

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042846.D
 Acq On : 16 Sep 2019 12:46
 Operator : HP/JU
 Sample : PB123110BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123110BS

Manual Integrations
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 9/17/2019 1:26:40 PM

Quant Time: Sep 17 02:15:45 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	72754	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	311737	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	230808	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	598789	20.00	ng	0.00
76) Chrysene-d12	21.76	240	617622	20.00	ng	0.00
87) Perylene-d12	25.03	264	619684	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.68	112	540319	129.12	ng	0.00
7) Phenol-d6	7.27	99	774538	128.95	ng	0.00
23) Nitrobenzene-d5	9.27	82	440416	73.55	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	387463	126.18	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1018124	69.83	ng	0.00
79) Terphenyl-d14	20.09	244	2026205	72.71	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.58	88	70519	36.924	ng	97
3) Pyridine	3.98	79	178118	30.976	ng	98
4) n-Nitrosodimethylamine	3.89	42	107293	38.346	ng	88
6) Aniline	7.44	93	272368	33.609	ng	98
8) 2-Chlorophenol	7.68	128	220047	48.645	ng	98
9) Benzaldehyde	7.25	77	140991	36.071	ng	93
10) Phenol	7.29	94	302104	49.044	ng	99
11) bis(2-Chloroethyl)ether	7.53	93	201919	42.712	ng	95
12) 1,3-Dichlorobenzene	8.01	146	222904	40.401	ng	97
13) 1,4-Dichlorobenzene	8.15	146	225995	40.913	ng	98
14) 1,2-Dichlorobenzene	8.48	146	214944	40.879	ng	97
15) Benzyl Alcohol	8.35	79	232201	45.046	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	392007	37.760	ng	97
17) 2-Methylphenol	8.55	107	200893	48.748	ng	99
18) Hexachloroethane	9.21	117	84035	41.207	ng	93
19) n-Nitroso-di-n-propylamine	8.92	70	189563	42.830	ng	92
20) 3+4-Methylphenols	8.88	107	276930	48.749	ng	98
22) Acetophenone	8.93	105	331867	42.153	ng	96
24) Nitrobenzene	9.32	77	272490	43.356	ng	95
25) Isophorone	9.84	82	517071	41.429	ng	99
26) 2-Nitrophenol	10.03	139	118969	48.138	ng	93
27) 2,4-Dimethylphenol	10.09	122	224329	51.313	ng	95
28) bis(2-Chloroethoxy)methane	10.32	93	290763	41.774	ng	97
29) 2,4-Dichlorophenol	10.57	162	238805	47.006	ng	95
30) 1,2,4-Trichlorobenzene	10.79	180	247554	39.911	ng	99
31) Naphthalene	10.98	128	660562	42.917	ng	100
32) Benzoic acid	10.20	122	153249	43.919	ng	97
33) 4-Chloroaniline	11.07	127	206317	28.679	ng	97
34) Hexachlorobutadiene	11.27	225	163080	37.526	ng	94
35) Caprolactam	11.84	113	94377m	49.956	ng	
36) 4-Chloro-3-methylphenol	12.19	107	271791	49.273	ng	98
37) 2-Methylnaphthalene	12.58	142	503958	43.710	ng	97
38) 1-Methylnaphthalene	12.79	142	471897	43.639	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	305026	39.993	ng	99

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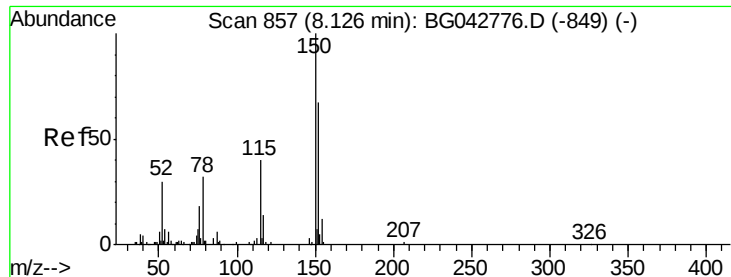
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 9/17/2019 1:26:40 PM

Quant Time: Sep 17 02:15:45 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	12.93	237	372389	85.229	nq	97
43) 2,4,6-Trichlorophenol	13.17	196	222852	43.889	nq	96
44) 2,4,5-Trichlorophenol	13.24	196	240934	46.325	nq	94
46) 1,1'-Biphenyl	13.58	154	677296	41.917	nq	99
47) 2-Chloronaphthalene	13.62	162	529461	39.612	nq	98
48) 2-Nitroaniline	13.80	65	209171	45.112	nq	98
49) Acenaphthylene	14.46	152	884818	43.318	nq	98
50) Dimethylphthalate	14.19	163	737918	42.678	nq	100
51) 2,6-Dinitrotoluene	14.30	165	170516	48.062	nq	94
52) Acenaphthene	14.80	154	629373	47.164	nq	99
53) 3-Nitroaniline	14.63	138	137828	34.615	nq #	91
54) 2,4-Dinitrophenol	14.83	184	195297	111.819	nq #	73
55) Dibenzofuran	15.13	168	854460	43.079	nq	99
56) 4-Nitrophenol	14.93	139	325959	105.876	nq	93
57) 2,4-Dinitrotoluene	15.09	165	246943	52.219	nq #	97
58) Fluorene	15.78	166	723347	44.004	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	246959	48.983	nq	98
60) Diethylphthalate	15.55	149	769408	43.838	nq	98
61) 4-Chlorophenyl-phenylether	15.77	204	408603	42.040	nq	98
62) 4-Nitroaniline	15.78	138	208706	48.627	nq	95
63) Azobenzene	16.07	77	739162	43.735	nq	99
65) 4,6-Dinitro-2-methylphenol	15.85	198	141961	55.408	nq	98
66) n-Nitrosodiphenylamine	15.98	169	676804	42.004	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	285172	39.347	nq	99
68) Hexachlorobenzene	16.79	284	296388	38.272	nq	98
69) Atrazine	16.93	200	276478	49.274	nq	98
70) Pentachlorophenol	17.12	266	435253	94.742	nq	95
71) Phenanthrene	17.52	178	1217760	42.525	nq	100
72) Anthracene	17.61	178	1233333	43.109	nq	100
73) Carbazole	17.88	167	1215673	44.707	nq	97
74) Di-n-butylphthalate	18.44	149	1394906	42.824	nq	99
75) Fluoranthene	19.53	202	1640956	44.215	nq	98
77) Benzidine	19.70	184	658577	38.166	nq	98
78) Pyrene	19.89	202	1648139	42.624	nq	98
80) Butylbenzylphthalate	20.77	149	657450	42.012	nq	99
81) Benzo(a)anthracene	21.74	228	1619071	41.230	nq	98
82) 3,3'-Dichlorobenzidine	21.65	252	512478	33.581	nq	99
83) Chrysene	21.81	228	1552978	41.750	nq	98
84) Bis(2-ethylhexyl)phthalate	21.65	149	896680	41.936	nq	99
85) Di-n-octyl phthalate	22.89	149	1528839	41.942	nq	99
86) Indeno(1,2,3-cd)pyrene	28.77	276	1893202	41.100	nq #	92
88) Benzo(b)fluoranthene	23.99	252	1653518	45.443	nq	98
89) Benzo(k)fluoranthene	24.06	252	1620928	47.159	nq	97
90) Benzo(a)pyrene	24.88	252	1620566	47.564	nq	99
91) Dibenzo(a,h)anthracene	28.85	278	1584220	47.276	nq	99
92) Benzo(g,h,i)perylene	29.94	276	1563713	47.840	nq	99

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



#1

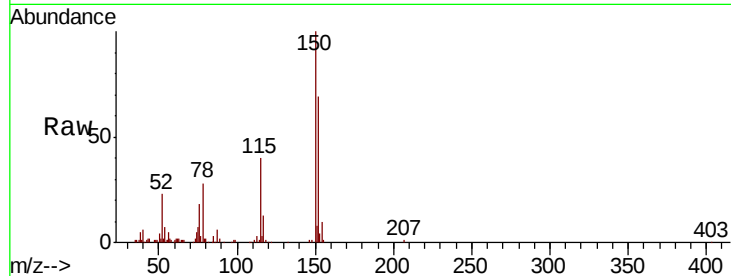
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :
PB123110BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.9	118.9	178.3
115	58.9	47.4	71.2

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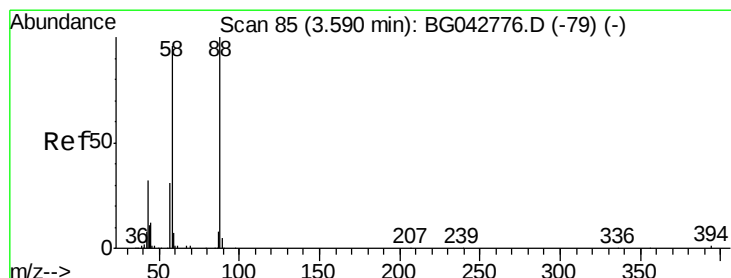
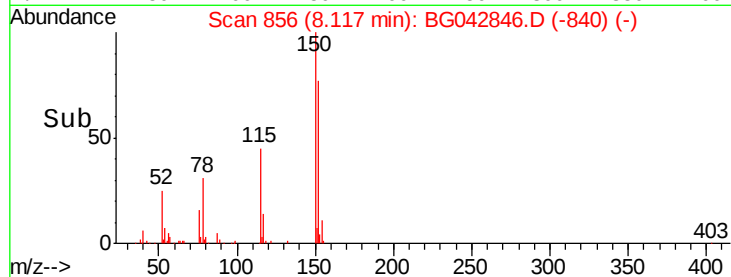
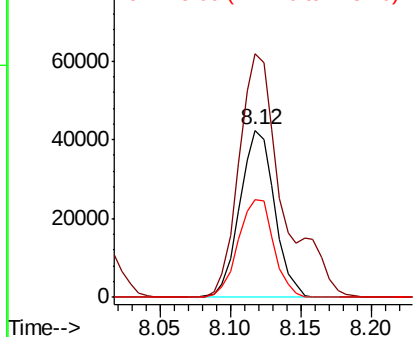


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

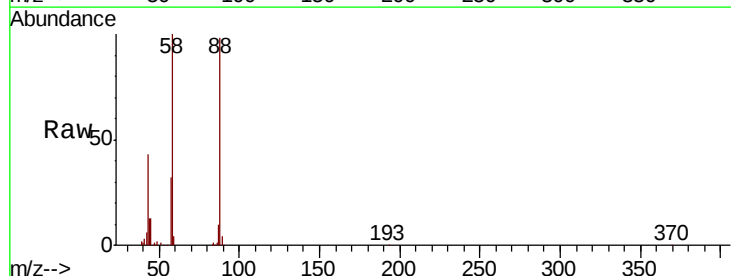
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.924 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
88	100		
58	94.9	79.1	118.7
43	37.2	30.4	45.6

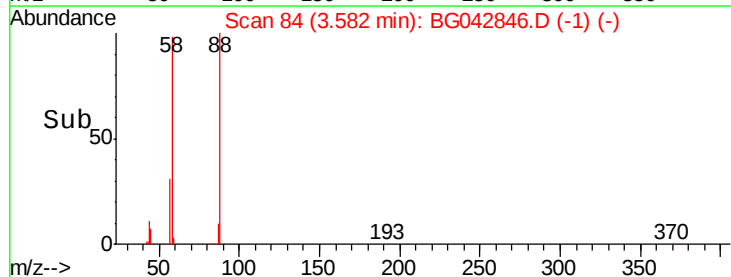
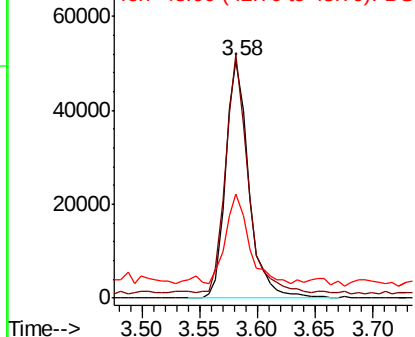


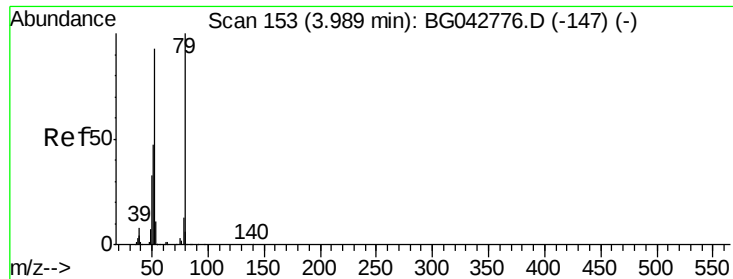
Abundance

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: 30.976 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

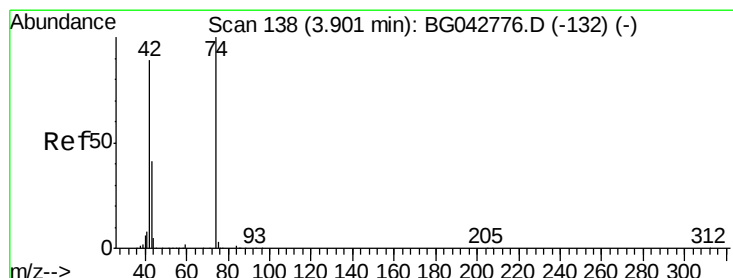
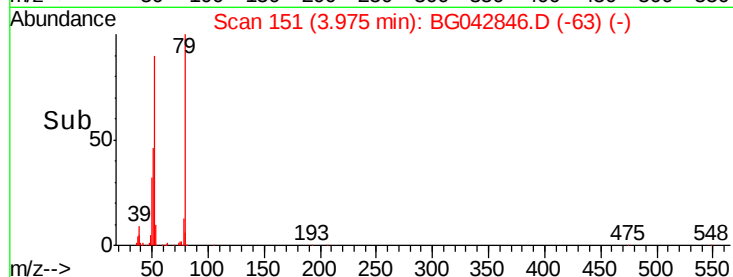
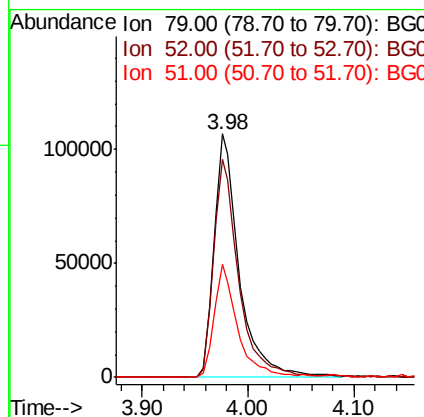
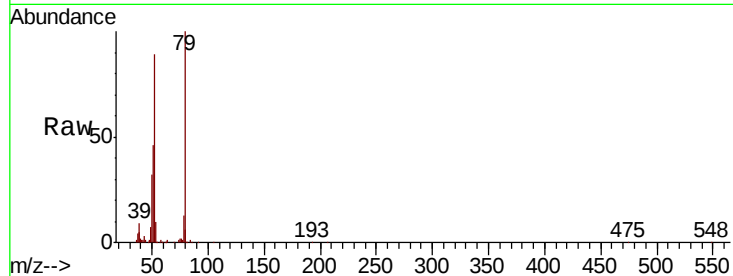
ClientSampled :

PB123110BS

Tot Ion:	79	Resp:	178118
Ion	Ratio	Lower	Upper
79	100		
52	89.4	74.0	111.0
51	46.4	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 38.346 ng

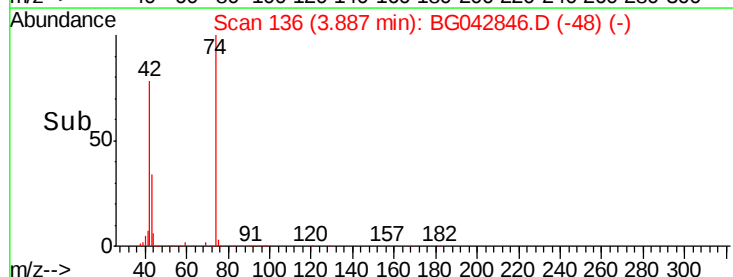
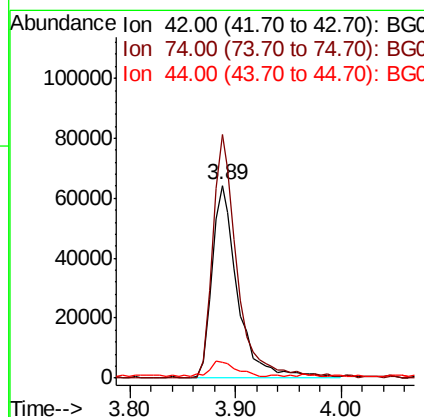
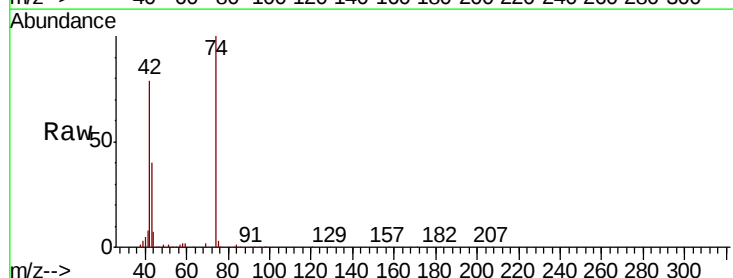
RT: 3.89 min Scan# 136

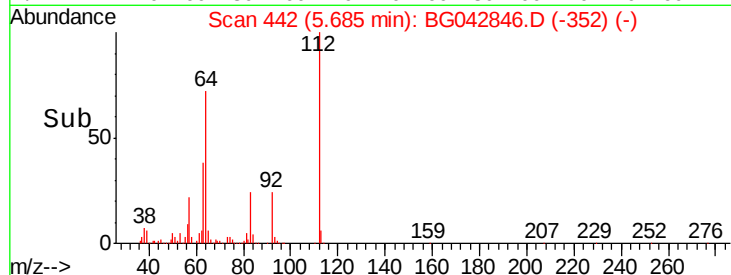
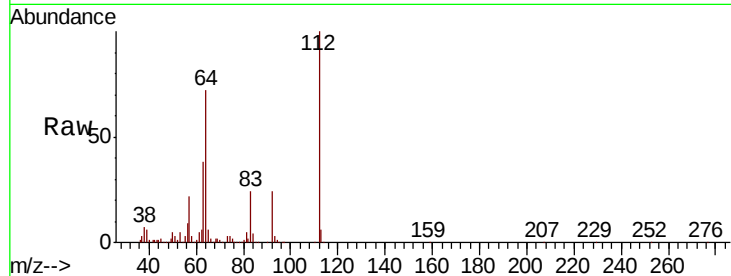
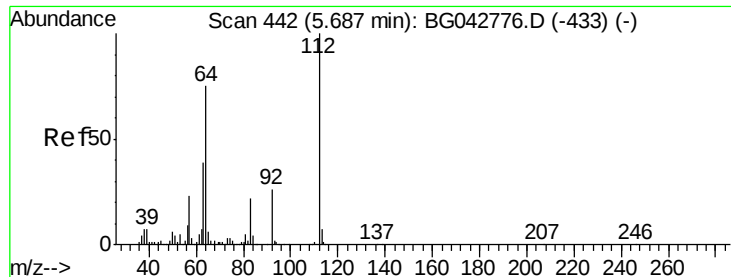
Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Tgt Ion:	42	Resp:	107293
Ion	Ratio	Lower	Upper
42	100		
74	126.4	90.2	135.2
44	8.3	6.6	9.8





#5

2-Fluorophenol

Concen: 129.116 ng

RT: 5.68 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Tot Ion:	112	Resp:	540319
Ion Ratio	Lower	Upper	
112	100		
64	71.9	60.2	90.2
63	38.2	31.2	46.8

Instrument :

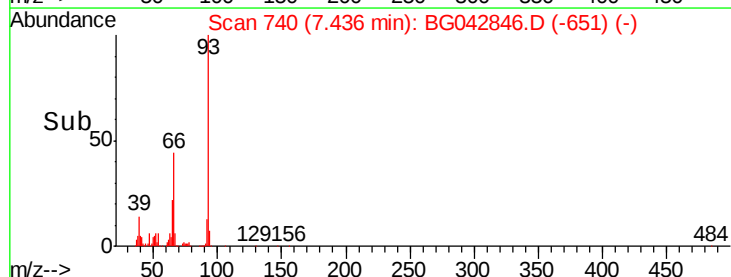
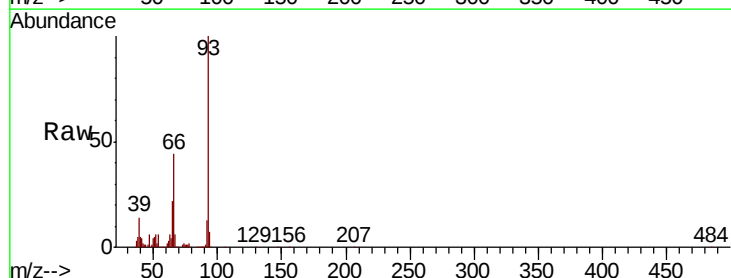
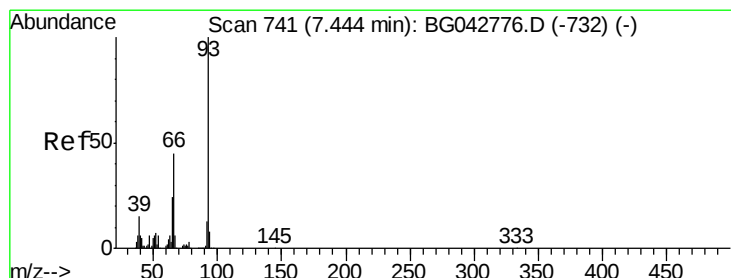
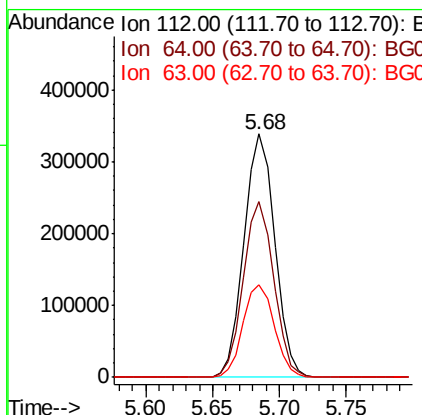
BNA_G

ClientSampleId :

PB123110BS

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#6

Aniline

Concen: 33.609 ng

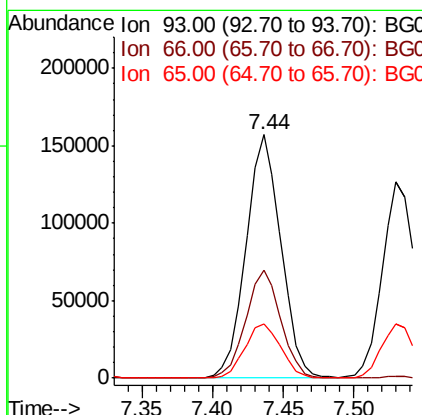
RT: 7.44 min Scan# 740

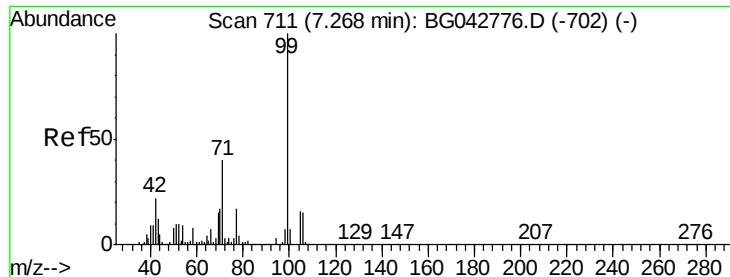
Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Tgt Ion:	93	Resp:	272368
Ion Ratio	Lower	Upper	
93	100		
66	44.1	36.3	54.5
65	22.4	19.3	28.9





#7

Phenol-d6

Concen: 128.949 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

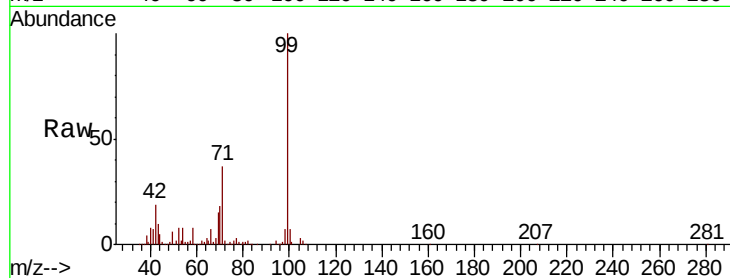
ClientSampleId :

PB123110BS

Tot Ion:	99	Resp:	774538
Ion	Ratio	Lower	Upper
99	100		
42	19.3	17.5	26.3
71	37.5	32.0	48.0

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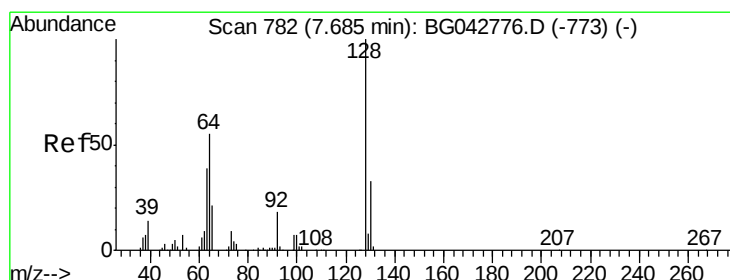
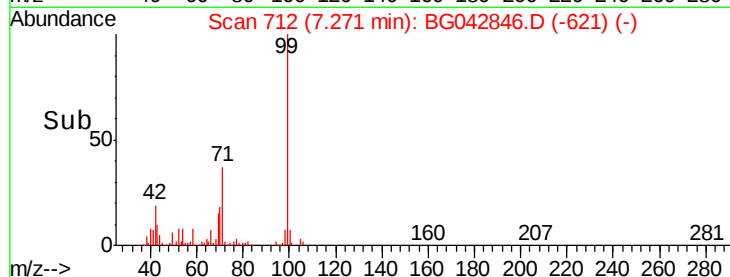
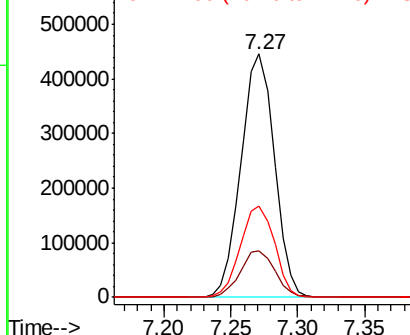


Abundance

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: 48.645 ng

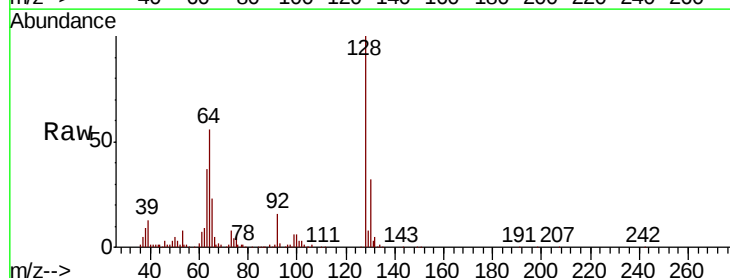
RT: 7.68 min Scan# 782

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Tgt Ion:	128	Resp:	220047
Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.8	52.8
64	55.7	36.8	76.8

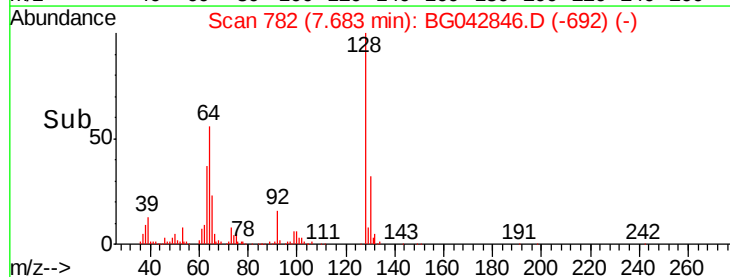
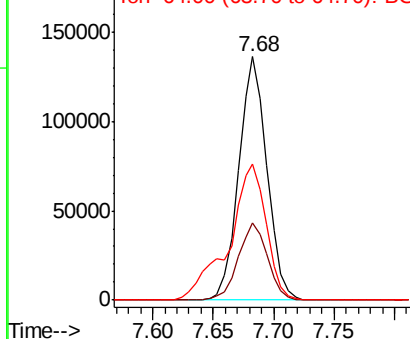


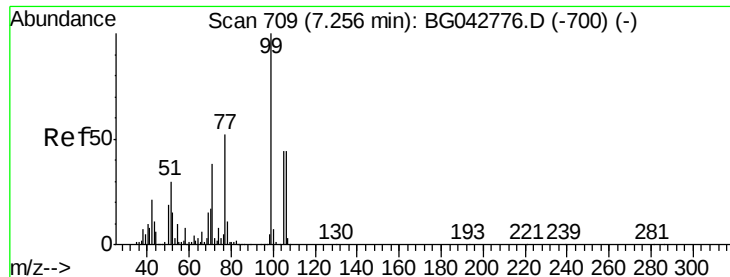
Abundance

Ion 128.00 (127.70 to 128.70): BGC

Ion 130.00 (129.70 to 130.70): BGC

Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 36.071 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

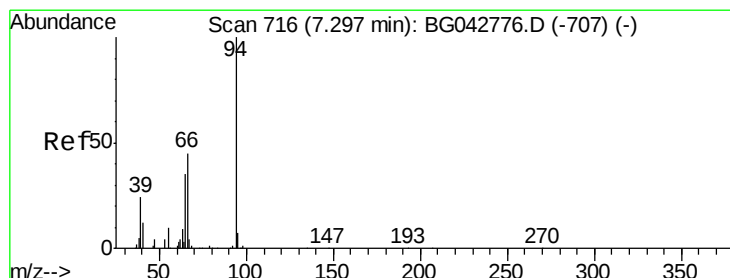
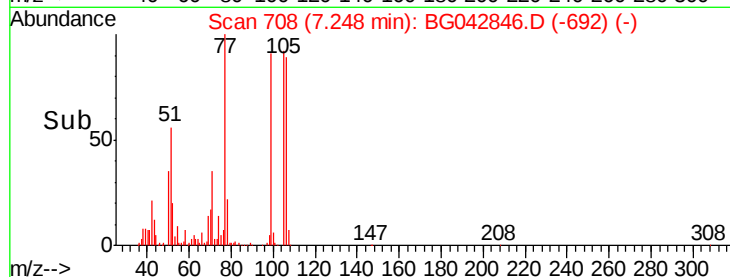
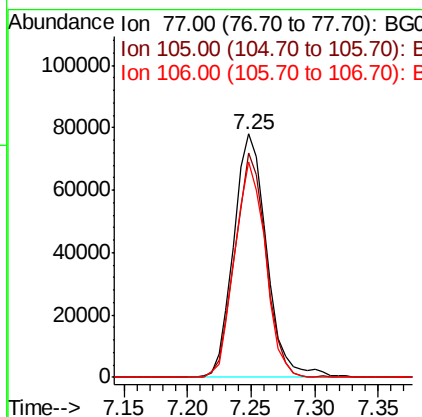
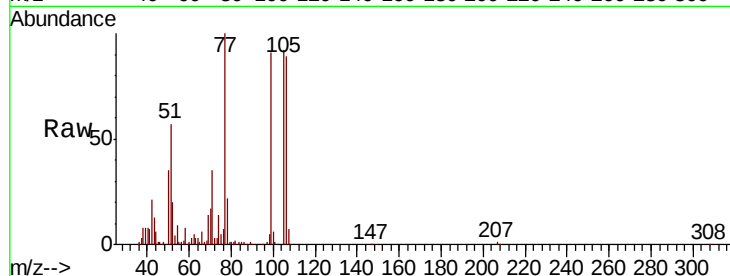
ClientSampled :

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Tot Ion:	77	Resp:	140991
Ion	Ratio	Lower	Upper
77	100		
105	92.4	64.5	104.5
106	88.7	63.4	103.4

