

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091619\
 Data File : BG042844.D
 Acq On : 16 Sep 2019 11:30
 Operator : HP/JU
 Sample : PB123101BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB123101BS

Manual Integrations
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mohammad
 9/17/2019 1:26:34 PM

Quant Time: Sep 17 02:10:03 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	73159	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	314540	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	234295	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	603440	20.00	ng	0.00
76) Chrysene-d12	21.76	240	608923	20.00	ng	0.00
87) Perylene-d12	25.03	264	616970	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	536029	127.38	ng	0.00
7) Phenol-d6	7.27	99	768905	127.30	ng	0.00
23) Nitrobenzene-d5	9.28	82	438210	72.53	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	390322	125.22	ng	0.00
45) 2-Fluorobiphenyl	13.37	172	1023066	69.12	ng	0.00
79) Terphenyl-d14	20.08	244	2023942	73.66	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	3.58	88	70799	36.865 ng	97
3) Pyridine	3.98	79	181032	31.308 ng	95
4) n-Nitrosodimethylamine	3.89	42	109670	38.978 ng	83
6) Aniline	7.44	93	284543	34.917 ng	97
8) 2-Chlorophenol	7.68	128	220469	48.469 ng	97
9) Benzaldehyde	7.25	77	139207	35.417 ng	96
10) Phenol	7.30	94	305615	49.339 ng	96
11) bis(2-Chloroethyl)ether	7.53	93	204948	43.112 ng	97
12) 1,3-Dichlorobenzene	8.01	146	226178	40.768 ng	97
13) 1,4-Dichlorobenzene	8.15	146	225105	40.527 ng	98
14) 1,2-Dichlorobenzene	8.48	146	215756	40.806 ng	98
15) Benzyl Alcohol	8.35	79	237249	45.771 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	392054	37.555 ng	97
17) 2-Methylphenol	8.55	107	201200	48.552 ng	97
18) Hexachloroethane	9.21	117	81142	39.569 ng	94
19) n-Nitroso-di-n-propylamine	8.92	70	188781	42.417 ng	95
20) 3+4-Methylphenols	8.88	107	281982	49.363 ng	97
22) Acetophenone	8.94	105	329952	41.536 ng	# 96
24) Nitrobenzene	9.32	77	273439	43.119 ng	95
25) Isophorone	9.85	82	528780	41.989 ng	98
26) 2-Nitrophenol	10.03	139	119834	48.055 ng	94
27) 2,4-Dimethylphenol	10.09	122	227122	51.489 ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	296163	42.171 ng	99
29) 2,4-Dichlorophenol	10.57	162	242847	47.376 ng	100
30) 1,2,4-Trichlorobenzene	10.79	180	246082	39.321 ng	99
31) Naphthalene	10.98	128	658125	42.378 ng	99
32) Benzoic acid	10.20	122	146572	41.942 ng	97
33) 4-Chloroaniline	11.07	127	209391	28.847 ng	98
34) Hexachlorobutadiene	11.27	225	164935	37.615 ng	95
35) Caprolactam	11.84	113	98260m	51.548 ng	
36) 4-Chloro-3-methylphenol	12.18	107	273208	49.088 ng	93
37) 2-Methylnaphthalene	12.57	142	503187	43.254 ng	98
38) 1-Methylnaphthalene	12.79	142	473531	43.400 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	306529	39.592 ng	99

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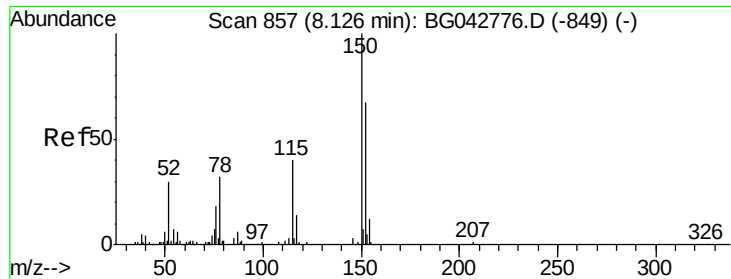
Manual Integrations
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 9/17/2019 1:26:34 PM

Quant Time: Sep 17 02:10:03 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	368308	83.041	nq	99
43) 2,4,6-Trichlorophenol	13.17	196	226673	43.977	nq	97
44) 2,4,5-Trichlorophenol	13.24	196	244657	46.340	nq	95
46) 1,1'-Biphenyl	13.57	154	691487	42.159	nq	98
47) 2-Chloronaphthalene	13.62	162	539867	39.789	nq	98
48) 2-Nitroaniline	13.81	65	211051	44.840	nq	97
49) Acenaphthylene	14.46	152	889114	42.881	nq	99
50) Dimethylphthalate	14.19	163	745035	42.448	nq	100
51) 2,6-Dinitrotoluene	14.30	165	170678	47.392	nq	91
52) Acenaphthene	14.80	154	636996	47.025	nq	97
53) 3-Nitroaniline	14.62	138	135565	33.539	nq	# 98
54) 2,4-Dinitrophenol	14.83	184	190399	107.392	nq	# 72
55) Dibenzofuran	15.13	168	868231	43.122	nq	98
56) 4-Nitrophenol	14.93	139	323335	103.461	nq	94
57) 2,4-Dinitrotoluene	15.09	165	246584	51.367	nq	# 93
58) Fluorene	15.78	166	731459	43.835	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	246850m	48.232	nq	
60) Diethylphthalate	15.55	149	780492	43.808	nq	98
61) 4-Chlorophenyl-phenylether	15.77	204	418883	42.456	nq	97
62) 4-Nitroaniline	15.79	138	209263	48.031	nq	95
63) Azobenzene	16.07	77	748505	43.628	nq	97
65) 4,6-Dinitro-2-methylphenol	15.85	198	141630	54.852	nq	93
66) n-Nitrosodiphenylamine	15.99	169	674448	41.535	nq	99
67) 4-Bromophenyl-phenylether	16.67	248	287704	39.391	nq	98
68) Hexachlorobenzene	16.79	284	297960	38.178	nq	98
69) Atrazine	16.93	200	280334	49.576	nq	98
70) Pentachlorophenol	17.13	266	428497	92.552	nq	95
71) Phenanthrene	17.52	178	1227489	42.534	nq	99
72) Anthracene	17.61	178	1247470	43.267	nq	98
73) Carbazole	17.87	167	1214834	44.332	nq	97
74) Di-n-butylphthalate	18.44	149	1390811	42.369	nq	99
75) Fluoranthene	19.52	202	1628826	43.549	nq	98
77) Benzidine	19.69	184	636974	37.441	nq	98
78) Pyrene	19.89	202	1633177	42.840	nq	97
80) Butylbenzylphthalate	20.77	149	649807	42.117	nq	97
81) Benzo(a)anthracene	21.74	228	1602778	41.398	nq	97
82) 3,3'-Dichlorobenzidine	21.64	252	502614	33.406	nq	100
83) Chrysene	21.81	228	1544594	42.118	nq	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	885027	41.982	nq	98
85) Di-n-octyl phthalate	22.89	149	1505347	41.887	nq	98
86) Indeno(1,2,3-cd)pyrene	28.78	276	1867306	41.117	nq	# 93
88) Benzo(b)fluoranthene	23.99	252	1670788	46.120	nq	99
89) Benzo(k)fluoranthene	24.06	252	1577780	46.106	nq	98
90) Benzo(a)pyrene	24.88	252	1601829	47.221	nq	98
91) Dibenzo(a,h)anthracene	28.84	278	1567901	46.994	nq	100
92) Benzo(g,h,i)perylene	29.94	276	1534199	47.144	nq	99

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



#1

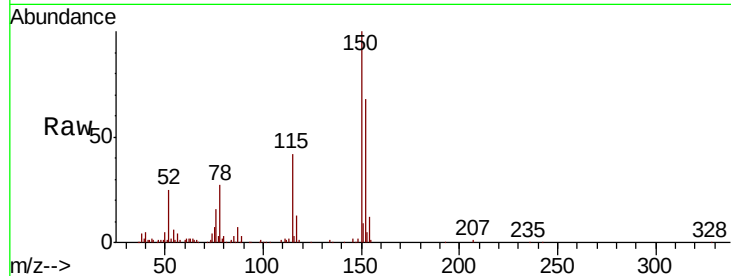
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Instrument :
BNA_G
ClientSampleId :
PB123101BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.0	118.9	178.3
115	61.8	47.4	71.2

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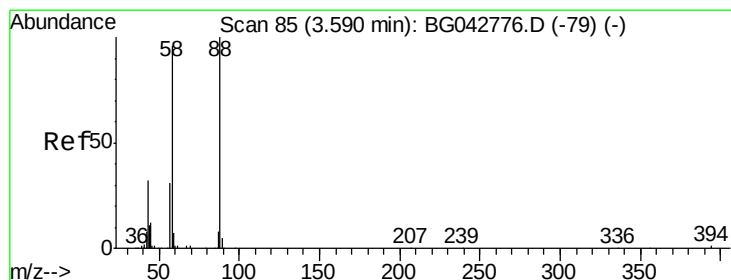
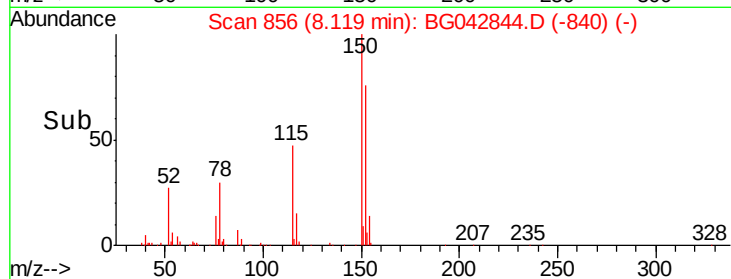
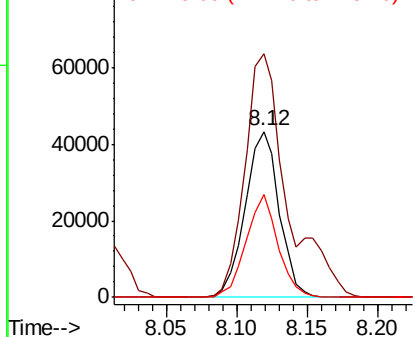


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

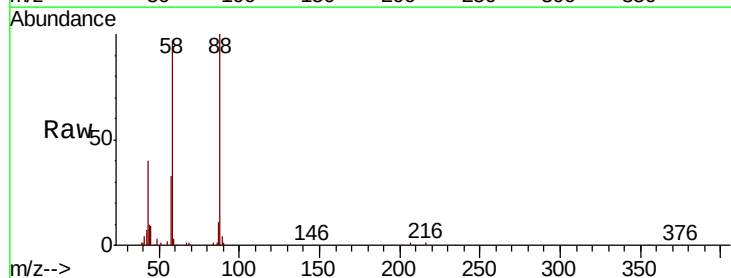
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.865 ng
RT: 3.58 min Scan# 84
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	96.6	79.1	118.7
43	39.9	30.4	45.6

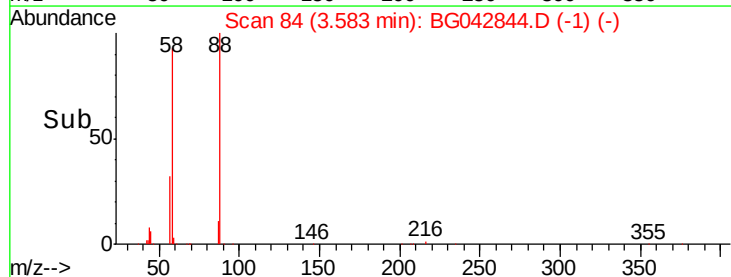
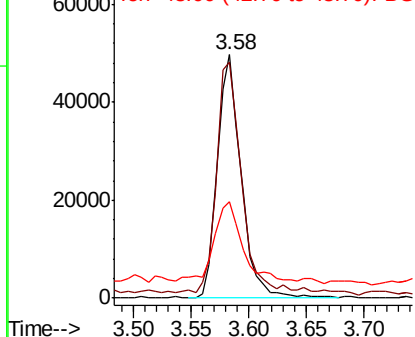


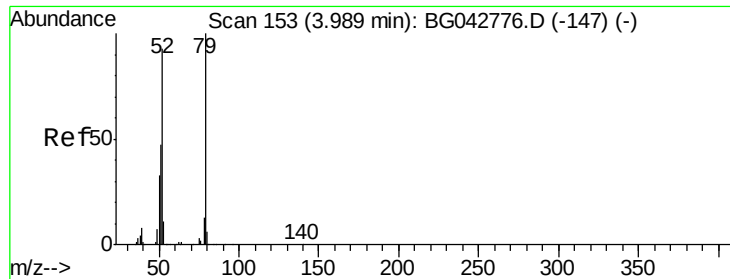
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 31.308 ng

RT: 3.98 min Scan# 151

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

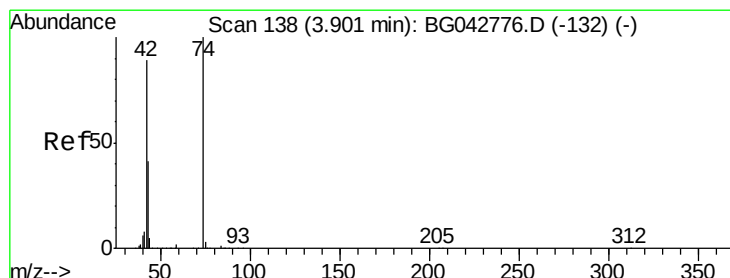
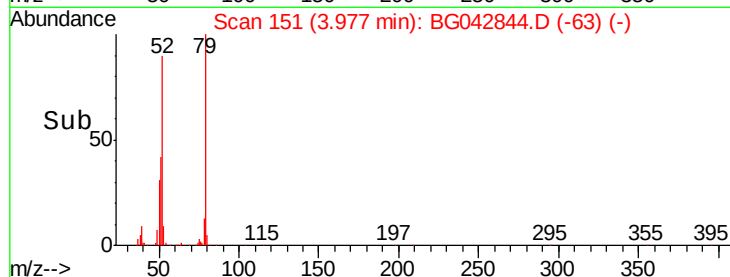
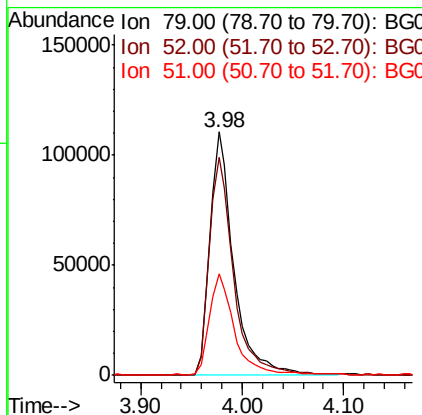
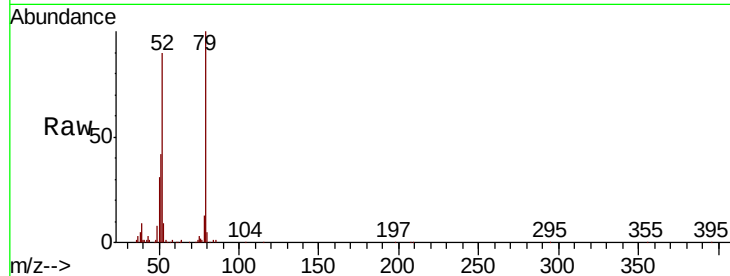
ClientSampled :

PB123101BS

Tot Ion:	79	Resp:	181032
Ion	Ratio	Lower	Upper
79	100		
52	89.6	74.0	111.0
51	41.9	37.5	56.3

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#4

n-Nitrosodimethylamine

Concen: 38.978 ng

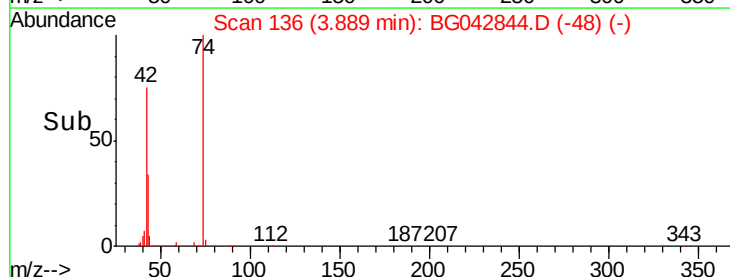
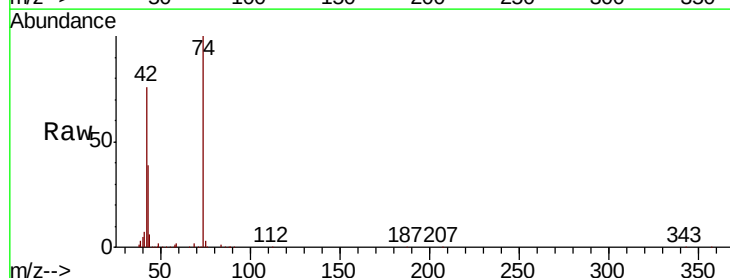
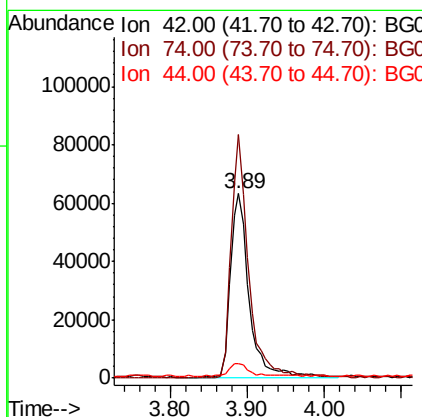
RT: 3.89 min Scan# 136

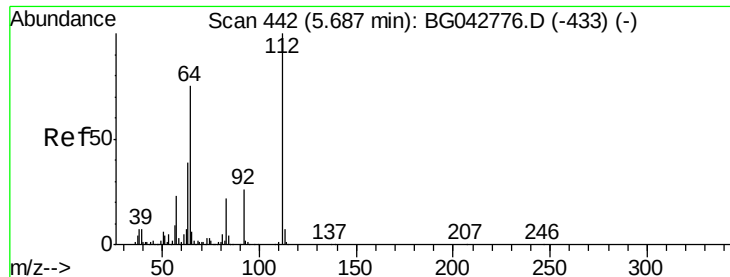
Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Tgt Ion:	42	Resp:	109670
Ion	Ratio	Lower	Upper
42	100		
74	131.9	90.2	135.2
44	8.1	6.6	9.8





#5

2-Fluorophenol

Concen: 127.382 ng

RT: 5.69 min Scan# 442

Delta R.T. -0.00 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

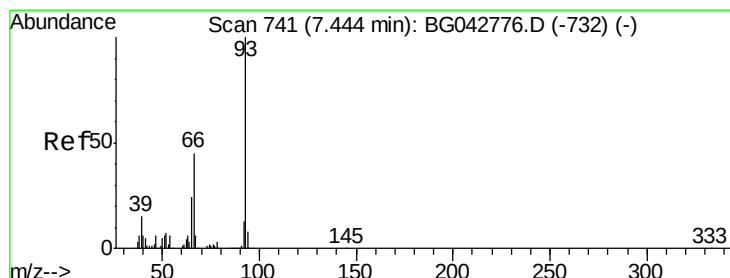
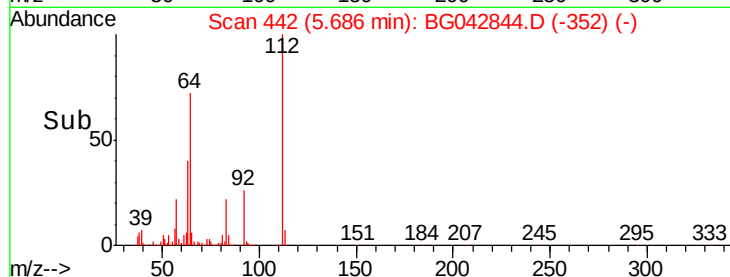
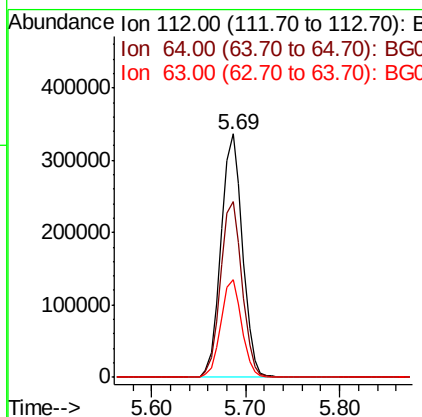
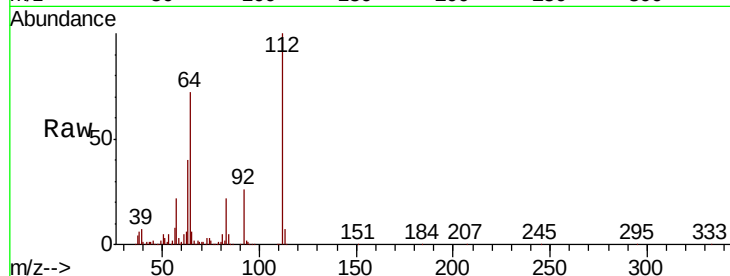
ClientSampleId :

PB123101BS

Tot Ion:	112	Resp:	536029
Ion Ratio	Lower	Upper	
112	100		
64	72.4	60.2	90.2
63	39.9	31.2	46.8

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#6

Aniline

Concen: 34.917 ng

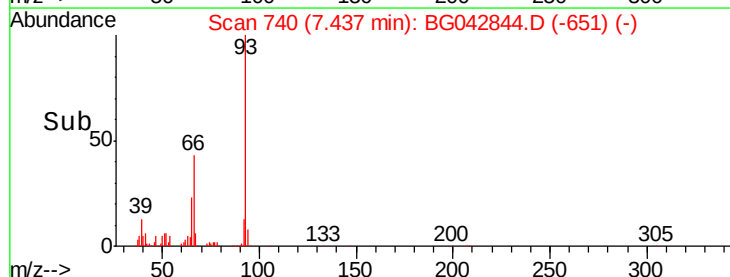
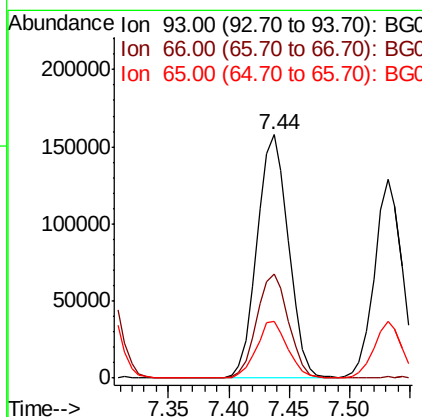
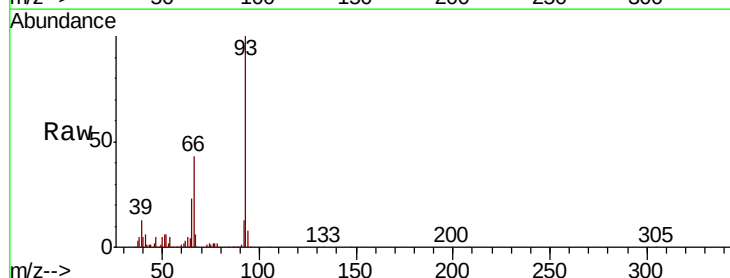
RT: 7.44 min Scan# 740

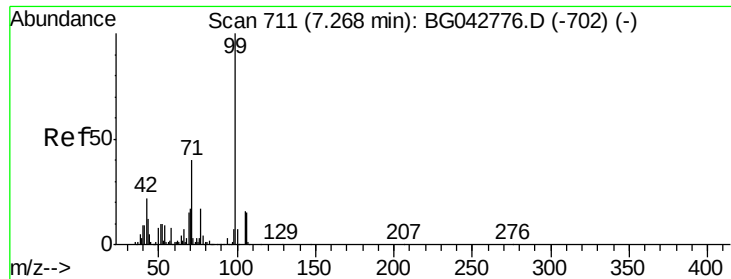
Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Tgt Ion:	93	Resp:	284543
Ion Ratio	Lower	Upper	
93	100		
66	42.7	36.3	54.5
65	23.2	19.3	28.9





#7

Phenol-d6

Concen: 127.303 ng

RT: 7.27 min Scan# 712

Delta R.T. 0.00 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

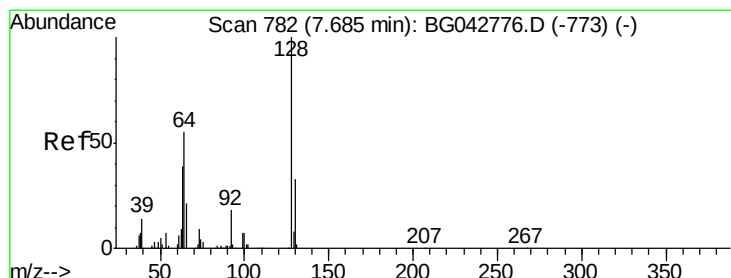
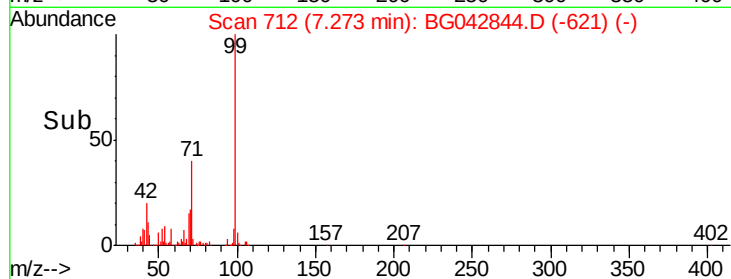
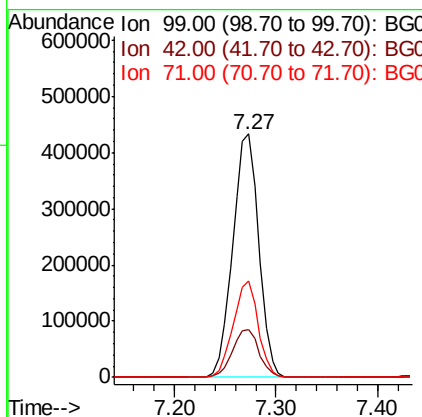
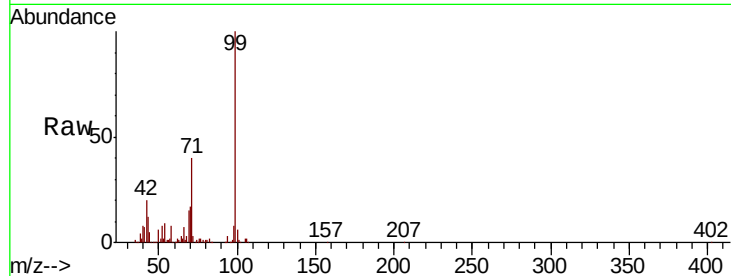
ClientSampled :

PB123101BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		768905		
42	19.6	17.5	26.3		
71	39.6	32.0	48.0		

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#8

2-Chlorophenol

Concen: 48.469 ng

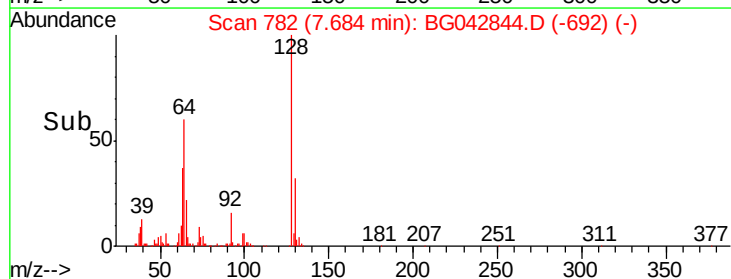
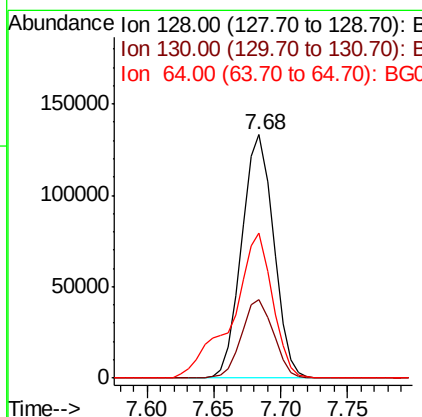
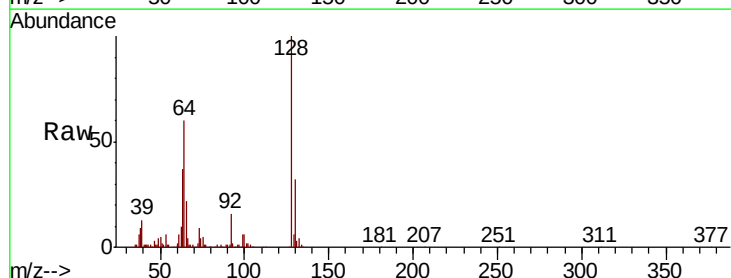
RT: 7.68 min Scan# 782

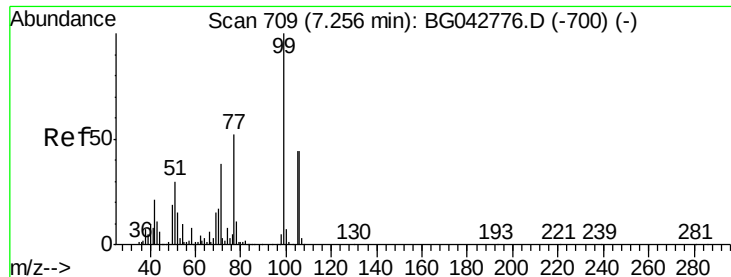
Delta R.T. -0.00 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		220469		
130	32.1	12.8	52.8		
64	59.7	36.8	76.8		





#9

Benzaldehyde

Concen: 35.417 ng

RT: 7.25 min Scan# 708

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

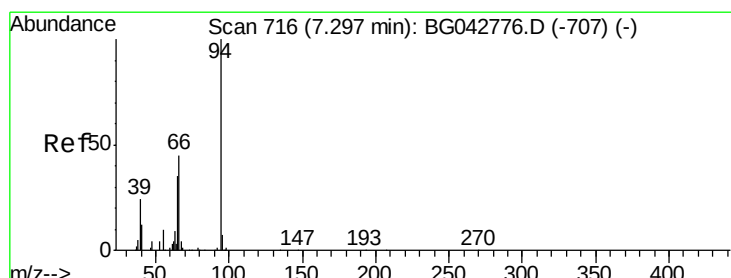
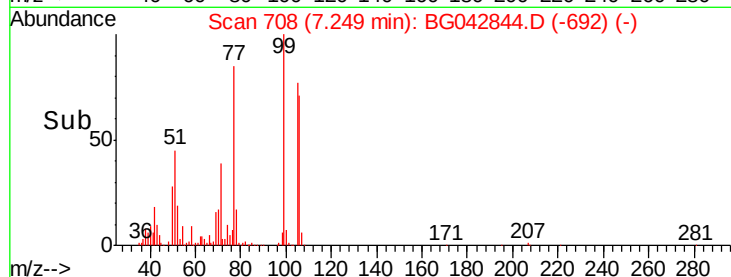
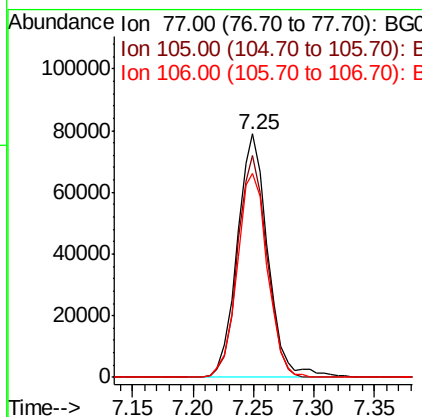
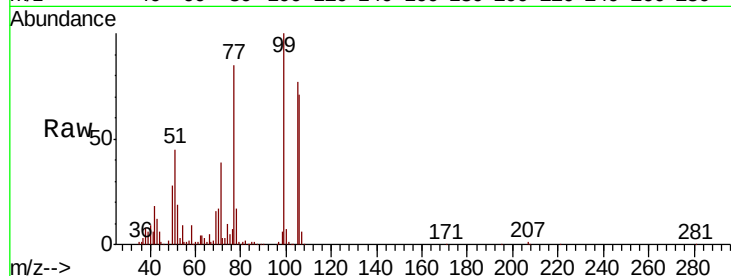
ClientSampled :

PB123101BS

Tot Ion:	77	Resp:	139207
Ion	Ratio	Lower	Upper
77	100		
105	90.9	64.5	104.5
106	83.9	63.4	103.4

