

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG013018\
 Data File : BG032449.D
 Acq On : 30 Jan 2018 19:44
 Operator : SJ/JU
 Sample : PB106183BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106183BS

Manual Integrations
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Sohil
 1/31/2018 8:31:09 PM

Quant Time: Jan 31 01:31:12 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	29204	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	110506	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	77666	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	208695	20.00	ng	0.00
75) Chrysene-d12	22.41	240	261901	20.00	ng	0.00
86) Perylene-d12	26.08	264	287778	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	6.15	112	218490	150.27	ng	0.00
7) Phenol-d6	7.84	99	268832	138.56	ng	0.01
23) Nitrobenzene-d5	9.91	82	163176	92.23	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	221360	149.73	ng	0.00
44) 2-Fluorobiphenyl	13.97	172	601661	92.08	ng	-0.01
78) Terphenyl-d14	20.62	244	1190729	97.39	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.80	88	19784	40.442	ng	# 76
3) Pyridine	4.26	79	55040	41.668	ng	# 81
4) n-Nitrosodimethylamine	4.17	42	33428	48.614	ng	# 67
6) Aniline	8.01	93	37500	15.502	ng	97
8) 2-Chlorophenol	8.26	128	86119	50.107	ng	84
9) Benzaldehyde	7.82	77	28243	28.184	ng	88
10) Phenol	7.87	94	88555	48.062	ng	86
11) bis(2-Chloroethyl)ether	8.10	93	59851	42.632	ng	# 84
12) 1,3-Dichlorobenzene	8.60	146	100466	43.224	ng	92
13) 1,4-Dichlorobenzene	8.75	146	104765	44.971	ng	92
14) 1,2-Dichlorobenzene	9.08	146	98879	43.328	ng	95
15) Benzyl Alcohol	8.95	79	70928	44.356	ng	# 90
16) 2,2'-oxybis(1-Chloropropan	9.24	45	56191	42.239	ng	78
17) 2-Methylphenol	9.16	107	61333	40.985	ng	93
18) Hexachloroethane	9.83	117	33963	43.422	ng	# 85
19) n-Nitroso-di-n-propylamine	9.53	70	51569	40.086	ng	# 89
20) 3+4-Methylphenols	9.50	107	91408	43.547	ng	95
22) Acetophenone	9.55	105	112537	43.444	ng	# 91
24) Nitrobenzene	9.95	77	81523	47.652	ng	# 83
25) Isophorone	10.48	82	142526	47.312	ng	# 84
26) 2-Nitrophenol	10.68	139	50671	48.997	ng	# 80
27) 2,4-Dimethylphenol	10.72	122	82419	55.525	ng	92
28) bis(2-Chloroethoxy)methane	10.96	93	85186	51.567	ng	# 91
29) 2,4-Dichlorophenol	11.22	162	102791	52.275	ng	92
30) 1,2,4-Trichlorobenzene	11.45	180	118646	45.271	ng	100
31) Naphthalene	11.64	128	252437	46.772	ng	99
32) Benzoic acid	10.85	122	39825m	37.791	ng	
33) 4-Chloroaniline	11.74	127	29752	12.359	ng	93
34) Hexachlorobutadiene	11.91	225	90387	44.328	ng	96
35) Caprolactam	12.50	113	29759	52.718	ng	# 49
36) 4-Chloro-3-methylphenol	12.83	107	96896	51.950	ng	# 86
37) 2-Methylnaphthalene	13.21	142	209984	46.310	ng	95
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	160748	44.241	ng	98
40) Hexachlorocyclopentadiene	13.54	237	226520	99.779	ng	92

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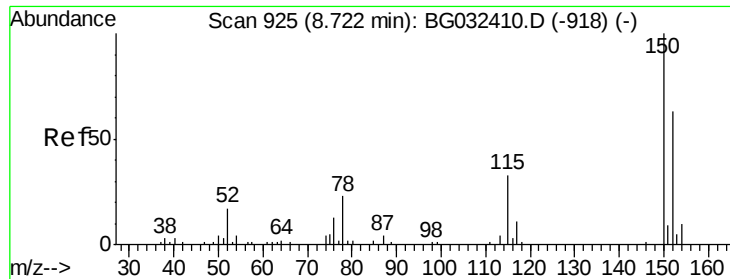
Manual Integrations
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 1/31/2018 8:31:09 PM

Quant Time: Jan 31 01:31:12 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	102309	51.766	ng	98
43) 2,4,5-Trichlorophenol	13.87	196	111777	48.516	ng	# 89
45) 1,1'-Biphenyl	14.18	154	303375	46.235	ng	96
46) 2-Chloronaphthalene	14.24	162	232678	45.243	ng	97
47) 2-Nitroaniline	14.43	65	52018	45.738	ng	# 78
48) Acenaphthylene	15.08	152	357079	45.928	ng	97
49) Dimethylphthalate	14.78	163	330206	46.111	ng	99
50) 2,6-Dinitrotoluene	14.91	165	72151	48.003	ng	# 81
51) Acenaphthene	15.41	154	277855	51.531	ng	97
52) 3-Nitroaniline	15.24	138	25942	19.760	ng	# 64
53) 2,4-Dinitrophenol	15.45	184	81689	86.706	ng	# 52
54) Dibenzofuran	15.74	168	380822	47.718	ng	97
55) 4-Nitrophenol	15.54	139	99101	100.829	ng	# 76
56) 2,4-Dinitrotoluene	15.69	165	106711	49.864	ng	# 66
57) Fluorene	16.39	166	308900	46.579	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.96	232	121188	53.332	ng	# 85
59) Diethylphthalate	16.12	149	322609	46.255	ng	95
60) 4-Chlorophenyl-phenylether	16.36	204	197364	47.195	ng	95
61) 4-Nitroaniline	16.40	138	56663	40.268	ng	# 78
62) Azobenzene	16.66	77	196869	47.233	ng	# 80
64) 4,6-Dinitro-2-methylphenol	16.45	198	65172	41.801	ng	# 73
65) n-Nitrosodiphenylamine	16.58	169	290931	46.712	ng	97
66) 4-Bromophenyl-phenylether	17.25	248	145612	47.096	ng	99
67) Hexachlorobenzene	17.38	284	154921	45.278	ng	# 90
68) Atrazine	17.50	200	133299	49.857	ng	94
69) Pentachlorophenol	17.72	266	178993	83.509	ng	96
70) Phenanthrene	18.12	178	530792	45.607	ng	98
71) Anthracene	18.21	178	549954	47.457	ng	98
72) Carbazole	18.47	167	471388	46.039	ng	98
73) Di-n-butylphthalate	18.98	149	544924	48.069	ng	99
74) Fluoranthene	20.09	202	718393	47.068	ng	95
76) Benzidine	20.25	184	202371	39.351	ng	100
77) Pyrene	20.45	202	716679	44.615	ng	99
79) Butylbenzylphthalate	21.30	149	248374	49.020	ng	# 79
80) Benzo(a)anthracene	22.39	228	769982	47.423	ng	98
81) 3,3'-Dichlorobenzidine	22.28	252	121540	19.321	ng	# 95
82) Chrysene	22.46	228	713640	45.513	ng	97
83) Bis(2-ethylhexyl)phthalate	22.23	149	352247	49.031	ng	# 98
84) Di-n-octyl phthalate	23.59	149	612420	53.745	ng	# 88
85) Indeno(1,2,3-cd)pyrene	30.34	276	984883	49.652	ng	# 86
87) Benzo(b)fluoranthene	24.91	252	815104	46.877	ng	# 95
88) Benzo(k)fluoranthene	24.98	252	801595	46.536	ng	# 94
89) Benzo(a)pyrene	25.91	252	805898	48.615	ng	# 95
90) Dibenzo(a,h)anthracene	30.42	278	822411	48.497	ng	# 94
91) Benzo(g,h,i)perylene	31.69	276	823912	48.949	ng	# 91

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



#1

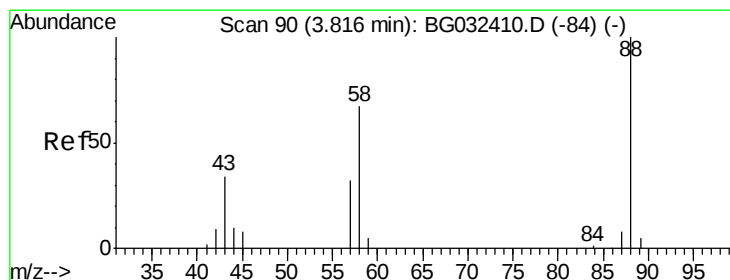
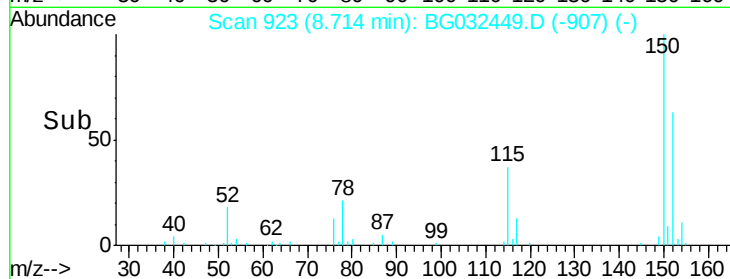
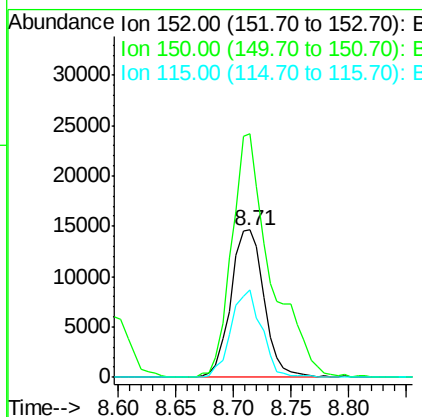
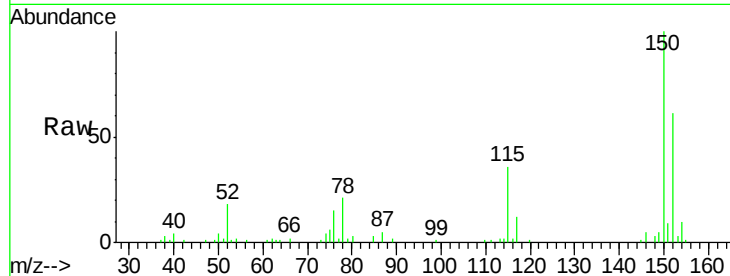
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
PB106183BS

Tgt Ion	Ratio	Lower	Upper
152	100		
150	165.2	126.6	189.8
115	59.2	53.0	79.4

Manual Integrations
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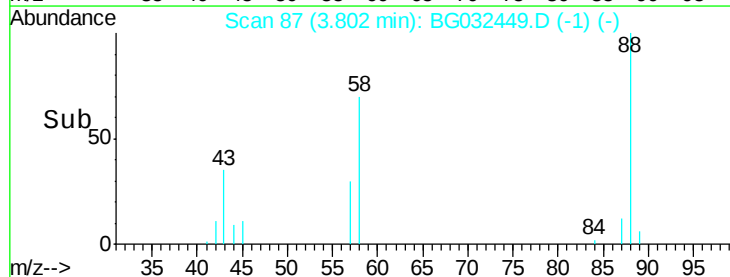
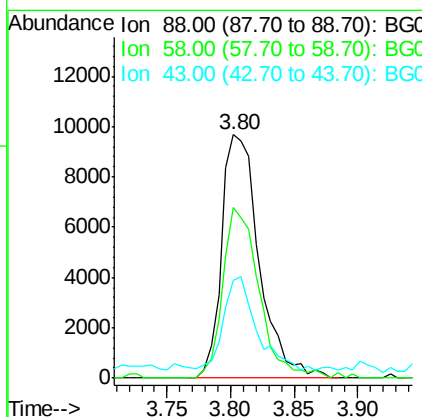
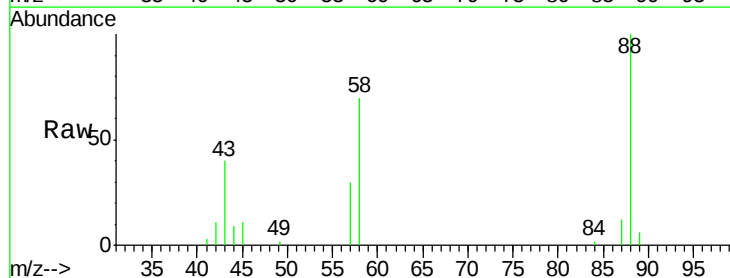
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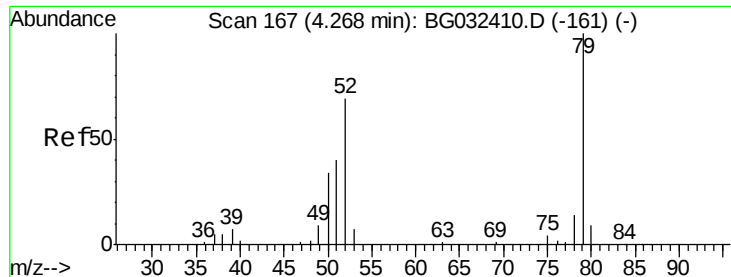


#2

1,4-Dioxane
Concen: 40.442 ng
RT: 3.80 min Scan# 87
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.7	79.6	119.4#
43	34.7	27.4	41.0





#3

Pyridine

Concen: 41.668 ng

RT: 4.26 min Scan# 165

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

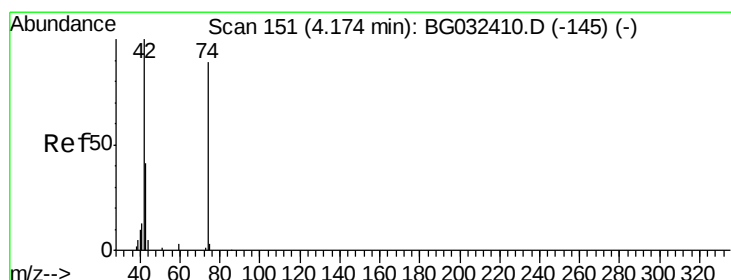
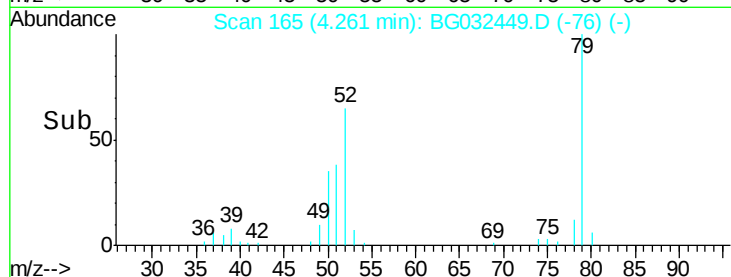
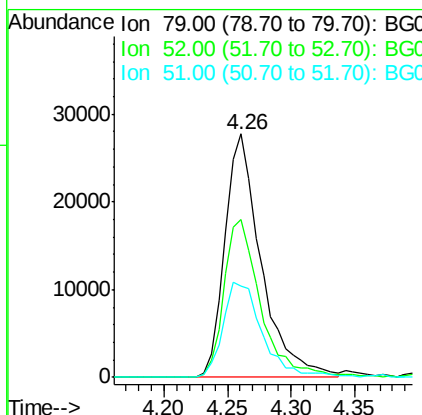
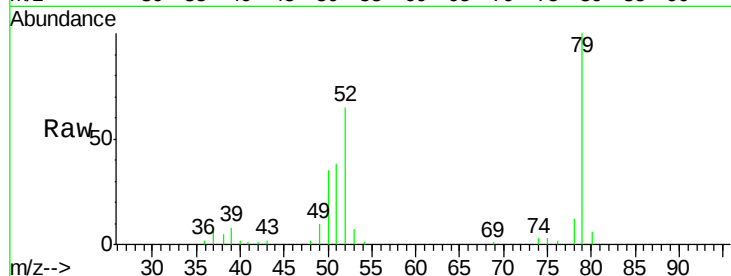
ClientSampleId :

PB106183BS

Tgt Ion:	79	Resp:	55040
Ion	Ratio	Lower	Upper
79	100		
52	64.7	69.9	104.9#
51	37.7	34.0	51.0

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 48.614 ng

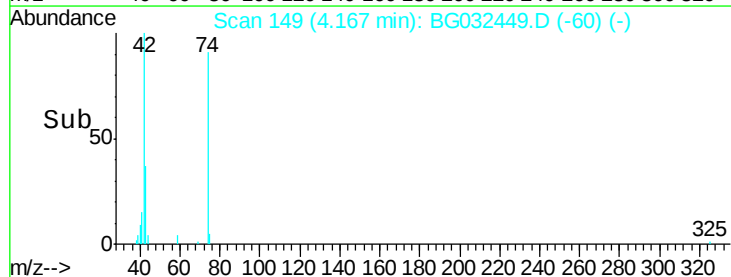
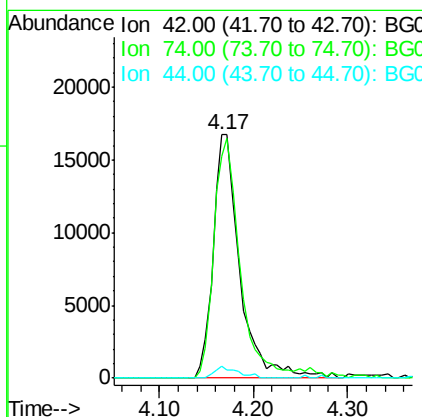
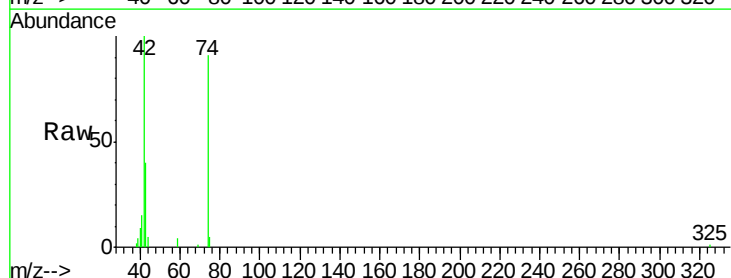
RT: 4.17 min Scan# 149

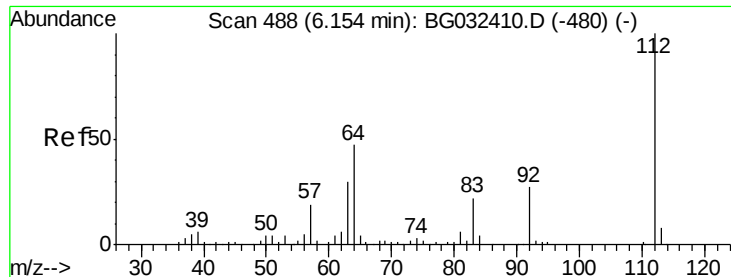
Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Tgt Ion:	42	Resp:	33428
Ion	Ratio	Lower	Upper
42	100		
74	91.2	102.5	153.7#
44	4.7	18.9	28.3#





#5

2-Fluorophenol

Concen: 150.270 ng

RT: 6.15 min Scan# 487

Delta R.T. -0.00 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

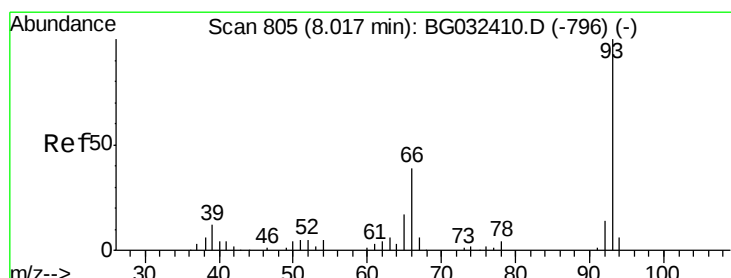
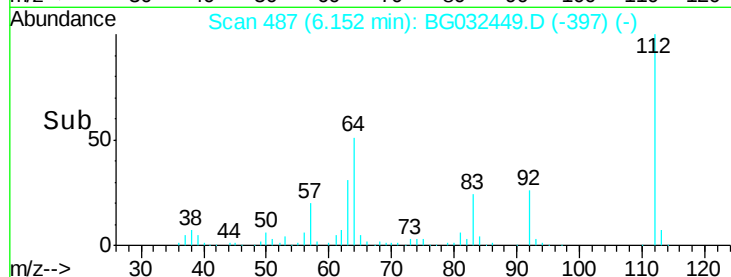
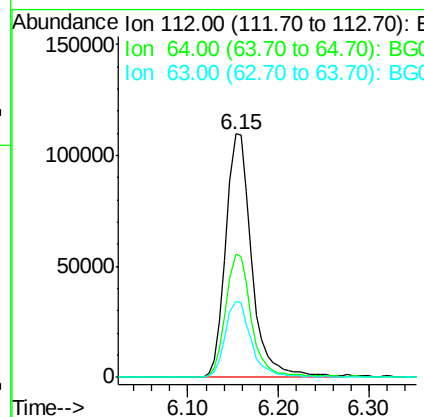
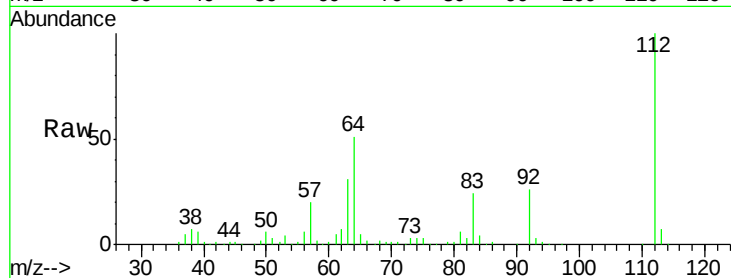
ClientSampleId :

PB106183BS

Tgt Ion:	112	Resp:	218490
Ion Ratio	Lower	Upper	
112	100		
64	50.7	56.3	84.5#
63	31.5	30.1	45.1

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#6

Aniline

Concen: 15.502 ng

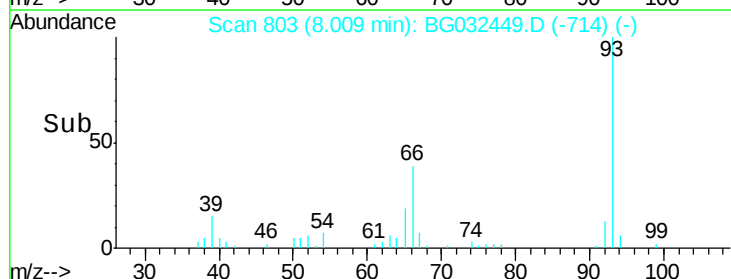
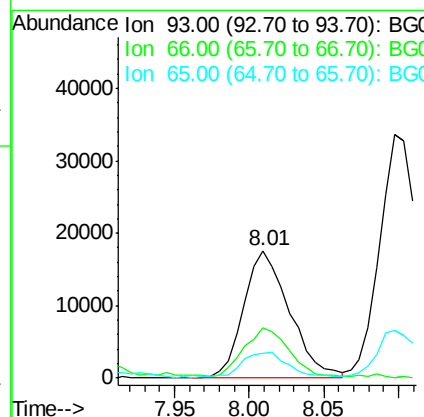
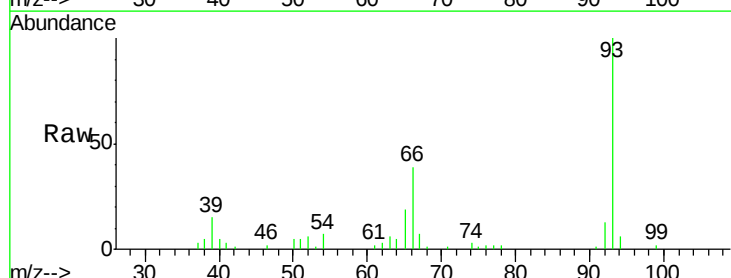
RT: 8.01 min Scan# 803

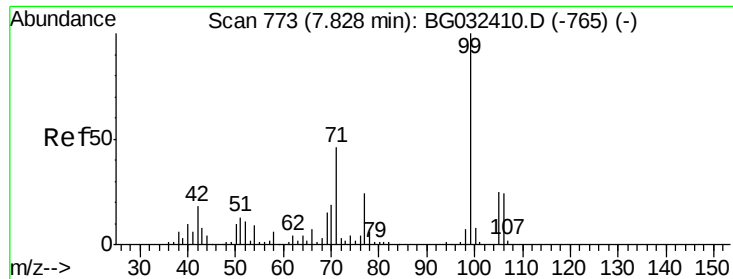
Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Tgt Ion:	93	Resp:	37500
Ion Ratio	Lower	Upper	
93	100		
66	39.5	33.7	50.5
65	19.3	16.1	24.1





#7

Phenol-d6

Concen: 138.558 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

PB106183BS

Tgt Ion: 99 Resp: 268832

Ion Ratio Lower Upper

99 100

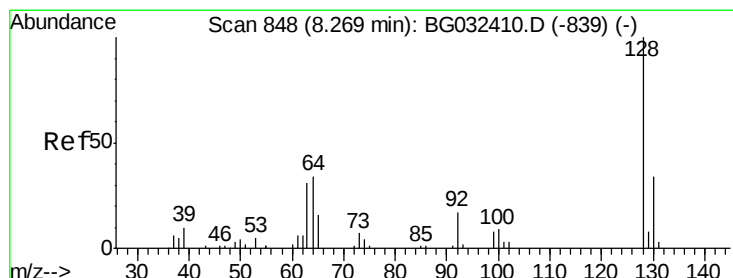
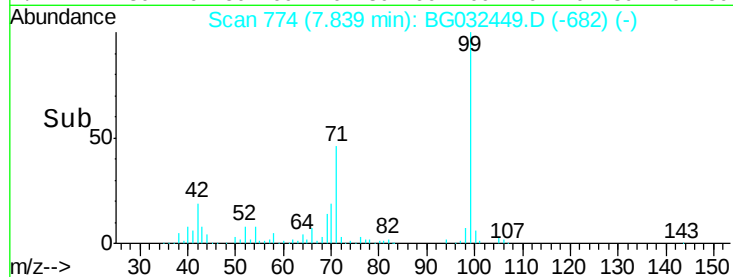
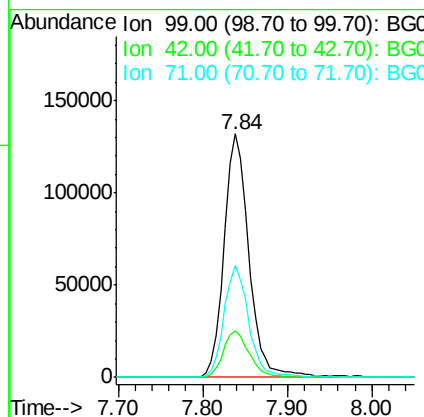
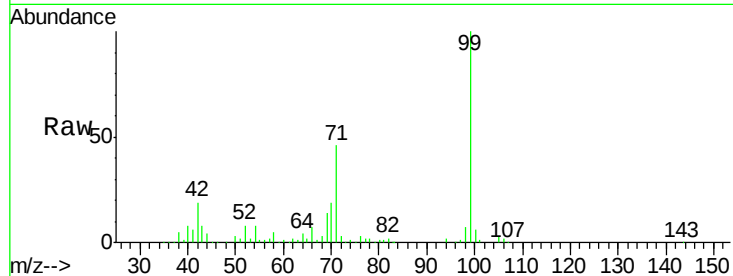
42 19.3 14.1 21.1

71 45.8 26.1 39.1#

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#8

2-Chlorophenol

Concen: 50.107 ng

RT: 8.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

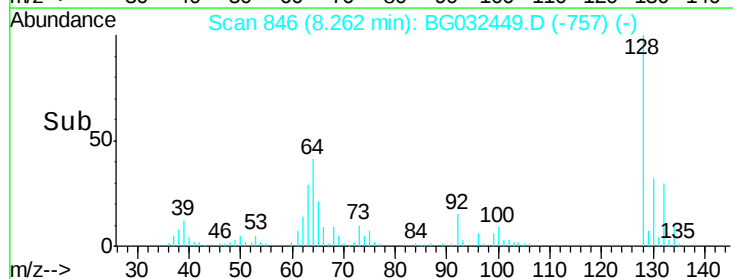
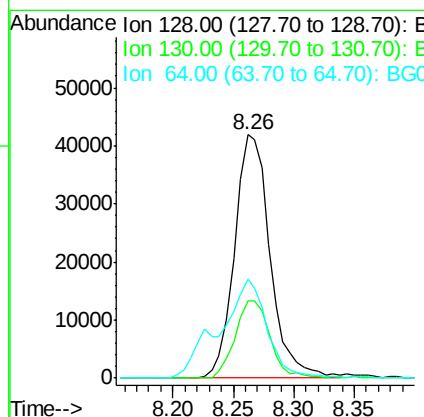
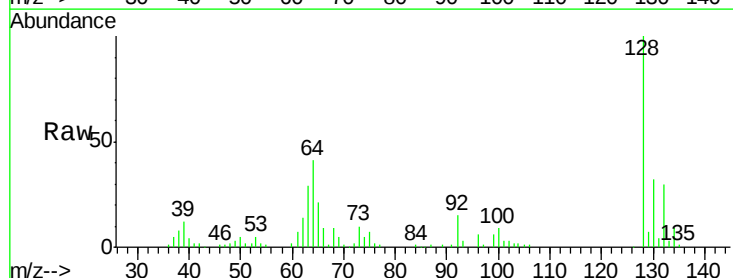
Tgt Ion: 128 Resp: 86119

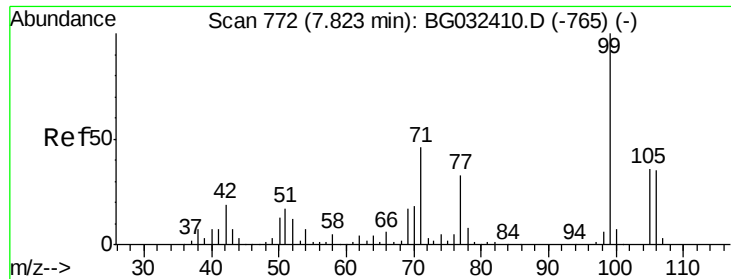
Ion Ratio Lower Upper

128 100

130 31.8 14.0 54.0

64 40.6 37.7 77.7





#9

Benzaldehyde

Concen: 28.184 ng

RT: 7.82 min Scan# 770

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

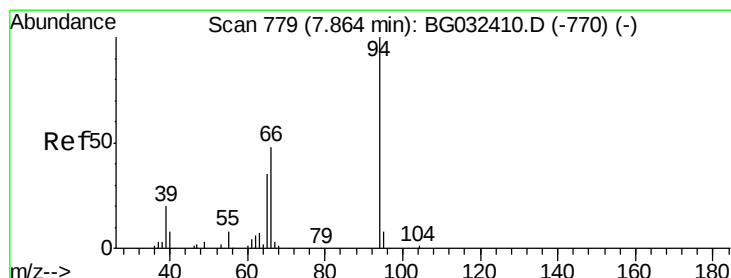
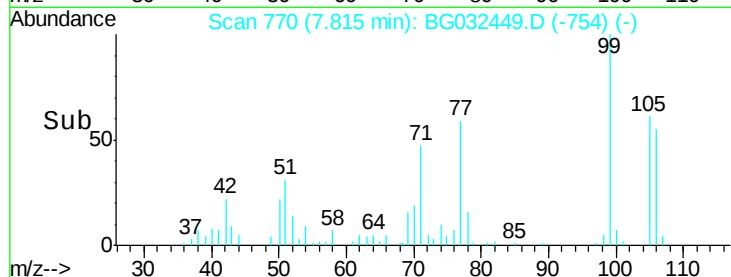
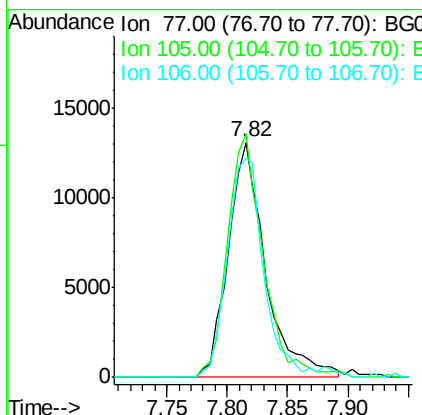
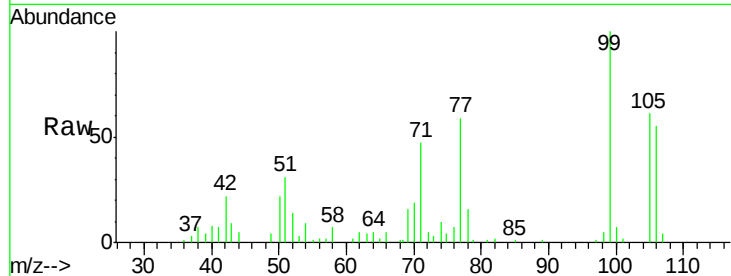
PB106183BS