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#10

Phenol

Concen: 49.044 ng

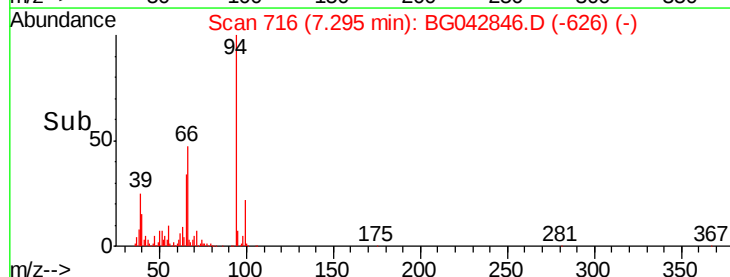
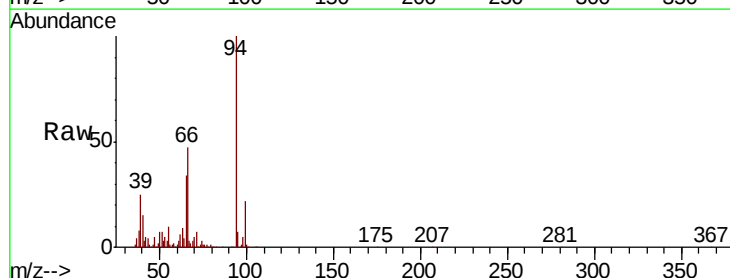
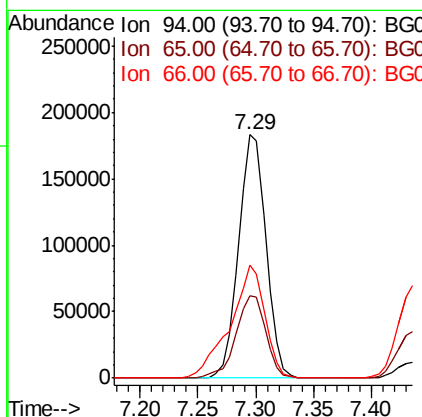
RT: 7.29 min Scan# 716

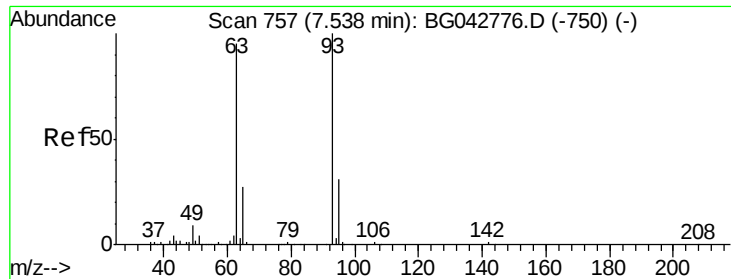
Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Tgt Ion:	94	Resp:	302104
Ion	Ratio	Lower	Upper
94	100		
65	33.7	15.0	55.0
66	46.6	26.1	66.1





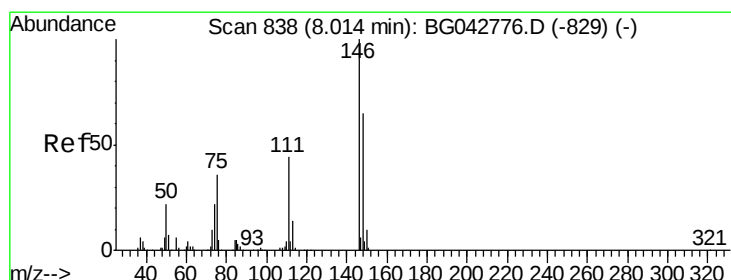
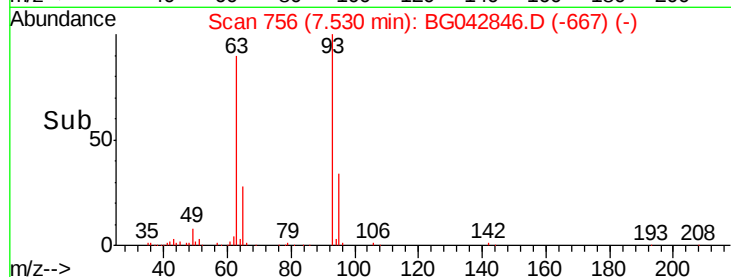
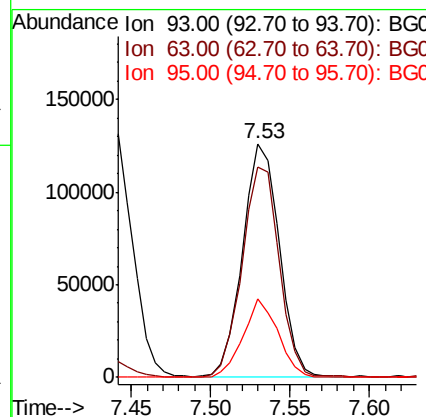
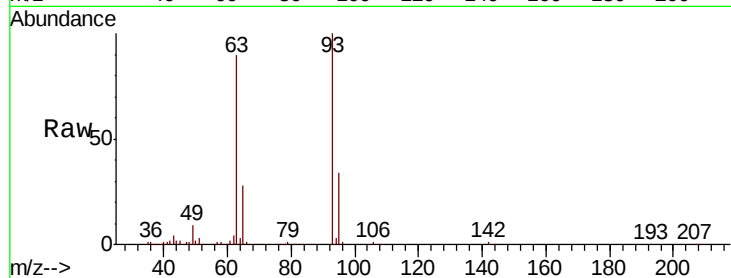
#11
bis(2-Chloroethyl)ether
Concen: 42.712 ng
RT: 7.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :
PB123110BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	201919		
63	89.8		74.7	114.7
95	33.6		11.1	51.1

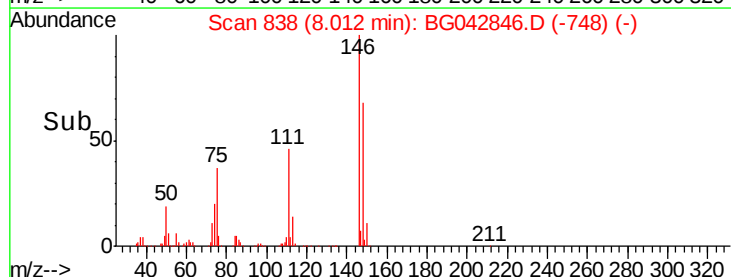
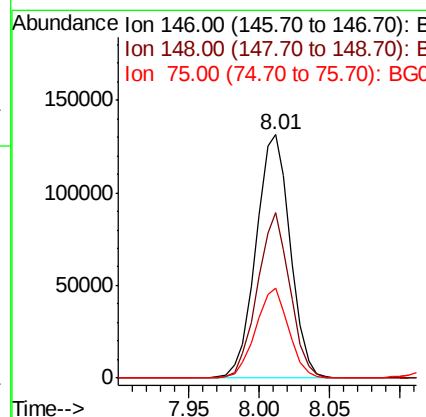
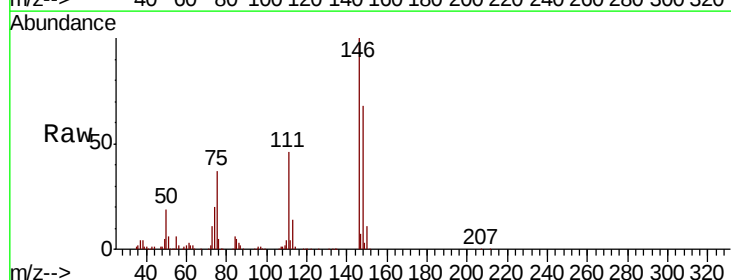
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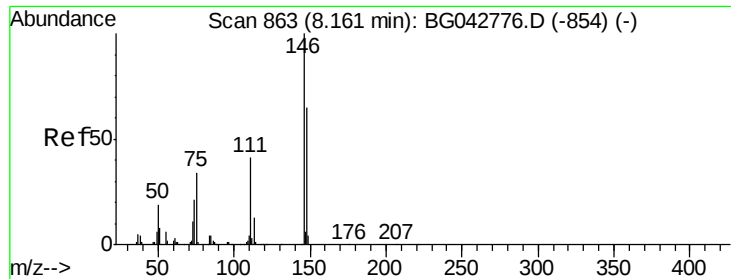
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.401 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	222904		
148	67.9		51.9	77.9
75	36.7		28.4	42.6





#13

1,4-Dichlorobenzene

Concen: 40.913 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

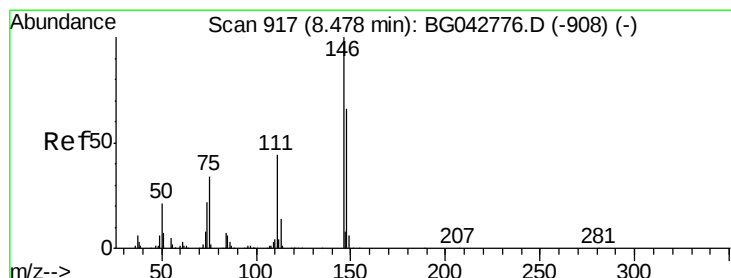
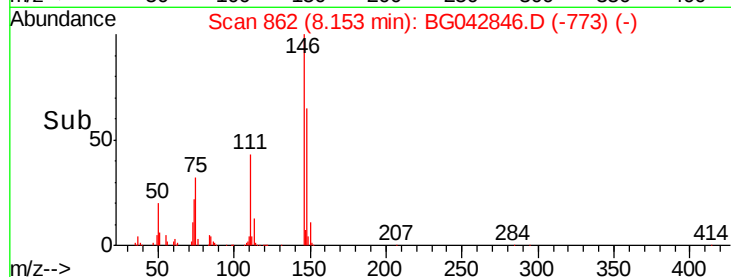
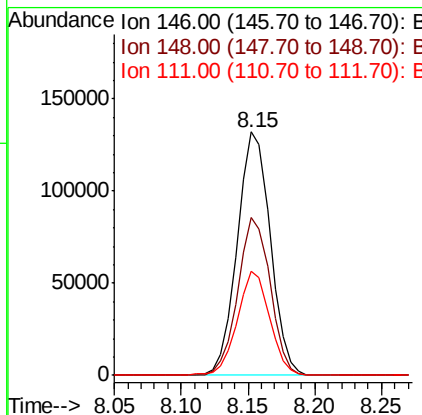
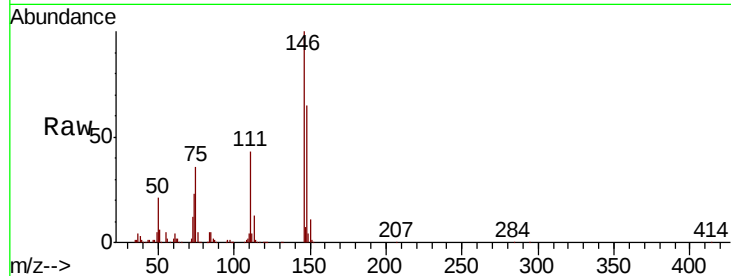
ClientSampleId :

PB123110BS

Tot Ion:	146	Resp:	225995
Ion Ratio	Lower	Upper	
146	100		
148	64.8	52.2	78.4
111	42.7	32.6	49.0

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#14

1,2-Dichlorobenzene

Concen: 40.879 ng

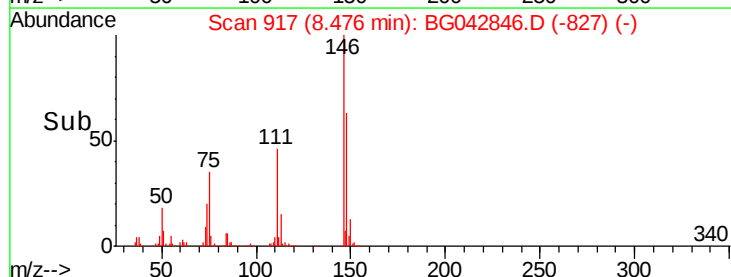
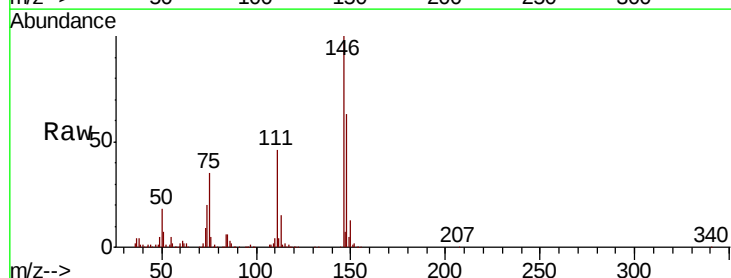
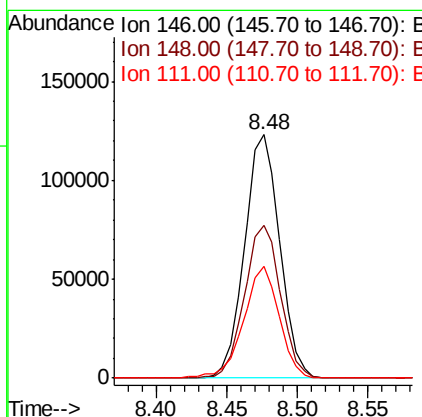
RT: 8.48 min Scan# 917

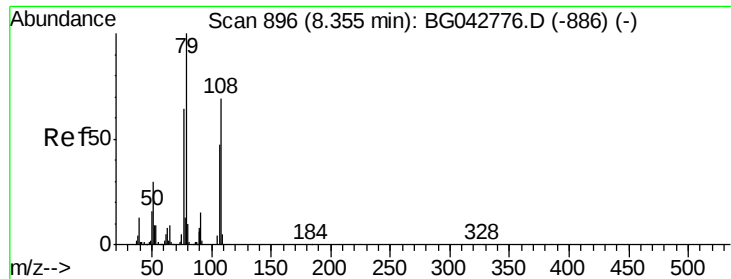
Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Tgt Ion:	146	Resp:	214944
Ion Ratio	Lower	Upper	
146	100		
148	63.0	52.6	78.8
111	46.0	35.3	52.9





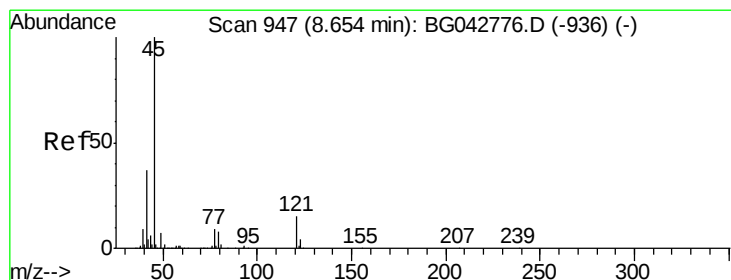
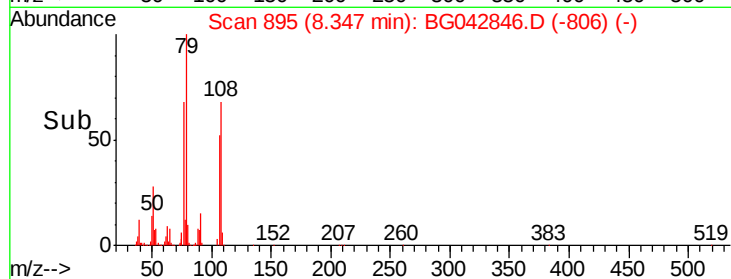
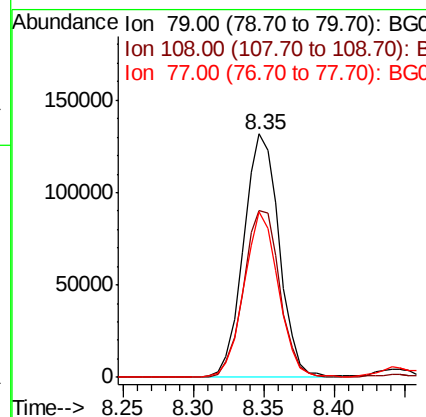
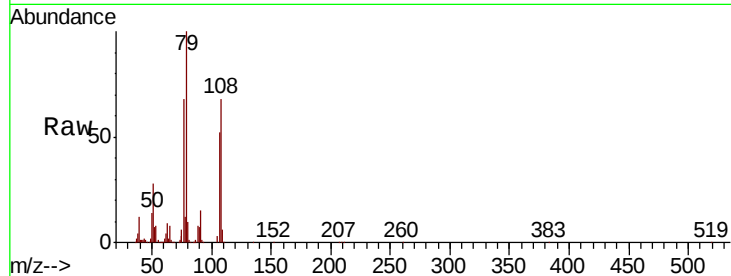
#15
Benzyl Alcohol
Concen: 45.046 ng
RT: 8.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :
PB123110BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.5	54.9	82.3
77	68.0	51.0	76.6

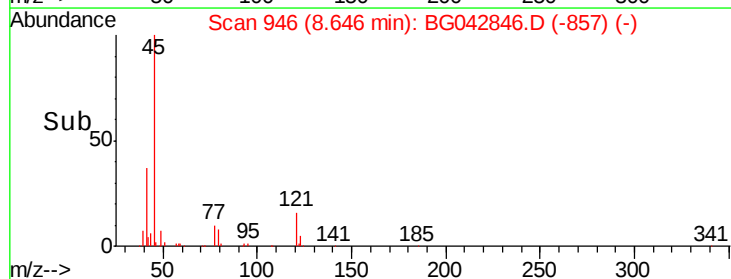
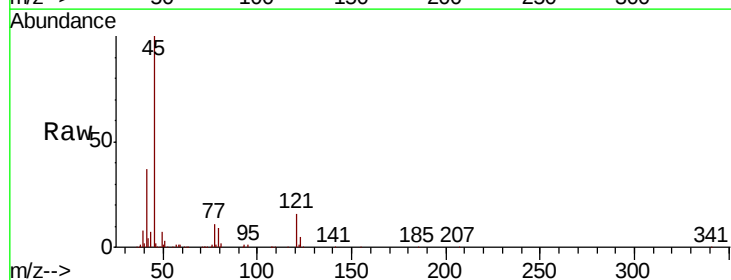
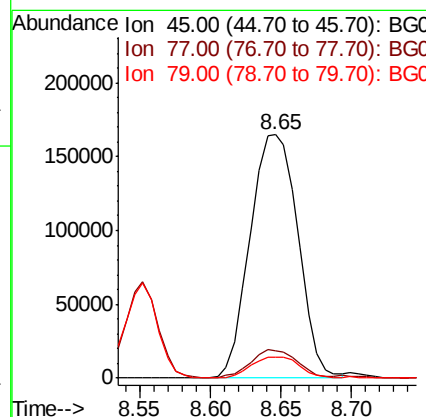
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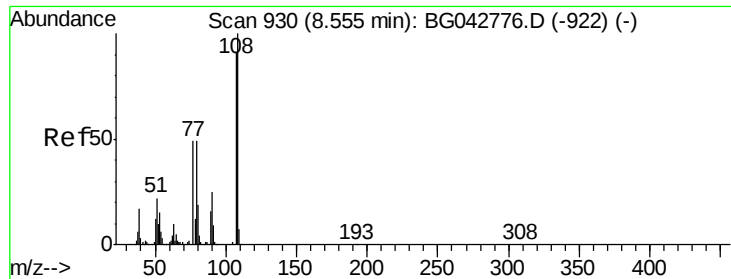
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.760 ng
RT: 8.65 min Scan# 946
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
45	100		
77	11.1	0.0	29.4
79	8.6	0.0	28.4





#17

2-Methylphenol

Concen: 48.748 ng

RT: 8.55 min Scan# 930

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

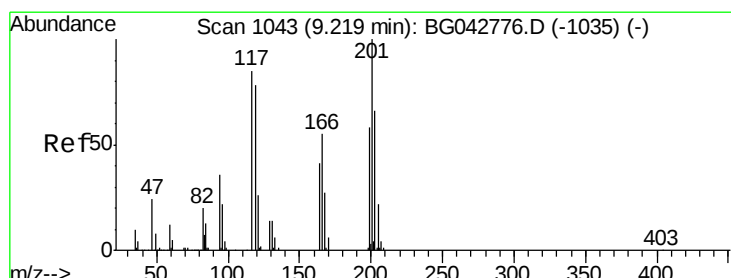
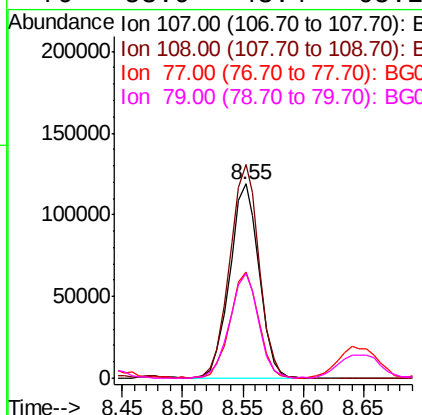
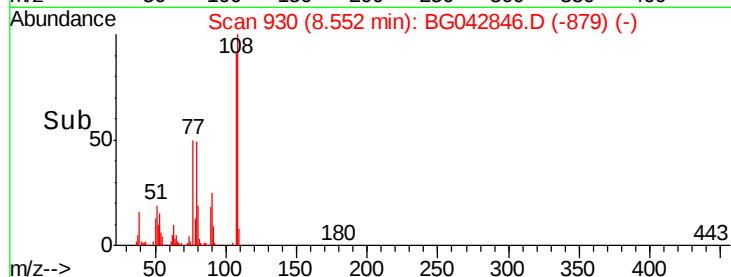
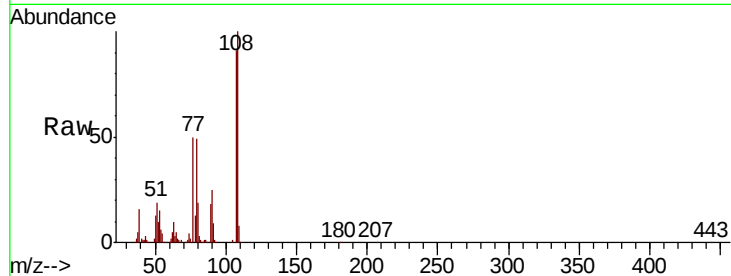
ClientSampleId :

PB123110BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	109.9	87.7	131.5	
77	54.6	42.6	64.0	
79	53.9	43.4	65.2	

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#18

Hexachloroethane

Concen: 41.207 ng

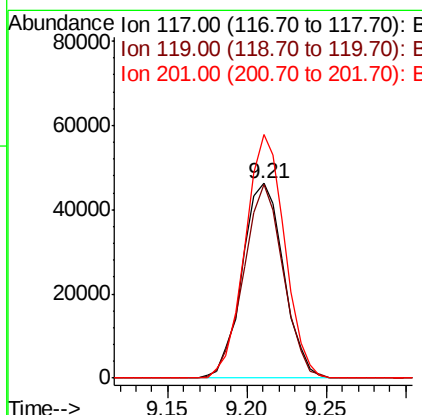
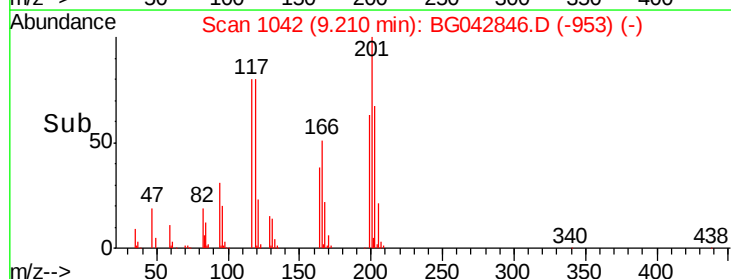
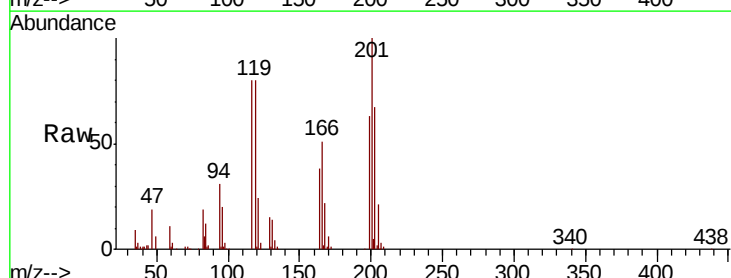
RT: 9.21 min Scan# 1042

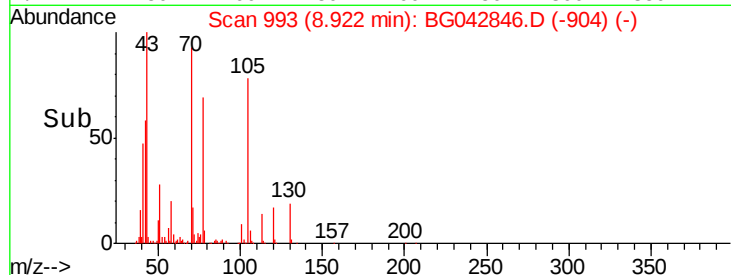
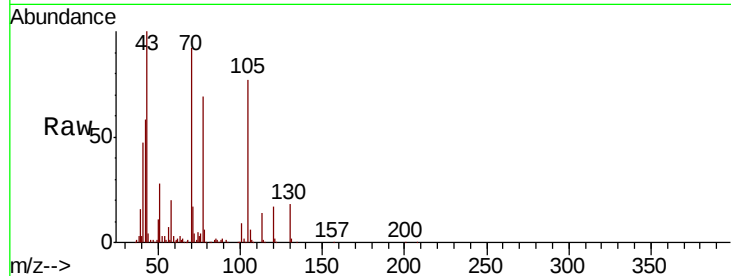
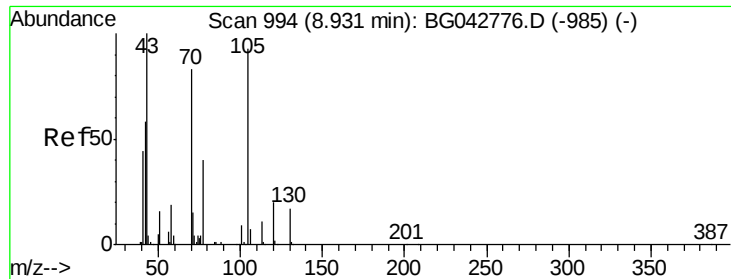
Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.6	73.8	110.8	
201	125.0	94.6	142.0	





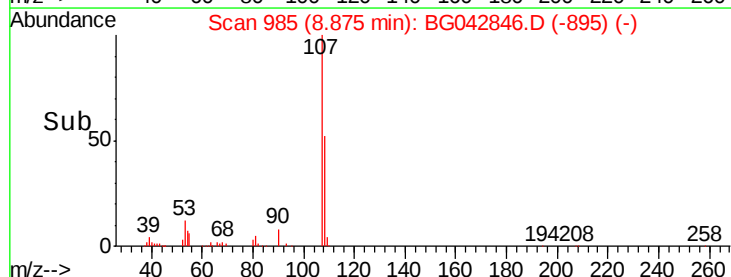
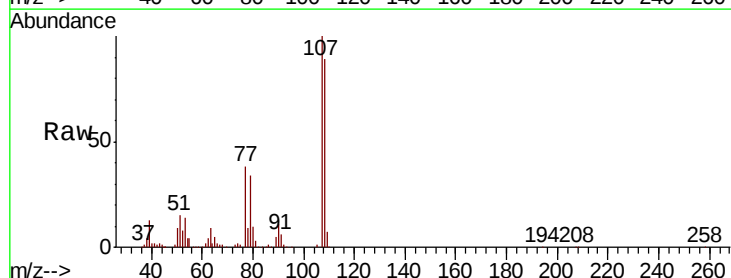
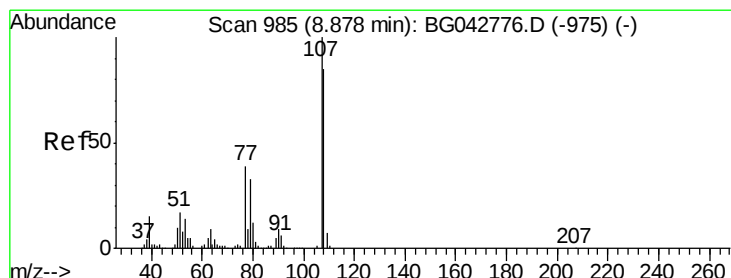
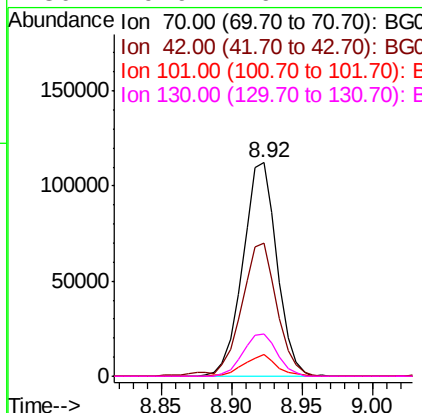
#19
n-Nitroso-di-n-propylamine
Concen: 42.830 ng
RT: 8.92 min Scan# 993
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :
PB123110BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		189563		
42	62.6	57.0	85.6		
101	10.1	8.4	12.6		
130	19.9	16.1	24.1		

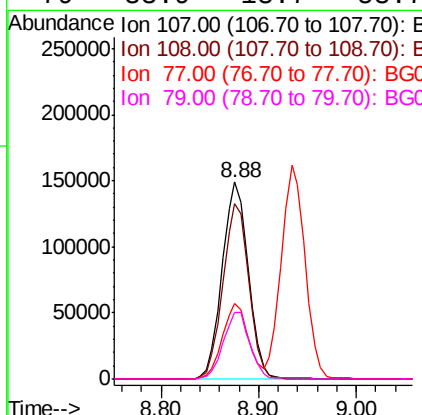
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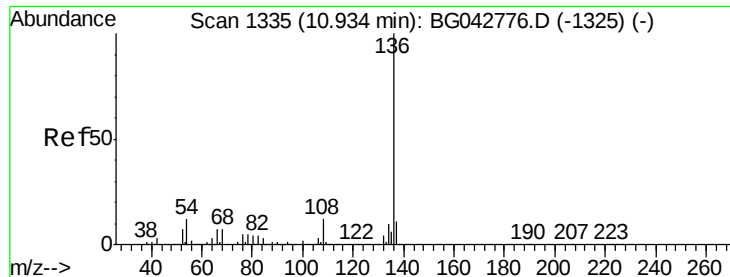
mohammad
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#20
3+4-Methylphenols
Concen: 48.749 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		276930		
108	89.0	65.4	105.4		
77	38.5	18.7	58.7		
79	33.9	13.7	53.7		





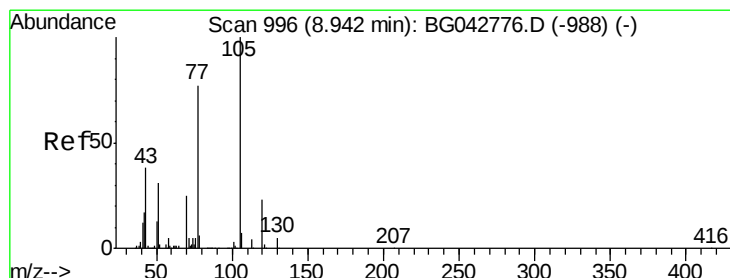
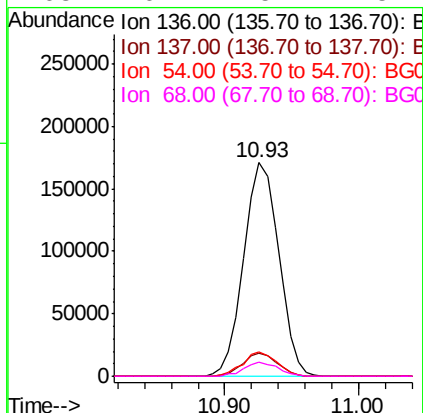
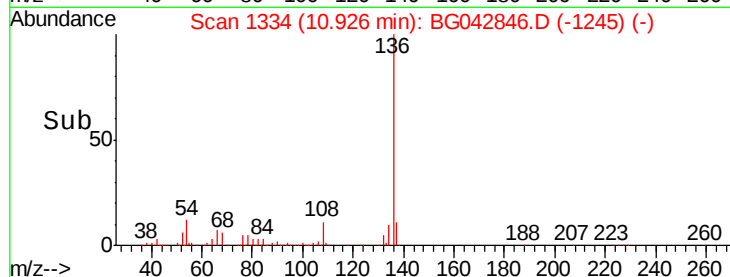
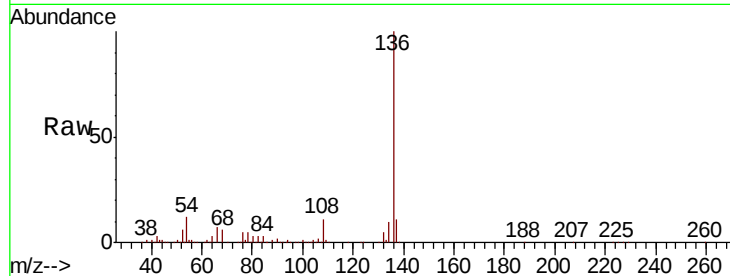
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :
PB123110BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.7	9.0	13.6	
54	11.5	9.4	14.0	
68	6.4	5.4	8.2	

