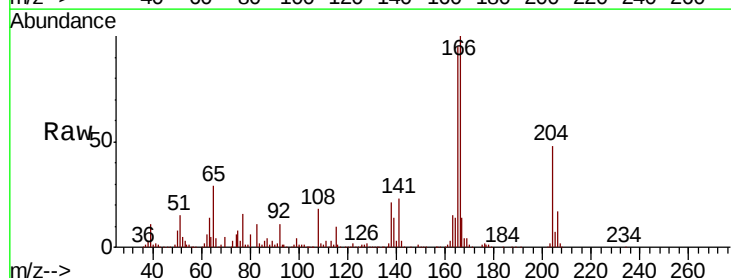
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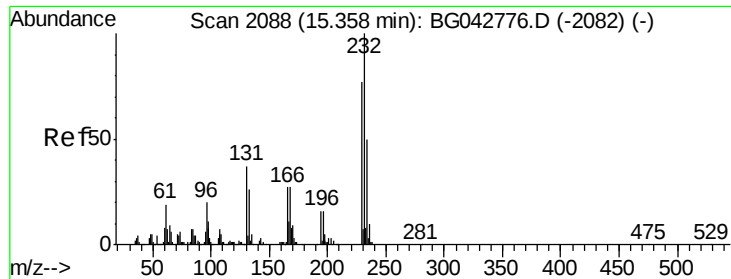
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#58
 Fluorene
 Concen: 45.270 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	735481		
165	95.0		79.1	118.7
167	13.8		10.7	16.1





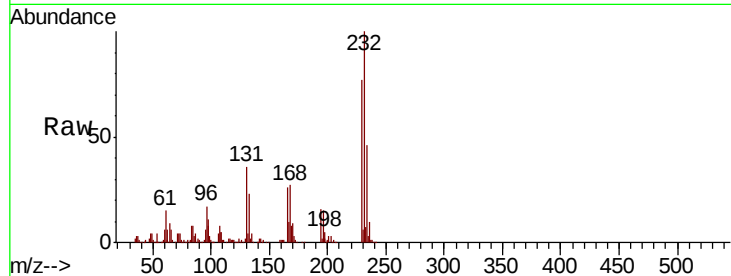
#59
2,3,4,6-Tetrachlorophenol
Concen: 49.997 ng
RT: 15.36 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Instrument :
BNA_G
ClientSampleId :
PB123104BS

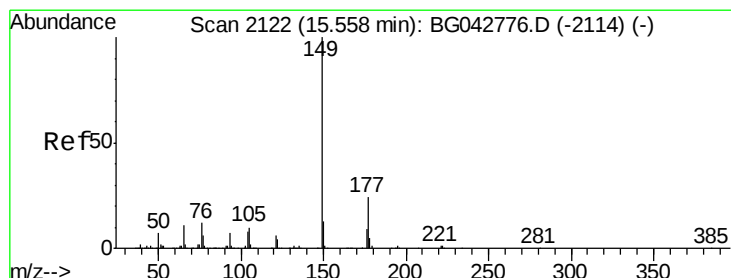
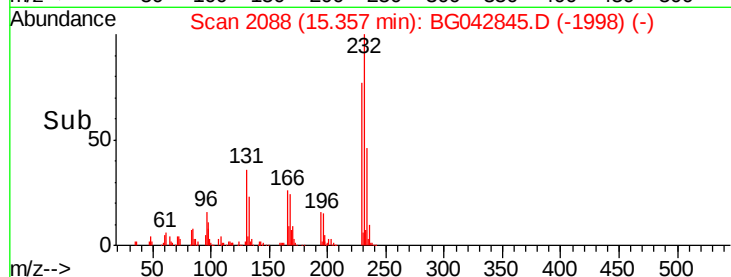
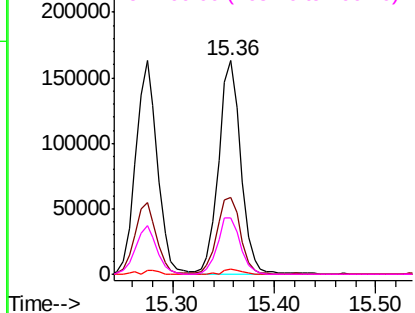
Tot Ion	Ratio	Resp	Lower	Upper
232	100	249133		
131	37.6		31.1	46.7
130	2.1		1.8	2.6
166	27.1		21.7	32.5

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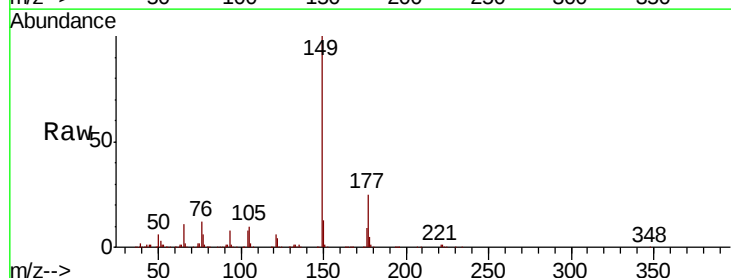


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

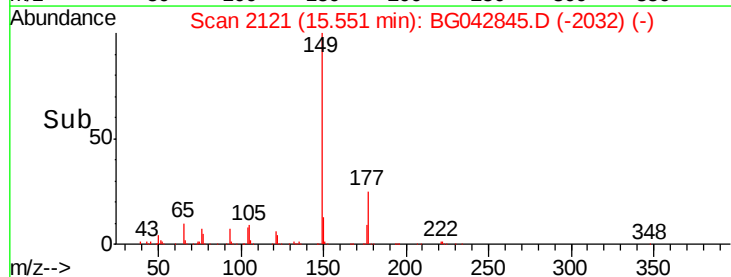
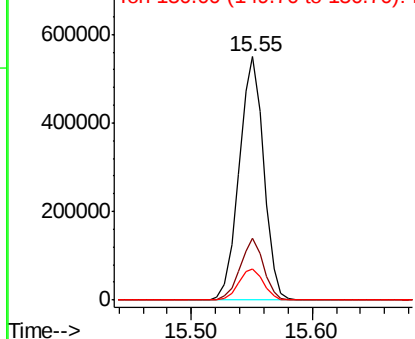


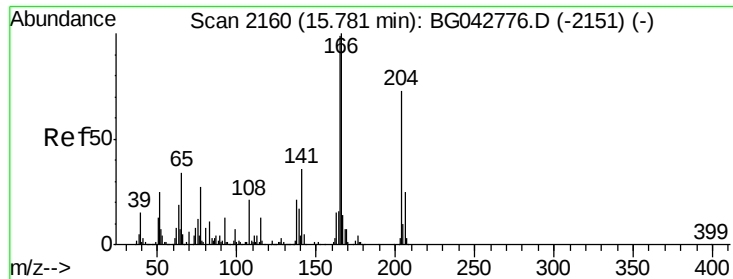
#60
Diethylphthalate
Concen: 44.745 ng
RT: 15.55 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	776157		
177	25.3		19.4	29.0
150	12.8		10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 42.673 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

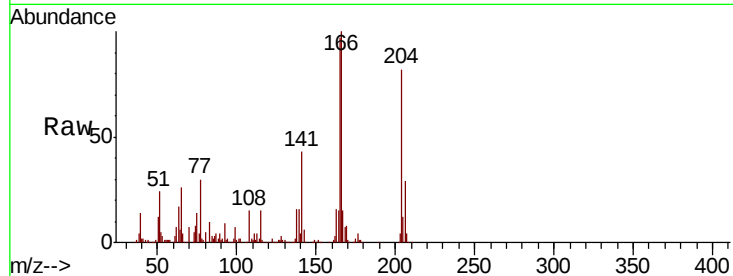
ClientSampleId :

PB123104BS

Tot Ion:	204	Resp:	409919
Ion Ratio	Lower	Upper	
204	100		
206	35.4	27.6	41.4
141	51.7	39.8	59.6

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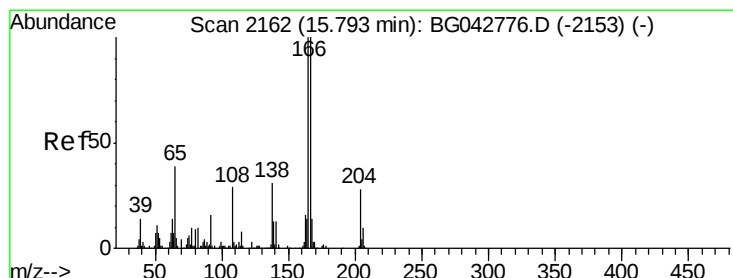
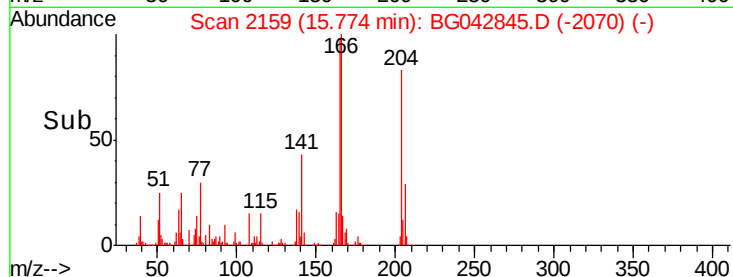
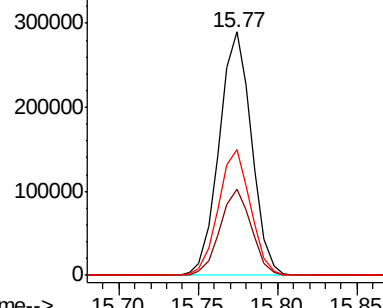


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 48.314 ng

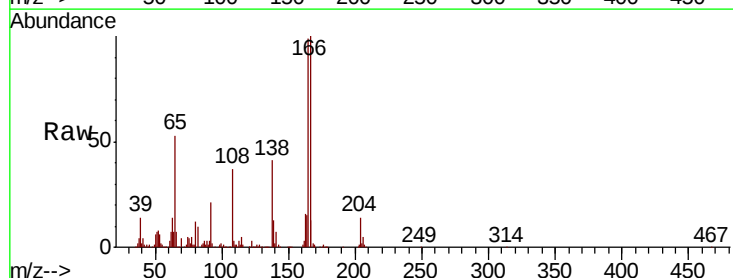
RT: 15.79 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Tgt Ion:	138	Resp:	204944
Ion Ratio	Lower	Upper	
138	100		
92	50.9	31.4	71.4
108	92.0	74.8	114.8

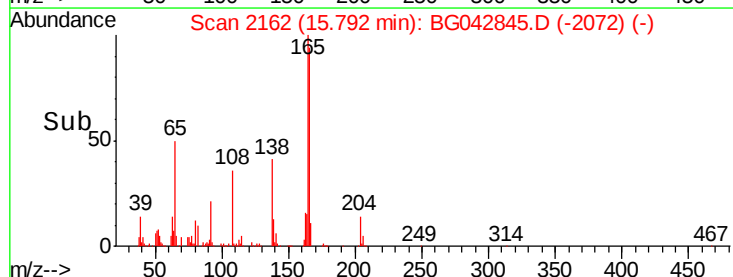
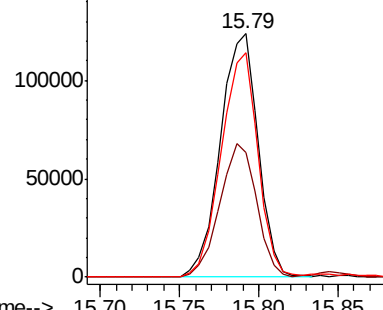