Tgt Ion: 77 Resp: 28243

Ion	Ratio	Lower	Upper
77	100		
105	103.7	71.3	111.3
106	93.4	64.2	104.2

Manual Integrations
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#10

Phenol

Concen: 48.062 ng

RT: 7.87 min Scan# 779

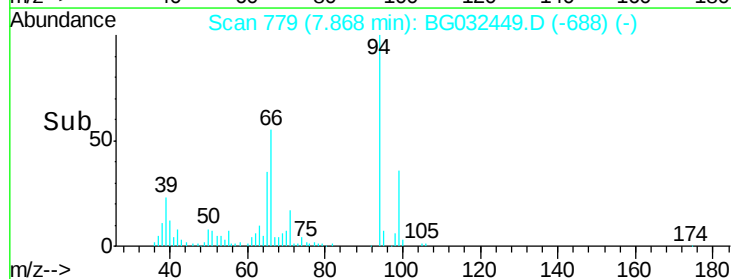
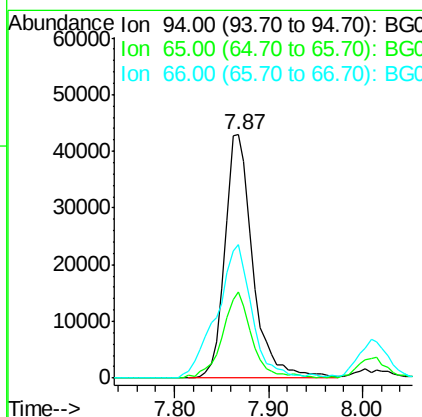
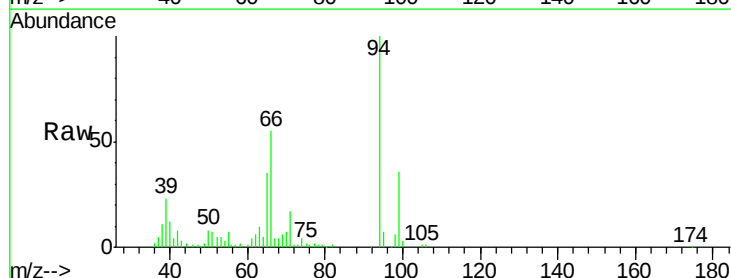
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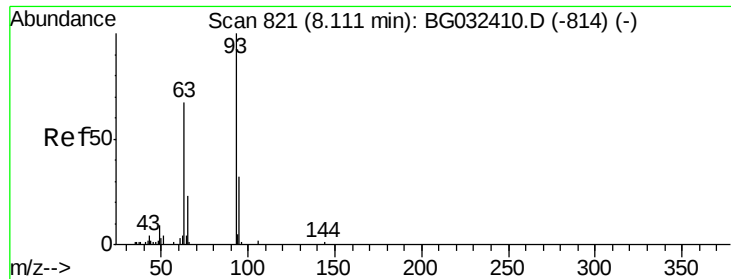
Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Tgt Ion: 94 Resp: 88555

Ion	Ratio	Lower	Upper
94	100		
65	35.2	11.9	51.9
66	55.1	22.2	62.2





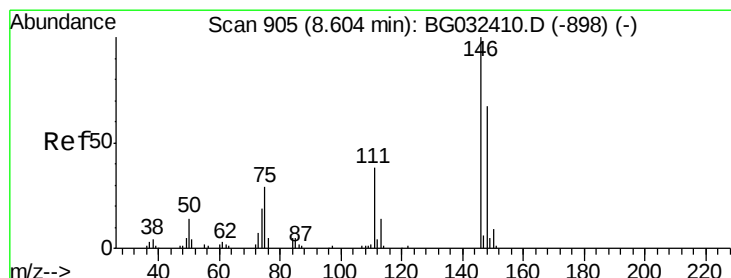
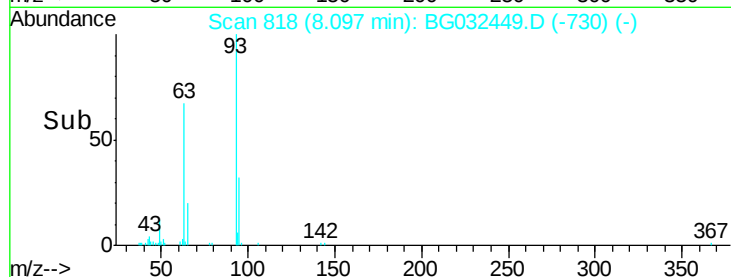
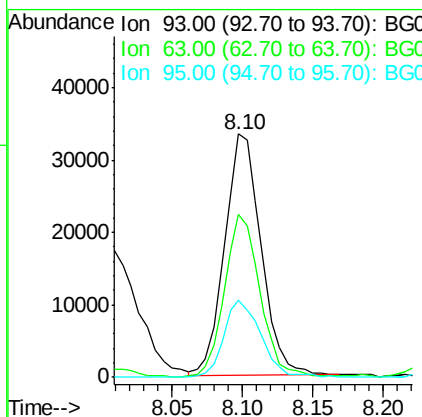
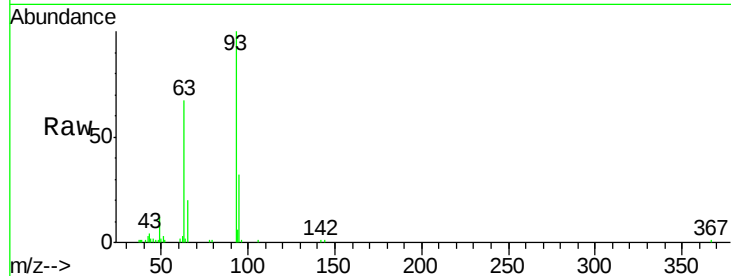
#11
bis(2-Chloroethyl)ether
Concen: 42.632 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
PB106183BS

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	59851		
63	66.9	67.1	107.1#	
95	31.8	11.5	51.5	

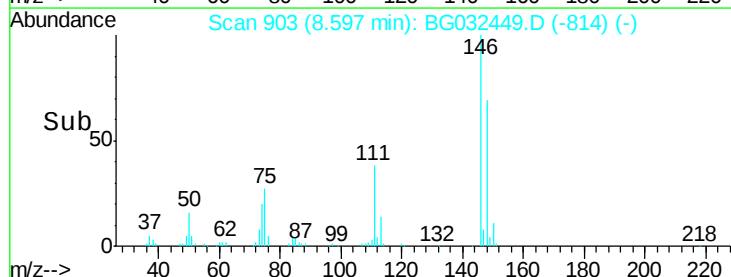
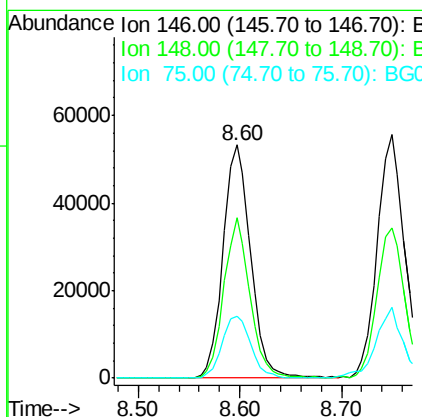
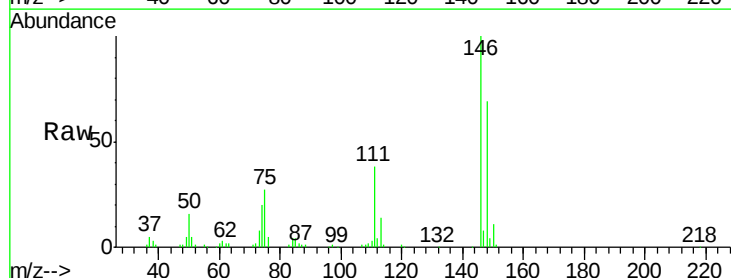
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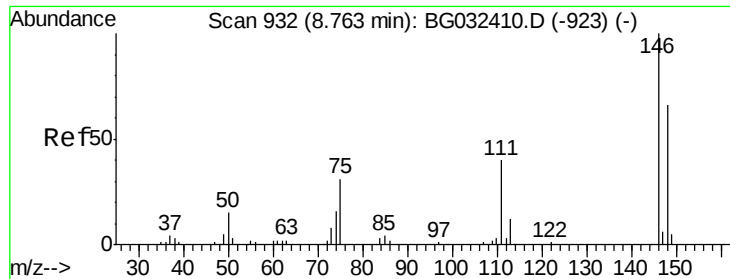
Sohil
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#12
1,3-Dichlorobenzene
Concen: 43.224 ng
RT: 8.60 min Scan# 903
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	100466		
148	68.7	51.4	77.2	
75	26.7	26.6	39.8	





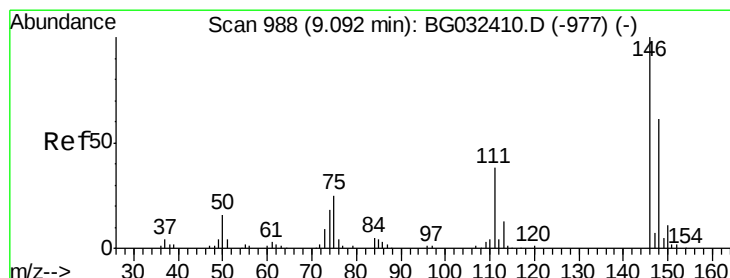
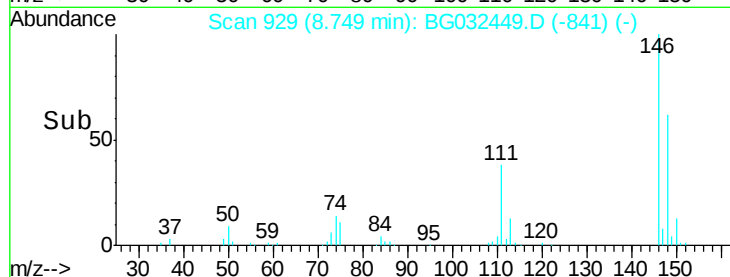
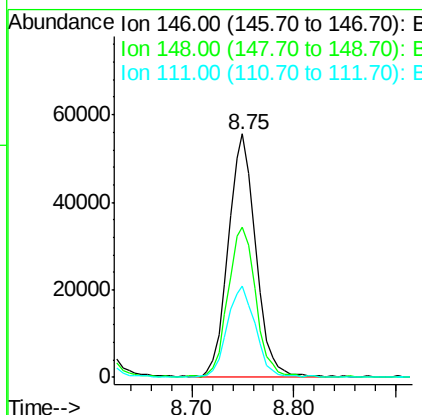
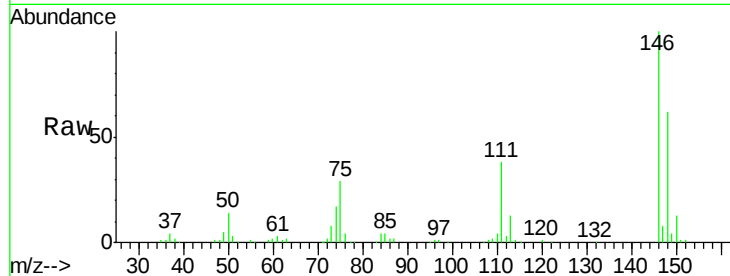
#13
 1,4-Dichlorobenzene
 Concen: 44.971 ng
 RT: 8.75 min Scan# 929
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :
 PB106183BS

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.8	53.7	80.5
111	37.6	35.2	52.8

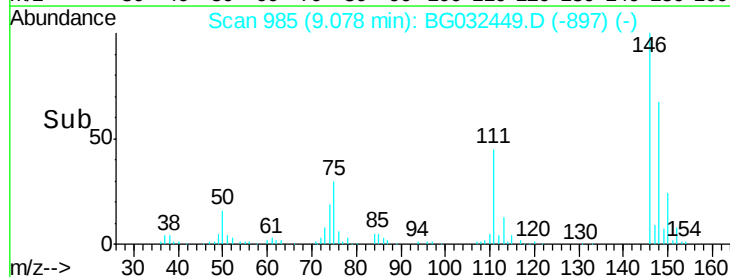
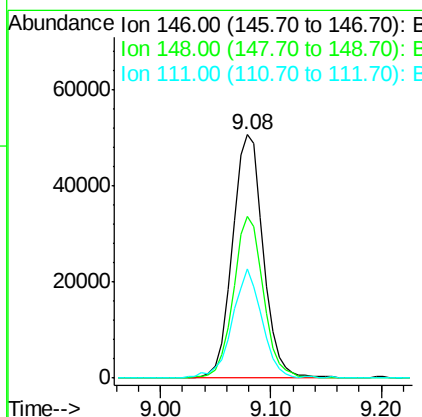
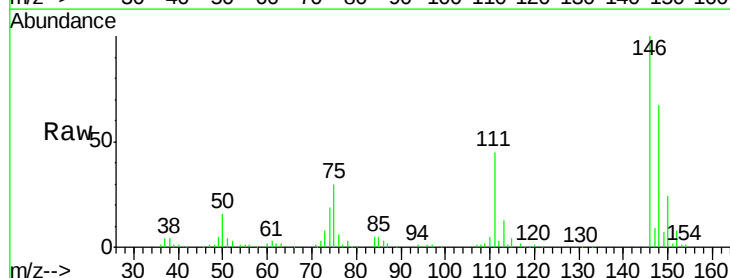
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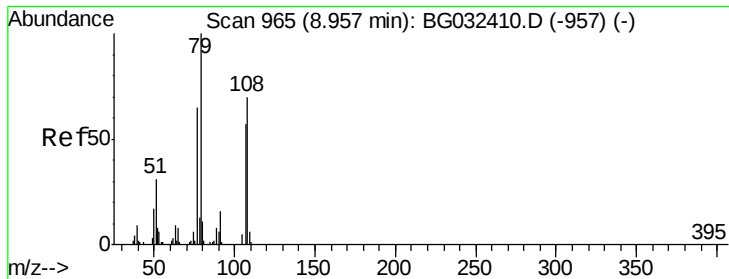
Sohil
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#14
 1,2-Dichlorobenzene
 Concen: 43.328 ng
 RT: 9.08 min Scan# 985
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.5	49.3	73.9
111	44.8	34.3	51.5





#15

Benzyl Alcohol

Concen: 44.356 ng

RT: 8.95 min Scan# 963

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

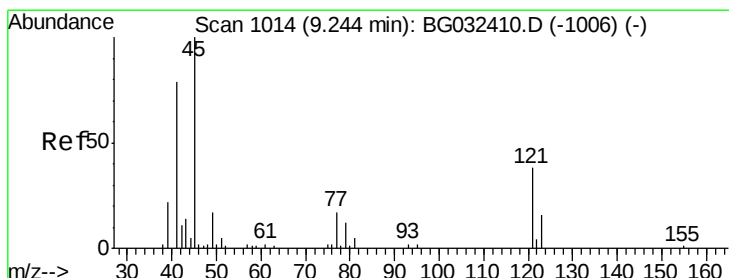
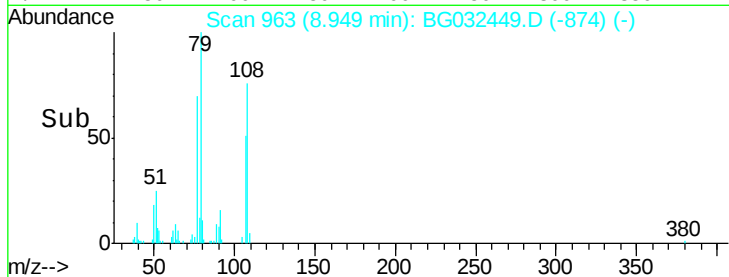
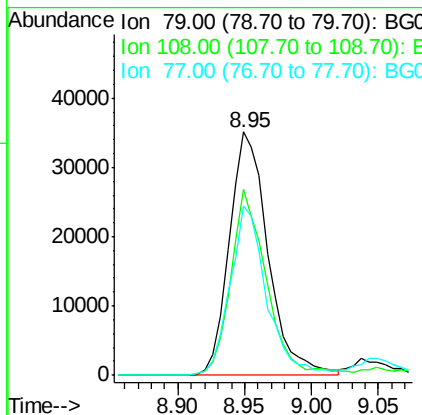
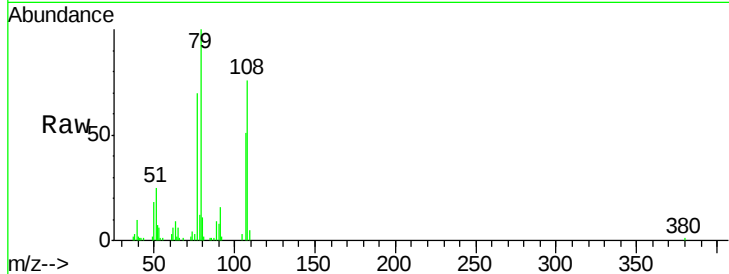
ClientSampleId :

PB106183BS

Tgt Ion:	79	Resp:	70928
Ion	Ratio	Lower	Upper
79	100		
108	76.2	57.2	85.8
77	69.8	46.1	69.1#

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.239 ng

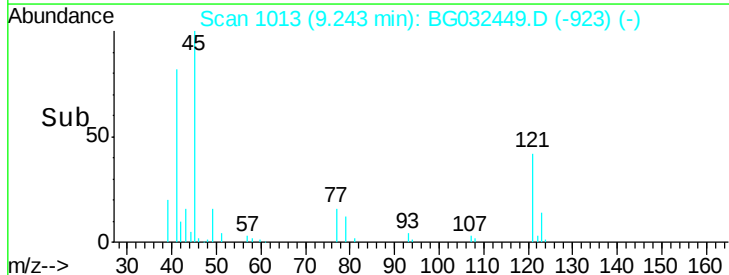
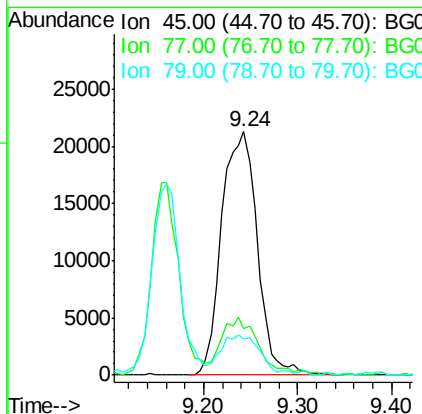
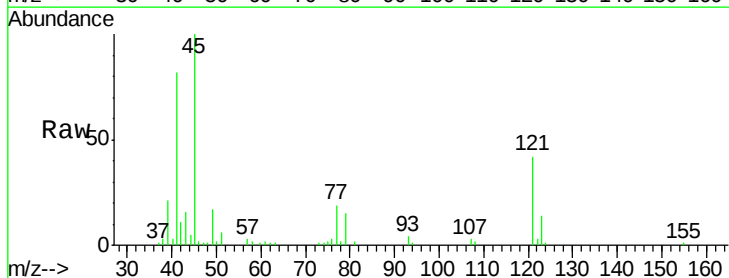
RT: 9.24 min Scan# 1013

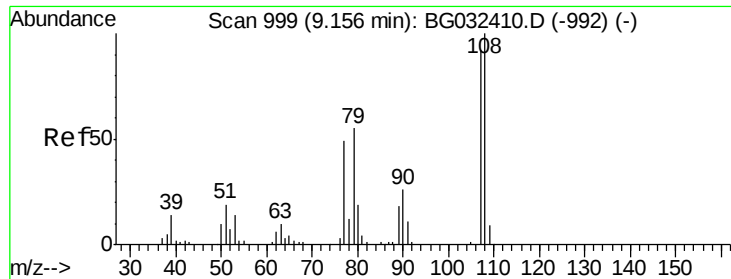
Delta R.T. -0.00 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

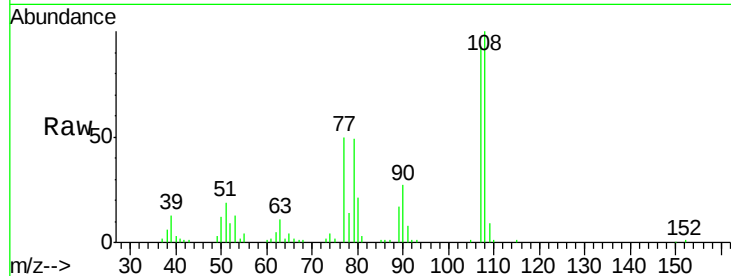
Tgt Ion:	45	Resp:	56191
Ion	Ratio	Lower	Upper
45	100		
77	18.9	0.0	30.2
79	14.8	0.0	27.9





#17
2-Methylphenol
Concen: 40.985 ng
RT: 9.16 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

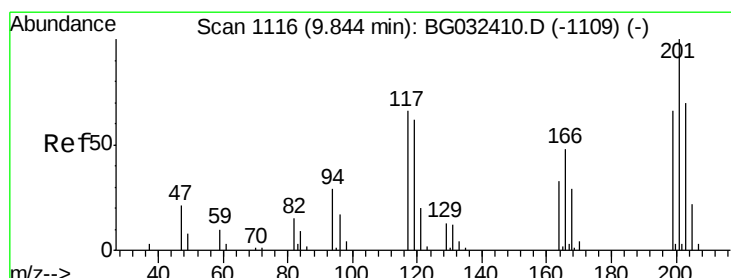
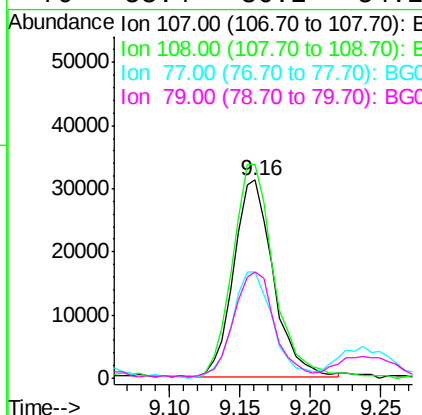
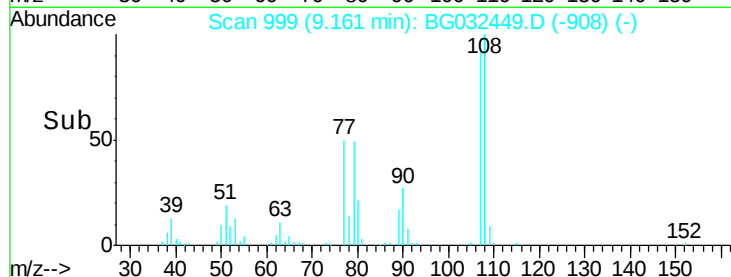
Instrument :
BNA_G
ClientSampled :
PB106183BS



Tgt Ion	Ratio	Resp	Lower	Upper
107	100	61333		
108	108.0	83.9	125.9	
77	53.8	37.2	55.8	
79	53.4	36.2	54.2	

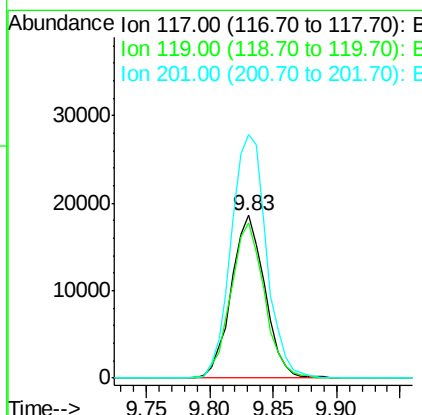
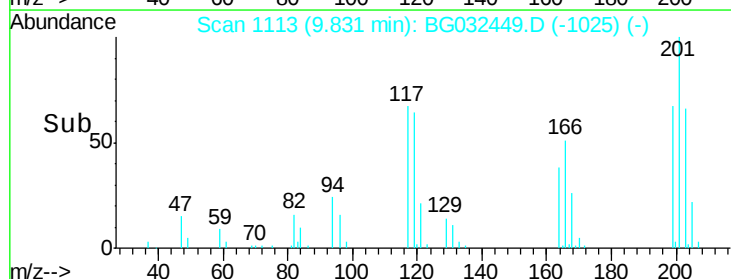
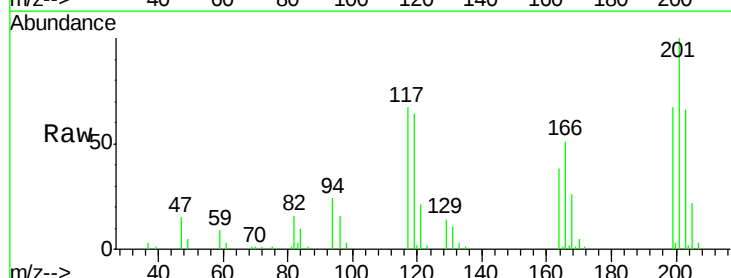
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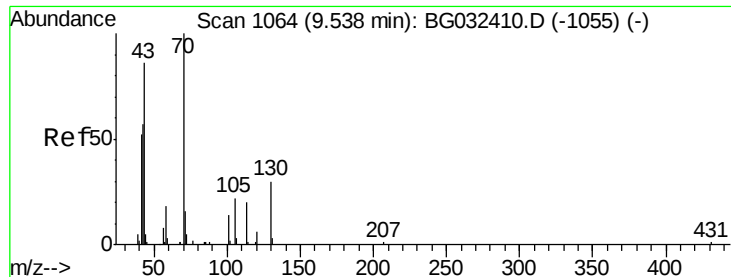
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#18
Hexachloroethane
Concen: 43.422 ng
RT: 9.83 min Scan# 1113
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	33963		
119	95.2	76.7	115.1	
201	149.8	95.7	143.5	





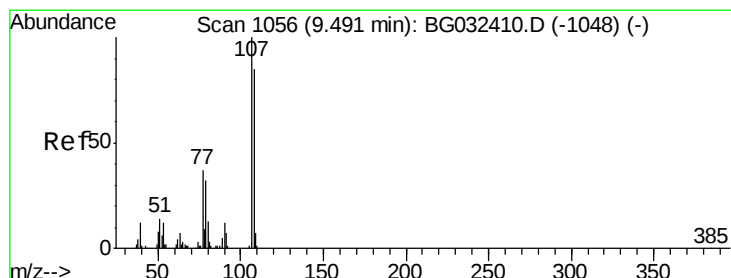
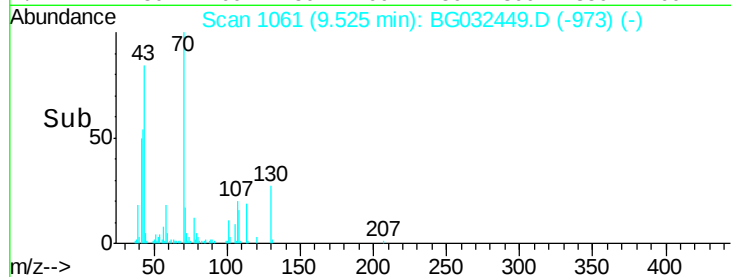
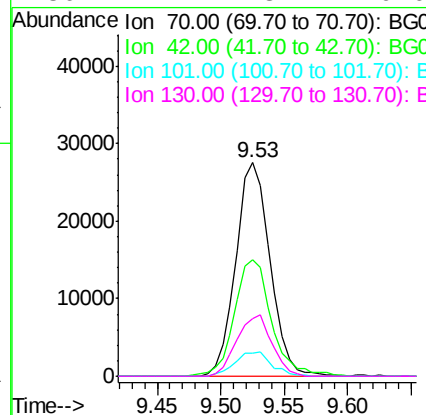
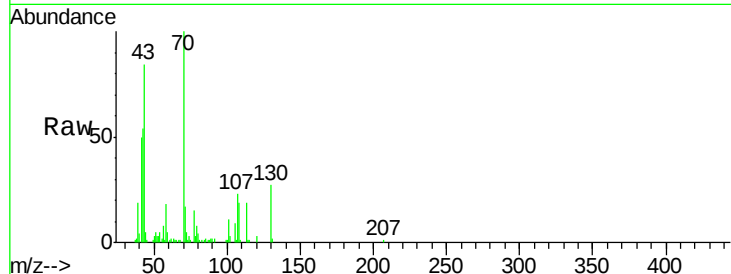
#19
n-Nitroso-di-n-propylamine
Concen: 40.086 ng
RT: 9.53 min Scan# 1061
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
PB106183BS

Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.3	49.1	73.7
101	11.0	8.5	12.7
130	27.1	13.4	20.0

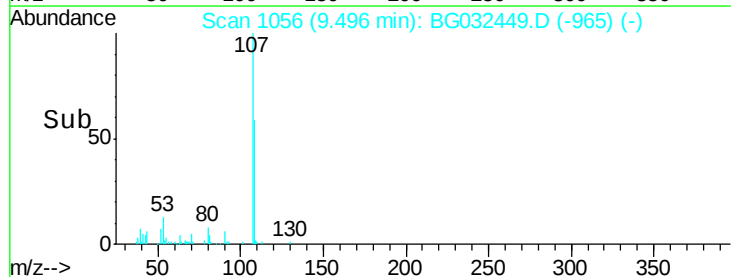
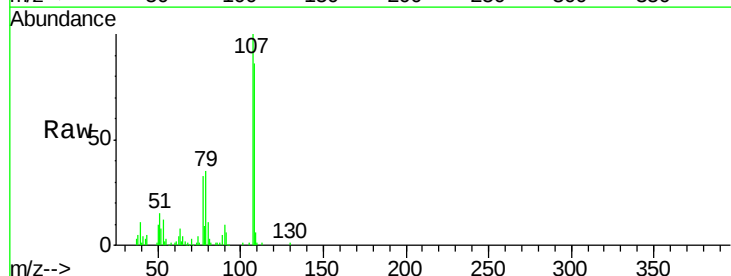
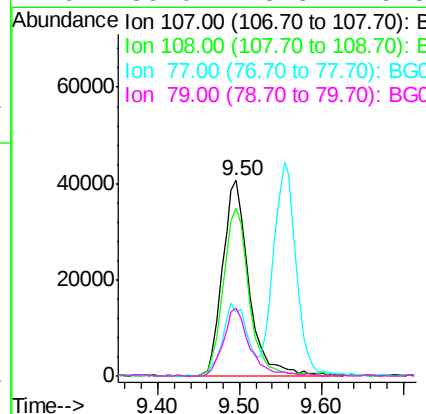
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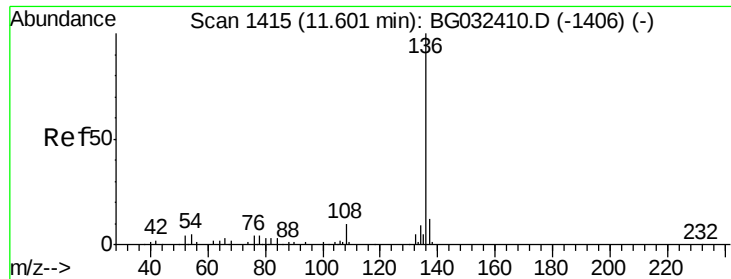
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#20
3+4-Methylphenols
Concen: 43.547 ng
RT: 9.50 min Scan# 1056
Delta R.T. 0.00 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
107	100		
108	85.7	61.6	101.6
77	33.1	13.9	53.9
79	35.0	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

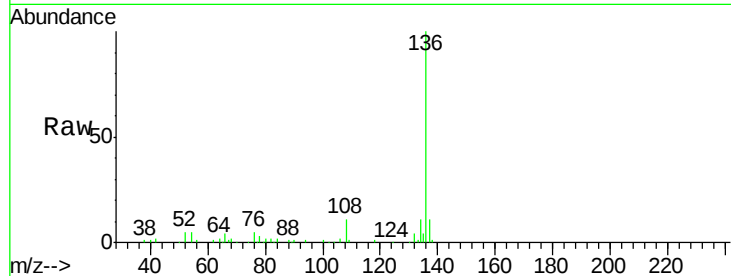
ClientSampleId :