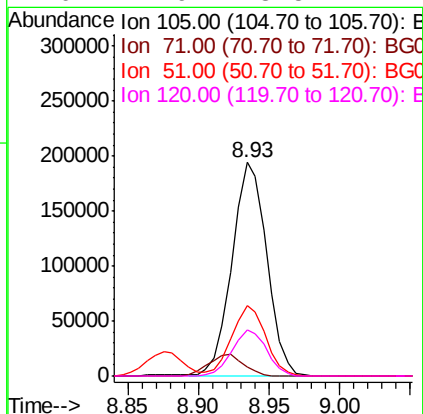
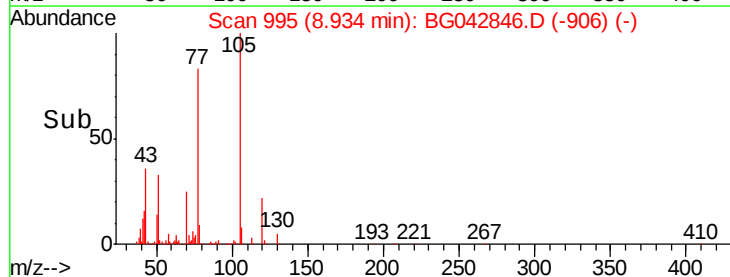
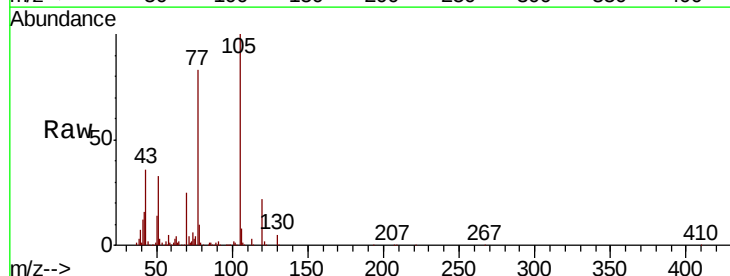
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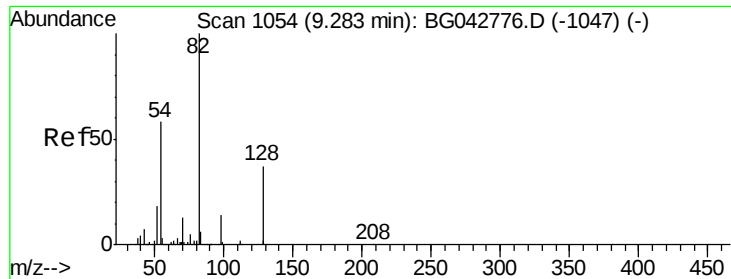
mohammad
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#22
Acetophenone
Concen: 42.153 ng
RT: 8.93 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.4	3.7	5.5	
51	32.8	28.8	43.2	
120	21.9	18.5	27.7	





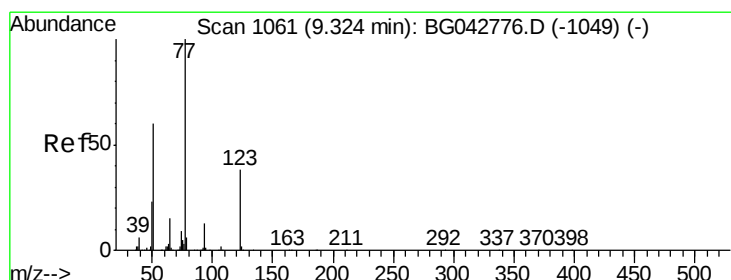
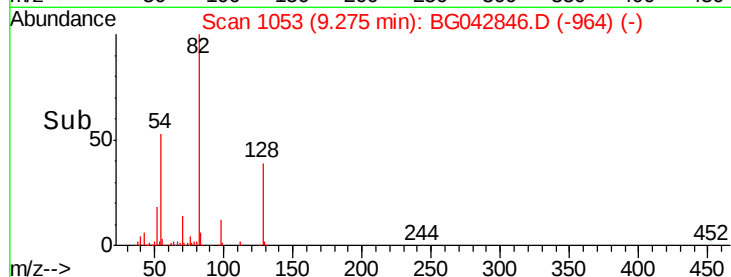
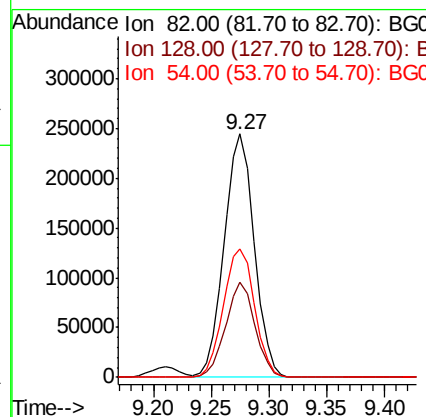
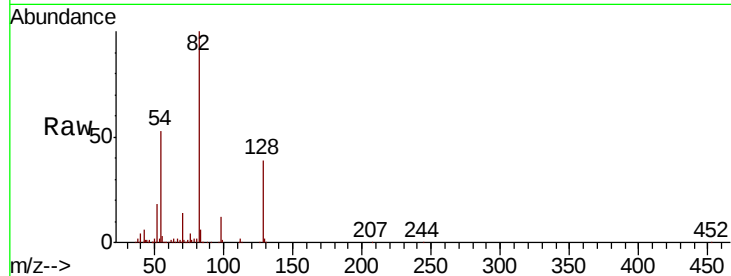
#23
 Nitrobenzene-d5
 Concen: 73.553 ng
 RT: 9.27 min Scan# 1053
 Delta R.T. -0.01 min
 Lab File: BG042846.D
 Acq: 16 Sep 2019 12:46

Instrument :
 BNA_G
 ClientSampleId :
 PB123110BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.3	29.8	44.8
54	52.7	46.1	69.1

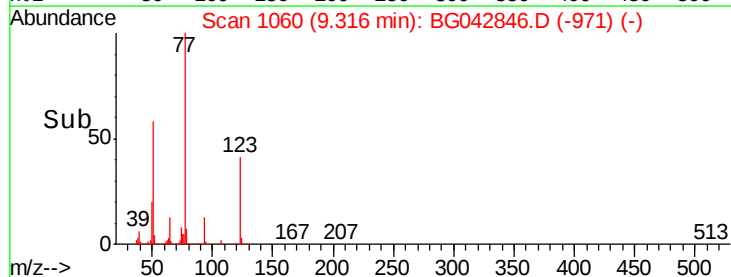
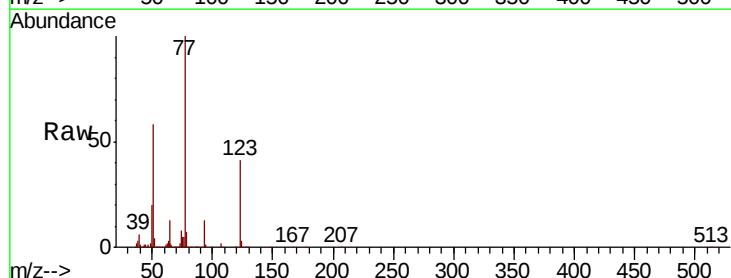
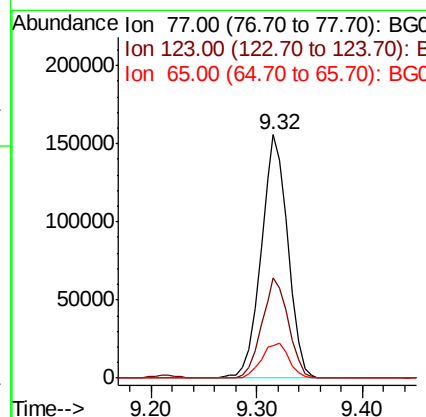
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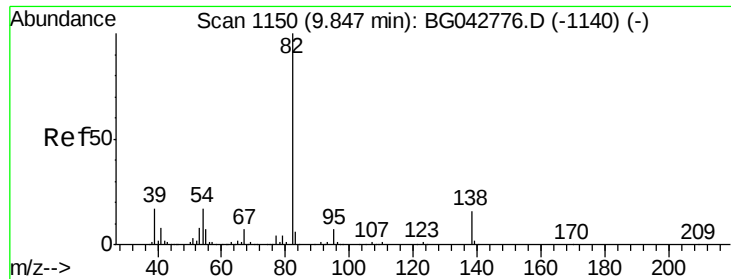
mohammad
 9/17/2019 1:26:40 PM



#24
 Nitrobenzene
 Concen: 43.356 ng
 RT: 9.32 min Scan# 1060
 Delta R.T. -0.01 min
 Lab File: BG042846.D
 Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.2	30.7	46.1
65	13.2	12.2	18.4





#25

Isophorone

Concen: 41.429 ng

RT: 9.84 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

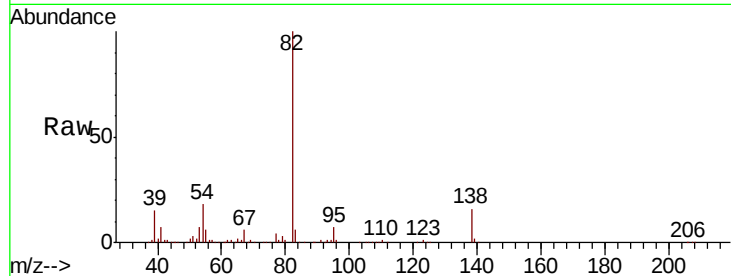
ClientSampleId :

PB123110BS

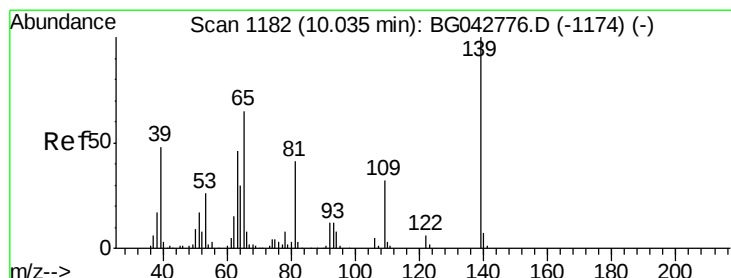
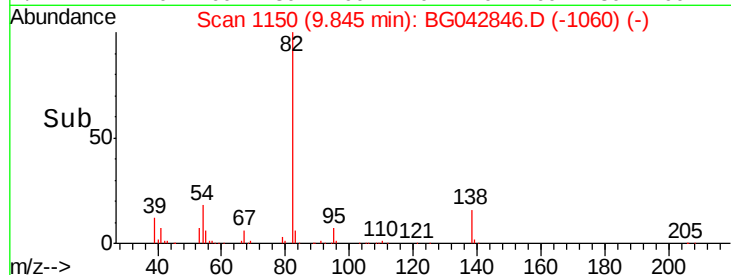
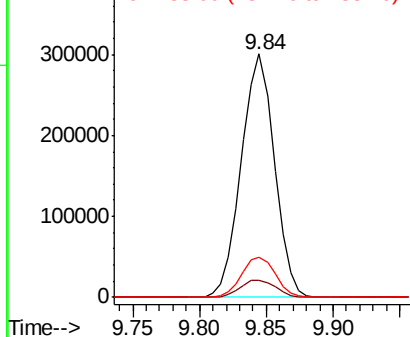
Tot Ion:	82	Resp:	517071
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.8	8.8
138	16.4	12.9	19.3

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Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 48.138 ng

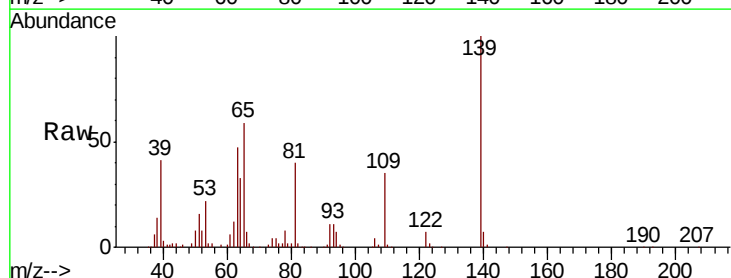
RT: 10.03 min Scan# 1182

Delta R.T. -0.00 min

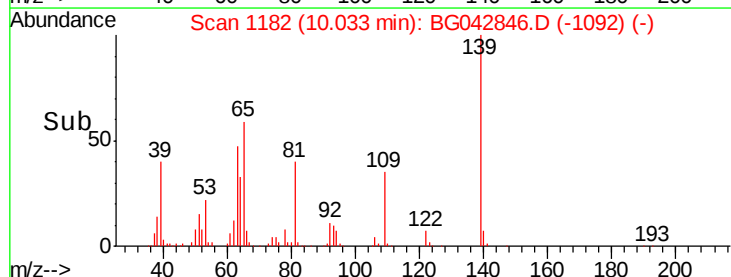
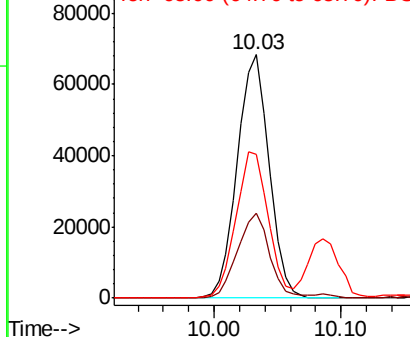
Lab File: BG042846.D

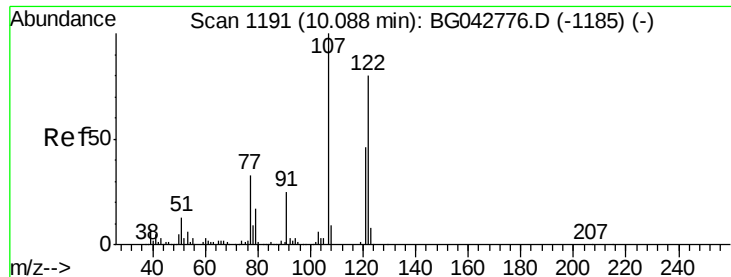
Acq: 16 Sep 2019 12:46

Tgt Ion:	139	Resp:	118969
Ion Ratio	Lower	Upper	
139	100		
109	34.9	25.8	38.8
65	59.1	52.2	78.2



Abundance Ion 139.00 (138.70 to 139.70): BGC
Ion 109.00 (108.70 to 109.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#27

2,4-Dimethylphenol

Concen: 51.313 ng

RT: 10.09 min Scan# 1191

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

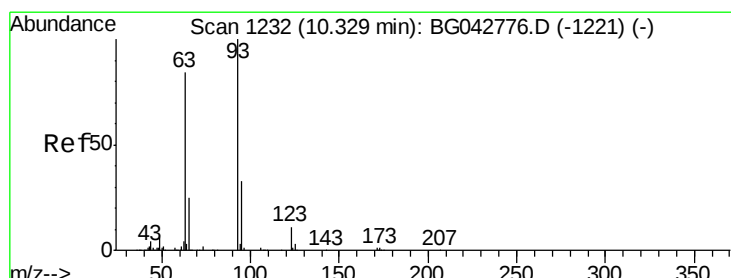
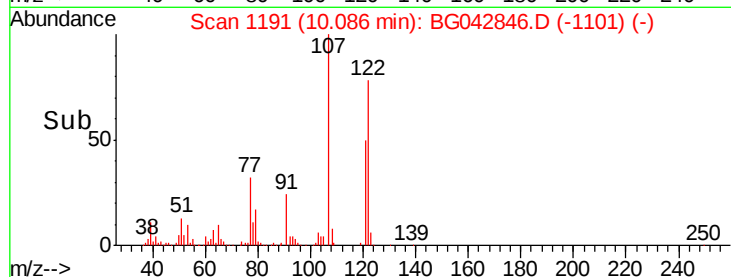
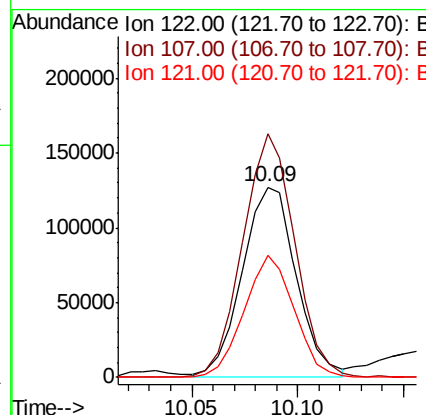
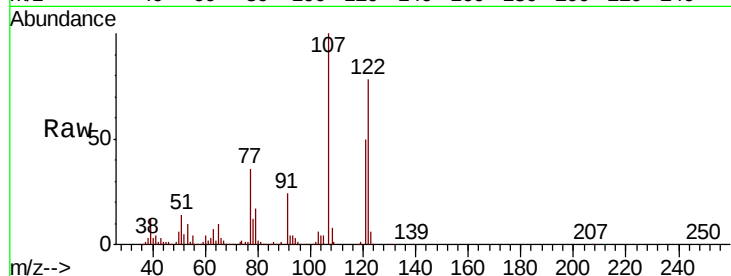
ClientSampleId :

PB123110BS

Tot Ion:	122	Resp:	224329
Ion Ratio	Lower	Upper	
122	100		
107	128.1	98.9	148.3
121	64.2	46.2	69.2

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#28

bis(2-Chloroethoxy)methane

Concen: 41.774 ng

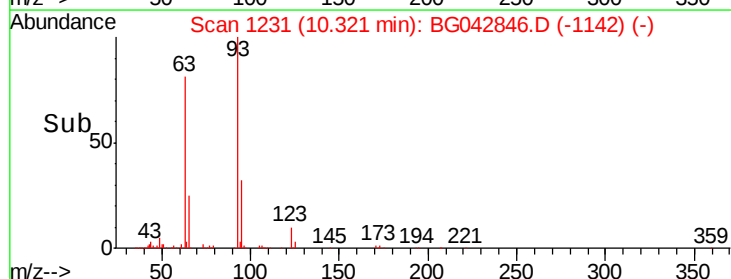
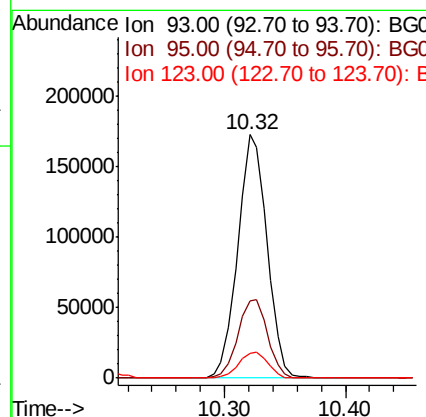
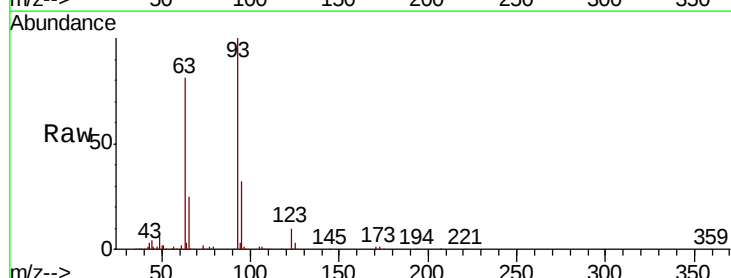
RT: 10.32 min Scan# 1231

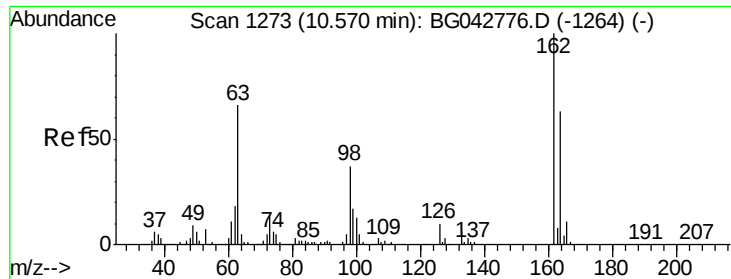
Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Tgt Ion:	93	Resp:	290763
Ion Ratio	Lower	Upper	
93	100		
95	31.9	26.6	40.0
123	10.0	9.0	13.6





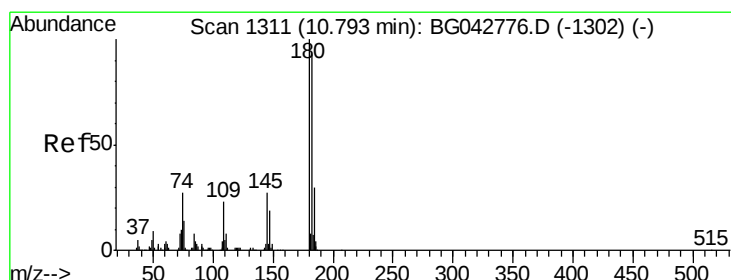
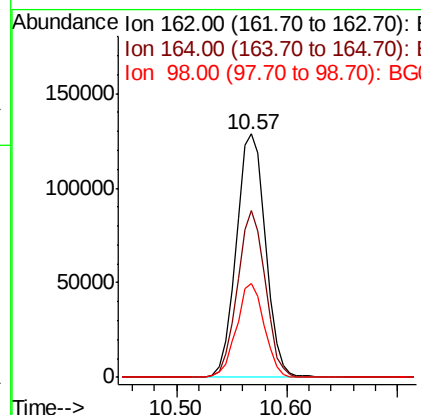
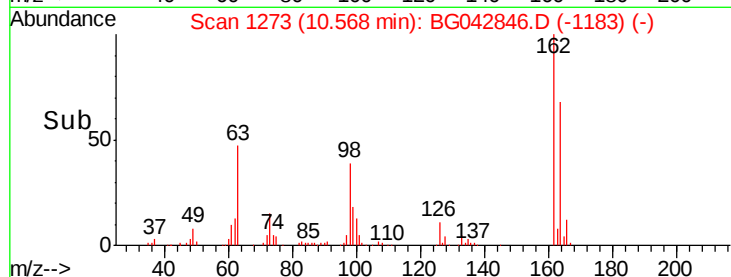
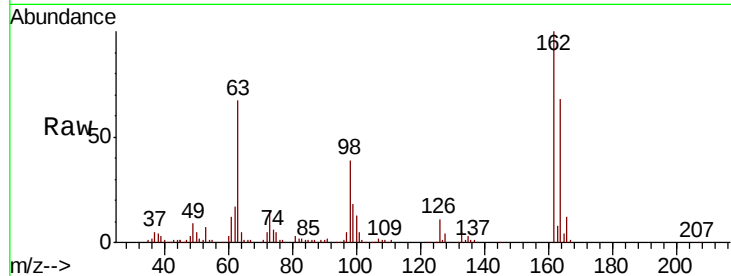
#29
 2,4-Dichlorophenol
 Concen: 47.006 ng
 RT: 10.57 min Scan# 1273
 Delta R.T. -0.00 min
 Lab File: BG042846.D
 Acq: 16 Sep 2019 12:46

Instrument :
 BNA_G
 ClientSampleId :
 PB123110BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	238805		
164	68.5	43.4	83.4	
98	38.8	17.0	57.0	

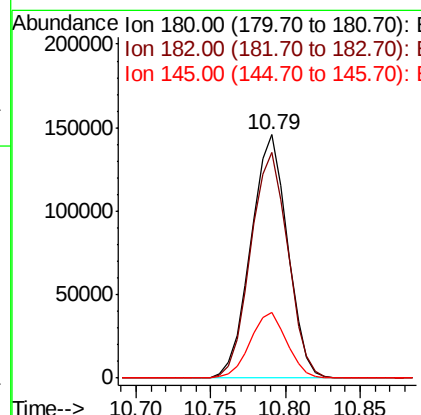
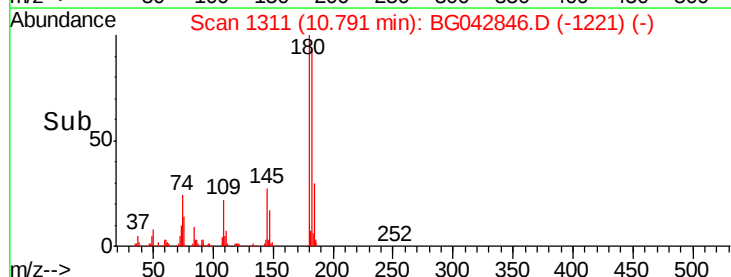
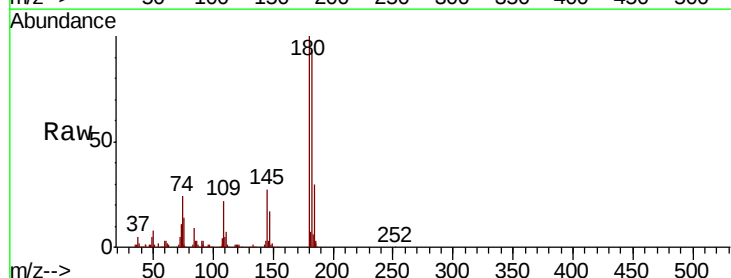
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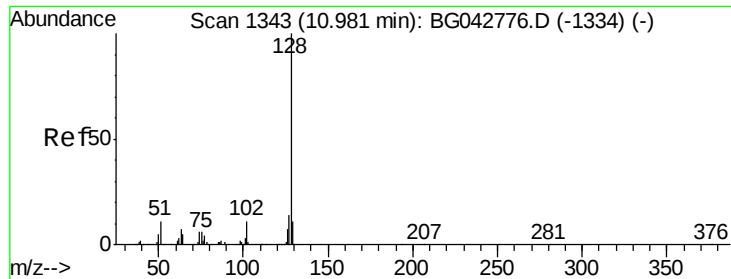
mohammad
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.911 ng
 RT: 10.79 min Scan# 1311
 Delta R.T. -0.00 min
 Lab File: BG042846.D
 Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	247554		
182	92.8	74.6	112.0	
145	26.8	21.8	32.6	





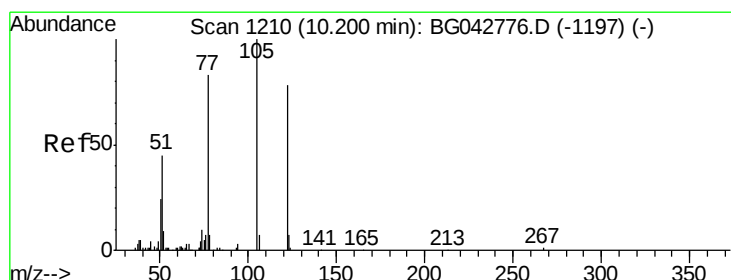
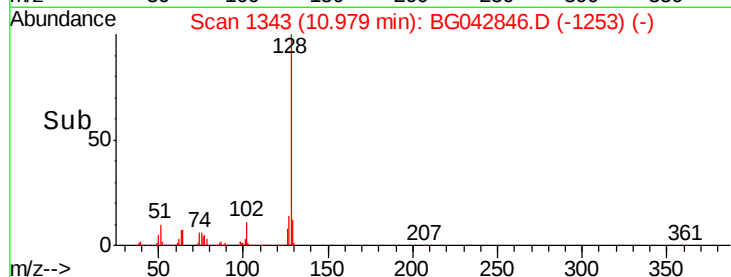
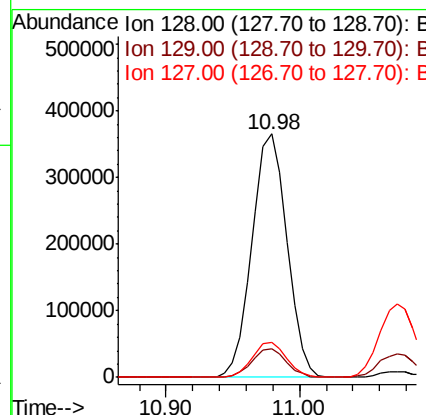
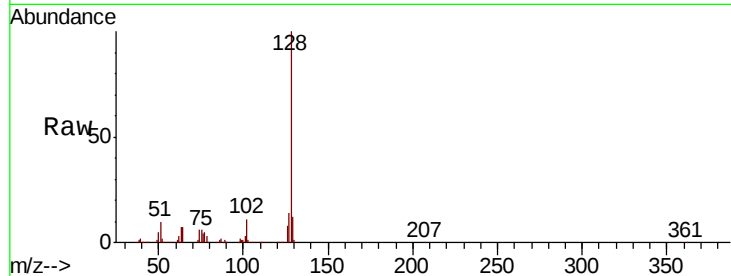
#31
Naphthalene
Concen: 42.917 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :
PB123110BS

Tot Ion	Ratio	Resp	Lower	Upper
128	100	660562		
129	11.6		9.0	13.6
127	14.2		11.4	17.2

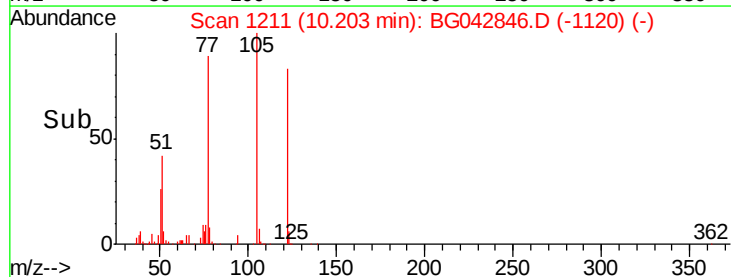
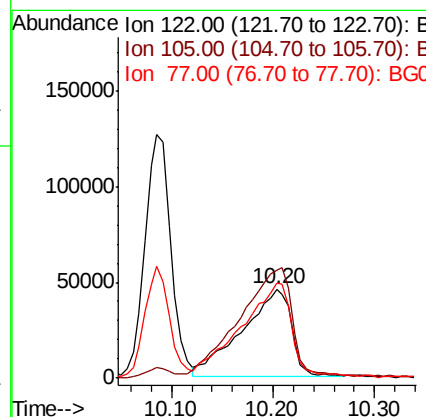
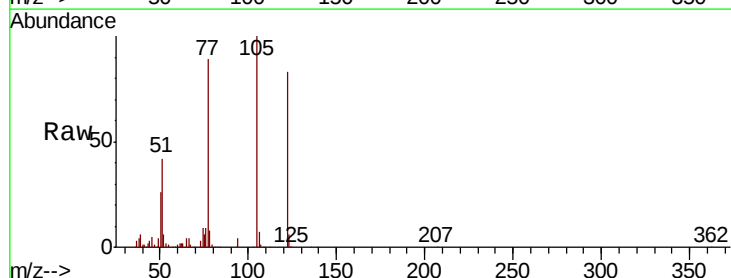
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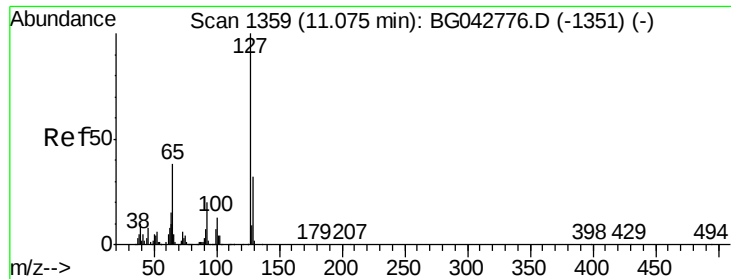
mohammad
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#32
Benzoic acid
Concen: 43.919 ng
RT: 10.20 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	153249		
105	120.8		104.0	144.0
77	107.6		84.2	124.2