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#10

Phenol

Concen: 49.339 ng

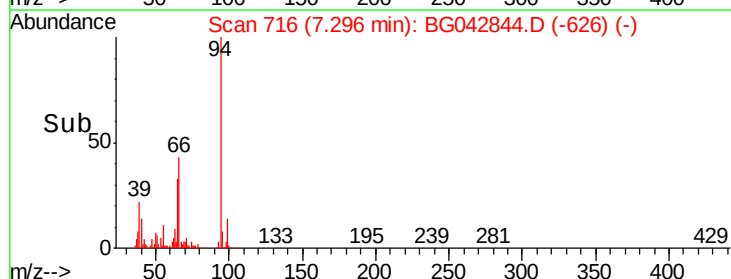
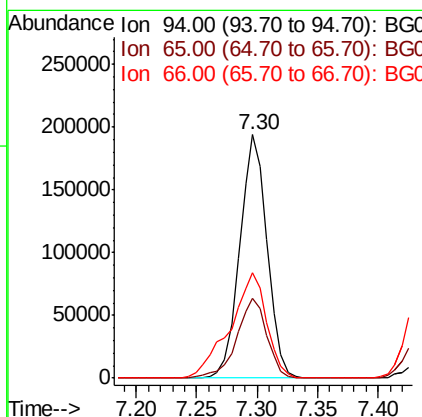
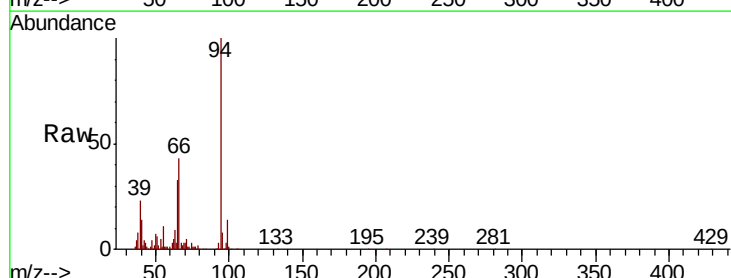
RT: 7.30 min Scan# 716

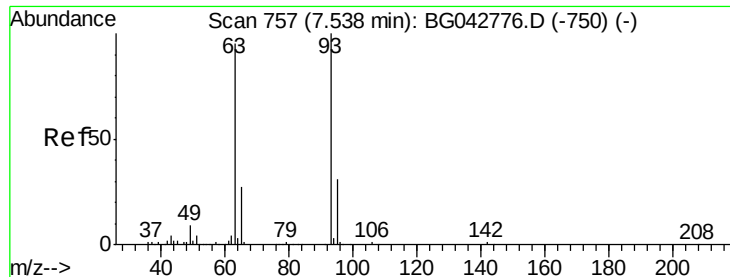
Delta R.T. -0.00 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Tgt Ion:	94	Resp:	305615
Ion	Ratio	Lower	Upper
94	100		
65	33.0	15.0	55.0
66	43.4	26.1	66.1





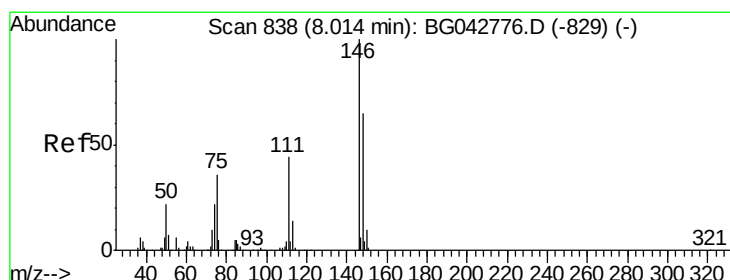
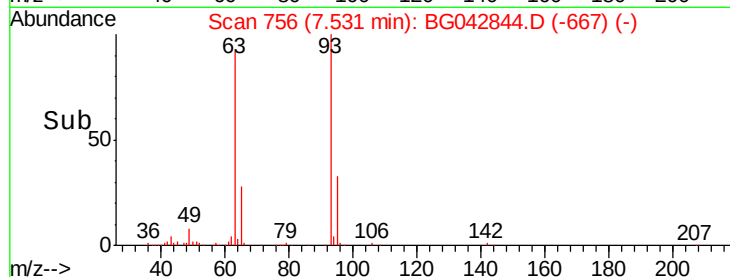
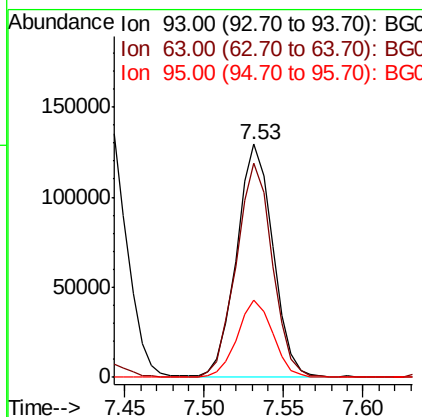
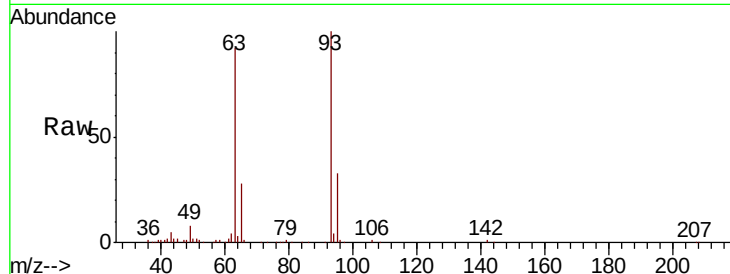
#11
bis(2-Chloroethyl)ether
Concen: 43.112 ng
RT: 7.53 min Scan# 756
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Instrument :
BNA_G
ClientSampleId :
PB123101BS

Tot Ion	Ratio	Resp	Lower	Upper
93	100	204948		
63	91.9		74.7	114.7
95	33.0		11.1	51.1

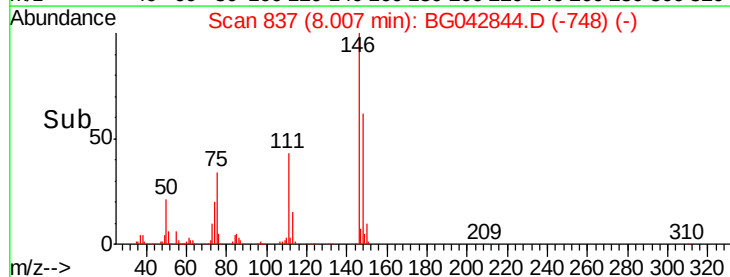
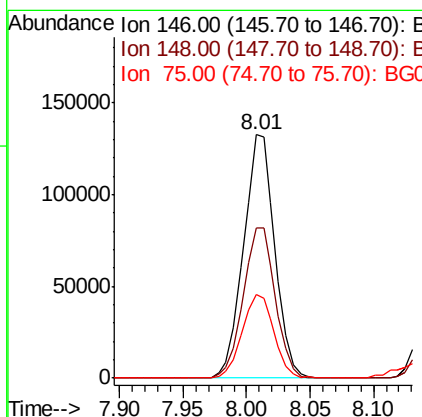
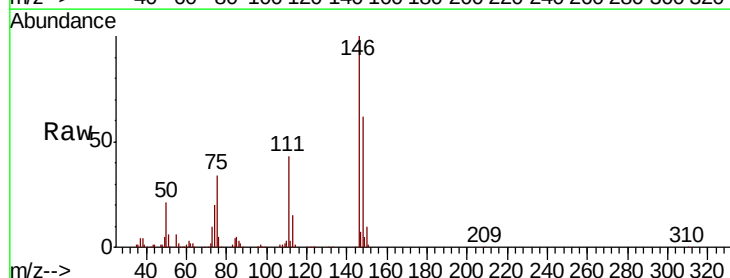
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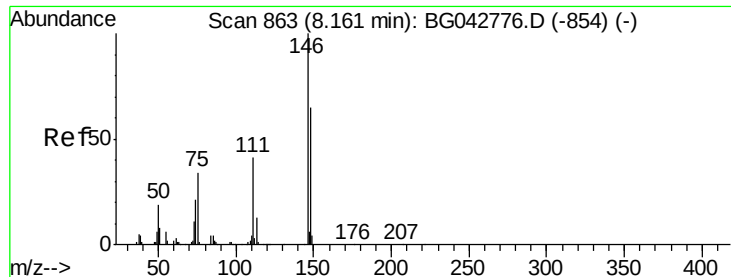
mohammad
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#12
1,3-Dichlorobenzene
Concen: 40.768 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	226178		
148	61.8		51.9	77.9
75	34.1		28.4	42.6





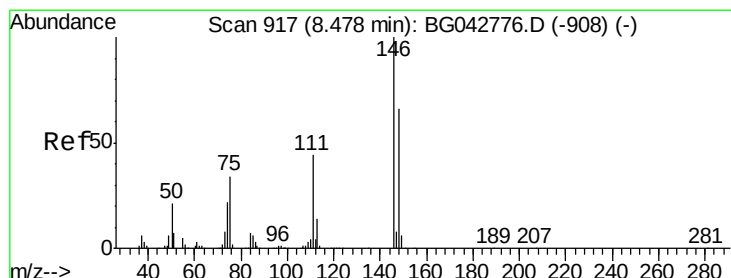
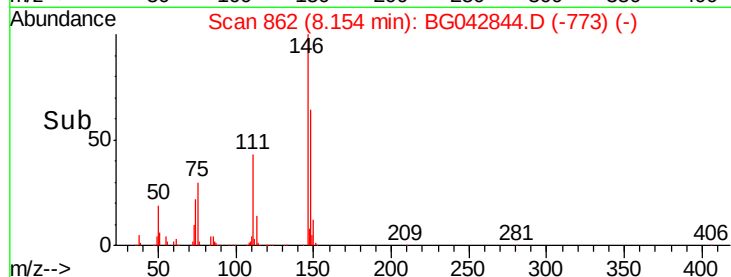
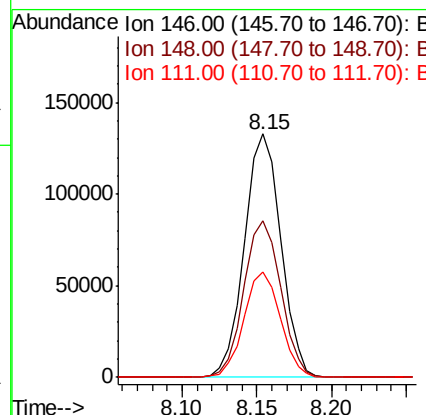
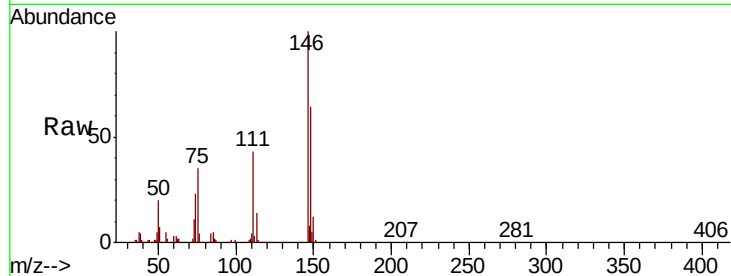
#13
 1,4-Dichlorobenzene
 Concen: 40.527 ng
 RT: 8.15 min Scan# 862
 Delta R.T. -0.01 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

Instrument :
 BNA_G
 ClientSampleId :
 PB123101BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	52.2	78.4
111	43.4	32.6	49.0

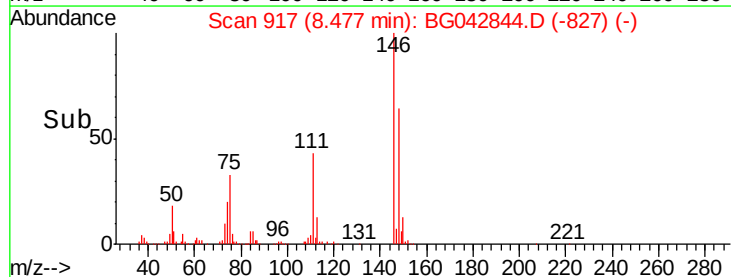
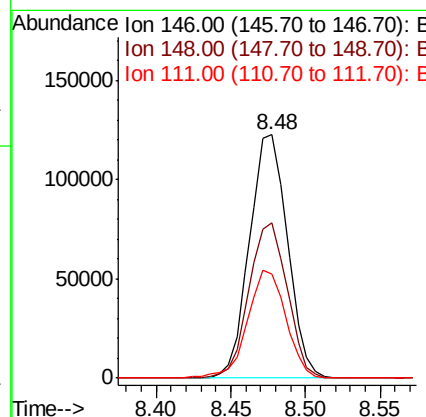
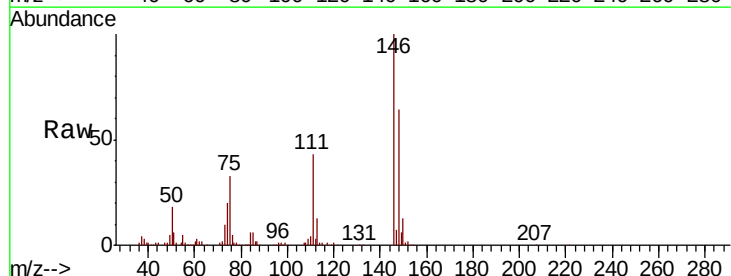
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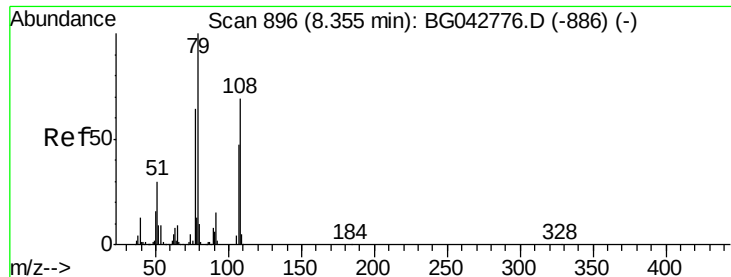
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 40.806 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.0	52.6	78.8
111	43.0	35.3	52.9





#15

Benzyl Alcohol

Concen: 45.771 ng

RT: 8.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

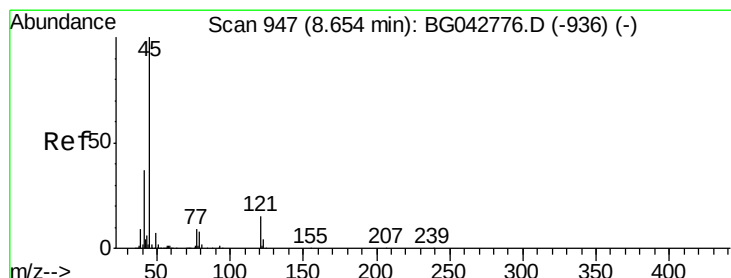
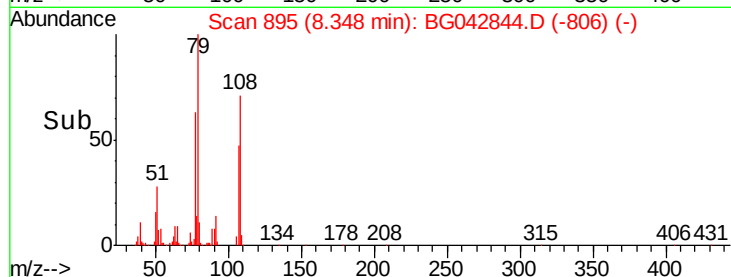
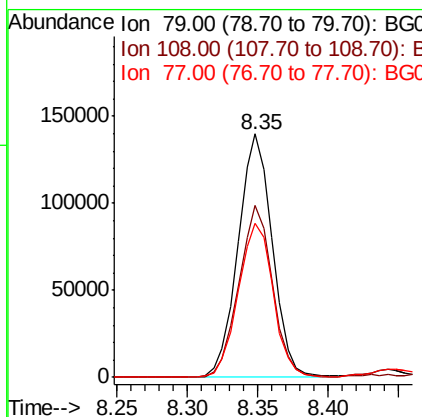
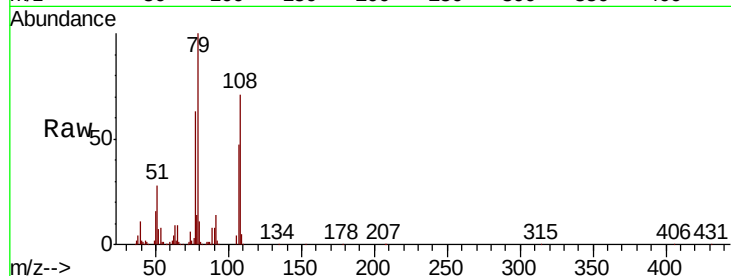
ClientSampleId :

PB123101BS

Tot Ion:	79	Resp:	237249
Ion	Ratio	Lower	Upper
79	100		
108	70.7	54.9	82.3
77	63.2	51.0	76.6

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.555 ng

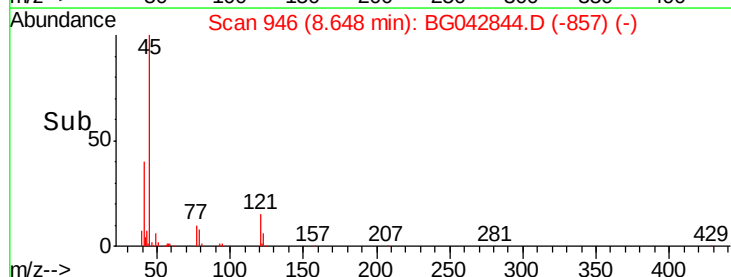
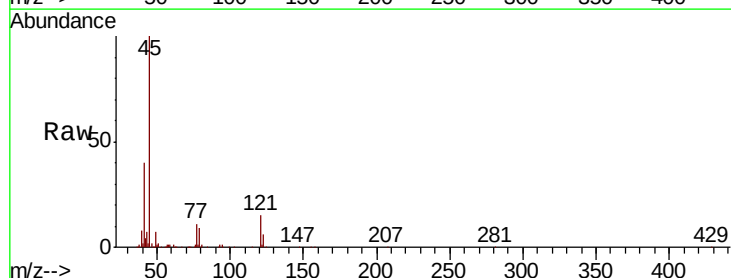
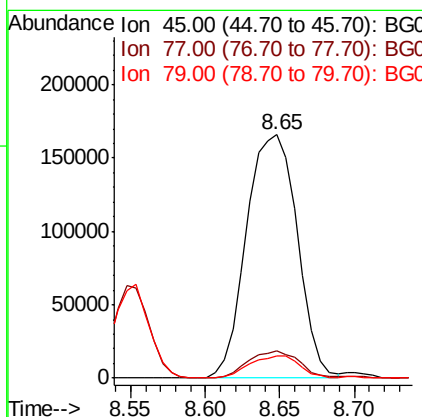
RT: 8.65 min Scan# 946

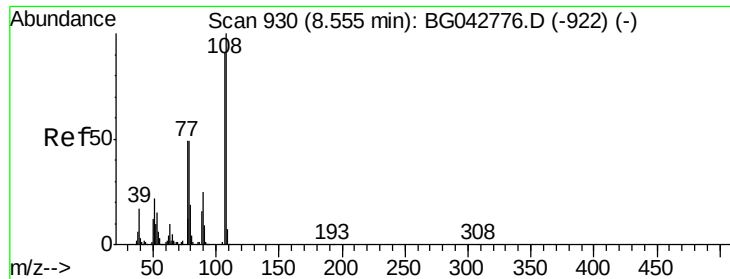
Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Tgt Ion:	45	Resp:	392054
Ion	Ratio	Lower	Upper
45	100		
77	11.0	0.0	29.4
79	9.2	0.0	28.4





#17

2-Methylphenol

Concen: 48.552 ng

RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

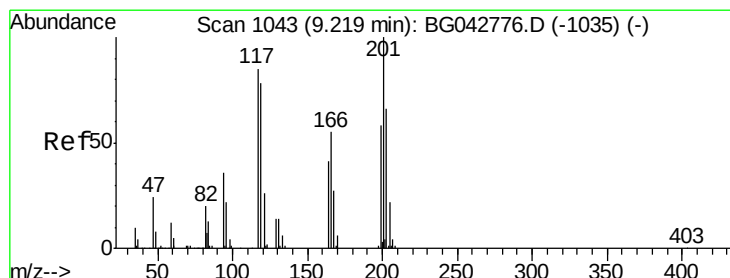
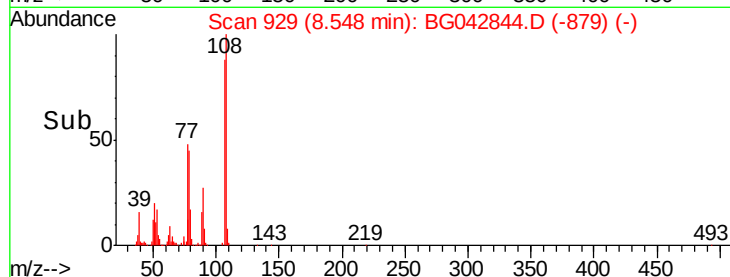
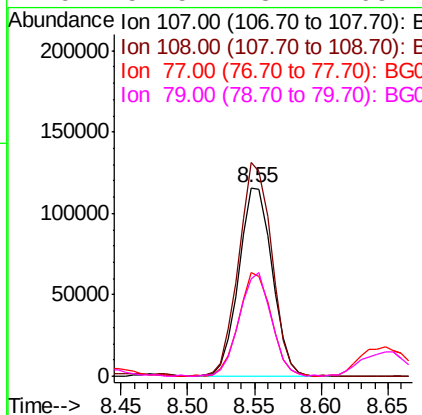
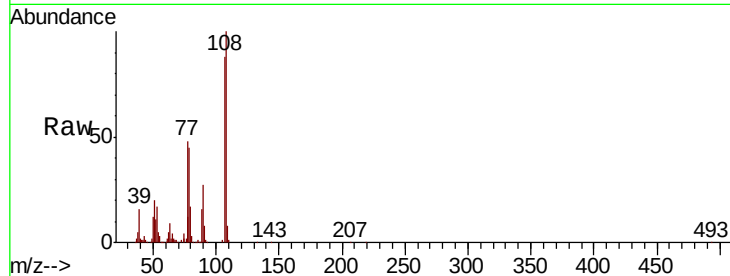
ClientSampleId :

PB123101BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.2	87.7	131.5	
77	54.7	42.6	64.0	
79	51.5	43.4	65.2	

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#18

Hexachloroethane

Concen: 39.569 ng

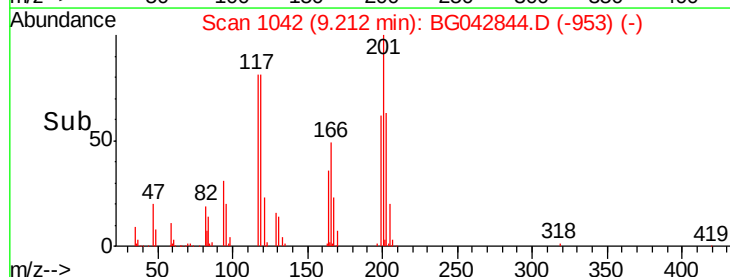
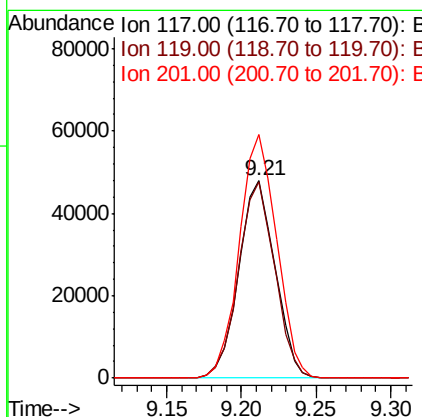
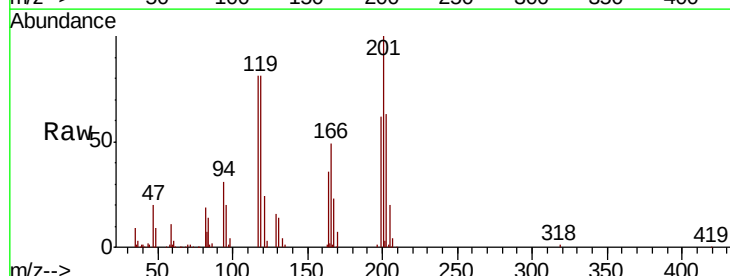
RT: 9.21 min Scan# 1042

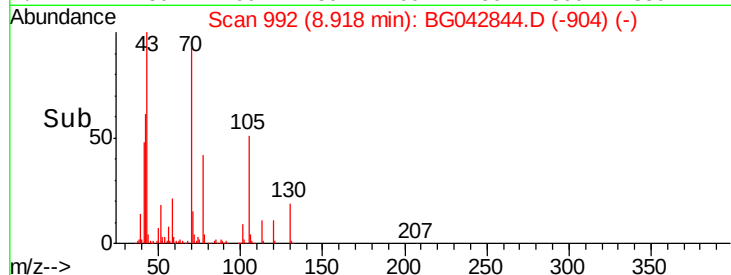
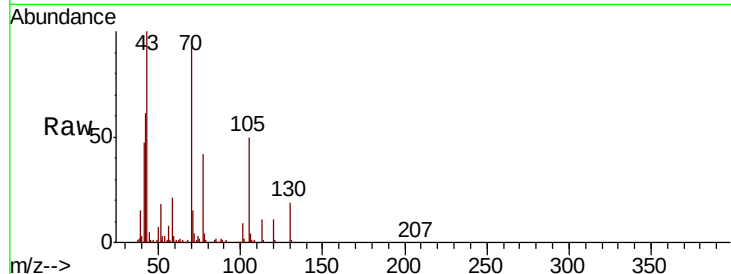
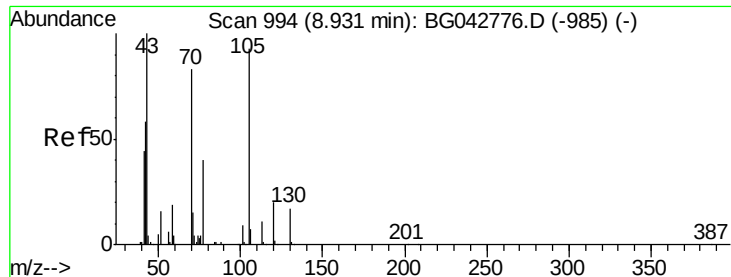
Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	99.7	73.8	110.8	
201	123.3	94.6	142.0	





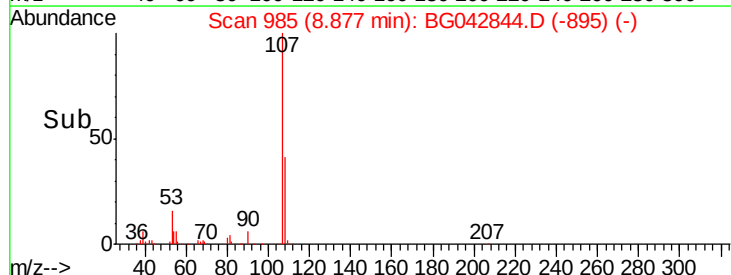
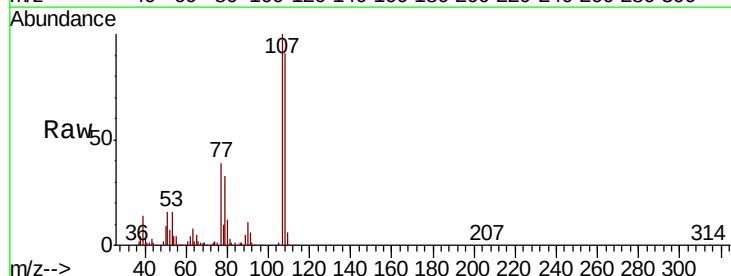
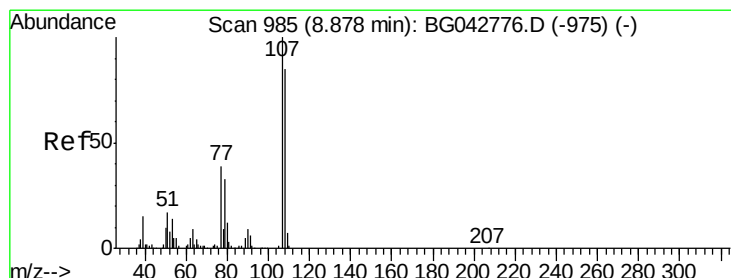
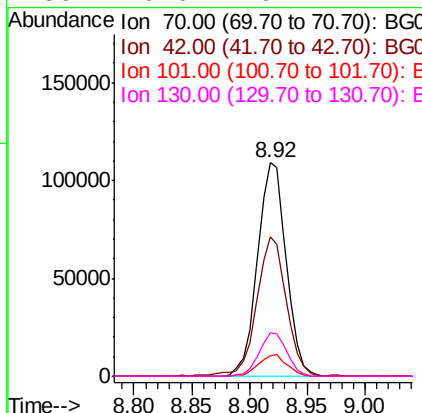
#19
n-Nitroso-di-n-propylamine
Concen: 42.417 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Instrument :
BNA_G
ClientSampleId :
PB123101BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		188781		
42	65.5	57.0	85.6		
101	9.7	8.4	12.6		
130	20.6	16.1	24.1		

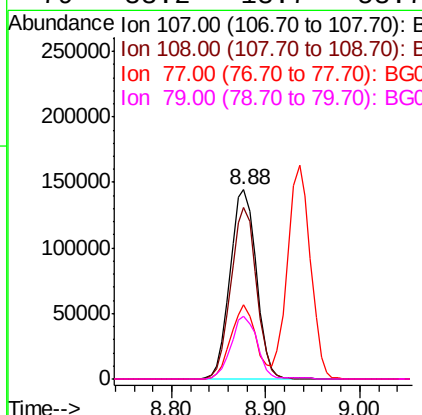
Manual Integrations
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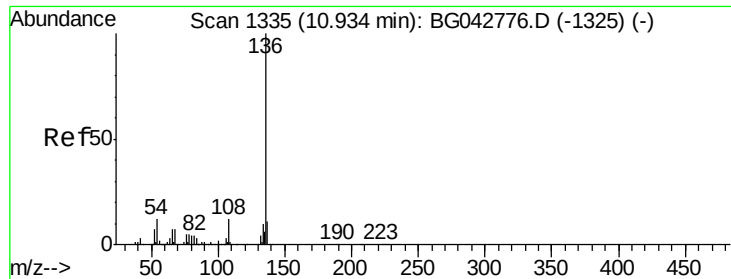
mohammad
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#20
3+4-Methylphenols
Concen: 49.363 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		281982		
108	90.5	65.4	105.4		
77	39.1	18.7	58.7		
79	33.2	13.7	53.7		





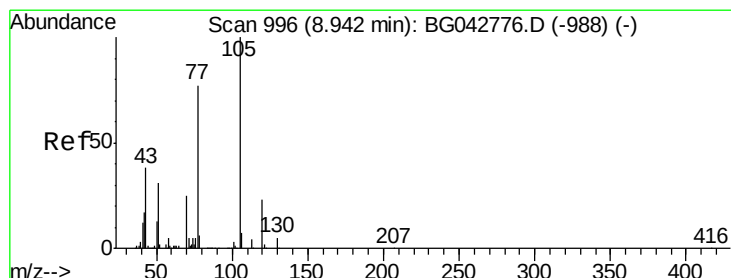
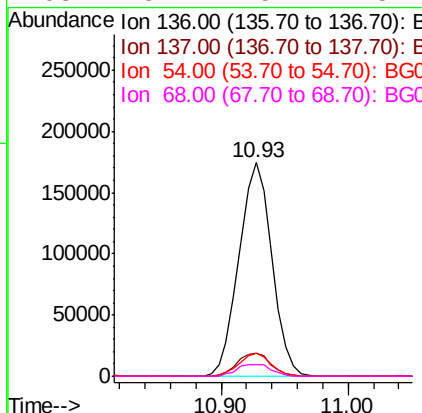
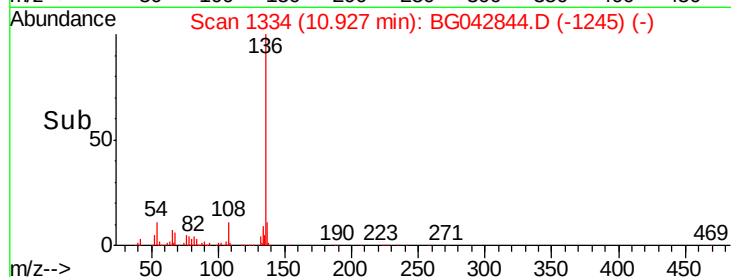
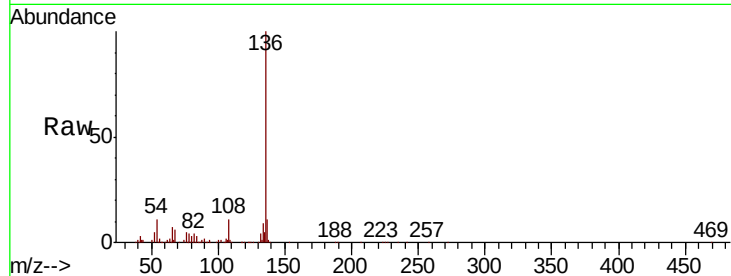
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Instrument :
BNA_G
ClientSampleId :
PB123101BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		314540		
137	10.6		9.0	13.6	
54	10.8		9.4	14.0	
68	5.7		5.4	8.2	