PB106183BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	110506		
137	11.4	9.2	13.8	
54	4.7	10.3	15.5	
68	1.8	4.5	6.7	

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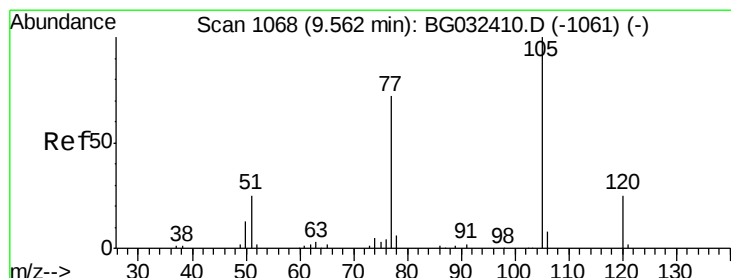
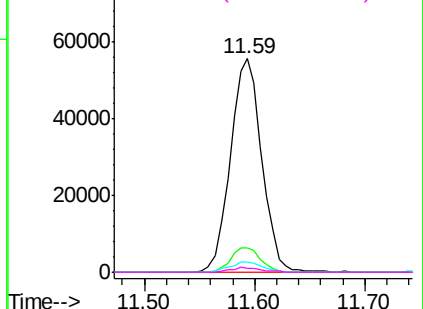
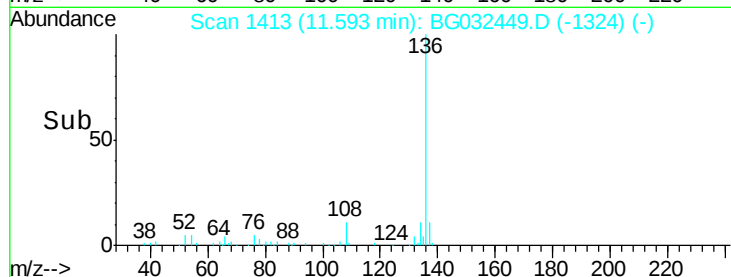
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#22

Acetophenone

Concen: 43.444 ng

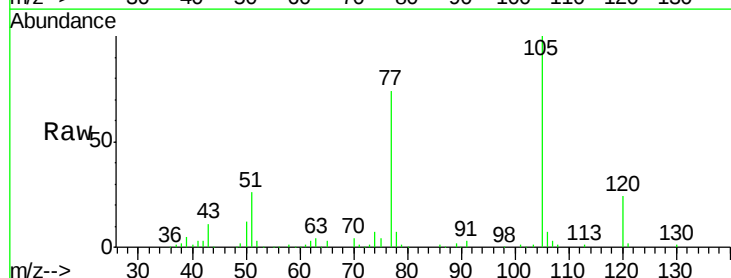
RT: 9.55 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	112537		
71	0.5	3.0	4.4	
51	26.1	26.1	39.1	
120	23.6	17.4	26.2	



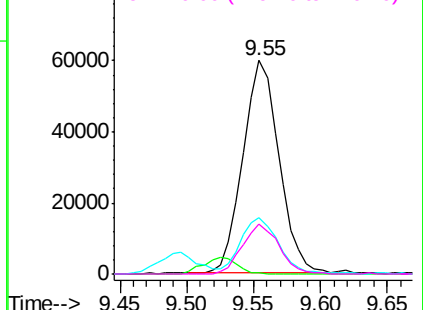
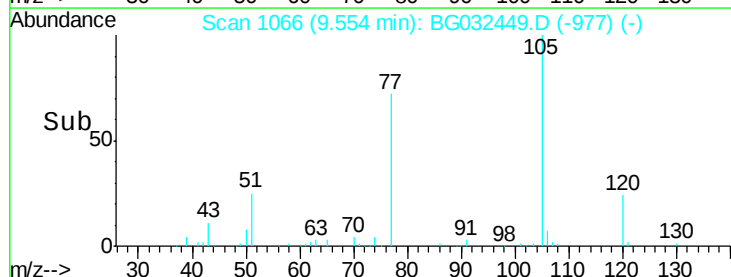
Abundance

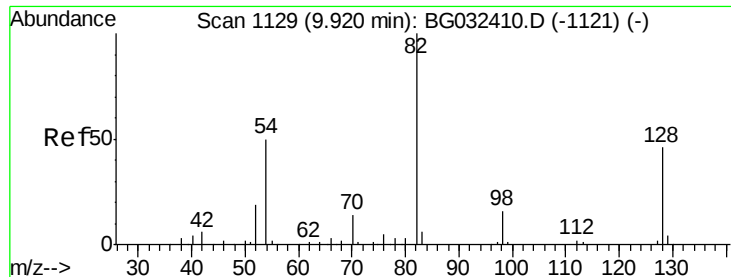
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BG

Ion 51.00 (50.70 to 51.70): BG

Ion 120.00 (119.70 to 120.70): E





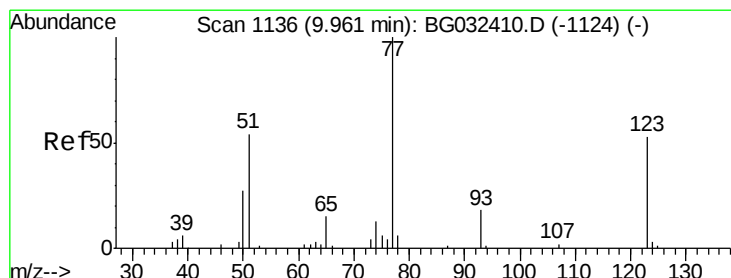
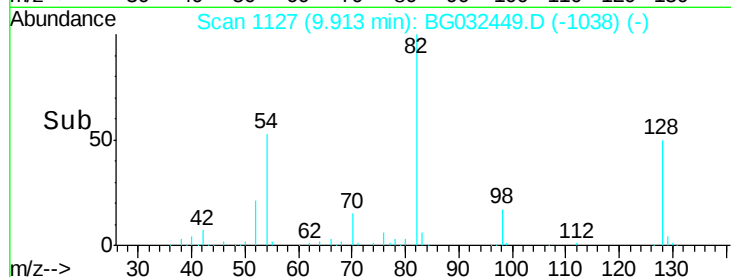
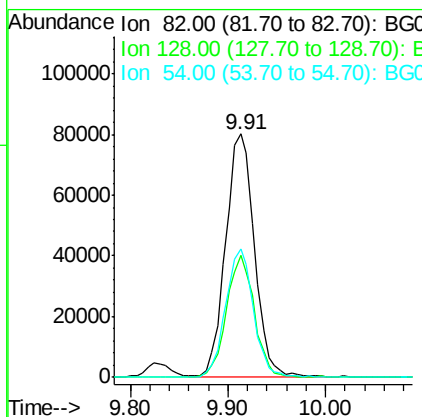
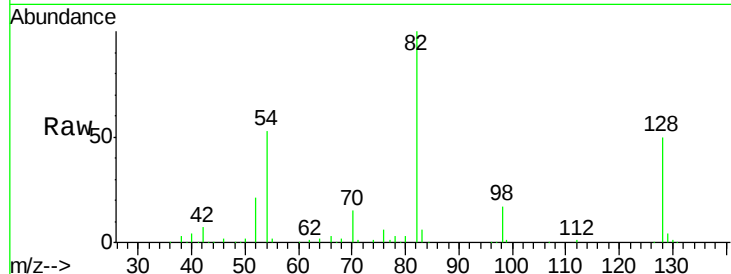
#23
Nitrobenzene-d5
Concen: 92.231 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Instrument :
BNA_G
ClientSampled :
PB106183BS

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	163176		
128	50.1	29.7	44.5#	
54	52.8	43.1	64.7	

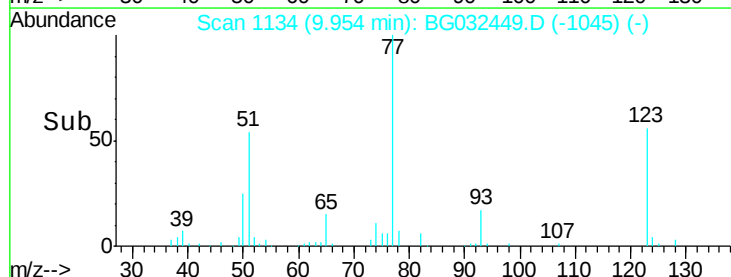
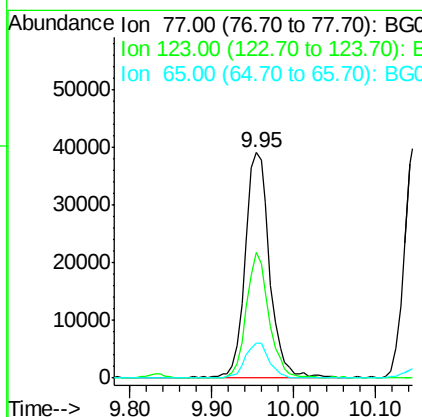
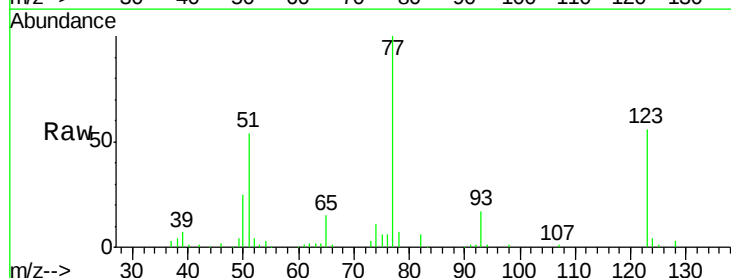
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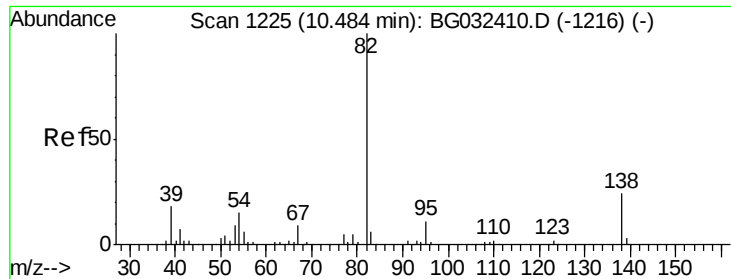
Sohil
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#24
Nitrobenzene
Concen: 47.652 ng
RT: 9.95 min Scan# 1134
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	81523		
123	55.6	33.0	49.6#	
65	15.4	13.0	19.6	





#25

Isophorone

Concen: 47.312 ng

RT: 10.48 min Scan# 1223

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

PB106183BS

Tgt Ion: 82 Resp: 142526

Ion Ratio Lower Upper

82 100

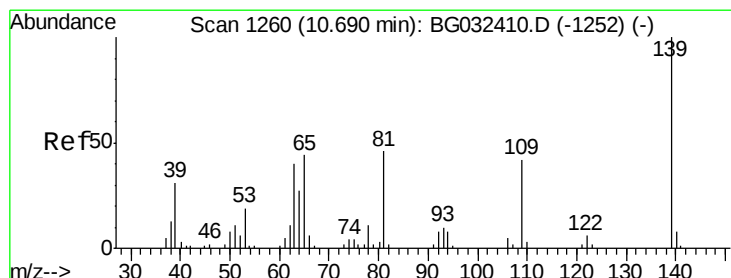
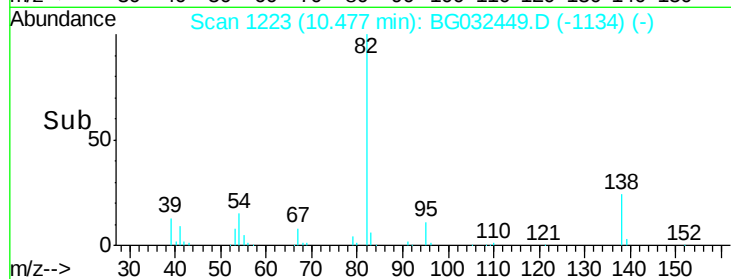
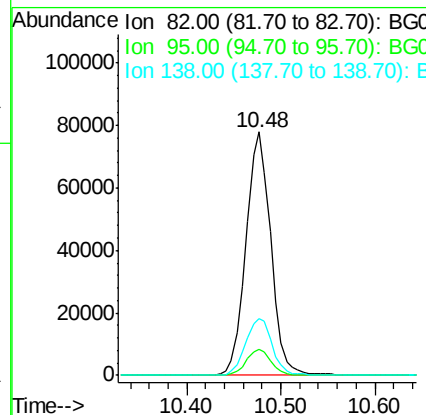
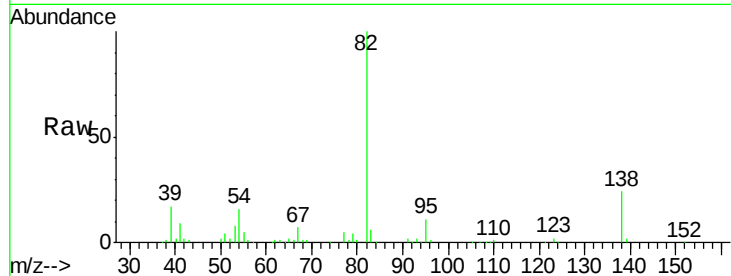
95 10.9 6.2 9.2#

138 23.5 12.1 18.1#

Manual Integrations
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#26

2-Nitrophenol

Concen: 48.997 ng

RT: 10.68 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

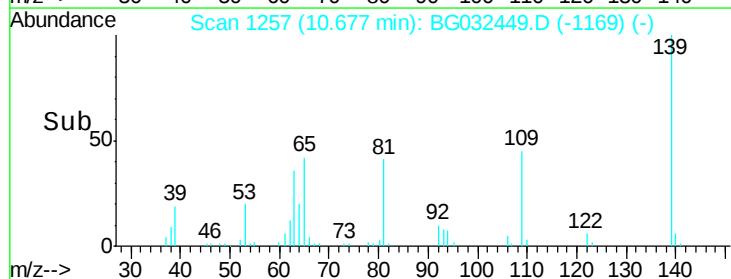
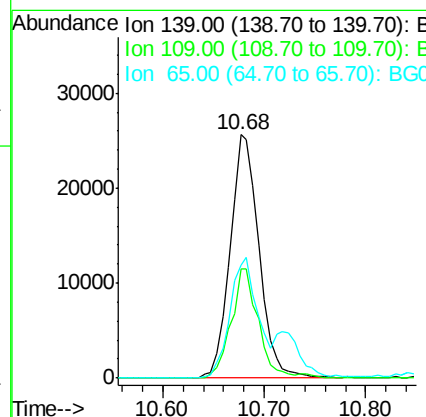
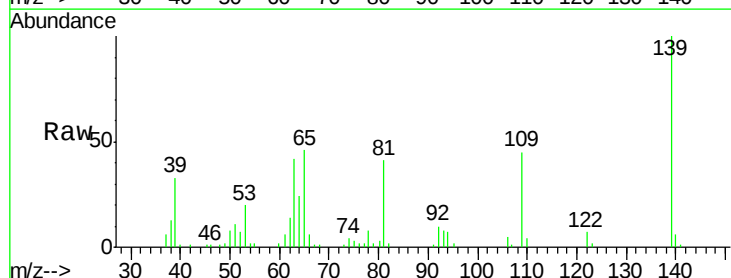
Tgt Ion: 139 Resp: 50671

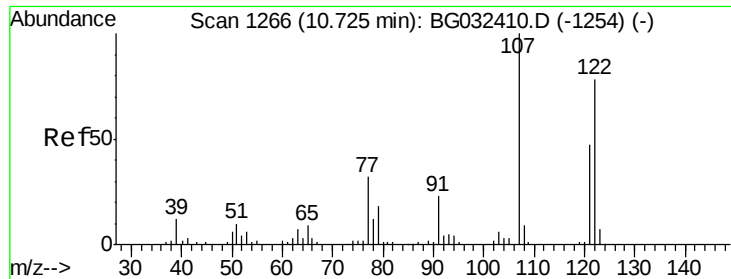
Ion Ratio Lower Upper

139 100

109 44.7 24.2 36.2#

65 46.5 47.4 71.0#





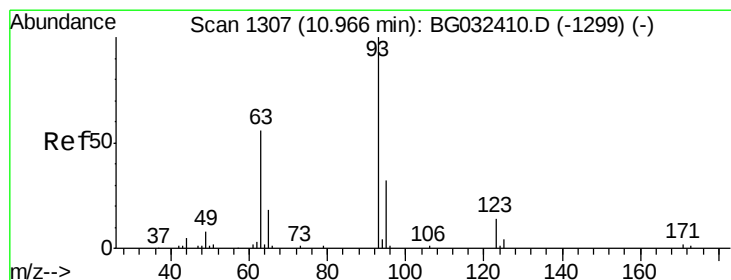
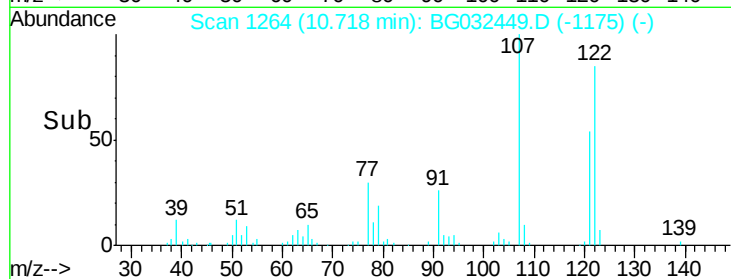
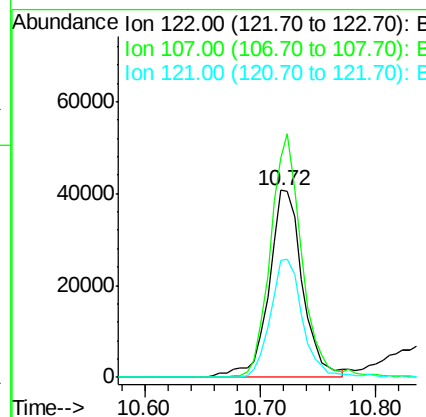
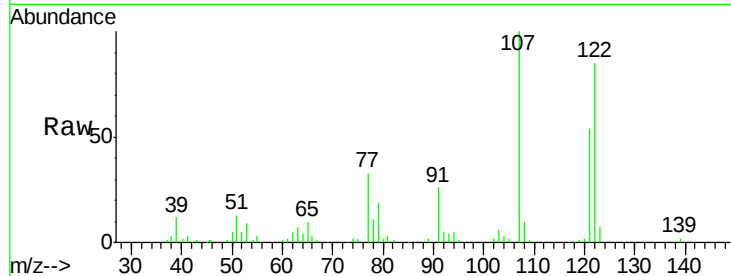
#27
2,4-Dimethylphenol
Concen: 55.525 ng
RT: 10.72 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
PB106183BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.3	100.2	150.2
121	62.8	44.4	66.6

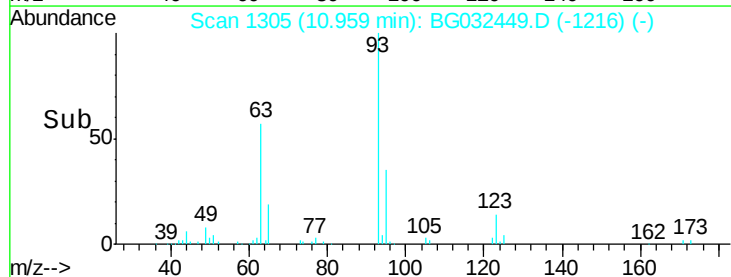
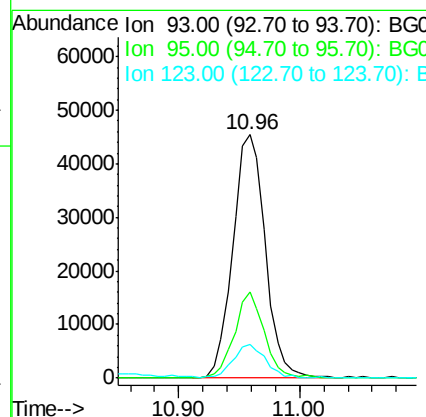
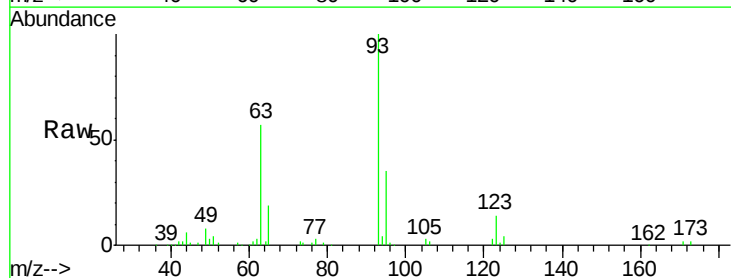
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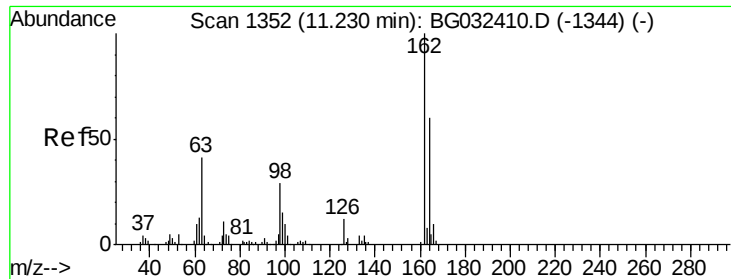
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#28
bis(2-Chloroethoxy)methane
Concen: 51.567 ng
RT: 10.96 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
93	100		
95	35.3	24.3	36.5
123	13.9	8.4	12.6#





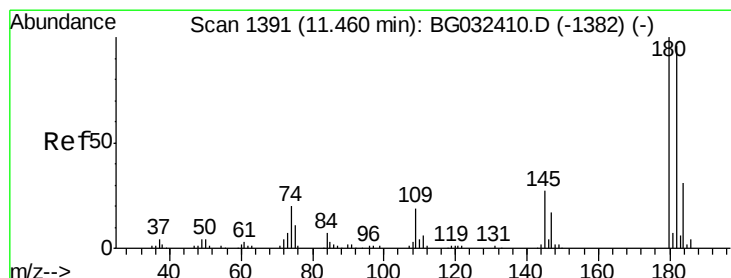
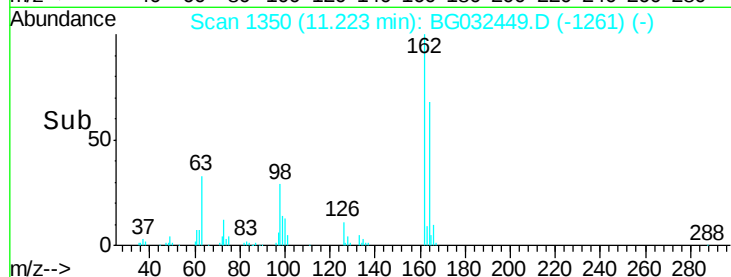
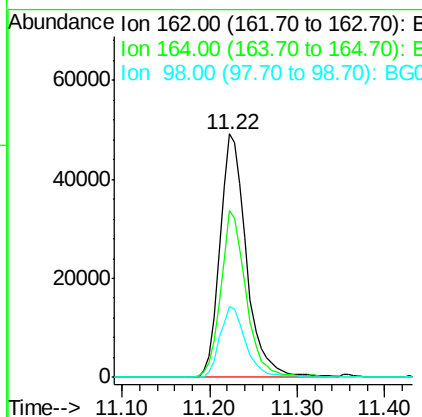
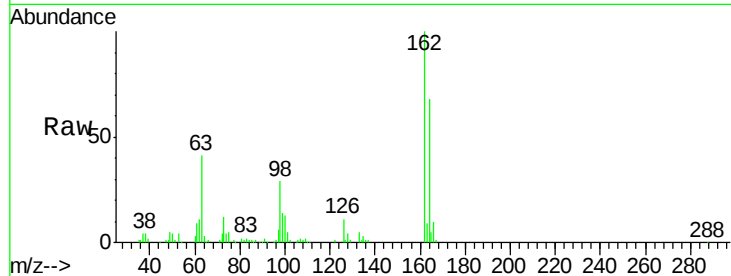
#29
 2,4-Dichlorophenol
 Concen: 52.275 ng
 RT: 11.22 min Scan# 1350
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :
 PB106183BS

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	102791		
164	68.4	48.0	88.0	
98	29.0	21.1	61.1	

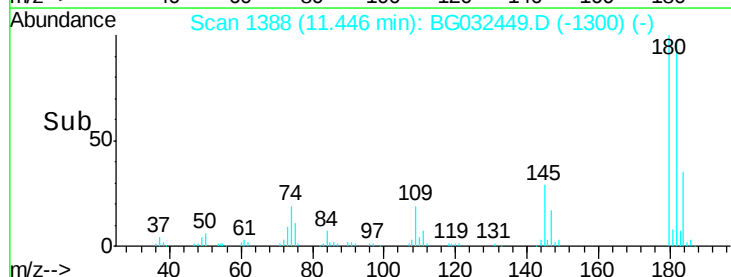
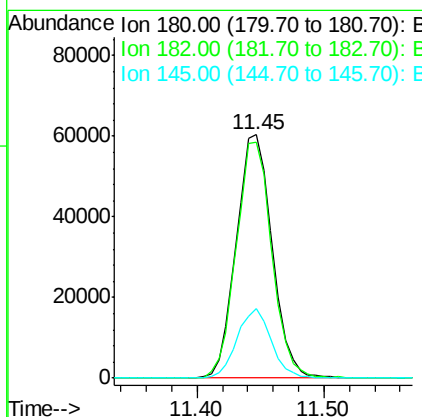
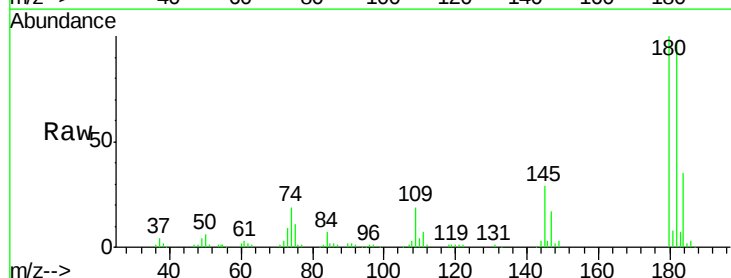
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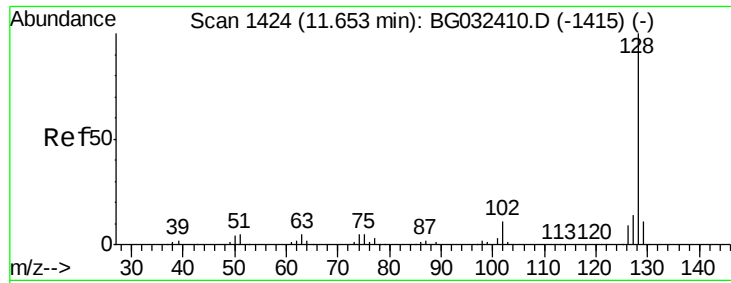
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#30
 1,2,4-Trichlorobenzene
 Concen: 45.271 ng
 RT: 11.45 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	118646		
182	97.1	77.5	116.3	
145	28.8	23.4	35.2	





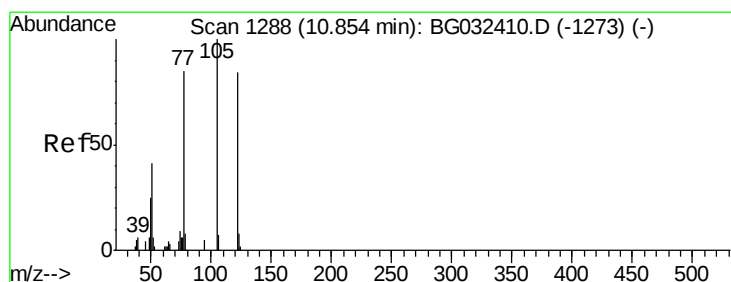
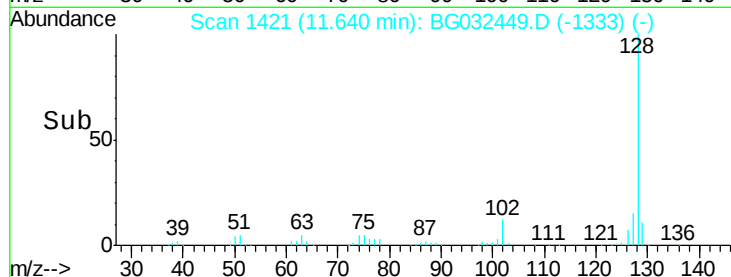
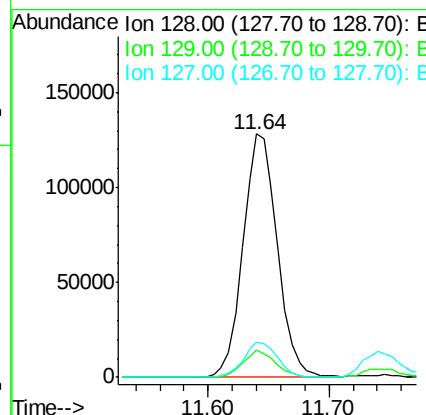
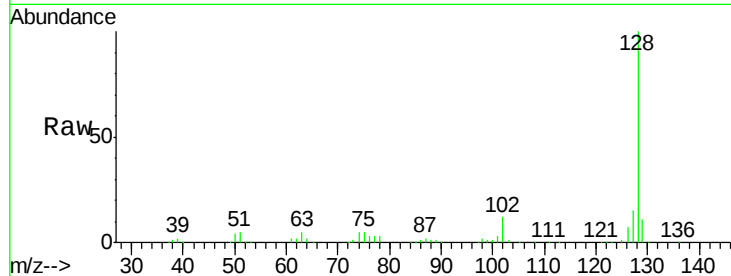
#31
Naphthalene
Concen: 46.772 ng
RT: 11.64 min Scan# 1421
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
PB106183BS

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	14.6	11.6	17.4

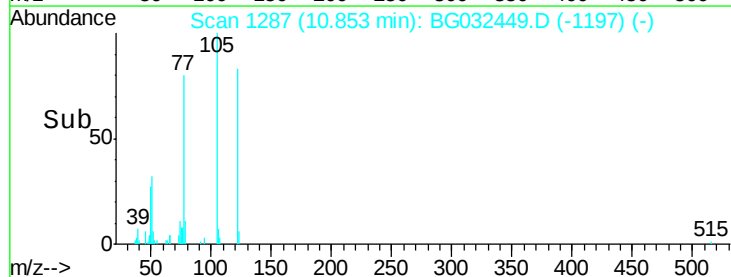
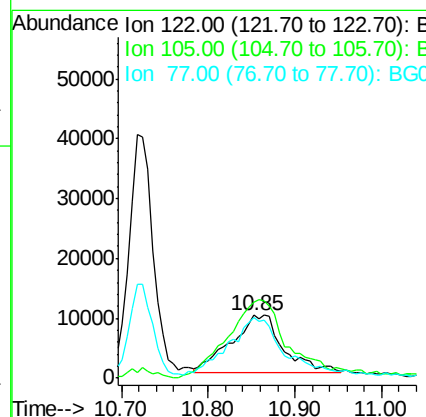
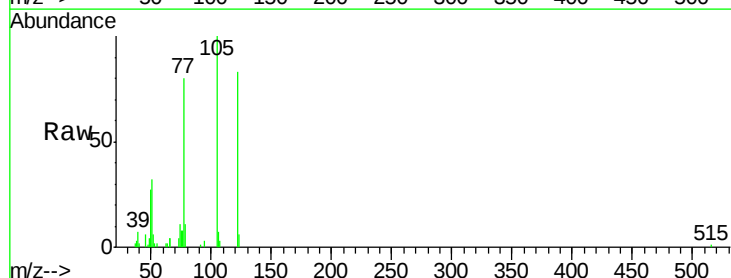
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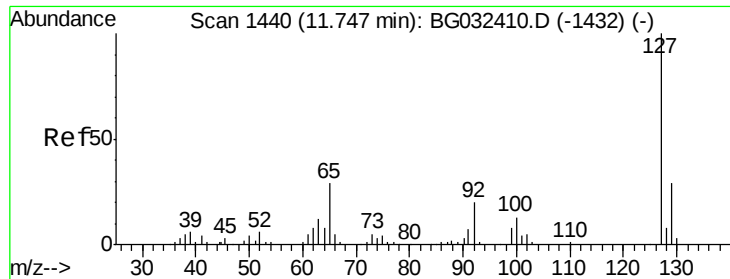
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#32
Benzoic acid
Concen: 37.791 ng m
RT: 10.85 min Scan# 1287
Delta R.T. -0.00 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.1	123.5	163.5#
77	97.0	85.7	125.7