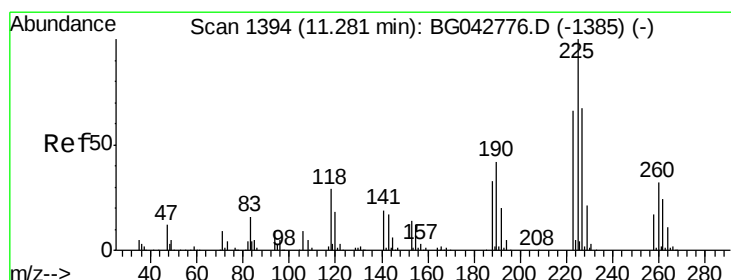
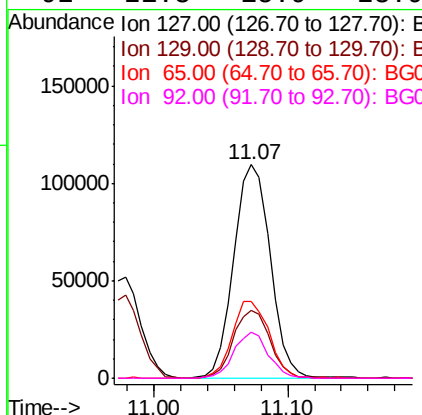
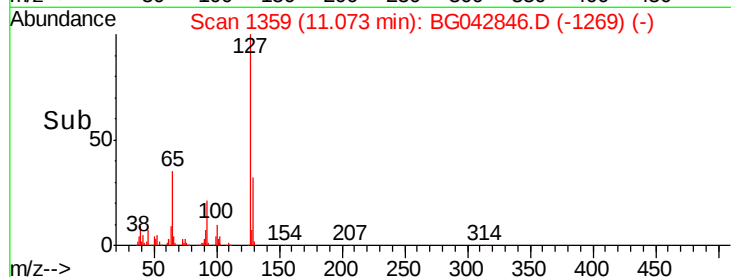
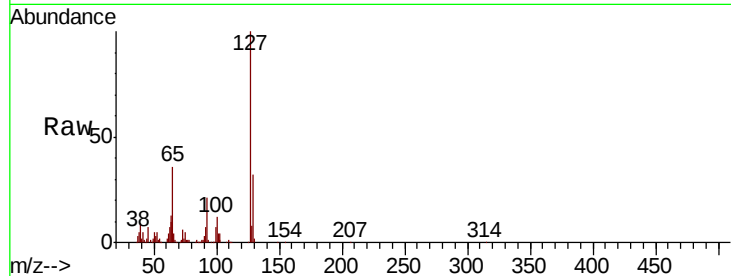
#33
4-Chloroaniline
Concen: 28.679 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :
PB123110BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.8	25.8	38.6		
65	35.8	30.5	45.7		
92	21.3	15.9	23.9		

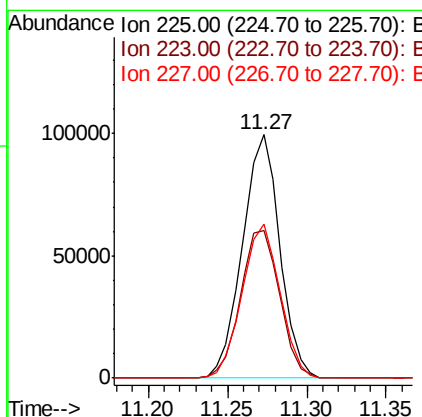
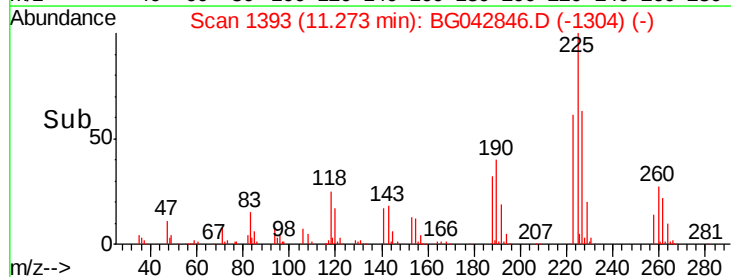
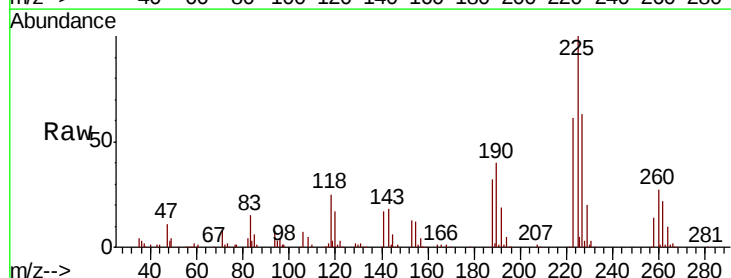
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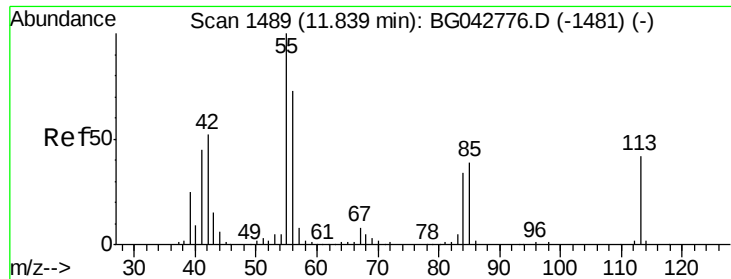
mohammad
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#34
Hexachlorobutadiene
Concen: 37.526 ng
RT: 11.27 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	60.6	52.6	79.0		
227	63.3	53.6	80.4		





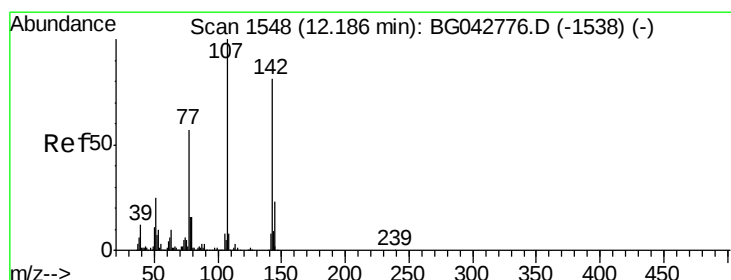
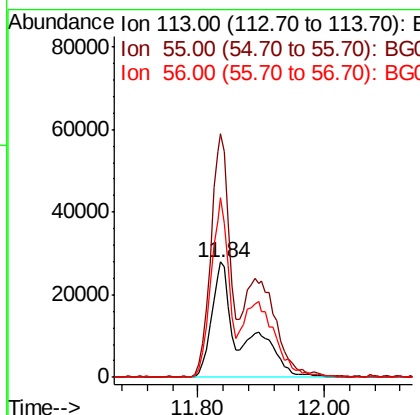
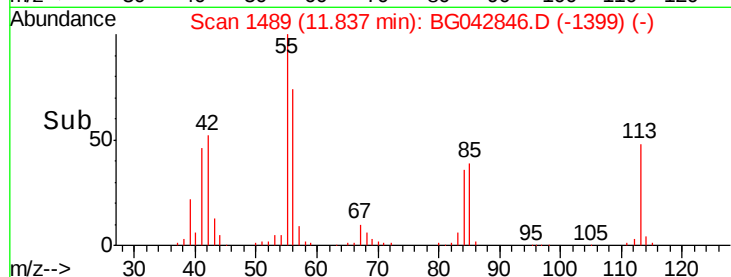
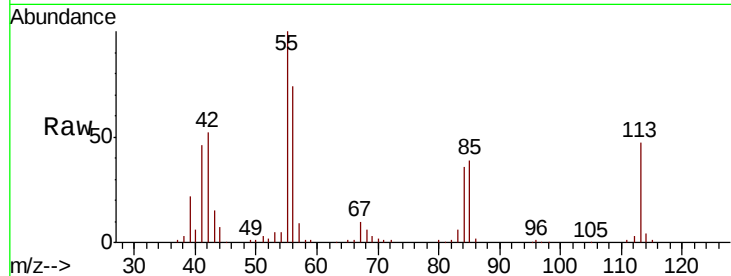
#35
 Caprolactam
 Concen: 49.956 ng/ml
 RT: 11.84 min Scan# 1489
 Delta R.T. -0.00 min
 Lab File: BG042846.D
 Acq: 16 Sep 2019 12:46

Instrument :
 BNA_G
 ClientSampleID :
 PB123110BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	211.4	218.4	258.4#
56	156.3	154.8	194.8

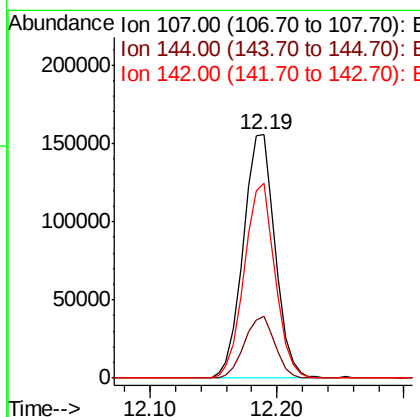
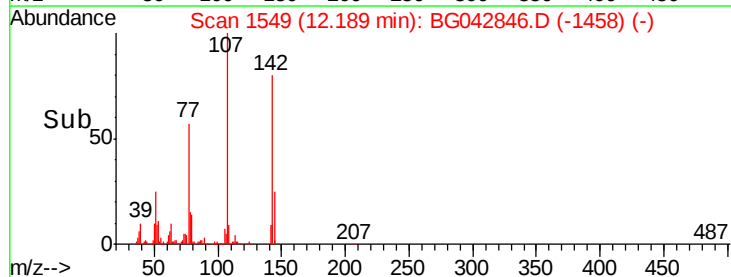
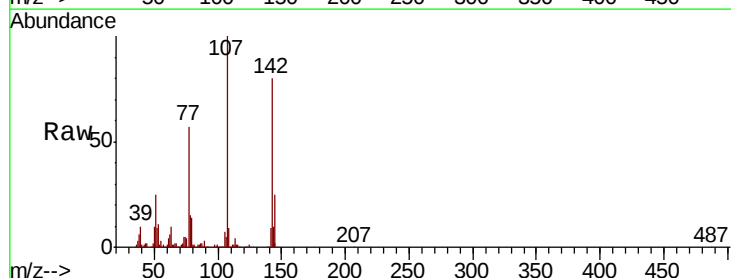
Manual Integrations
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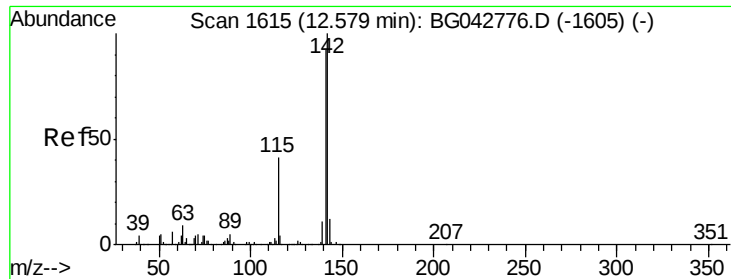
mohammad
 9/17/2019 1:26:40 PM



#36
 4-Chloro-3-methylphenol
 Concen: 49.273 ng/ml
 RT: 12.19 min Scan# 1549
 Delta R.T. 0.00 min
 Lab File: BG042846.D
 Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	18.7	28.1
142	79.9	65.0	97.4





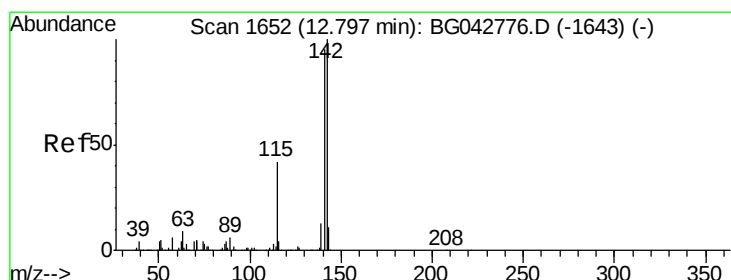
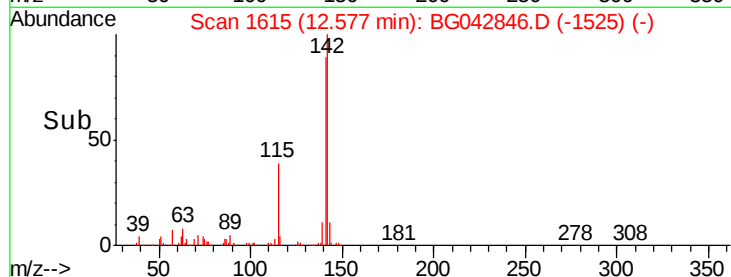
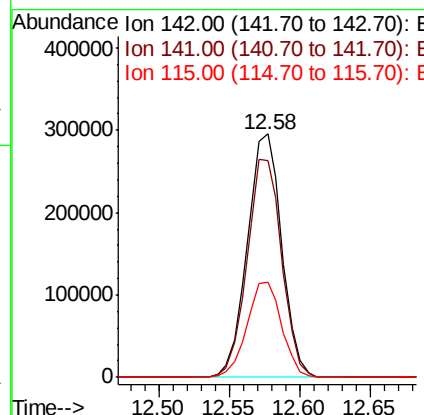
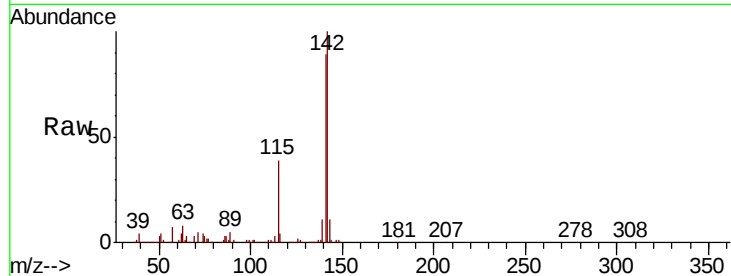
#37
 2-Methylnaphthalene
 Concen: 43.710 ng
 RT: 12.58 min Scan# 1615
 Delta R.T. -0.00 min
 Lab File: BG042846.D
 Acq: 16 Sep 2019 12:46

Instrument :
 BNA_G
 ClientSampleId :
 PB123110BS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	503958		
141	89.0		73.8	110.8
115	39.3		33.0	49.4

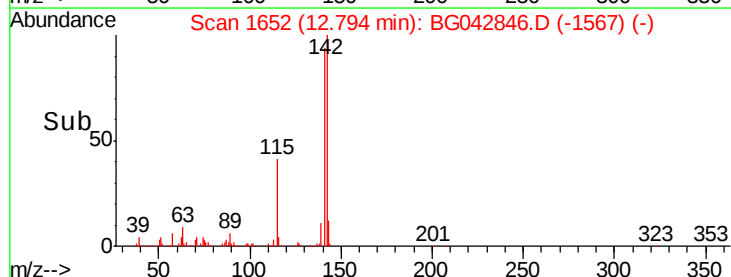
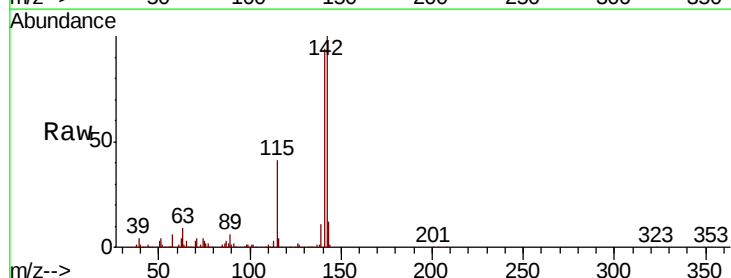
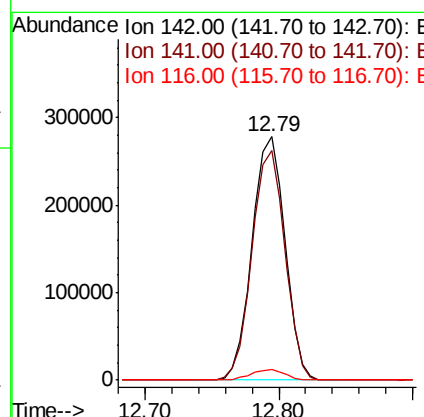
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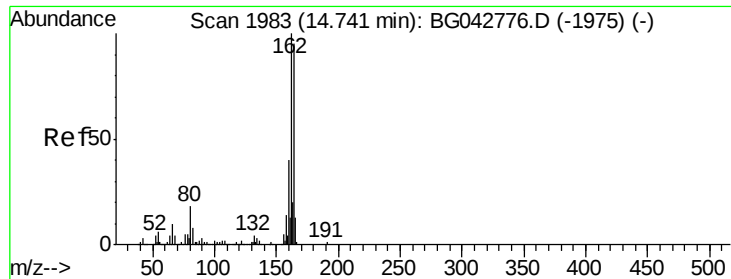
mohammad
 9/17/2019 1:26:40 PM



#38
 1-Methylnaphthalene
 Concen: 43.639 ng
 RT: 12.79 min Scan# 1652
 Delta R.T. -0.00 min
 Lab File: BG042846.D
 Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	471897		
141	94.1		76.3	114.5
116	4.4		3.4	5.0





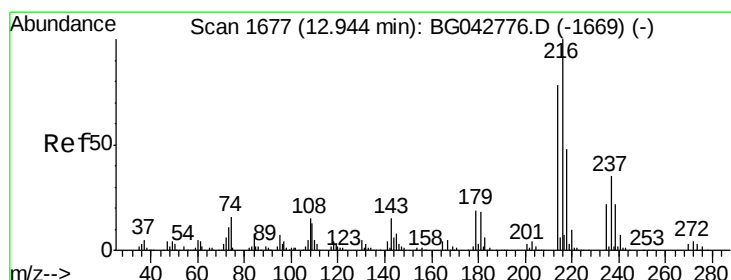
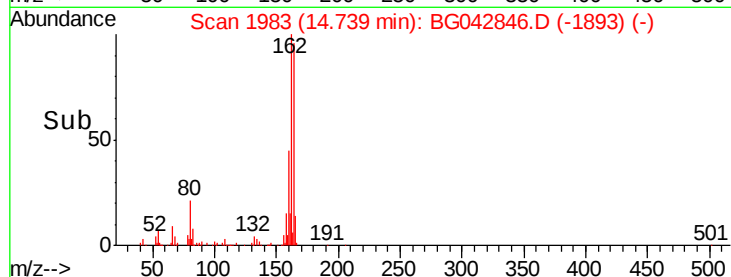
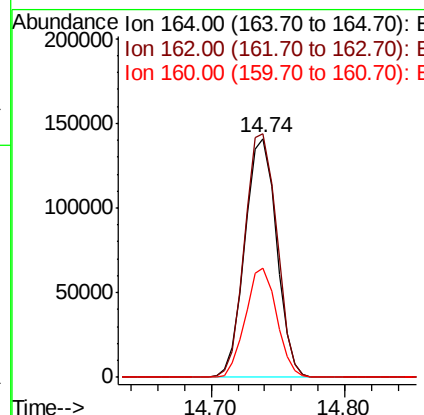
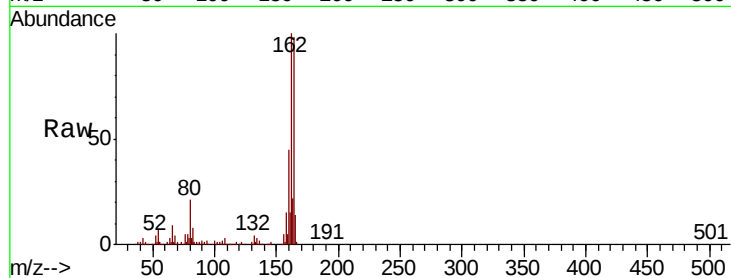
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :
PB123110BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	102.1	84.6	126.8
160	45.9	34.2	51.2

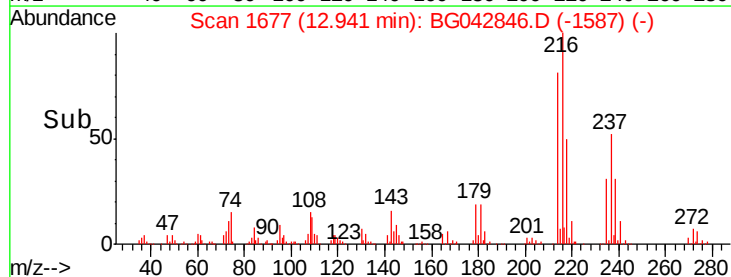
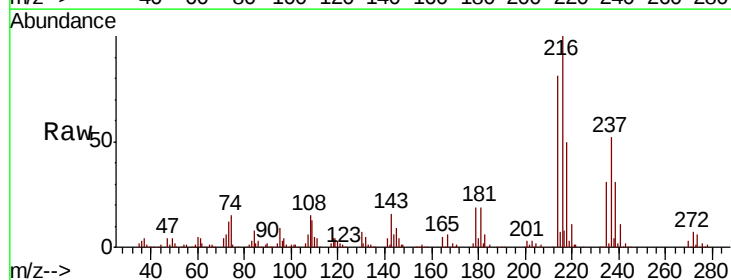
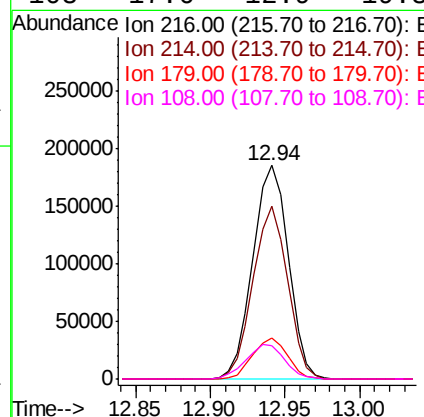
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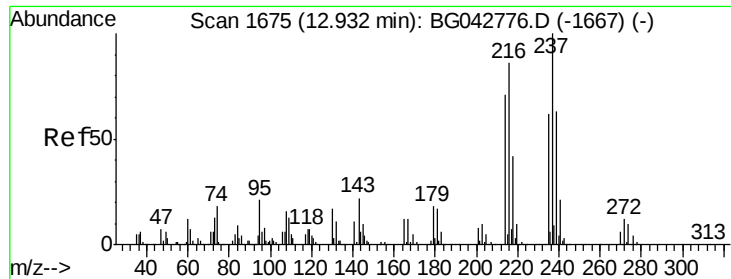
mohammad
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.993 ng
RT: 12.94 min Scan# 1677
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	62.8	94.2
179	18.8	15.3	22.9
108	17.6	12.9	19.3





#41

Hexachlorocyclopentadiene

Concen: 85.229 ng

RT: 12.93 min Scan# 1675

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

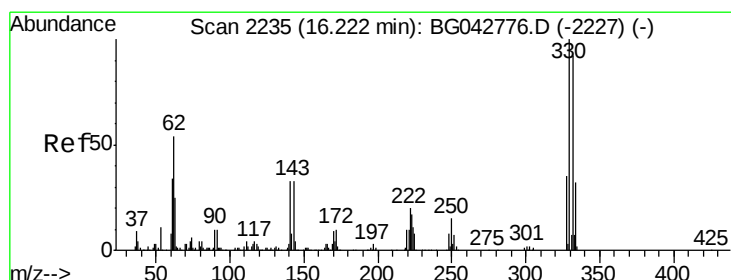
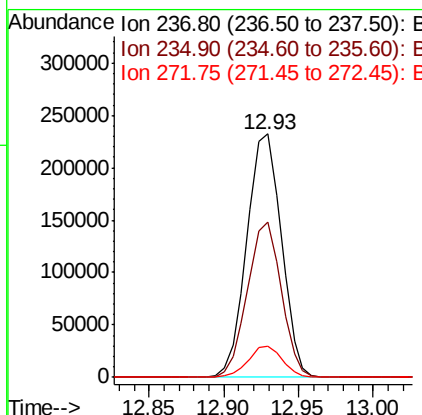
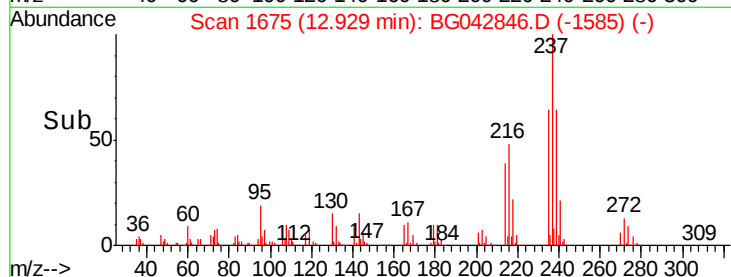
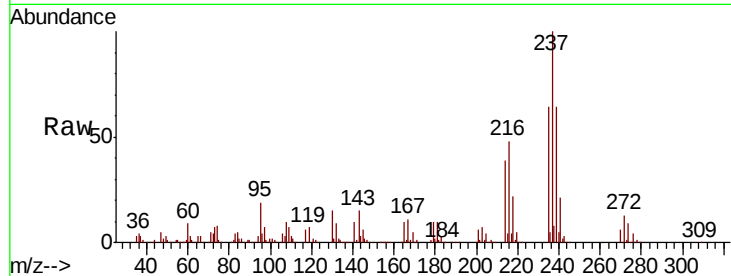
ClientSampleId :

PB123110BS

Tot Ion	Ratio	Resp	Lower	Upper
237	100			
235	63.9	41.9	81.9	
272	12.8	0.0	31.6	

Manual Integrations
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9/17/2019 1:26:40 PM



#42

2,4,6-Tribromophenol

Concen: 126.180 ng

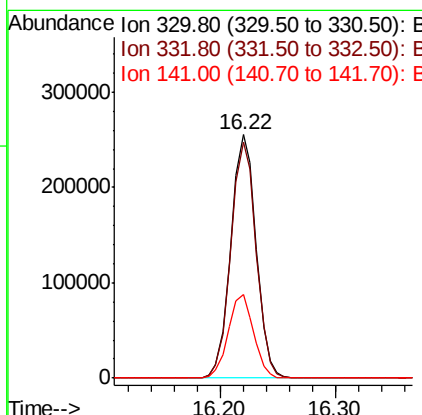
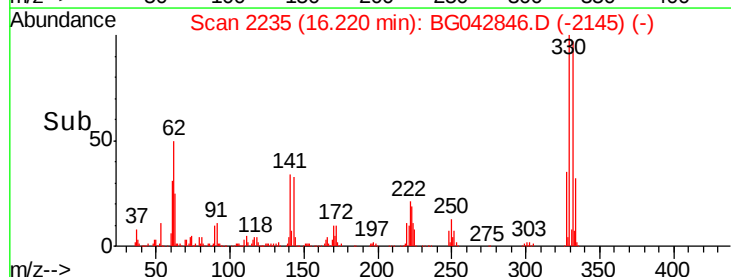
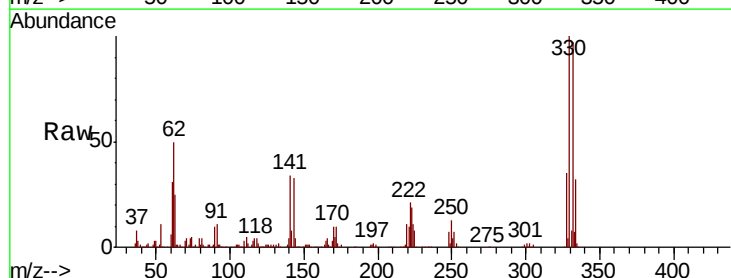
RT: 16.22 min Scan# 2235

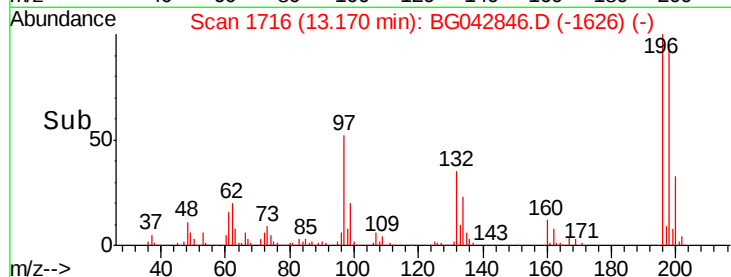
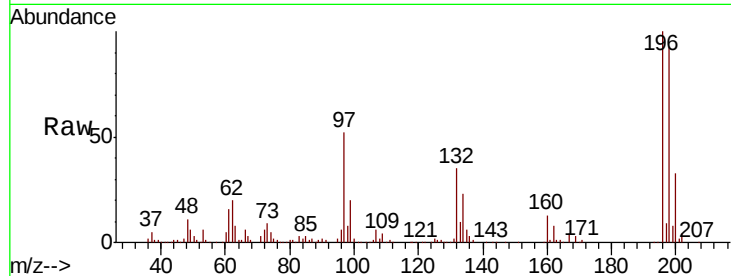
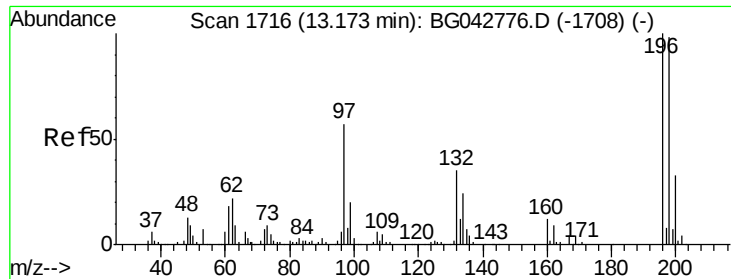
Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.9	76.7	115.1	
141	34.5	27.0	40.6	





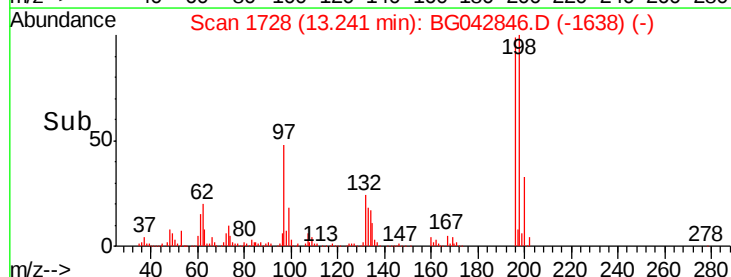
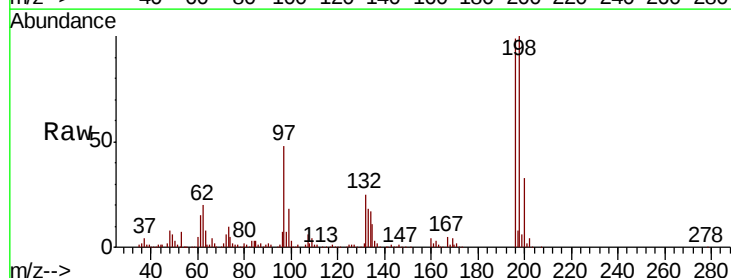
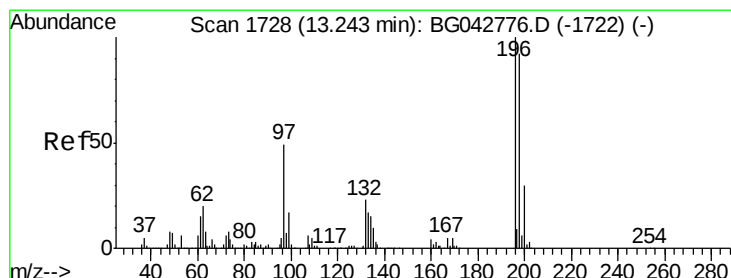
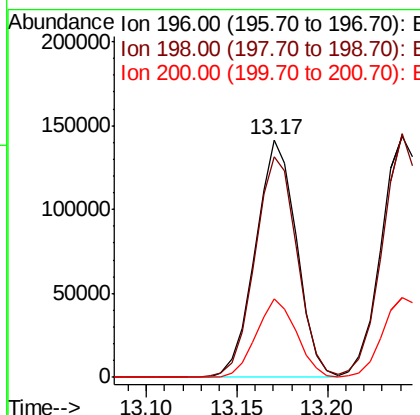
#43
2,4,6-Trichlorophenol
Concen: 43.889 ng
RT: 13.17 min Scan# 1716
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tot Ion	Ratio	Resp	Lower	Upper
196	100	222852		
198	92.9	78.8	118.2	
200	33.0	26.2	39.4	