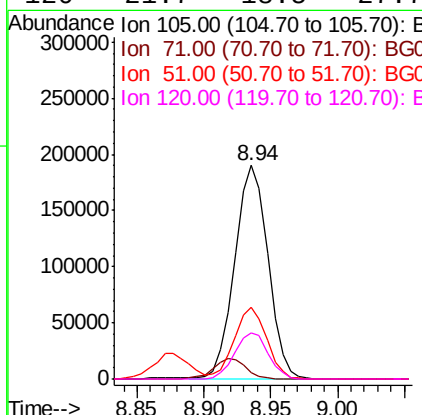
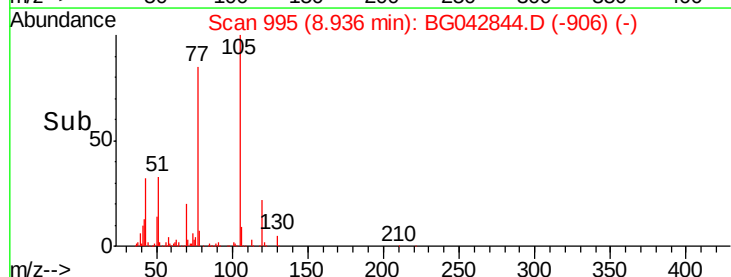
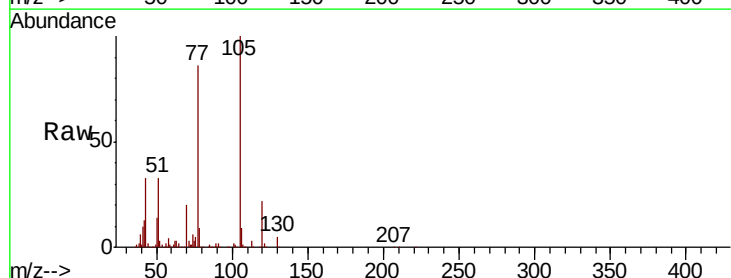
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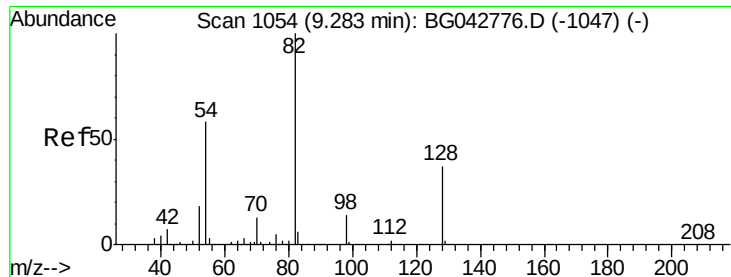
mohammad
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#22
Acetophenone
Concen: 41.536 ng
RT: 8.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		329952		
71	2.8		3.7	5.5#	
51	33.3		28.8	43.2	
120	21.7		18.5	27.7	





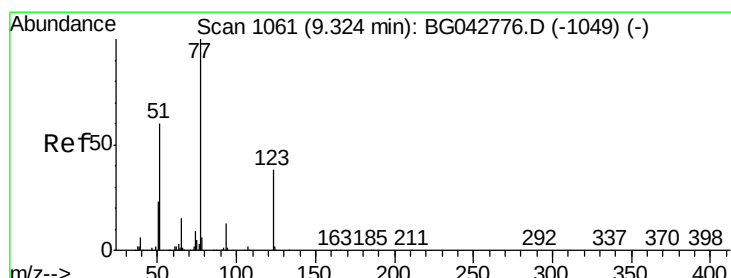
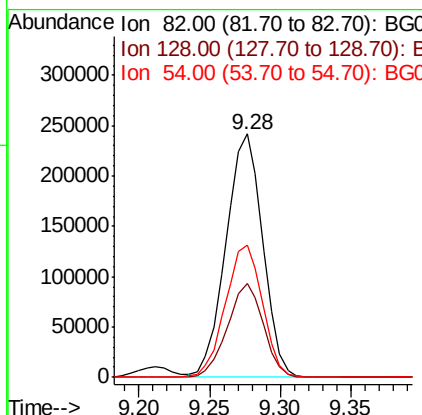
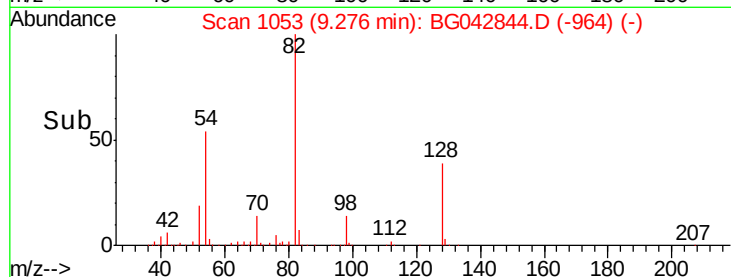
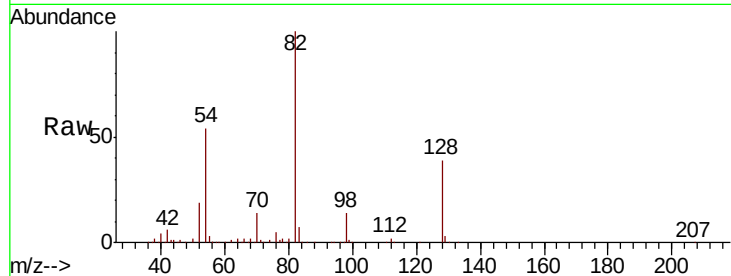
#23
Nitrobenzene-d5
Concen: 72.532 ng
RT: 9.28 min Scan# 1053
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Instrument :
BNA_G
ClientSampleId :
PB123101BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.6	29.8	44.8	
54	54.4	46.1	69.1	

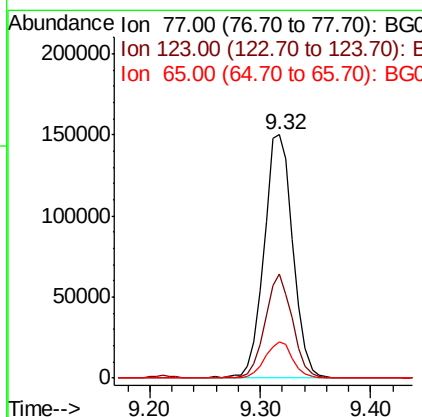
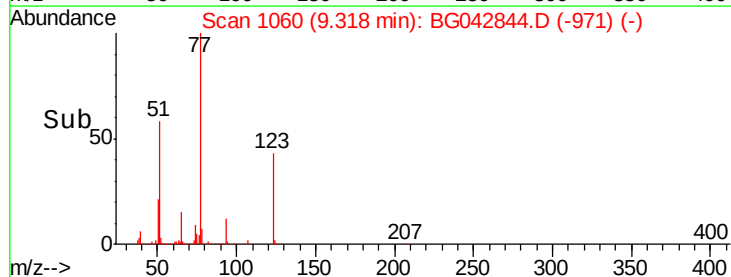
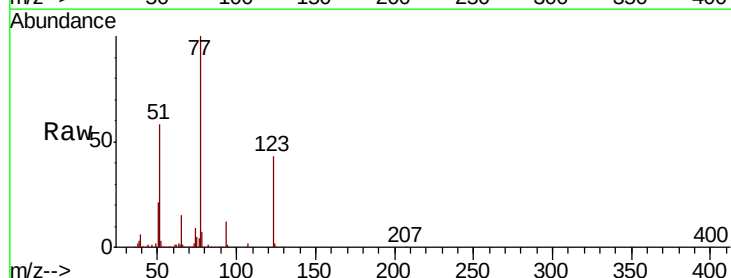
Manual Integrations
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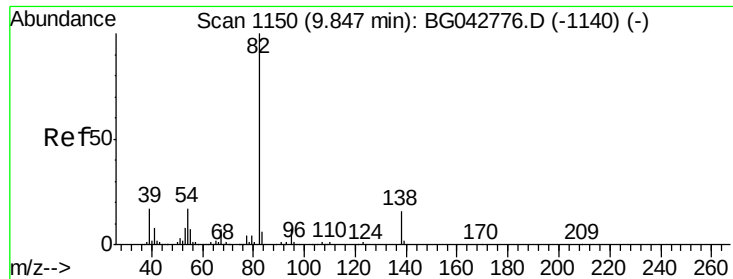
mohammad
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#24
Nitrobenzene
Concen: 43.119 ng
RT: 9.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	42.7	30.7	46.1	
65	14.8	12.2	18.4	





#25

Isophorone

Concen: 41.989 ng

RT: 9.85 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

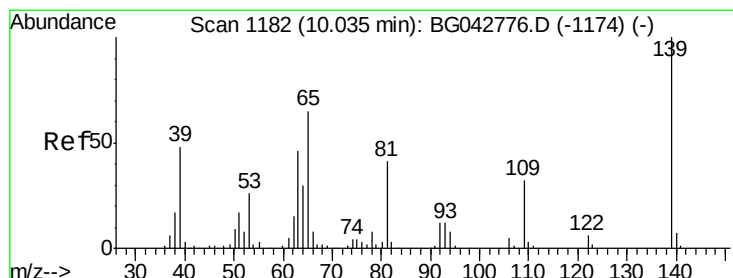
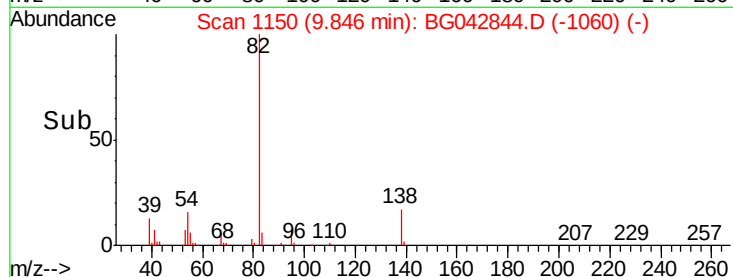
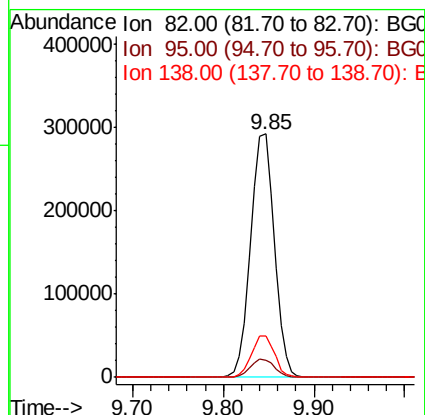
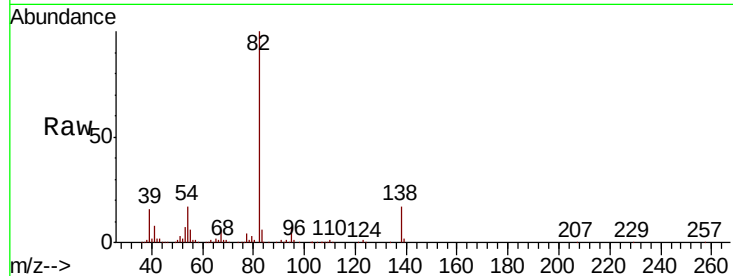
ClientSampleId :

PB123101BS

Tot Ion:	82	Resp:	528780
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.8	8.8
138	17.2	12.9	19.3

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#26

2-Nitrophenol

Concen: 48.055 ng

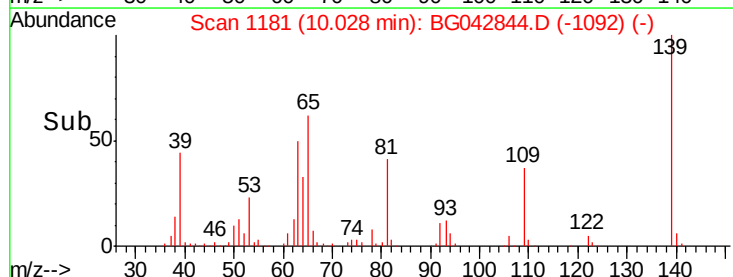
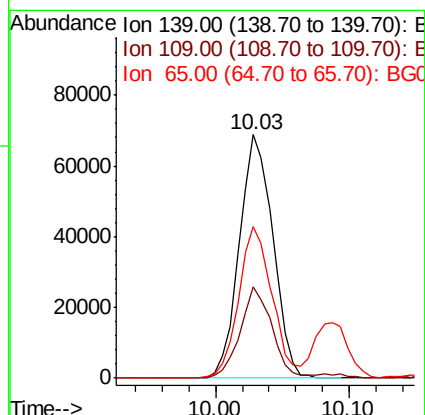
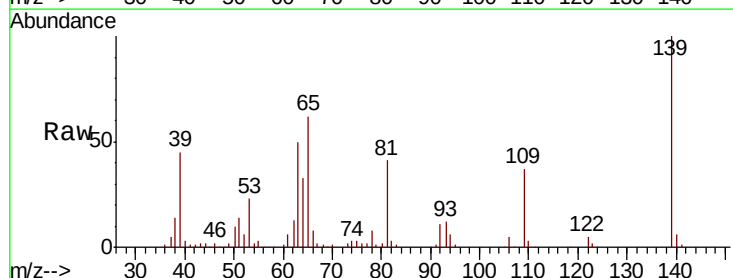
RT: 10.03 min Scan# 1181

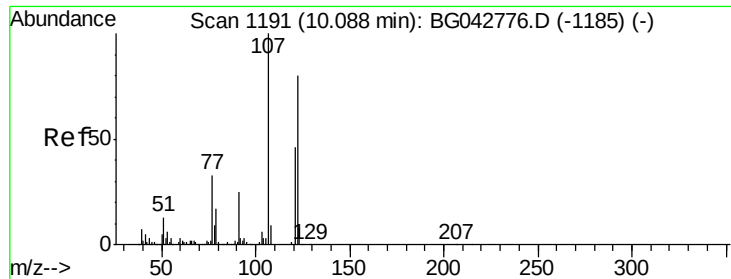
Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Tgt Ion:	139	Resp:	119834
Ion Ratio	Lower	Upper	
139	100		
109	37.3	25.8	38.8
65	62.0	52.2	78.2





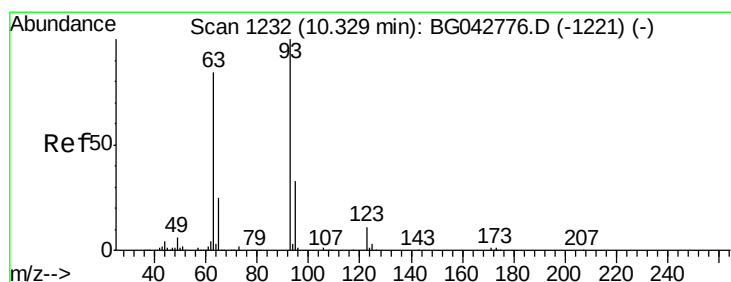
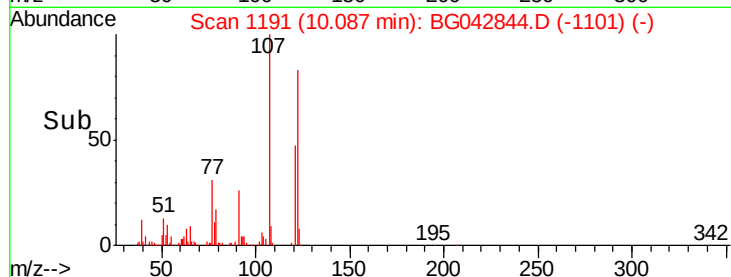
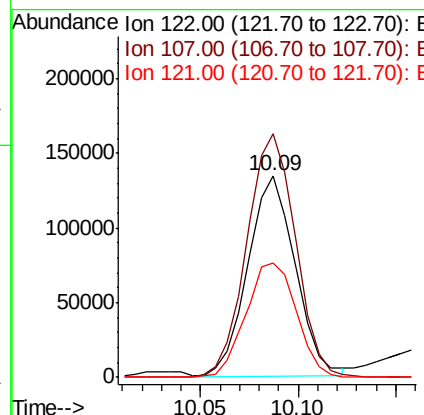
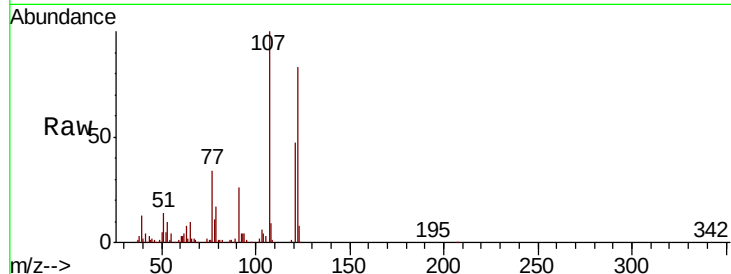
#27
2,4-Dimethylphenol
Concen: 51.489 ng
RT: 10.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Instrument :
BNA_G
ClientSampleId :
PB123101BS

Tot Ion	Ratio	Resp	Lower	Upper
122	100	227122		
107	120.9	98.9	148.3	
121	57.0	46.2	69.2	

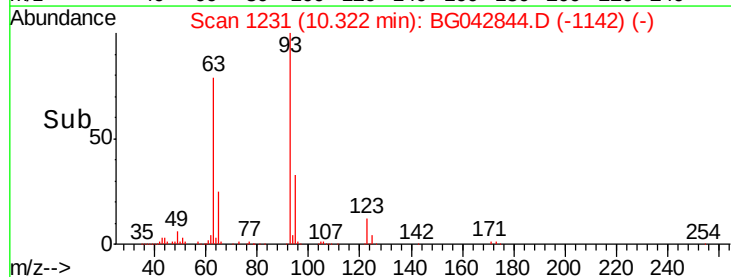
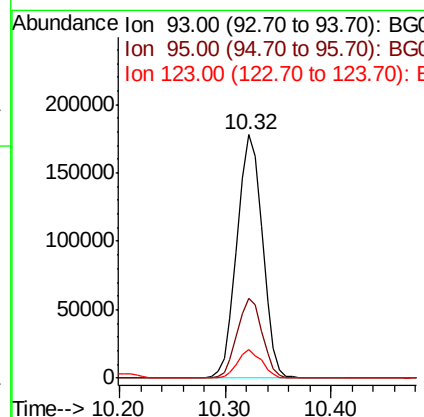
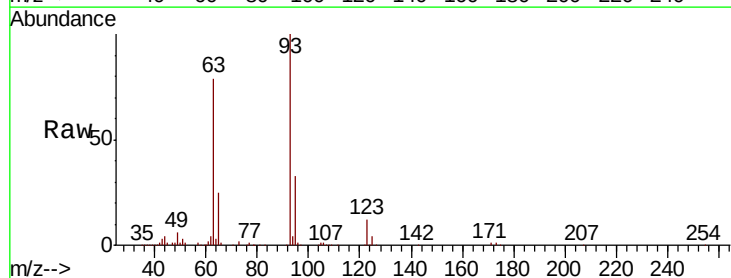
Manual Integrations
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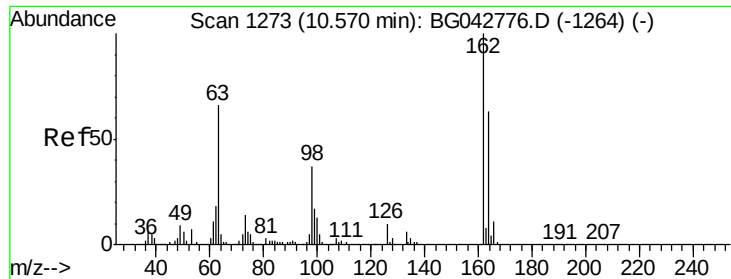
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 42.171 ng
RT: 10.32 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	296163		
95	32.5	26.6	40.0	
123	11.6	9.0	13.6	





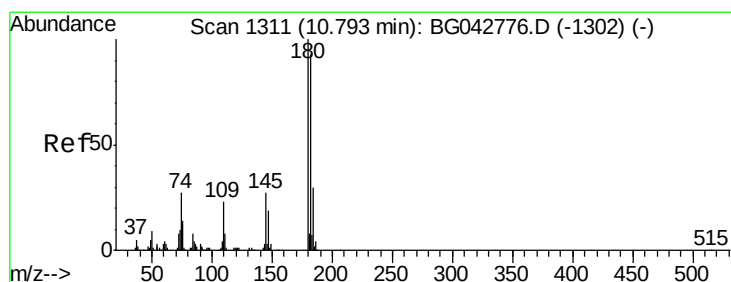
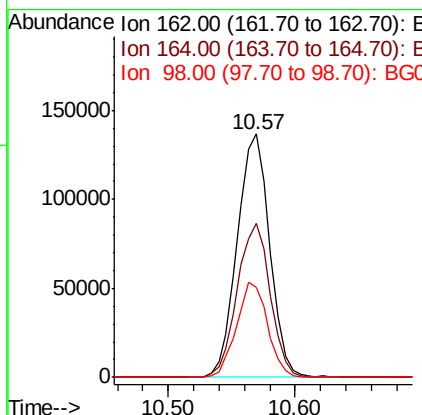
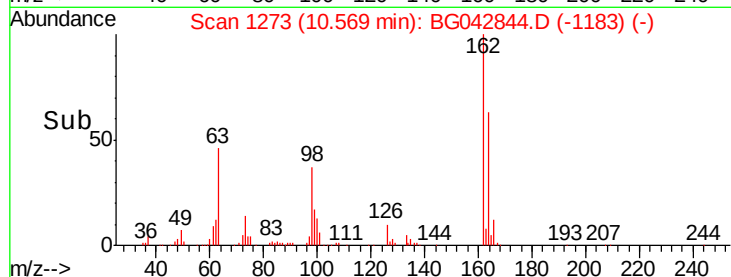
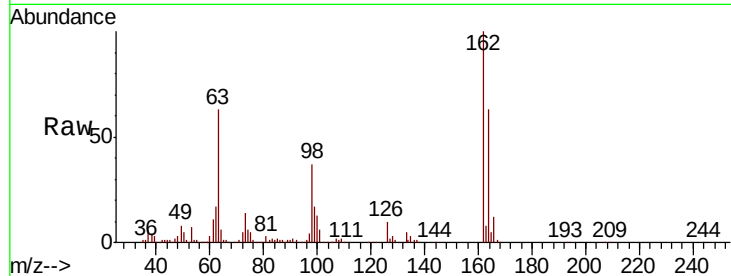
#29
2,4-Dichlorophenol
Concen: 47.376 ng
RT: 10.57 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Instrument :
BNA_G
ClientSampleId :
PB123101BS

Tot Ion:	162	Resp:	242847
Ion Ratio	Lower	Upper	
162	100		
164	63.3	43.4	83.4
98	36.9	17.0	57.0

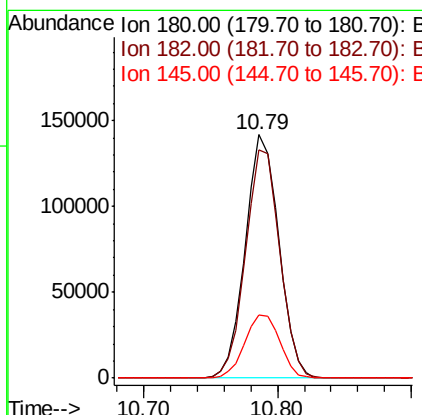
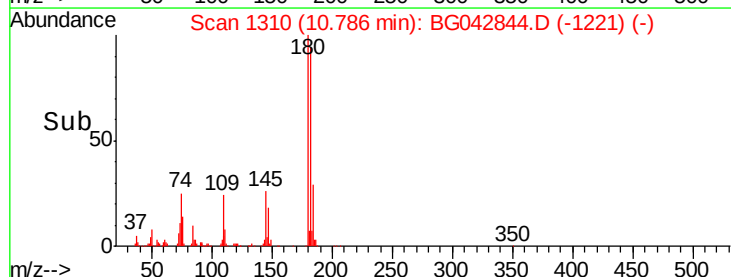
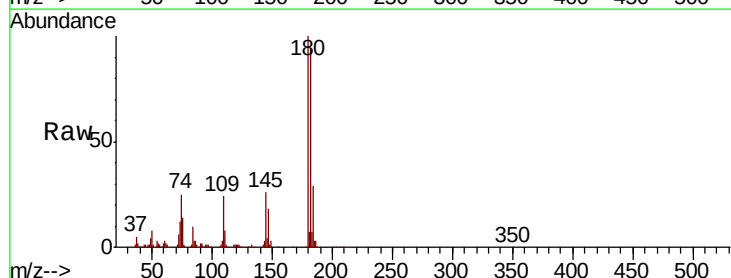
Manual Integrations
APPROVED

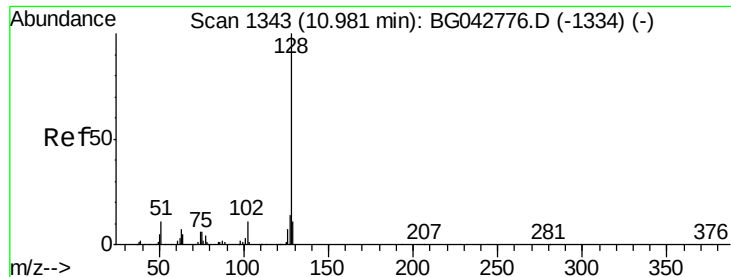
mohammad
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#30
1,2,4-Trichlorobenzene
Concen: 39.321 ng
RT: 10.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion:	180	Resp:	246082
Ion Ratio	Lower	Upper	
180	100		
182	93.8	74.6	112.0
145	26.0	21.8	32.6





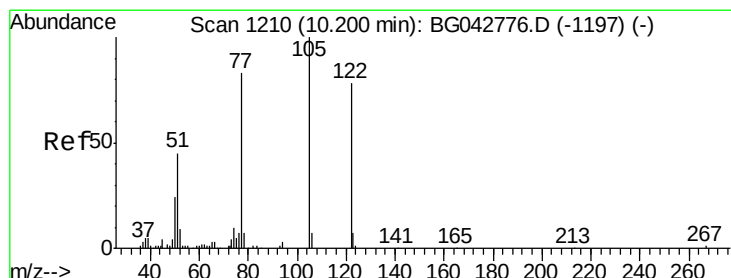
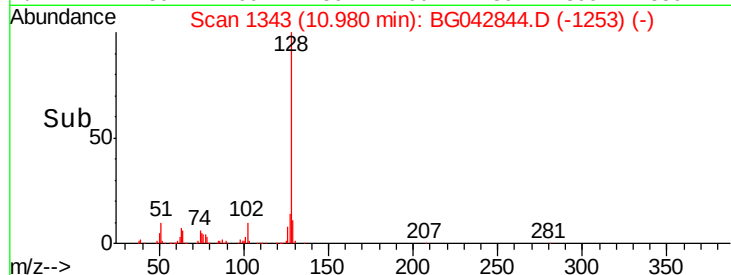
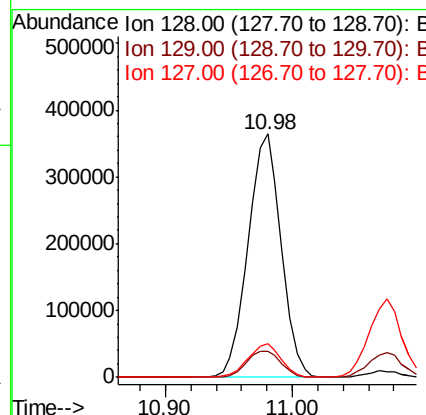
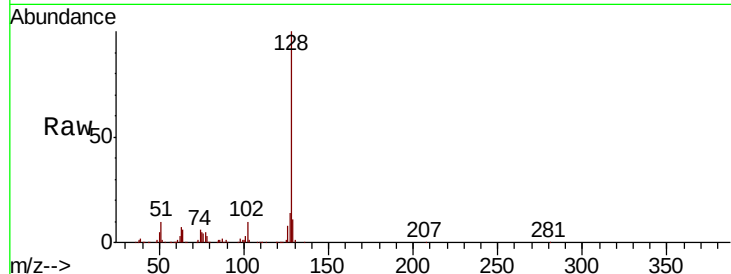
#31
Naphthalene
Concen: 42.378 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Instrument :
BNA_G
ClientSampleId :
PB123101BS

Tot Ion:	128	Resp:	658125
Ion Ratio	Lower	Upper	
128	100		
129	10.8	9.0	13.6
127	14.0	11.4	17.2

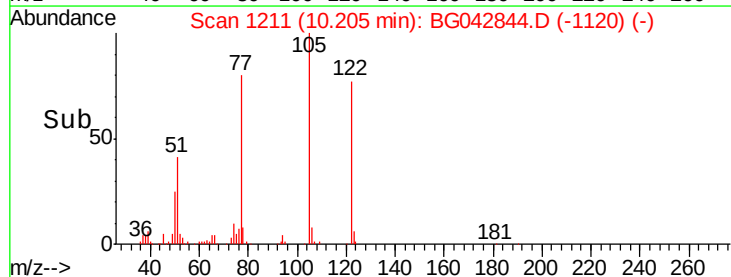
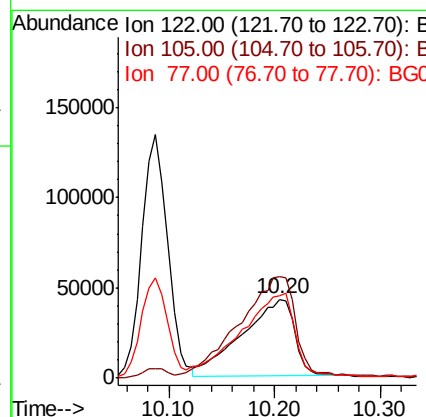
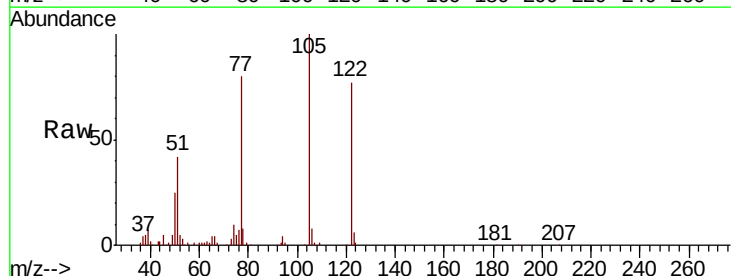
Manual Integrations
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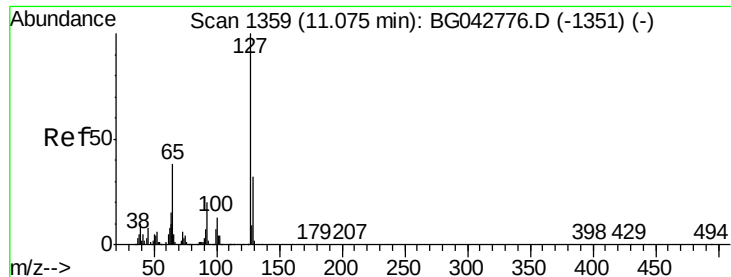
mohammad
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#32
Benzoic acid
Concen: 41.942 ng
RT: 10.20 min Scan# 1211
Delta R.T. 0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion:	122	Resp:	146572
Ion Ratio	Lower	Upper	
122	100		
105	129.8	104.0	144.0
77	104.4	84.2	124.2