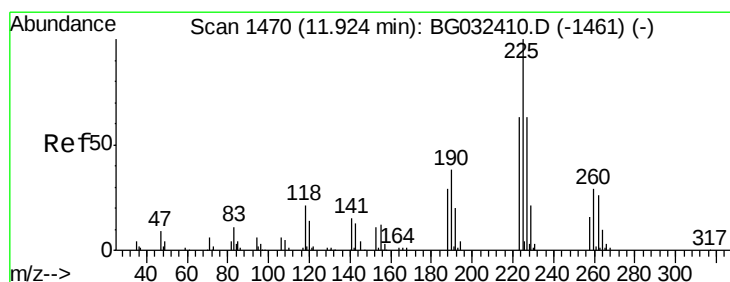
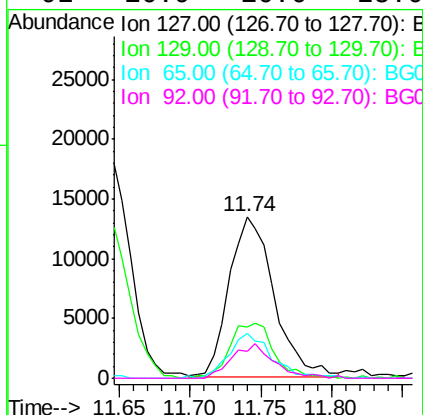
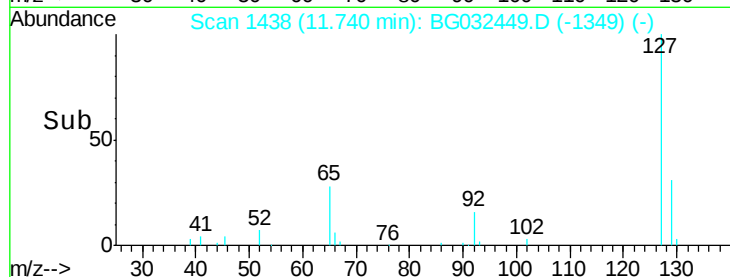
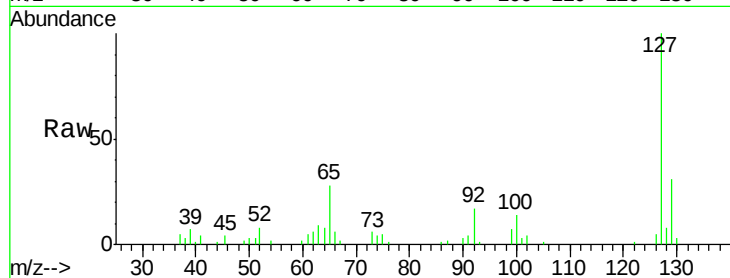
#33
4-Chloroaniline
Concen: 12.359 ng
RT: 11.74 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
PB106183BS

Tgt Ion	Ratio	Lower	Upper
127	100		
129	31.5	24.0	36.0
65	27.9	27.0	40.4
92	16.9	16.6	25.0

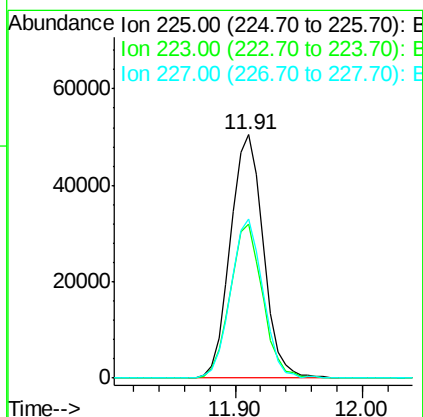
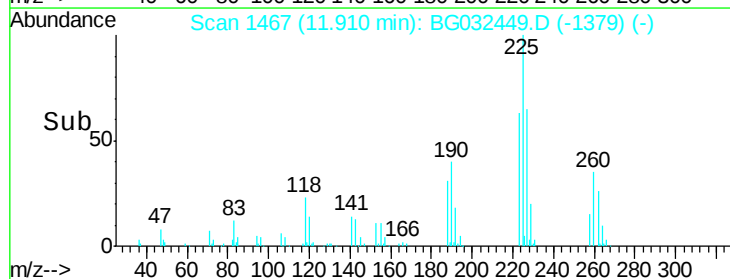
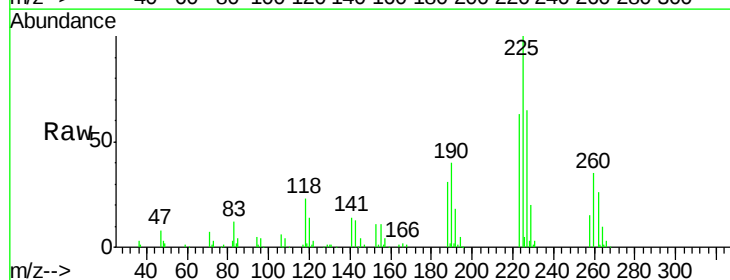
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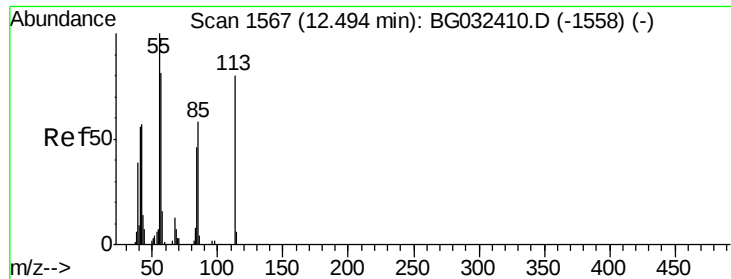
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#34
Hexachlorobutadiene
Concen: 44.328 ng
RT: 11.91 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	49.7	74.5
227	65.1	48.1	72.1





#35

Caprolactam

Concen: 52.718 ng

RT: 12.50 min Scan# 1568

Delta R.T. 0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

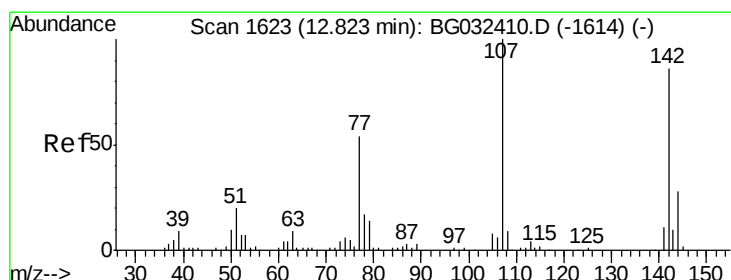
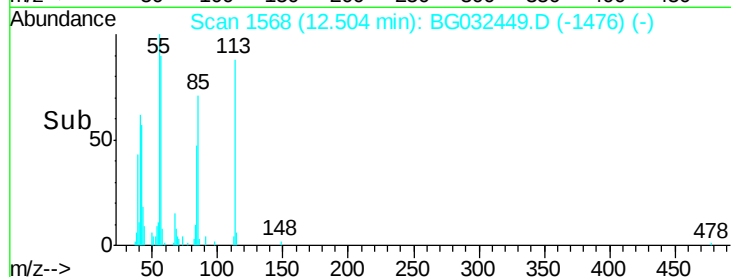
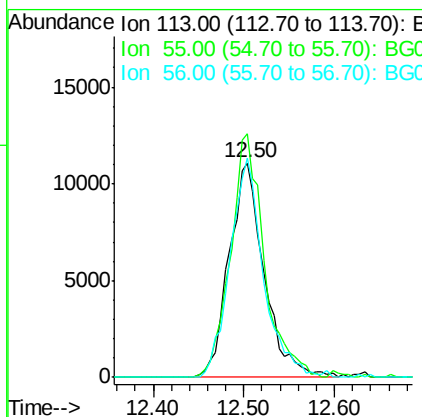
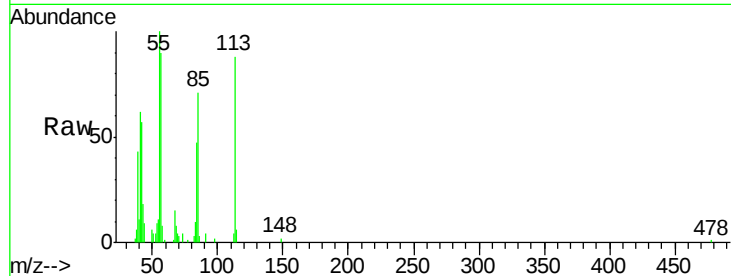
ClientSampleId :

PB106183BS

Tgt Ion:	113	Resp:	29759
Ion Ratio	Lower	Upper	
113	100		
55	113.6	186.9	226.9#
56	102.6	130.9	170.9#

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#36

4-Chloro-3-methylphenol

Concen: 51.950 ng

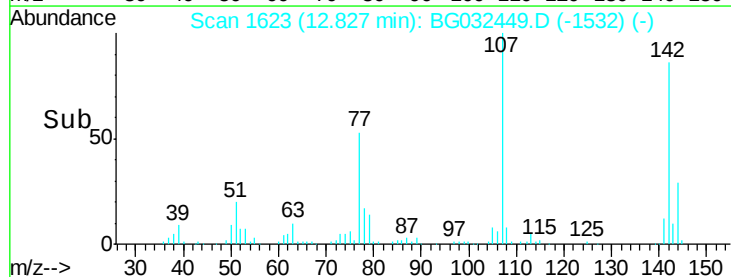
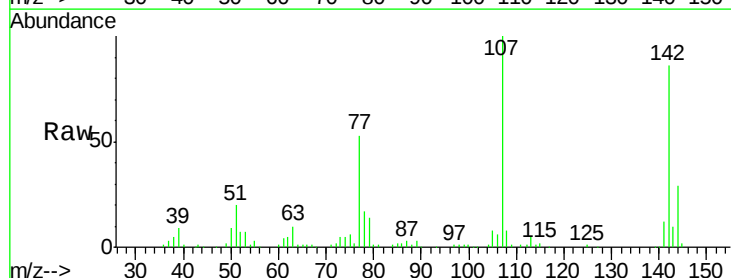
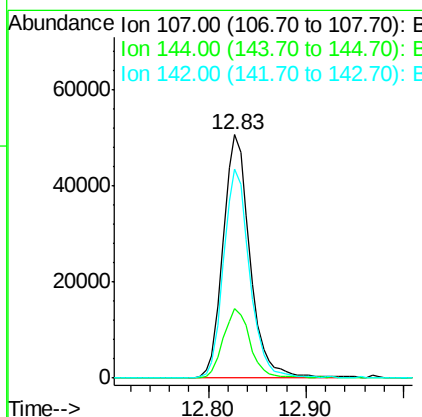
RT: 12.83 min Scan# 1623

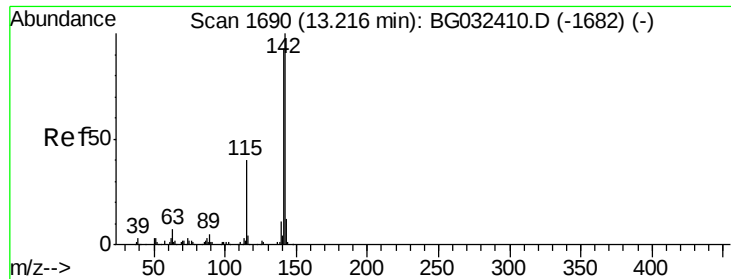
Delta R.T. 0.00 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Tgt Ion:	107	Resp:	96896
Ion Ratio	Lower	Upper	
107	100		
144	28.8	18.2	27.4#
142	85.8	59.0	88.4





#37

2-Methylnaphthalene

Concen: 46.310 ng

RT: 13.21 min Scan# 1688

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

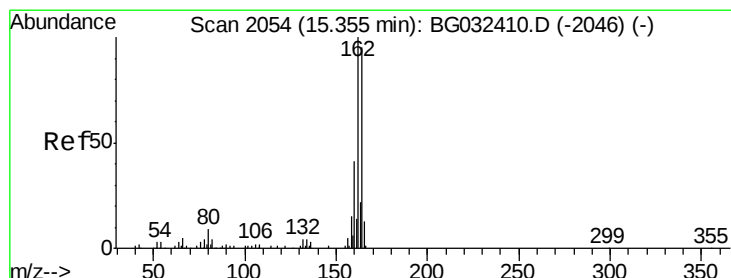
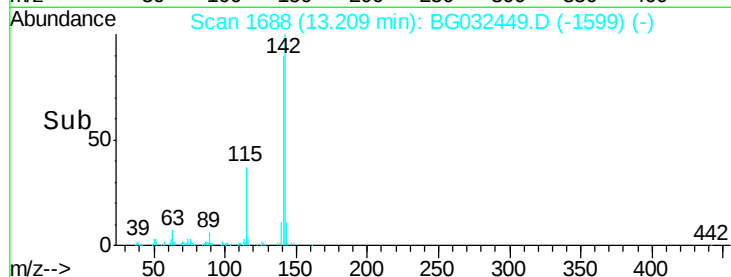
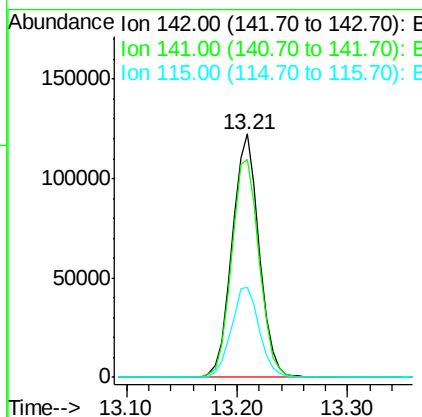
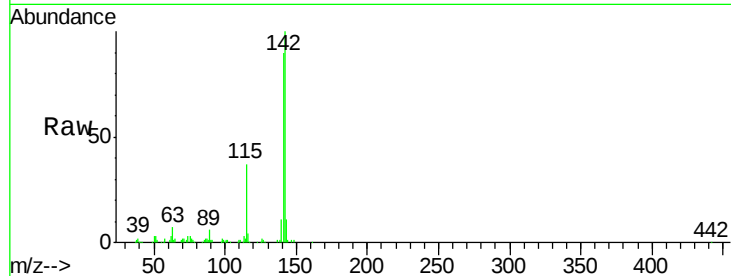
ClientSampleId :

PB106183BS

Tgt Ion:	142	Resp:	209984
Ion Ratio	Lower	Upper	
142	100		
141	89.5	67.1	100.7
115	37.2	30.7	46.1

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#38

Acenaphthene-d10

Concen: 20.000 ng

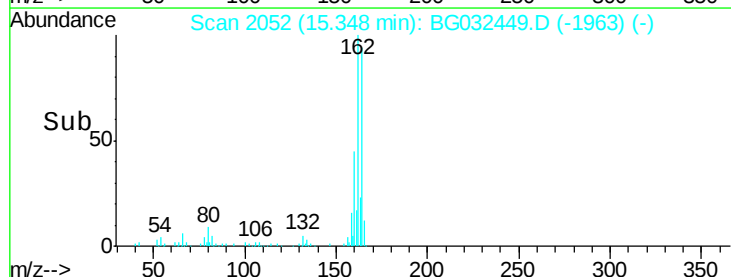
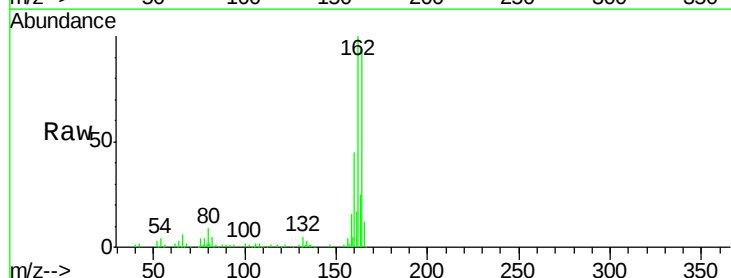
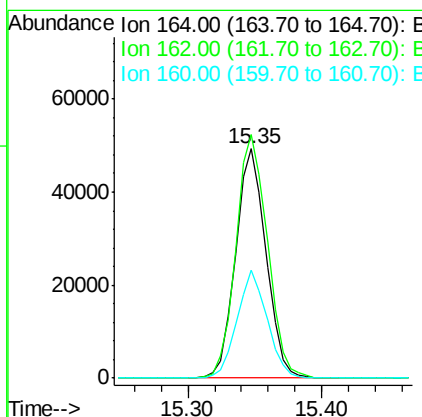
RT: 15.35 min Scan# 2052

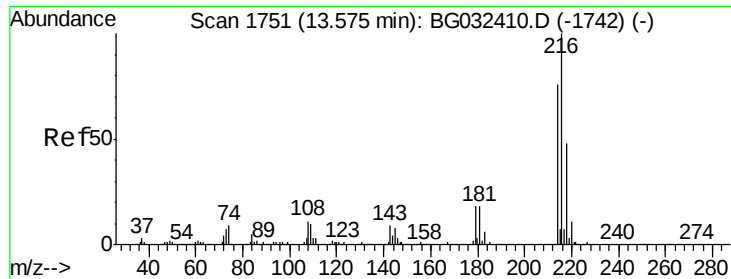
Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Tgt Ion:	164	Resp:	77666
Ion Ratio	Lower	Upper	
164	100		
162	106.1	78.8	118.2
160	47.3	35.4	53.0





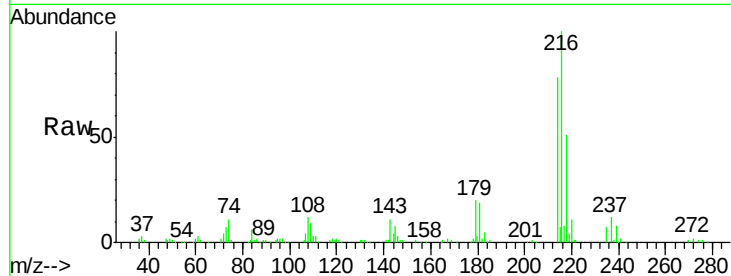
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 44.241 ng
 RT: 13.56 min Scan# 1748
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :
 PB106183BS

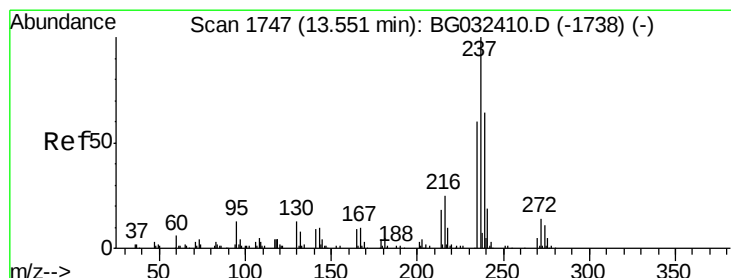
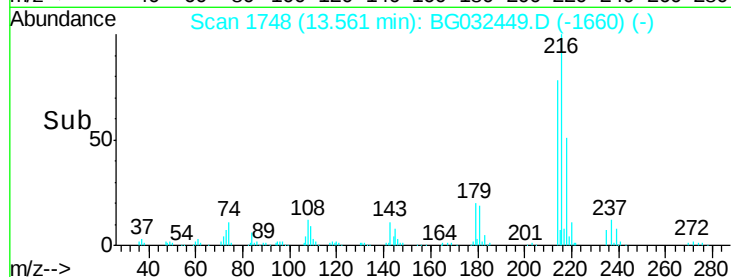
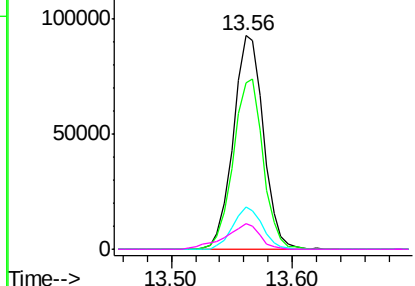
Tgt Ion	Ratio	Resp	Lower	Upper
216	100	160748		
214	79.0	63.0	94.4	
179	19.3	17.0	25.6	
108	13.6	12.8	19.2	

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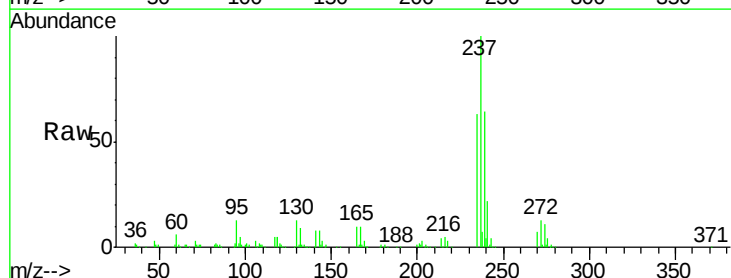


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

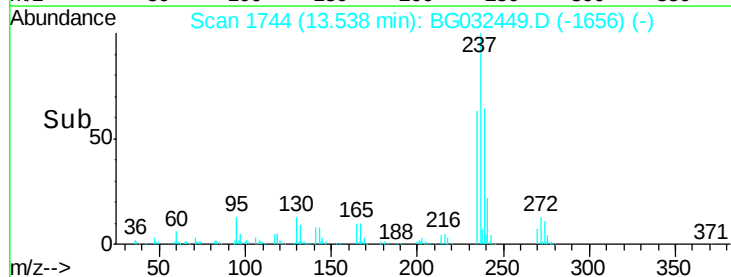
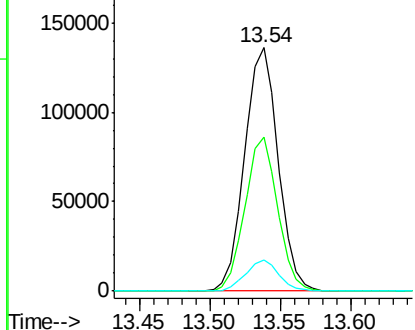


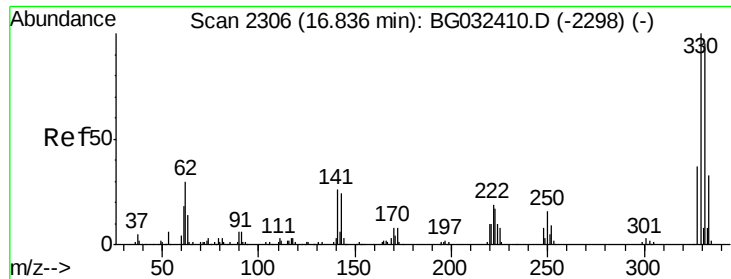
#40
 Hexachlorocyclopentadiene
 Concen: 99.779 ng
 RT: 13.54 min Scan# 1744
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	226520		
235	63.4	50.4	90.4	
272	12.8	0.0	31.8	



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 149.732 ng

RT: 16.83 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

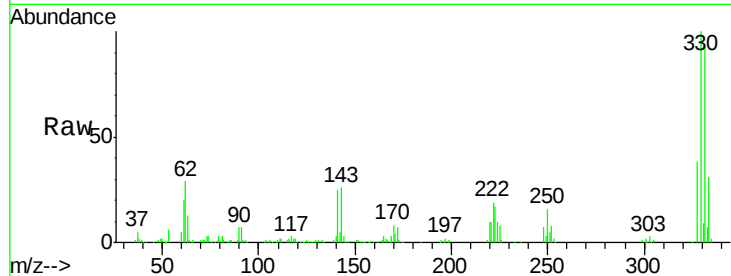
ClientSampleId :

PB106183BS

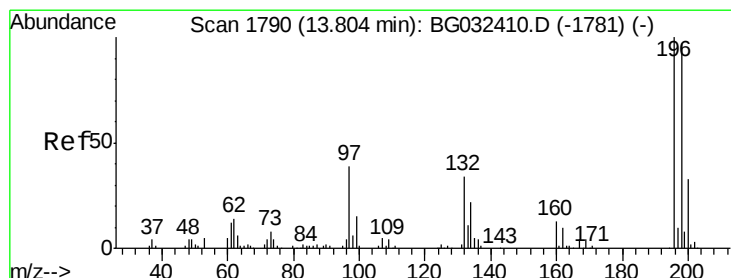
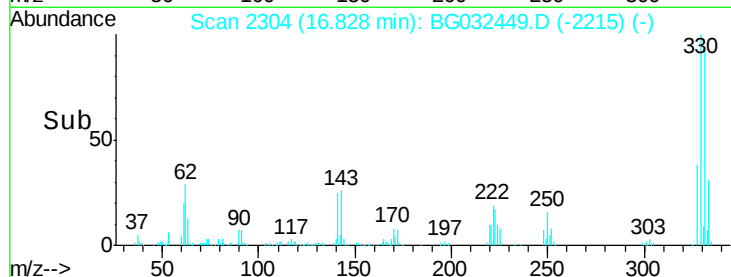
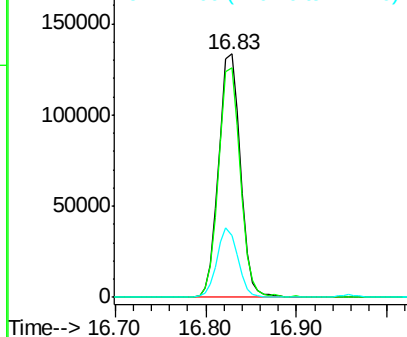
Tgt Ion:	330	Resp:	221360
Ion Ratio	Lower	Upper	
330	100		
332	94.2	77.0	115.6
141	27.7	25.2	37.8

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 51.766 ng

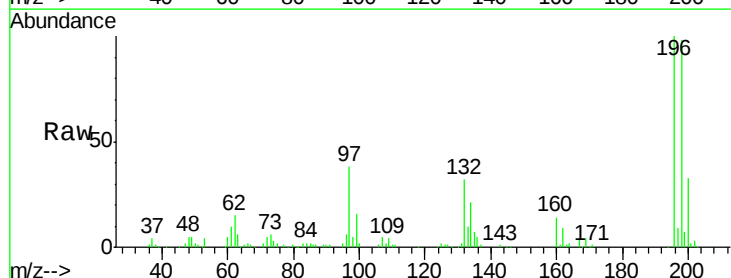
RT: 13.80 min Scan# 1788

Delta R.T. -0.01 min

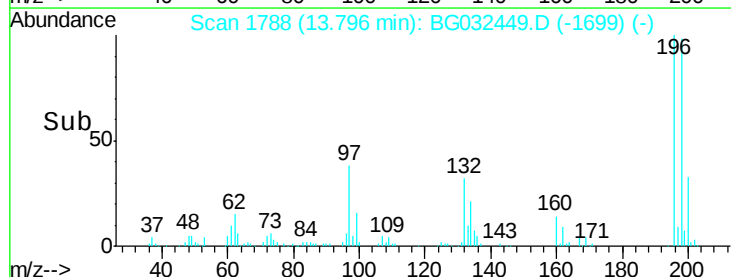
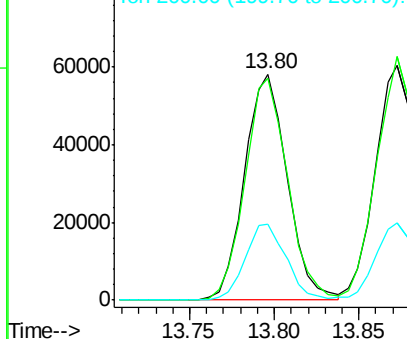
Lab File: BG032449.D

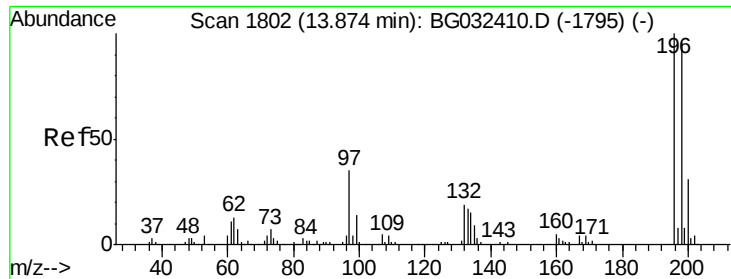
Acq: 30 Jan 2018 19:44

Tgt Ion:	196	Resp:	102309
Ion Ratio	Lower	Upper	
196	100		
198	98.5	78.2	117.2
200	33.4	24.6	36.8



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E





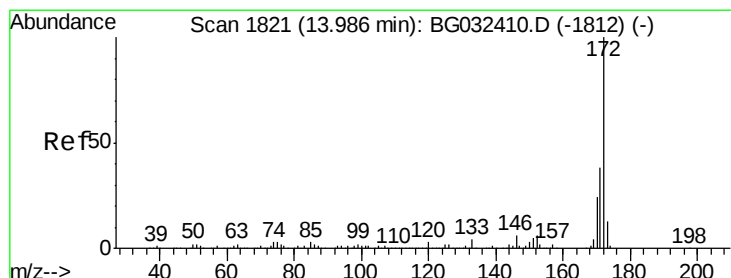
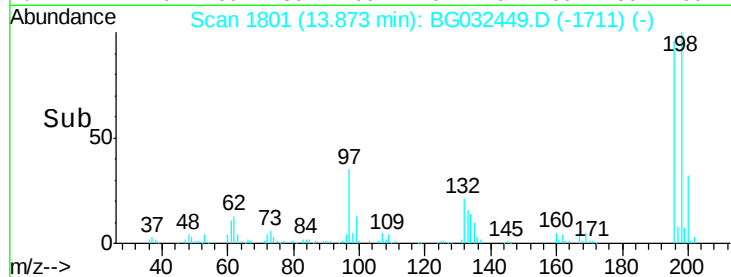
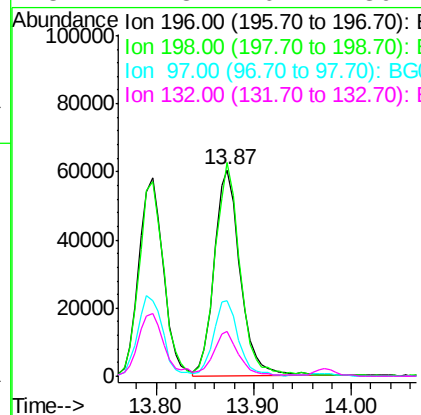
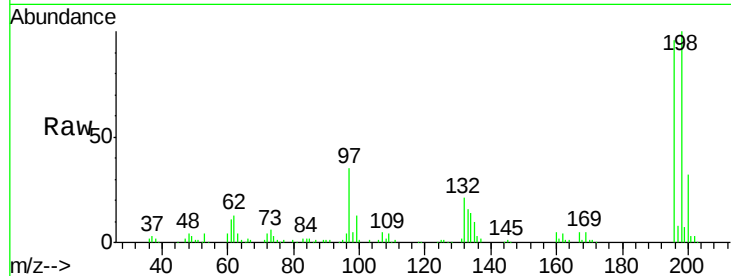
#43
 2,4,5-Trichlorophenol
 Concen: 48.516 ng
 RT: 13.87 min Scan# 1801
 Delta R.T. -0.00 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Instrument :
 BNA_G
 ClientSampled :
 PB106183BS

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	111777		
198	103.6	76.2	114.4	
97	36.7	38.7	58.1	
132	21.8	20.2	30.2	