Instrument :
BNA_G
ClientSampleId :
PB123110BS

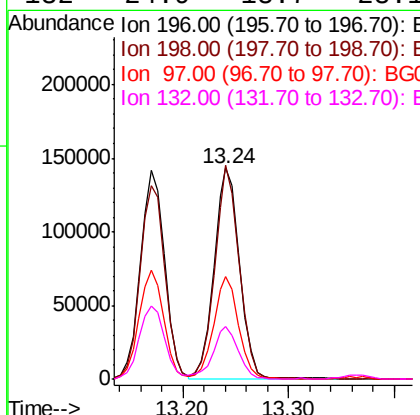
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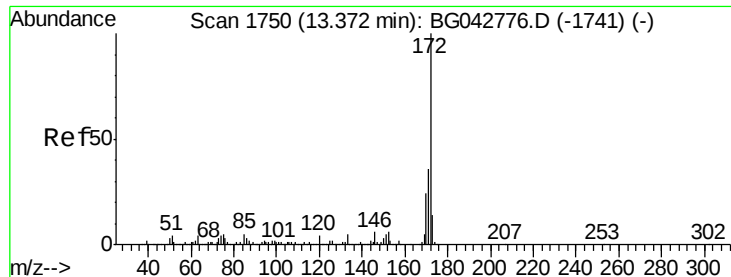
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#44
2,4,5-Trichlorophenol
Concen: 46.325 ng
RT: 13.24 min Scan# 1728
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	240934		
198	101.2	73.4	110.0	
97	48.4	39.2	58.8	
132	24.9	18.7	28.1	





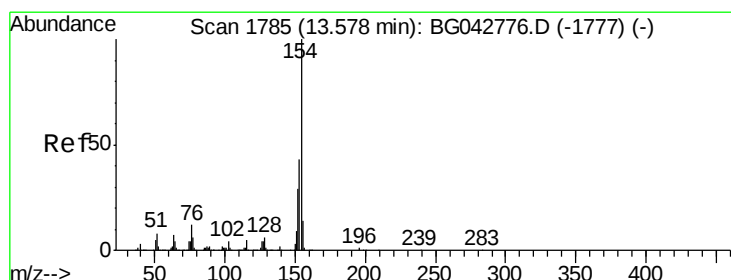
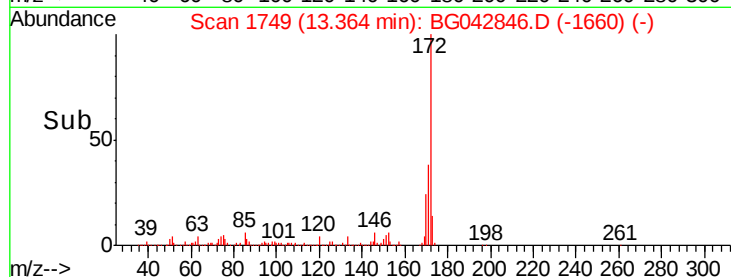
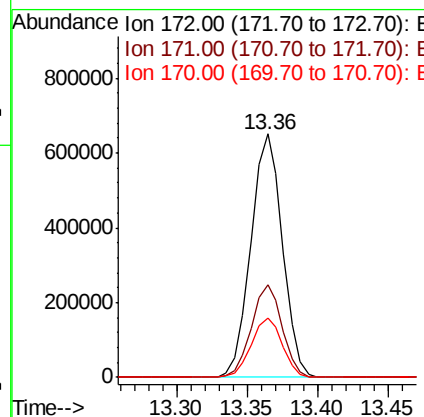
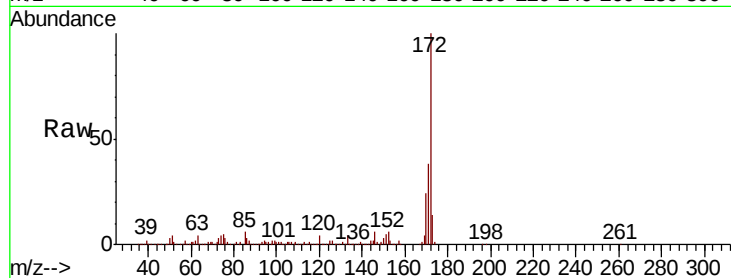
#45
2-Fluorobiphenyl
Concen: 69.825 ng
RT: 13.36 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :
PB123110BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.9	28.9	43.3
170	24.3	19.1	28.7

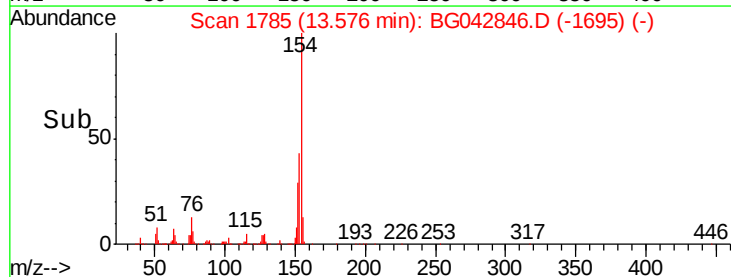
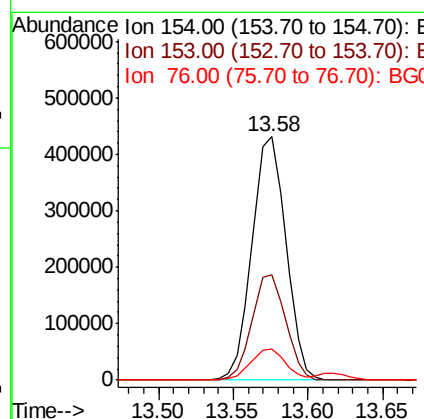
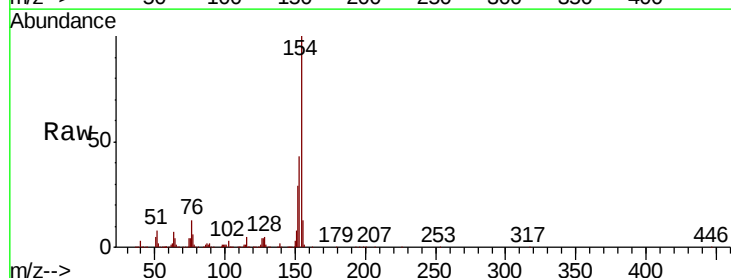
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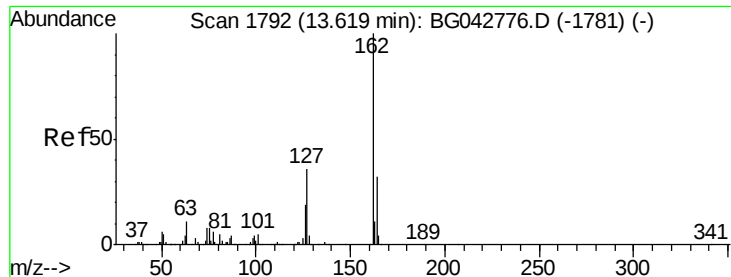
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#46
1,1'-Biphenyl
Concen: 41.917 ng
RT: 13.58 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	22.6	62.6
76	13.0	0.0	32.2





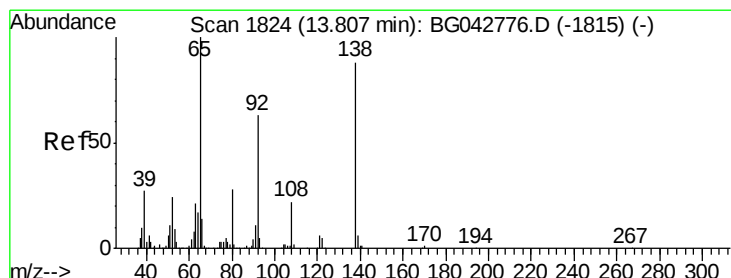
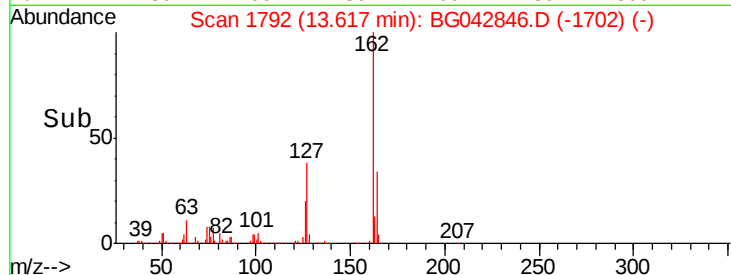
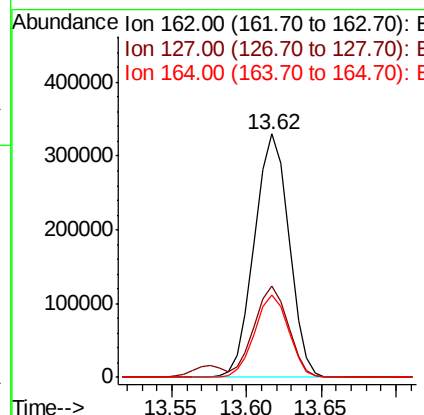
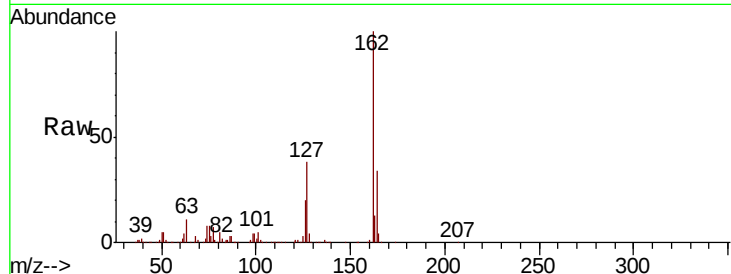
#47
 2-Chloronaphthalene
 Concen: 39.612 ng
 RT: 13.62 min Scan# 1792
 Delta R.T. -0.00 min
 Lab File: BG042846.D
 Acq: 16 Sep 2019 12:46

Instrument :
 BNA_G
 ClientSampleId :
 PB123110BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	529461		
127	37.8	29.3	43.9	
164	34.0	26.0	39.0	

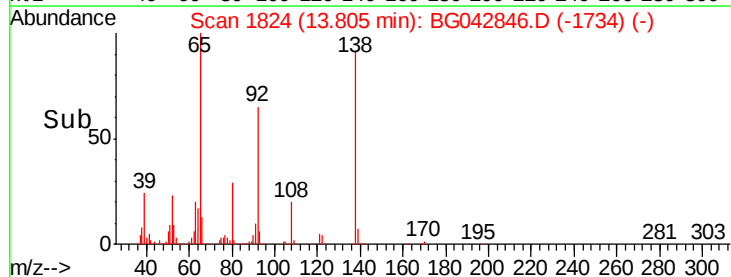
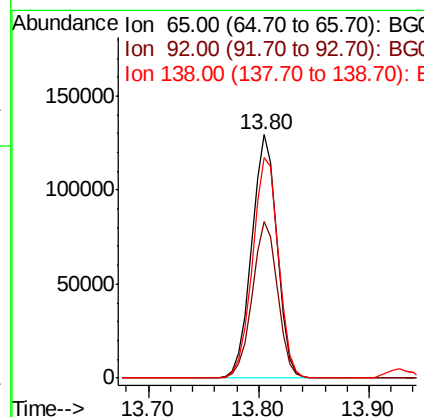
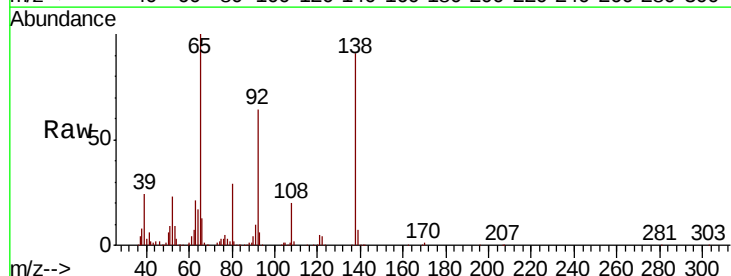
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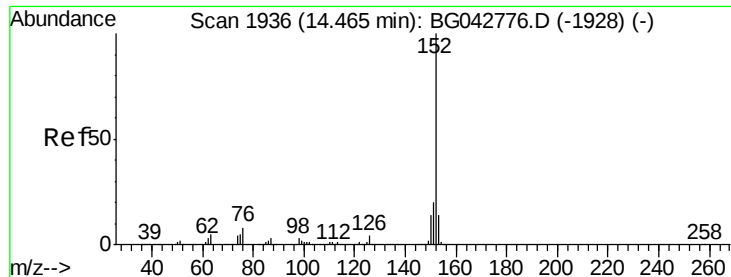
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#48
 2-Nitroaniline
 Concen: 45.112 ng
 RT: 13.80 min Scan# 1824
 Delta R.T. -0.00 min
 Lab File: BG042846.D
 Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	209171		
92	64.3	50.4	75.6	
138	90.6	70.6	106.0	





#49

Acenaphthylene

Concen: 43.318 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

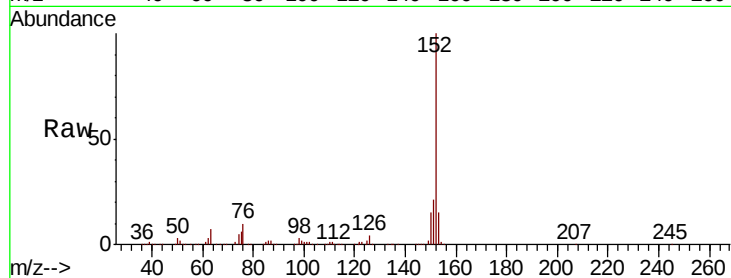
ClientSampleId :

PB123110BS

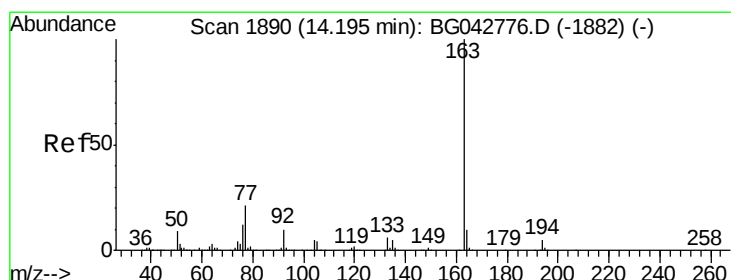
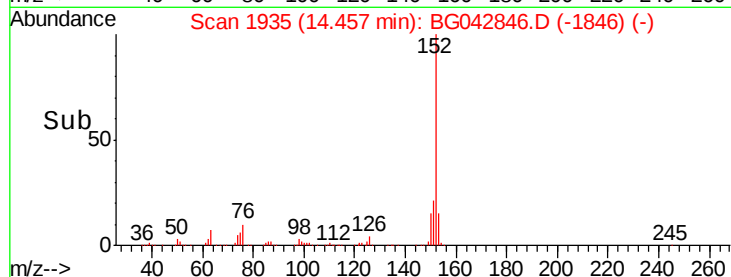
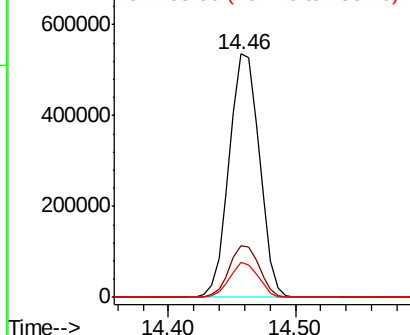
Tot Ion:	152	Resp:	884818
Ion Ratio	Lower	Upper	
152	100		
151	21.3	16.0	24.0
153	14.5	11.4	17.0

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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: 42.678 ng

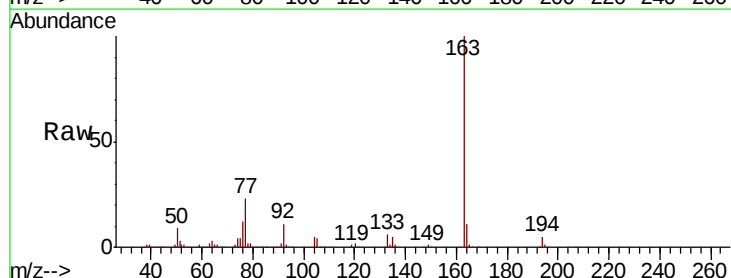
RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

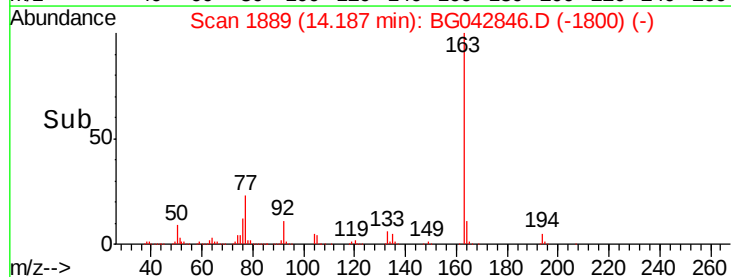
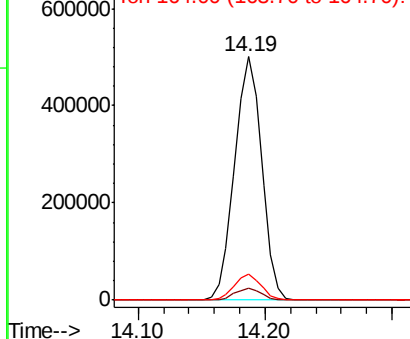
Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Tgt Ion:	163	Resp:	737918
Ion Ratio	Lower	Upper	
163	100		
194	5.1	4.2	6.4
164	10.6	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: 48.062 ng

RT: 14.30 min Scan# 1908

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

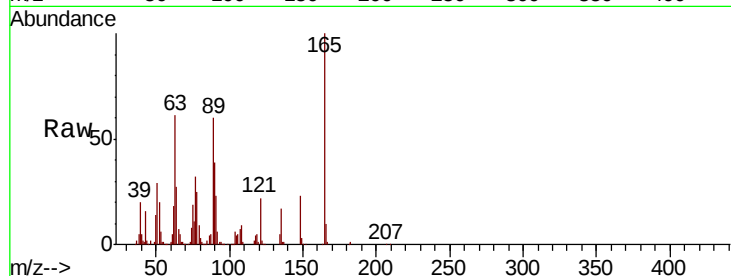
ClientSampled :

PB123110BS

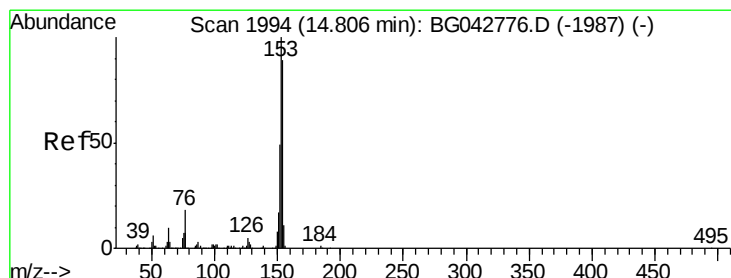
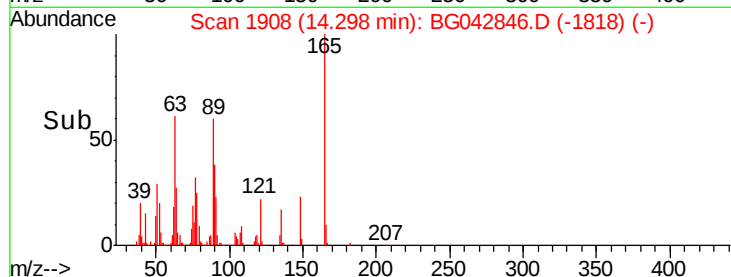
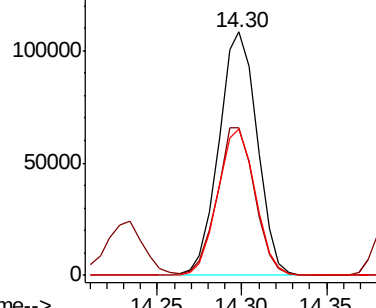
Tot Ion:	165	Resp:	170516
Ion Ratio	Lower	Upper	
165	100		
63	60.7	52.1	78.1
89	60.1	51.7	77.5

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Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 47.164 ng

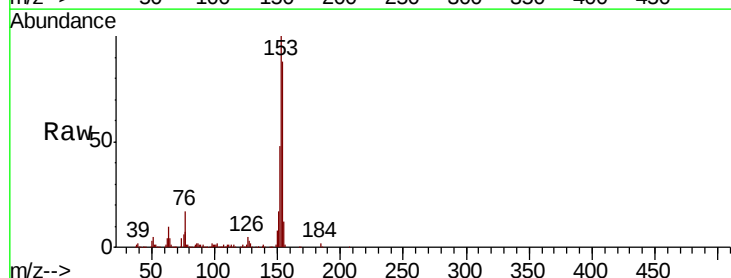
RT: 14.80 min Scan# 1994

Delta R.T. -0.00 min

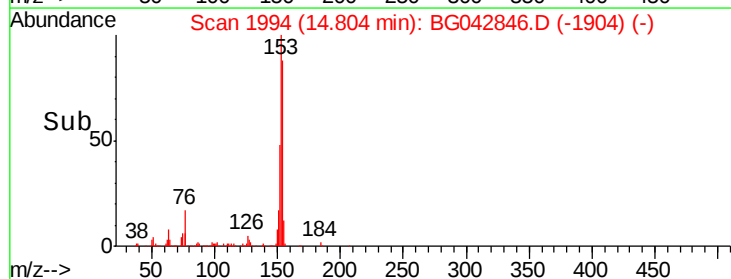
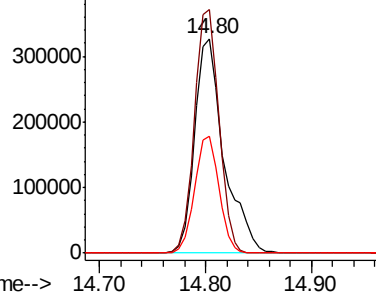
Lab File: BG042846.D

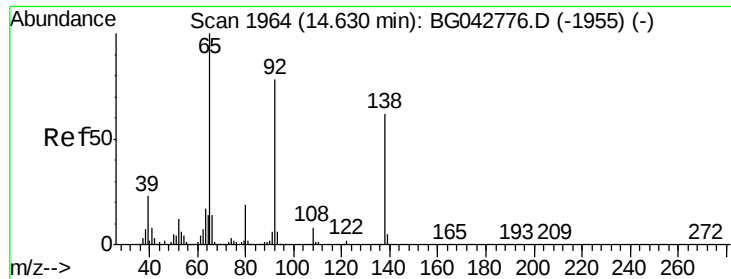
Acq: 16 Sep 2019 12:46

Tgt Ion:	154	Resp:	629373
Ion Ratio	Lower	Upper	
154	100		
153	113.7	89.4	134.2
152	54.9	43.5	65.3



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





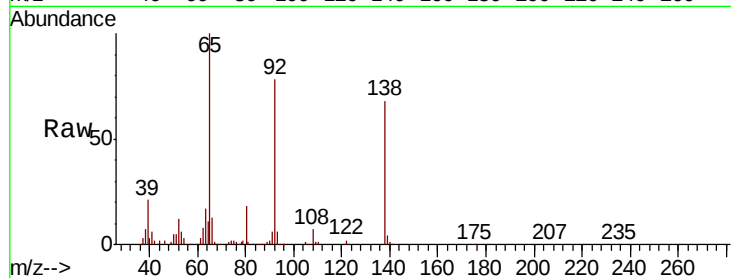
#53
3-Nitroaniline
Concen: 34.615 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :
PB123110BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	10.7	16.1#
92	115.7	100.5	150.7

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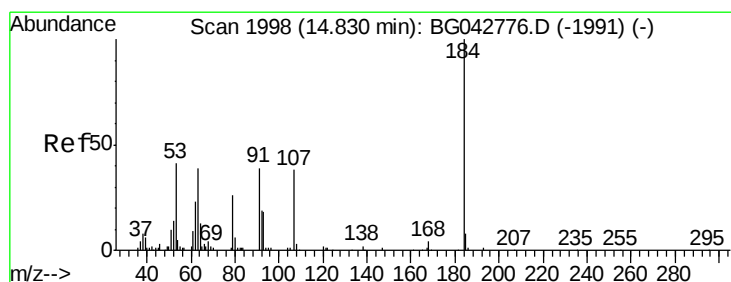
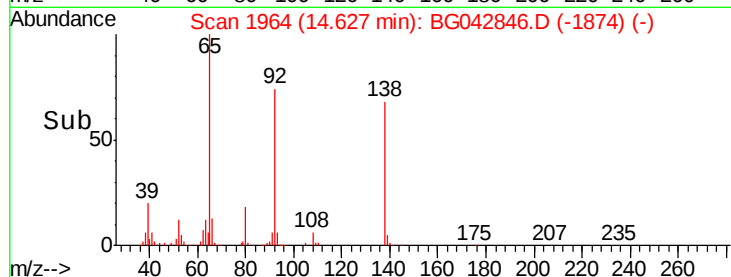
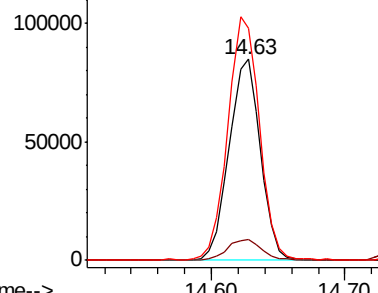


Abundance

Ion 138.00 (137.70 to 138.70): E

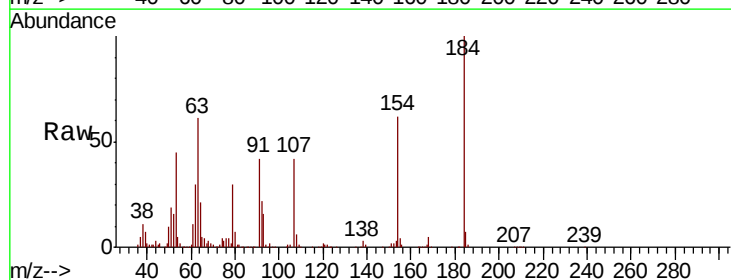
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 111.819 ng
RT: 14.83 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
184	100		
63	61.0	46.2	69.4
154	62.1	81.3	121.9#

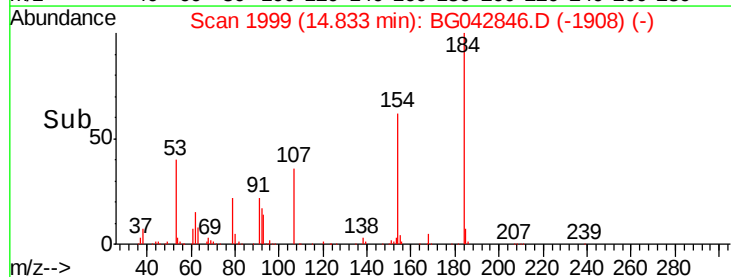
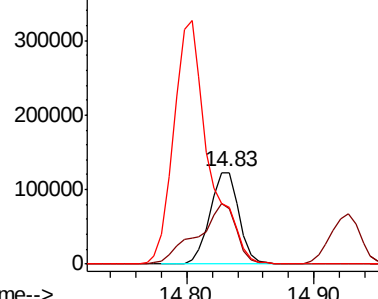


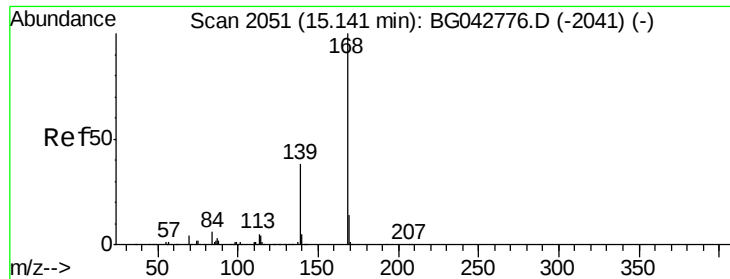
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





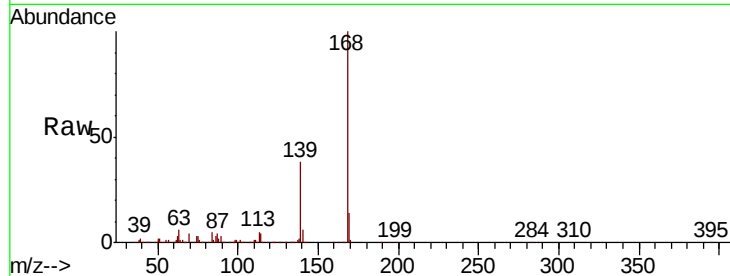
#55
Dibenzofuran
Concen: 43.079 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :
PB123110BS

Tot Ion	Ratio	Resp	Lower	Upper
168	100	854460		
139	38.4		30.2	45.4
169	14.3		11.2	16.8

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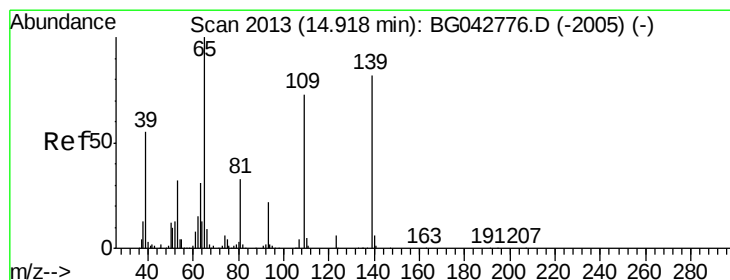
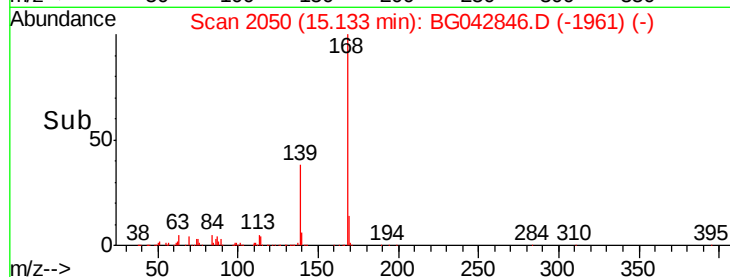
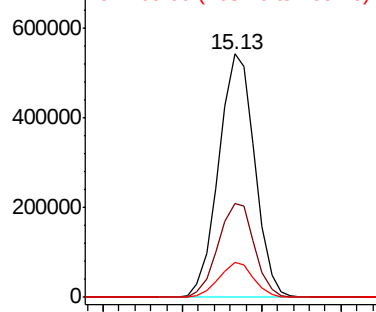


Abundance

Ion 168.00 (167.70 to 168.70): E

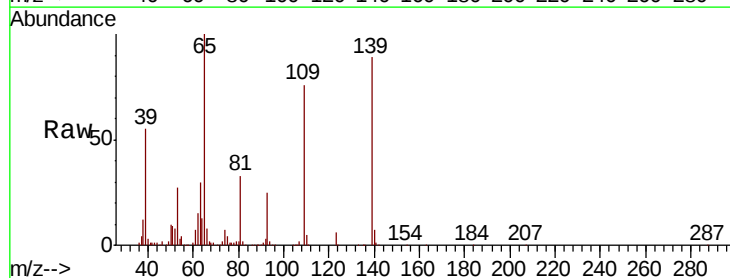
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 105.876 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	325959		
109	86.1		69.4	109.4
65	112.7		102.5	142.5

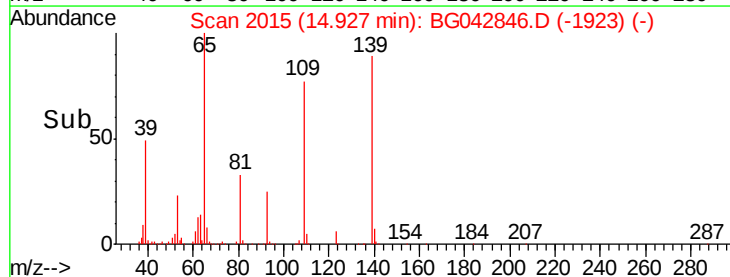
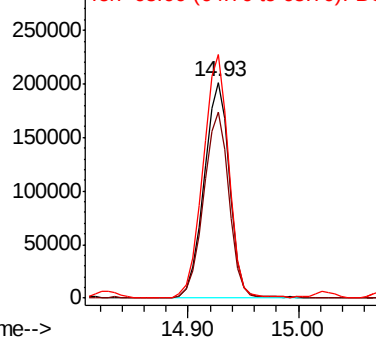