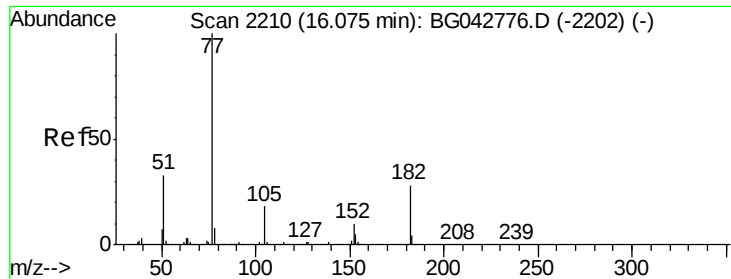
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E





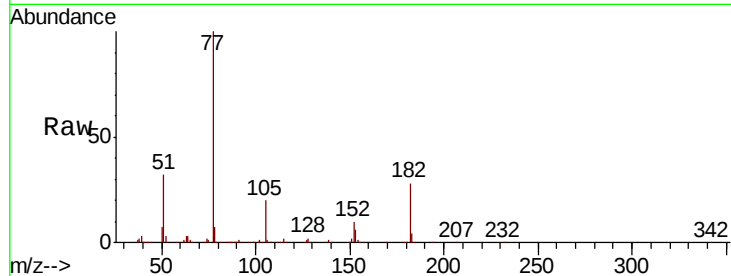
#63
Azobenzene
Concen: 44.788 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Instrument :
BNA_G
ClientSampleId :
PB123104BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	77	100	748130		
182	182	28.4	8.1	48.1	
105	105	19.6	0.0	38.1	
51	51	31.8	12.9	52.9	

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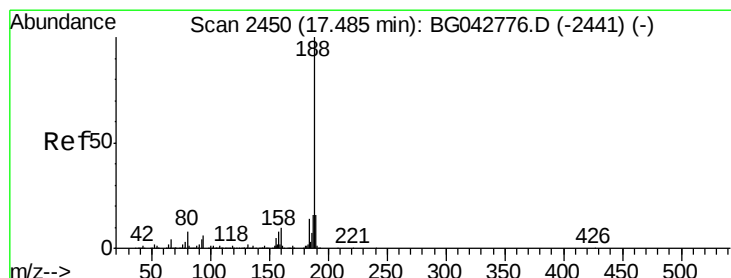
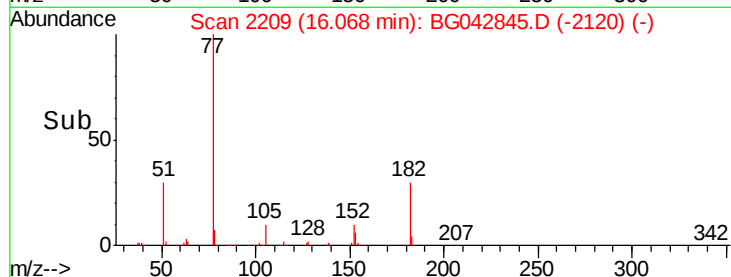
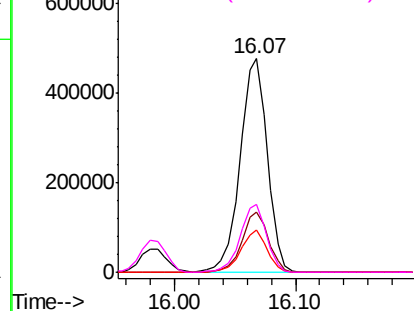
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

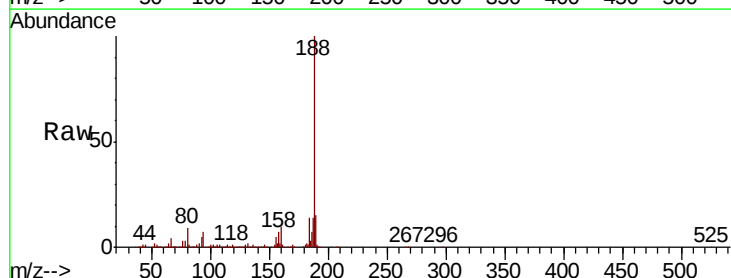
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	188	100	595617		
94	94	6.6	4.8	7.2	
80	80	9.0	6.6	9.8	

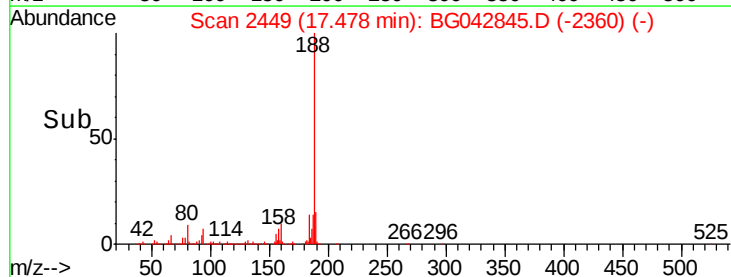
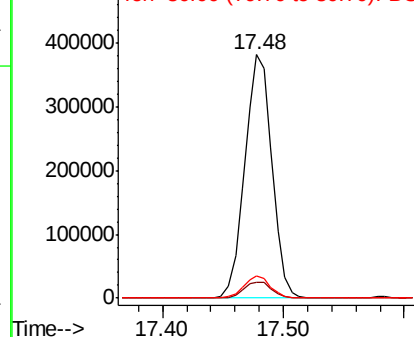


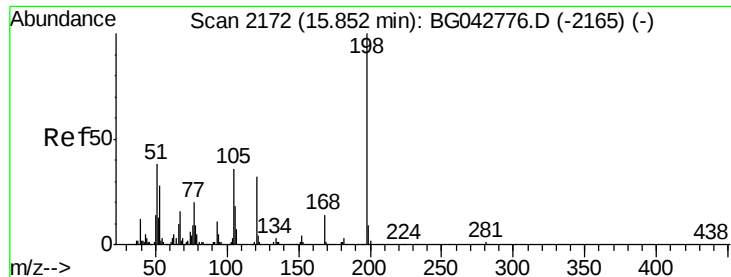
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 54.079 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

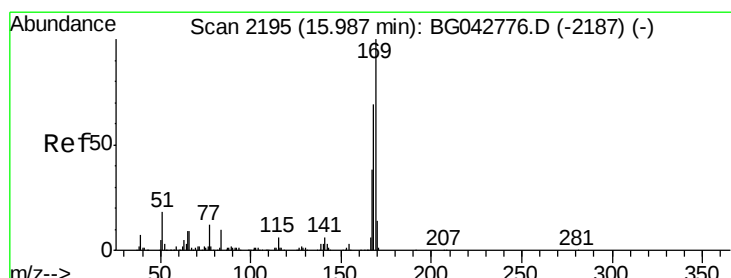
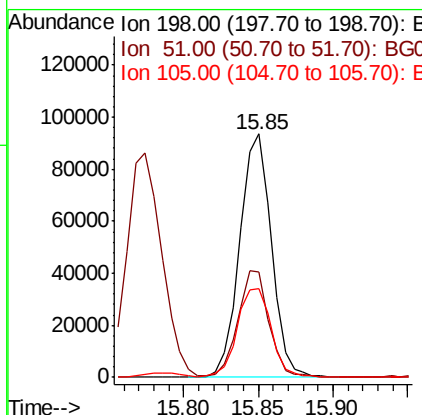
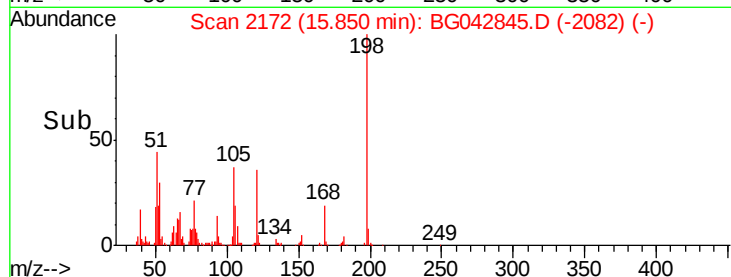
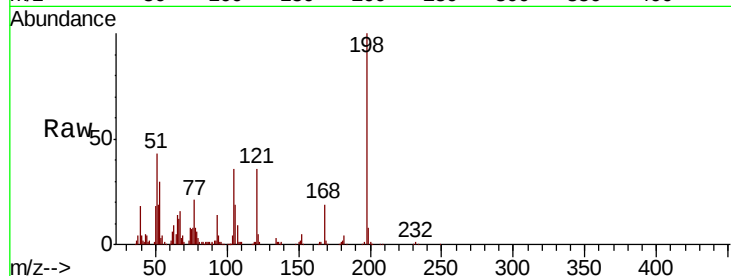
ClientSampleId :

PB123104BS

Tot Ion:	198	Resp:	137822
Ion Ratio	Lower	Upper	
198	100		
51	43.5	20.9	60.9
105	36.5	16.4	56.4

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#66

n-Nitrosodiphenylamine

Concen: 42.026 ng

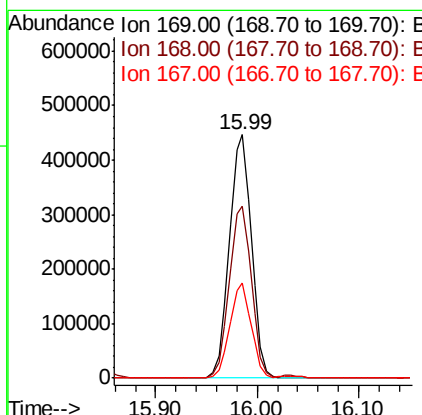
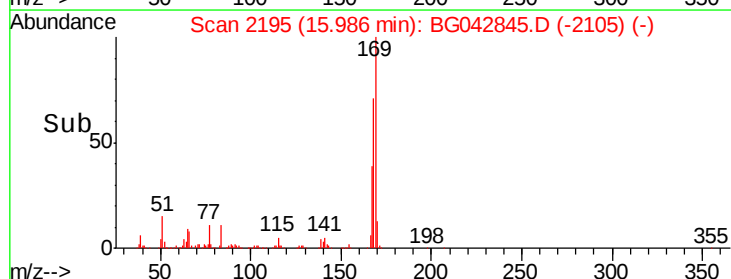
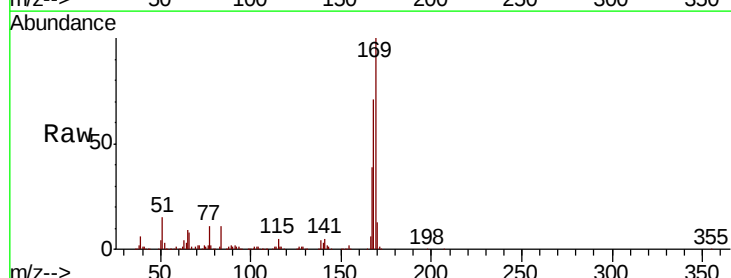
RT: 15.99 min Scan# 2195

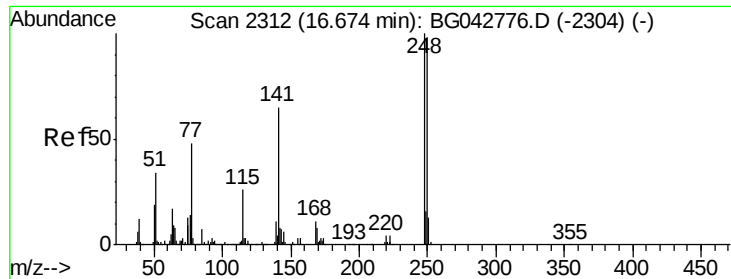
Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Tgt Ion:	169	Resp:	673570
Ion Ratio	Lower	Upper	
169	100		
168	70.6	55.4	83.2
167	39.1	30.4	45.6





