

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG012918\
 Data File : BG032418.D
 Acq On : 29 Jan 2018 17:25
 Operator : SJ/JU
 Sample : J1196-01DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 1024DL

Manual Integrations
 APPROVED

Sohil
 1/30/2018 6:22:52 PM

Quant Time: Jan 30 14:20:04 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	8.72	152	25981	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	105869	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	83677	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	229265	20.00	ng	0.00
75) Chrysene-d12	22.42	240	280806	20.00	ng	0.00
86) Perylene-d12	26.10	264	295617	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	21914	16.94	ng	0.00
7) Phenol-d6	7.82	99	31470	18.23	ng	0.00
23) Nitrobenzene-d5	9.92	82	20703	12.21	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	29532	18.54	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	86659	12.31	ng	0.00
78) Terphenyl-d14	20.62	244	201695	15.39	ng	0.00
Target Compounds						
8) 2-Chlorophenol	8.27	128	13204	8.636	ng	Qvalue # 76
10) Phenol	7.86	94	16192	9.878	ng	# 86
11) bis(2-Chloroethyl)ether	8.11	93	16973	13.590	ng	# 80
12) 1,3-Dichlorobenzene	8.61	146	9122	4.411	ng	98
13) 1,4-Dichlorobenzene	8.76	146	29290	14.133	ng	98
16) 2,2'-oxybis(1-Chloropropan	9.25	45	30119	25.449	ng	65
17) 2-Methylphenol	9.16	107	17038	12.798	ng	94
18) Hexachloroethane	9.84	117	8373	12.033	ng	# 80
19) n-Nitroso-di-n-propylamine	9.53	70	14798	12.930	ng	# 91
24) Nitrobenzene	9.96	77	14697	8.967	ng	# 78
25) Isophorone	10.48	82	62924	21.803	ng	# 85
26) 2-Nitrophenol	10.69	139	21514m	21.714	ng	
29) 2,4-Dichlorophenol	11.23	162	19226	10.206	ng	85
30) 1,2,4-Trichlorobenzene	11.46	180	68235	27.176	ng	99
31) Naphthalene	11.65	128	97225	18.803	ng	96
34) Hexachlorobutadiene	11.93	225	20905	10.701	ng	97
37) 2-Methylnaphthalene	13.22	142	75145	17.299	ng	90
46) 2-Chloronaphthalene	14.25	162	72811	13.141	ng	96
49) Dimethylphthalate	14.78	163	51739	6.706	ng	# 98
51) Acenaphthene	15.42	154	46450	7.996	ng	97
54) Dibenzofuran	15.75	168	122075	14.197	ng	99
55) 4-Nitrophenol	15.52	139	4662	4.403	ng	# 71
56) 2,4-Dinitrotoluene	15.69	165	46905	20.343	ng	# 69
57) Fluorene	16.39	166	127285	17.815	ng	97
59) Diethylphthalate	16.12	149	149761	19.930	ng	97
60) 4-Chlorophenyl-phenylether	16.37	204	71407	15.849	ng	95
66) 4-Bromophenyl-phenylether	17.27	248	103261	30.402	ng	93
69) Pentachlorophenol	17.73	266	31573	13.409	ng	97
71) Anthracene	18.22	178	191238	15.022	ng	95
74) Fluoranthene	20.09	202	294423	17.560	ng	95
82) Chrysene	22.47	228	172364	10.252	ng	96
84) Di-n-octyl phthalate	23.61	149	323623	26.488	ng	# 89
85) Indeno(1,2,3-cd)pyrene	30.35	276	345270	16.234	ng	# 89
87) Benzo(b)fluoranthene	24.91	252	270968	15.170	ng	# 93

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG012918\
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Sample : J1196-01DL 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
1024DL

Manual Integrations
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Quant Time: Jan 30 14:20:04 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)
88) Benzo(k)fluoranthene	24.99	252	250780	14.173	ng	# 95
90) Dibenzo(a,h)anthracene	30.43	278	218151	12.523	ng	# 93
91) Benzo(g,h,i)perylene	31.68	276	135489	7.836	ng	# 91