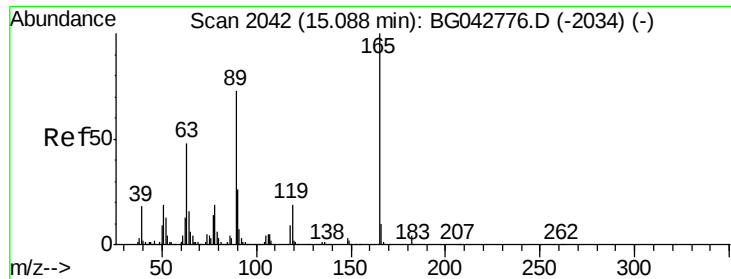
Abundance

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): E





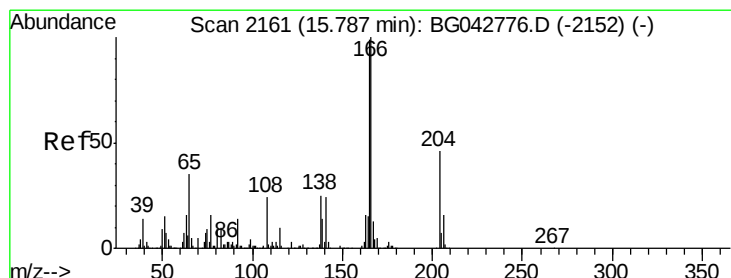
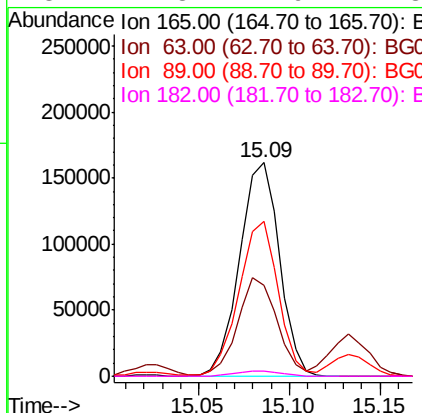
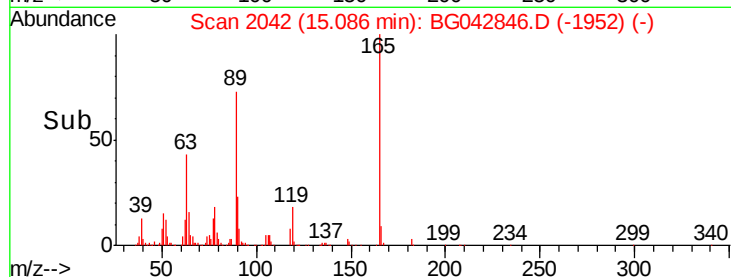
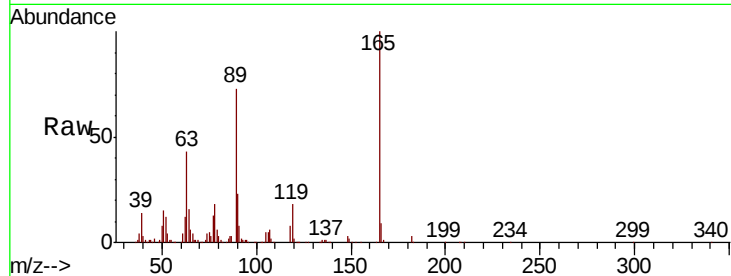
#57
 2,4-Dinitrotoluene
 Concen: 52.219 ng
 RT: 15.09 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BG042846.D
 Acq: 16 Sep 2019 12:46

Instrument :
 BNA_G
 ClientSampleId :
 PB123110BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	246943		
63	42.8		38.3	57.5
89	72.8		58.4	87.6
182	2.8		2.9	4.3#

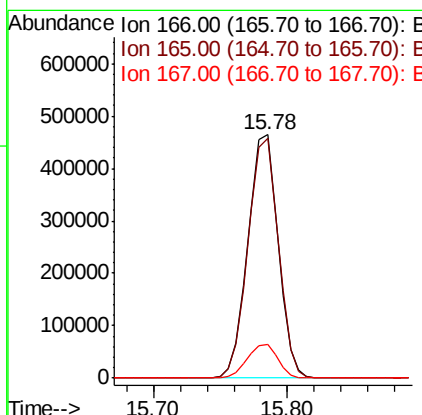
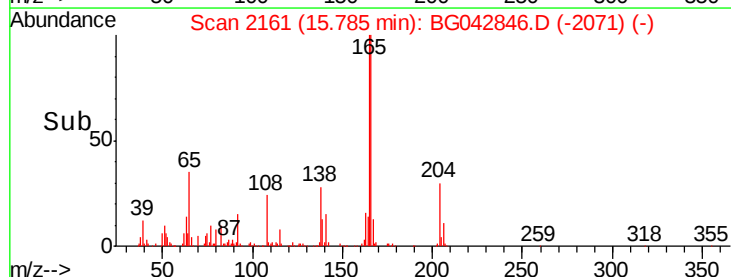
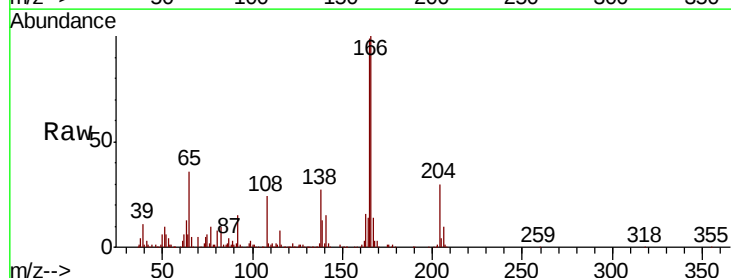
Manual Integrations
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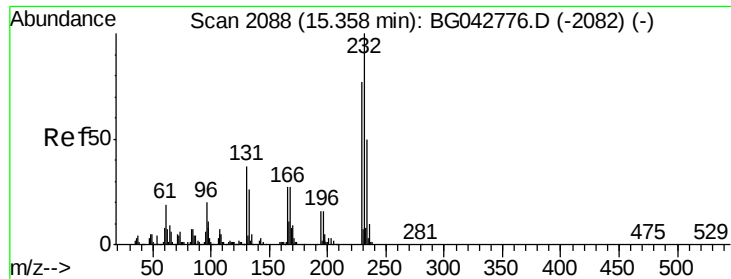
mohammad
 9/17/2019 1:26:40 PM



#58
 Fluorene
 Concen: 44.004 ng
 RT: 15.78 min Scan# 2161
 Delta R.T. -0.00 min
 Lab File: BG042846.D
 Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	723347		
165	98.6		79.1	118.7
167	13.7		10.7	16.1





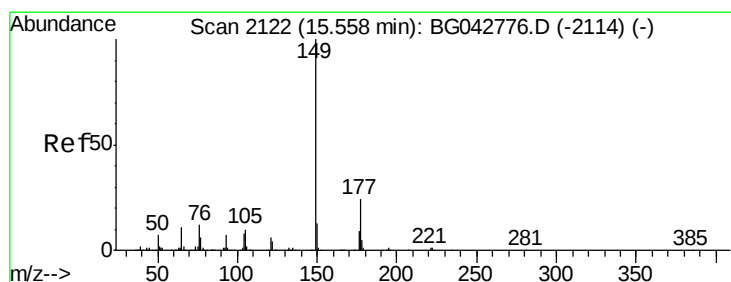
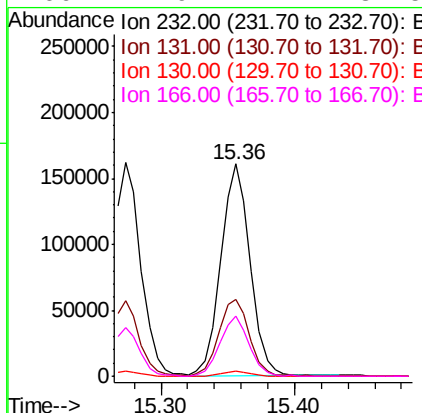
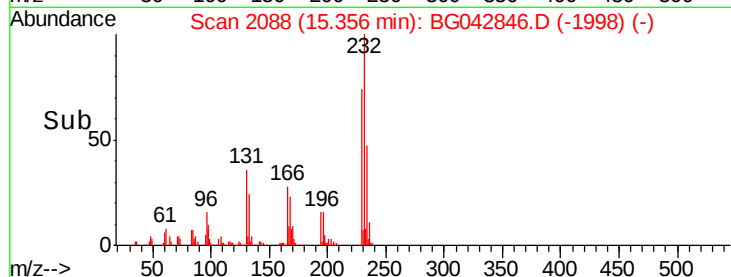
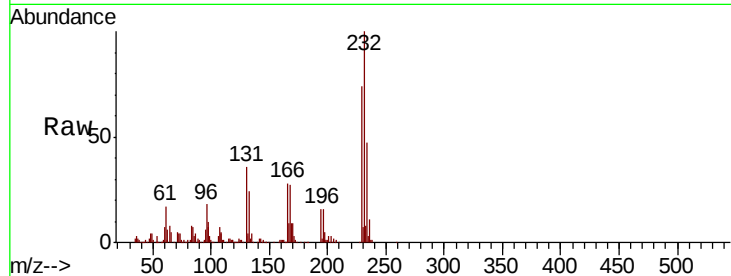
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.983 ng
RT: 15.36 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleID :
PB123110BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	246959		
131	37.7		31.1	46.7
130	2.4		1.8	2.6
166	27.9		21.7	32.5

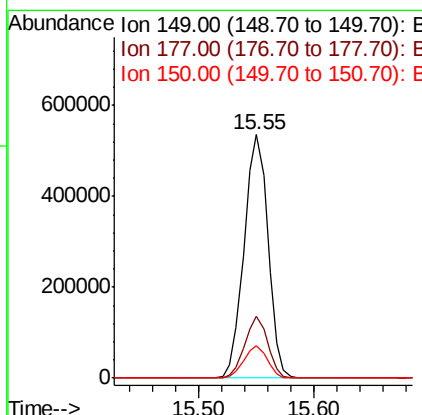
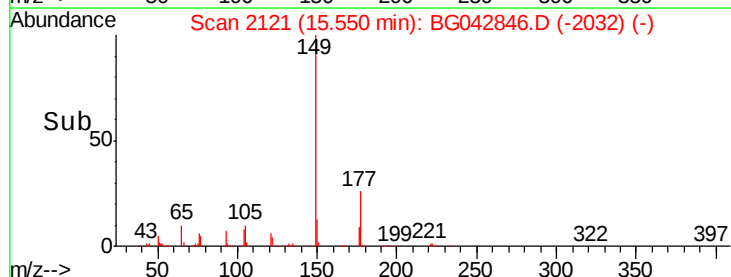
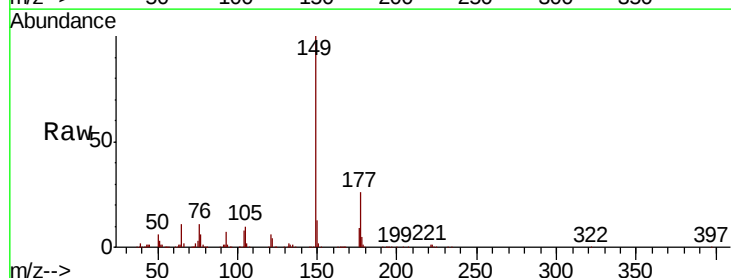
Manual Integrations
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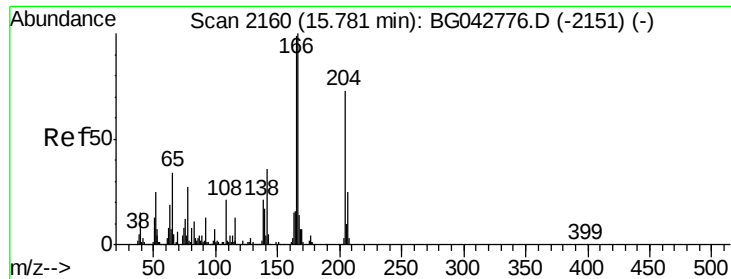
mohammad
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#60
Diethylphthalate
Concen: 43.838 ng
RT: 15.55 min Scan# 2121
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	769408		
177	25.6		19.4	29.0
150	13.1		10.2	15.4





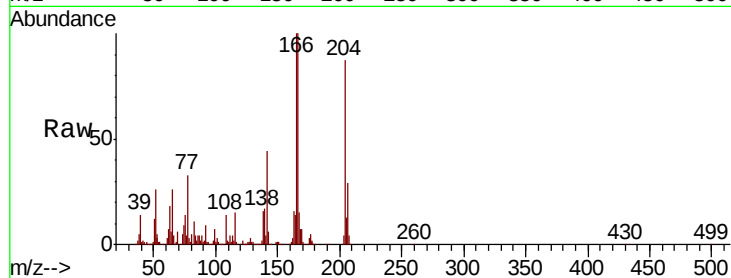
#61
4-Chlorophenyl-phenylether
Concen: 42.040 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :
PB123110BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	33.7	27.6	41.4	
141	51.1	39.8	59.6	

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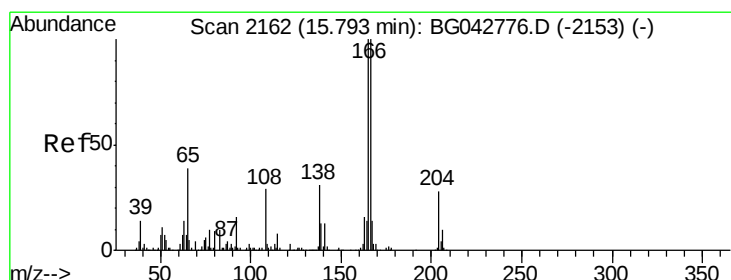
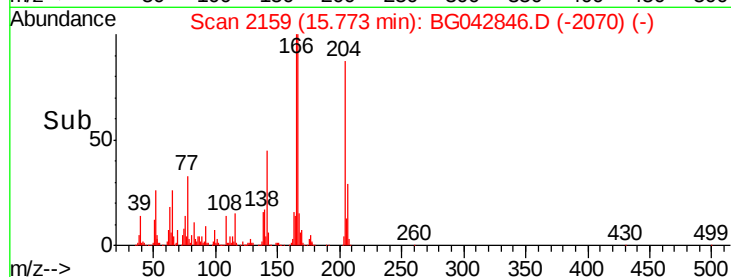
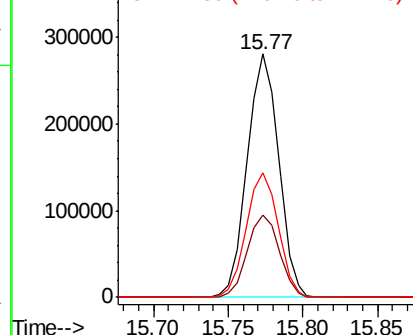


Abundance

Ion 204.00 (203.70 to 204.70): E

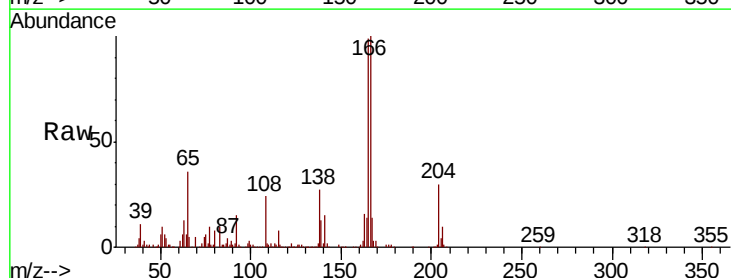
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 48.627 ng
RT: 15.78 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	54.3	31.4	71.4	
108	89.1	74.8	114.8	

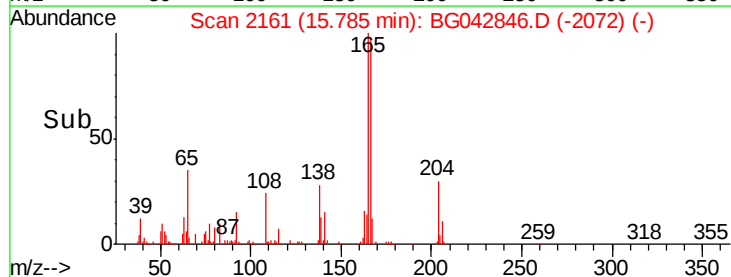
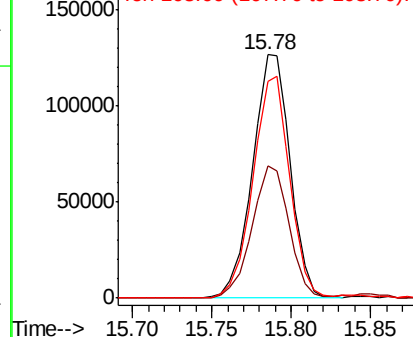


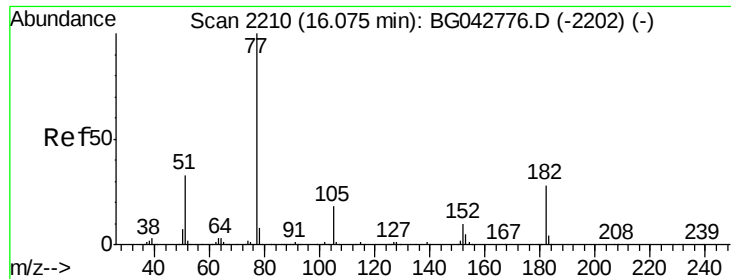
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





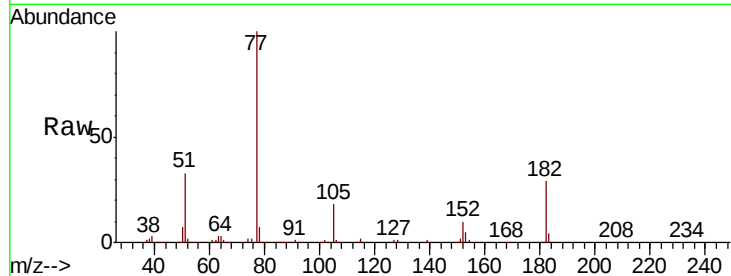
#63
Azobenzene
Concen: 43.735 ng
RT: 16.07 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :
PB123110BS

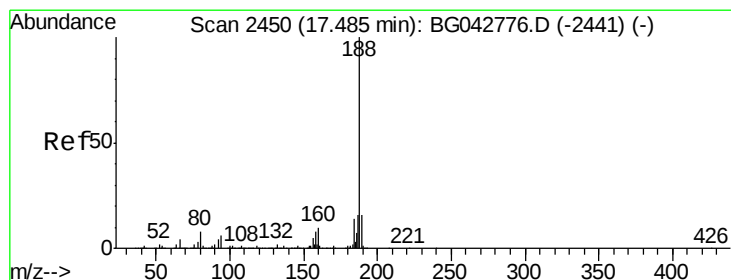
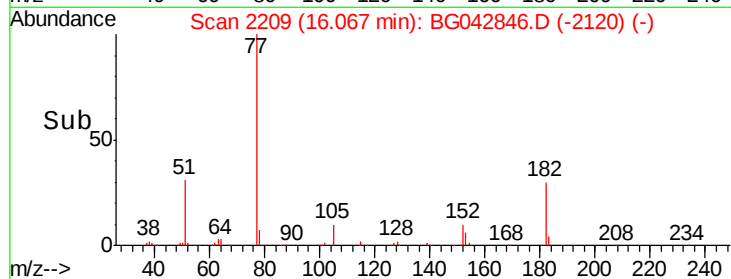
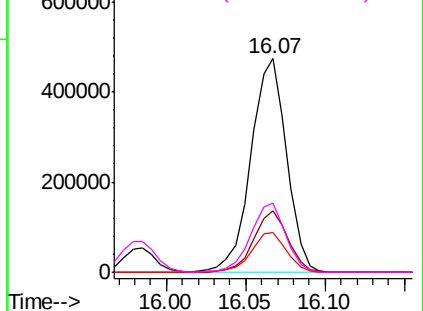
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	28.6	8.1	48.1		
105	18.5	0.0	38.1		
51	32.5	12.9	52.9		

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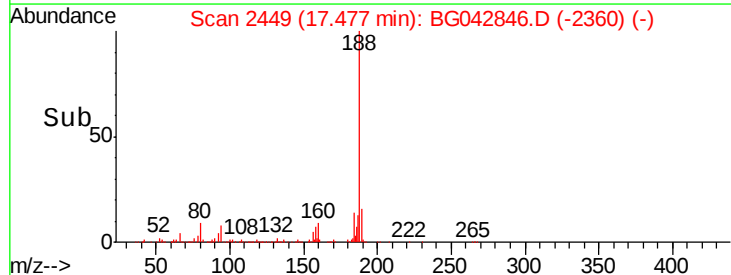
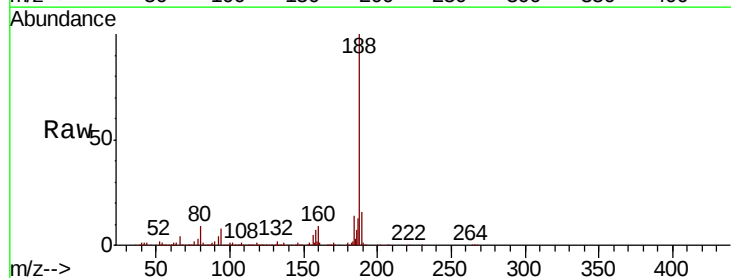
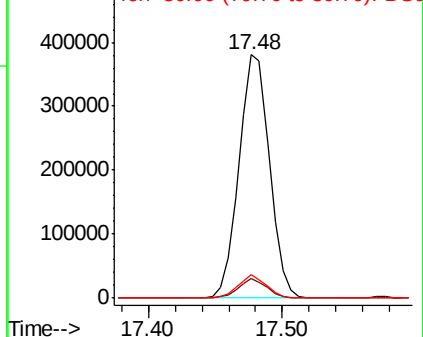
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

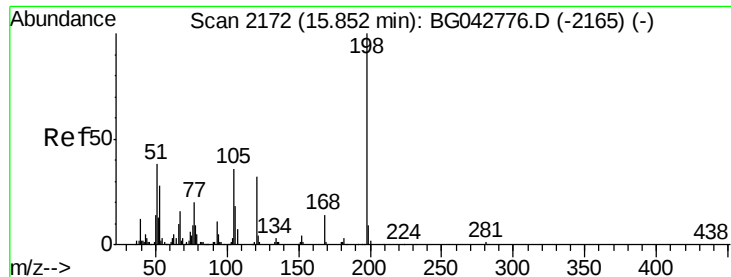


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2449
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.0	4.8	7.2#		
80	9.4	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: 55.408 ng

RT: 15.85 min Scan# 2172

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

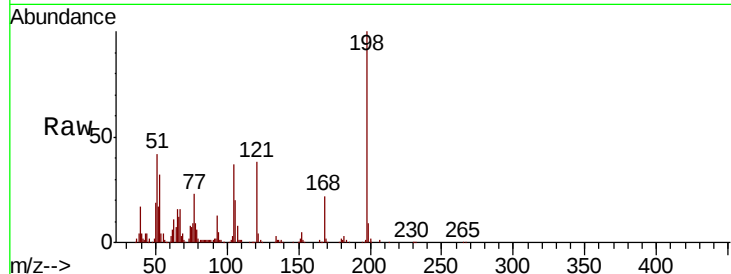
ClientSampleId :

PB123110BS

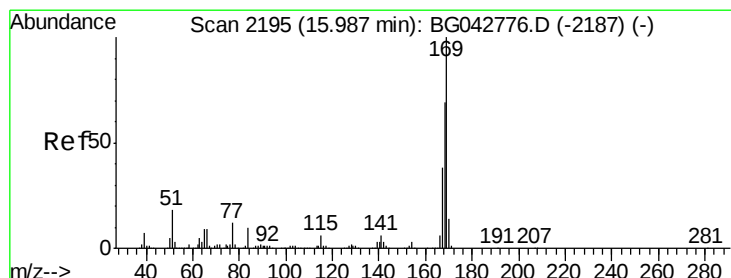
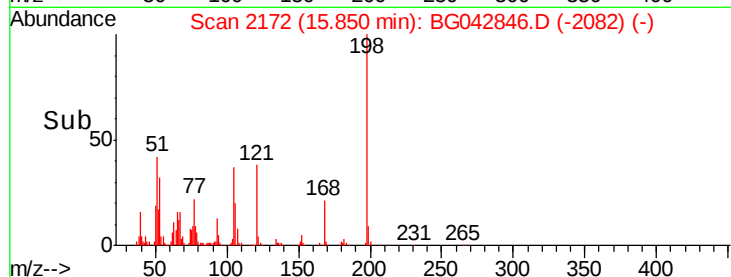
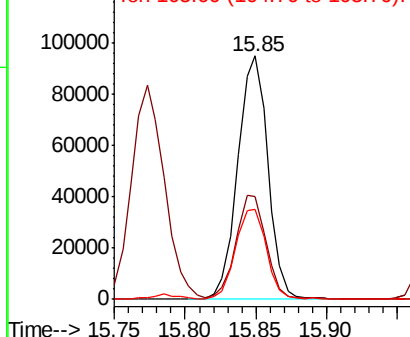
Tot Ion:	198	Resp:	141961
Ion Ratio	Lower	Upper	
198	100		
51	42.5	20.9	60.9
105	36.7	16.4	56.4

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Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.004 ng

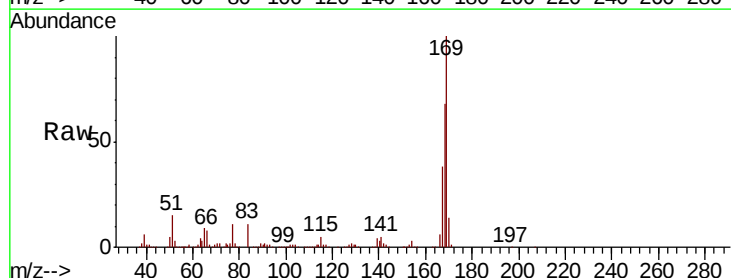
RT: 15.98 min Scan# 2195

Delta R.T. -0.00 min

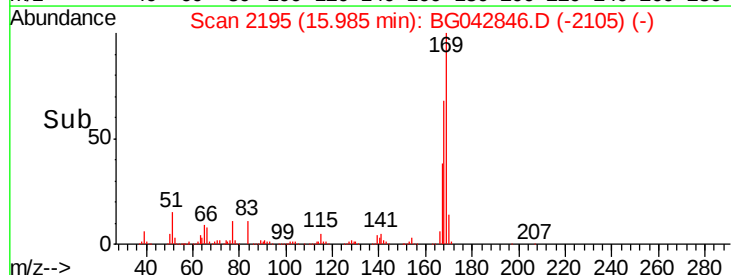
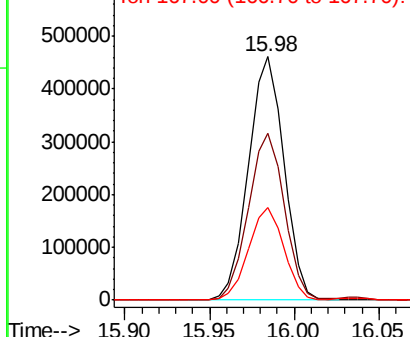
Lab File: BG042846.D

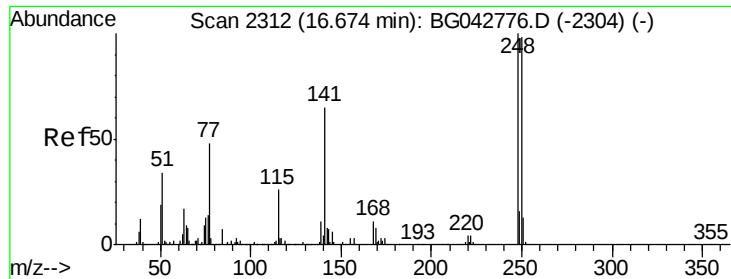
Acq: 16 Sep 2019 12:46

Tgt Ion:	169	Resp:	676804
Ion Ratio	Lower	Upper	
169	100		
168	68.3	55.4	83.2
167	38.1	30.4	45.6



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





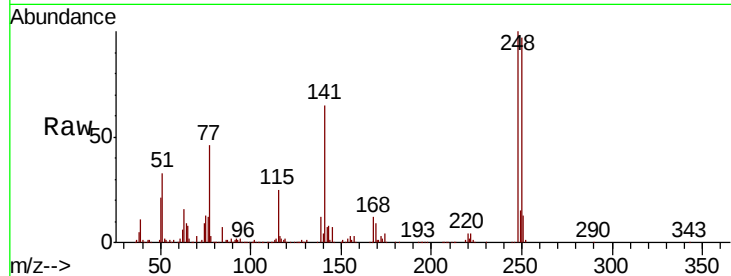
#67
4-Bromophenyl-phenylether
Concen: 39.347 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampled :
PB123110BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.6	78.0	117.0
141	64.9	51.8	77.6

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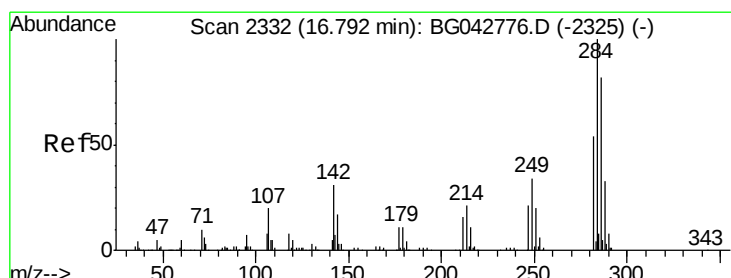
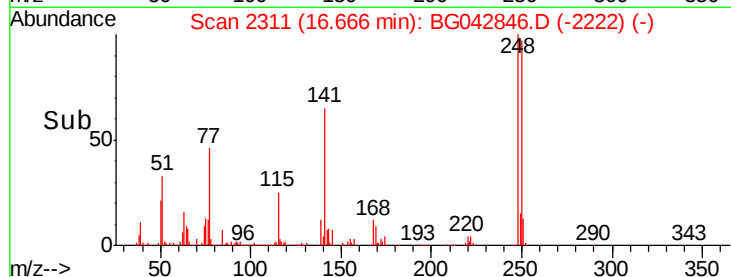
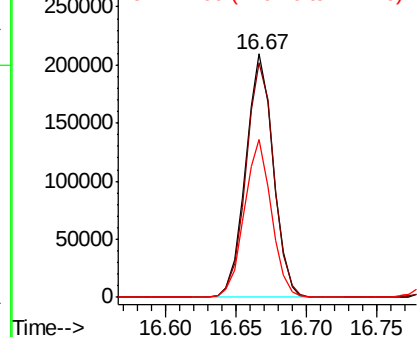


Abundance

Ion 248.00 (247.70 to 248.70): E

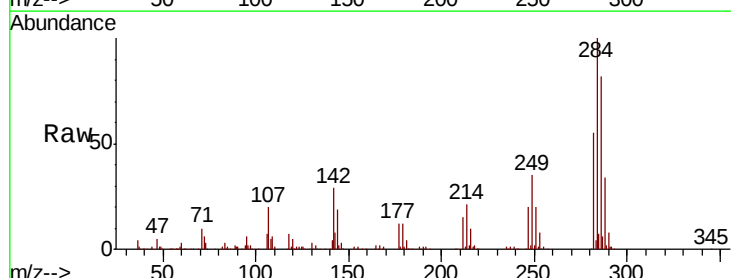
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 38.272 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.2	24.7	37.1
249	34.6	27.0	40.4