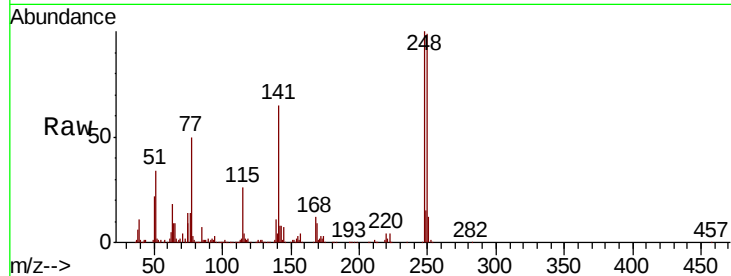
#67
4-Bromophenyl-phenylether
Concen: 39.125 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Instrument :
BNA_G
ClientSampled :
PB123104BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.6	78.0	117.0
141	65.4	51.8	77.6

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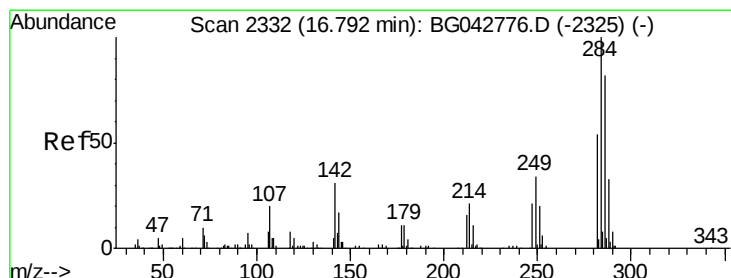
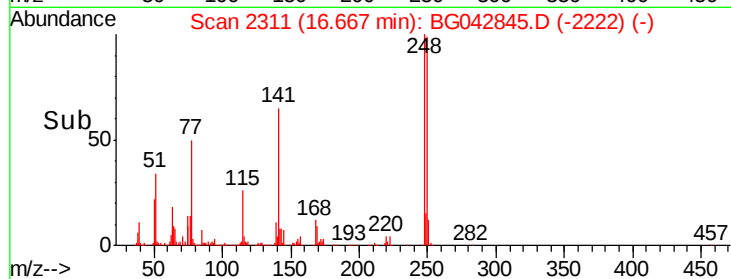
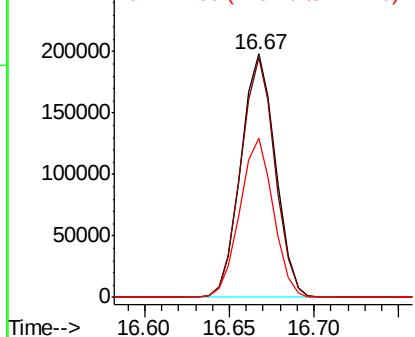


Abundance

Ion 248.00 (247.70 to 248.70): E

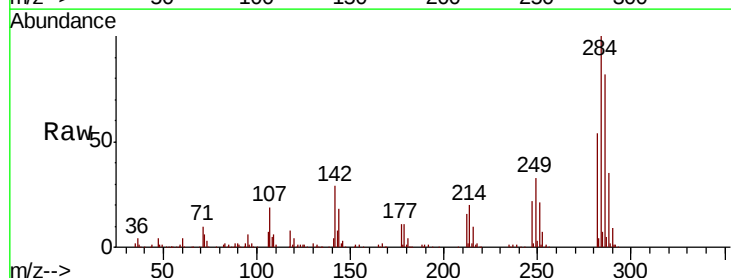
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.135 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.1	24.7	37.1
249	33.0	27.0	40.4

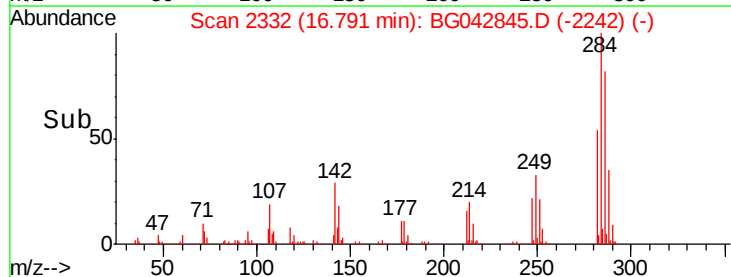
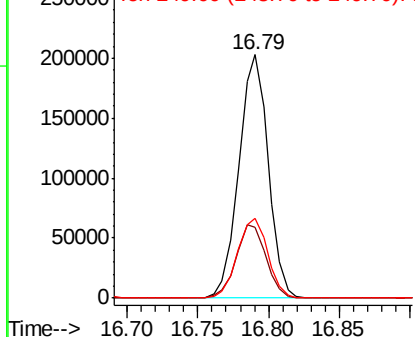


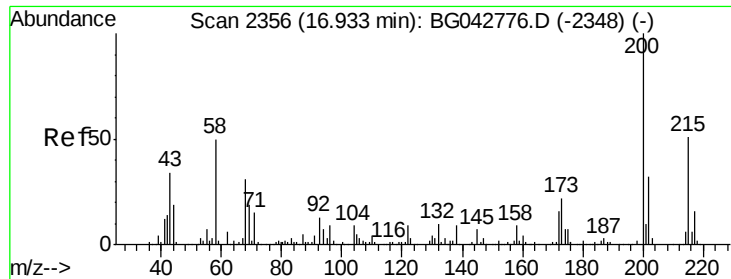
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





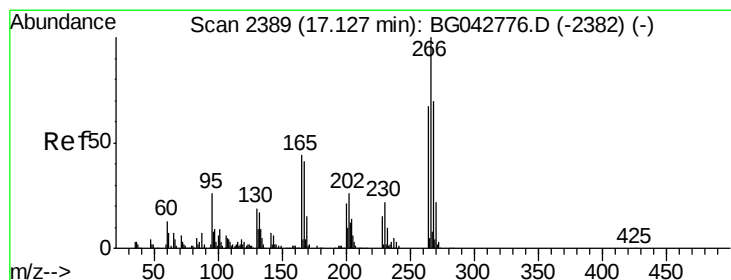
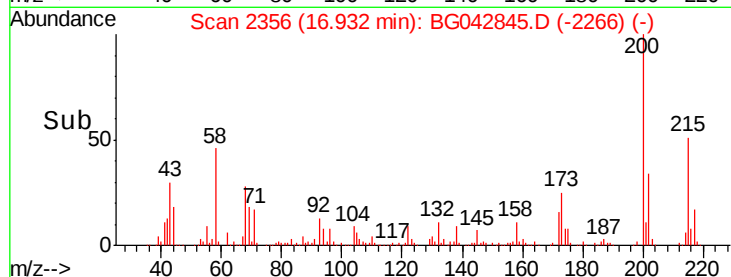
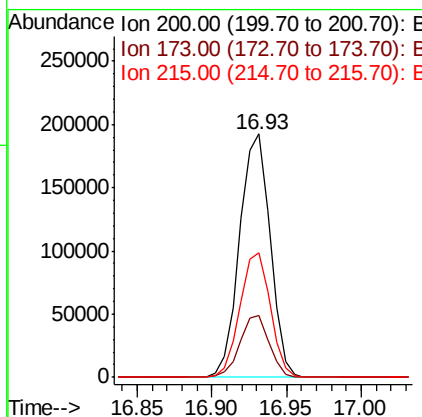
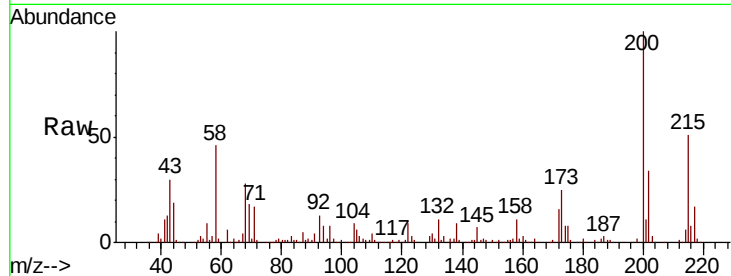
#69
 Atrazine
 Concen: 49.126 ng
 RT: 16.93 min Scan# 2356
 Delta R.T. -0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Instrument :
 BNA_G
 ClientSampled :
 PB123104BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	274188		
173	25.5	2.5	42.5	
215	51.4	31.0	71.0	

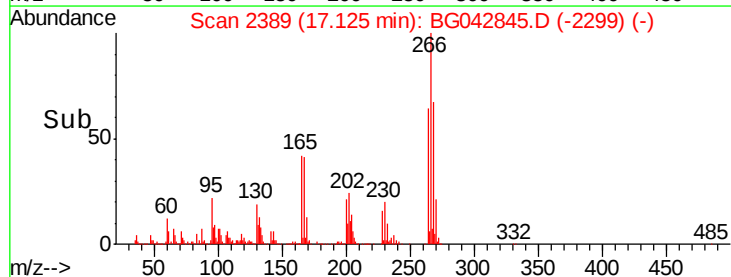
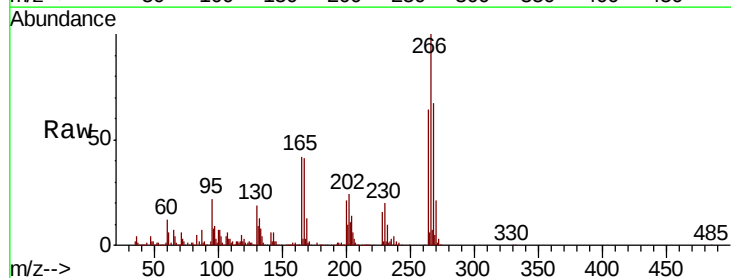
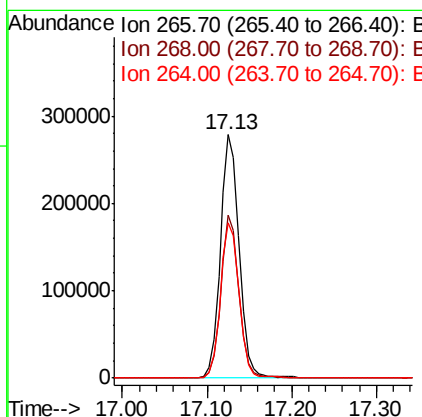
Manual Integrations
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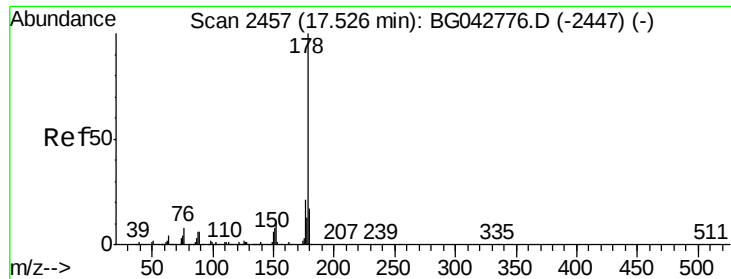
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#70
 Pentachlorophenol
 Concen: 93.986 ng
 RT: 17.13 min Scan# 2389
 Delta R.T. -0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	429493		
268	67.0	56.2	84.4	
264	63.7	53.4	80.2	