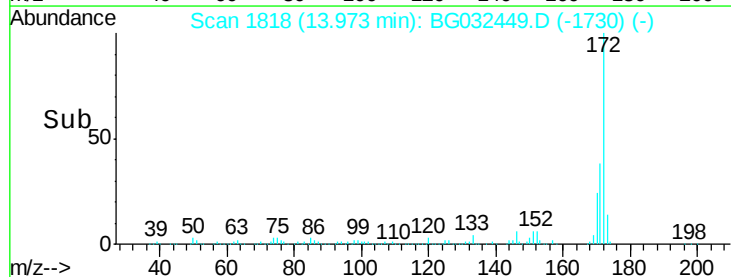
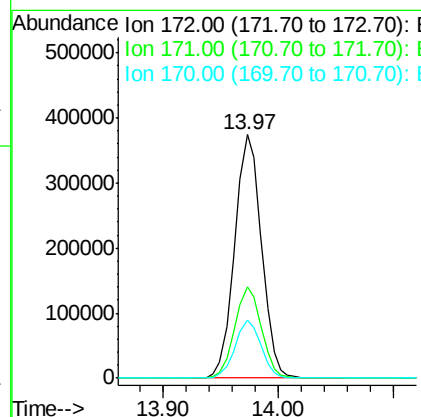
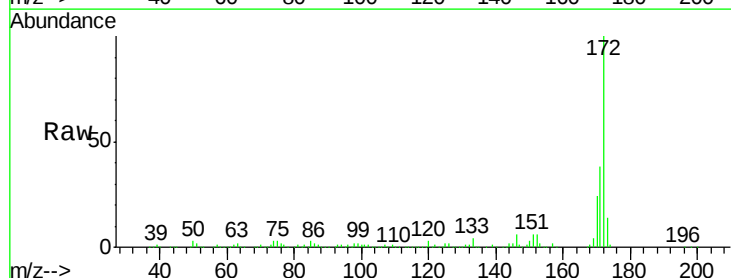
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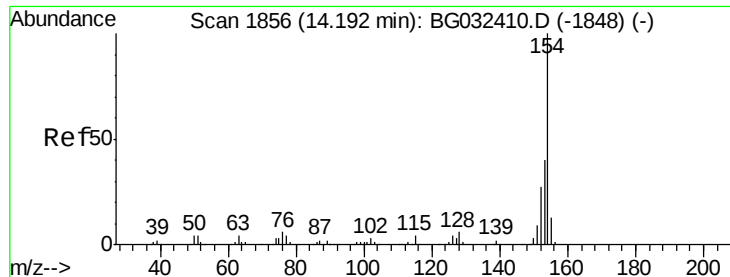
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#44
 2-Fluorobiphenyl
 Concen: 92.076 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	601661		
171	37.7	30.0	45.0	
170	23.6	19.5	29.3	





#45

1,1'-Biphenyl

Concen: 46.235 ng

RT: 14.18 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

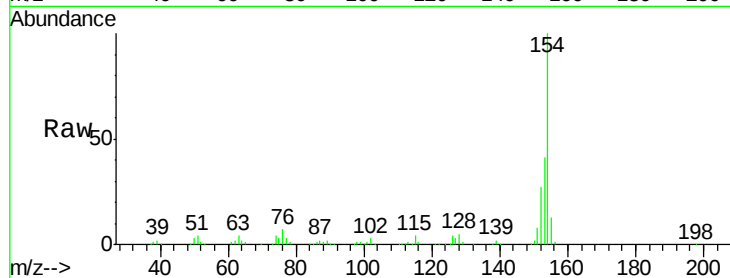
ClientSampled :

PB106183BS

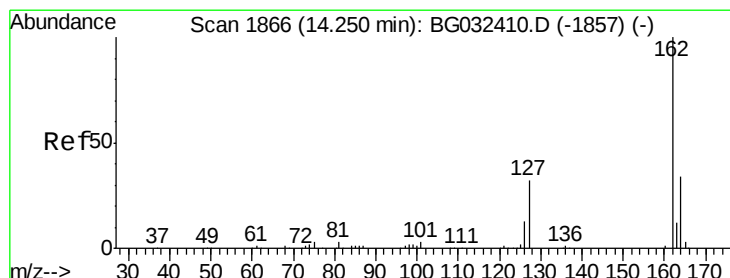
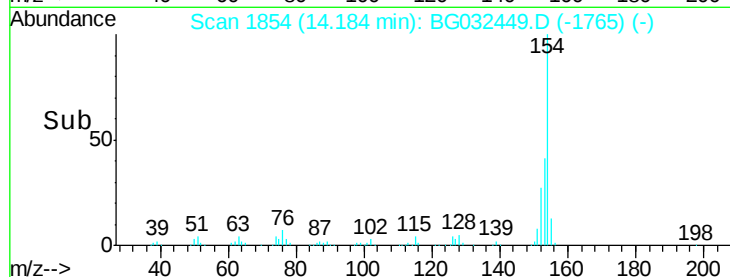
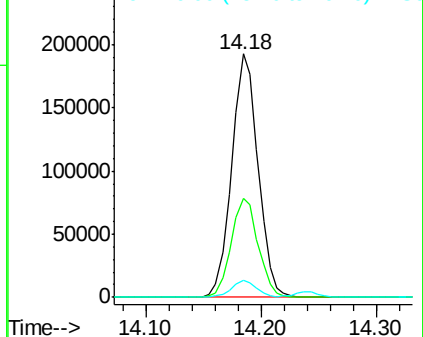
Tgt Ion:	154	Resp:	303375
Ion Ratio	Lower	Upper	
154	100		
153	40.7	19.8	59.8
76	7.1	0.0	31.9

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B



#46

2-Chloronaphthalene

Concen: 45.243 ng

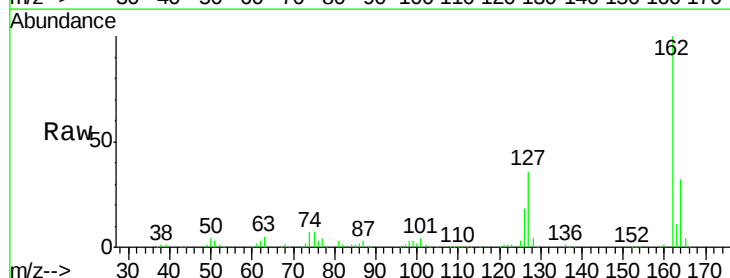
RT: 14.24 min Scan# 1863

Delta R.T. -0.01 min

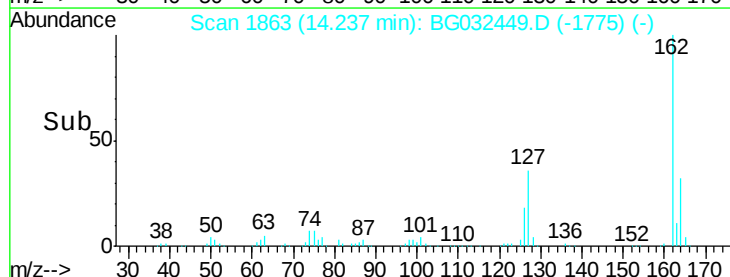
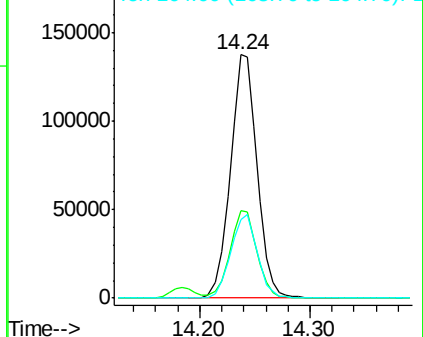
Lab File: BG032449.D

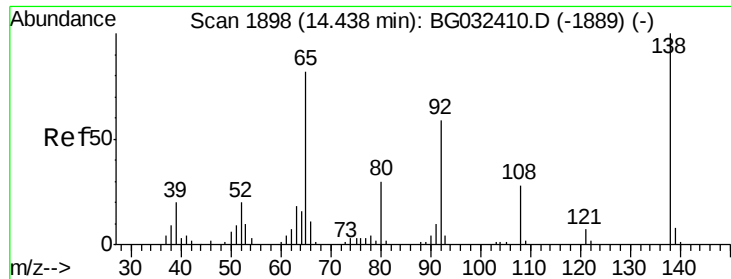
Acq: 30 Jan 2018 19:44

Tgt Ion:	162	Resp:	232678
Ion Ratio	Lower	Upper	
162	100		
127	35.7	30.7	46.1
164	32.4	26.0	39.0



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E





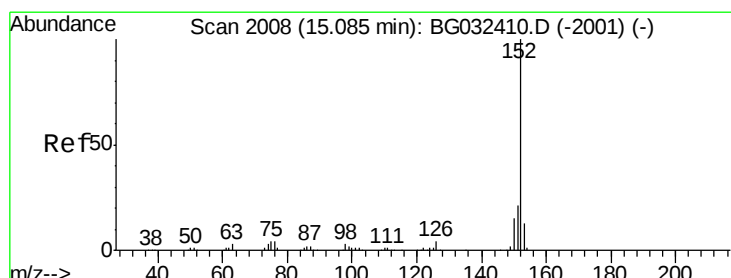
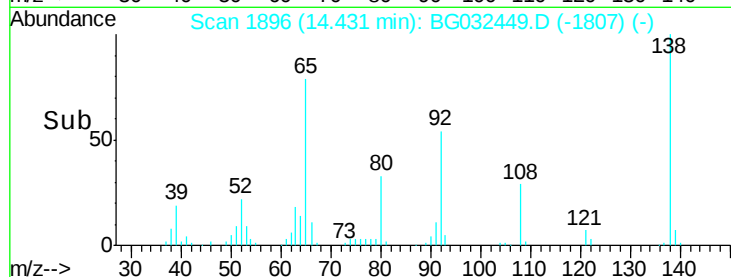
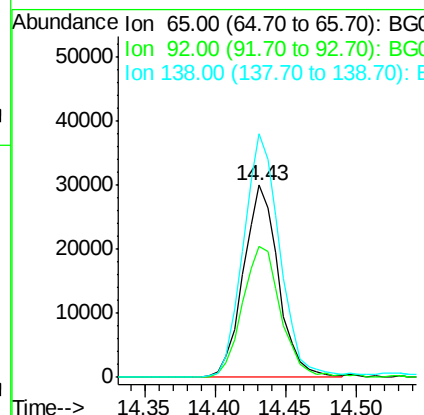
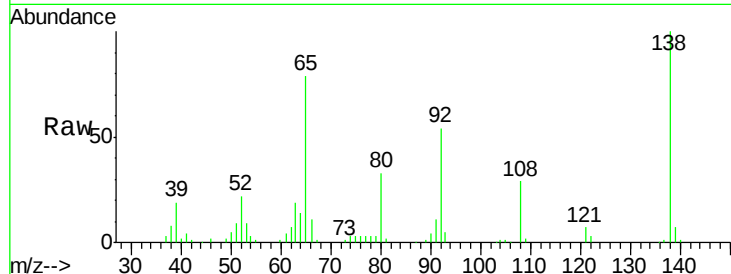
#47
2-Nitroaniline
Concen: 45.738 ng
RT: 14.43 min Scan# 1896
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
PB106183BS

Tgt Ion: 65 Resp: 52018
Ion Ratio Lower Upper
65 100
92 68.1 54.6 82.0
138 126.8 72.9 109.3#

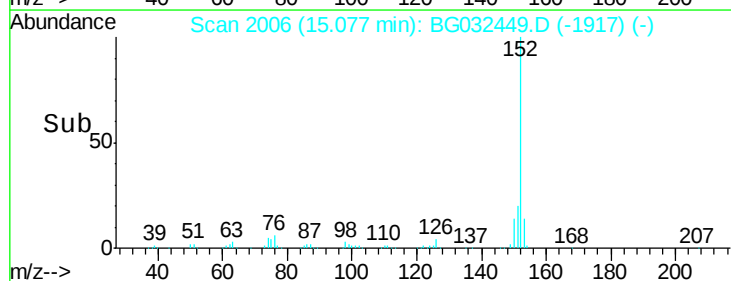
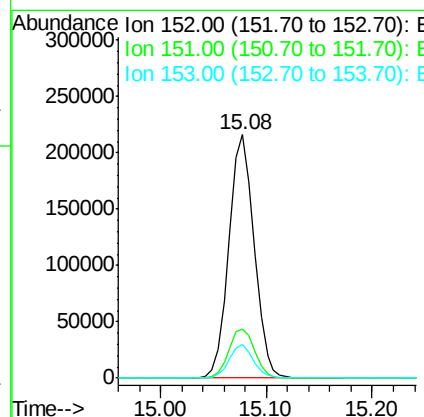
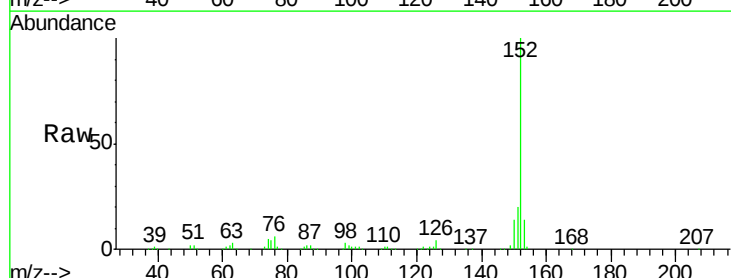
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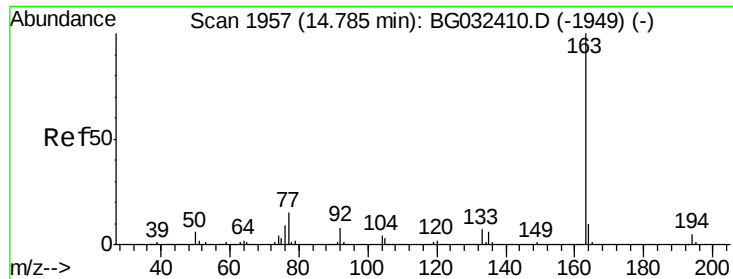
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#48
Acenaphthylene
Concen: 45.928 ng
RT: 15.08 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Tgt Ion: 152 Resp: 357079
Ion Ratio Lower Upper
152 100
151 20.1 17.2 25.8
153 13.8 10.2 15.4





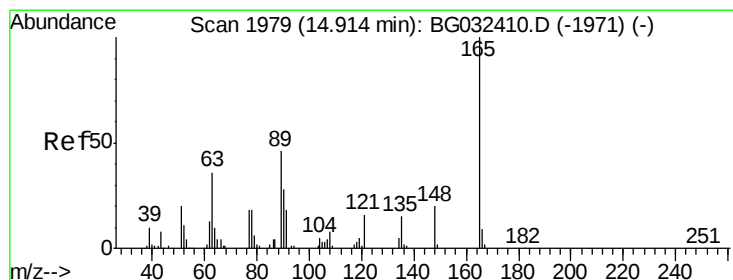
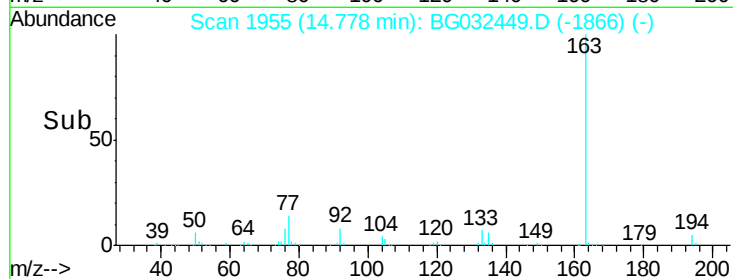
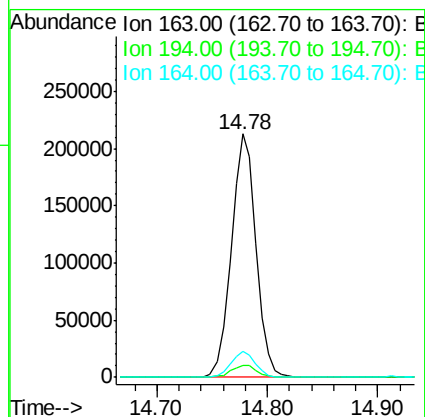
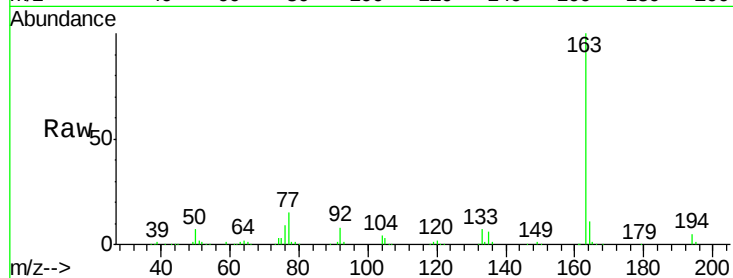
#49
Dimethylphthalate
Concen: 46.111 ng
RT: 14.78 min Scan# 1955
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
PB106183BS

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	330206		
194	4.9		3.4	5.2
164	10.6		8.2	12.4

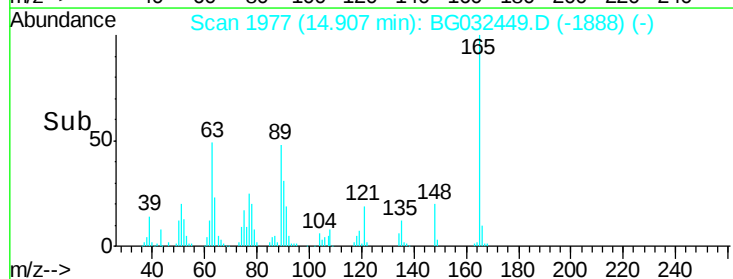
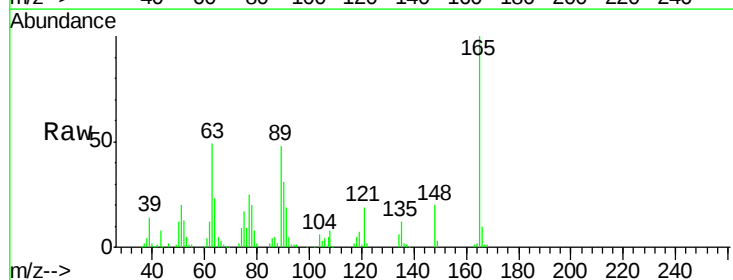
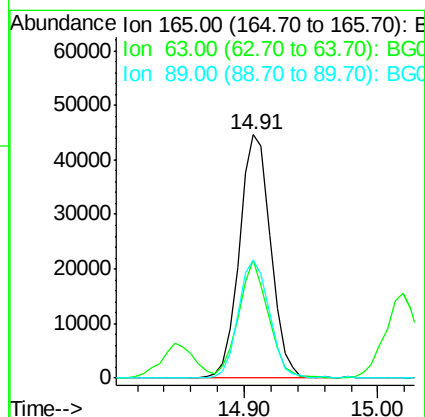
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#50
2,6-Dinitrotoluene
Concen: 48.003 ng
RT: 14.91 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	72151		
63	48.7		52.7	79.1#
89	48.5		49.2	73.8#





#51

Acenaphthene

Concen: 51.531 ng

RT: 15.41 min Scan# 2063

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

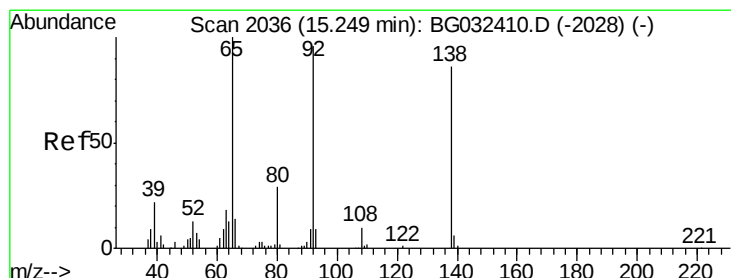
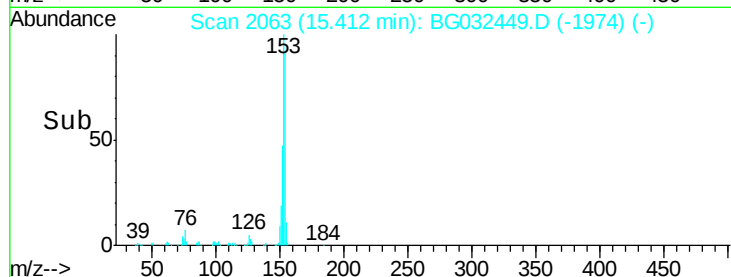
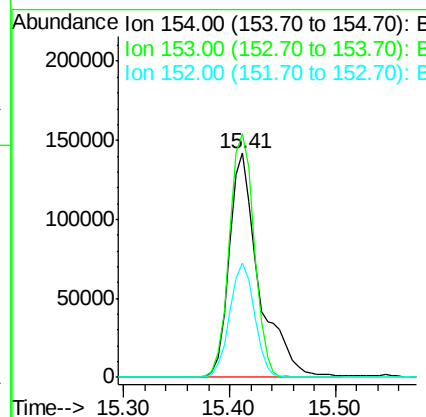
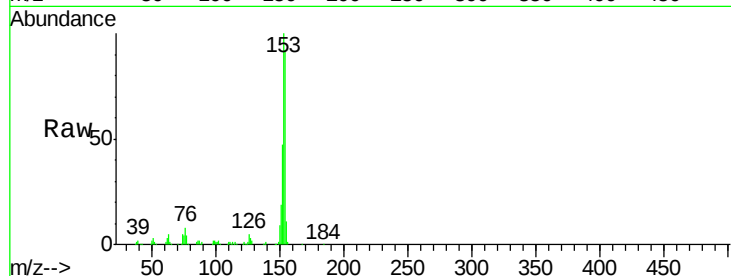
ClientSampleId :

PB106183BS

Tgt Ion:	154	Resp:	277855
Ion Ratio	Lower	Upper	
154	100		
153	108.6	90.4	135.6
152	50.8	41.6	62.4

Manual Integrations
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#52

3-Nitroaniline

Concen: 19.760 ng

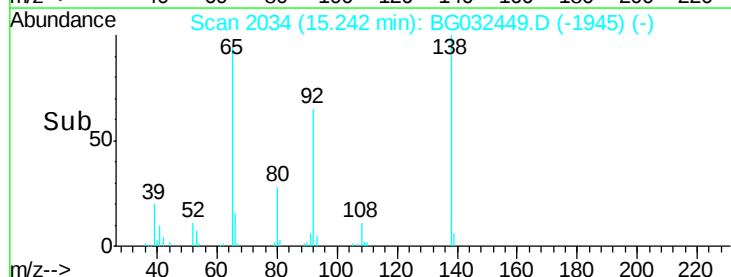
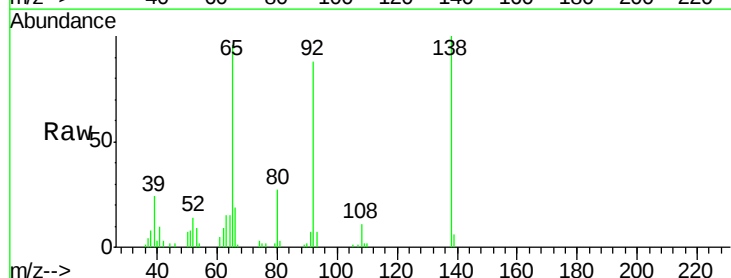
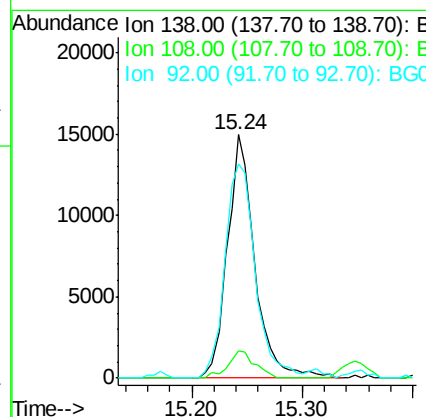
RT: 15.24 min Scan# 2034

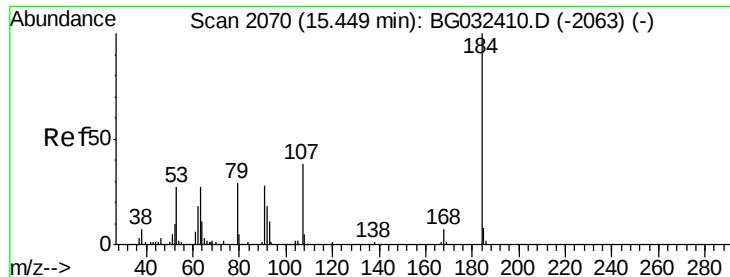
Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Tgt Ion:	138	Resp:	25942
Ion Ratio	Lower	Upper	
138	100		
108	11.3	17.5	26.3#
92	87.8	105.8	158.8#





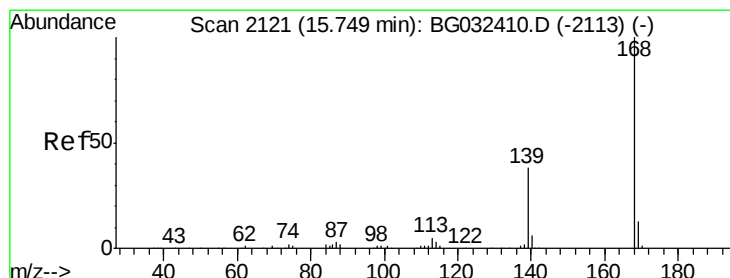
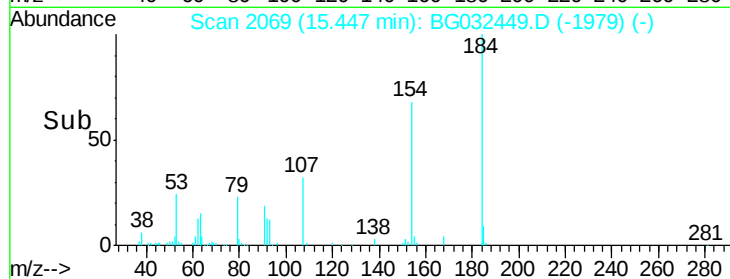
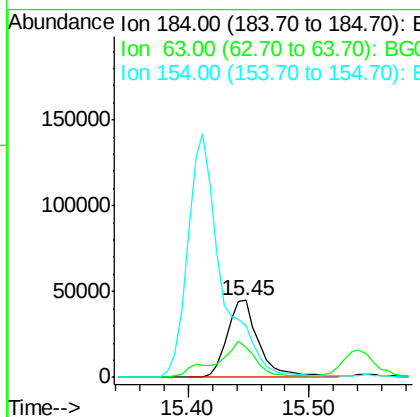
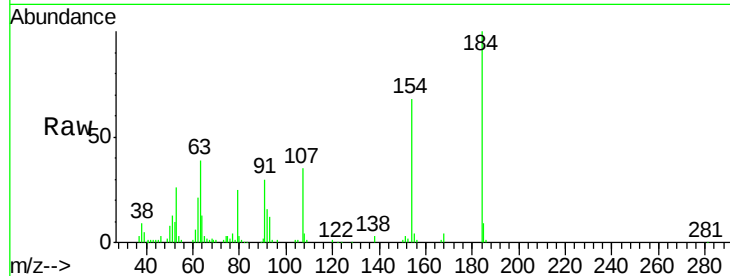
#53
2,4-Dinitrophenol
Concen: 86.706 ng
RT: 15.45 min Scan# 2069
Delta R.T. -0.00 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
PB106183BS

Tgt Ion:184 Resp: 81689
Ion Ratio Lower Upper
184 100
63 39.2 59.8 89.8#
154 68.1 101.8 152.8#

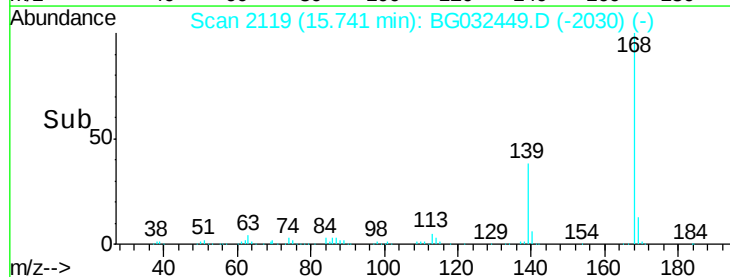
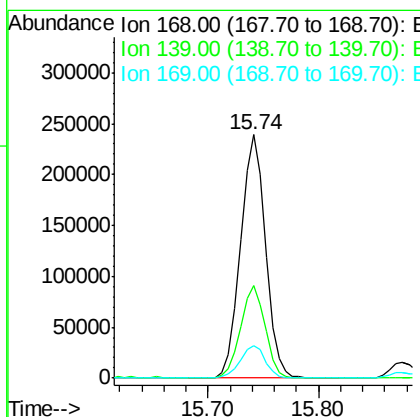
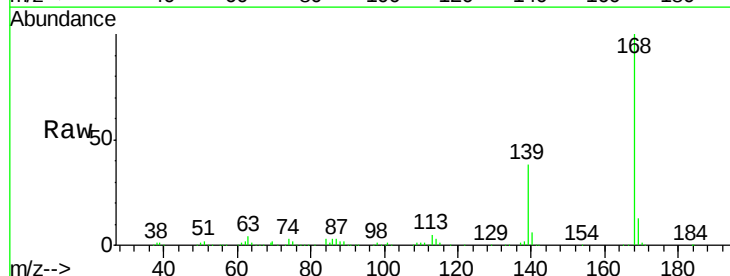
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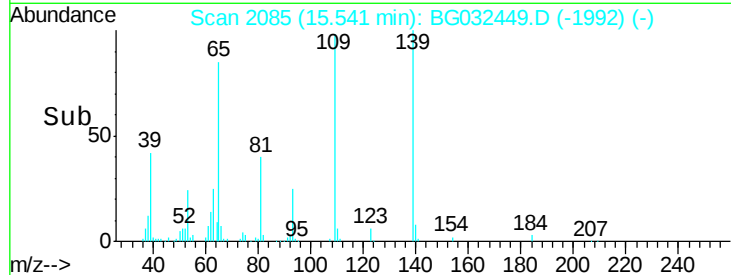
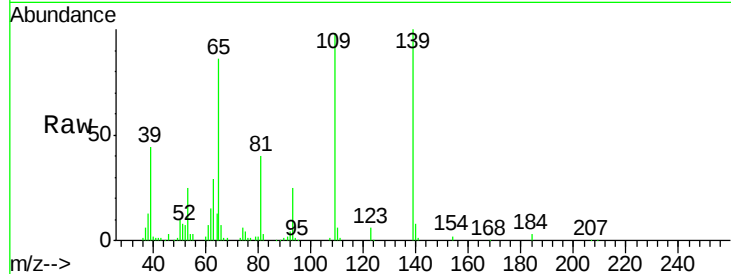
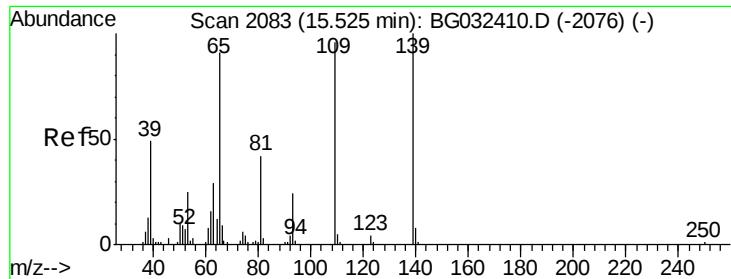
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#54
Dibenzofuran
Concen: 47.718 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Tgt Ion:168 Resp: 380822
Ion Ratio Lower Upper
168 100
139 38.1 28.6 43.0
169 13.4 11.2 16.8





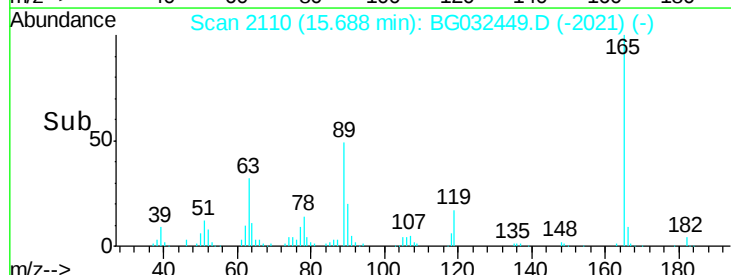
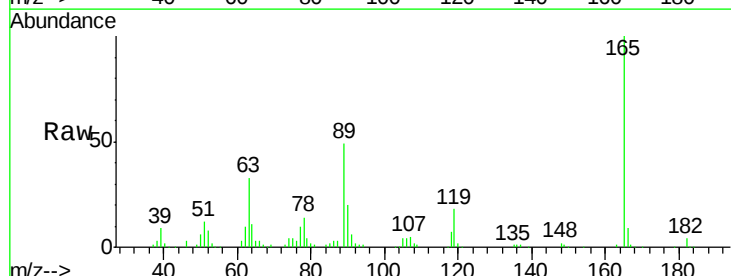
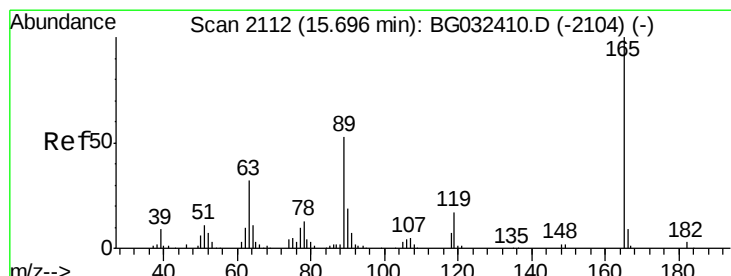
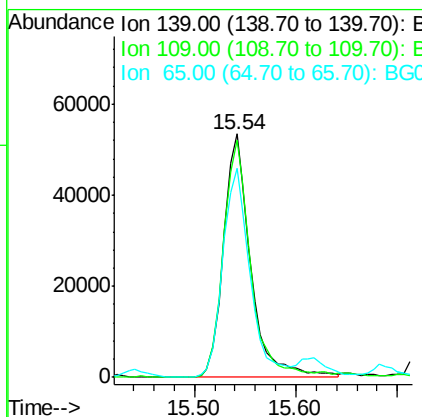
#55
4-Nitrophenol
Concen: 100.829 ng
RT: 15.54 min Scan# 2085
Delta R.T. 0.02 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
PB106183BS