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

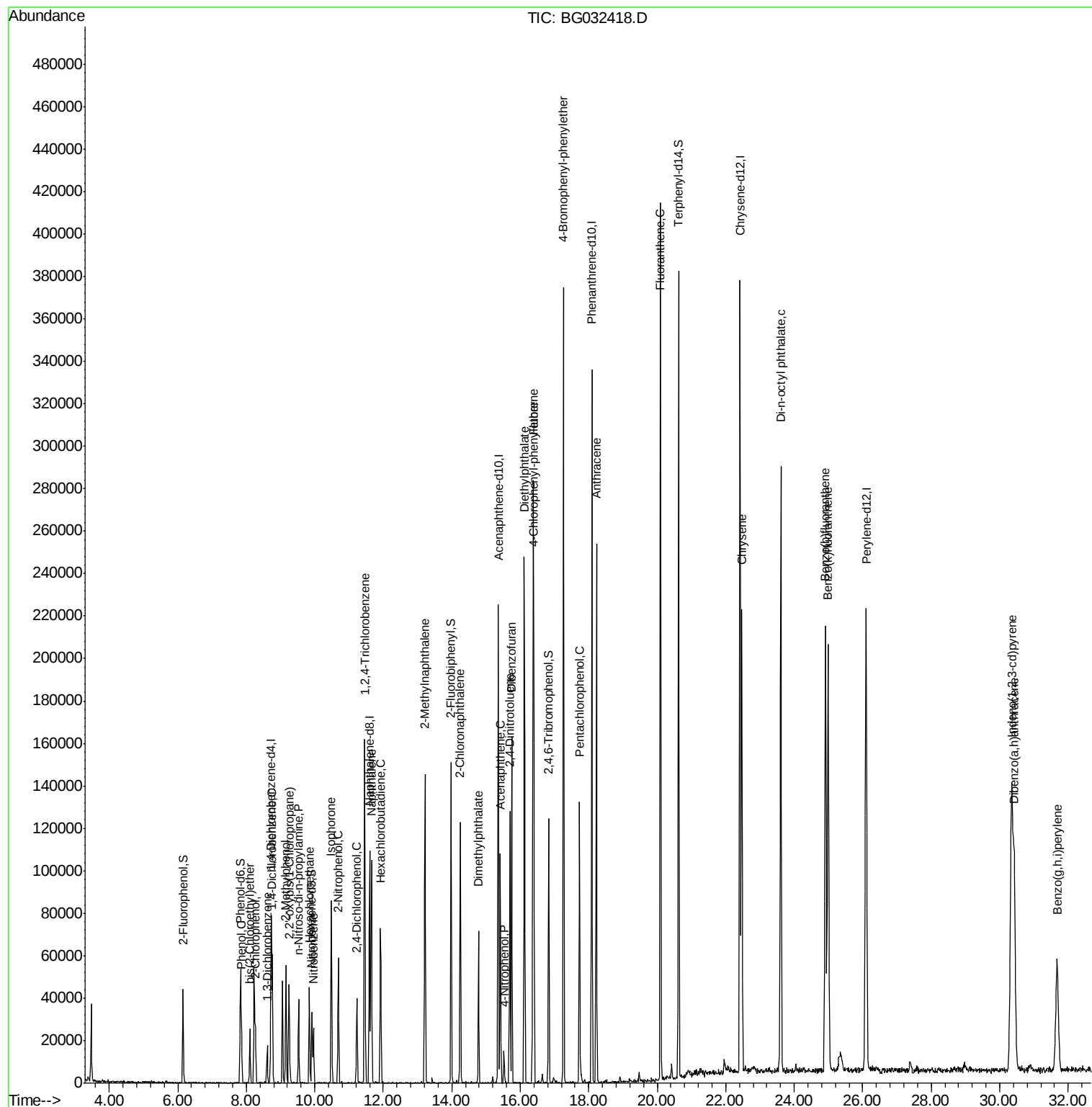
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Data File : BG032418.D
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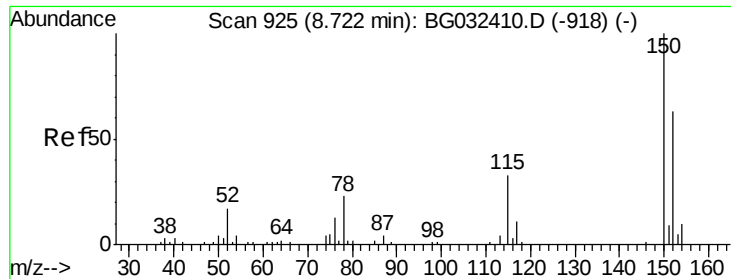
Instrument :
BNA_G
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1024DL