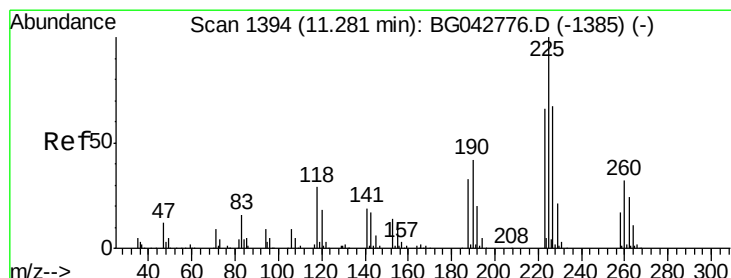
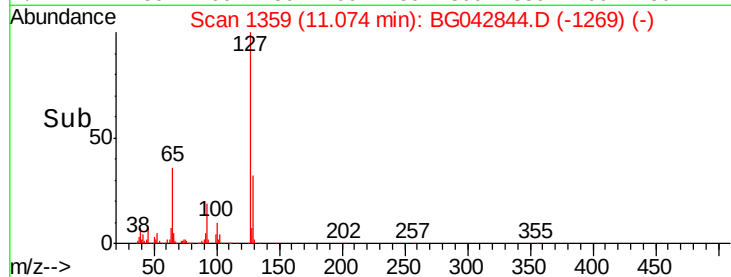
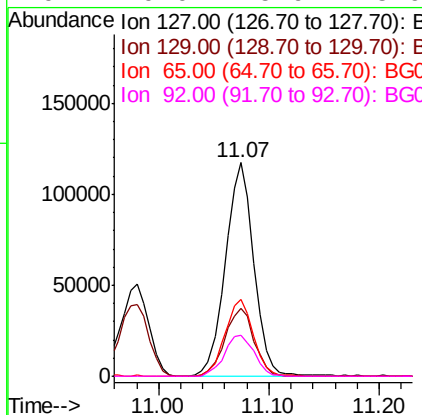
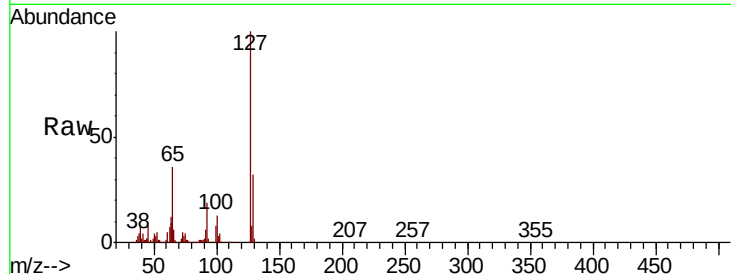
#33
4-Chloroaniline
Concen: 28.847 ng
RT: 11.07 min Scan# 1359
Delta R.T. -0.00 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Instrument :
BNA_G
ClientSampleId :
PB123101BS

Tot Ion	Ratio	Resp	Lower	Upper
127	100	209391		
129	31.7	25.8	38.6	
65	35.7	30.5	45.7	
92	19.0	15.9	23.9	

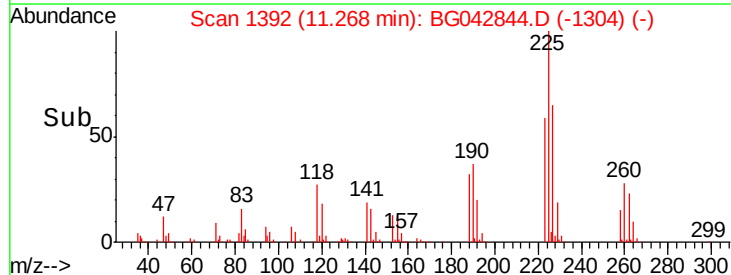
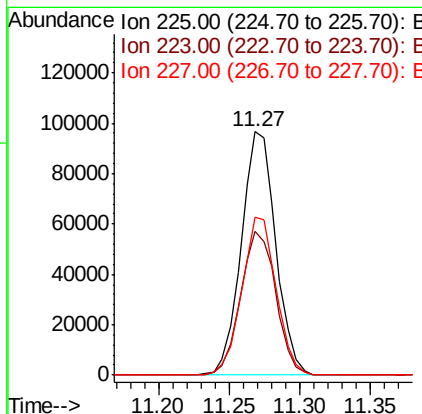
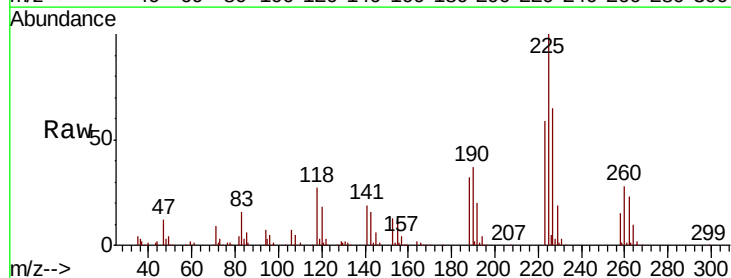
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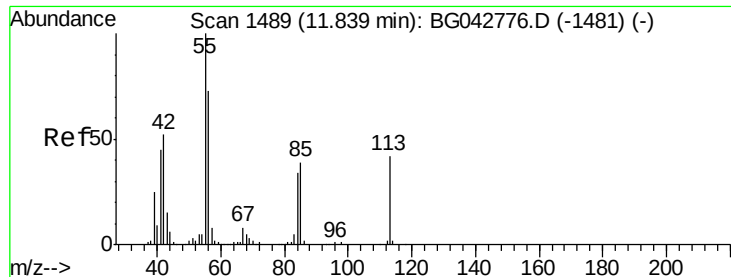
mohammad
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#34
Hexachlorobutadiene
Concen: 37.615 ng
RT: 11.27 min Scan# 1392
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	164935		
223	59.1	52.6	79.0	
227	65.1	53.6	80.4	





#35

Caprolactam

Concen: 51.548 ng/ml

RT: 11.84 min Scan# 1489

Delta R.T. -0.00 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

ClientSampleID :

PB123101BS

Tot Ion:113 Resp: 98260

Ion Ratio Lower Upper

113 100

55 219.6 218.4 258.4

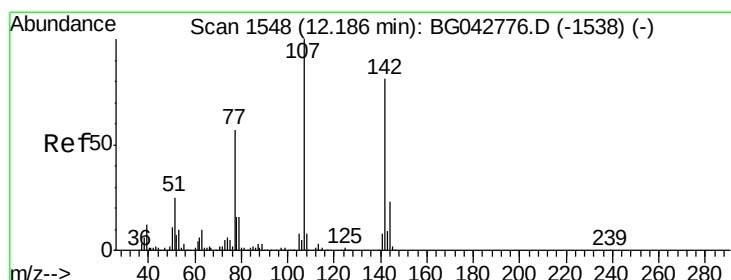
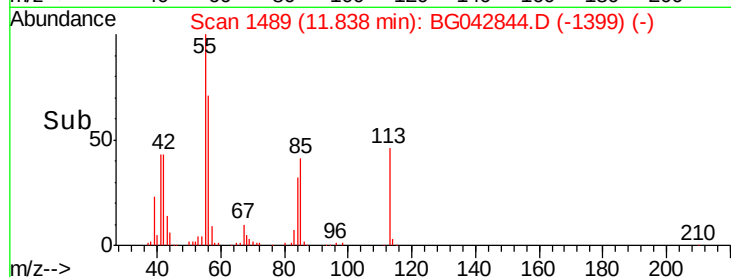
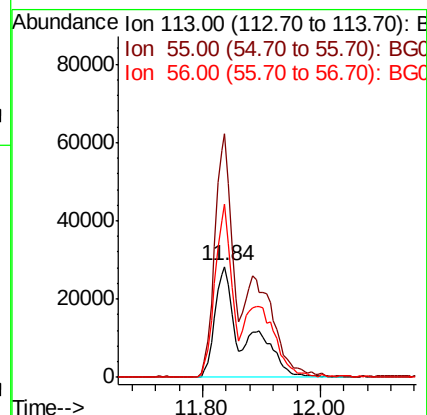
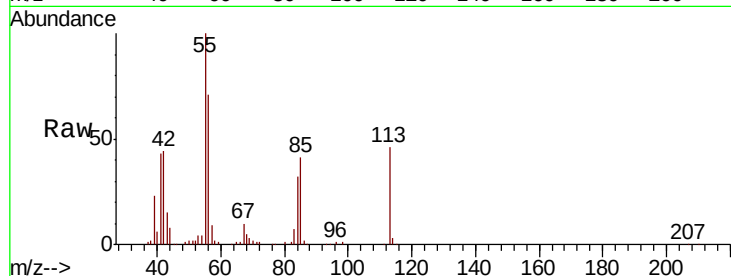
56 156.5 154.8 194.8

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#36

4-Chloro-3-methylphenol

Concen: 49.088 ng/ml

RT: 12.18 min Scan# 1548

Delta R.T. -0.00 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

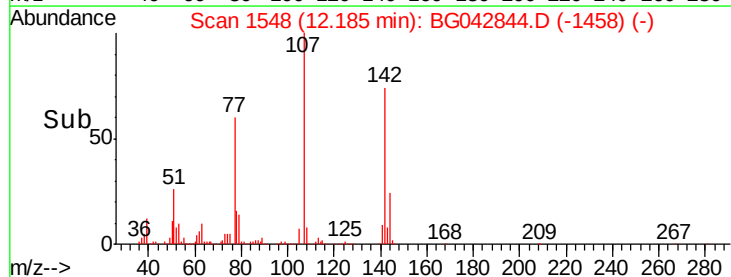
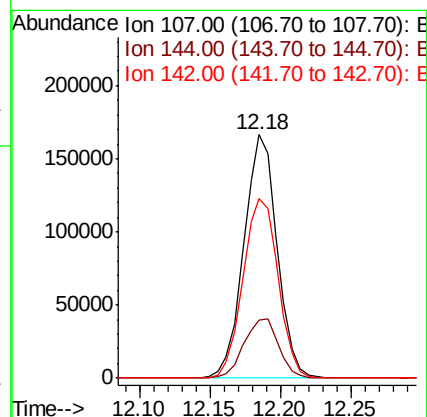
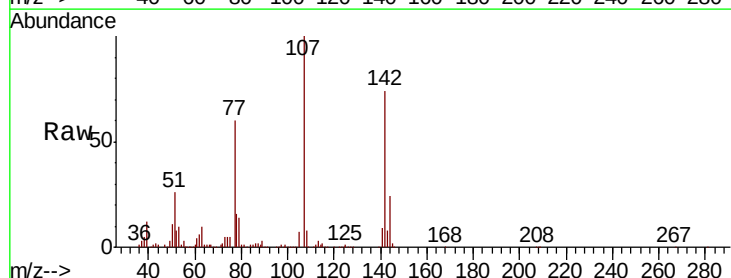
Tgt Ion:107 Resp: 273208

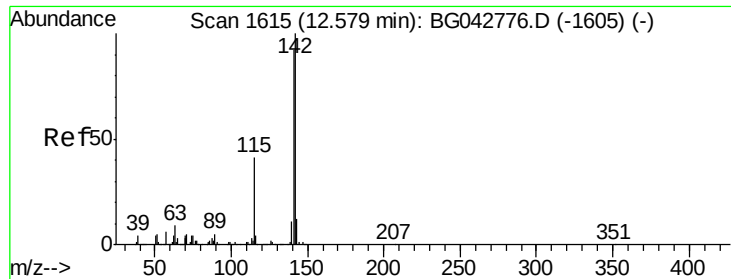
Ion Ratio Lower Upper

107 100

144 24.0 18.7 28.1

142 73.9 65.0 97.4





#37

2-Methylnaphthalene

Concen: 43.254 ng

RT: 12.57 min Scan# 1614

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

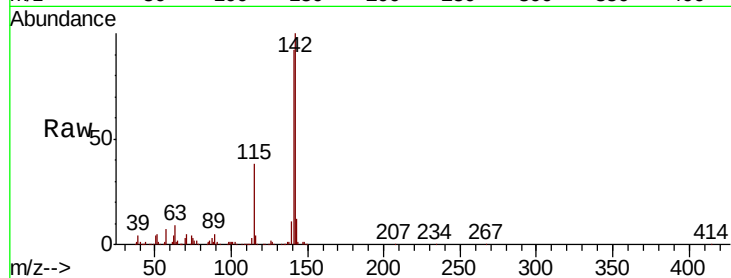
ClientSampleId :

PB123101BS

Tot Ion:	142	Resp:	503187
Ion Ratio	Lower	Upper	
142	100		
141	91.7	73.8	110.8
115	38.2	33.0	49.4

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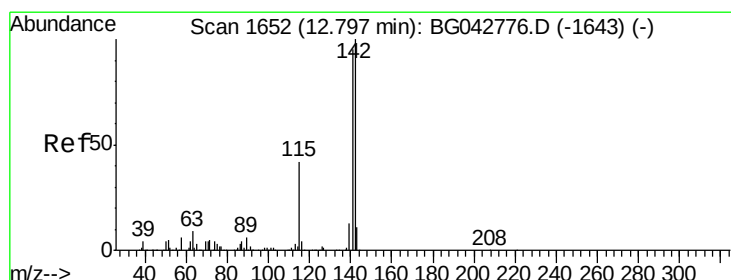
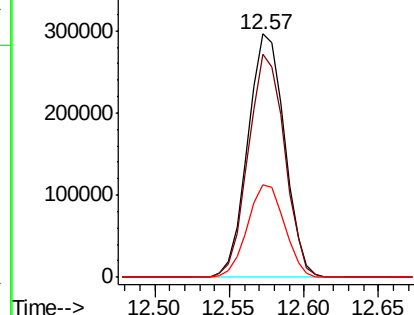
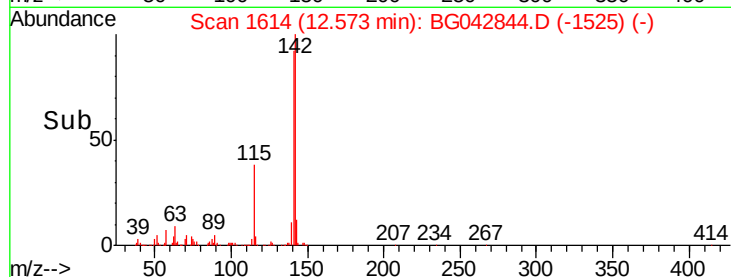


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 43.400 ng

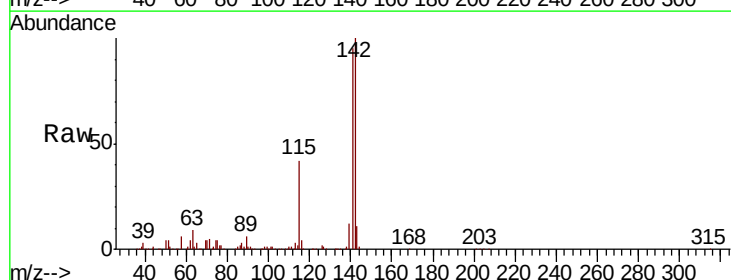
RT: 12.79 min Scan# 1651

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Tgt Ion:	142	Resp:	473531
Ion Ratio	Lower	Upper	
142	100		
141	94.9	76.3	114.5
116	4.4	3.4	5.0

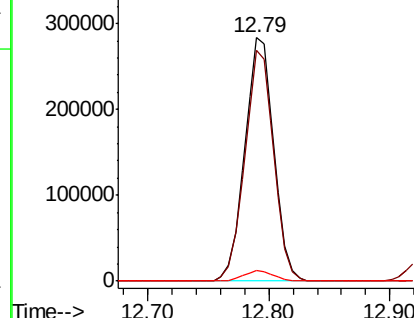
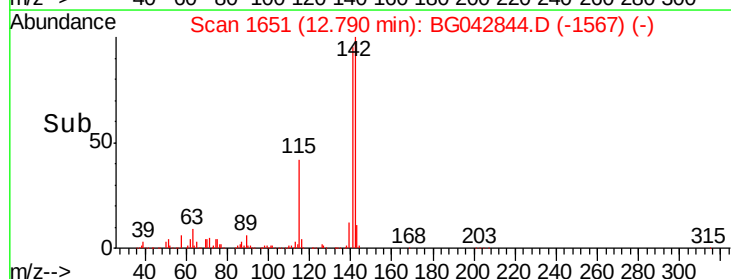


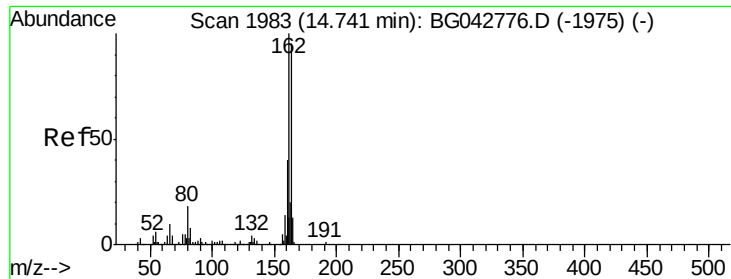
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1982

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

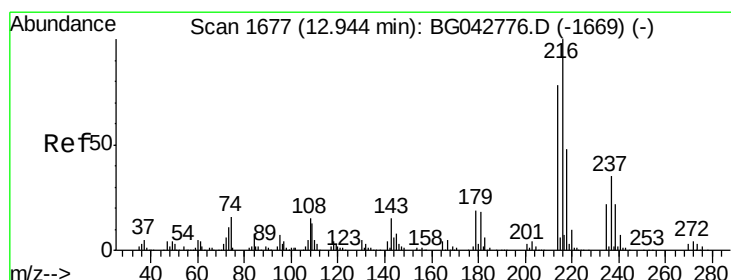
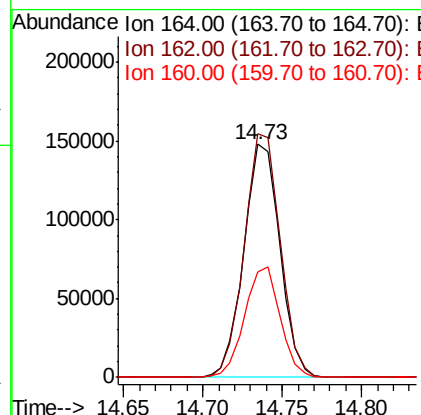
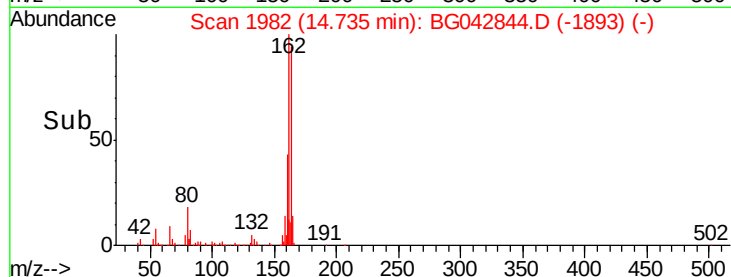
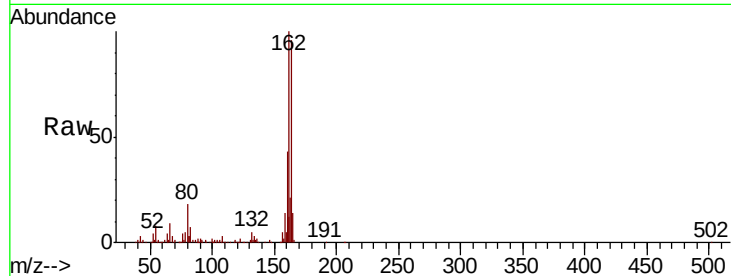
ClientSampleId :

PB123101BS

Tot Ion:	164	Resp:	234295
Ion Ratio	Lower	Upper	
164	100		
162	104.5	84.6	126.8
160	45.5	34.2	51.2

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#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.592 ng

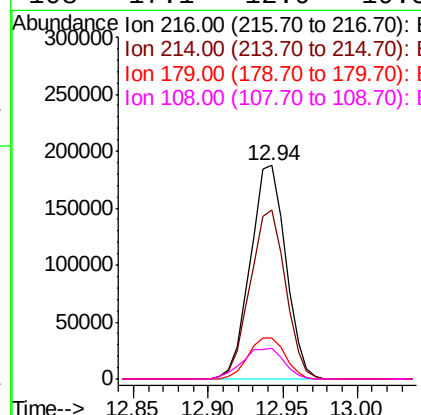
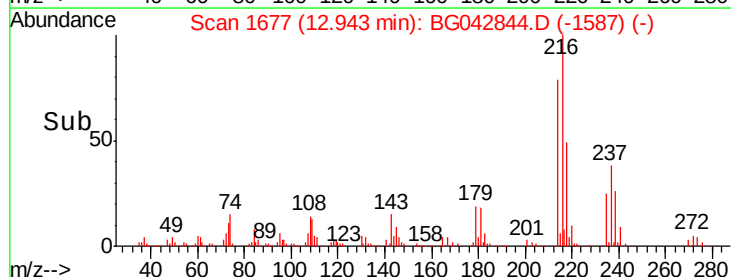
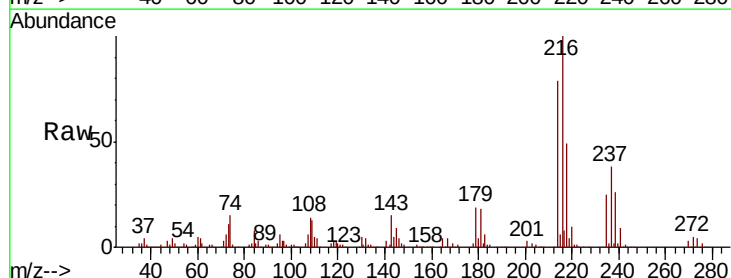
RT: 12.94 min Scan# 1677

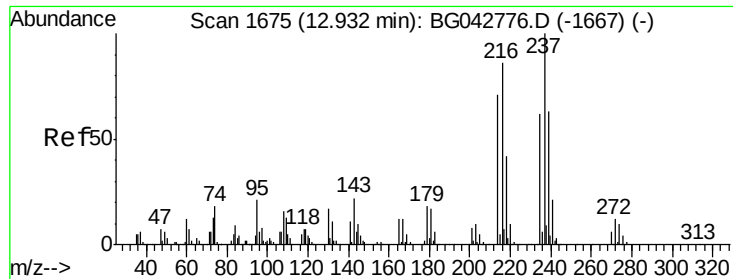
Delta R.T. -0.00 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Tgt Ion:	216	Resp:	306529
Ion Ratio	Lower	Upper	
216	100		
214	79.3	62.8	94.2
179	20.0	15.3	22.9
108	17.1	12.9	19.3





#41

Hexachlorocyclopentadiene

Concen: 83.041 ng

RT: 12.93 min Scan# 1674

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

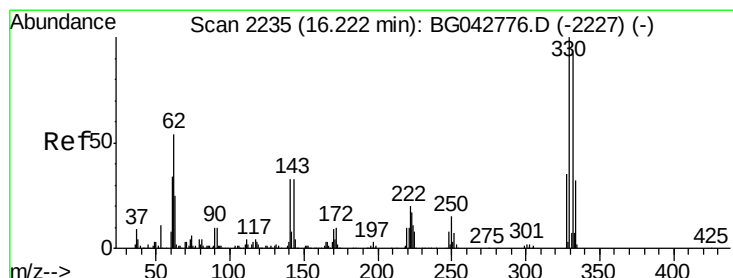
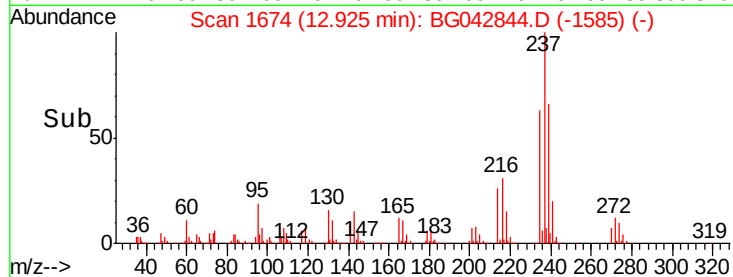
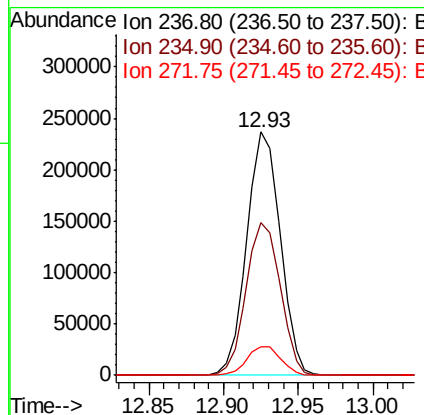
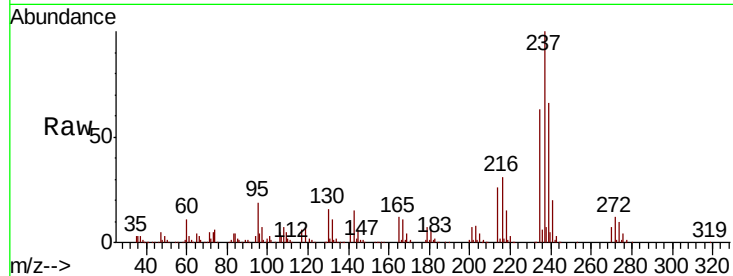
ClientSampleId :

PB123101BS

Tot Ion:	237	Resp:	368308
Ion Ratio	Lower	Upper	
237	100		
235	62.7	41.9	81.9
272	12.0	0.0	31.6

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 125.219 ng

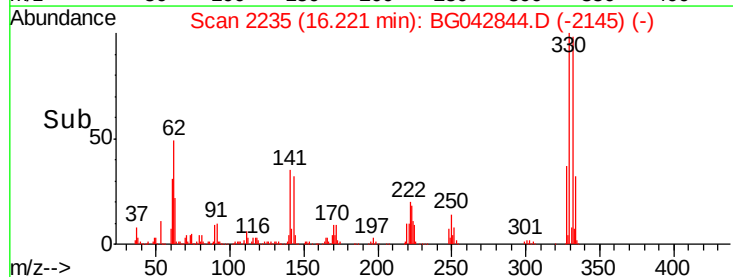
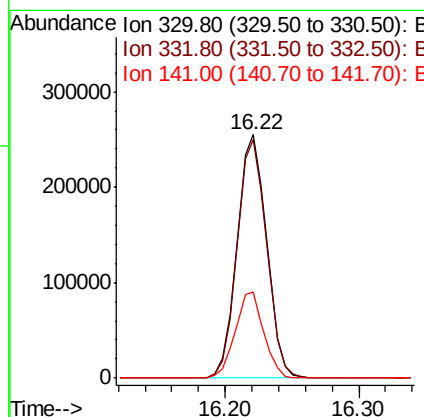
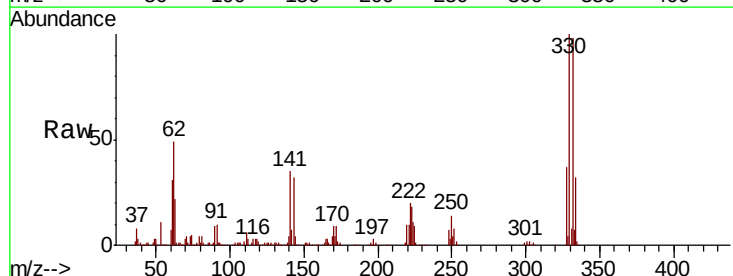
RT: 16.22 min Scan# 2235

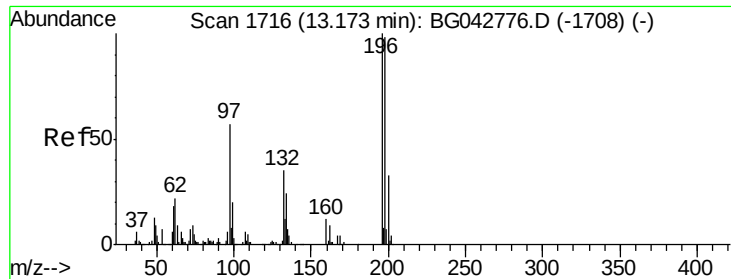
Delta R.T. -0.00 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Tgt Ion:	330	Resp:	390322
Ion Ratio	Lower	Upper	
330	100		
332	97.7	76.7	115.1
141	34.5	27.0	40.6





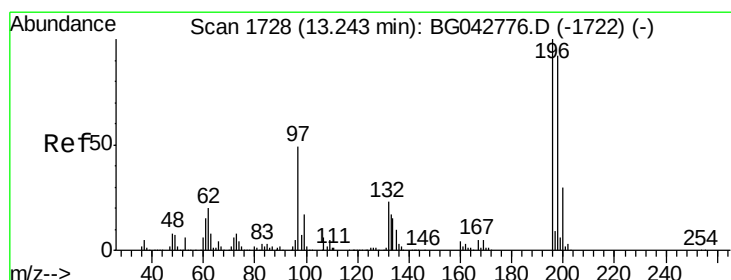
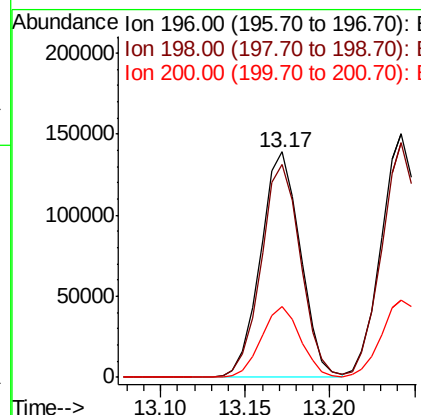
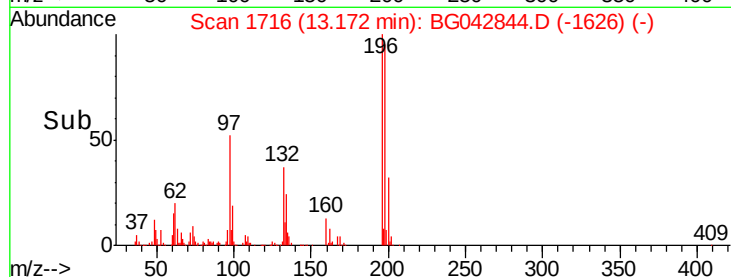
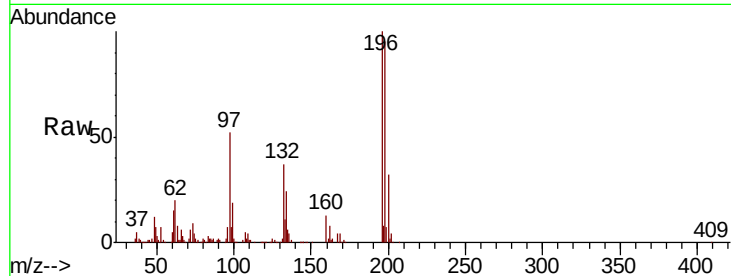
#43
 2,4,6-Trichlorophenol
 Concen: 43.977 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

Instrument :
 BNA_G
 ClientSampleId :
 PB123101BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	226673		
198	94.7	78.8	118.2	
200	31.6	26.2	39.4	

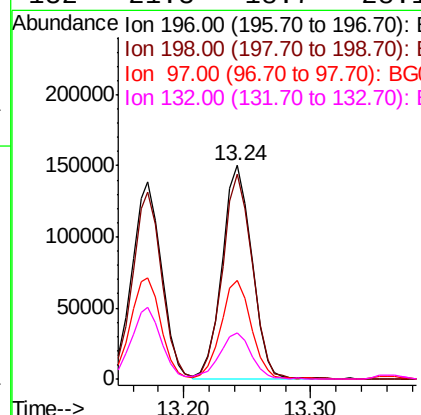
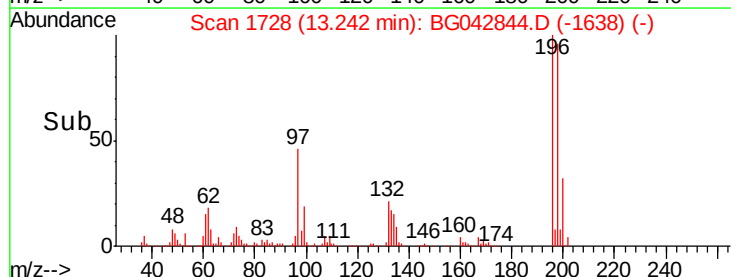
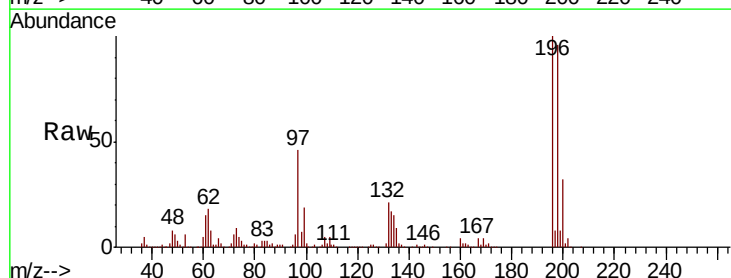
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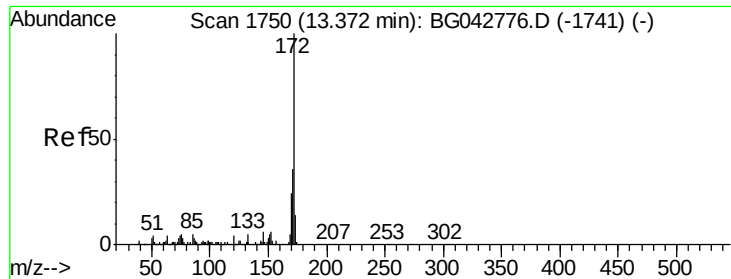
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#44
 2,4,5-Trichlorophenol
 Concen: 46.340 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	244657		
198	96.2	73.4	110.0	
97	45.9	39.2	58.8	
132	21.3	18.7	28.1	