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	99101		
109	97.5	62.2	102.2	
65	85.7	97.2	137.2	

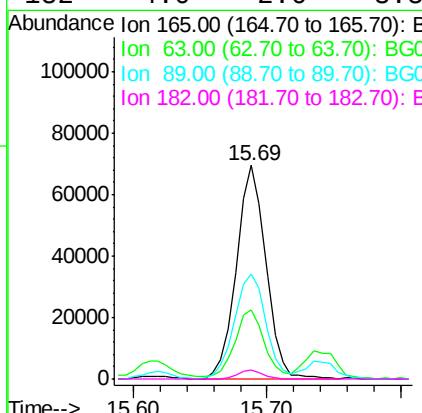
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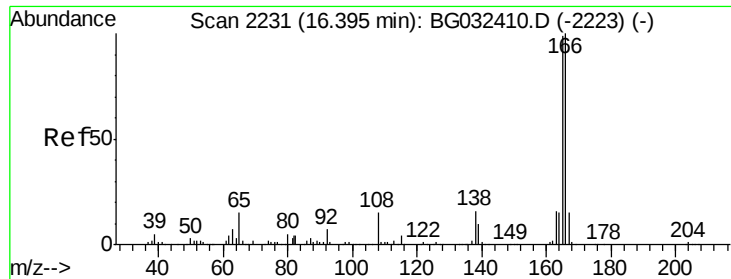
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#56
2,4-Dinitrotoluene
Concen: 49.864 ng
RT: 15.69 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	106711		
63	32.6	42.0	63.0	
89	49.2	66.9	100.3	
182	4.0	2.6	3.8	





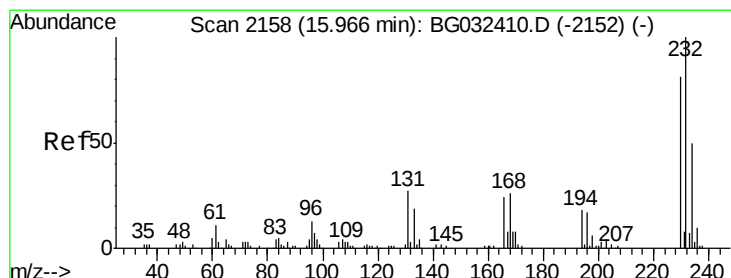
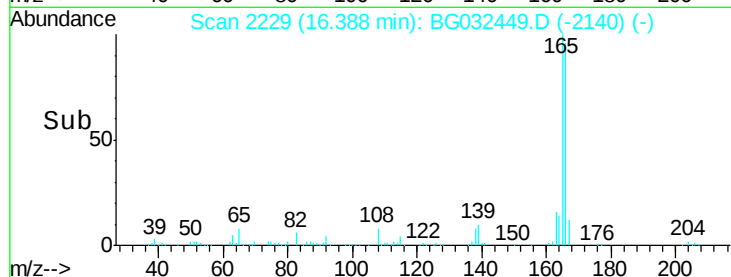
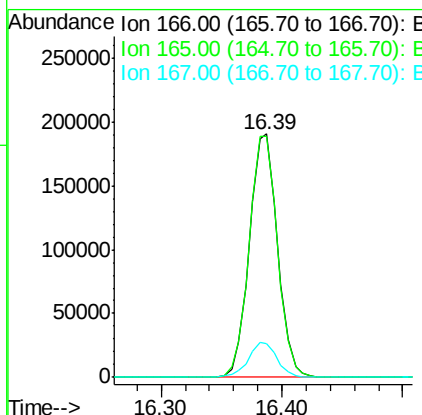
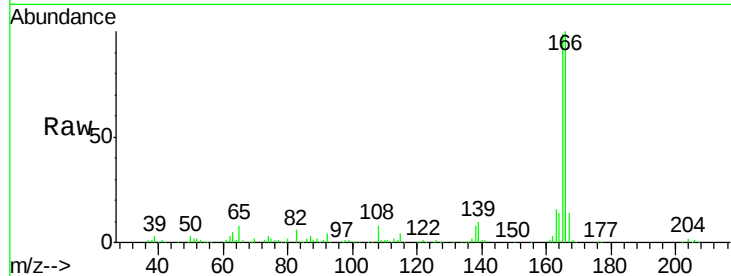
#57
 Fluorene
 Concen: 46.579 ng
 RT: 16.39 min Scan# 2229
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :
 PB106183BS

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	308900		
165	99.3	80.6	121.0	
167	13.6	10.4	15.6	

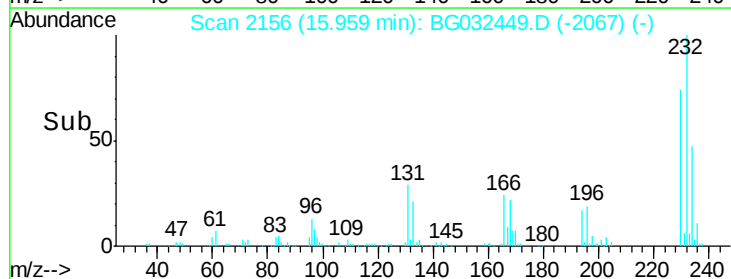
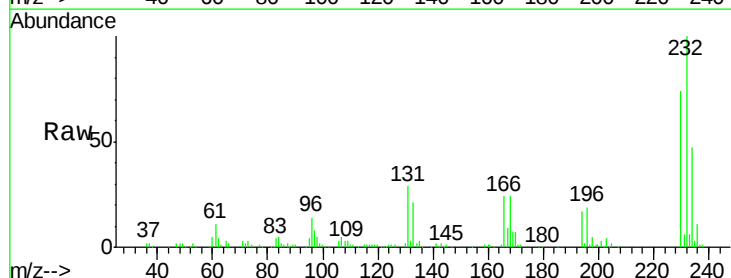
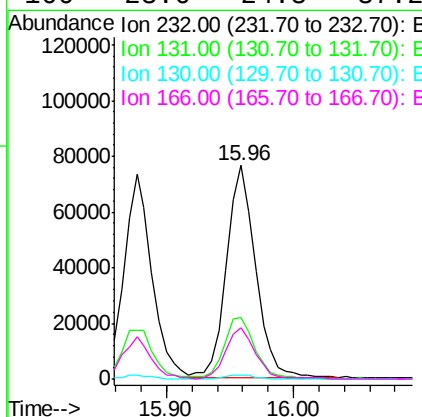
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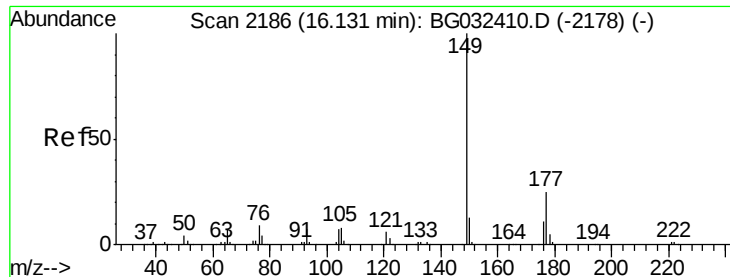
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#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.332 ng
 RT: 15.96 min Scan# 2156
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	121188		
131	31.0	33.5	50.3#	
130	2.1	2.2	3.2#	
166	23.6	24.8	37.2#	





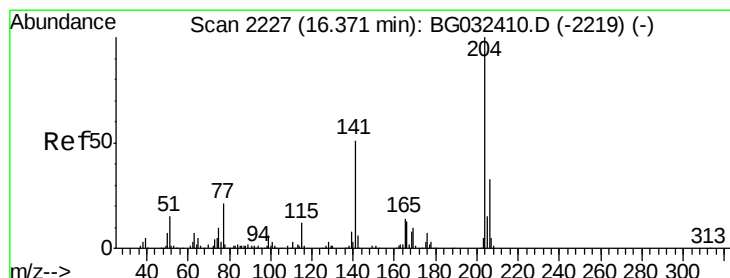
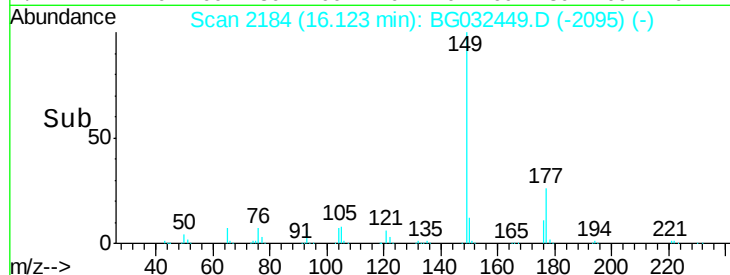
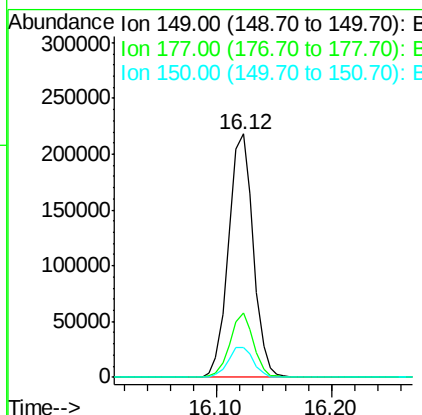
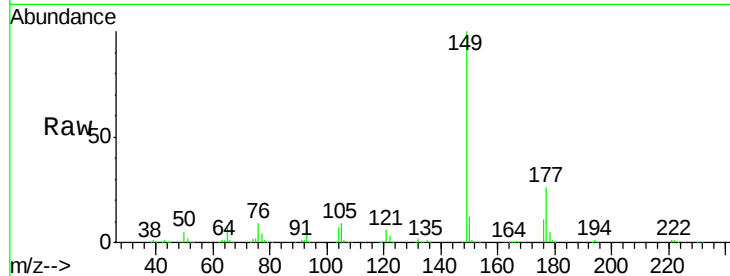
#59
Diethylphthalate
Concen: 46.255 ng
RT: 16.12 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
PB106183BS

Tgt Ion	Ratio	Lower	Upper
149	100		
177	26.4	18.5	27.7
150	12.5	10.2	15.2

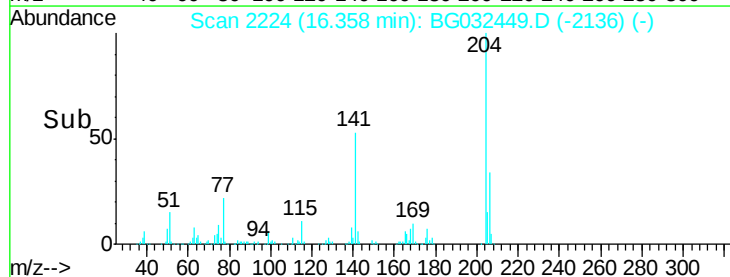
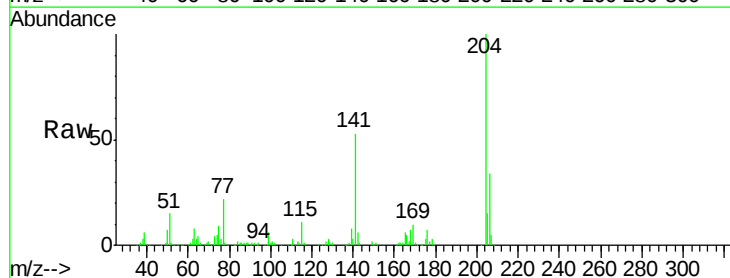
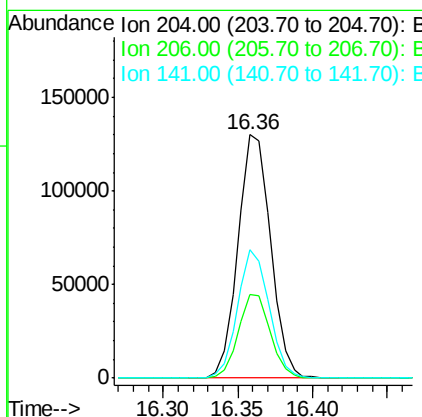
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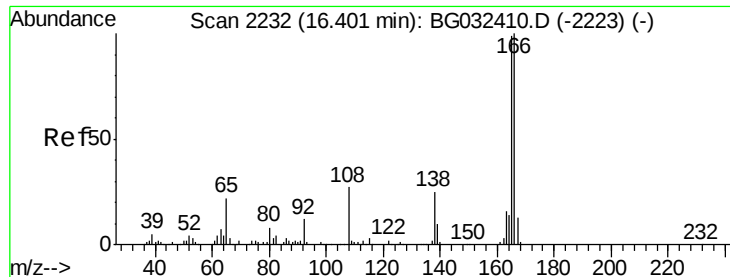
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#60
4-Chlorophenyl-phenylether
Concen: 47.195 ng
RT: 16.36 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.5	26.2	39.2
141	52.6	45.8	68.6





#61

4-Nitroaniline

Concen: 40.268 ng

RT: 16.40 min Scan# 2231

Delta R.T. -0.00 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

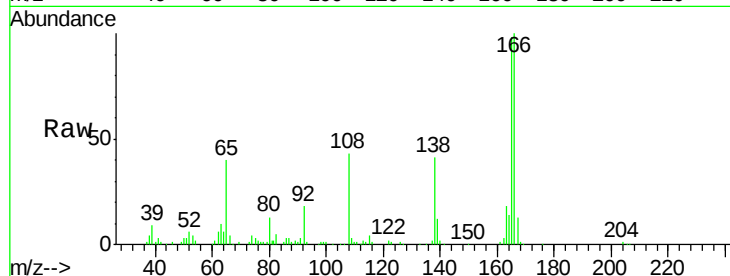
ClientSampleId :

PB106183BS

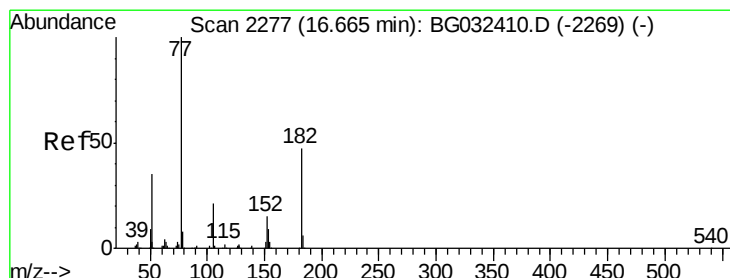
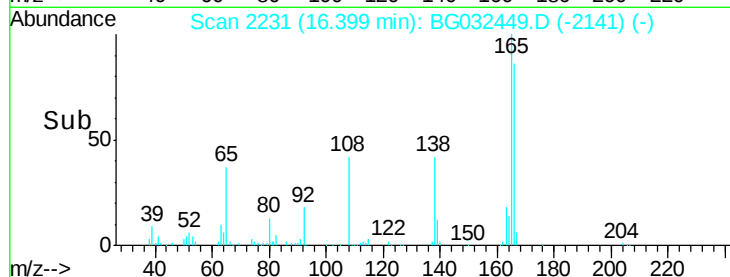
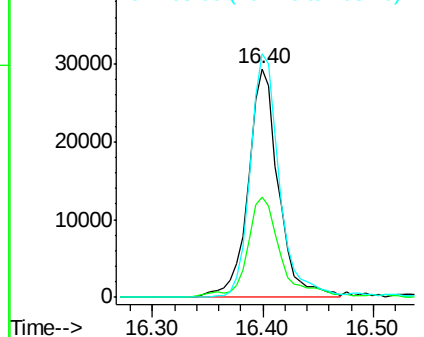
Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.7	40.1	80.1
108	106.5	65.4	105.4#

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



#62

Azobenzene

Concen: 47.233 ng

RT: 16.66 min Scan# 2275

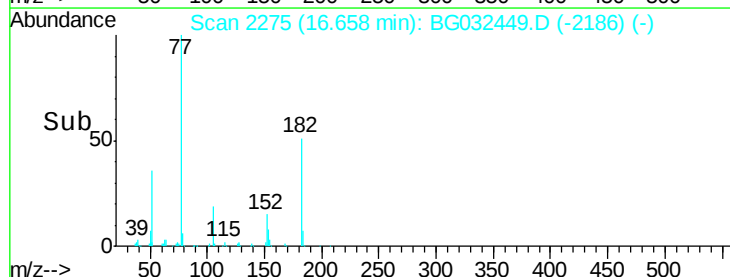
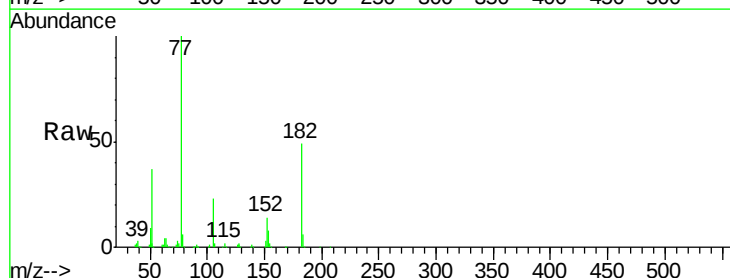
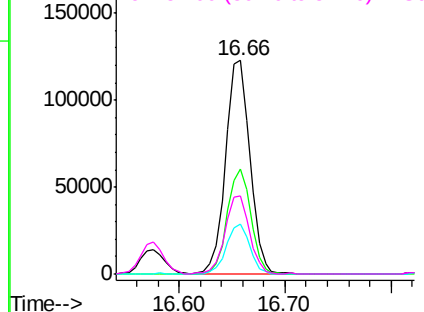
Delta R.T. -0.01 min

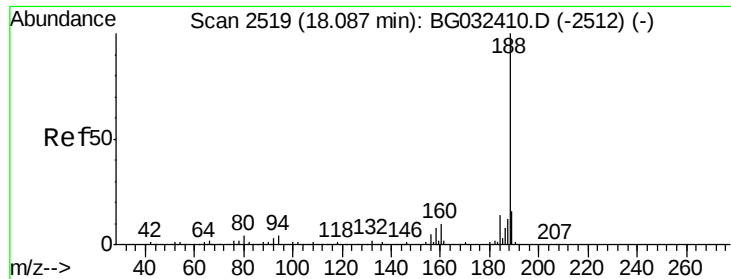
Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
77	100		
182	49.4	7.4	47.4#
105	23.4	0.3	40.3
51	36.7	11.6	51.6

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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.08 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

ClientSampleId :

PB106183BS

Tgt Ion:188 Resp: 208695

Ion Ratio Lower Upper

188 100

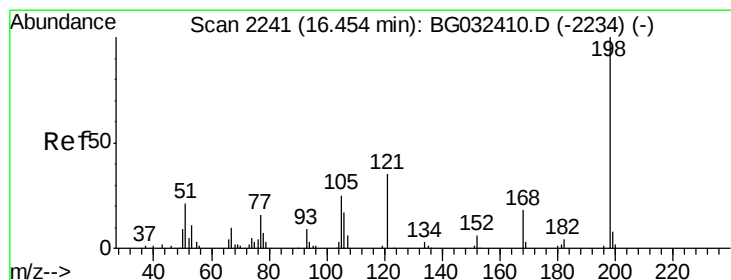
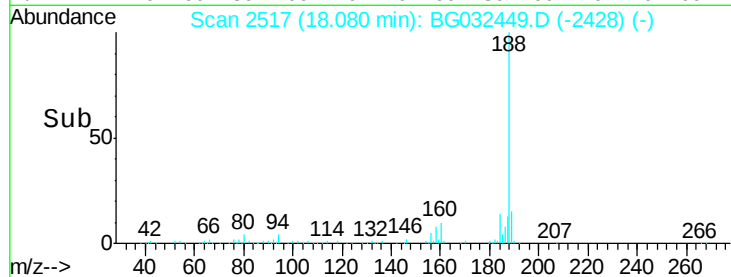
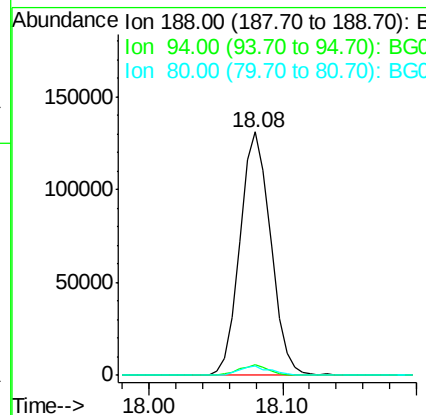
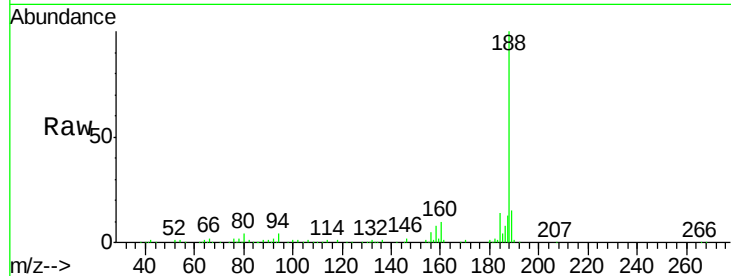
94 4.5 6.9 10.3#

80 4.1 7.7 11.5#

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#64

4,6-Dinitro-2-methylphenol

Concen: 41.801 ng

RT: 16.45 min Scan# 2239

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

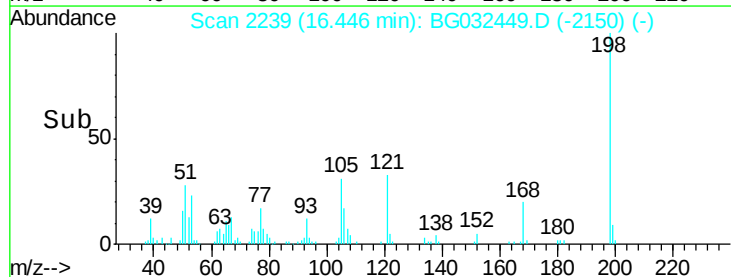
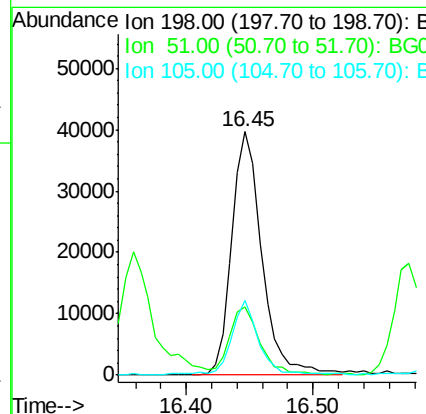
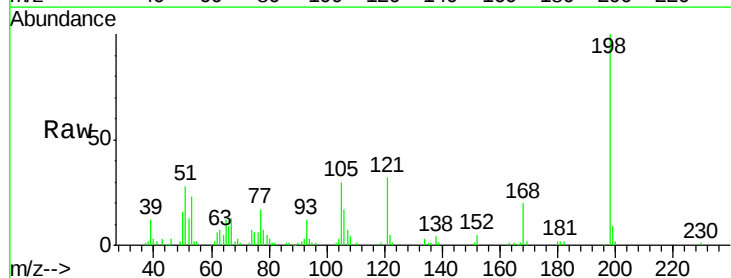
Tgt Ion:198 Resp: 65172

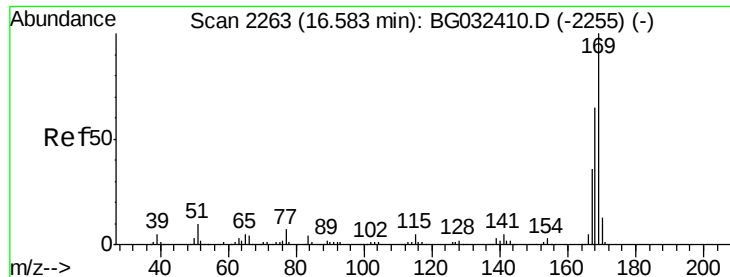
Ion Ratio Lower Upper

198 100

51 27.9 30.6 70.6#

105 30.5 23.8 63.8





#65

n-Nitrosodiphenylamine

Concen: 46.712 ng

RT: 16.58 min Scan# 2261

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

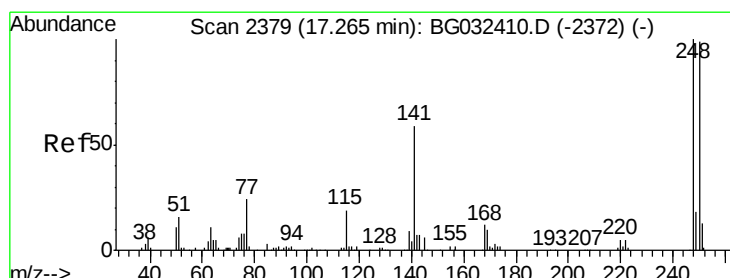
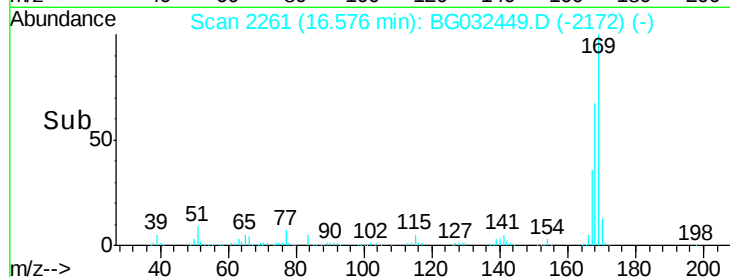
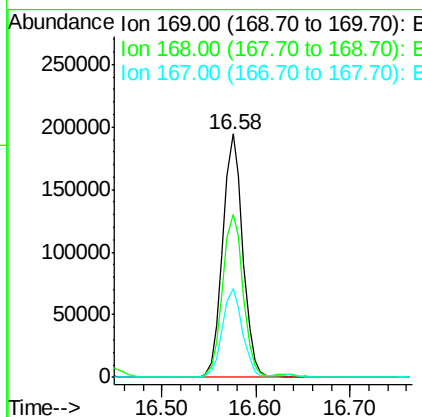
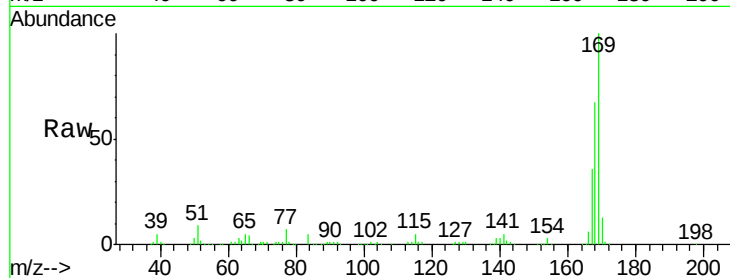
ClientSampleId :

PB106183BS

Tgt Ion:	169	Resp:	290931
Ion Ratio	Lower	Upper	
169	100		
168	67.0	55.7	83.5
167	36.4	30.1	45.1

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#66

4-Bromophenyl-phenylether

Concen: 47.096 ng

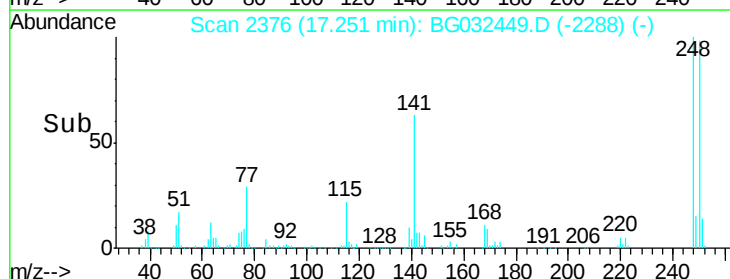
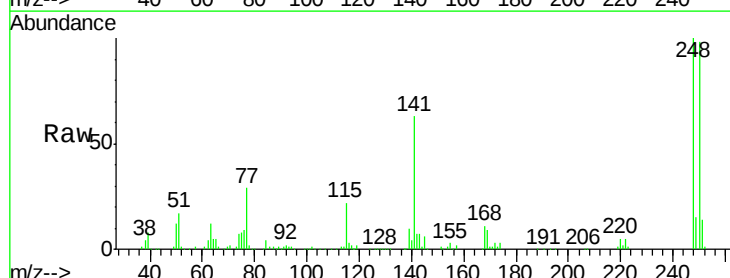
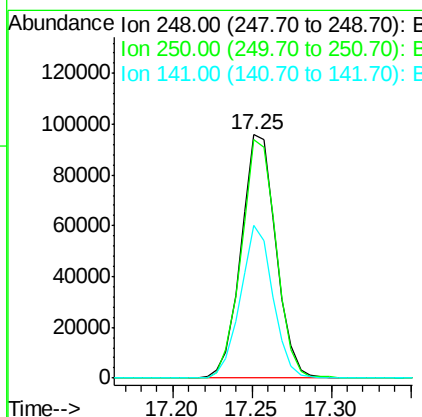
RT: 17.25 min Scan# 2376

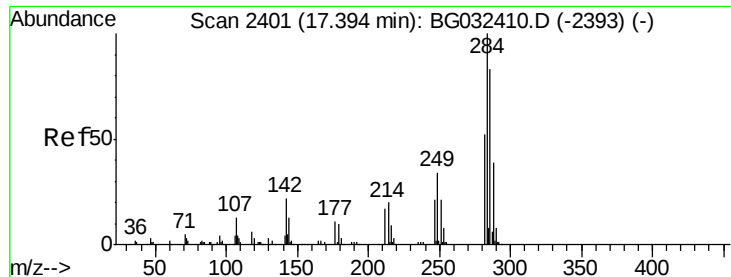
Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Tgt Ion:	248	Resp:	145612
Ion Ratio	Lower	Upper	
248	100		
250	98.2	77.1	115.7
141	62.8	50.8	76.2





#67

Hexachlorobenzene

Concen: 45.278 ng

RT: 17.38 min Scan# 2398

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

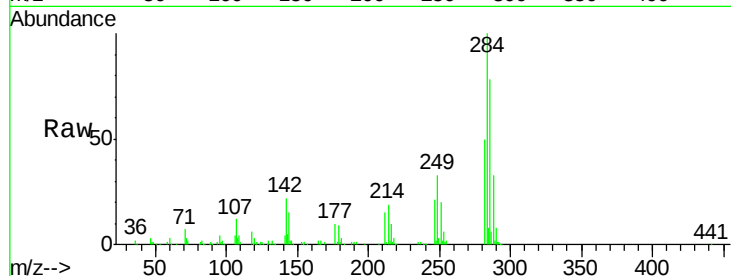
ClientSampled :

PB106183BS

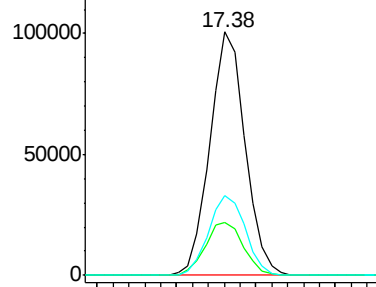
Tgt Ion:	284	Resp:	154921
Ion Ratio		Lower	Upper
284	100		
142	21.9	26.8	40.2#
249	33.0	26.3	39.5

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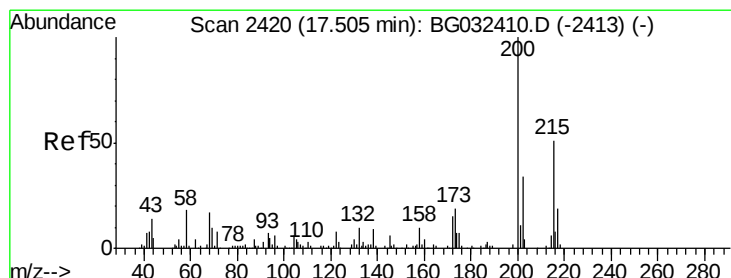
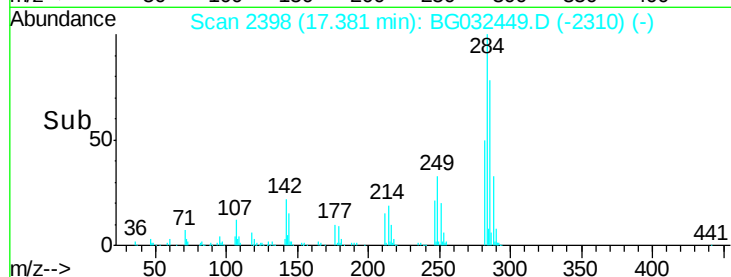
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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Time-->