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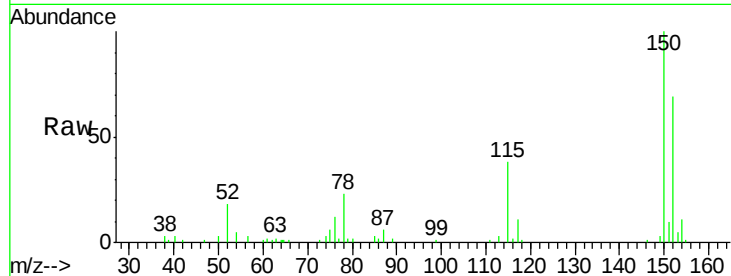
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.72 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BG032418.D
 Acq: 29 Jan 2018 17:25

Instrument :
 BNA_G
 ClientSampleId :
 1024DL

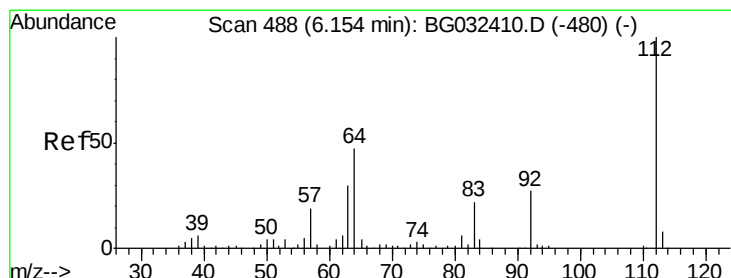
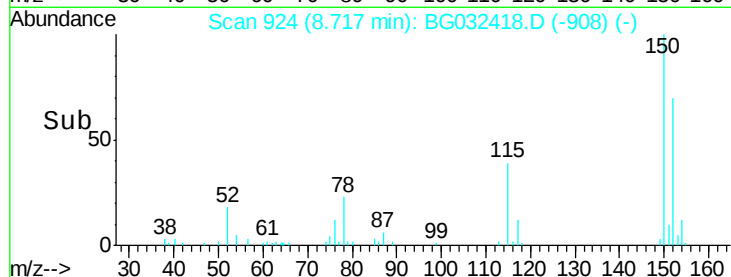
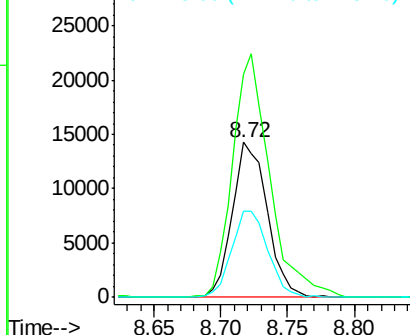
Tgt Ion	Ratio	Lower	Upper
152	100		
150	144.5	126.6	189.8
115	55.4	53.0	79.4

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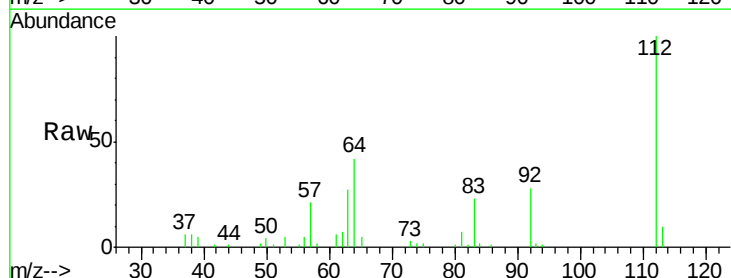


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

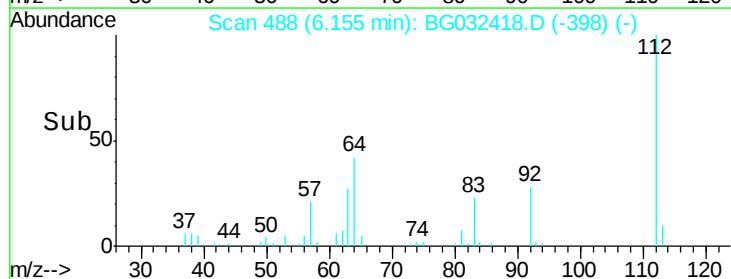
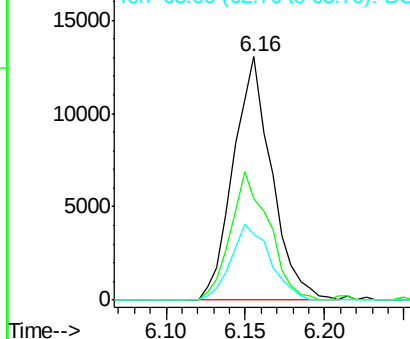