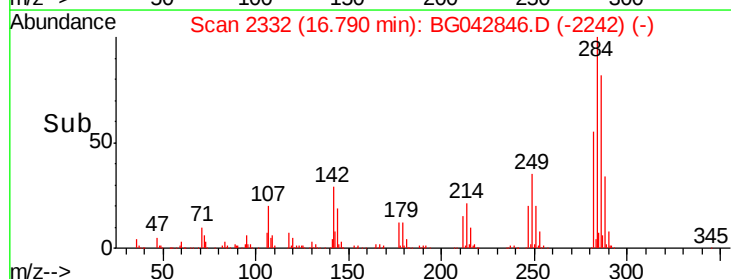
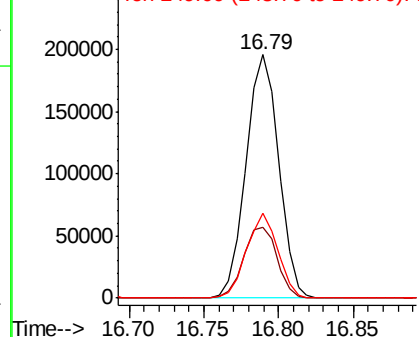


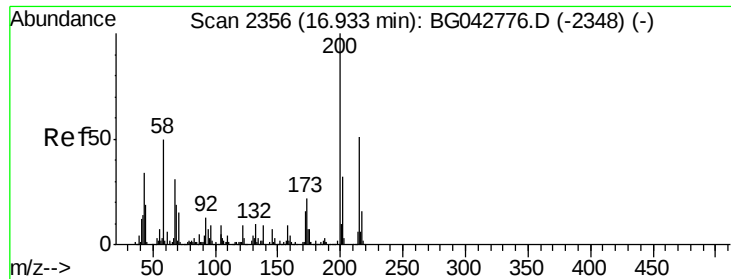
Abundance

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





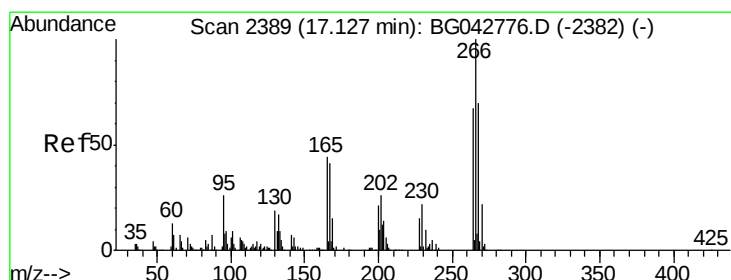
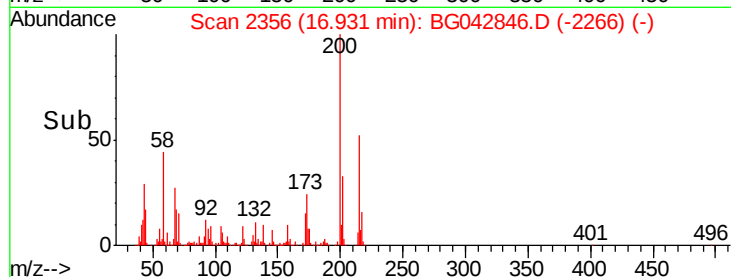
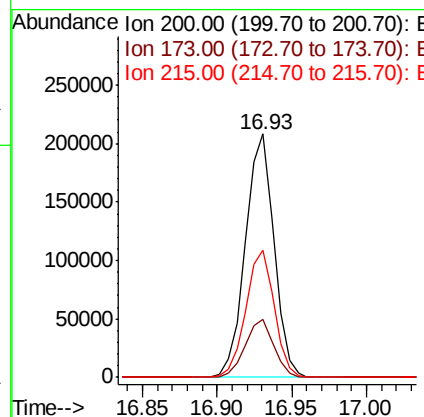
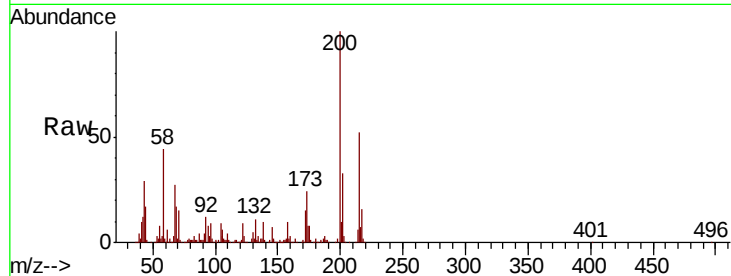
#69
Atrazine
Concen: 49.274 ng
RT: 16.93 min Scan# 2356
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :
PB123110BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	276478		
173	23.8		2.5	42.5
215	52.1		31.0	71.0

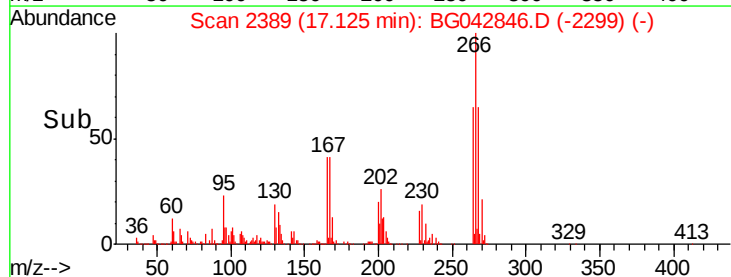
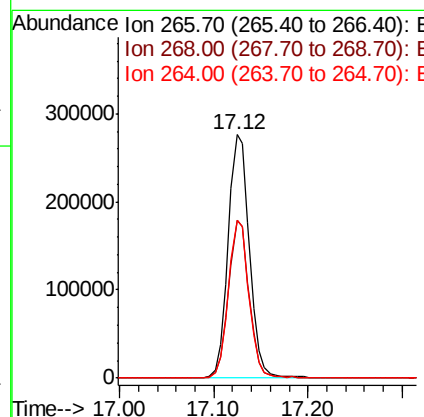
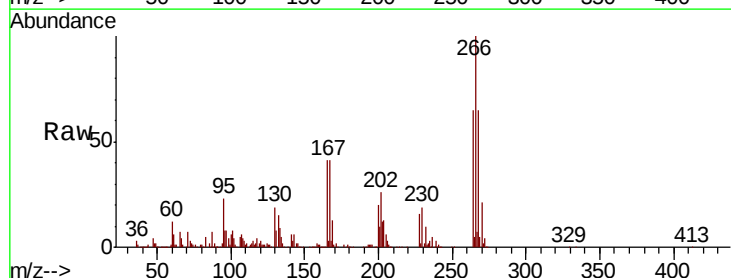
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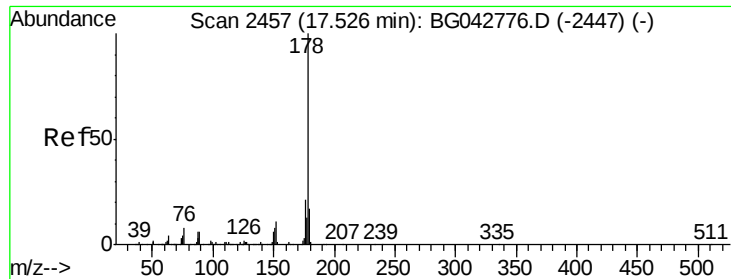
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#70
Pentachlorophenol
Concen: 94.742 ng
RT: 17.12 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	435253		
268	64.7		56.2	84.4
264	64.9		53.4	80.2





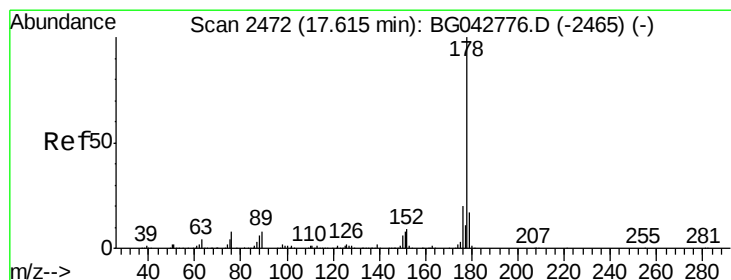
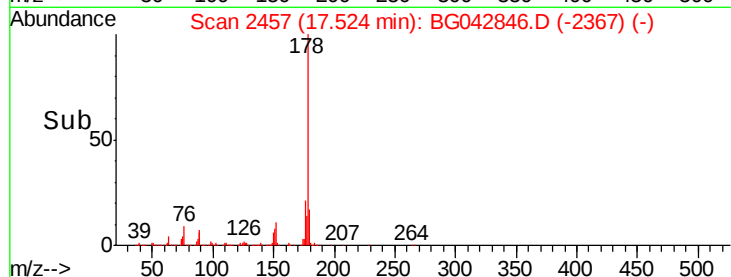
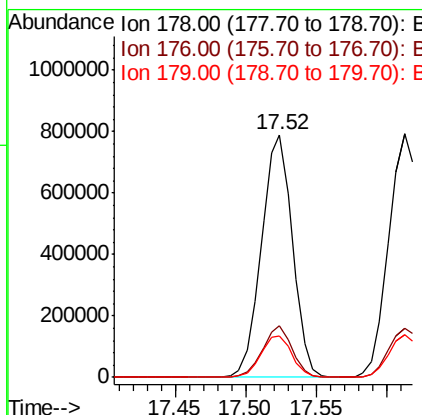
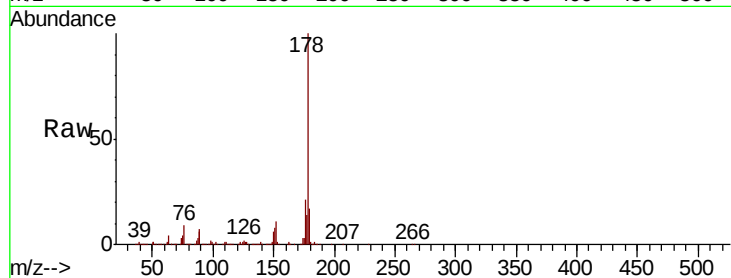
#71
Phenanthrene
Concen: 42.525 ng
RT: 17.52 min Scan# 2457
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampled :
PB123110BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.0	17.0	25.4
179	17.3	13.6	20.4

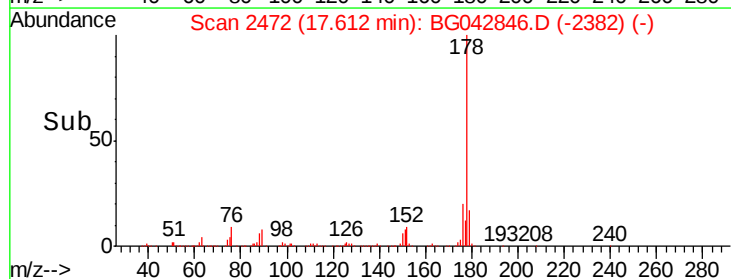
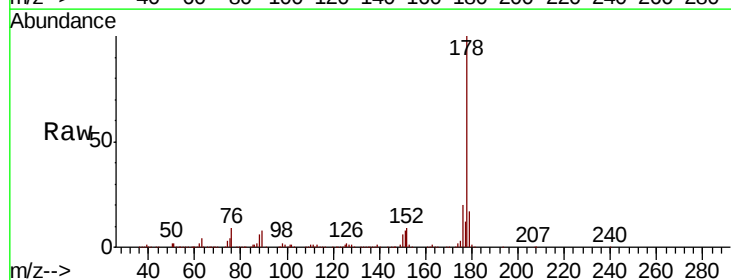
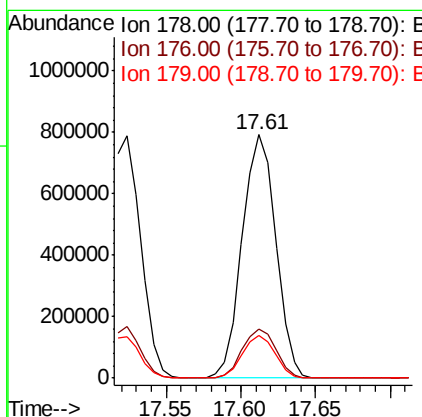
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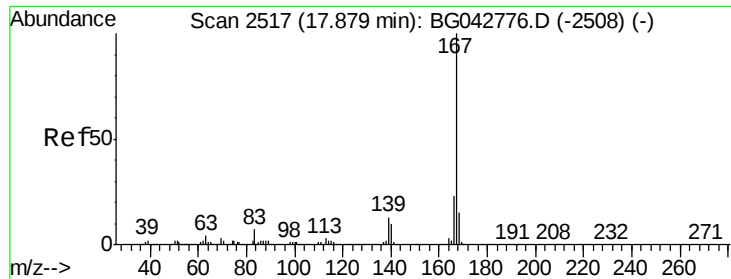
mohammad
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#72
Anthracene
Concen: 43.109 ng
RT: 17.61 min Scan# 2472
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.3	16.2	24.4
179	17.4	13.6	20.4





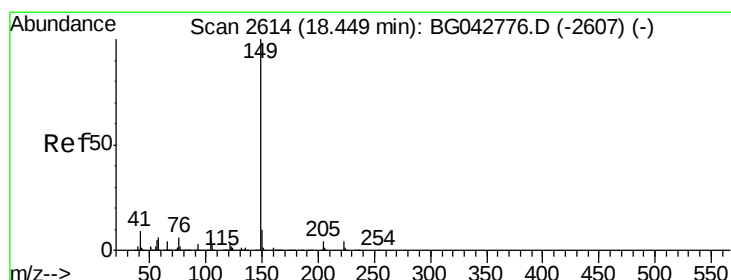
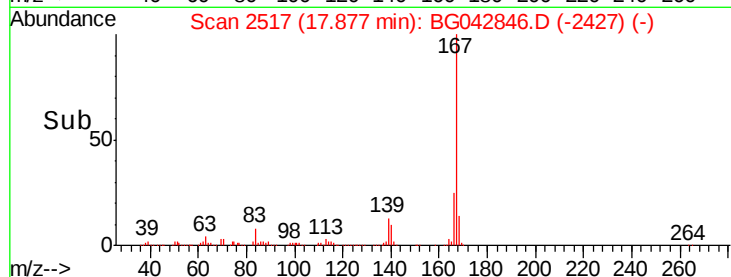
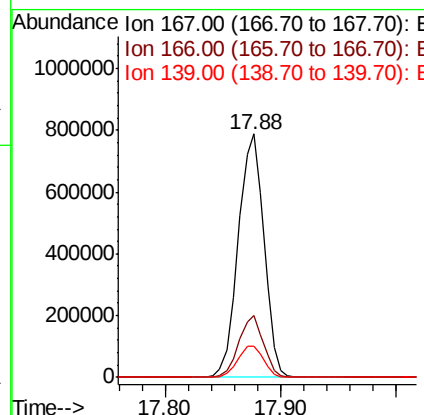
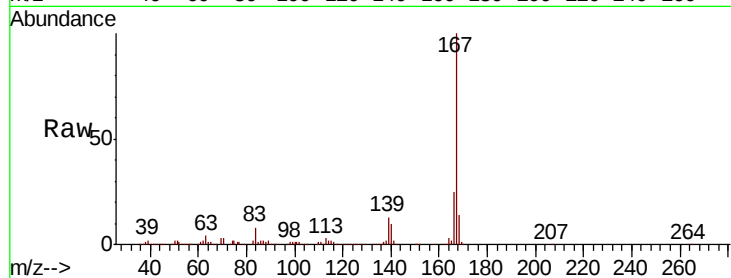
#73
 Carbazole
 Concen: 44.707 ng
 RT: 17.88 min Scan# 2517
 Delta R.T. -0.00 min
 Lab File: BG042846.D
 Acq: 16 Sep 2019 12:46

Instrument :
 BNA_G
 ClientSampleId :
 PB123110BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.2	18.3	27.5
139	13.0	10.2	15.4

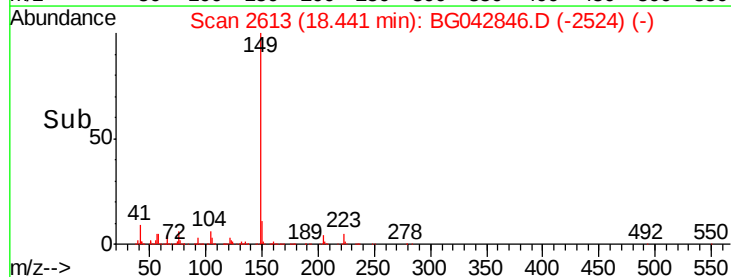
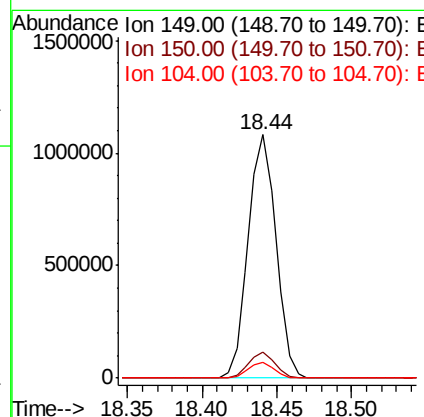
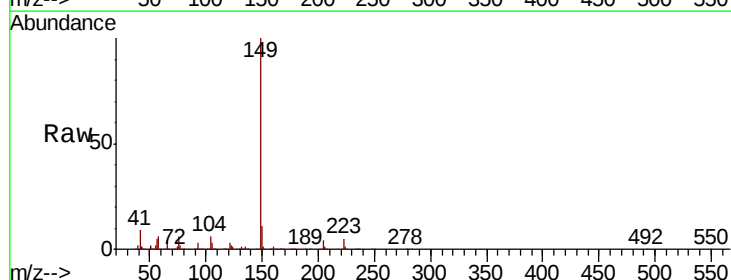
Manual Integrations
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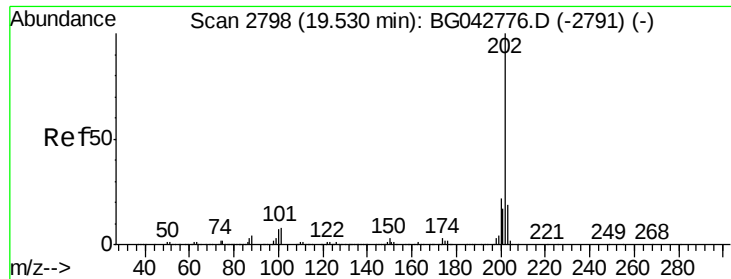
mohammad
 9/17/2019 1:26:40 PM



#74
 Di-n-butylphthalate
 Concen: 42.824 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BG042846.D
 Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.6	8.0	12.0
104	6.4	5.1	7.7





#75

Fluoranthene

Concen: 44.215 ng

RT: 19.53 min Scan# 2798

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

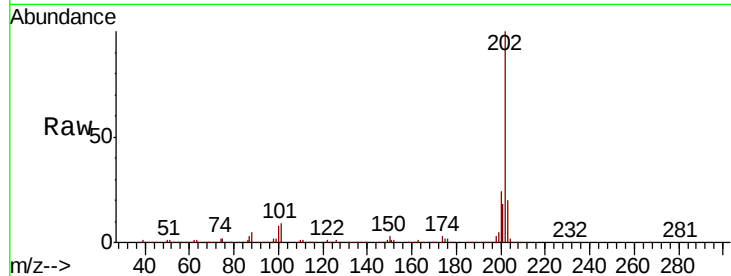
ClientSampled :

PB123110BS

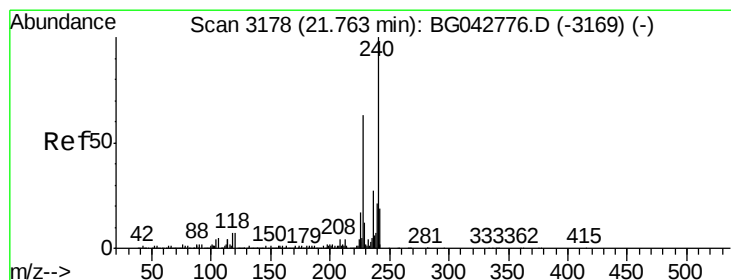
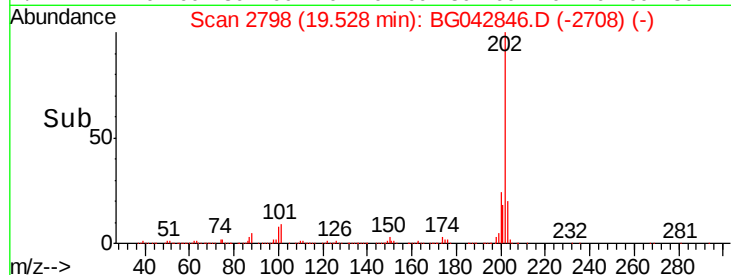
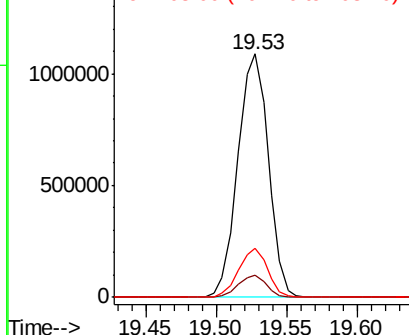
Tot Ion:	202	Resp:	1640956
Ion Ratio	Lower	Upper	
202	100		
101	9.0	0.0	27.8
203	20.0	0.0	39.1

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3178

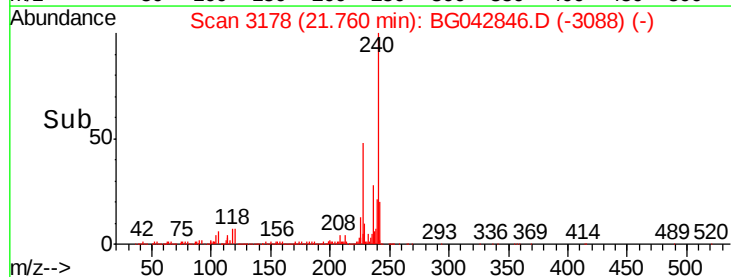
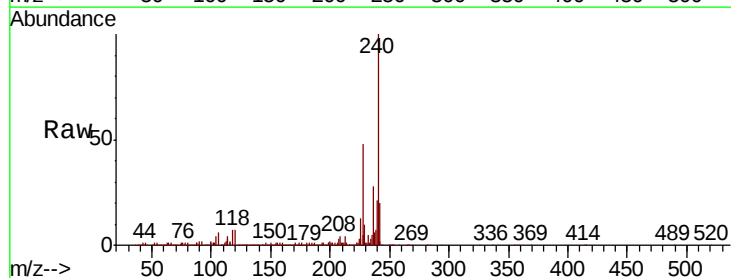
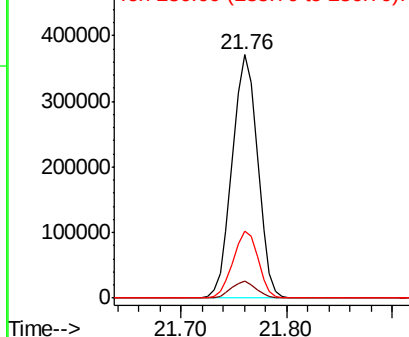
Delta R.T. -0.00 min

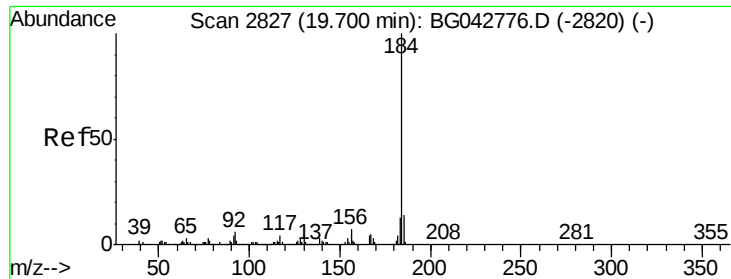
Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Tgt Ion:	240	Resp:	617622
Ion Ratio	Lower	Upper	
240	100		
120	6.9	5.4	8.2
236	27.7	21.7	32.5

Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 38.166 ng

RT: 19.70 min Scan# 2827

Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

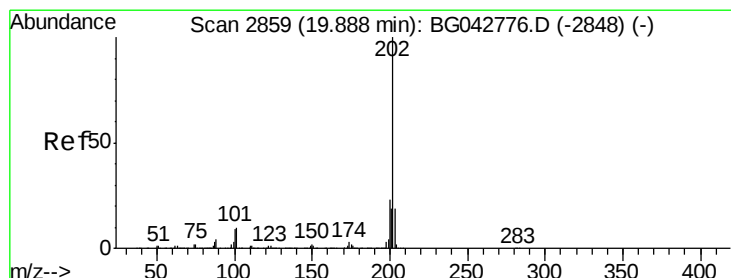
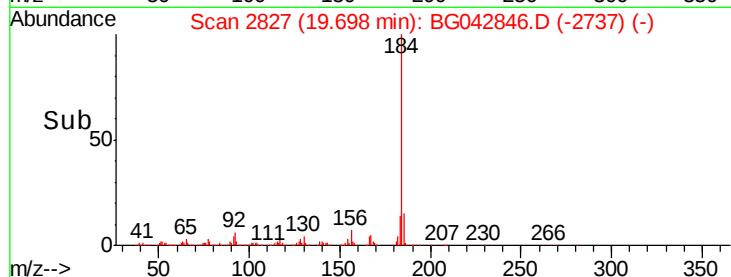
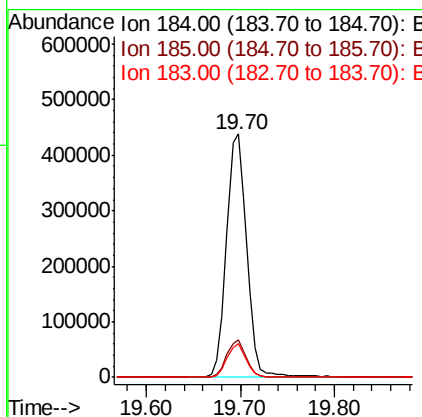
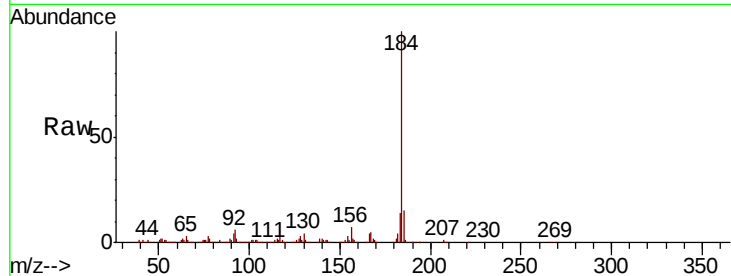
ClientSampleId :

PB123110BS

Tot Ion:	184	Resp:	658577
Ion Ratio	Lower	Upper	
184	100		
185	15.3	11.6	17.4
183	13.8	10.4	15.6

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#78

Pyrene

Concen: 42.624 ng

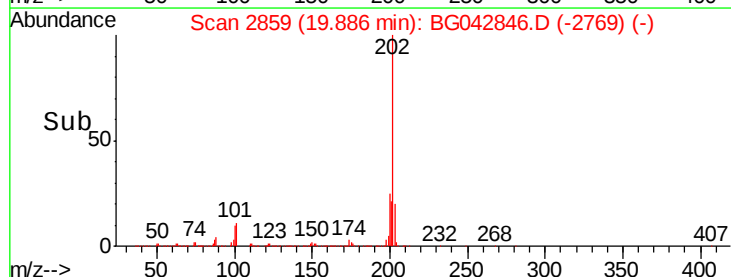
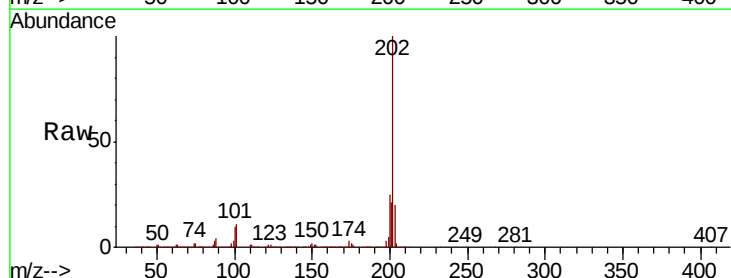
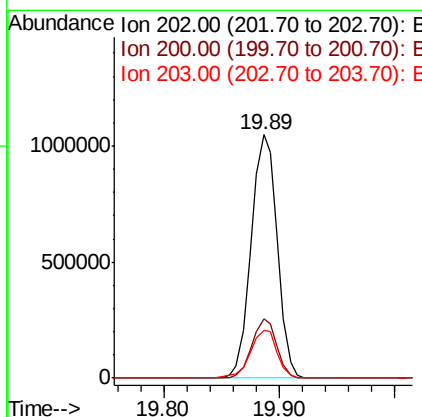
RT: 19.89 min Scan# 2859

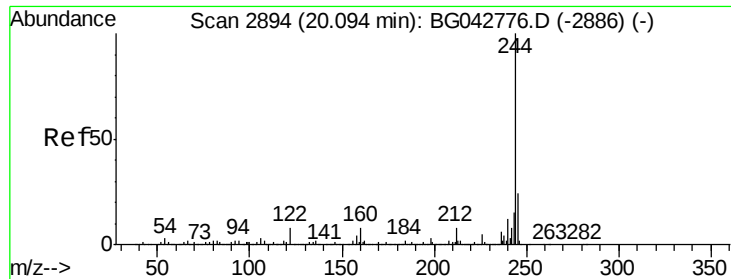
Delta R.T. -0.00 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Tgt Ion:	202	Resp:	1648139
Ion Ratio	Lower	Upper	
202	100		
200	24.5	18.5	27.7
203	19.8	15.3	22.9





#79

Terphenyl-d14

Concen: 72.709 ng

RT: 20.09 min Scan# 2893

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

PB123110BS

Tot Ion:244 Resp: 2026205

Ion Ratio Lower Upper

244 100

212 9.0 6.6 10.0

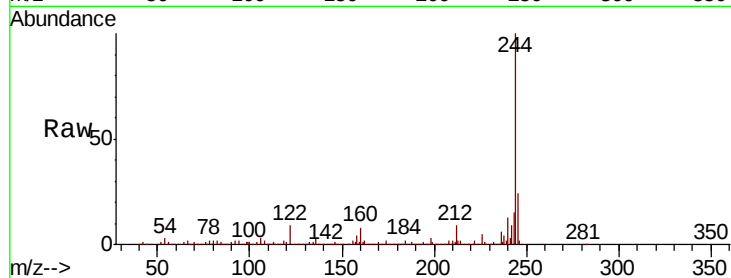
122 8.9 6.2 9.4

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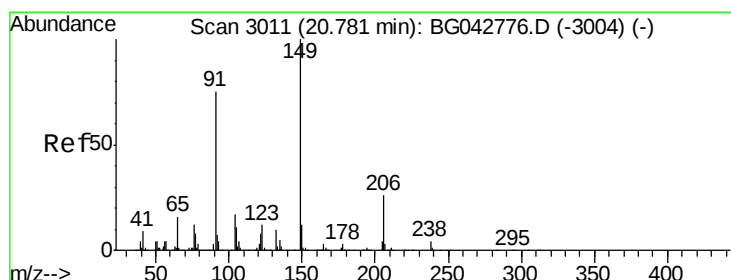
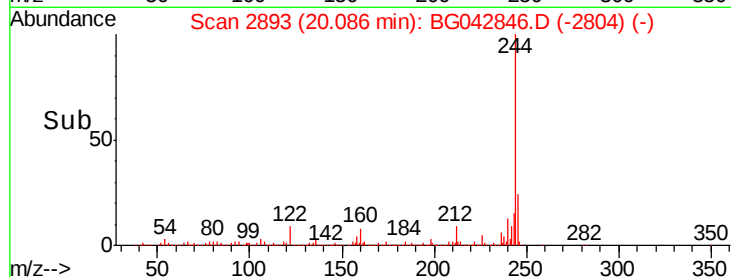
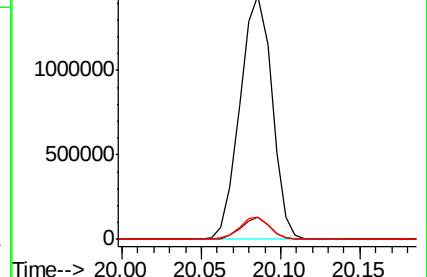
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 42.012 ng