#68

Atrazine

Concen: 49.857 ng

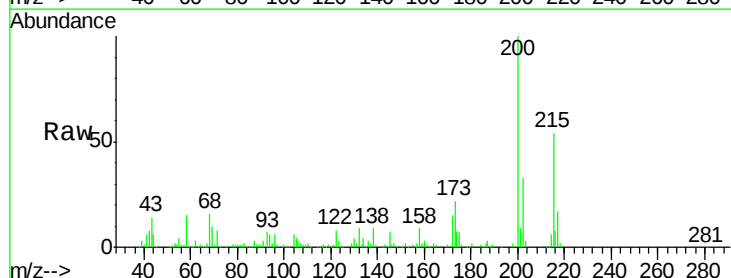
RT: 17.50 min Scan# 2419

Delta R.T. -0.00 min

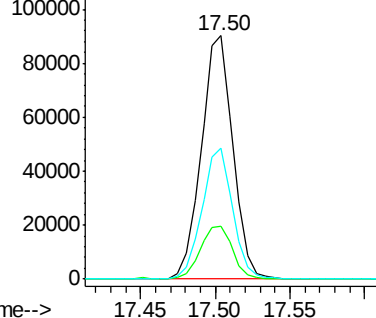
Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

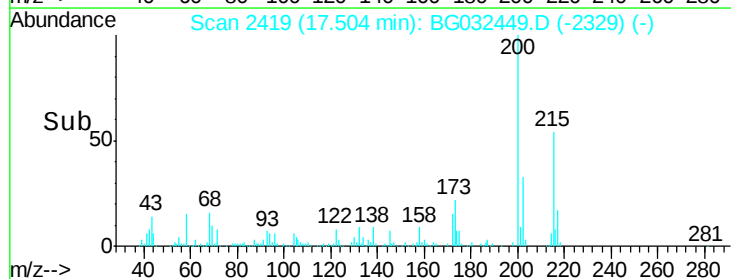
Tgt Ion:	200	Resp:	133299
Ion Ratio		Lower	Upper
200	100		
173	21.7	5.2	45.2
215	53.9	30.4	70.4

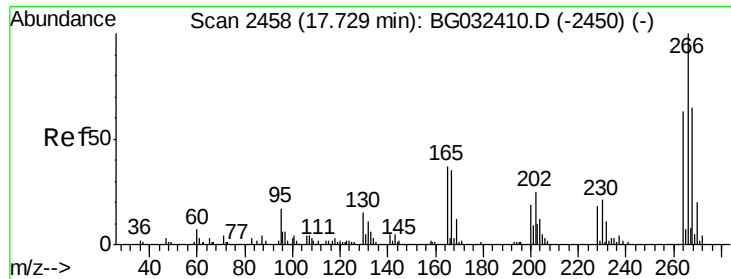


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



Time-->





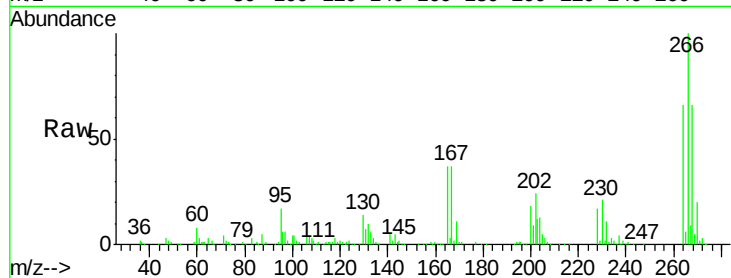
#69
 Pentachlorophenol
 Concen: 83.509 ng
 RT: 17.72 min Scan# 2456
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :
 PB106183BS

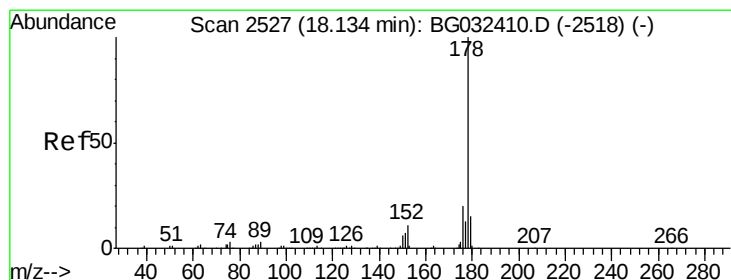
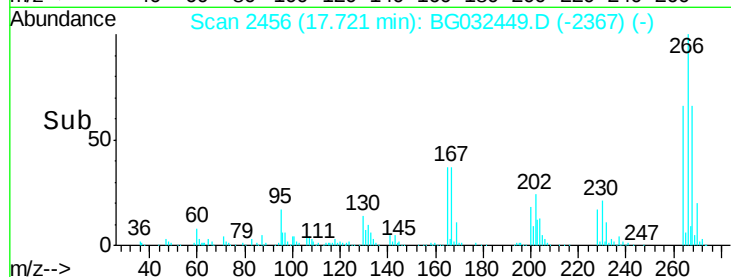
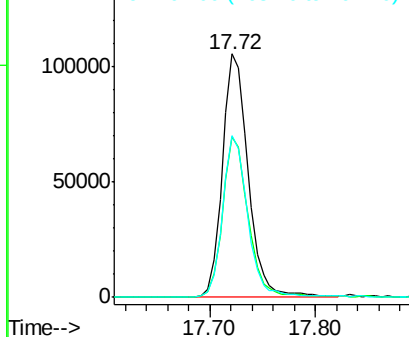
Tgt Ion	Ratio	Resp	Lower	Upper
266	100	178993		
268	66.0	51.1	76.7	
264	66.3	49.6	74.4	

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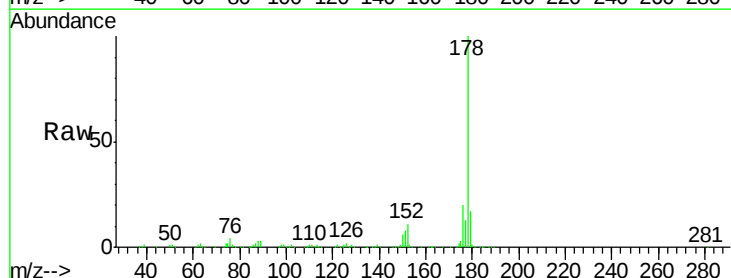


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

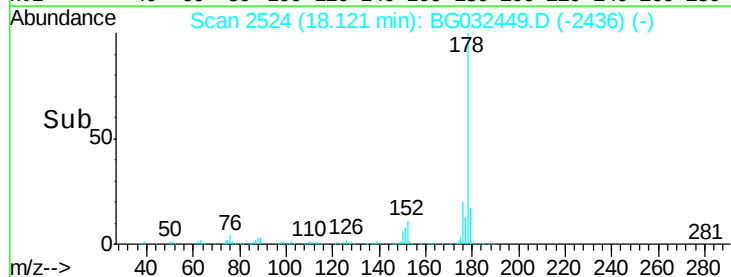
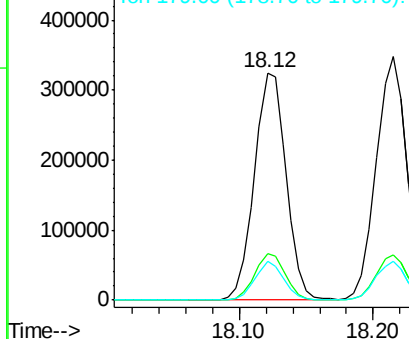


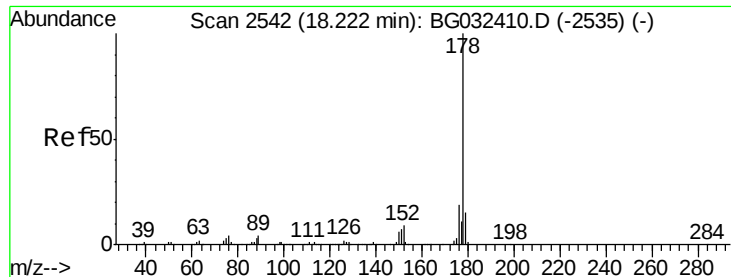
#70
 Phenanthrene
 Concen: 45.607 ng
 RT: 18.12 min Scan# 2524
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	530792		
176	20.3	15.7	23.5	
179	16.9	12.5	18.7	



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





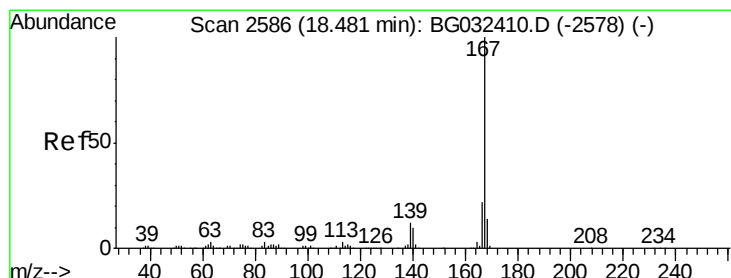
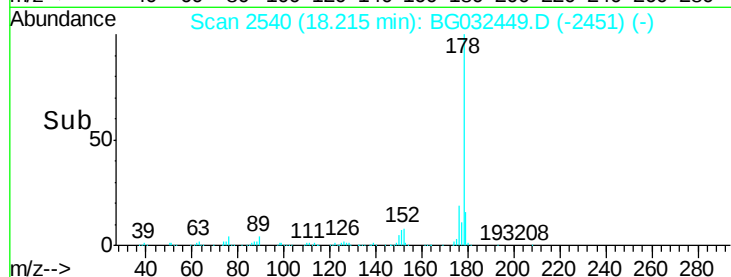
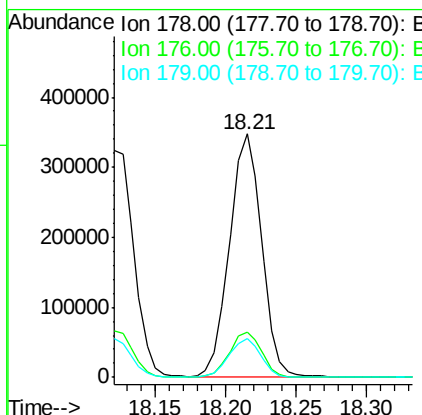
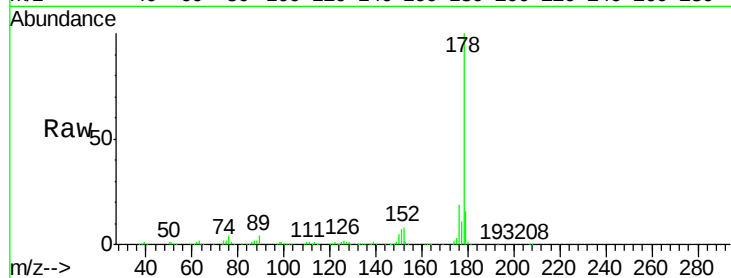
#71
 Anthracene
 Concen: 47.457 ng
 RT: 18.21 min Scan# 2540
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :
 PB106183BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	16.0	24.0
179	16.1	12.5	18.7

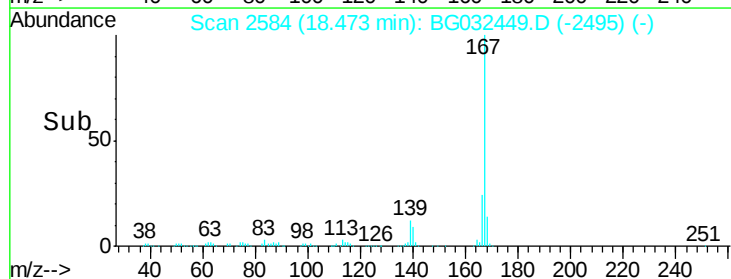
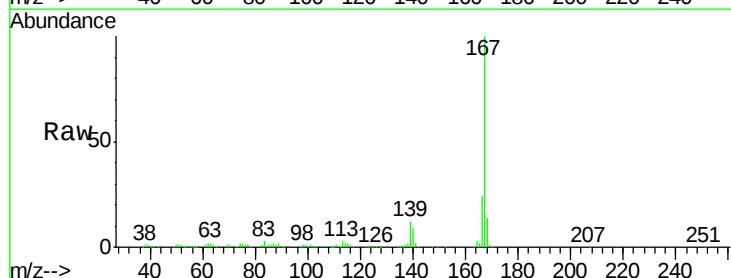
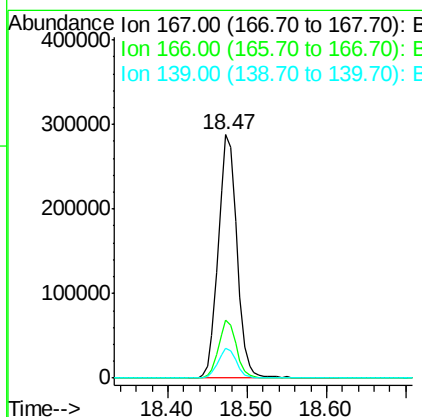
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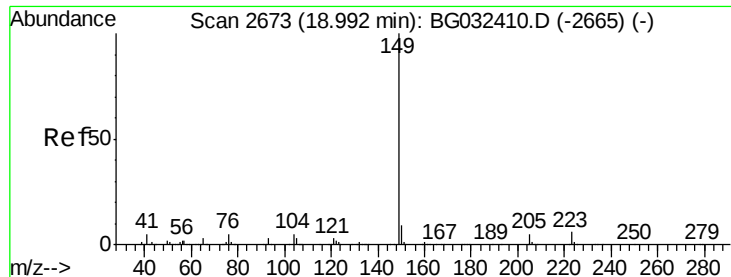
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#72
 Carbazole
 Concen: 46.039 ng
 RT: 18.47 min Scan# 2584
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.9	18.2	27.4
139	12.4	9.4	14.2





#73

Di-n-butylphthalate

Concen: 48.069 ng

RT: 18.98 min Scan# 2670

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

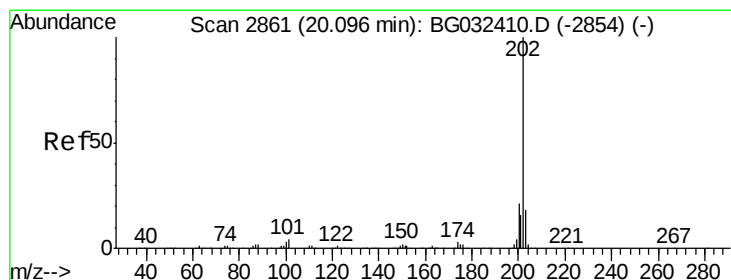
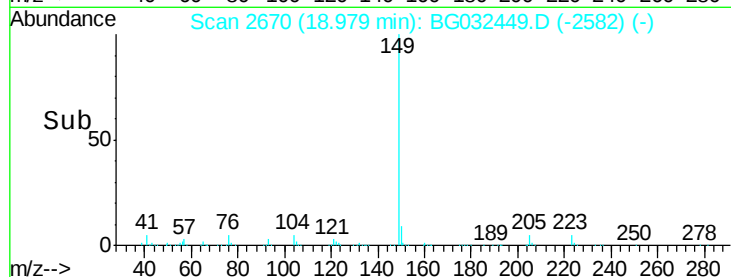
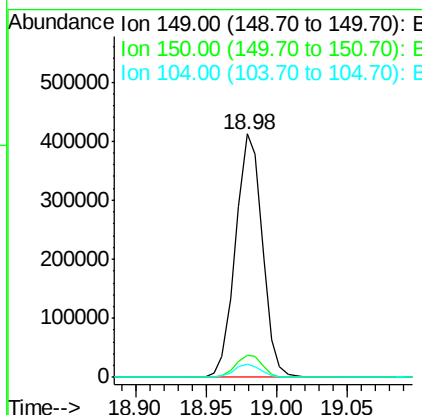
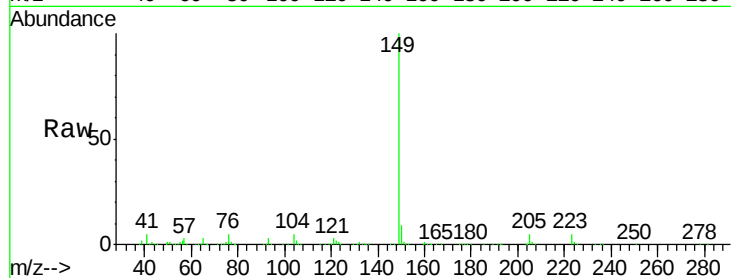
ClientSampled :

PB106183BS

Tgt Ion:	149	Resp:	544924
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.8	11.6
104	5.2	3.9	5.9

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#74

Fluoranthene

Concen: 47.068 ng

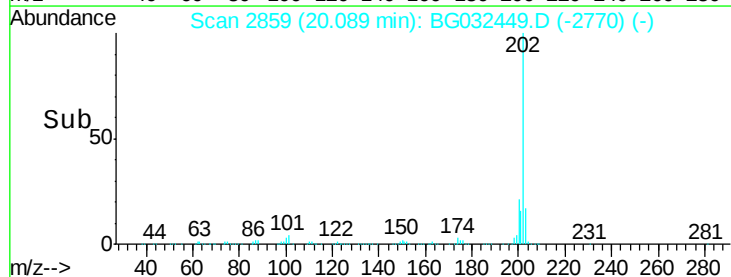
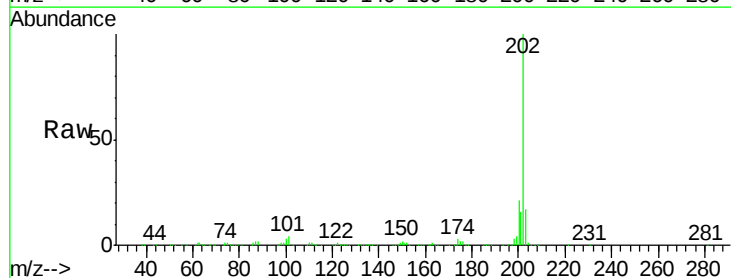
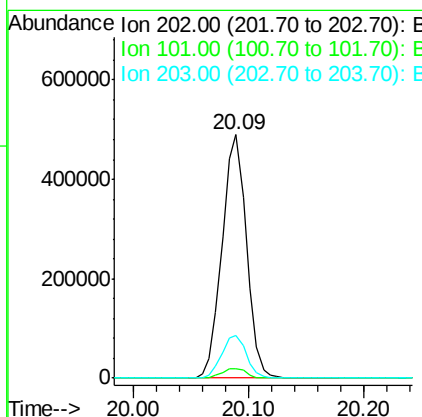
RT: 20.09 min Scan# 2859

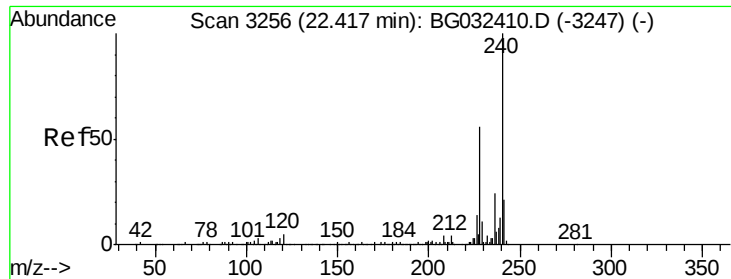
Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Tgt Ion:	202	Resp:	718393
Ion Ratio	Lower	Upper	
202	100		
101	4.1	0.0	28.9
203	17.5	0.0	37.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

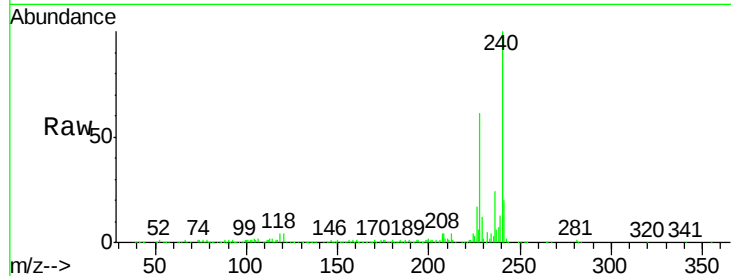
ClientSampleId :

PB106183BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	261901		
120	4.1	6.8	10.2#	
236	24.4	20.9	31.3	

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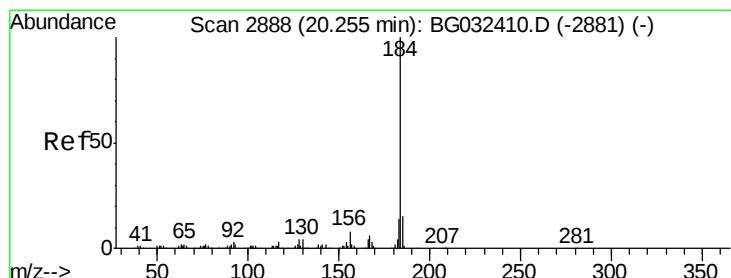
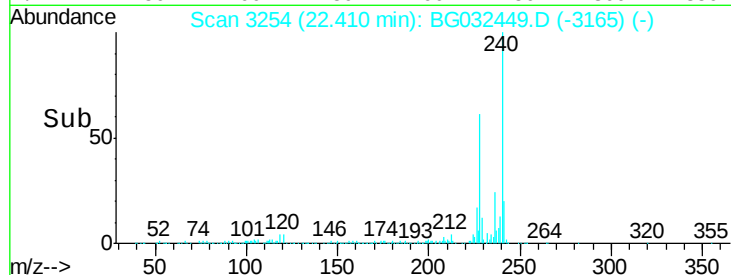
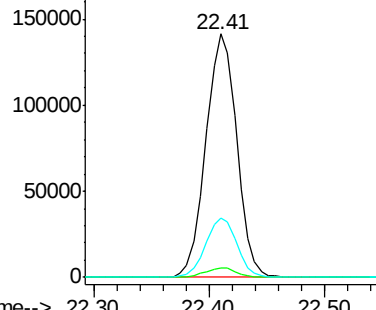
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 39.351 ng

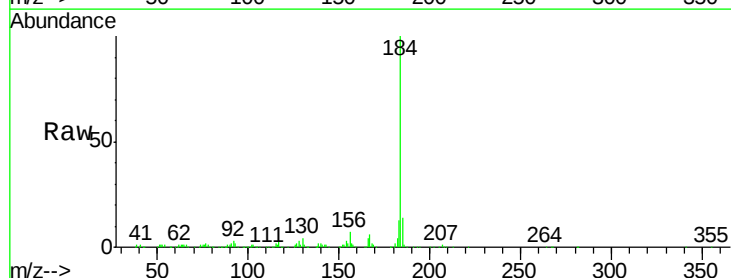
RT: 20.25 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

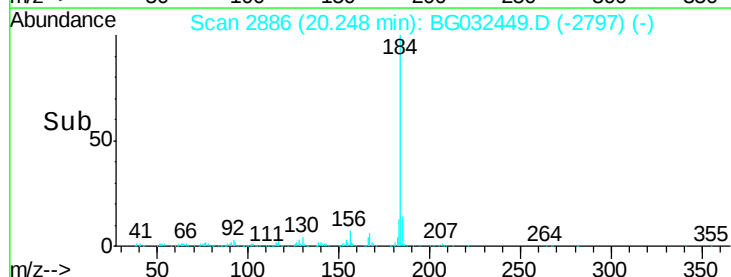
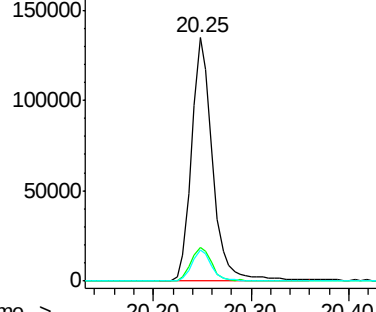
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	202371		
185	13.9	11.1	16.7	
183	12.9	10.6	16.0	

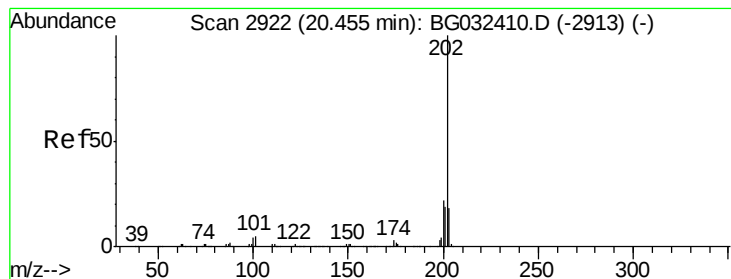


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 44.615 ng

RT: 20.45 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

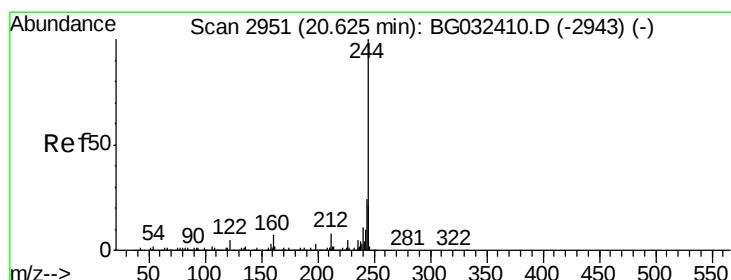
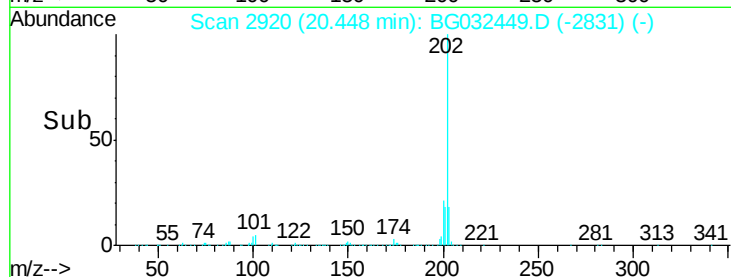
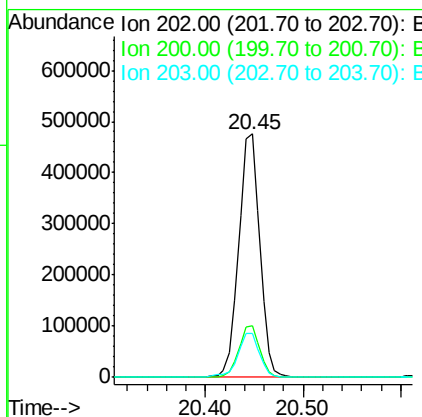
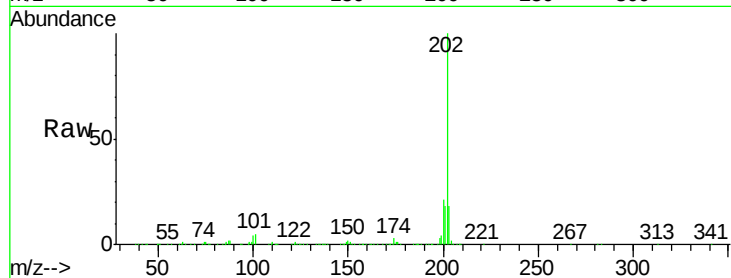
ClientSampleId :

PB106183BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.2	16.9	25.3
203	18.1	13.9	20.9

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#78

Terphenyl-d14

Concen: 97.389 ng

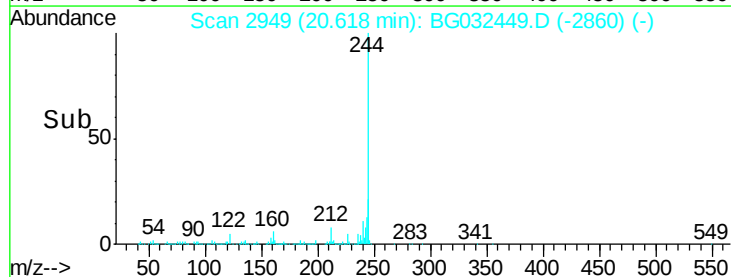
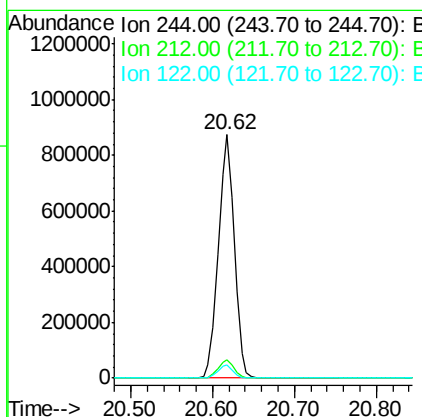
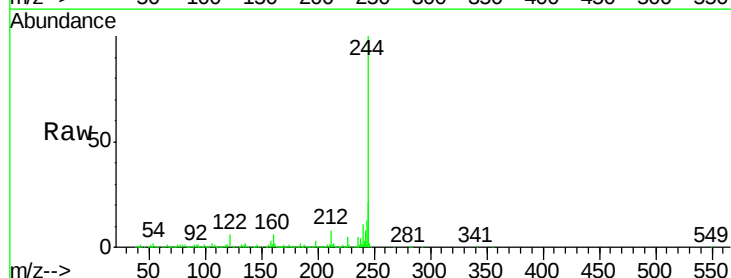
RT: 20.62 min Scan# 2949

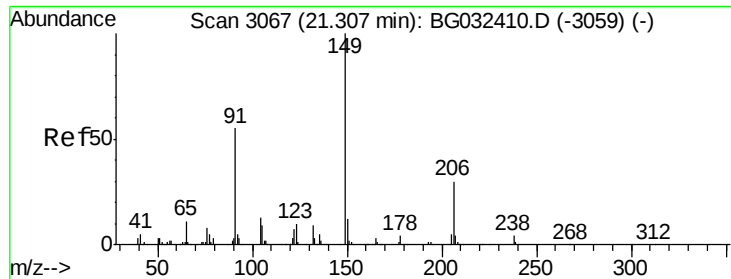
Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.8
122	5.6	7.0	10.4#





#79

Butylbenzylphthalate

Concen: 49.020 ng

RT: 21.30 min Scan# 3065

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

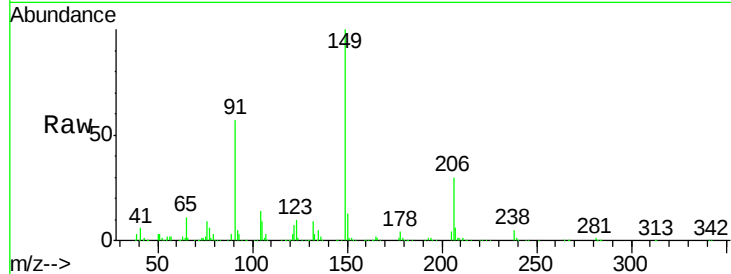
ClientSampleId :

PB106183BS

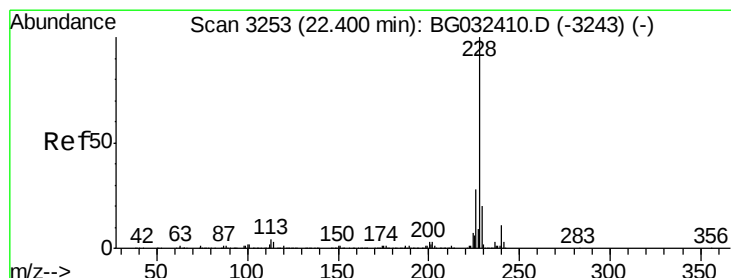
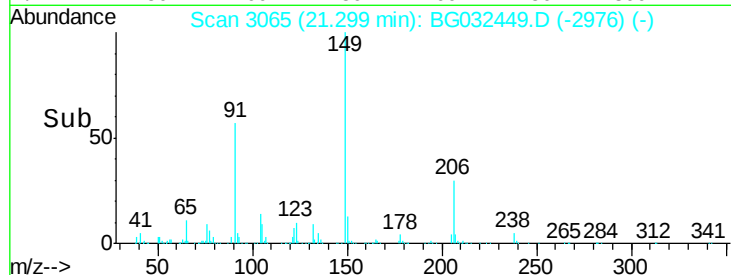
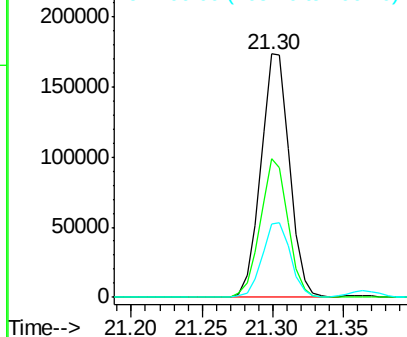
Tgt Ion:	149	Resp:	248374
Ion Ratio	Lower	Upper	
149	100		
91	57.1	62.2	93.2#
206	30.0	18.6	27.8#