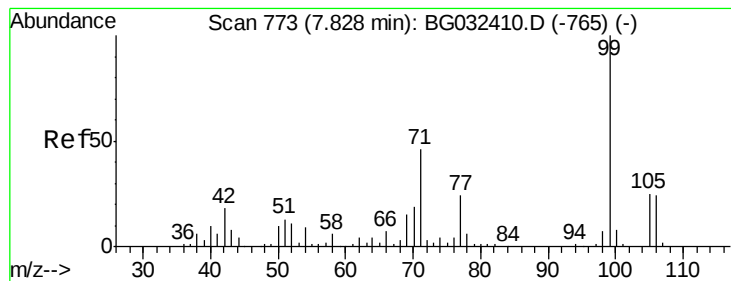
#5
 2-Fluorophenol
 Concen: 16.941 ng
 RT: 6.16 min Scan# 488
 Delta R.T. 0.00 min
 Lab File: BG032418.D
 Acq: 29 Jan 2018 17:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	41.7	56.3	84.5#
63	27.0	30.1	45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 18.232 ng

RT: 7.82 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Instrument :

BNA_G

ClientSampled :

1024DL

Tgt Ion: 99 Resp: 31470

Ion Ratio Lower Upper

99 100

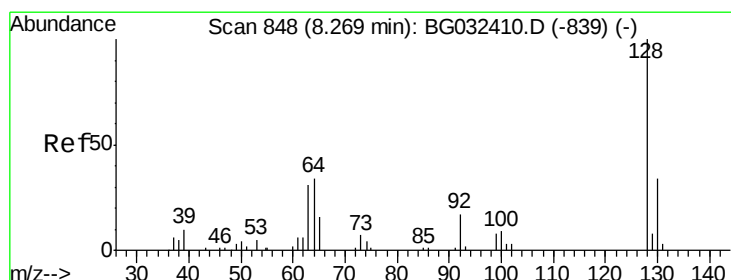
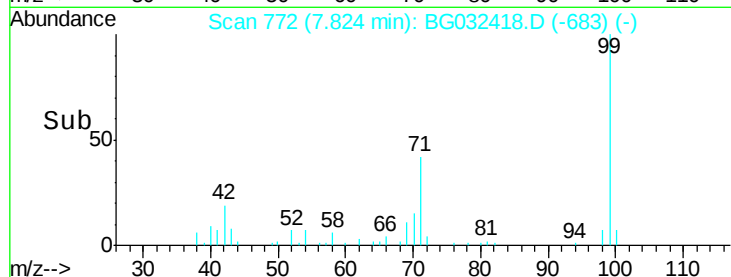
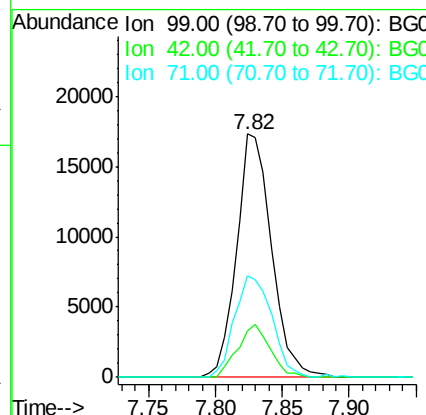
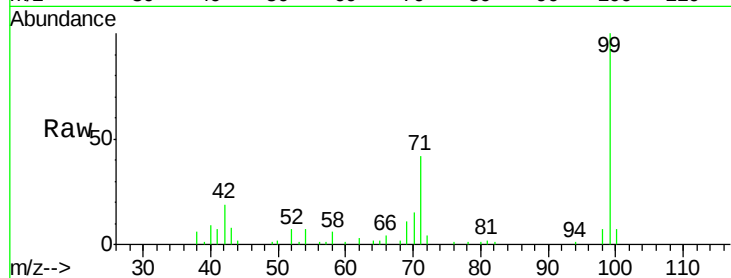
42 19.1 14.1 21.1