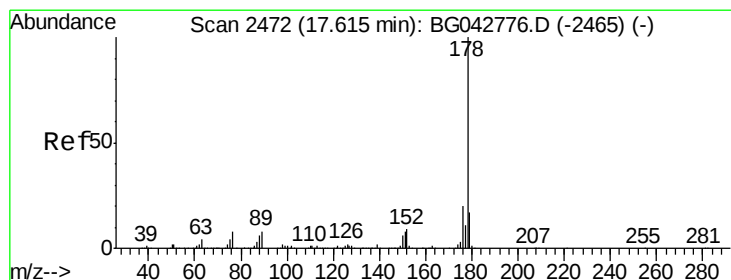
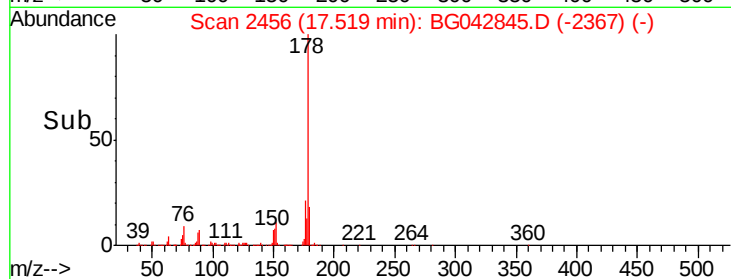
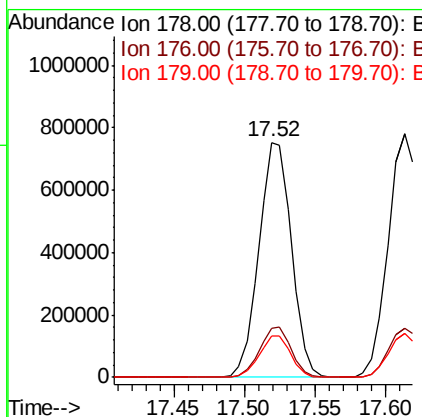
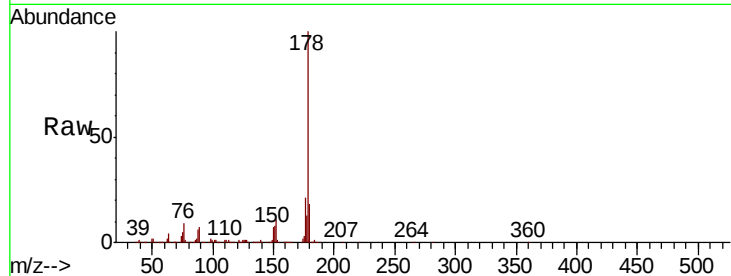
#71
Phenanthrene
Concen: 42.923 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Instrument :
BNA_G
ClientSampled :
PB123104BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.1	17.0	25.4
179	17.7	13.6	20.4

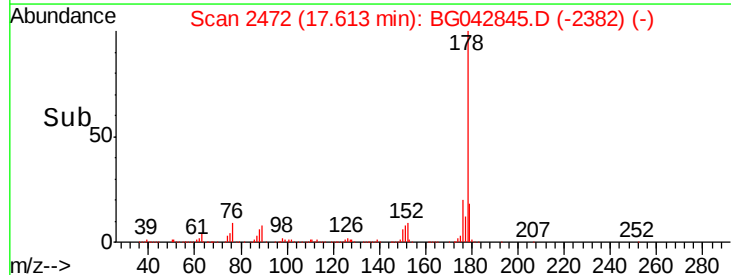
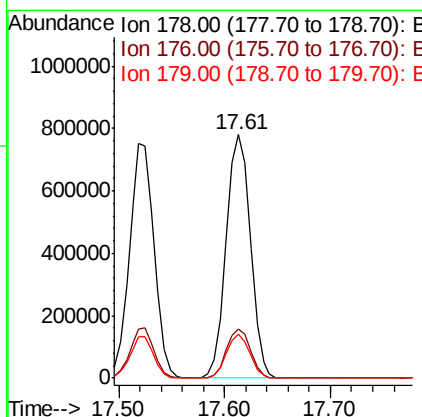
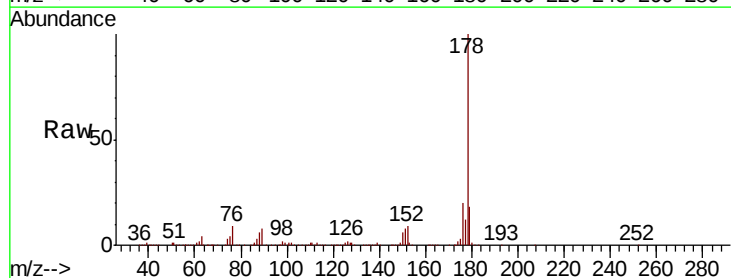
Manual Integrations
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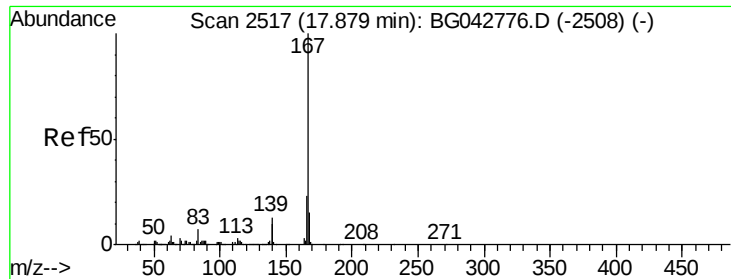
mohammad
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#72
Anthracene
Concen: 43.479 ng
RT: 17.61 min Scan# 2472
Delta R.T. -0.00 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	17.9	13.6	20.4





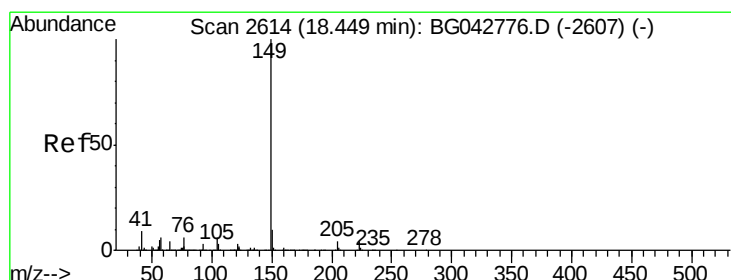
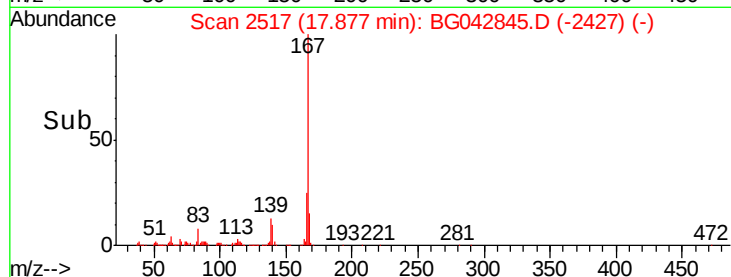
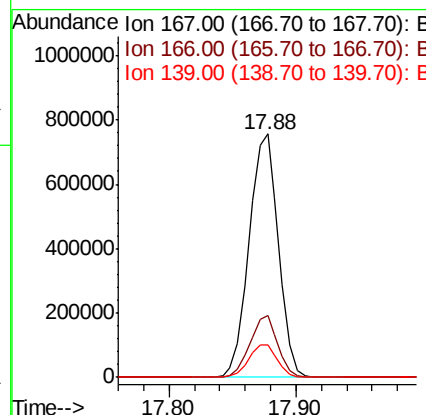
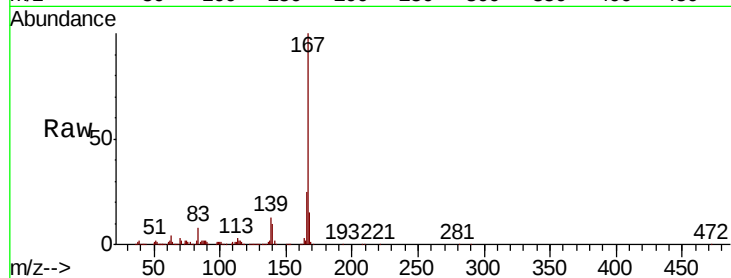
#73
 Carbazole
 Concen: 44.759 ng
 RT: 17.88 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Instrument :
 BNA_G
 ClientSampleId :
 PB123104BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.3	18.3	27.5
139	13.5	10.2	15.4

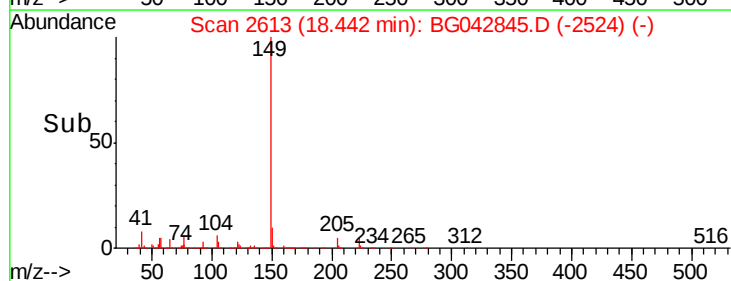
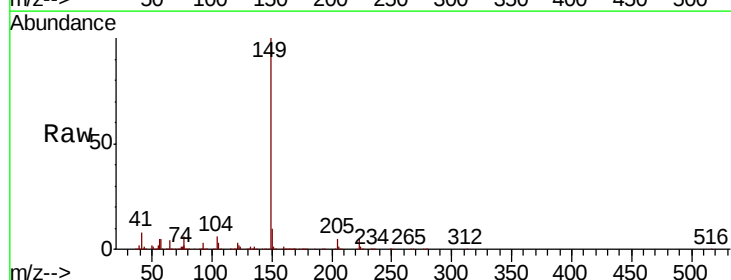
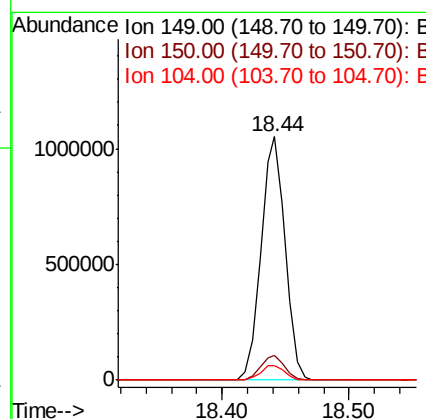
Manual Integrations
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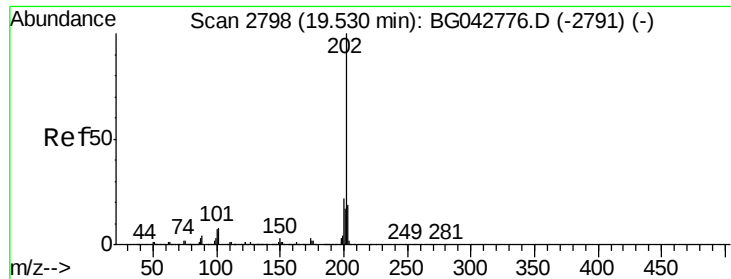
mohammad
 9/17/2019 1:26:37 PM



#74
 Di-n-butylphthalate
 Concen: 42.774 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	8.0	12.0
104	6.2	5.1	7.7