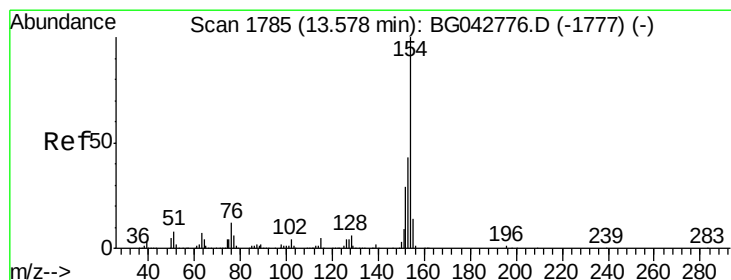
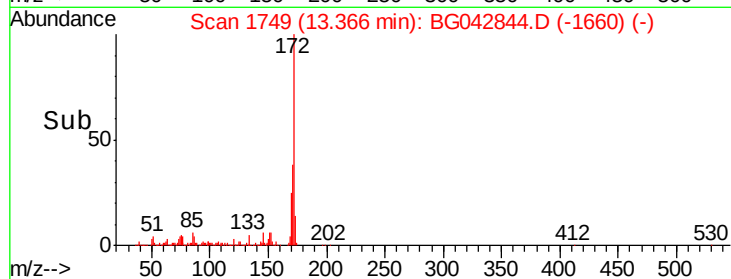
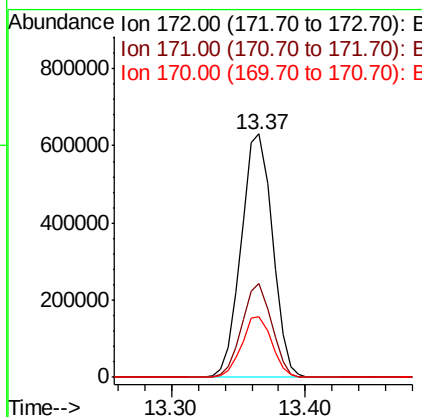
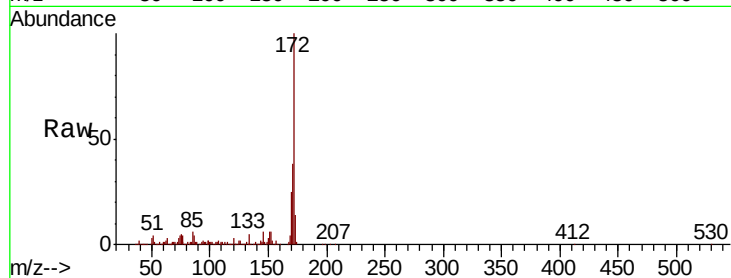
#45
2-Fluorobiphenyl
Concen: 69.120 ng
RT: 13.37 min Scan# 1749
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Instrument :
BNA_G
ClientSampleId :
PB123101BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.5	28.9	43.3
170	25.0	19.1	28.7

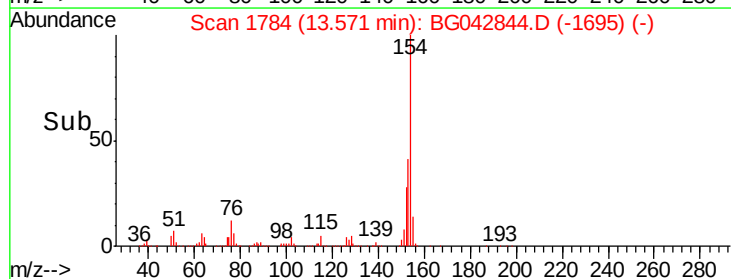
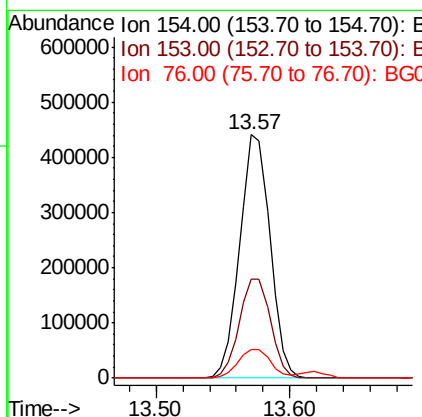
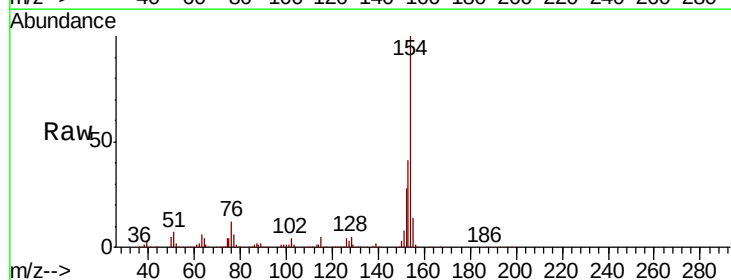
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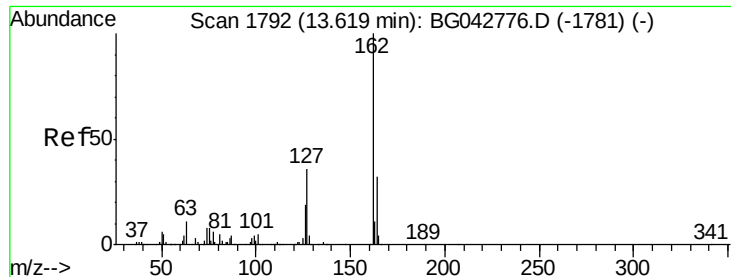
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#46
1,1'-Biphenyl
Concen: 42.159 ng
RT: 13.57 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	22.6	62.6
76	11.8	0.0	32.2





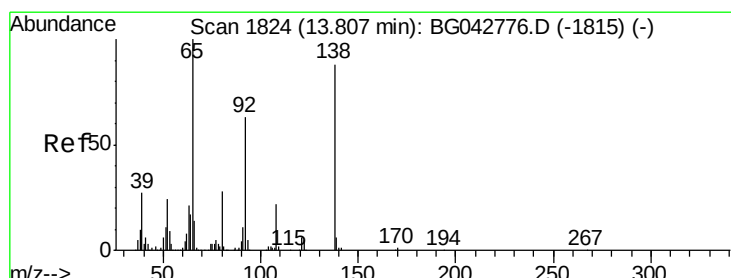
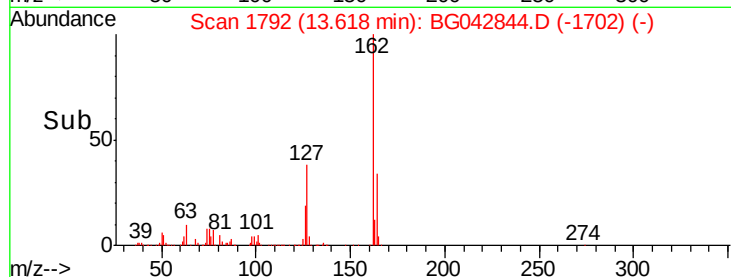
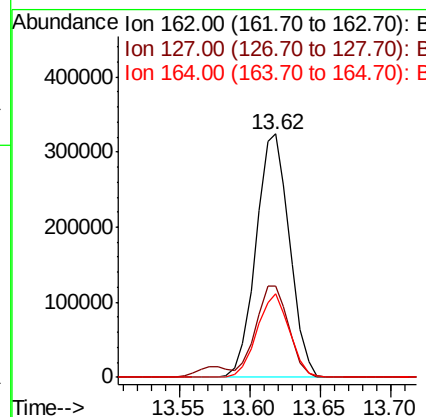
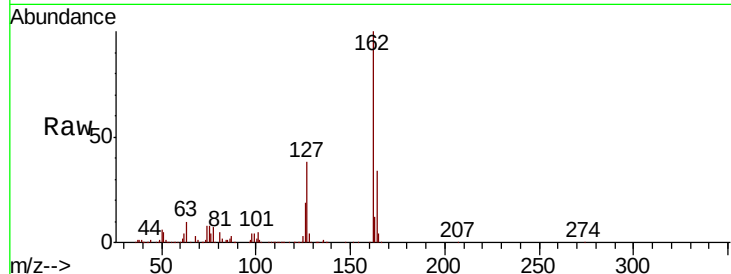
#47
2-Chloronaphthalene
Concen: 39.789 ng
RT: 13.62 min Scan# 1792
Delta R.T. -0.00 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Instrument :
BNA_G
ClientSampleId :
PB123101BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	37.6	29.3	43.9
164	34.1	26.0	39.0

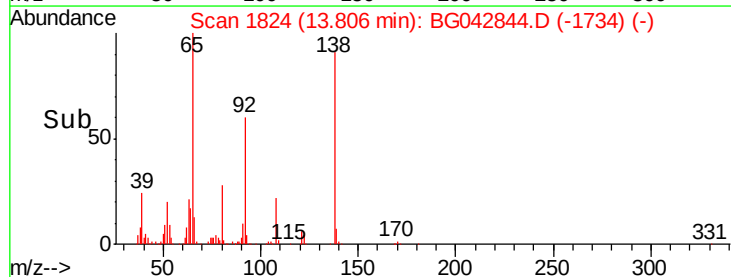
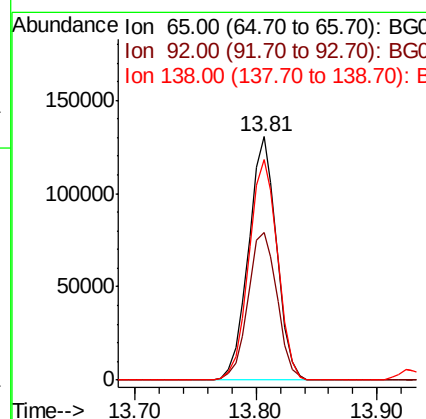
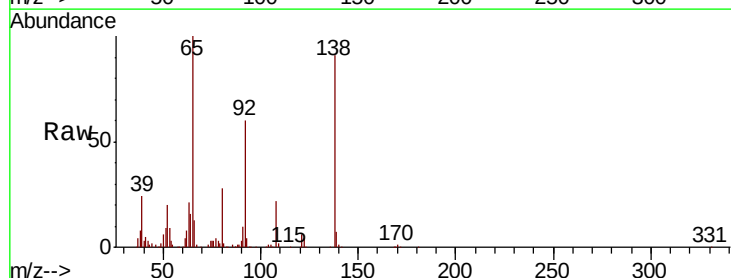
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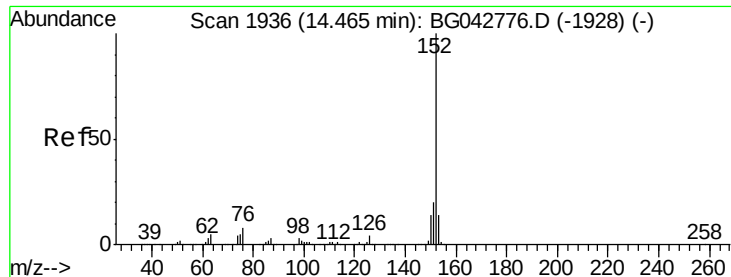
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#48
2-Nitroaniline
Concen: 44.840 ng
RT: 13.81 min Scan# 1824
Delta R.T. -0.00 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.4	50.4	75.6
138	90.8	70.6	106.0





#49

Acenaphthylene

Concen: 42.881 ng

RT: 14.46 min Scan# 1935

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

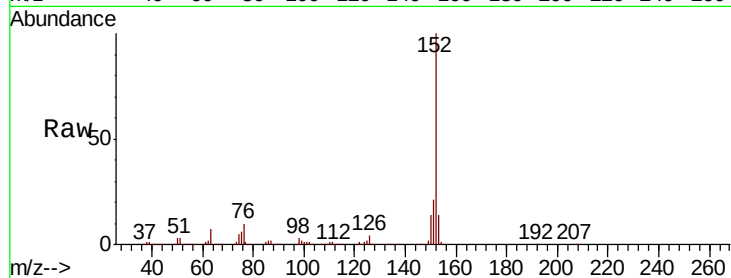
ClientSampleId :

PB123101BS

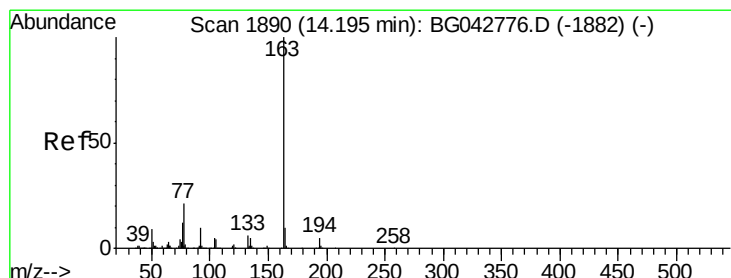
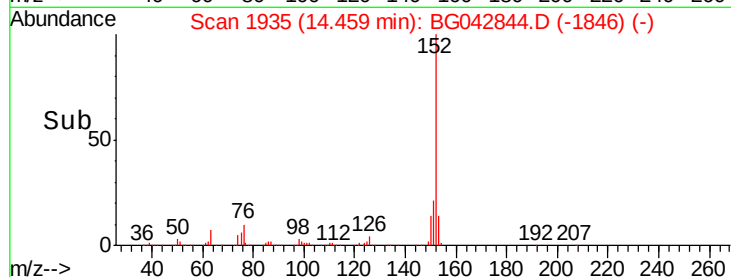
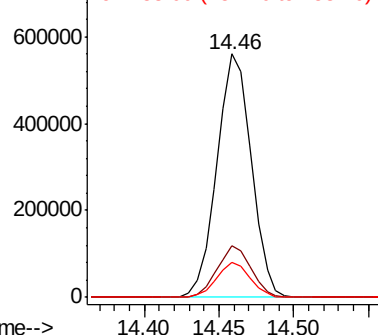
Tot Ion:	152	Resp:	889114
Ion Ratio	Lower	Upper	
152	100		
151	20.9	16.0	24.0
153	14.2	11.4	17.0

Manual Integrations
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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: 42.448 ng

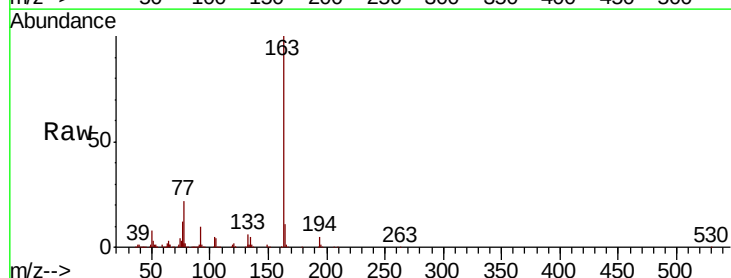
RT: 14.19 min Scan# 1889

Delta R.T. -0.01 min

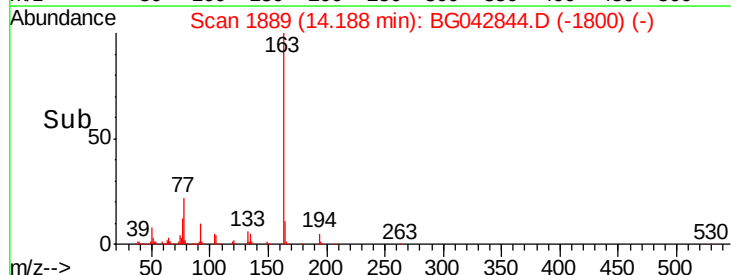
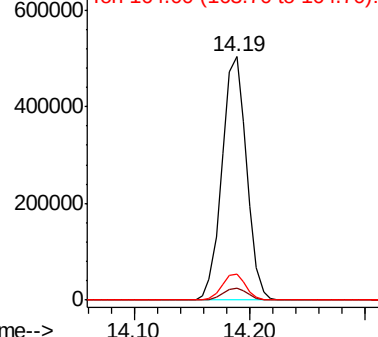
Lab File: BG042844.D

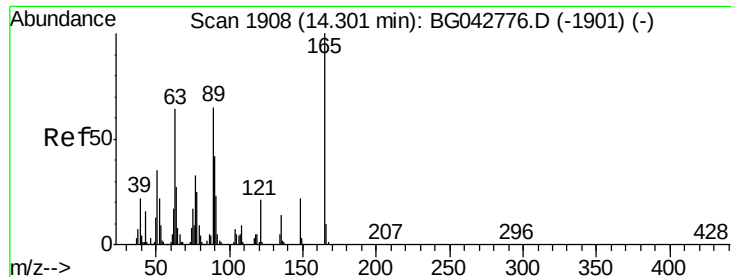
Acq: 16 Sep 2019 11:30

Tgt Ion:	163	Resp:	745035
Ion Ratio	Lower	Upper	
163	100		
194	5.0	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





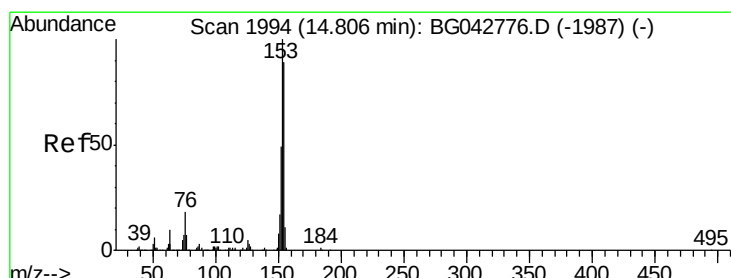
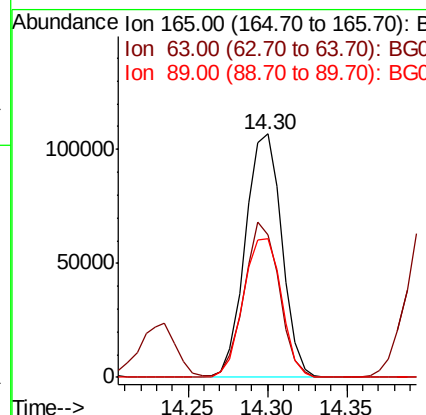
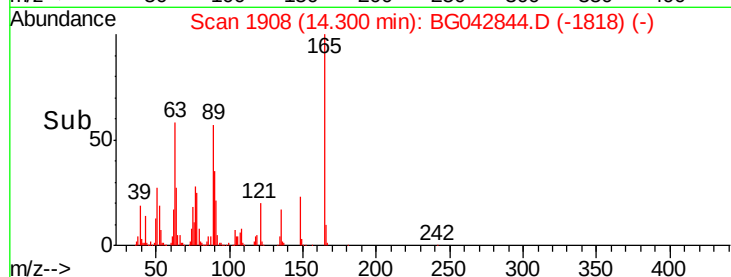
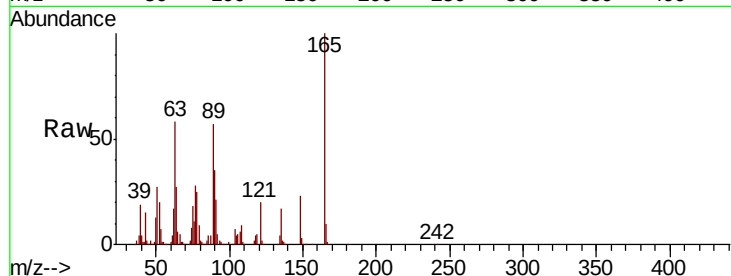
#51
 2,6-Dinitrotoluene
 Concen: 47.392 ng
 RT: 14.30 min Scan# 1908
 Delta R.T. -0.00 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

Instrument :
 BNA_G
 ClientSampleId :
 PB123101BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	58.3	52.1	78.1
89	56.7	51.7	77.5

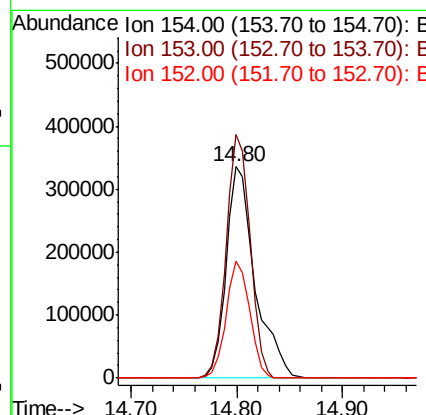
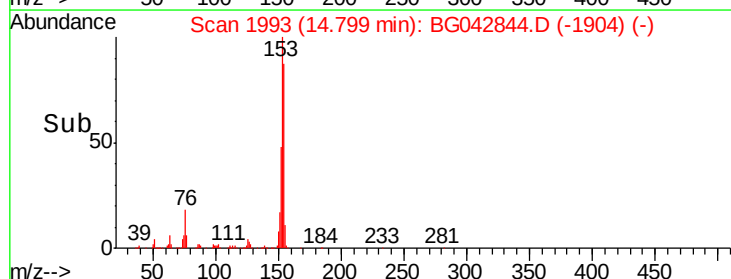
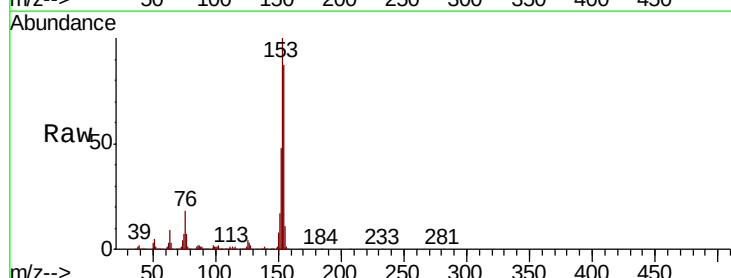
Manual Integrations
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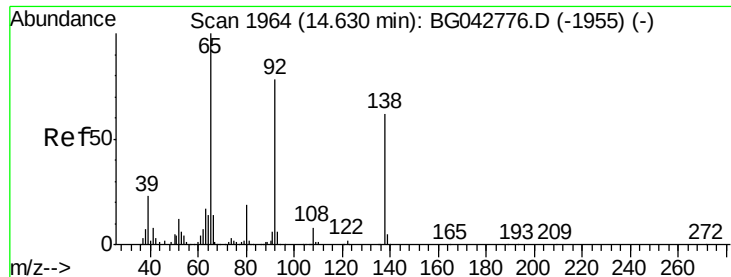
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#52
 Acenaphthene
 Concen: 47.025 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	115.4	89.4	134.2
152	55.7	43.5	65.3





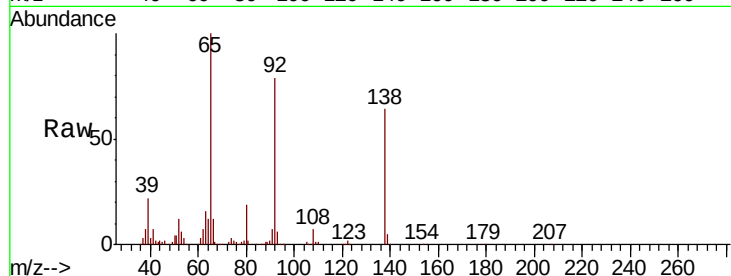
#53
3-Nitroaniline
Concen: 33.539 ng
RT: 14.62 min Scan# 1963
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Instrument :
BNA_G
ClientSampleId :
PB123101BS

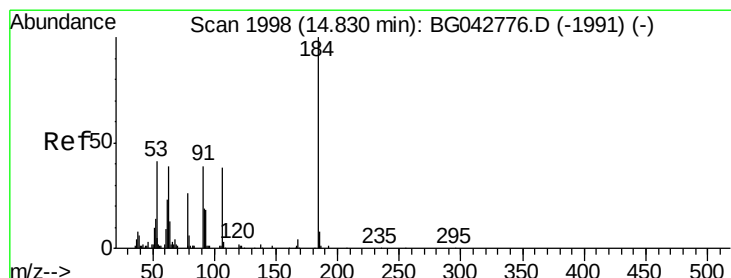
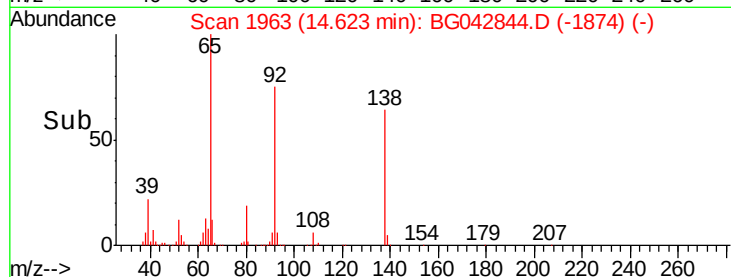
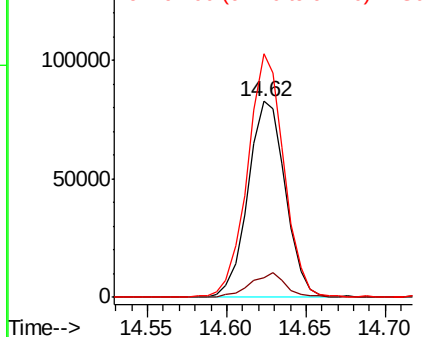
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	10.7	16.1#
92	124.3	100.5	150.7

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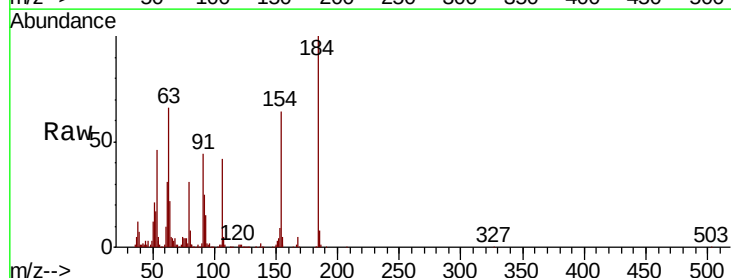


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

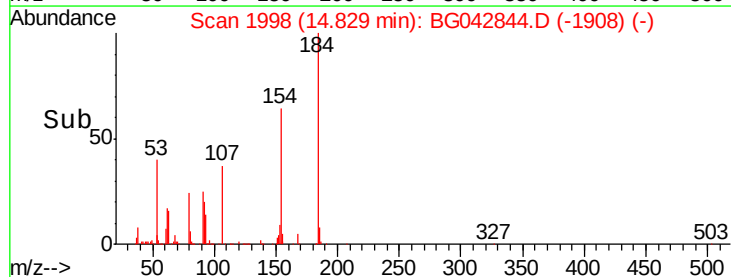
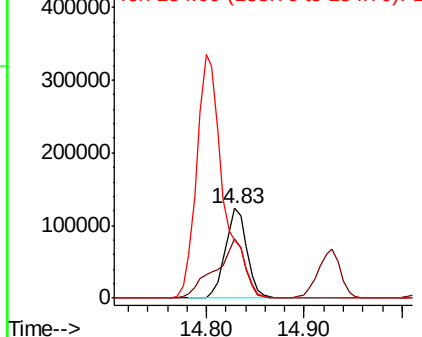


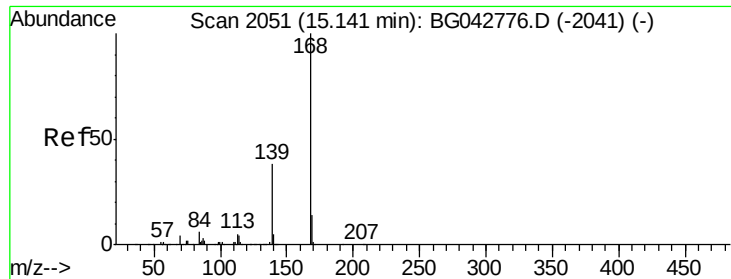
#54
2,4-Dinitrophenol
Concen: 107.392 ng
RT: 14.83 min Scan# 1998
Delta R.T. -0.00 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	65.8	46.2	69.4
154	64.0	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





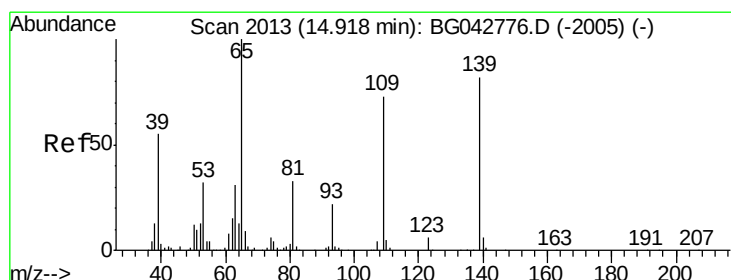
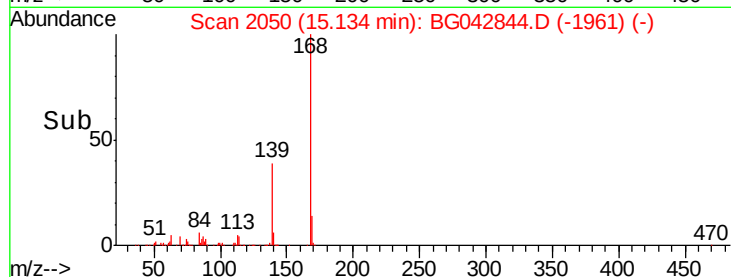
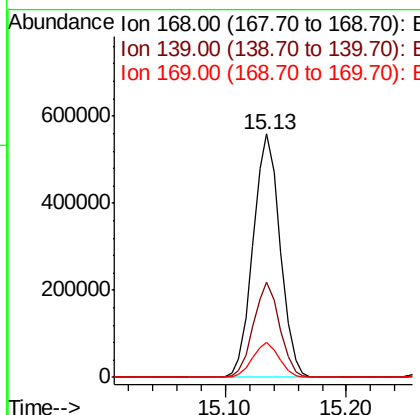
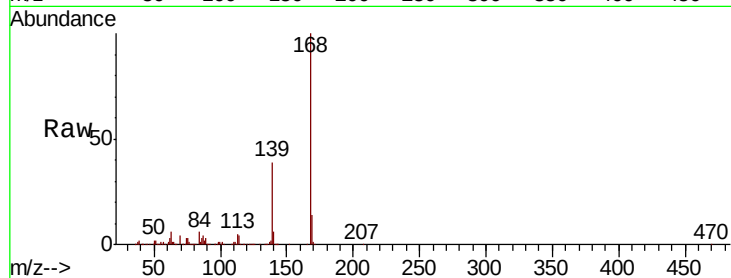
#55
Dibenzenofuran
Concen: 43.122 ng
RT: 15.13 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Instrument :
BNA_G
ClientSampleId :
PB123101BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.3	30.2	45.4
169	14.1	11.2	16.8

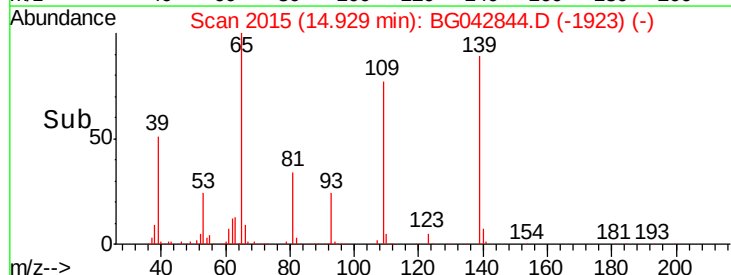
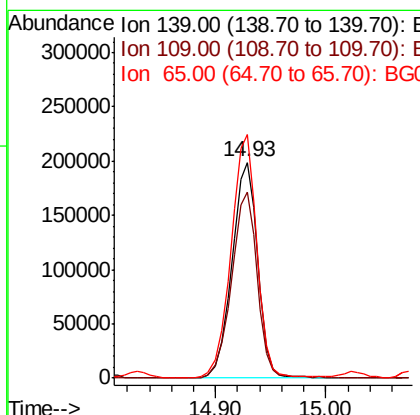
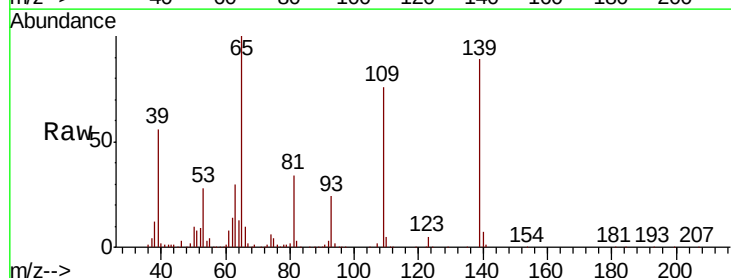
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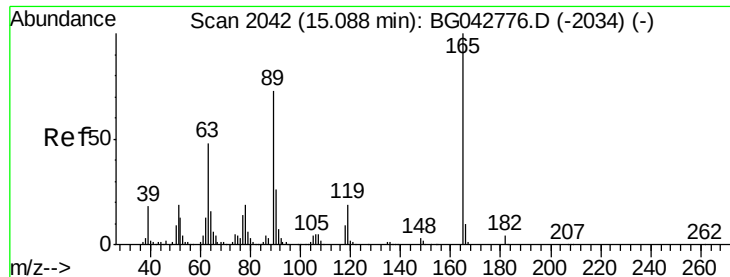
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#56
4-Nitrophenol
Concen: 103.461 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
139	100		
109	86.3	69.4	109.4
65	113.0	102.5	142.5