RT: 20.77 min Scan# 3010

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

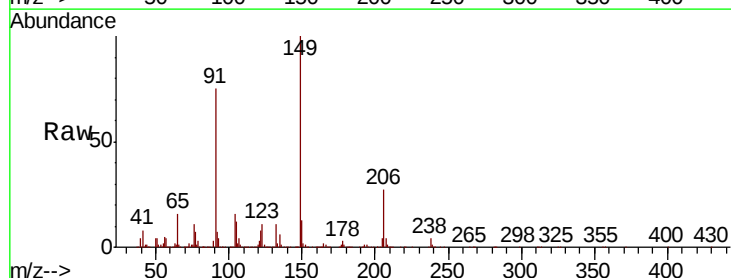
Tgt Ion:149 Resp: 657450

Ion Ratio Lower Upper

149 100

91 75.2 60.2 90.2

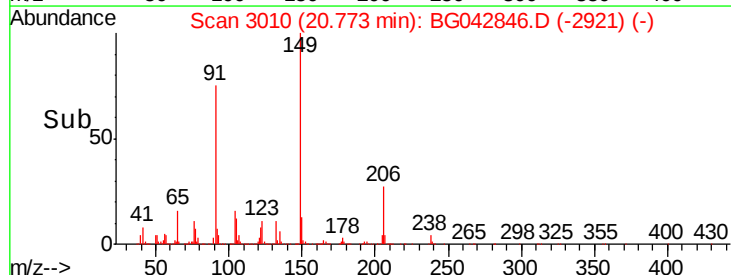
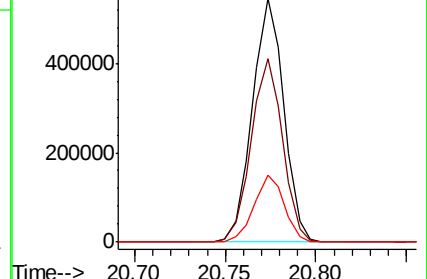
206 27.3 20.6 30.8

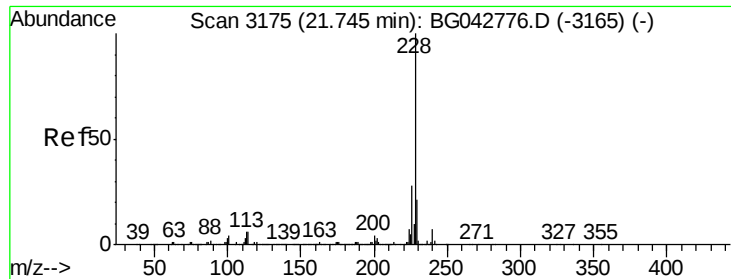


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





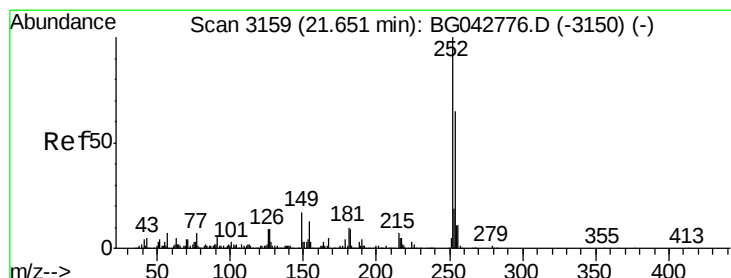
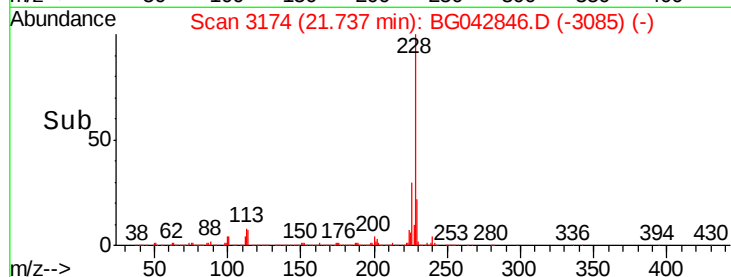
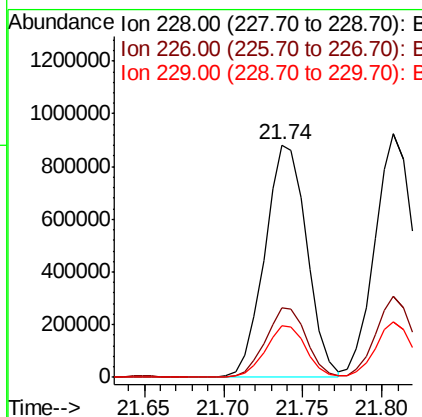
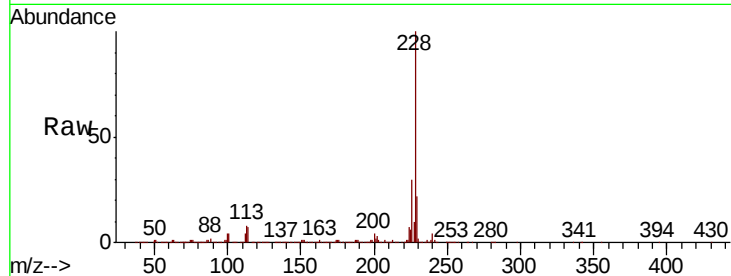
#81
Benzo(a)anthracene
Concen: 41.230 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :
PB123110BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.5	33.7
229	22.0	17.2	25.8

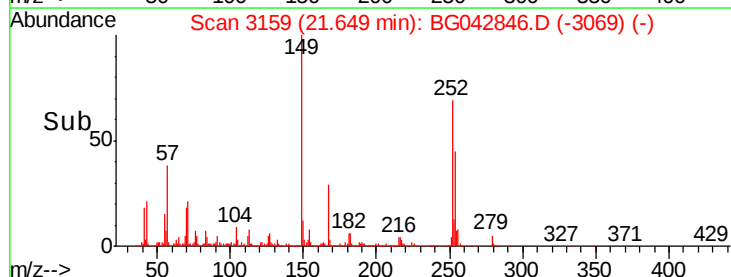
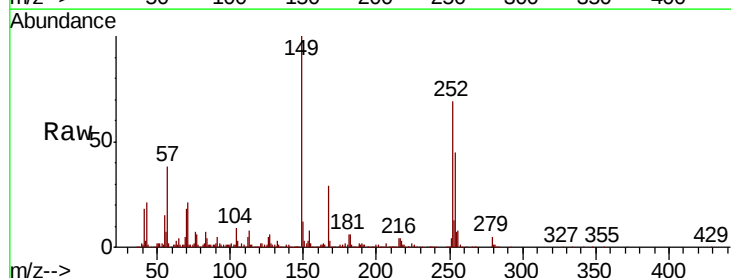
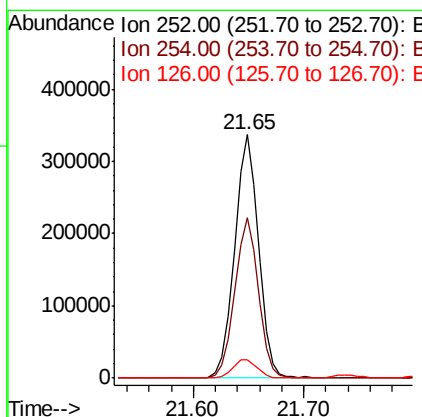
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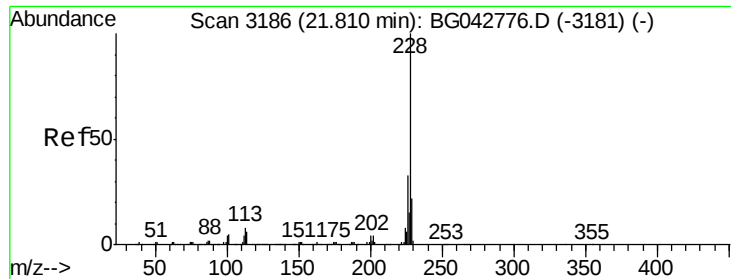
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 33.581 ng
RT: 21.65 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.7	52.2	78.2
126	7.8	7.0	10.4





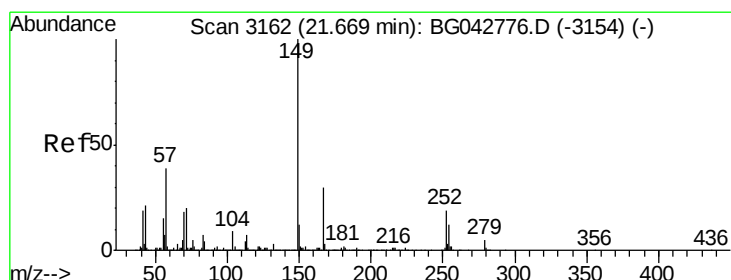
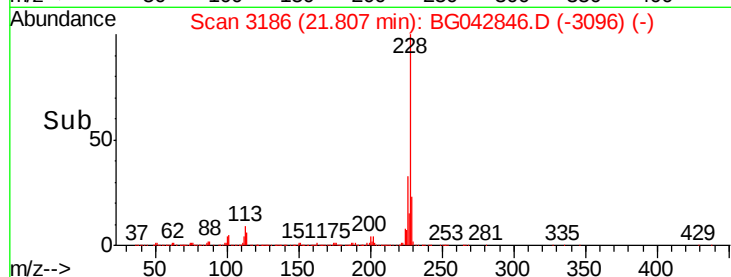
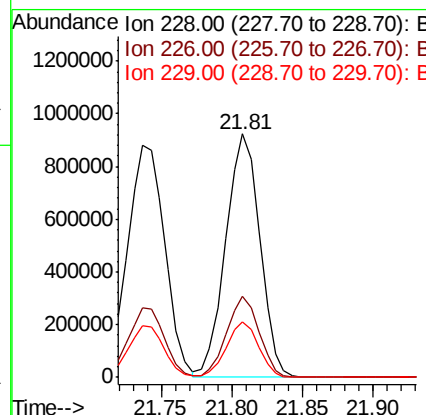
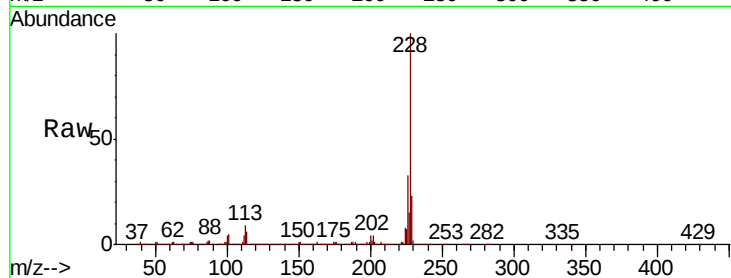
#83
Chrysene
Concen: 41.750 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.00 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :
PB123110BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.4	26.0	39.0
229	22.5	17.1	25.7

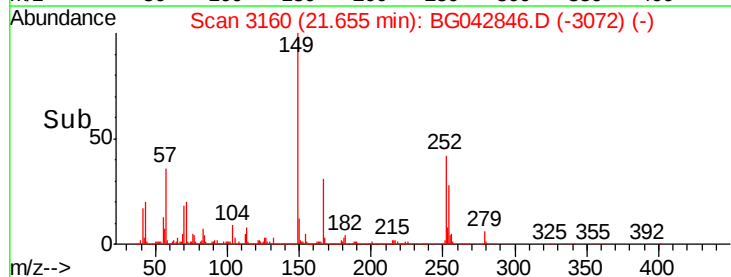
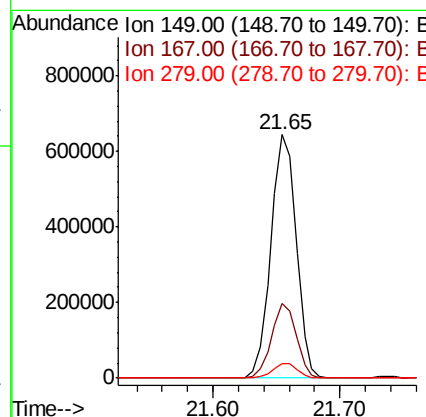
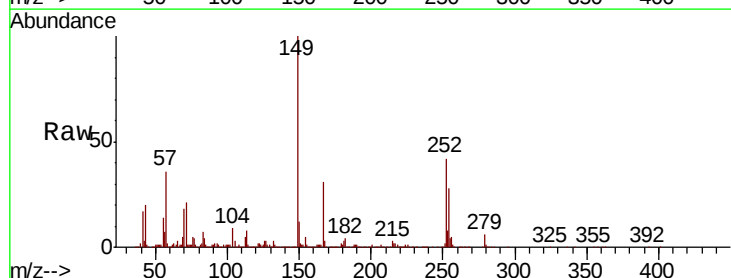
Manual Integrations
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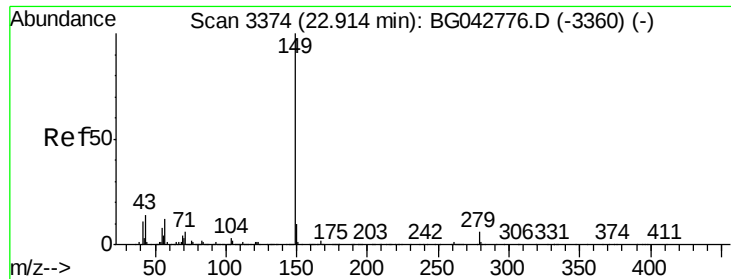
mohammad
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.936 ng
RT: 21.65 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.6	24.3	36.5
279	6.0	4.2	6.4





#85

Di-n-octyl phthalate

Concen: 41.942 ng

RT: 22.89 min Scan# 3371

Delta R.T. -0.02 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

ClientSampled :

PB123110BS

Tot Ion:149 Resp: 1528839

Ion Ratio Lower Upper

149 100

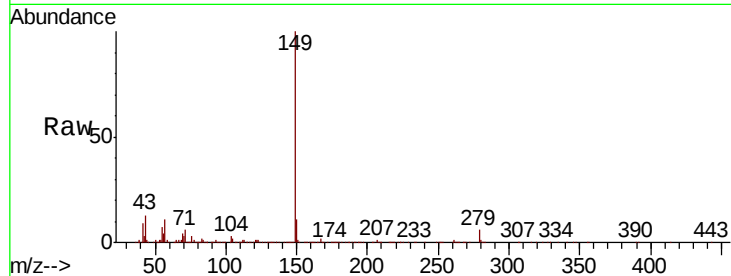
167 1.7 1.4 2.0

43 12.7 10.6 15.8

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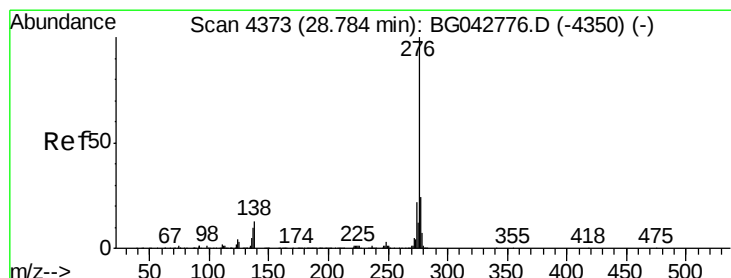
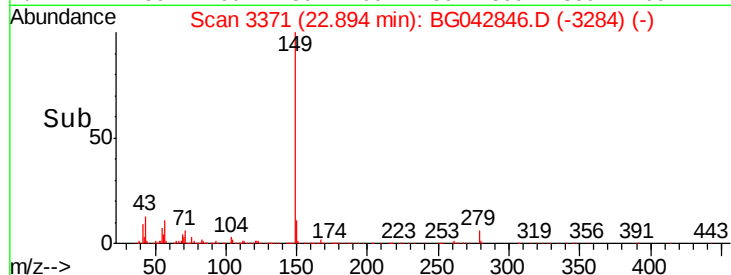
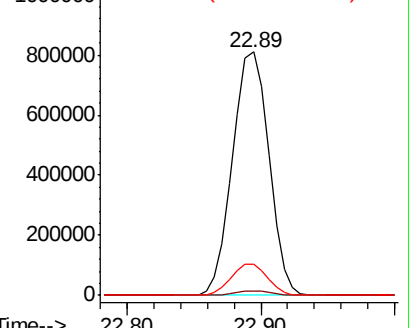
9/17/2019 1:26:40 PM



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: 41.100 ng

RT: 28.77 min Scan# 4371

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

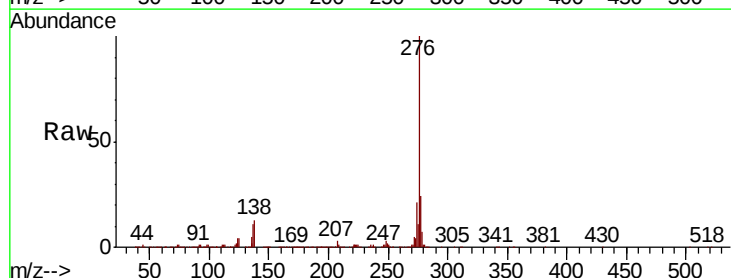
Tgt Ion:276 Resp: 1893202

Ion Ratio Lower Upper

276 100

138 12.7 9.3 13.9

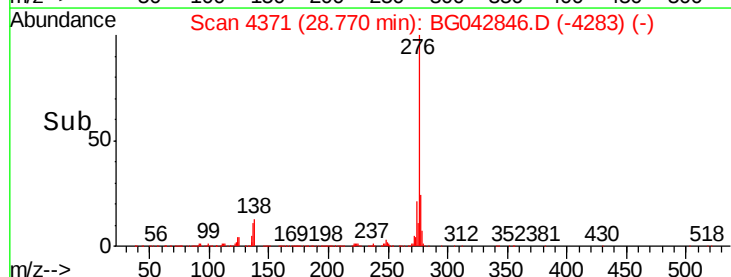
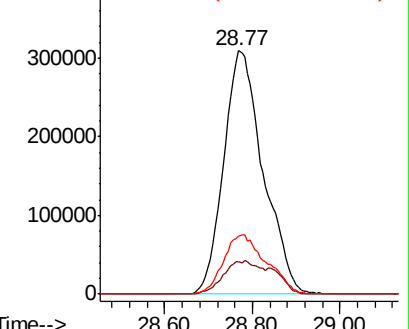
277 26.4 17.2 25.8#

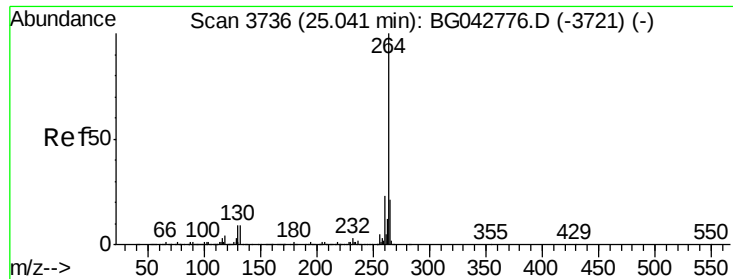


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3734

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

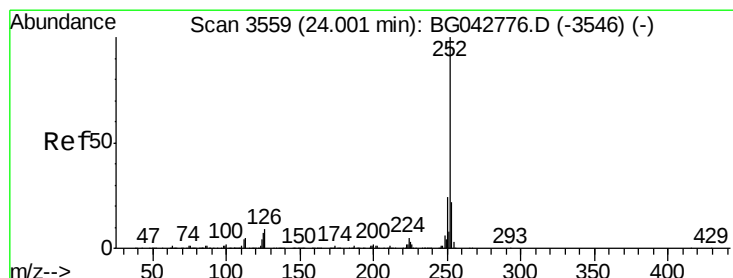
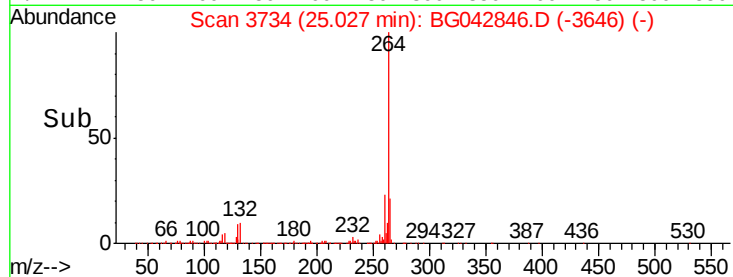
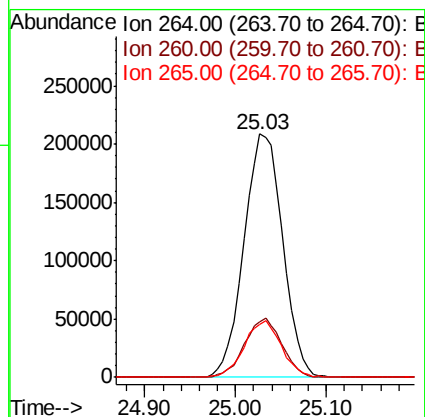
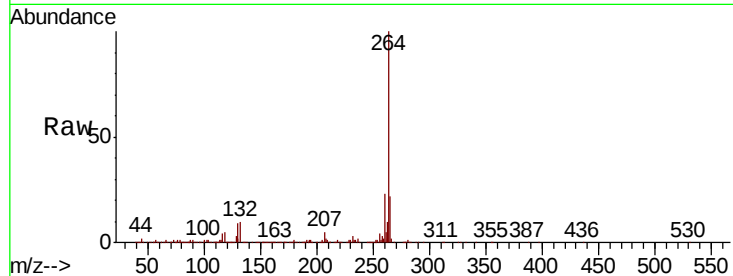
ClientSampleId :

PB123110BS

Tot Ion:	264	Resp:	619684
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.2	27.2
265	21.5	16.9	25.3

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#88

Benzo(b)fluoranthene

Concen: 45.443 ng

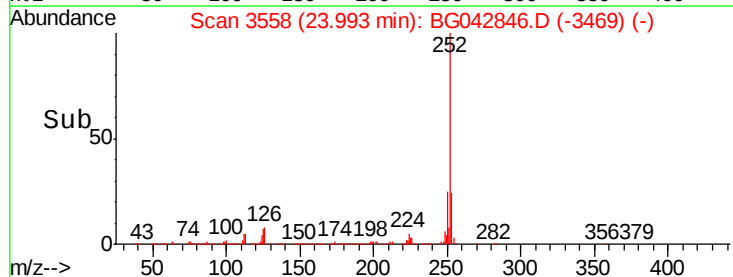
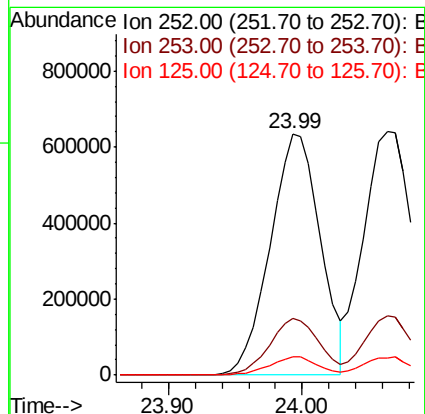
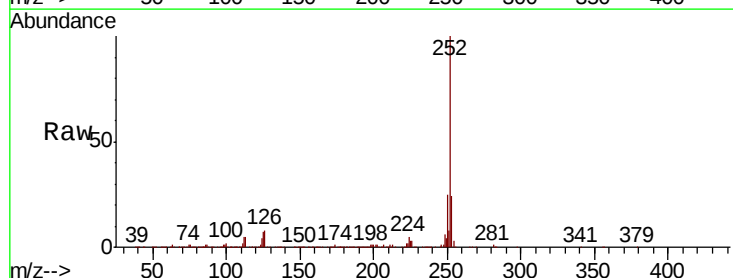
RT: 23.99 min Scan# 3558

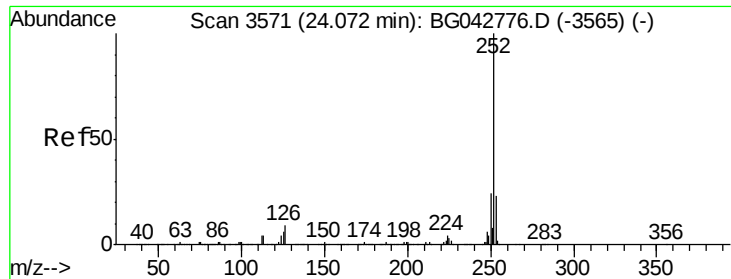
Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Tgt Ion:	252	Resp:	1653518
Ion Ratio	Lower	Upper	
252	100		
253	23.7	17.9	26.9
125	7.5	5.6	8.4





#89

Benzo(k)fluoranthene

Concen: 47.159 ng

RT: 24.06 min Scan# 3570

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

Instrument :

BNA_G

ClientSampleId :

PB123110BS

Tot Ion:252 Resp: 1620928

Ion Ratio Lower Upper

252 100

253 24.1 18.2 27.4

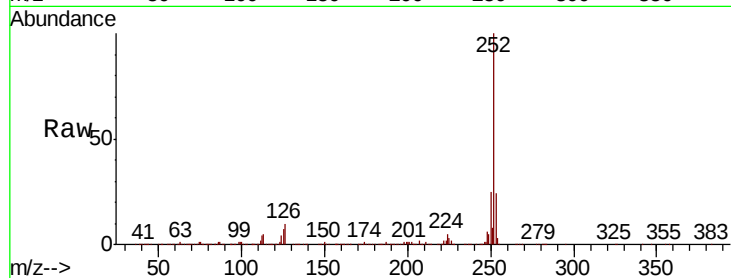
125 7.3 5.3 7.9

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Abundance Ion 252.00 (251.70 to 252.70): E

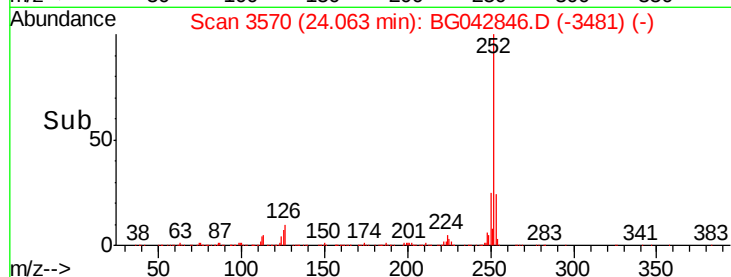
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

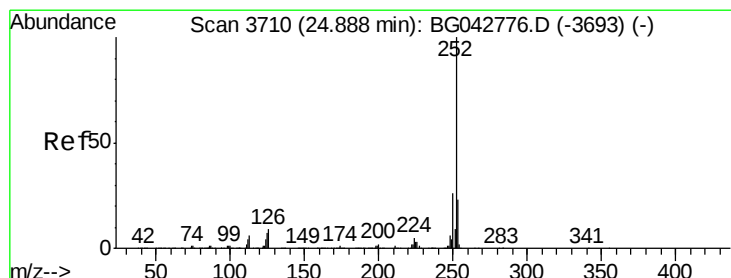
24.06

24.10

24.20



Time-->



#90

Benzo(a)pyrene

Concen: 47.564 ng

RT: 24.88 min Scan# 3709

Delta R.T. -0.01 min

Lab File: BG042846.D

Acq: 16 Sep 2019 12:46

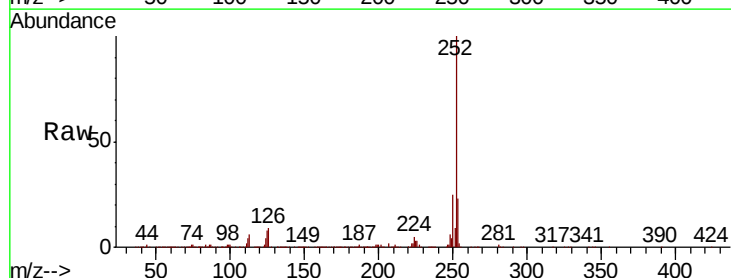
Tgt Ion:252 Resp: 1620566

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

125 7.7 5.7 8.5



Abundance Ion 252.00 (251.70 to 252.70): E

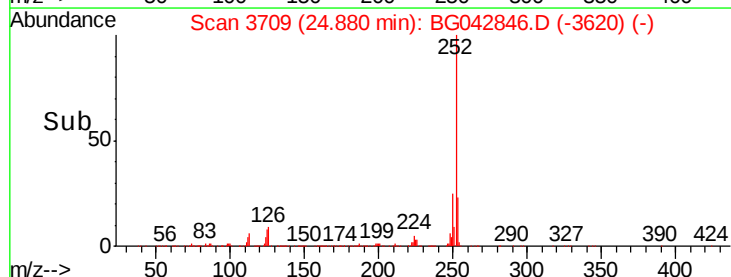
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

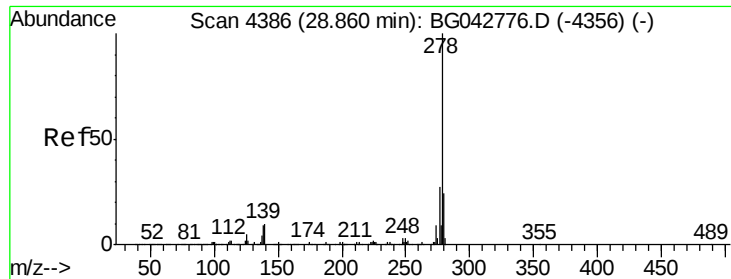
24.88

24.90

25.00



Time-->



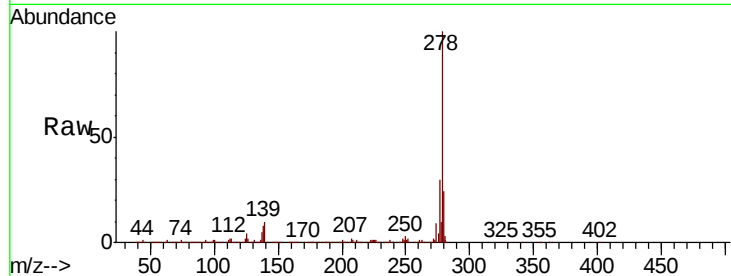
#91
Dibenzo(a,h)anthracene
Concen: 47.276 ng
RT: 28.85 min Scan# 4384
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Instrument :
BNA_G
ClientSampleId :
PB123110BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.9	8.2	12.2
279	23.9	19.4	29.2

Manual Integrations
APPROVED

mohammad
9/17/2019 1:26:40 PM

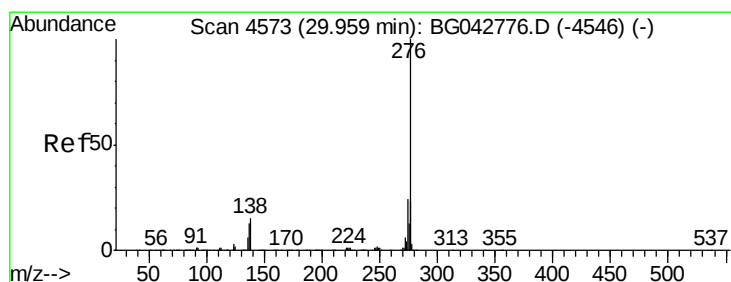
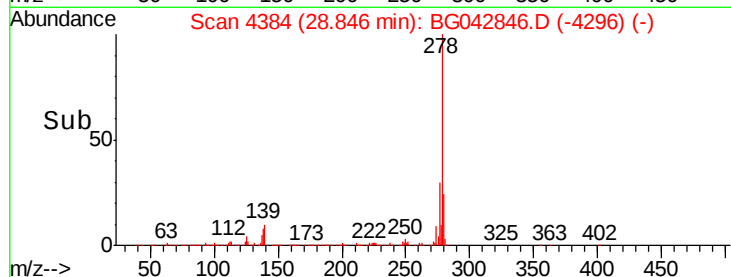
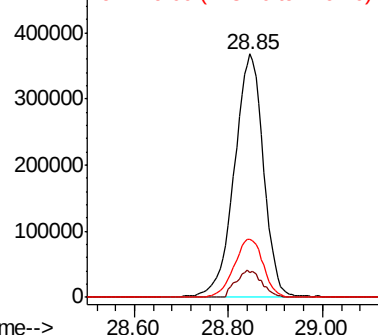


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.840 ng
RT: 29.94 min Scan# 4571
Delta R.T. -0.01 min
Lab File: BG042846.D
Acq: 16 Sep 2019 12:46

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.6	18.4	27.6
138	14.7	11.8	17.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