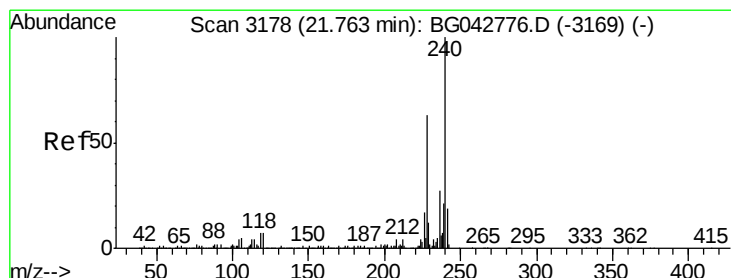
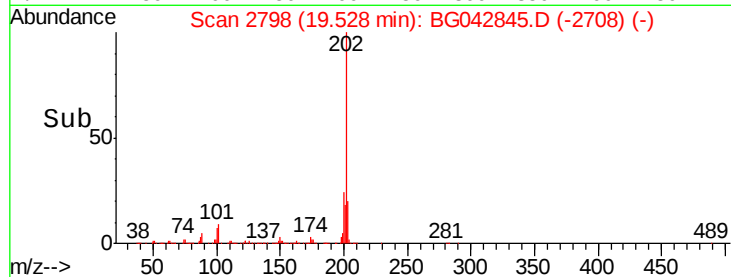
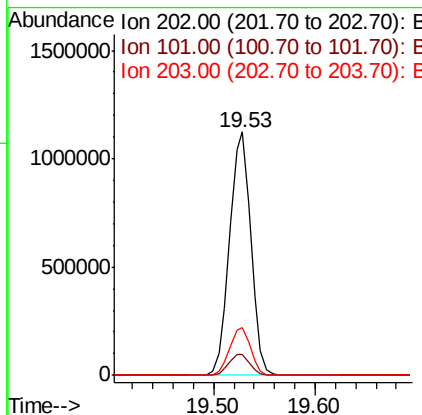
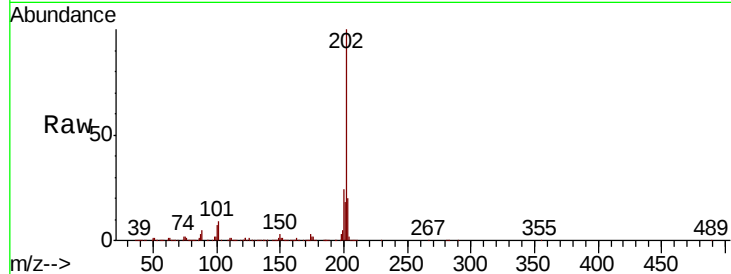
#75
 Fluoranthene
 Concen: 44.038 ng
 RT: 19.53 min Scan# 2798
 Delta R.T. -0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Instrument :
 BNA_G
 ClientSampleId :
 PB123104BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	27.8
203	19.6	0.0	39.1

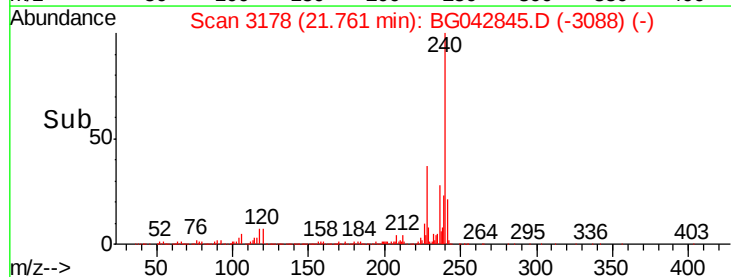
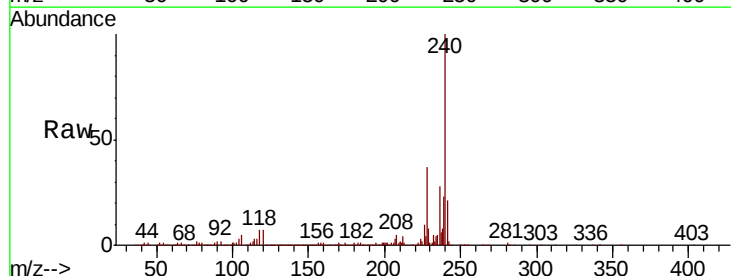
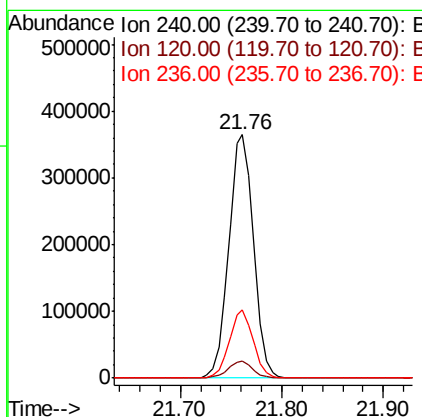
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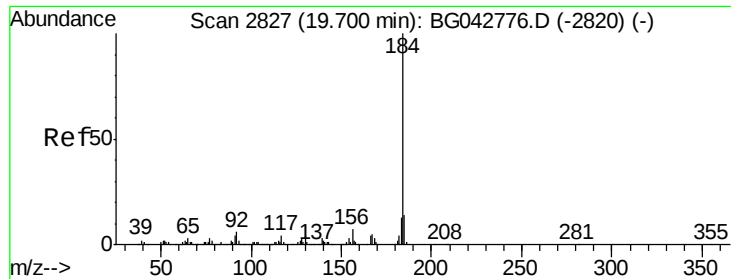
mohammad
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#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3178
 Delta R.T. -0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.4	8.2
236	28.1	21.7	32.5





#77

Benzidine

Concen: 37.925 ng

RT: 19.69 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

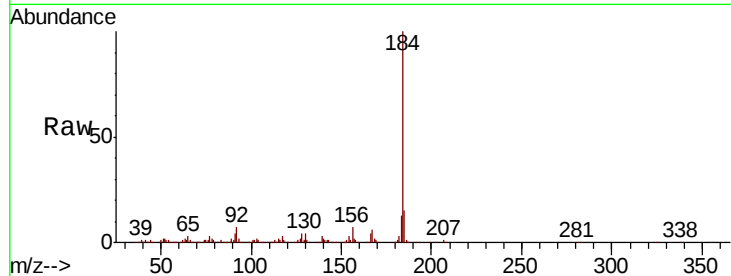
ClientSampleId :

PB123104BS

Tot Ion:	184	Resp:	648574
Ion Ratio	Lower	Upper	
184	100		
185	15.4	11.6	17.4
183	12.7	10.4	15.6

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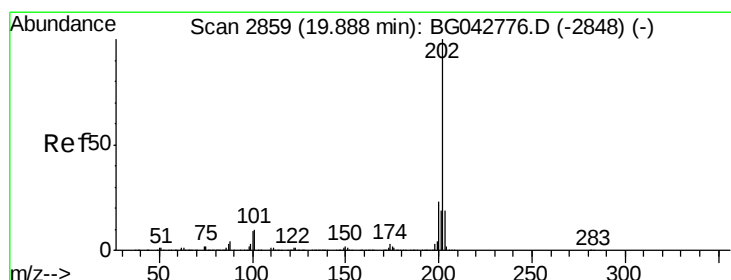
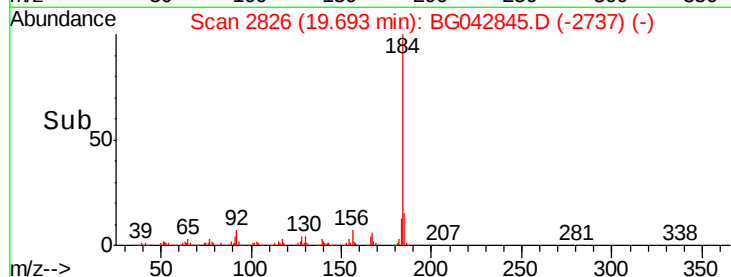
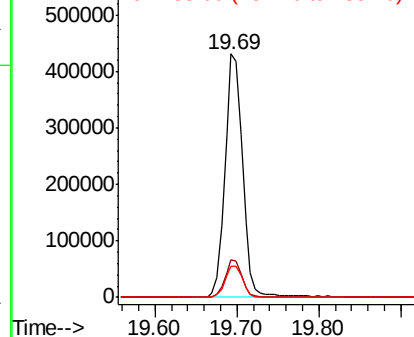


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.214 ng

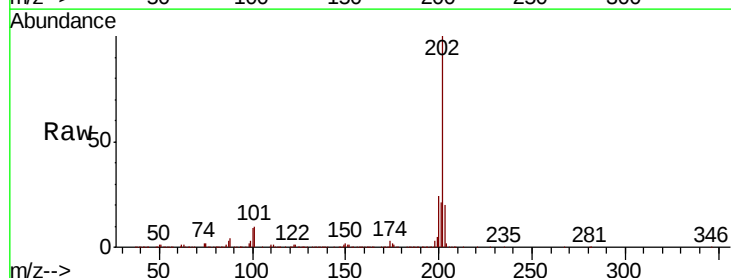
RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Tgt Ion:	202	Resp:	1656039
Ion Ratio	Lower	Upper	
202	100		
200	23.8	18.5	27.7
203	20.4	15.3	22.9

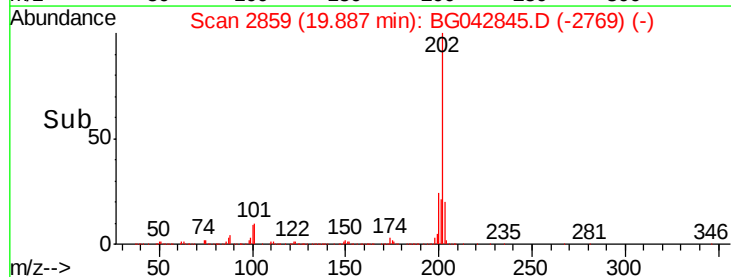
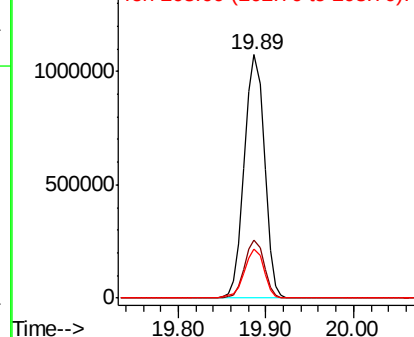


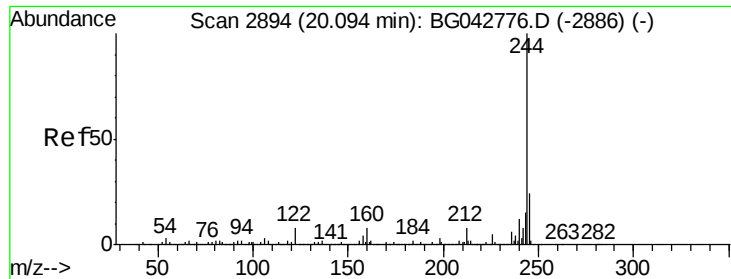
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 72.721 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

ClientSampleId :

PB123104BS

Tot Ion:244 Resp: 2008435

Ion Ratio Lower Upper

244 100

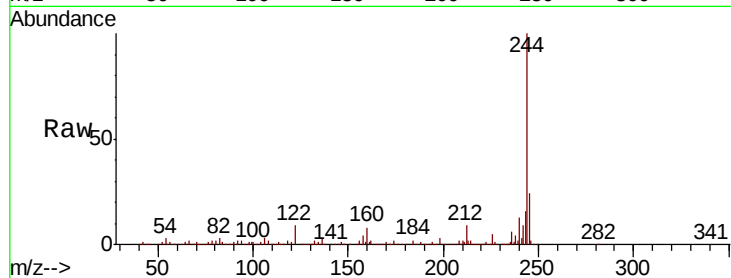
212 8.7 6.6 10.0

122 8.8 6.2 9.4

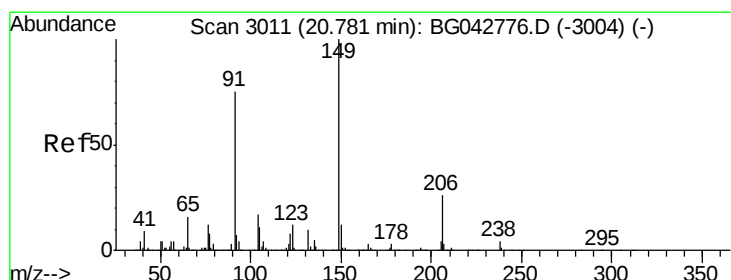
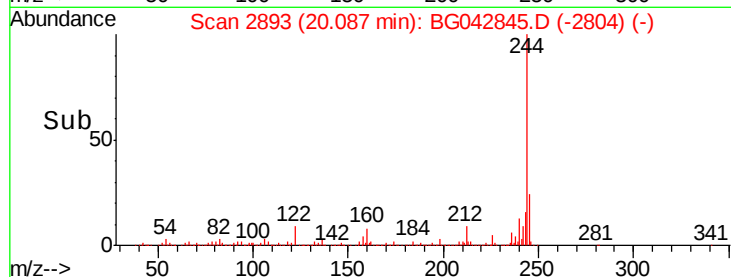
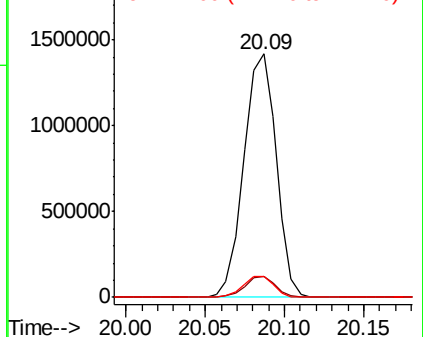
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.405 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