71 41.5 26.1 39.1#

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#8

2-Chlorophenol

Concen: 8.636 ng

RT: 8.27 min Scan# 848

Delta R.T. 0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

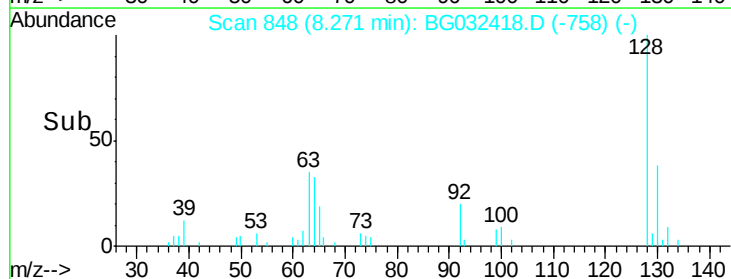
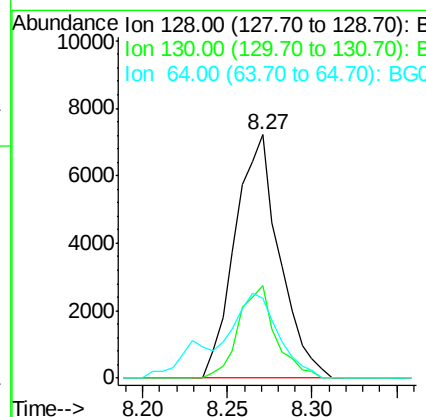
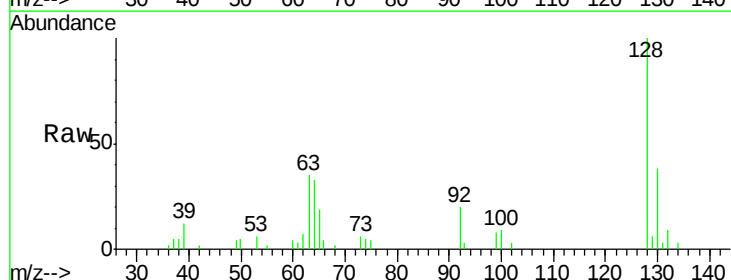
Tgt Ion: 128 Resp: 13204

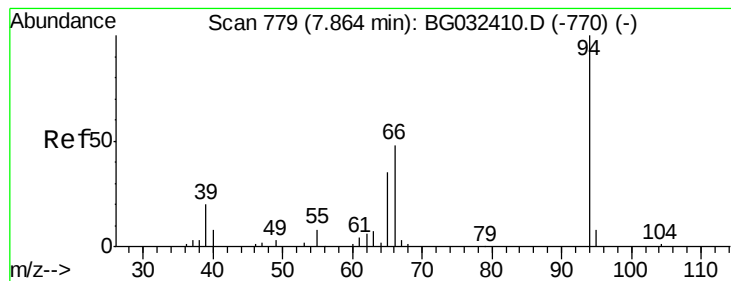
Ion Ratio Lower Upper

128 100

130 38.3 14.0 54.0

64 32.5 37.7 77.7#





#10

Phenol

Concen: 9.878 ng

RT: 7.86 min Scan# 778

Delta R.T. -0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Instrument :

BNA_G

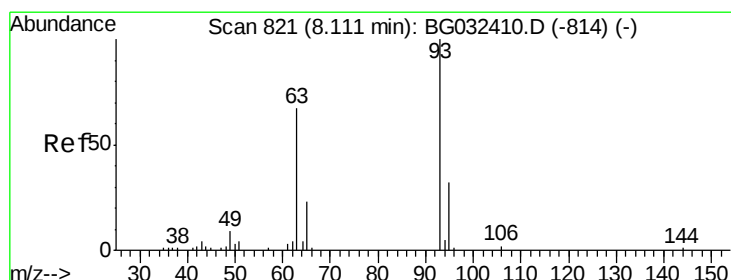
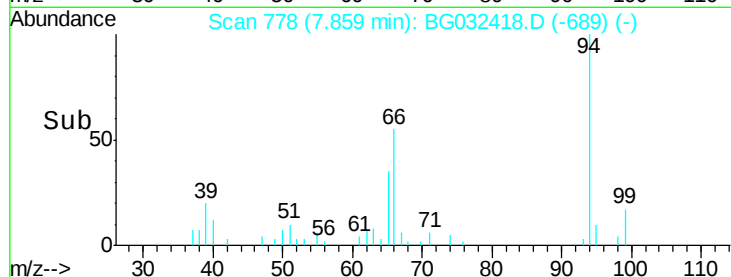
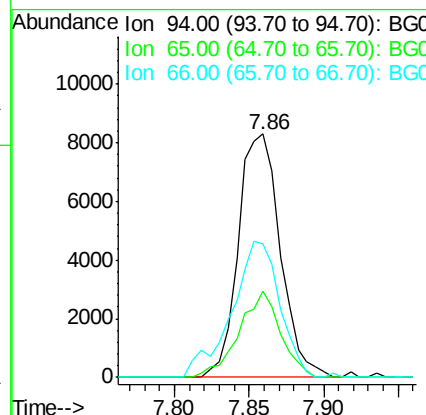
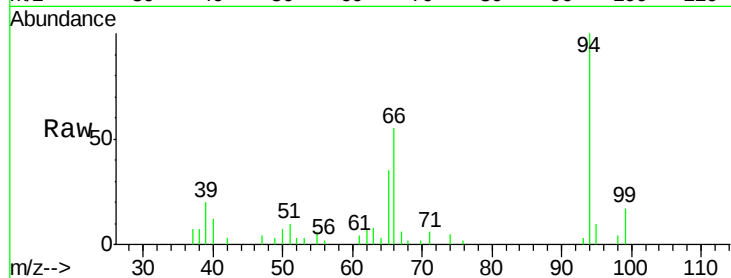
ClientSampled :