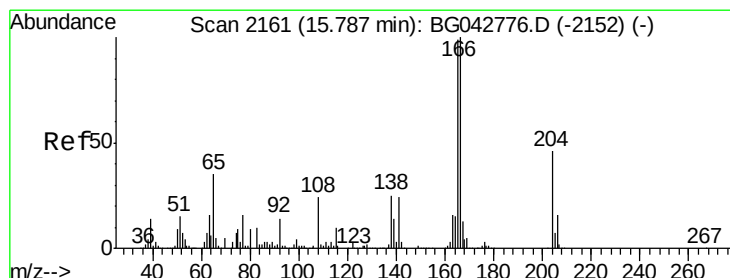
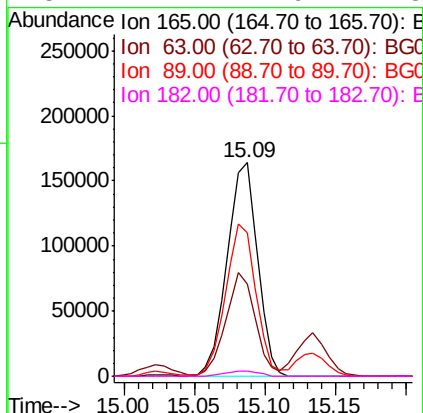
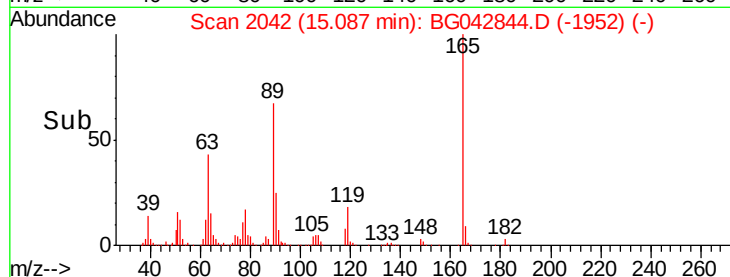
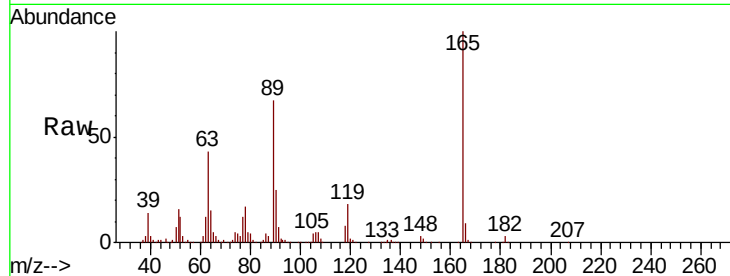
#57
 2,4-Dinitrotoluene
 Concen: 51.367 ng
 RT: 15.09 min Scan# 2042
 Delta R.T. -0.00 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

Instrument :
 BNA_G
 ClientSampleId :
 PB123101BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		246584		
63	43.0	38.3	57.5		
89	67.1	58.4	87.6		
182	2.7	2.9	4.3#		

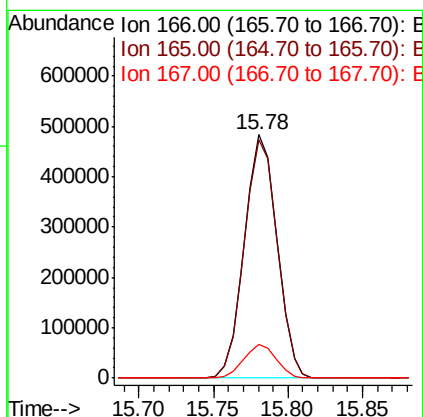
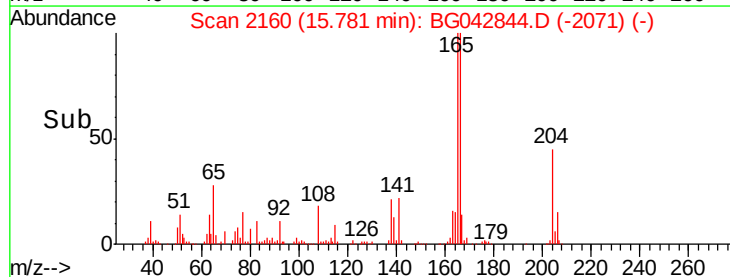
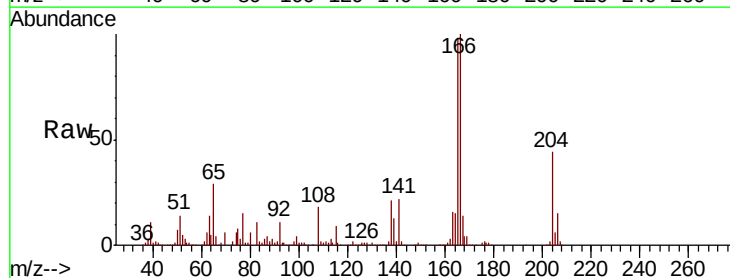
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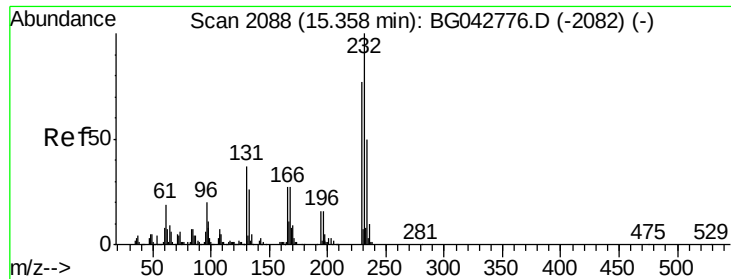
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#58
 Fluorene
 Concen: 43.835 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.01 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		731459		
165	98.0	79.1	118.7		
167	14.0	10.7	16.1		





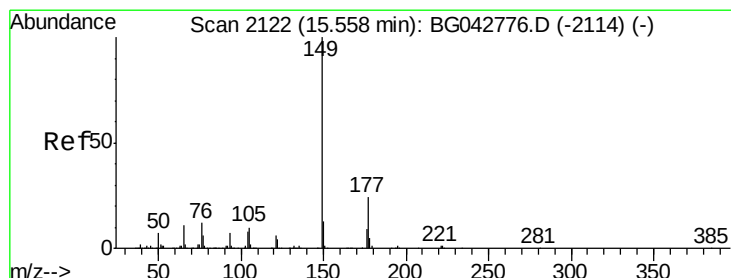
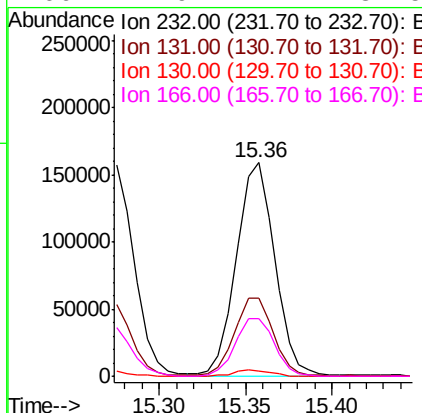
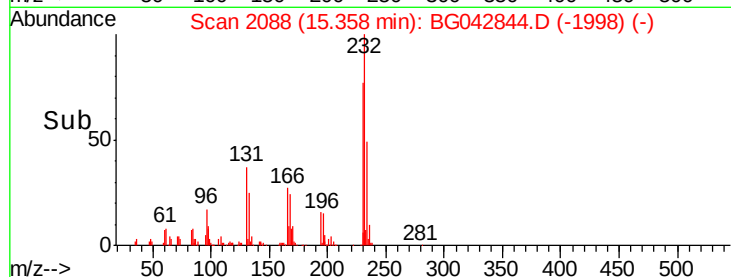
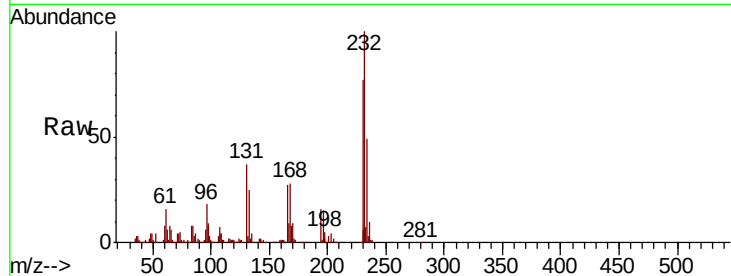
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.232 ng/ml
 RT: 15.36 min Scan# 2088
 Delta R.T. -0.00 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

Instrument :
 BNA_G
 ClientSampleId :
 PB123101BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	246850		
131	33.7		31.1	46.7
130	2.1		1.8	2.6
166	21.9		21.7	32.5

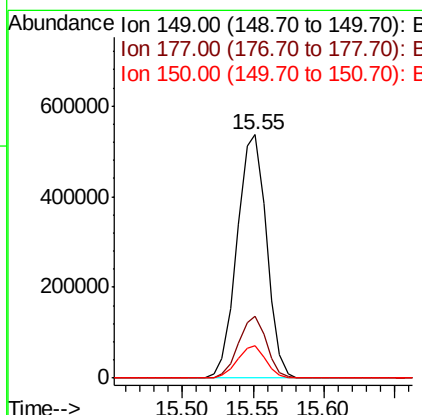
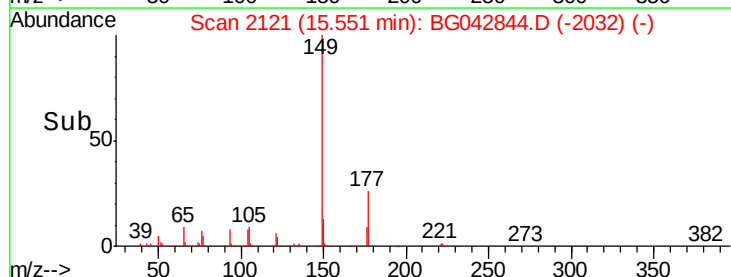
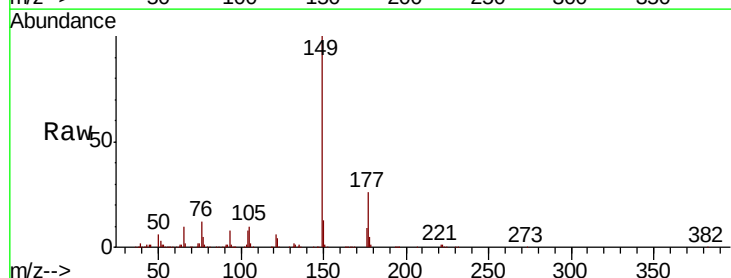
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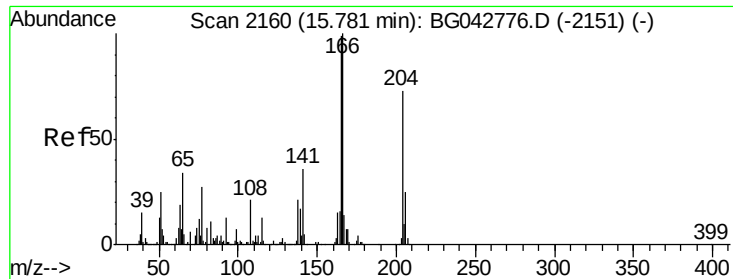
mohammad
 9/17/2019 1:26:34 PM



#60
 Diethylphthalate
 Concen: 43.808 ng/ml
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	780492		
177	25.5		19.4	29.0
150	13.3		10.2	15.4





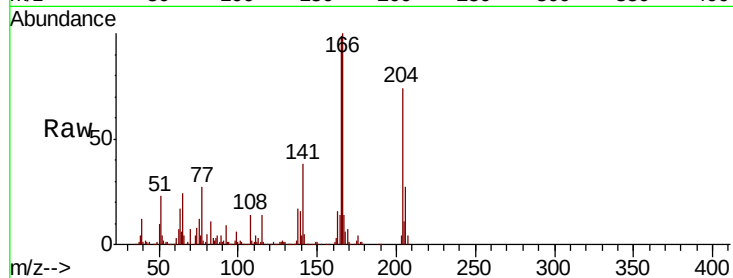
#61
4-Chlorophenyl-phenylether
Concen: 42.456 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Instrument :
BNA_G
ClientSampleId :
PB123101BS

Tot Ion	Ratio	Resp	Lower	Upper
204	100	418883		
206	37.0		27.6	41.4
141	51.2		39.8	59.6

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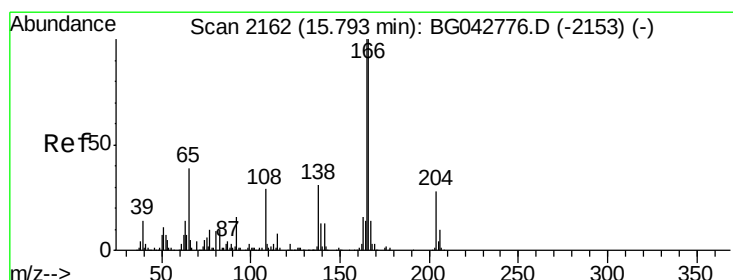
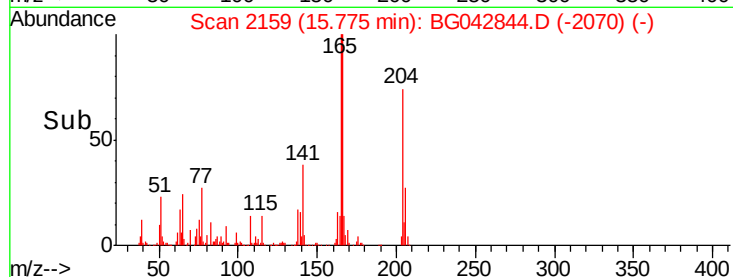
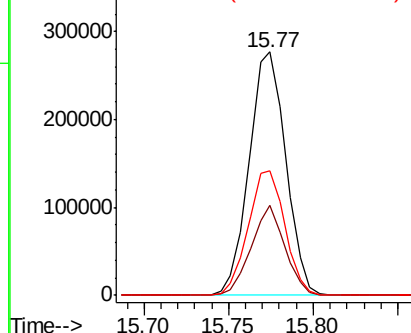


Abundance

Ion 204.00 (203.70 to 204.70): E

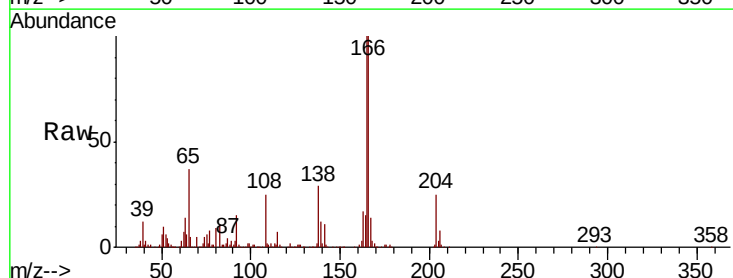
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 48.031 ng
RT: 15.79 min Scan# 2161
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	209263		
92	53.8		31.4	71.4
108	88.6		74.8	114.8

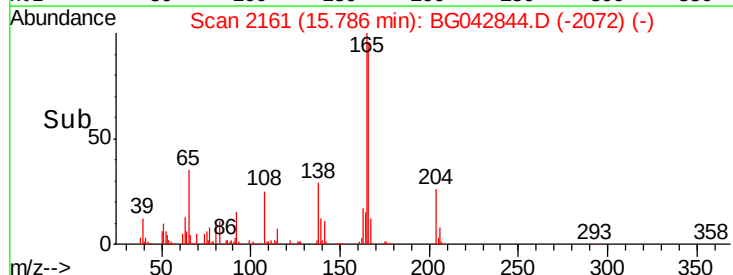
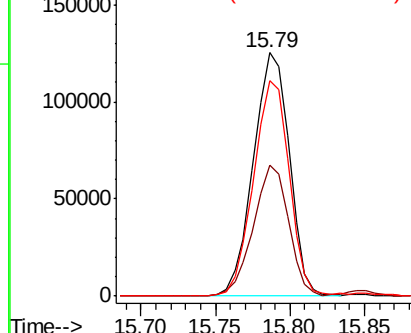


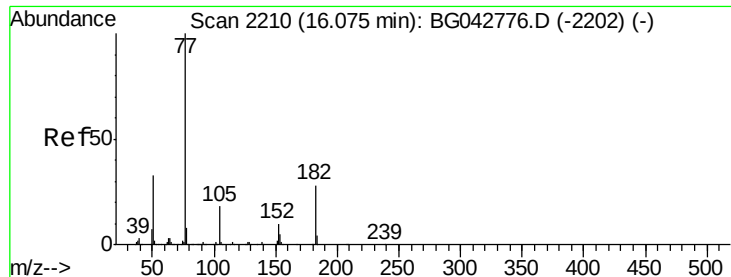
Abundance

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: 43.628 ng

RT: 16.07 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

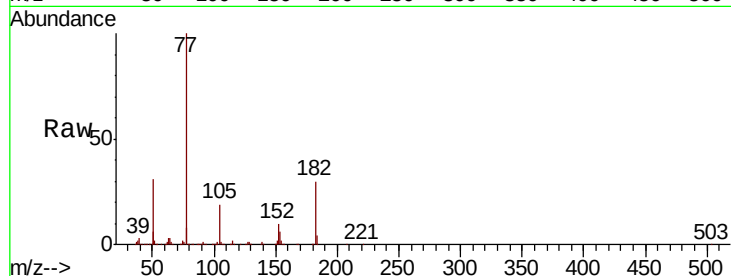
ClientSampleId :

PB123101BS

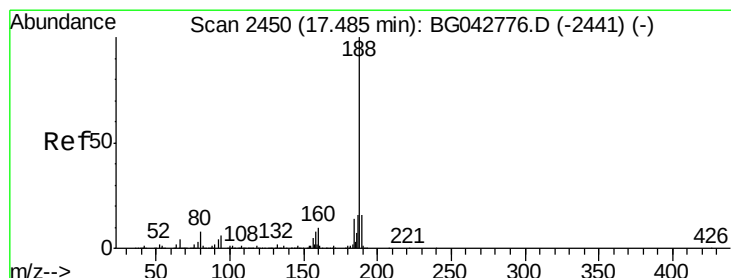
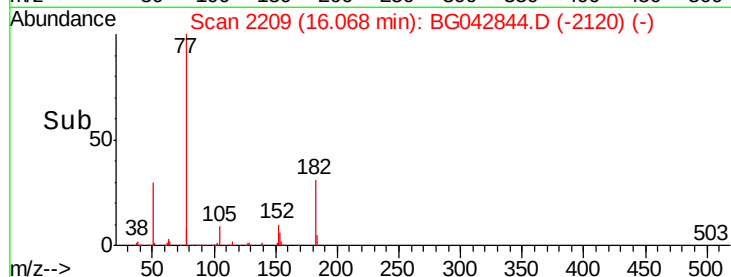
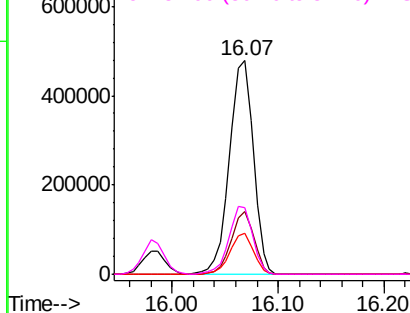
Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	29.6	8.1	48.1		
105	19.4	0.0	38.1		
51	31.4	12.9	52.9		

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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

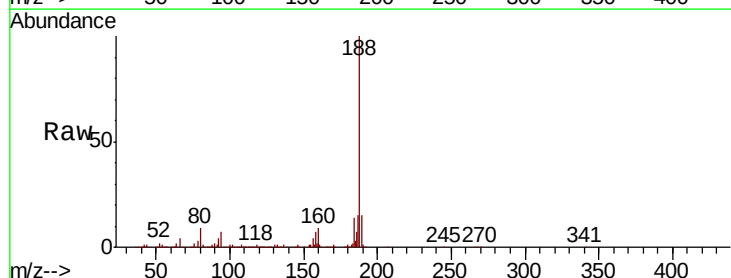
RT: 17.48 min Scan# 2449

Delta R.T. -0.01 min

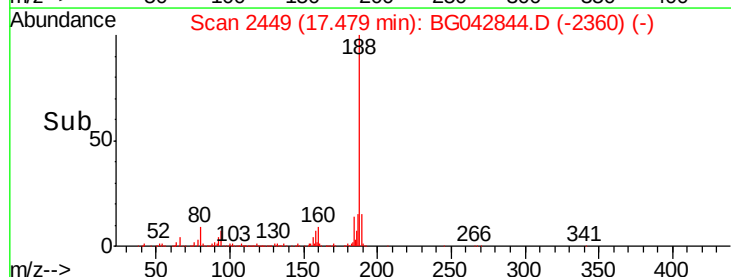
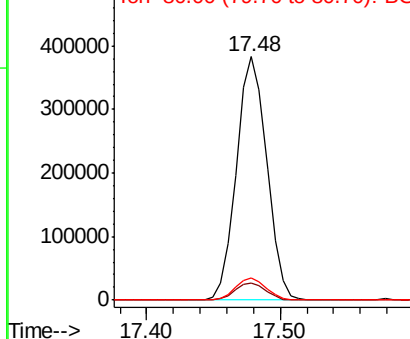
Lab File: BG042844.D

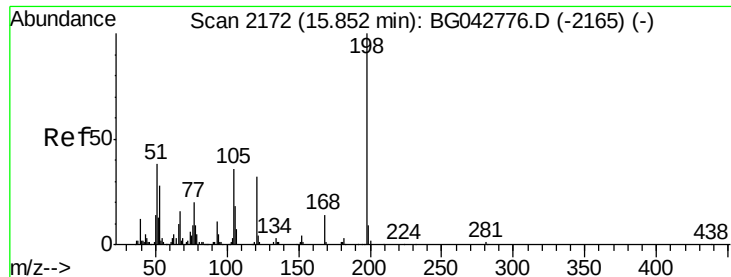
Acq: 16 Sep 2019 11:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	7.1	4.8	7.2		
80	8.9	6.6	9.8		



Abundance Ion 188.00 (187.70 to 188.70): BGC
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC





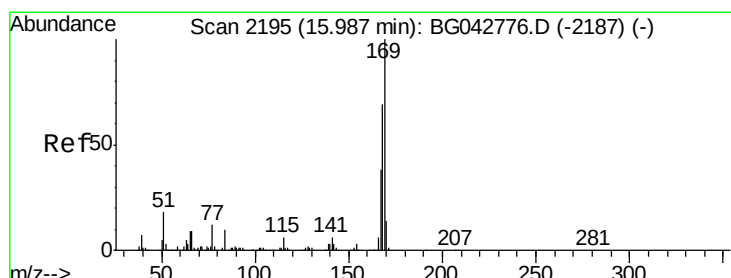
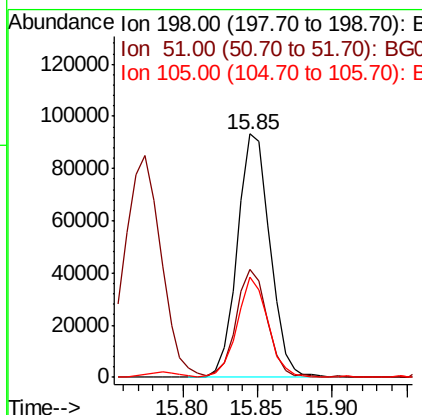
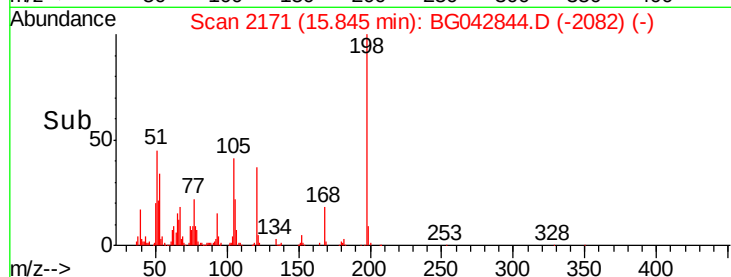
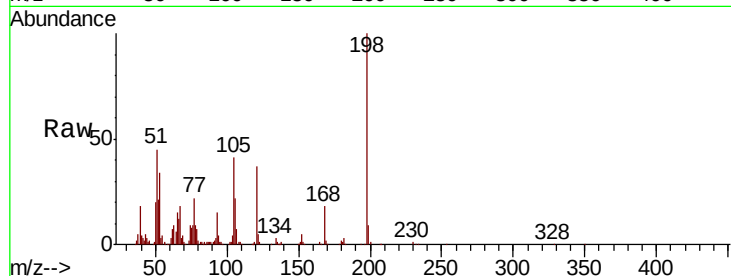
#65
 4,6-Dinitro-2-methylphenol
 Concen: 54.852 ng
 RT: 15.85 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

Instrument :
 BNA_G
 ClientSampleId :
 PB123101BS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	141630		
51	44.5	20.9	60.9	
105	41.3	16.4	56.4	

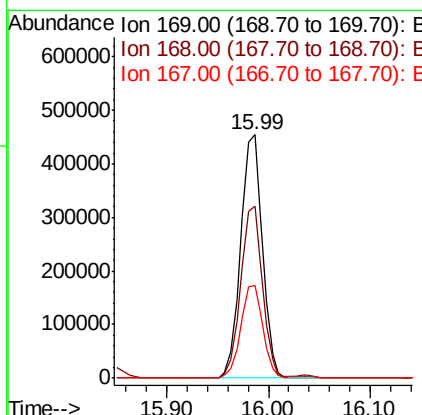
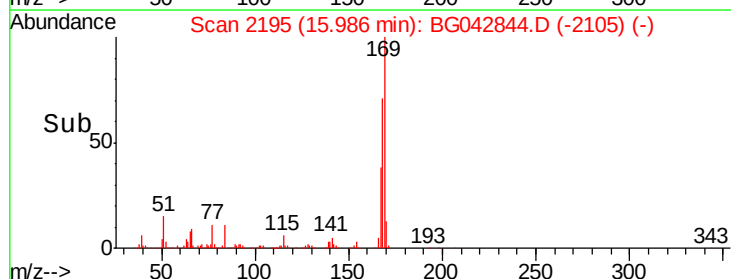
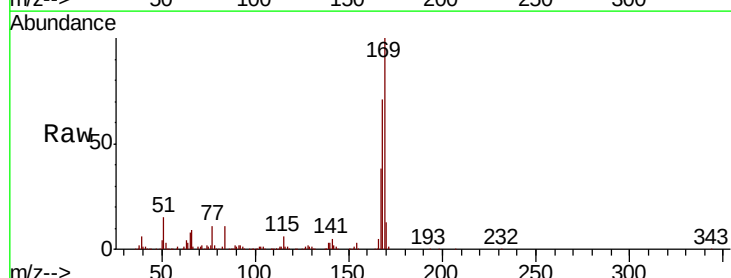
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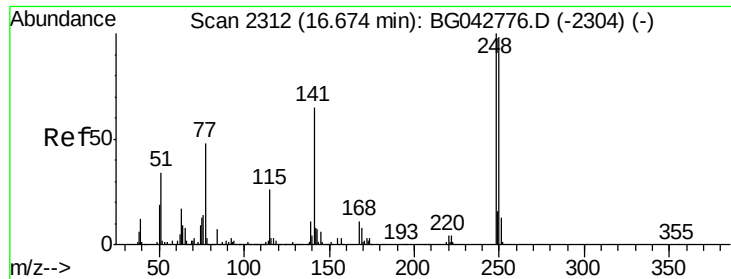
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#66
 n-Nitrosodiphenylamine
 Concen: 41.535 ng
 RT: 15.99 min Scan# 2195
 Delta R.T. -0.00 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	674448		
168	70.8	55.4	83.2	
167	38.2	30.4	45.6	





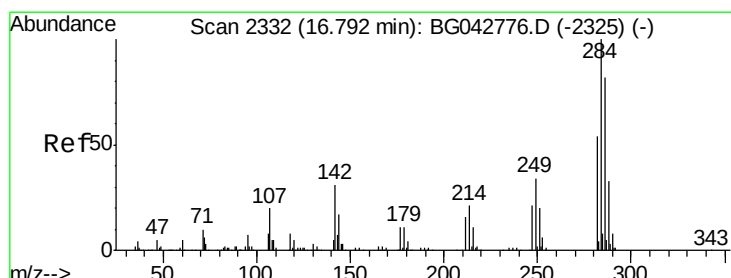
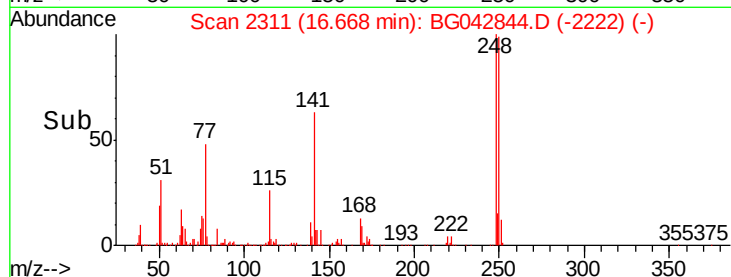
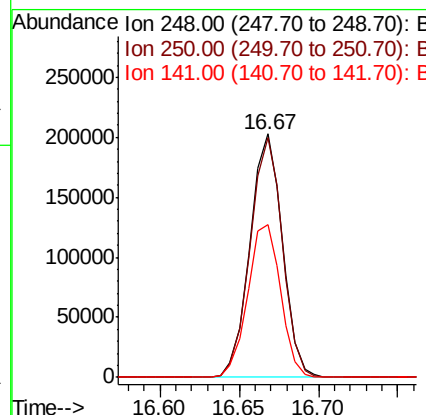
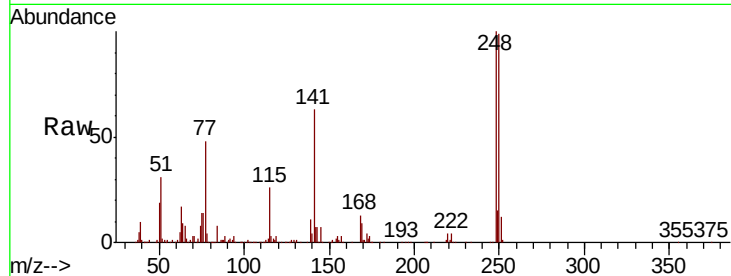
#67
4-Bromophenyl-phenylether
Concen: 39.391 ng
RT: 16.67 min Scan# 2311
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Instrument :
BNA_G
ClientSampled :
PB123101BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.5	78.0	117.0
141	62.8	51.8	77.6