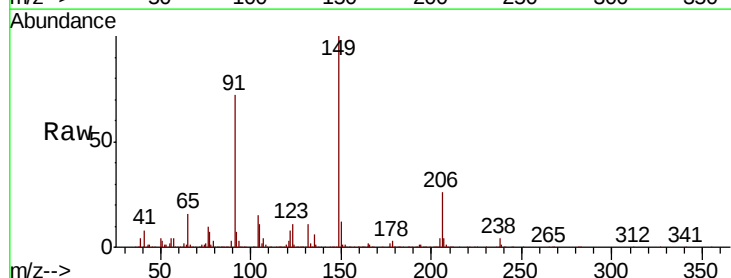
Tgt Ion:149 Resp: 657670

Ion Ratio Lower Upper

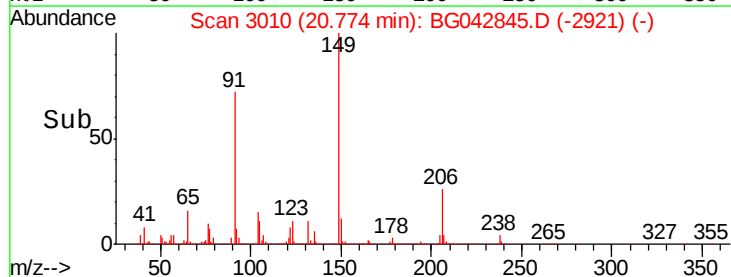
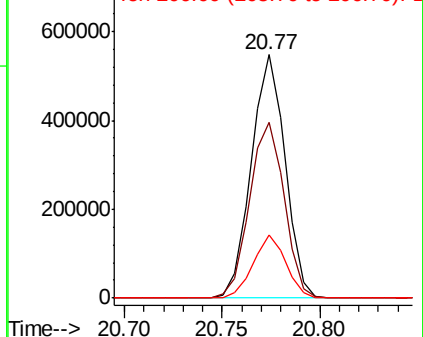
149 100

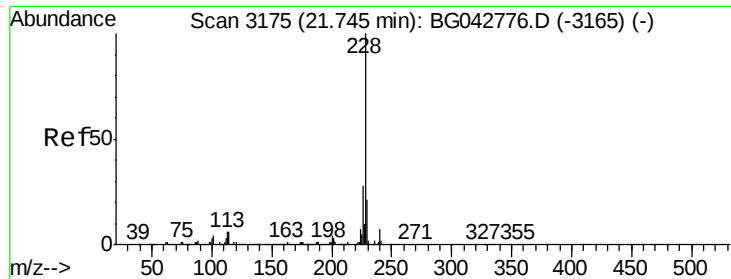
91 72.1 60.2 90.2

206 25.7 20.6 30.8



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BG
Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.523 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

ClientSampleId :

PB123104BS

Tot Ion:228 Resp: 1616008

Ion Ratio Lower Upper

228 100

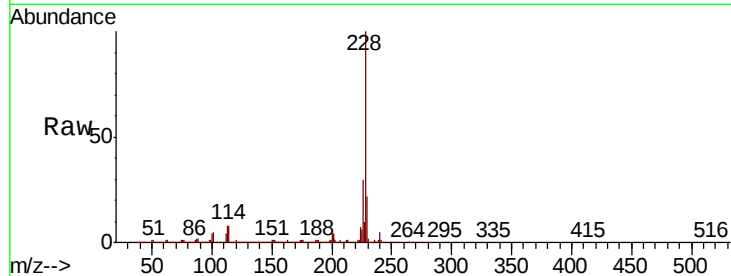
226 30.0 22.5 33.7

229 22.4 17.2 25.8

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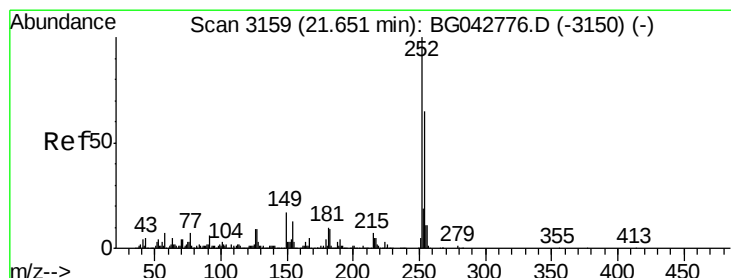
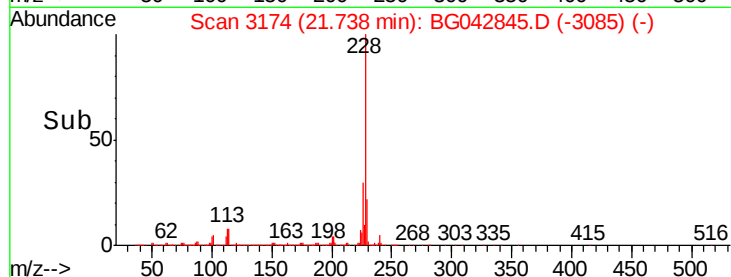
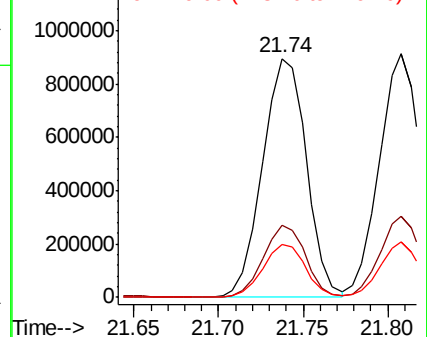


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.777 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

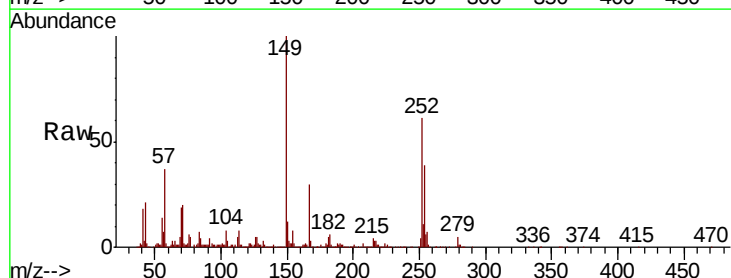
Tgt Ion:252 Resp: 510851

Ion Ratio Lower Upper

252 100

254 63.8 52.2 78.2

126 7.8 7.0 10.4

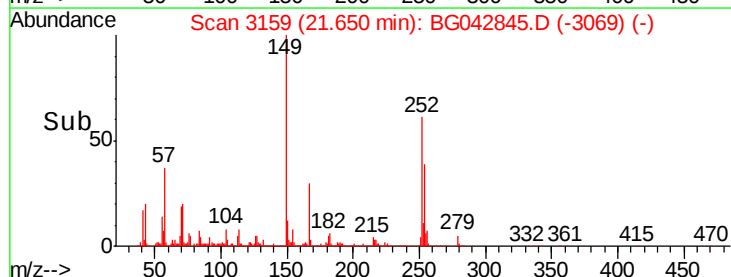
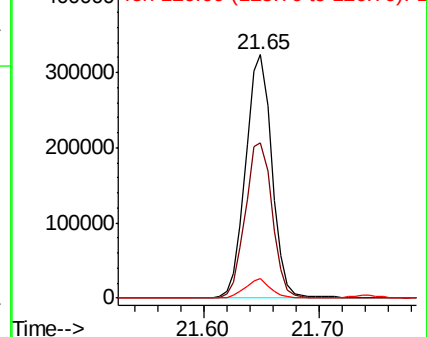


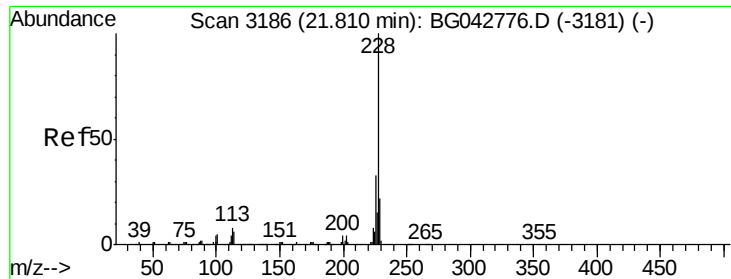
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





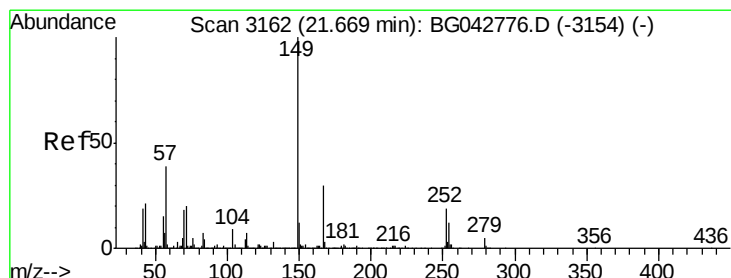
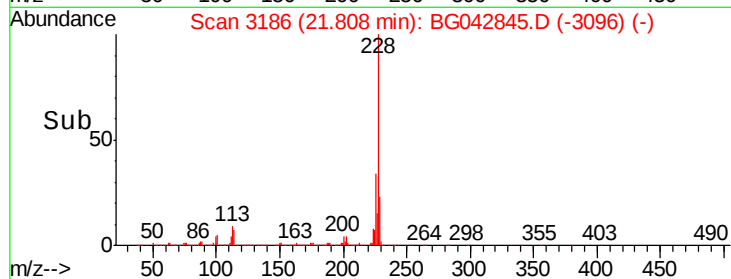
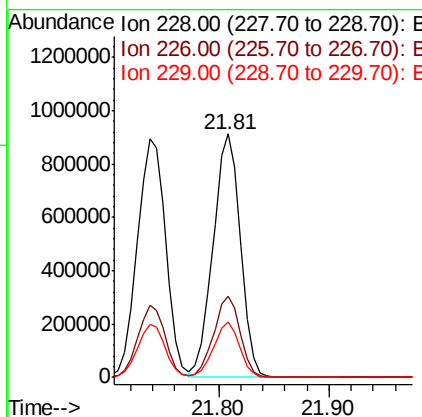
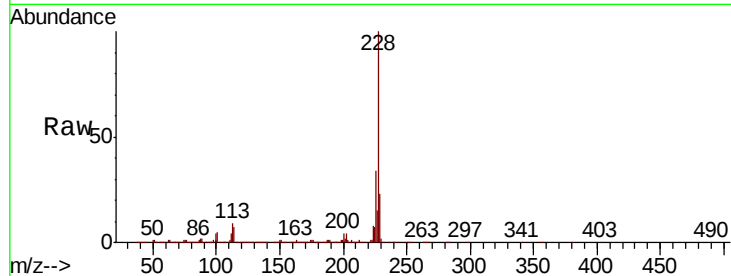
#83
 Chrysene
 Concen: 42.122 ng
 RT: 21.81 min Scan# 3186
 Delta R.T. -0.00 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Instrument :
 BNA_G
 ClientSampleId :
 PB123104BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.5	26.0	39.0
229	22.7	17.1	25.7