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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



#80

Benzo(a)anthracene

Concen: 47.423 ng

RT: 22.39 min Scan# 3250

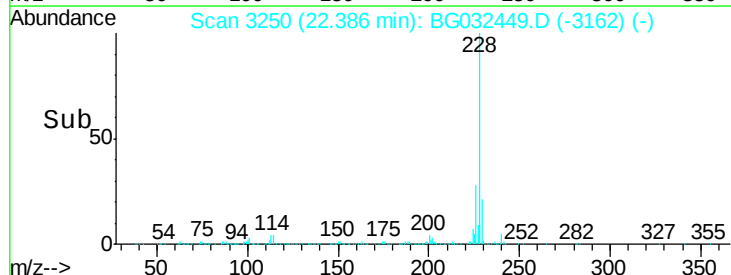
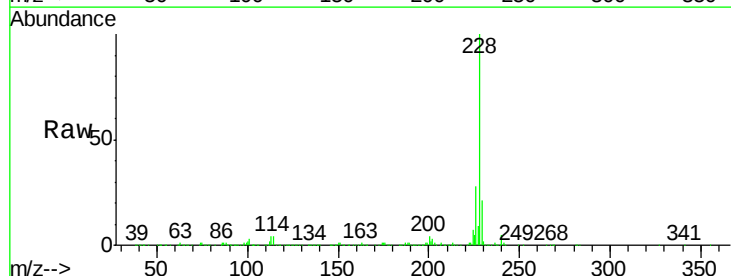
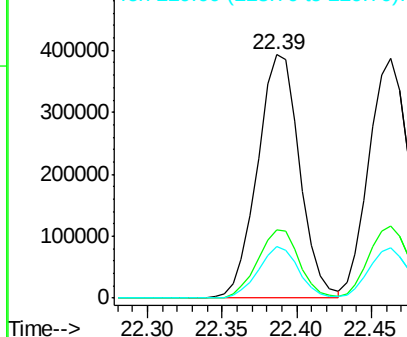
Delta R.T. -0.01 min

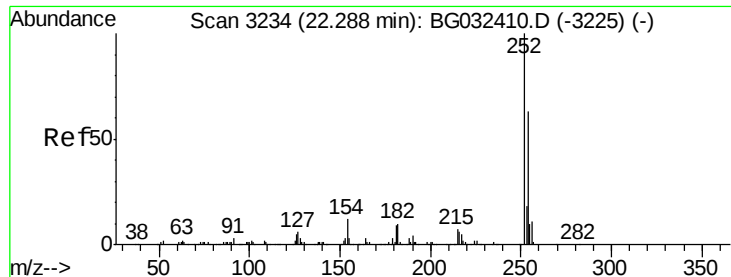
Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Tgt Ion:	228	Resp:	769982
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.7	34.1
229	21.3	16.2	24.2

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





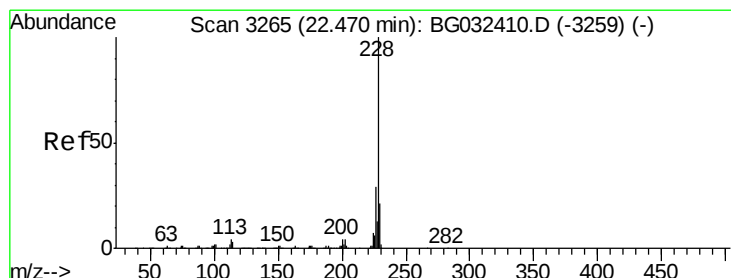
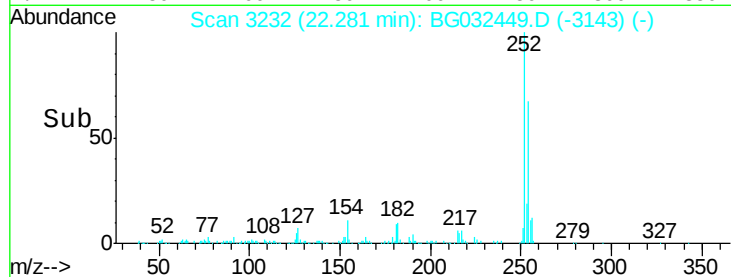
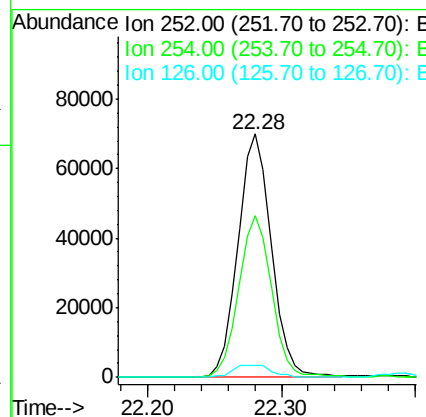
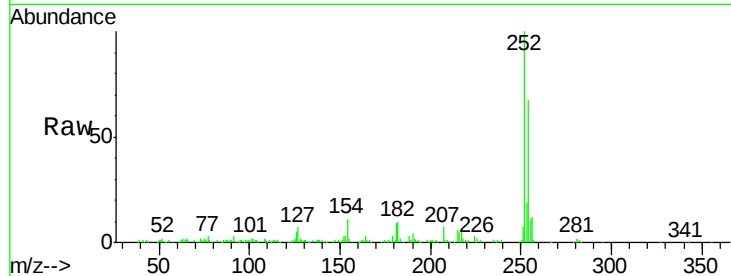
#81
 3,3'-Dichlorobenzidine
 Concen: 19.321 ng
 RT: 22.28 min Scan# 3232
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :
 PB106183BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.7	50.8	76.2
126	5.0	7.4	11.2

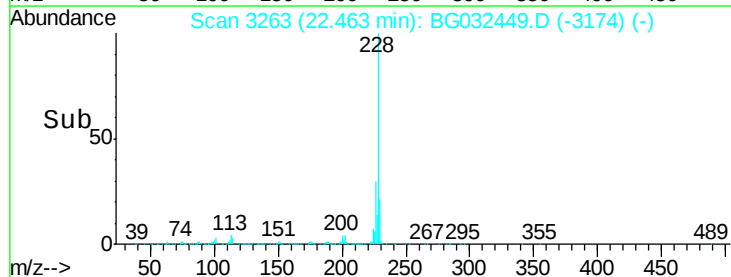
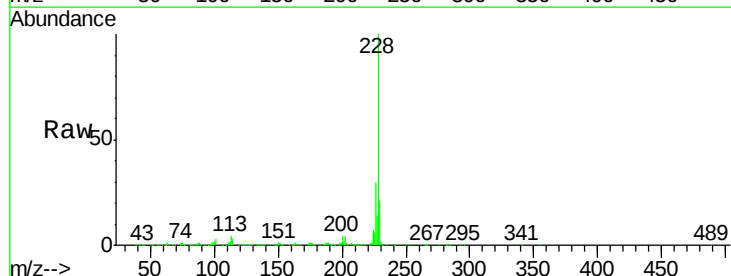
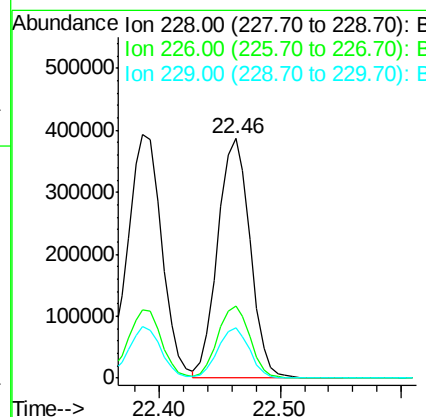
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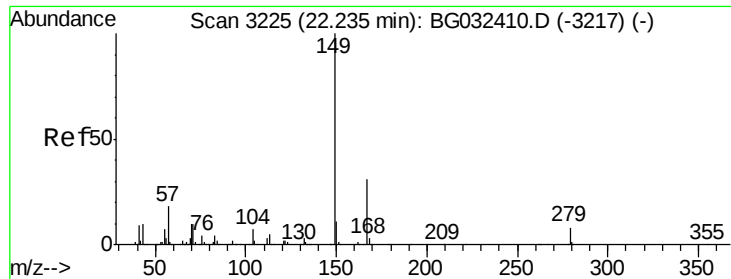
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#82
 Chrysene
 Concen: 45.513 ng
 RT: 22.46 min Scan# 3263
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	21.0	15.0	22.4





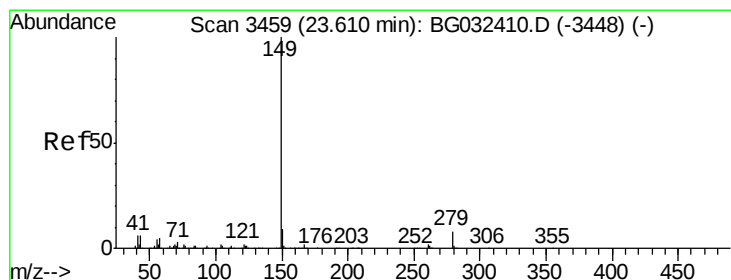
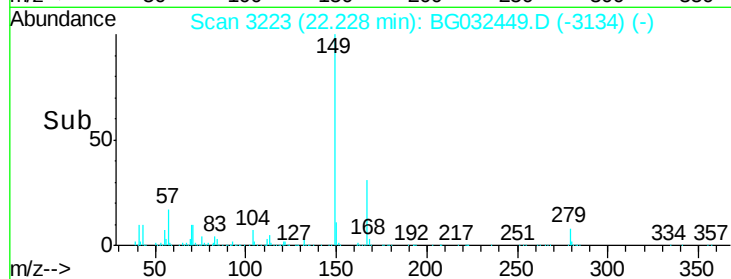
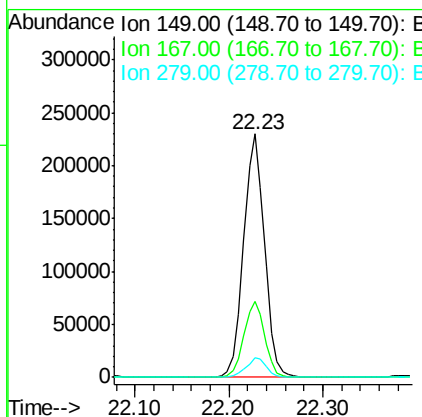
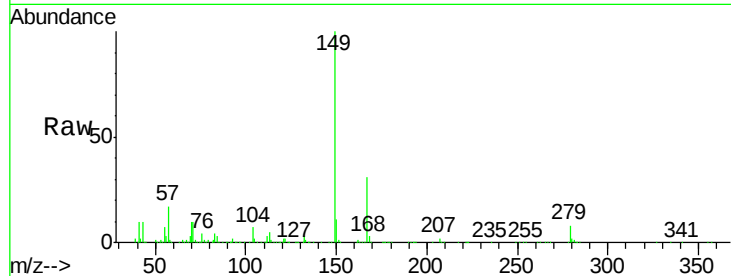
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 49.031 ng
 RT: 22.23 min Scan# 3223
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :
 PB106183BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	30.9	24.3	36.5
279	8.1	4.0	6.0

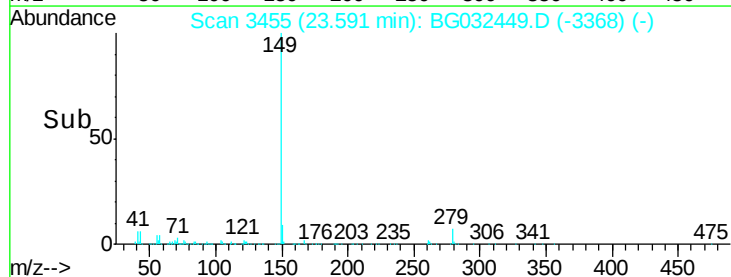
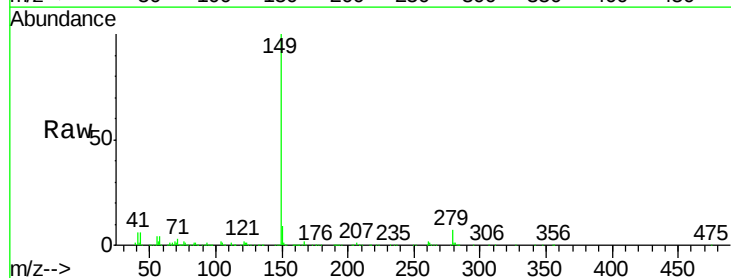
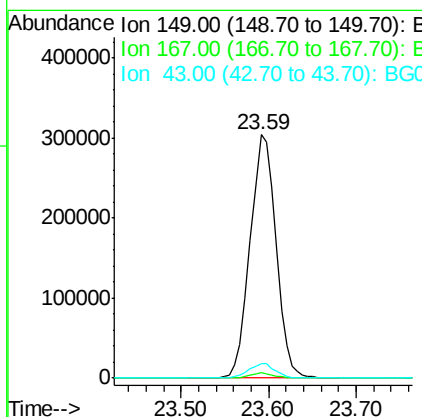
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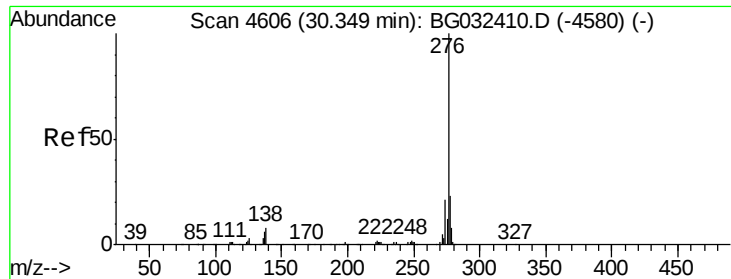
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#84
 Di-n-octyl phthalate
 Concen: 53.745 ng
 RT: 23.59 min Scan# 3455
 Delta R.T. -0.02 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	2.0	1.4	2.0
43	5.8	8.9	13.3





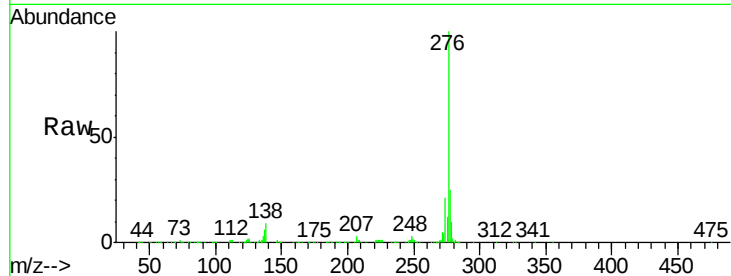
#85
Indeno(1,2,3-cd)pyrene
Concen: 49.652 ng
RT: 30.34 min Scan# 4604
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Instrument :
BNA_G
ClientSampleId :
PB106183BS

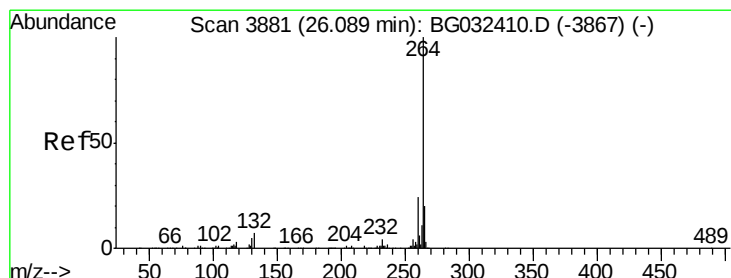
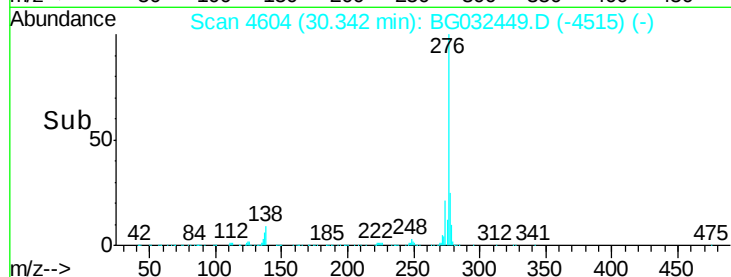
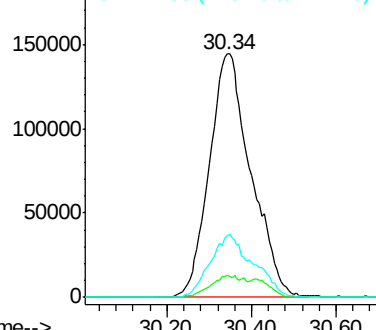
Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.4	16.0	24.0#
277	26.8	20.0	30.0

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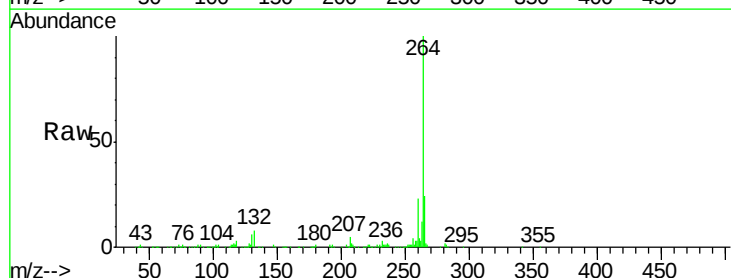


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

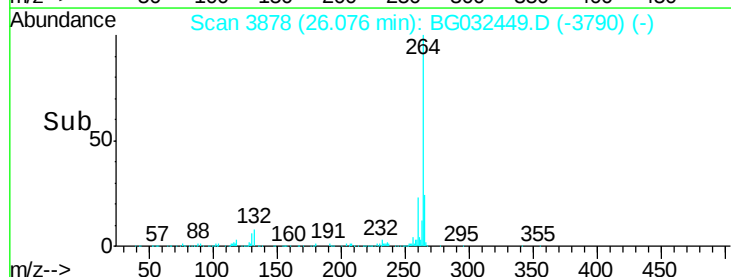
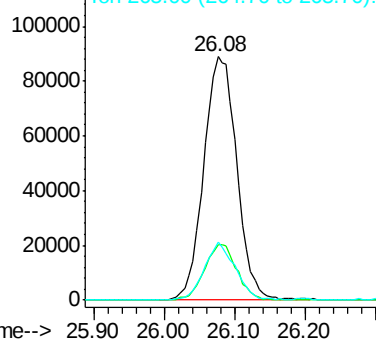


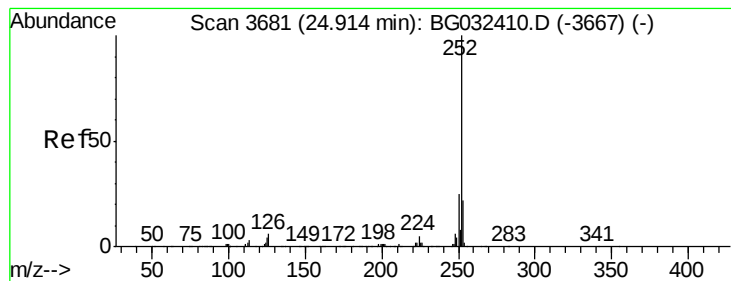
#86
Perylene-d12
Concen: 20.000 ng
RT: 26.08 min Scan# 3878
Delta R.T. -0.01 min
Lab File: BG032449.D
Acq: 30 Jan 2018 19:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	23.8	17.7	26.5



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





#87

Benzo(b)fluoranthene

Concen: 46.877 ng

RT: 24.91 min Scan# 3679

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

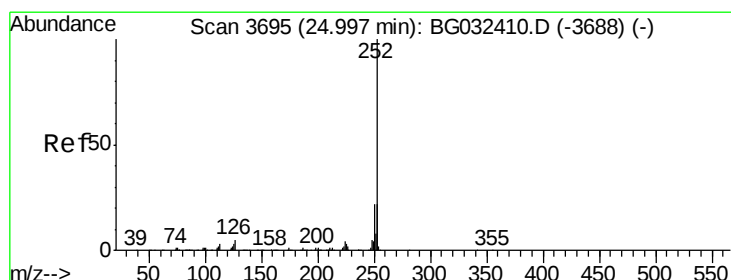
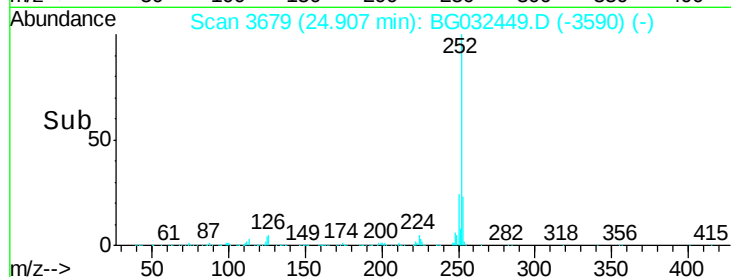
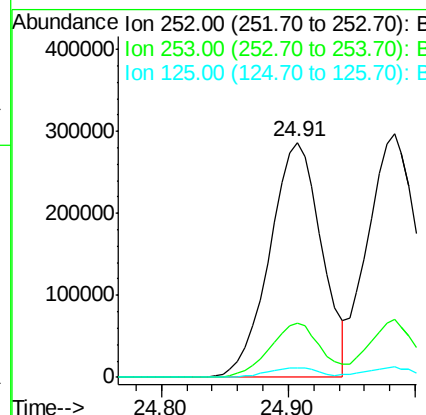
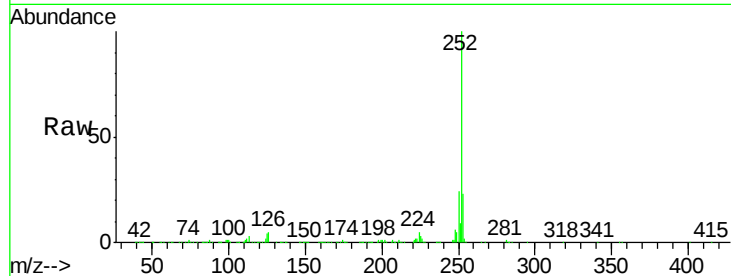
ClientSampleId :

PB106183BS

Tgt Ion:	252	Resp:	815104
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.2	27.4
125	4.1	7.2	10.8#

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#88

Benzo(k)fluoranthene

Concen: 46.536 ng

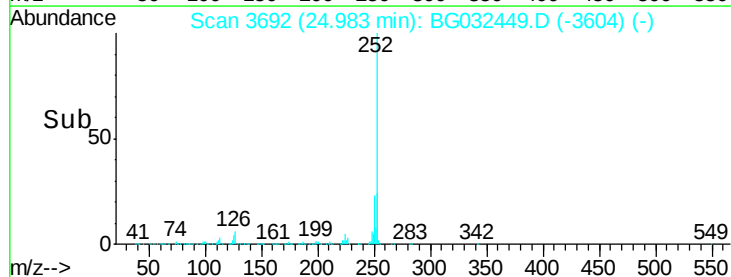
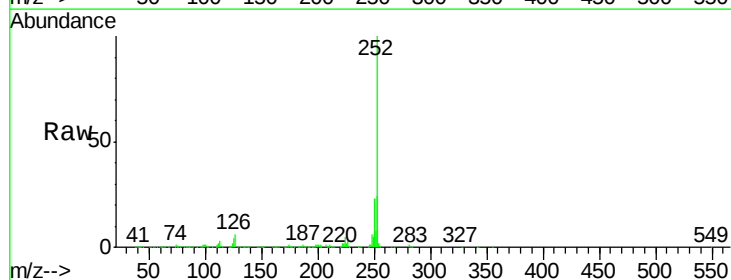
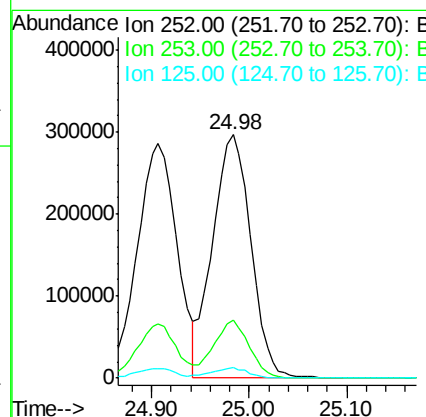
RT: 24.98 min Scan# 3692

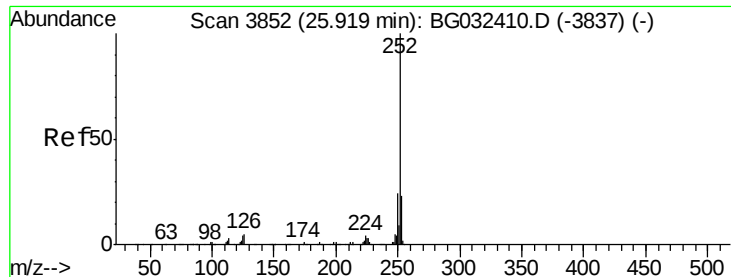
Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Tgt Ion:	252	Resp:	801595
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.4	26.2
125	4.3	6.6	9.8#





#89

Benzo(a)pyrene

Concen: 48.615 ng

RT: 25.91 min Scan# 3850

Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Instrument :

BNA_G

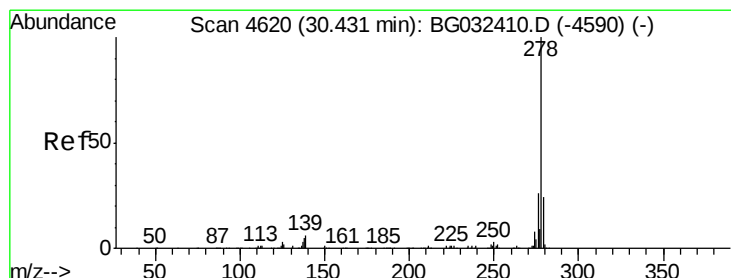
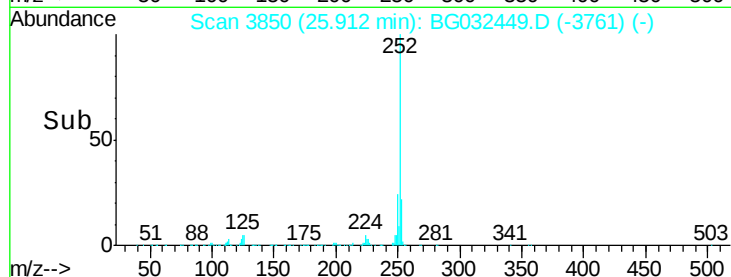
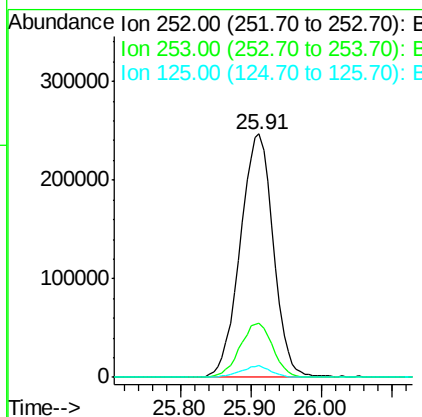
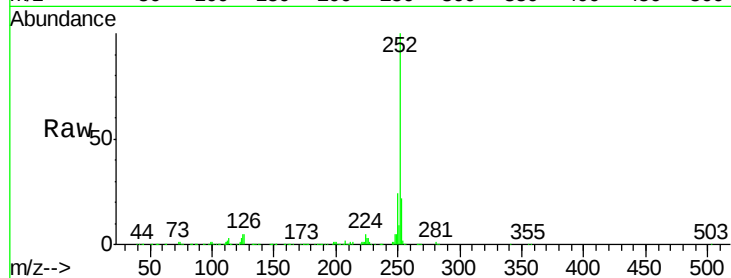
ClientSampleId :

PB106183BS

Tgt Ion:	252	Resp:	805898
Ion Ratio	Lower	Upper	
252	100		
253	22.1	18.3	27.5
125	4.7	7.3	10.9#

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#90

Dibenzo(a,h)anthracene

Concen: 48.497 ng

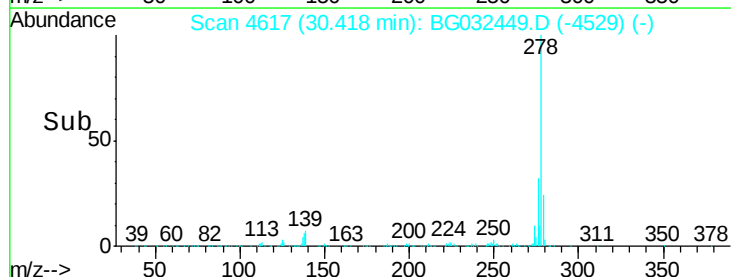
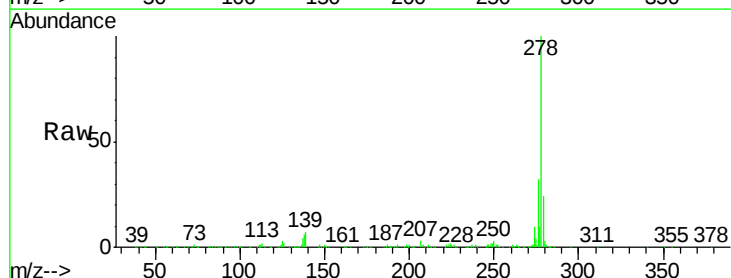
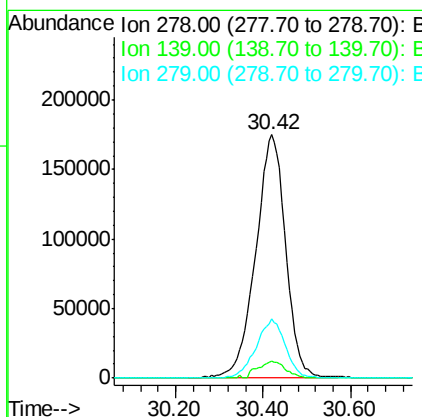
RT: 30.42 min Scan# 4617

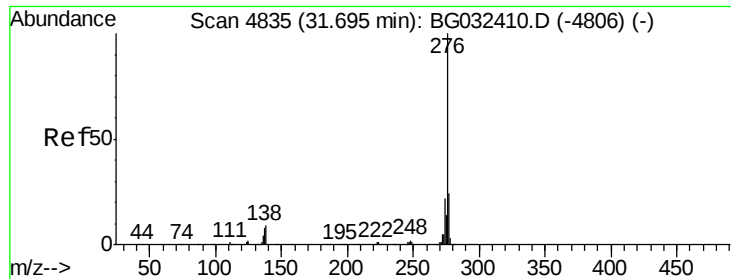
Delta R.T. -0.01 min

Lab File: BG032449.D

Acq: 30 Jan 2018 19:44

Tgt Ion:	278	Resp:	822411
Ion Ratio	Lower	Upper	
278	100		
139	6.8	9.8	14.6#
279	24.2	18.4	27.6





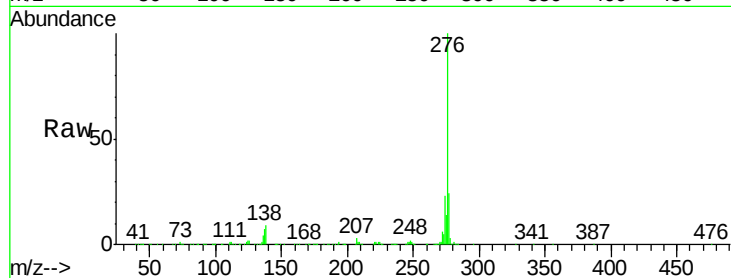
#91
 Benzo(g,h,i)perylene
 Concen: 48.949 ng
 RT: 31.69 min Scan# 4833
 Delta R.T. -0.01 min
 Lab File: BG032449.D
 Acq: 30 Jan 2018 19:44

Instrument :
 BNA_G
 ClientSampleId :
 PB106183BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
277	23.6	18.3	27.5
138	9.1	13.9	20.9

Manual Integrations
 APPROVED

Sohil
 1/31/2018 8:31:09 PM



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