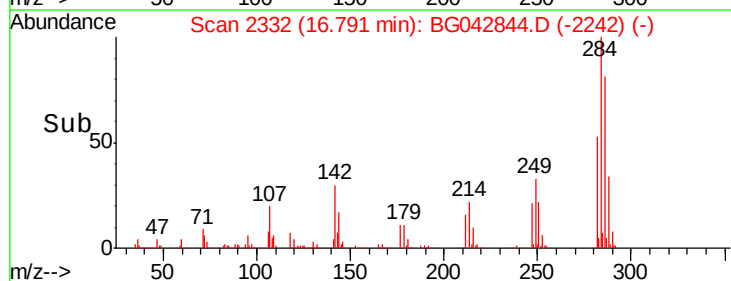
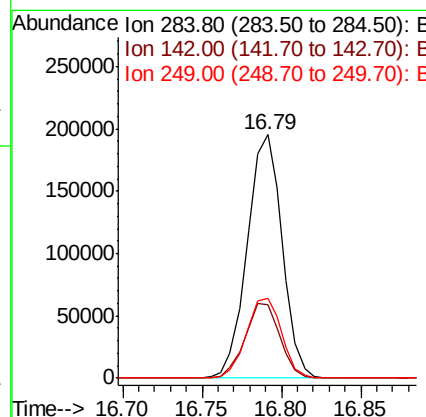
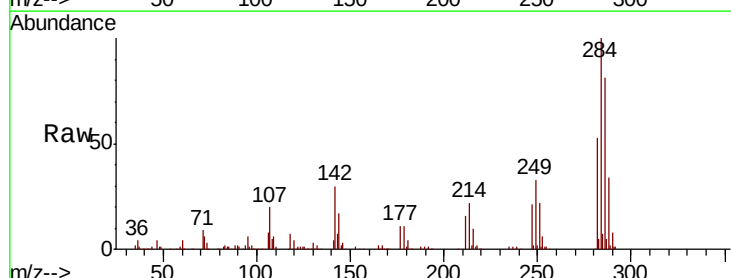
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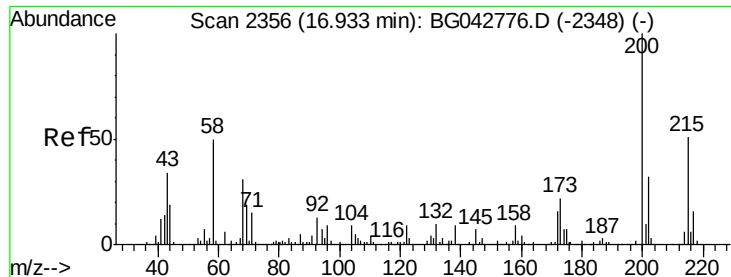
mohammad
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#68
Hexachlorobenzene
Concen: 38.178 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.00 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.4	24.7	37.1
249	32.5	27.0	40.4





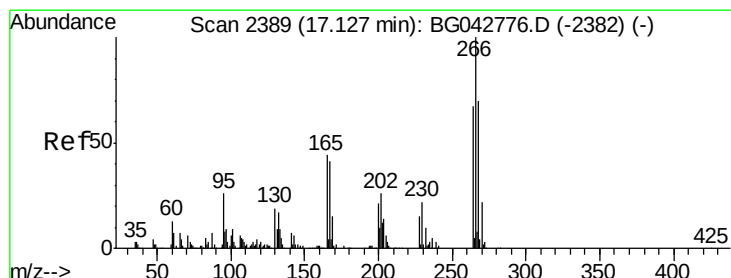
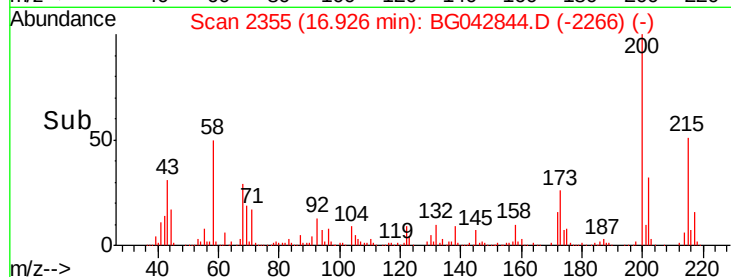
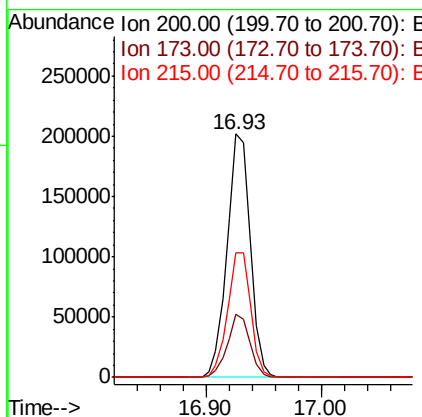
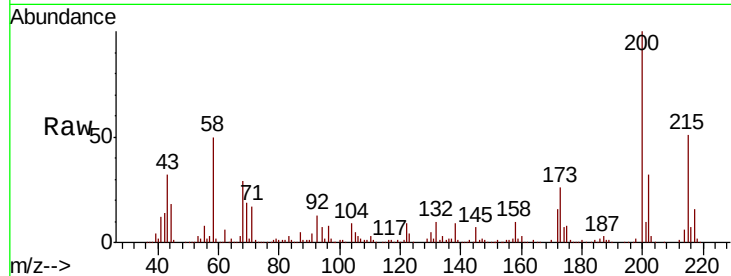
#69
Atrazine
Concen: 49.576 ng
RT: 16.93 min Scan# 2355
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Instrument :
BNA_G
ClientSampled :
PB123101BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	280334		
173	25.8		2.5	42.5
215	51.0		31.0	71.0

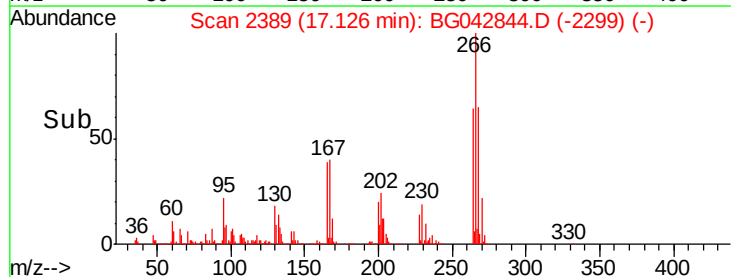
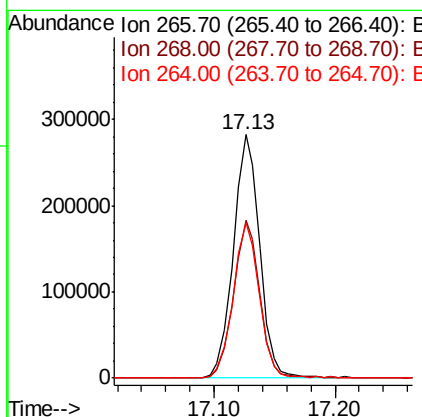
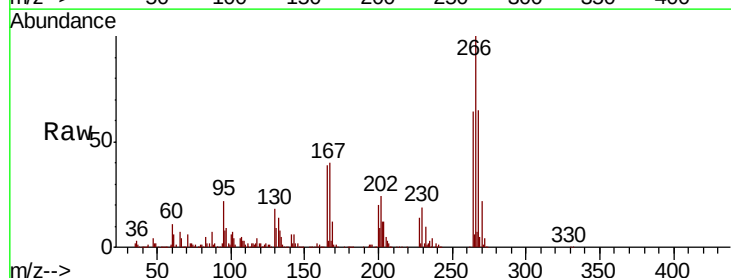
Manual Integrations
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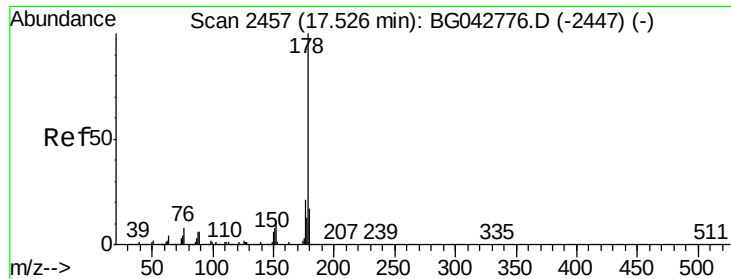
mohammad
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#70
Pentachlorophenol
Concen: 92.552 ng
RT: 17.13 min Scan# 2389
Delta R.T. -0.00 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	428497		
268	64.6		56.2	84.4
264	63.8		53.4	80.2





#71

Phenanthrene

Concen: 42.534 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

ClientSampleId :

PB123101BS

Tot Ion:178 Resp: 1227489

Ion Ratio Lower Upper

178 100

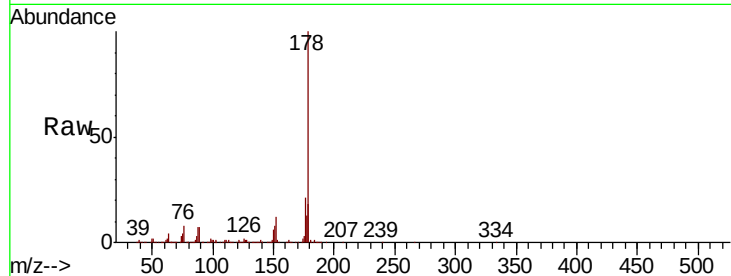
176 21.2 17.0 25.4

179 17.6 13.6 20.4

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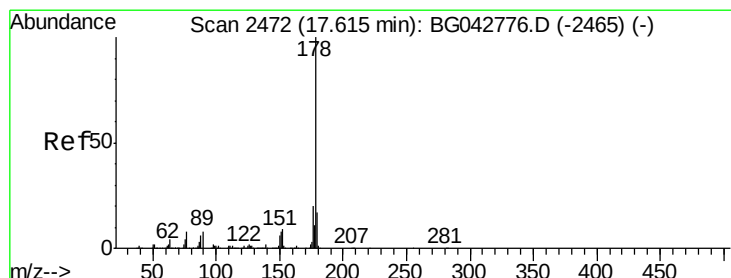
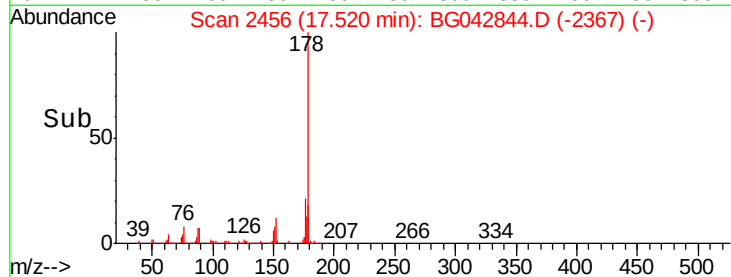
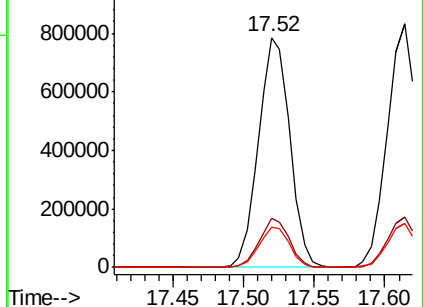
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 43.267 ng

RT: 17.61 min Scan# 2472

Delta R.T. -0.00 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Tgt Ion:178 Resp: 1247470

Ion Ratio Lower Upper

178 100

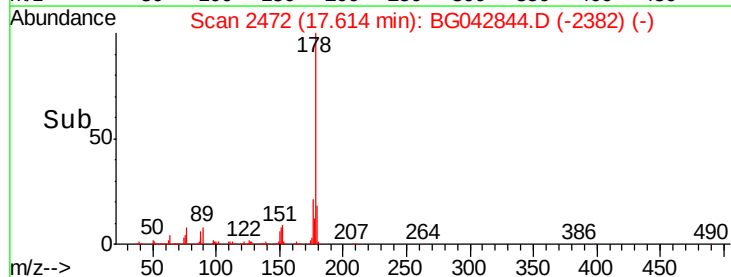
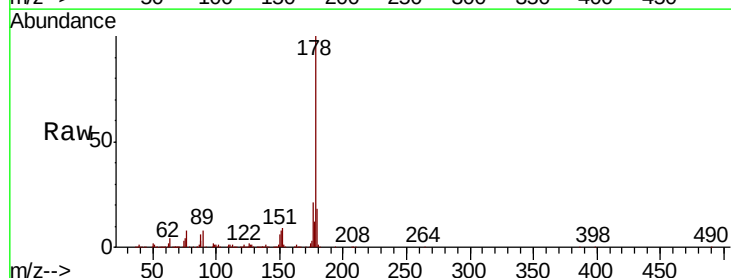
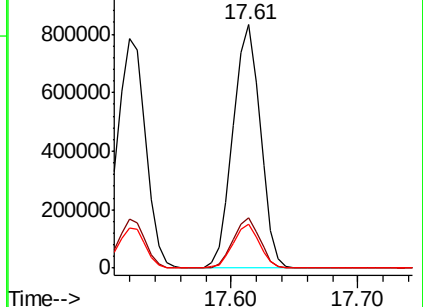
176 20.9 16.2 24.4

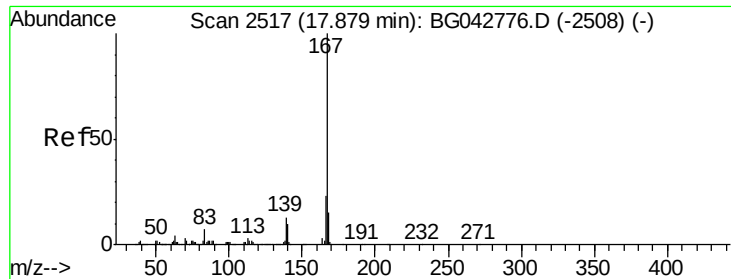
179 17.9 13.6 20.4

Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





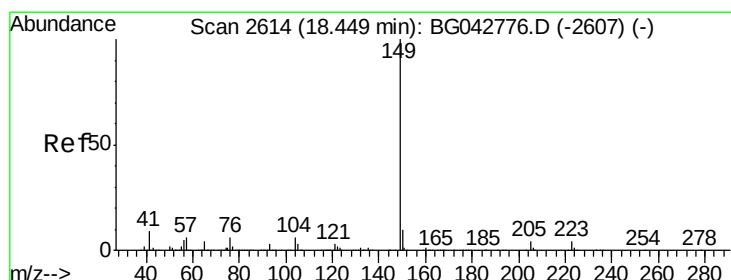
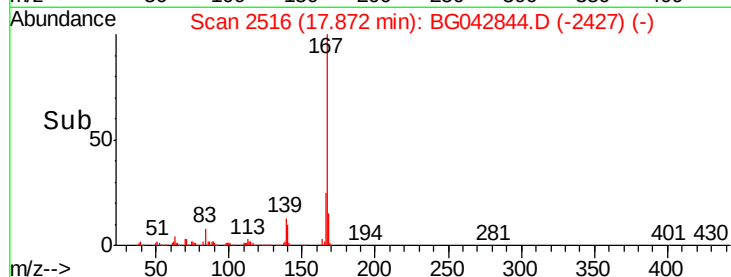
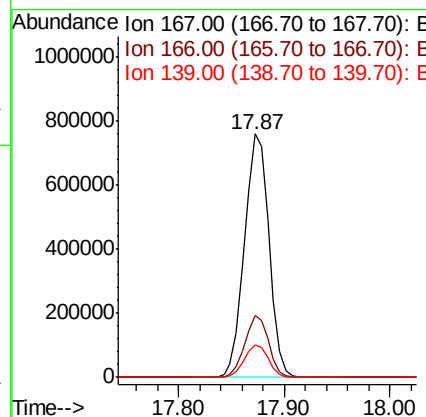
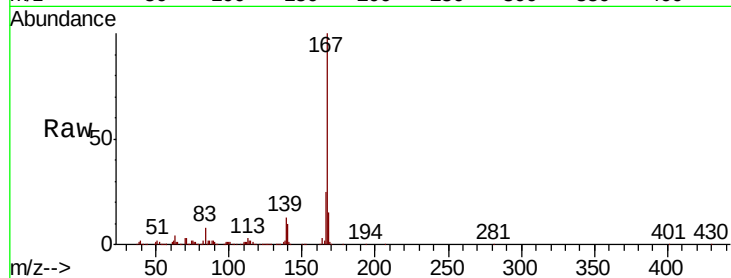
#73
 Carbazole
 Concen: 44.332 ng
 RT: 17.87 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

Instrument :
 BNA_G
 ClientSampleId :
 PB123101BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	25.2	18.3	27.5
139	13.2	10.2	15.4

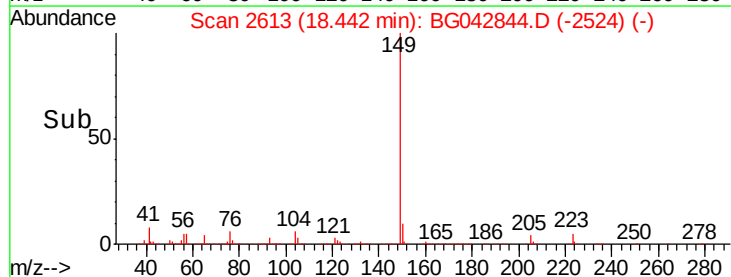
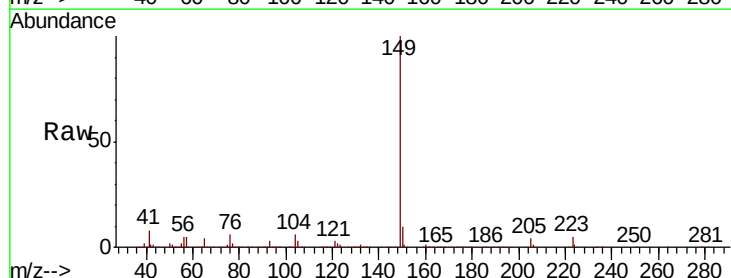
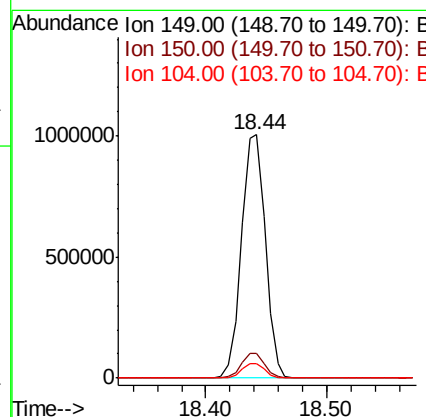
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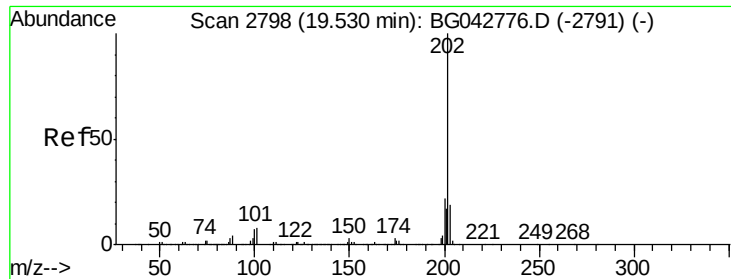
mohammad
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#74
 Di-n-butylphthalate
 Concen: 42.369 ng
 RT: 18.44 min Scan# 2613
 Delta R.T. -0.01 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.0	12.0
104	6.0	5.1	7.7





#75

Fluoranthene

Concen: 43.549 ng

RT: 19.52 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

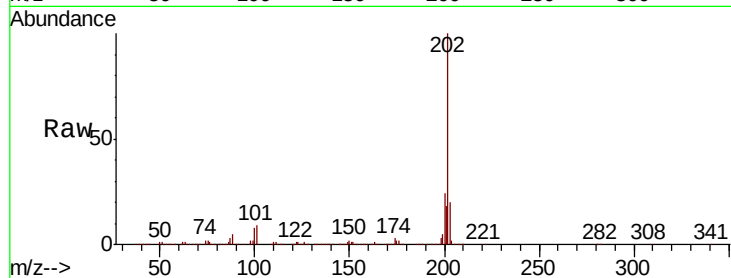
ClientSampled :

PB123101BS

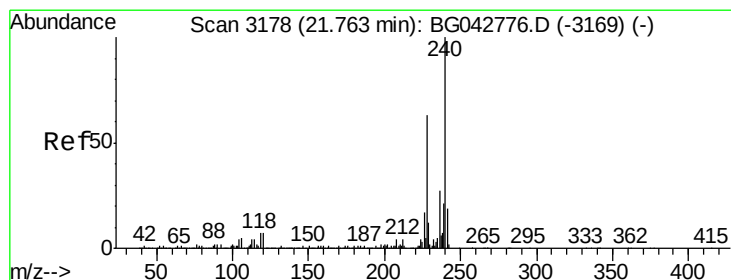
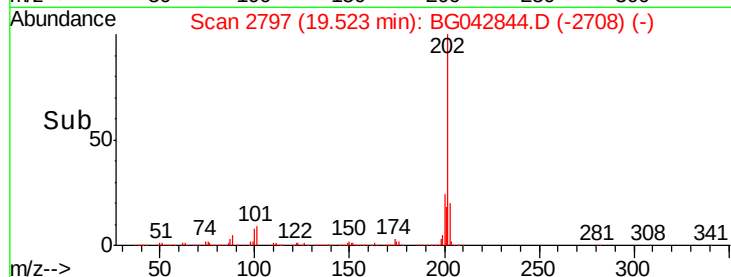
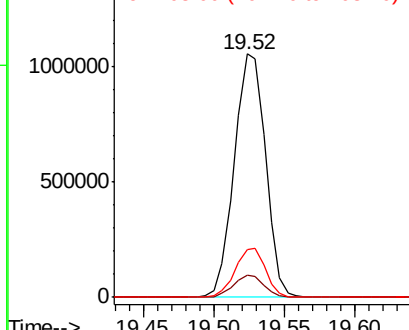
Tot Ion:	202	Resp:	1628826
Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	27.8
203	19.9	0.0	39.1

Manual Integrations
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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

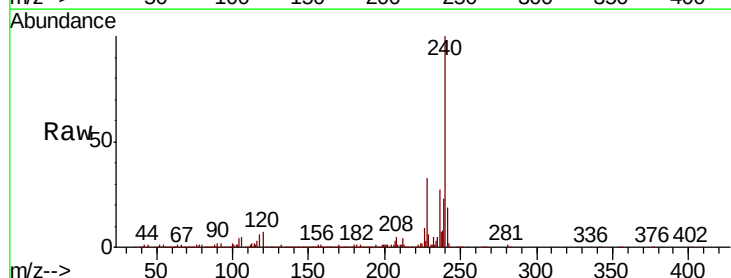
RT: 21.76 min Scan# 3178

Delta R.T. -0.00 min

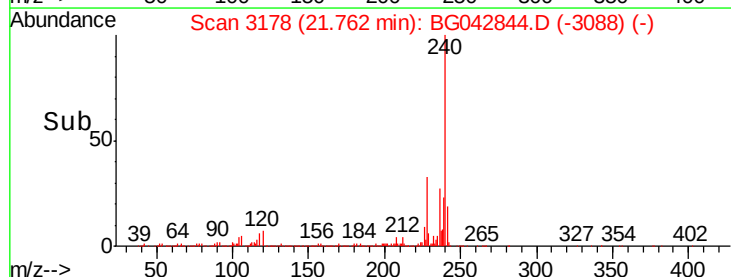
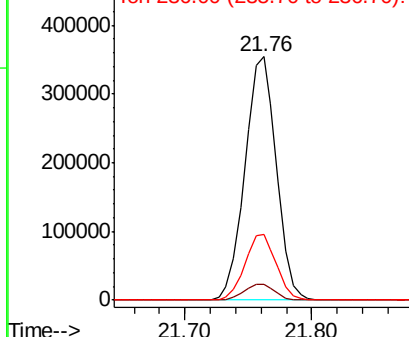
Lab File: BG042844.D

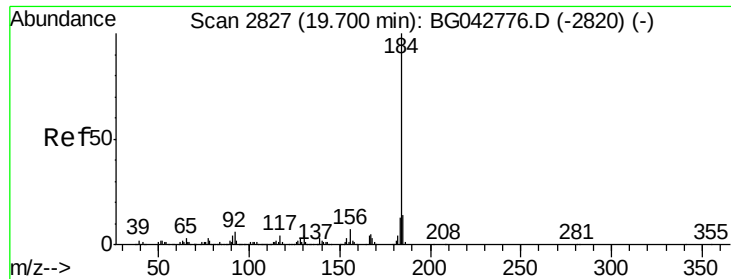
Acq: 16 Sep 2019 11:30

Tgt Ion:	240	Resp:	608923
Ion	Ratio	Lower	Upper
240	100		
120	6.7	5.4	8.2
236	26.9	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: 37.441 ng

RT: 19.69 min Scan# 2826

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

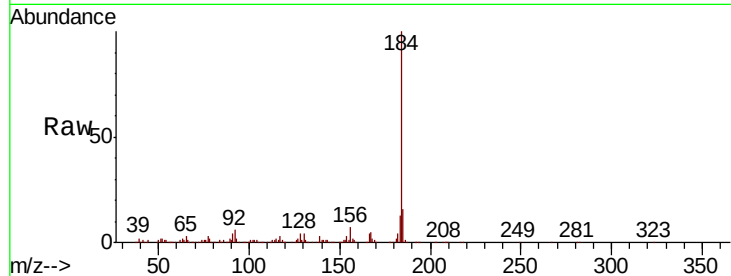
ClientSampleId :

PB123101BS

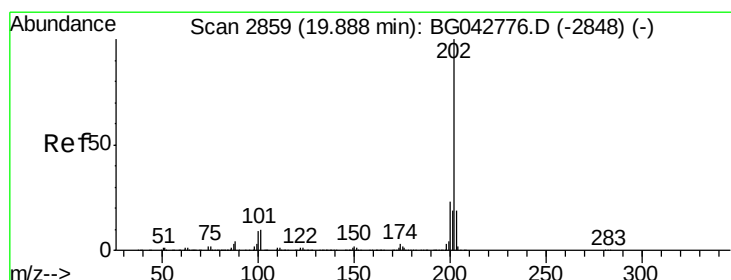
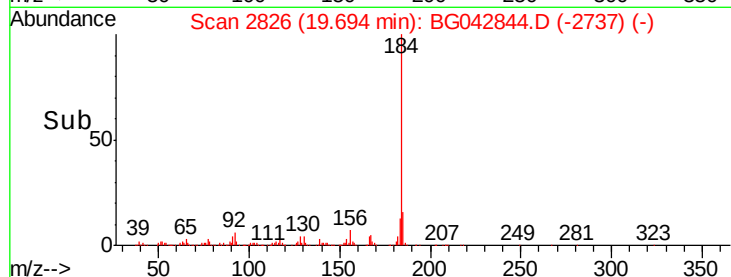
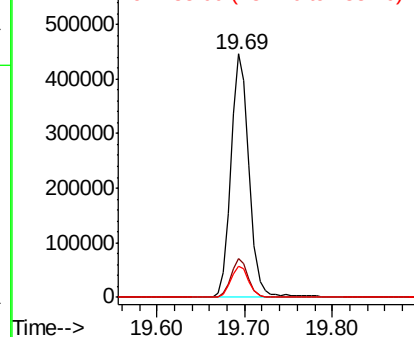
Tot Ion:	184	Resp:	636974
Ion Ratio	Lower	Upper	
184	100		
185	16.1	11.6	17.4
183	12.9	10.4	15.6

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Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.840 ng

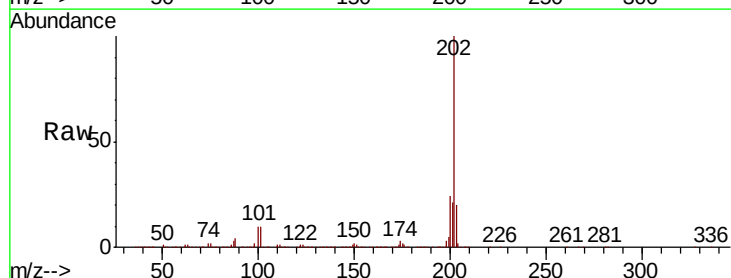
RT: 19.89 min Scan# 2859

Delta R.T. -0.00 min

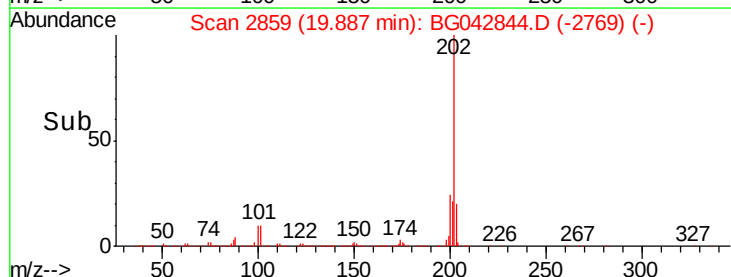
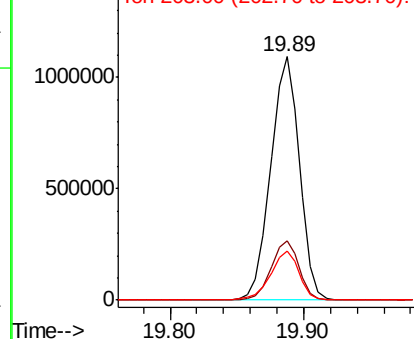
Lab File: BG042844.D

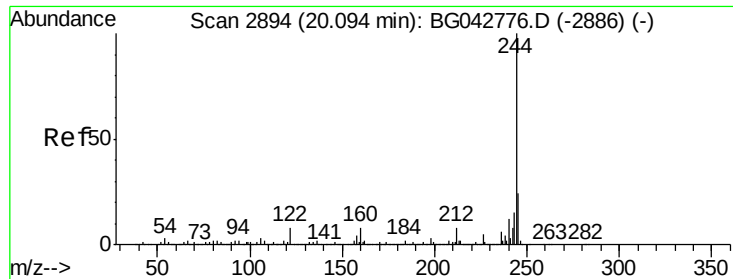
Acq: 16 Sep 2019 11:30

Tgt Ion:	202	Resp:	1633177
Ion Ratio	Lower	Upper	
202	100		
200	24.3	18.5	27.7
203	20.3	15.3	22.9



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E





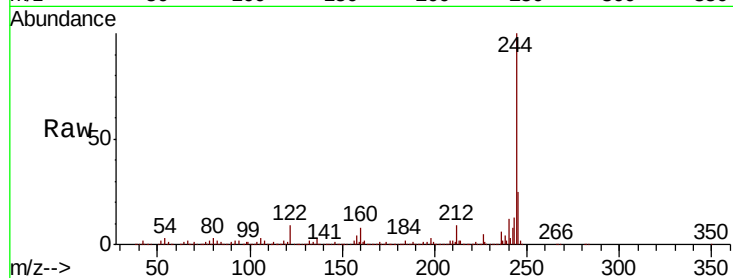
#79
 Terphenyl-d14
 Concen: 73.665 ng
 RT: 20.08 min Scan# 2892
 Delta R.T. -0.01 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

Instrument :
 BNA_G
 ClientSampleId :
 PB123101BS

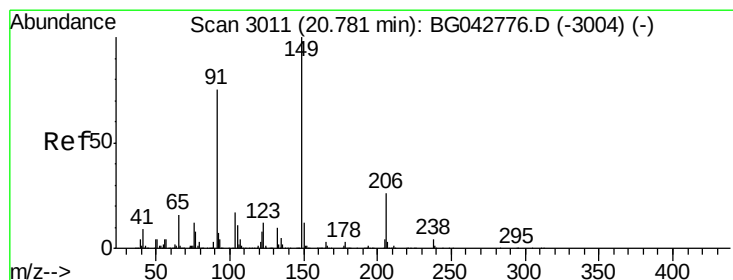
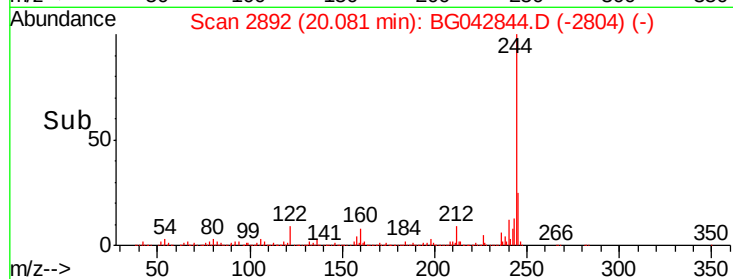
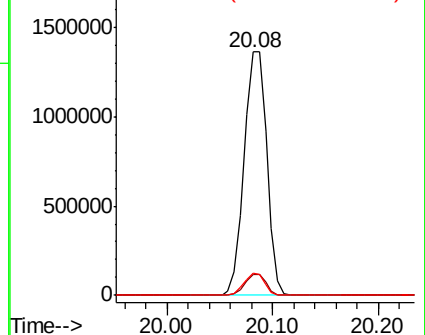
Tot Ion:	244	Resp:	2023942
Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.6	10.0
122	9.0	6.2	9.4

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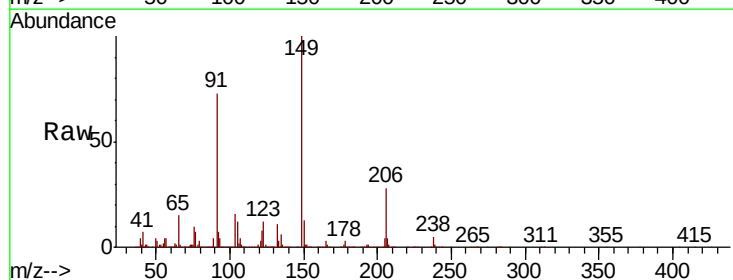