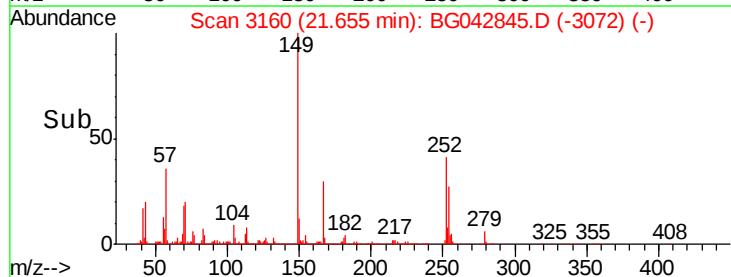
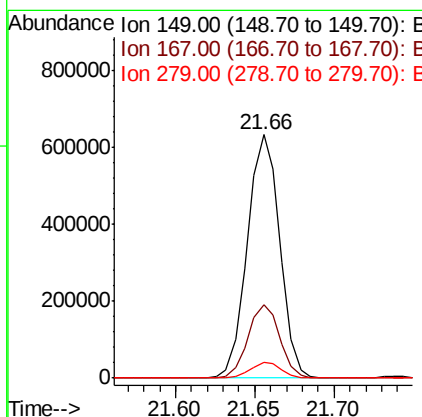
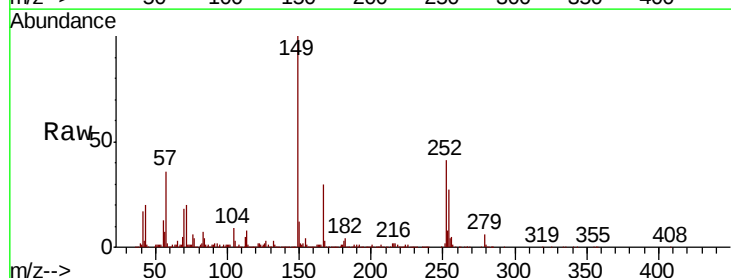
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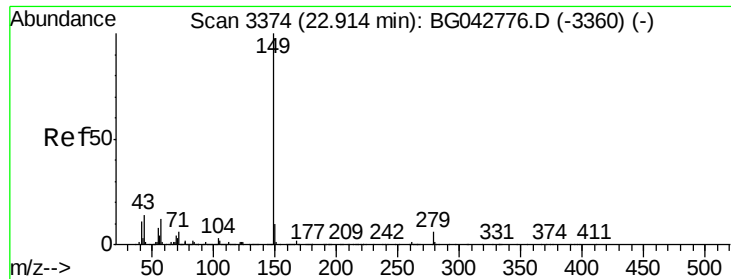
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.273 ng
 RT: 21.66 min Scan# 3160
 Delta R.T. -0.01 min
 Lab File: BG042845.D
 Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.1	24.3	36.5
279	6.4	4.2	6.4#





#85

Di-n-octyl phthalate

Concen: 42.159 ng

RT: 22.90 min Scan# 3371

Delta R.T. -0.02 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

ClientSampled :

PB123104BS

Tot Ion:149 Resp: 1523022

Ion Ratio Lower Upper

149 100

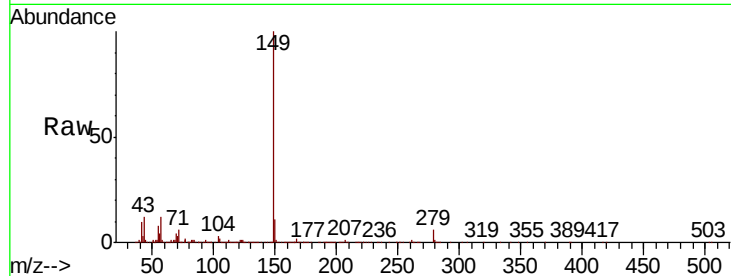
167 1.9 1.4 2.0

43 12.1 10.6 15.8

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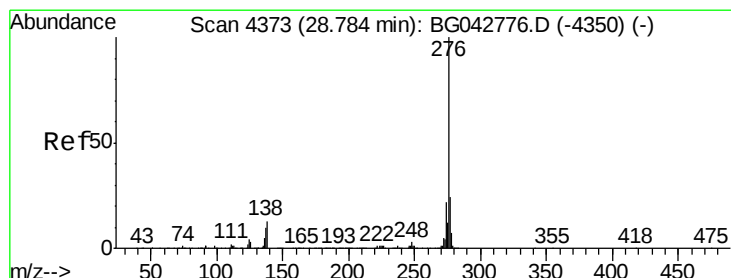
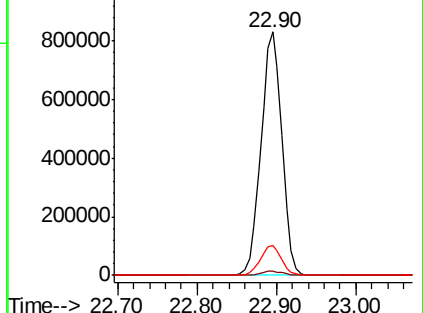
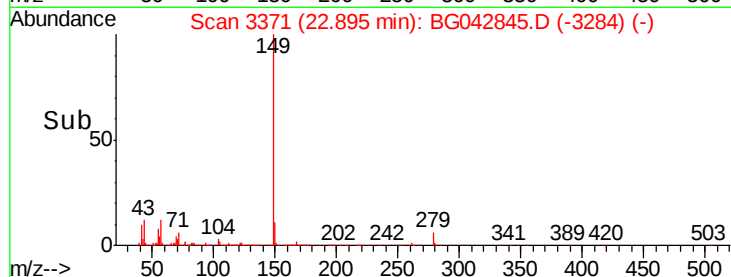
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.435 ng

RT: 28.77 min Scan# 4371

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

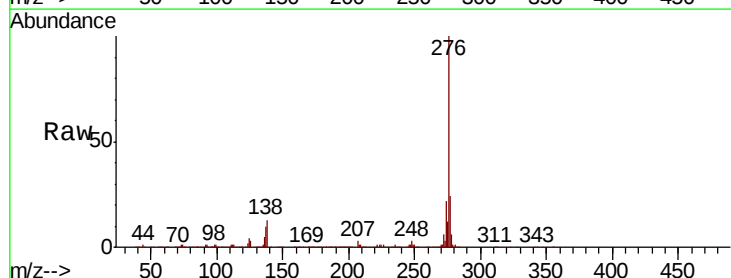
Tgt Ion:276 Resp: 1891595

Ion Ratio Lower Upper

276 100

138 12.6 9.3 13.9

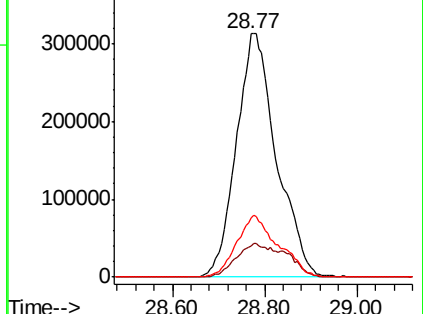
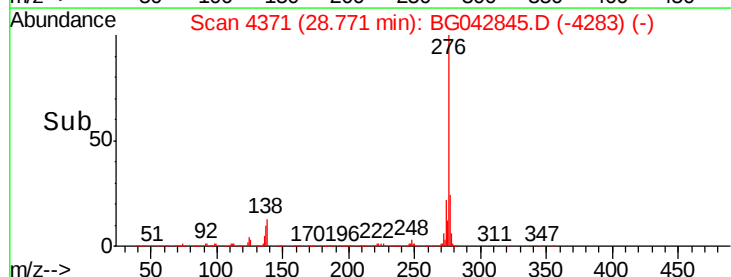
277 26.2 17.2 25.8#

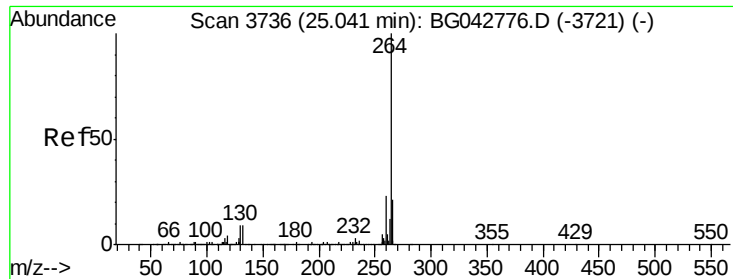


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3735

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

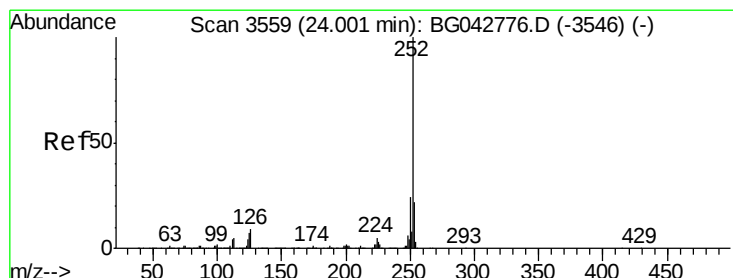
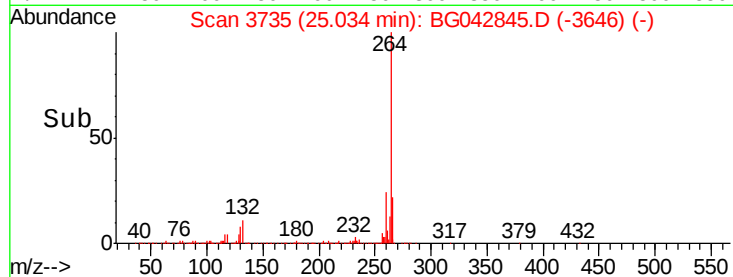
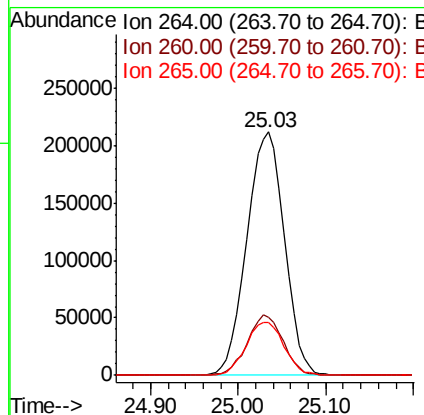
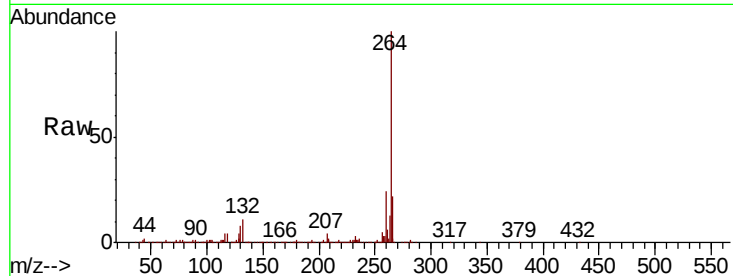
ClientSampleId :

PB123104BS

Tot Ion:	264	Resp:	620152
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.2	27.2
265	21.8	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 45.947 ng