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

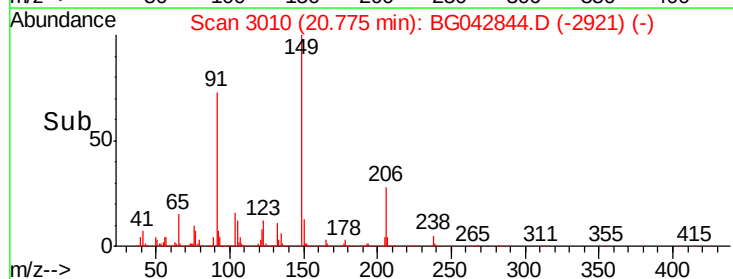
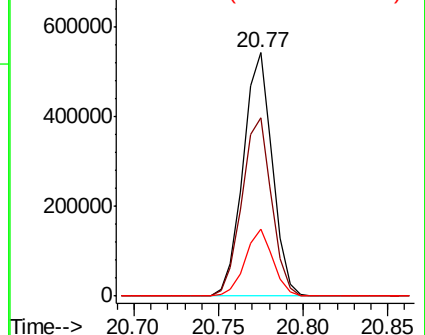


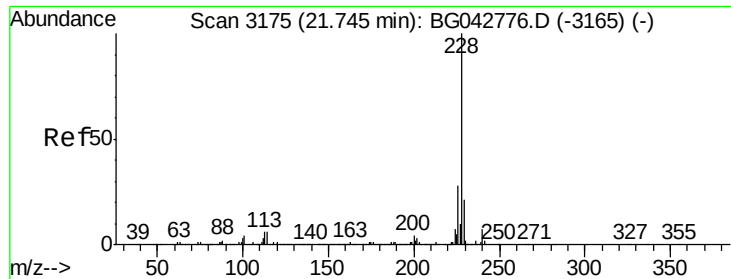
#80
 Butylbenzylphthalate
 Concen: 42.117 ng
 RT: 20.77 min Scan# 3010
 Delta R.T. -0.01 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

Tgt Ion:	149	Resp:	649807
Ion	Ratio	Lower	Upper
149	100		
91	73.2	60.2	90.2
206	27.5	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





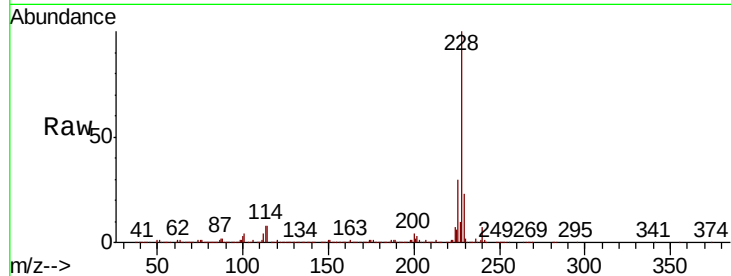
#81
Benzo(a)anthracene
Concen: 41.398 ng
RT: 21.74 min Scan# 3174
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Instrument :
BNA_G
ClientSampleId :
PB123101BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	22.5	33.7
229	22.6	17.2	25.8

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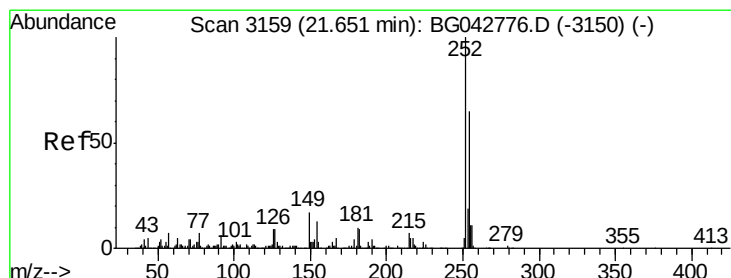
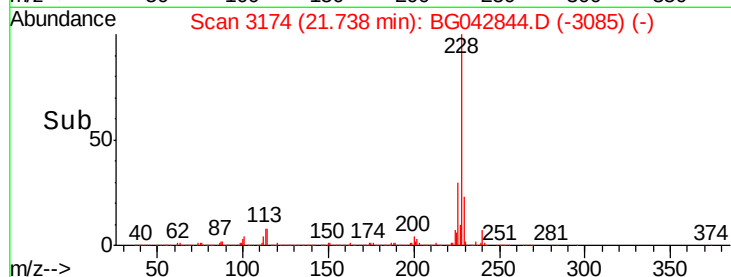
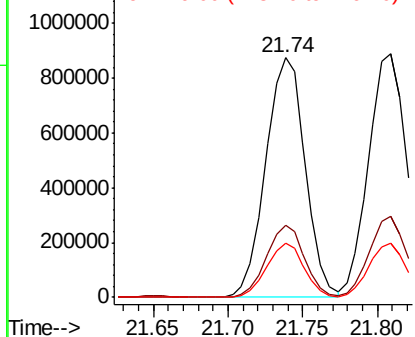


Abundance

Ion 228.00 (227.70 to 228.70): E

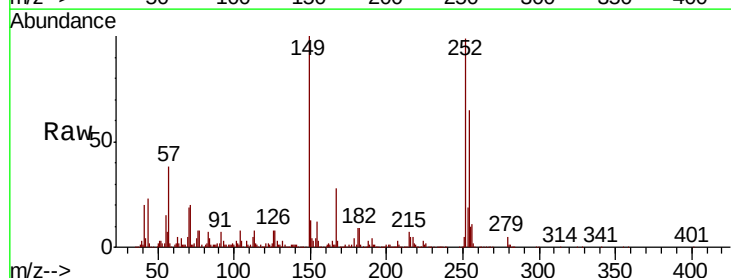
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 33.406 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	52.2	78.2
126	8.2	7.0	10.4

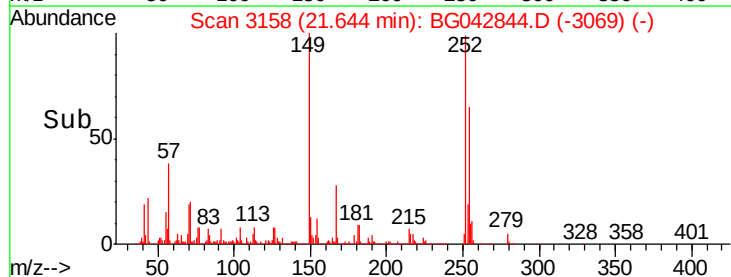
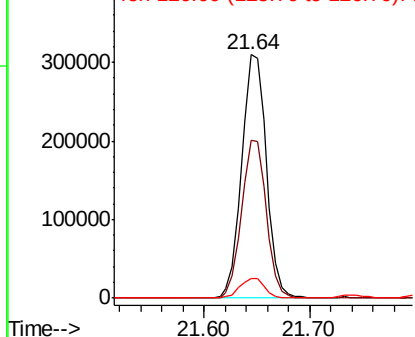


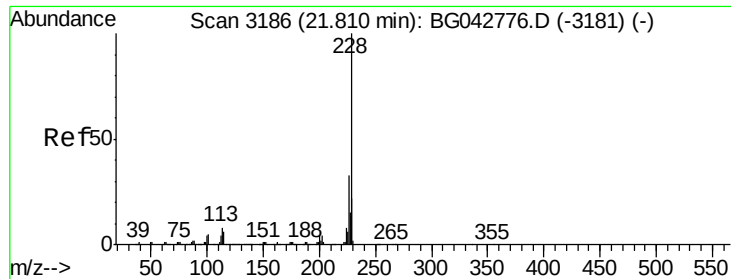
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





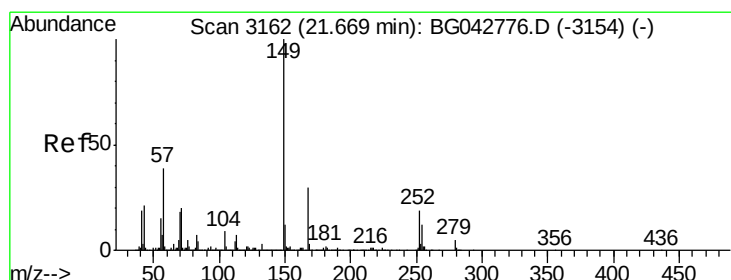
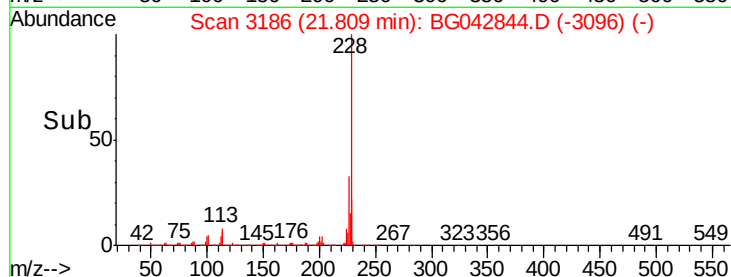
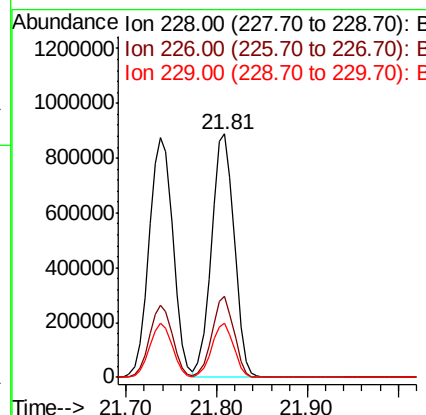
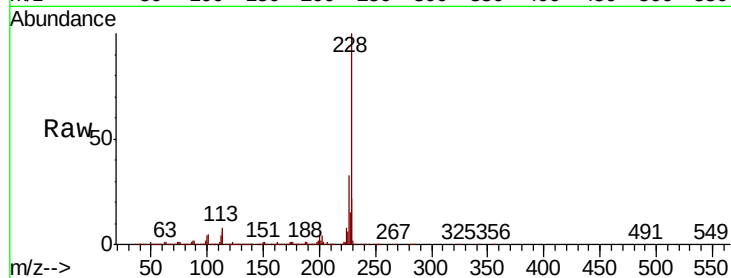
#83
Chrysene
Concen: 42.118 ng
RT: 21.81 min Scan# 3186
Delta R.T. -0.00 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Instrument :
BNA_G
ClientSampleId :
PB123101BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	26.0	39.0
229	22.0	17.1	25.7

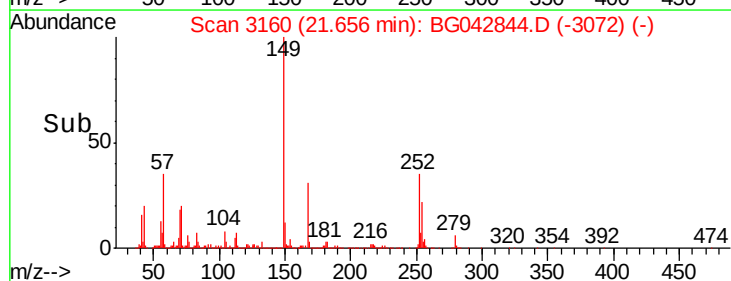
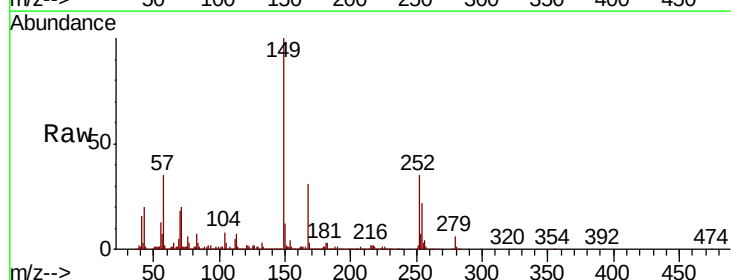
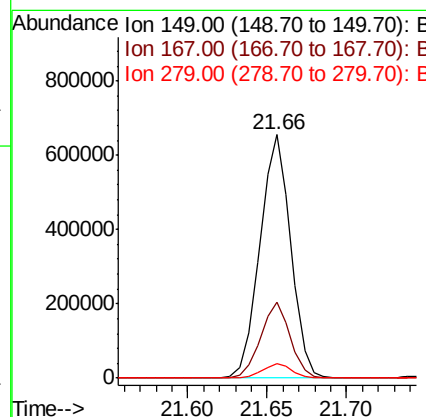
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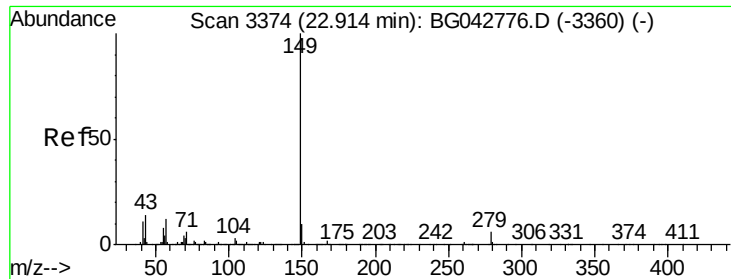
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#84
Bis(2-ethylhexyl)phthalate
Concen: 41.982 ng
RT: 21.66 min Scan# 3160
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.4	24.3	36.5
279	6.0	4.2	6.4





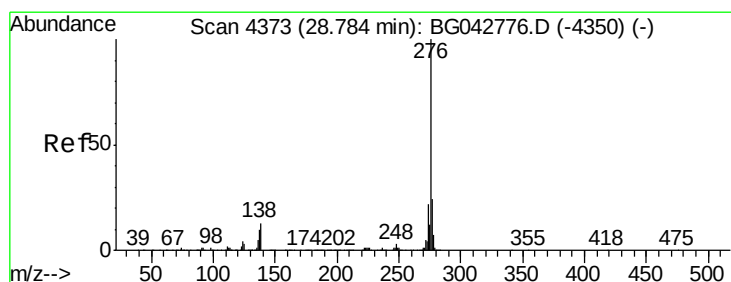
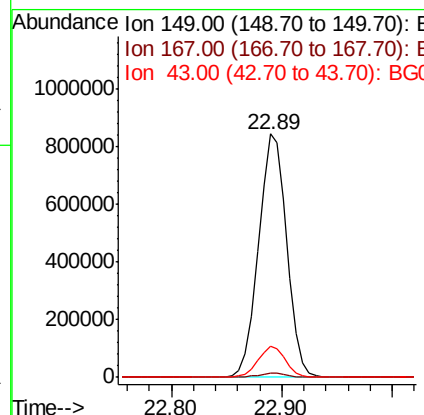
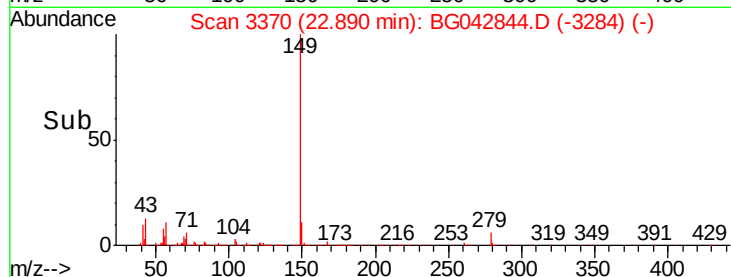
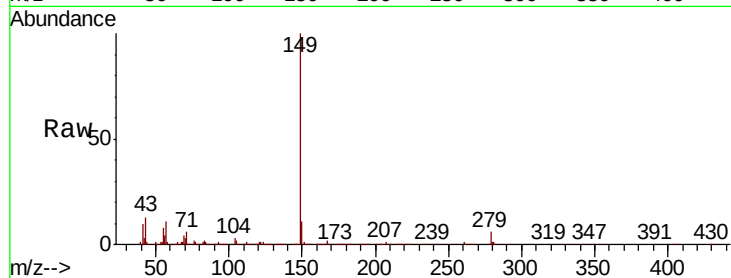
#85
Di-n-octyl phthalate
Concen: 41.887 ng
RT: 22.89 min Scan# 3370
Delta R.T. -0.02 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Instrument :
BNA_G
ClientSampleId :
PB123101BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	12.5	10.6	15.8

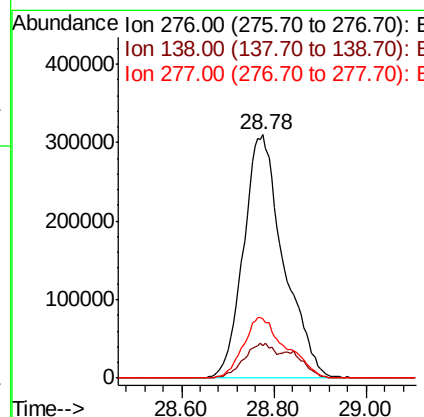
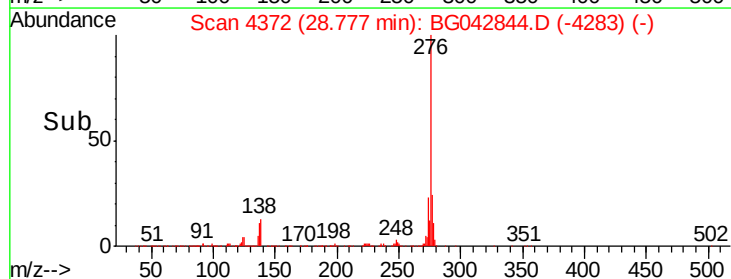
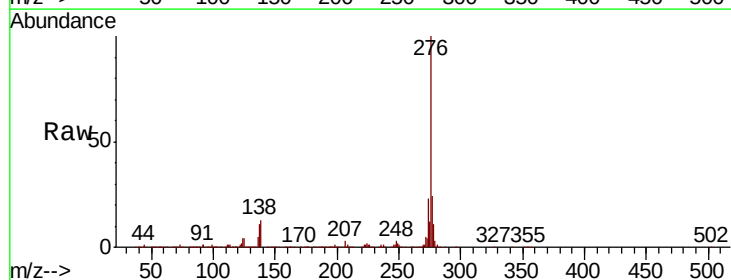
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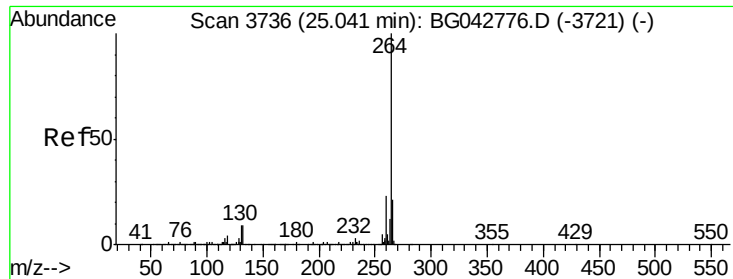
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 41.117 ng
RT: 28.78 min Scan# 4372
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.3	9.3	13.9
277	26.3	17.2	25.8#





#87

Pervlene-d12

Concen: 20.000 ng

RT: 25.03 min Scan# 3734

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

Instrument :

BNA_G

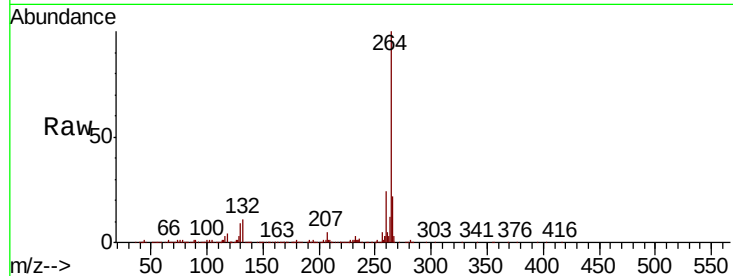
ClientSampleId :

PB123101BS

Tot Ion:	264	Resp:	616970
Ion Ratio		Lower	Upper
264	100		
260	23.8	18.2	27.2
265	22.0	16.9	25.3

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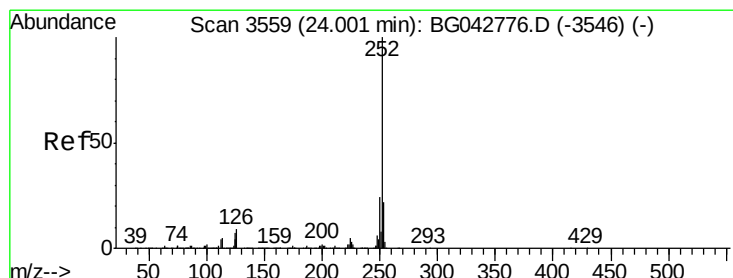
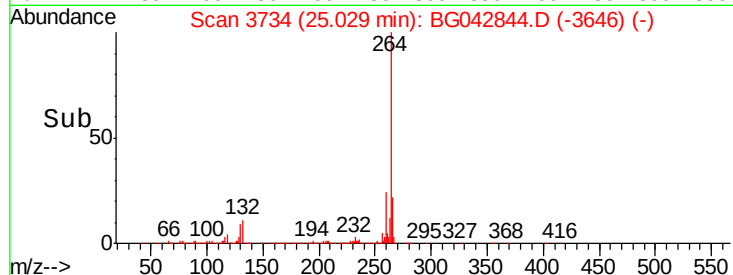
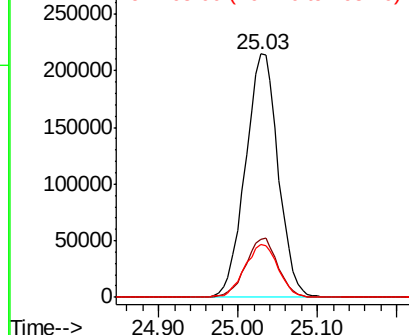


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 46.120 ng

RT: 23.99 min Scan# 3558

Delta R.T. -0.01 min

Lab File: BG042844.D

Acq: 16 Sep 2019 11:30

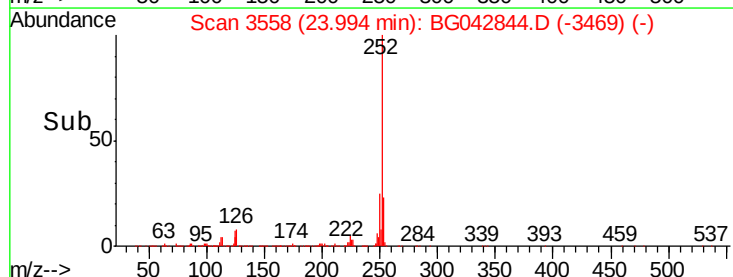
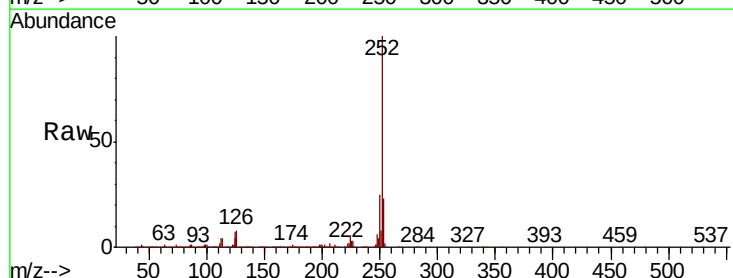
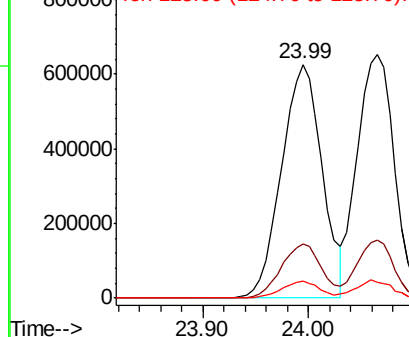
Tgt Ion:	252	Resp:	1670788
Ion Ratio		Lower	Upper
252	100		
253	23.0	17.9	26.9
125	7.3	5.6	8.4

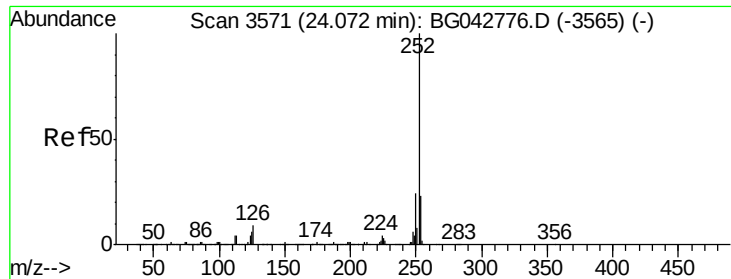
Abundance

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





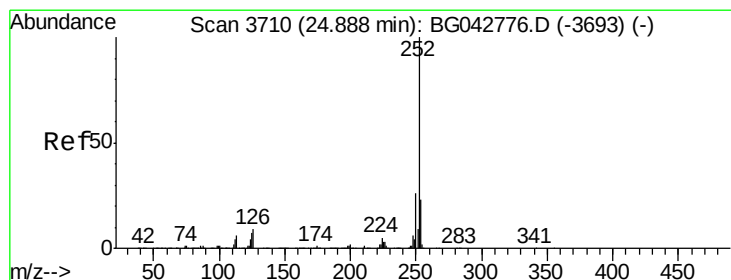
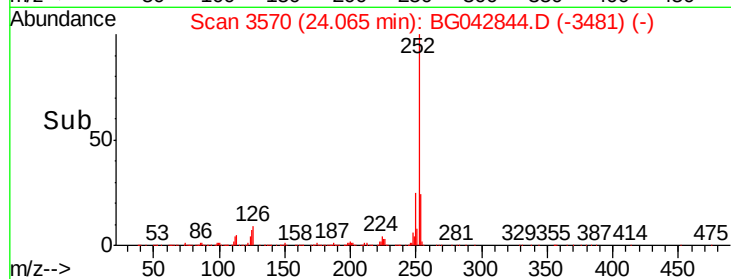
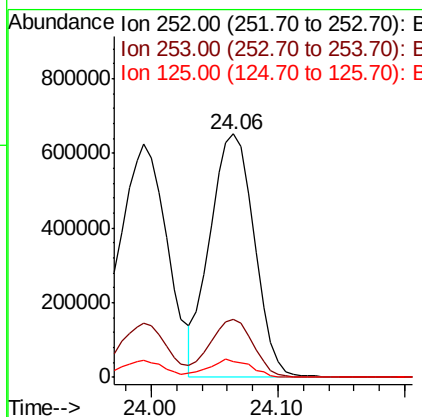
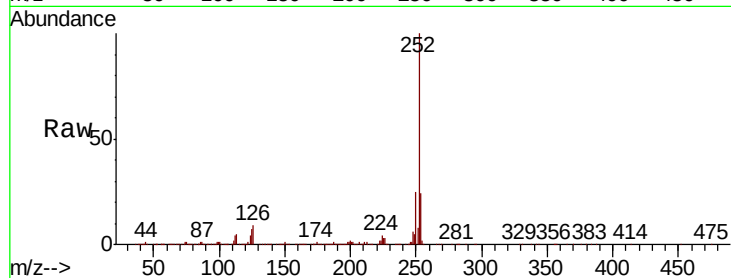
#89
Benzo(k)fluoranthene
Concen: 46.106 ng
RT: 24.06 min Scan# 3570
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Instrument :
BNA_G
ClientSampleId :
PB123101BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.2	27.4
125	6.6	5.3	7.9

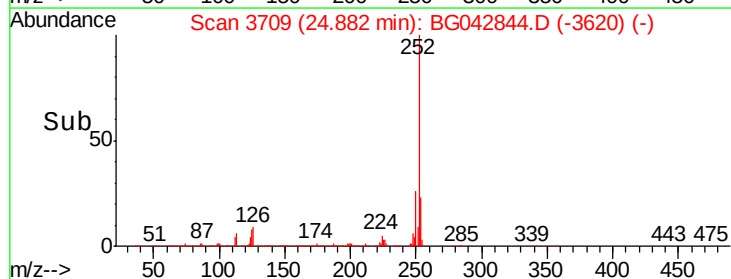
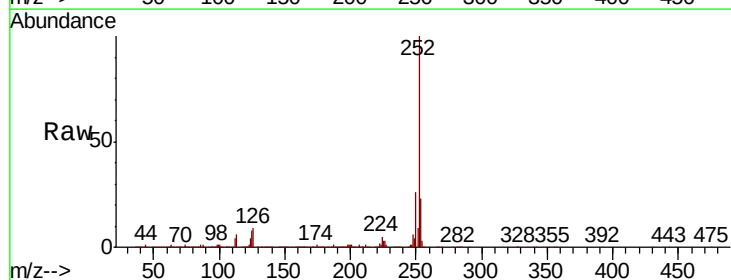
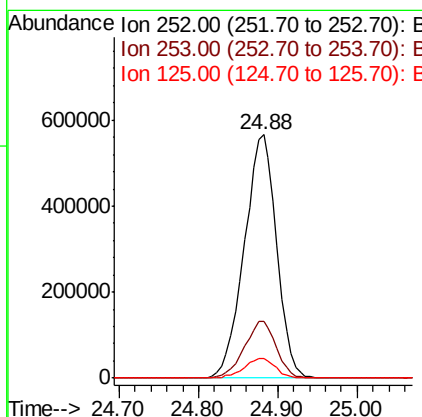
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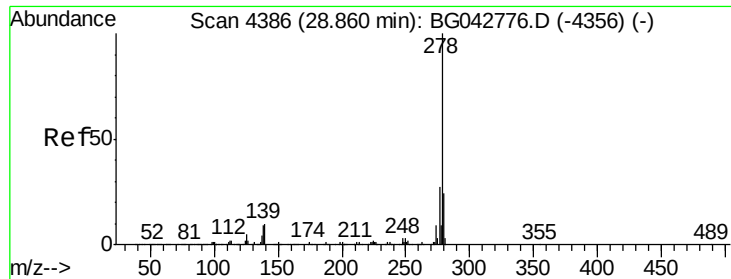
mohammad
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#90
Benzo(a)pyrene
Concen: 47.221 ng
RT: 24.88 min Scan# 3709
Delta R.T. -0.01 min
Lab File: BG042844.D
Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	8.2	5.7	8.5





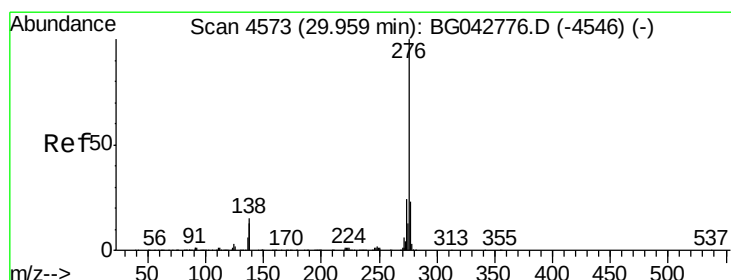
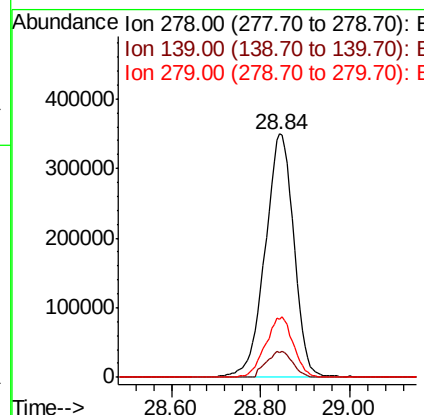
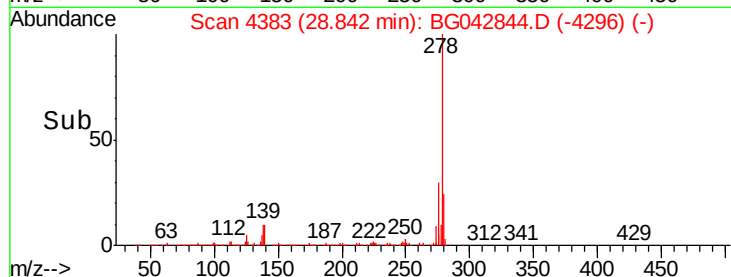
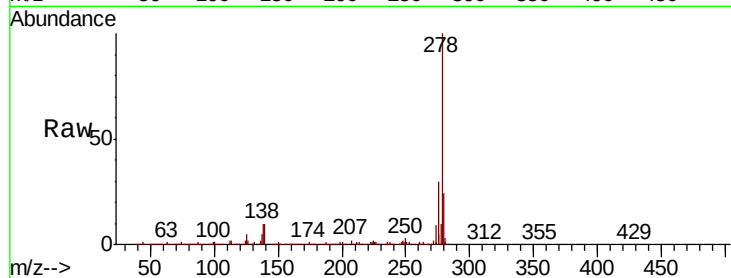
#91
 Dibenzo(a,h)anthracene
 Concen: 46.994 ng
 RT: 28.84 min Scan# 4383
 Delta R.T. -0.02 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

Instrument :
 BNA_G
 ClientSampleId :
 PB123101BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	10.1	8.2	12.2
279	24.0	19.4	29.2

Manual Integrations
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#92
 Benzo(g,h,i)perylene
 Concen: 47.144 ng
 RT: 29.94 min Scan# 4570
 Delta R.T. -0.02 min
 Lab File: BG042844.D
 Acq: 16 Sep 2019 11:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.4	27.6
138	14.8	11.8	17.8