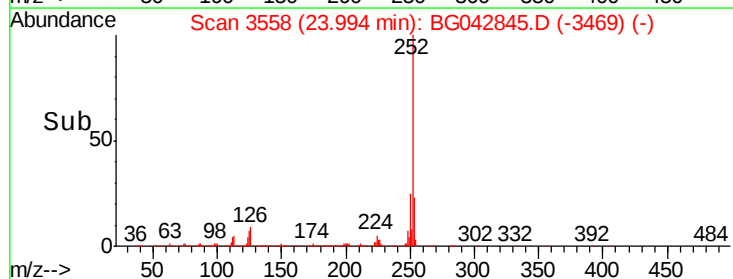
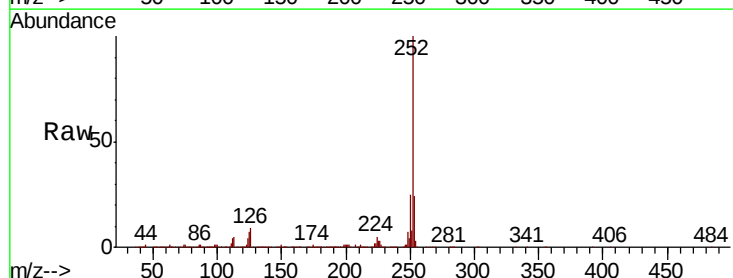
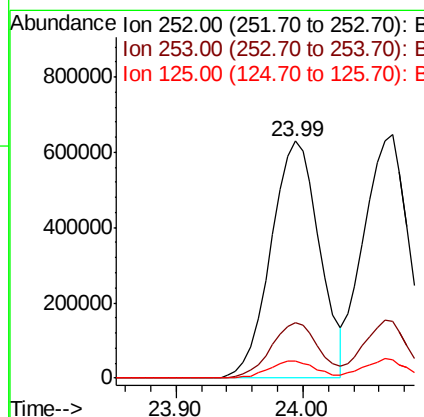
RT: 23.99 min Scan# 3558

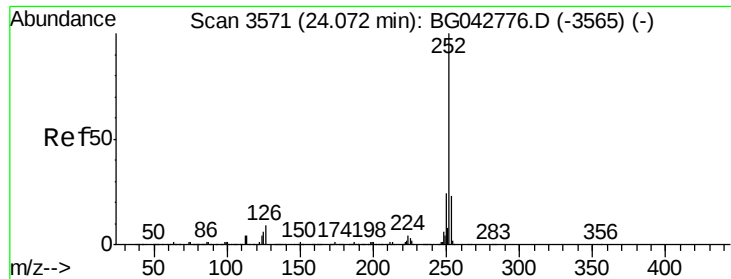
Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Tgt Ion:	252	Resp:	1673125
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.9	26.9
125	7.4	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 46.261 ng

RT: 24.07 min Scan# 3571

Delta R.T. -0.00 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Instrument :

BNA_G

ClientSampleId :

PB123104BS

Tot Ion:252 Resp: 1591274

Ion Ratio Lower Upper

252 100

253 23.5 18.2 27.4

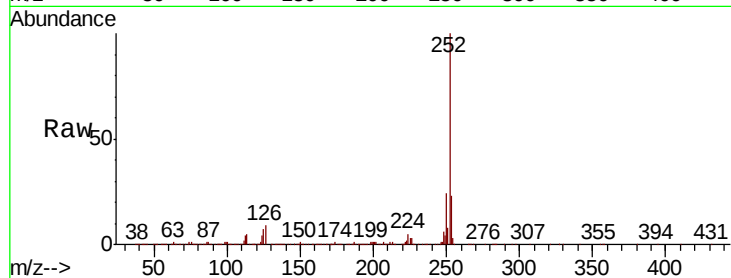
125 7.3 5.3 7.9

Manual Integrations

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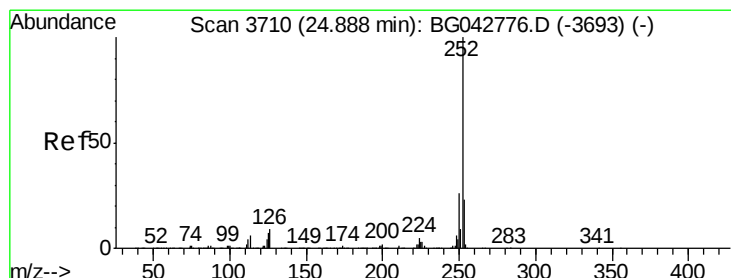
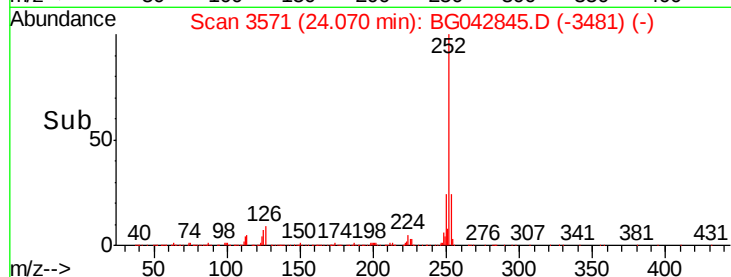
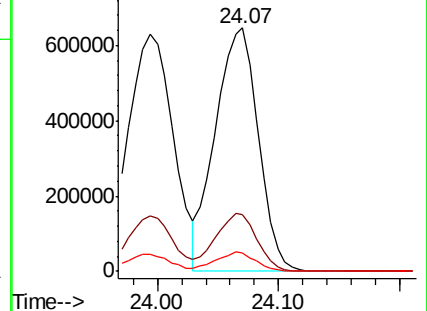
9/17/2019 1:26:37 PM



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 47.621 ng

RT: 24.88 min Scan# 3709

Delta R.T. -0.01 min

Lab File: BG042845.D

Acq: 16 Sep 2019 12:08

Tgt Ion:252 Resp: 1623731

Ion Ratio Lower Upper

252 100

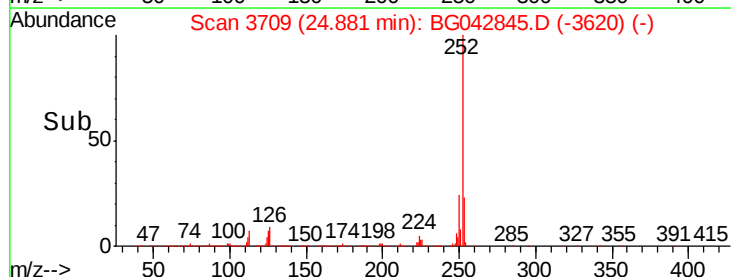
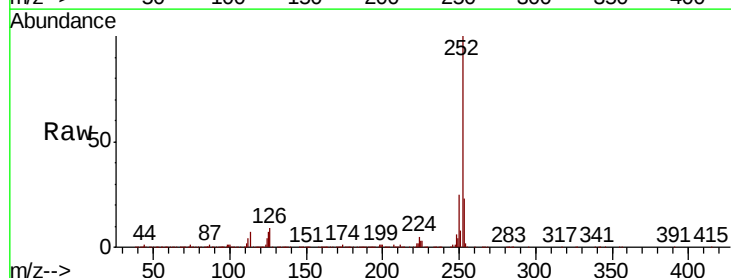
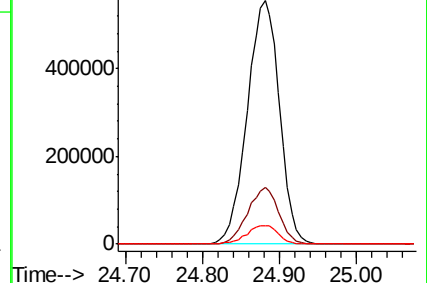
253 23.3 18.1 27.1

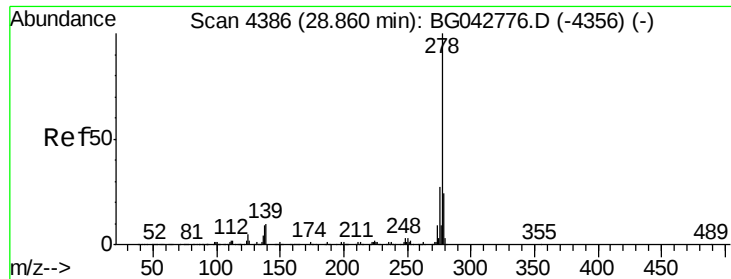
125 7.5 5.7 8.5

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





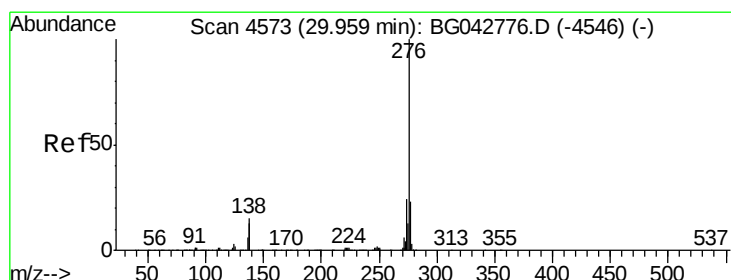
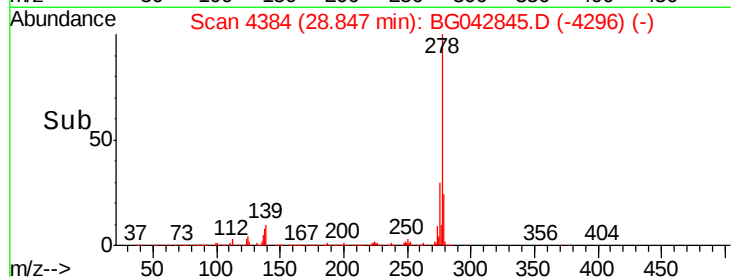
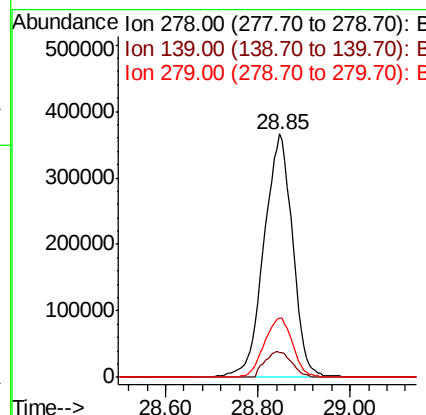
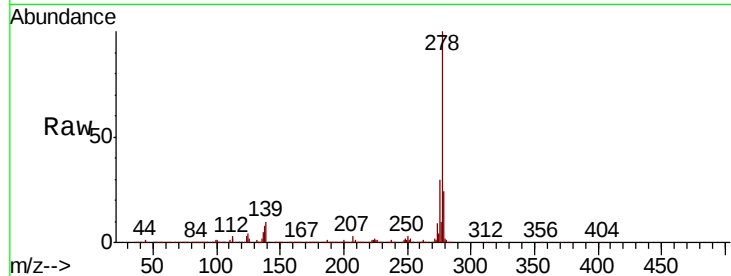
#91
Dibenzo(a,h)anthracene
Concen: 46.886 ng
RT: 28.85 min Scan# 4384
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Instrument :
BNA_G
ClientSampleId :
PB123104BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.4	8.2	12.2
279	24.2	19.4	29.2

Manual Integrations
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mohammad
9/17/2019 1:26:37 PM



#92
Benzo(g,h,i)perylene
Concen: 48.145 ng
RT: 29.95 min Scan# 4571
Delta R.T. -0.01 min
Lab File: BG042845.D
Acq: 16 Sep 2019 12:08

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.4	27.6
138	15.0	11.8	17.8