1024DL

Tgt Ion:	94	Resp:	16192
Ion	Ratio	Lower	Upper
94	100		
65	35.5	11.9	51.9
66	54.6	22.2	62.2

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#11

bis(2-Chloroethyl)ether

Concen: 13.590 ng

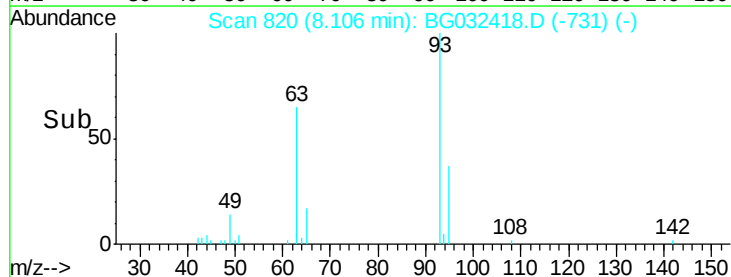
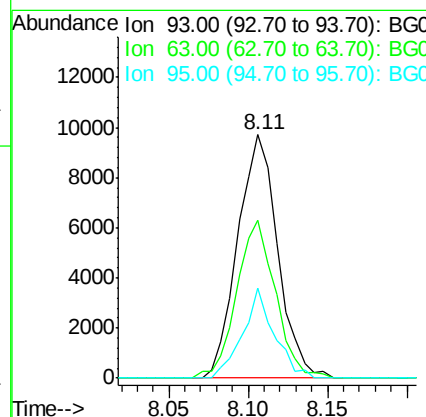
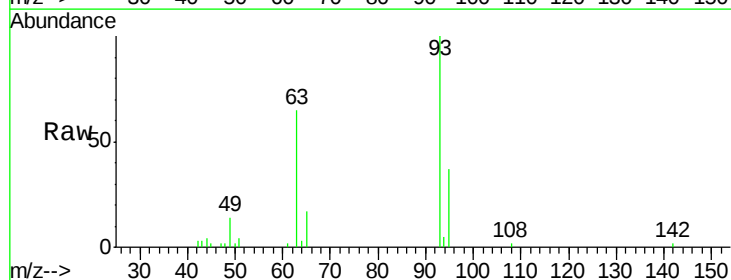
RT: 8.11 min Scan# 820

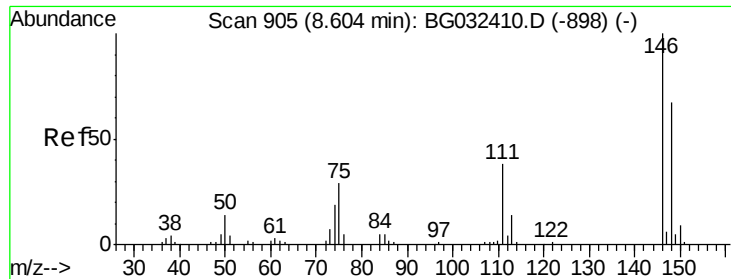
Delta R.T. -0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Tgt Ion:	93	Resp:	16973
Ion	Ratio	Lower	Upper
93	100		
63	65.1	67.1	107.1#
95	36.8	11.5	51.5





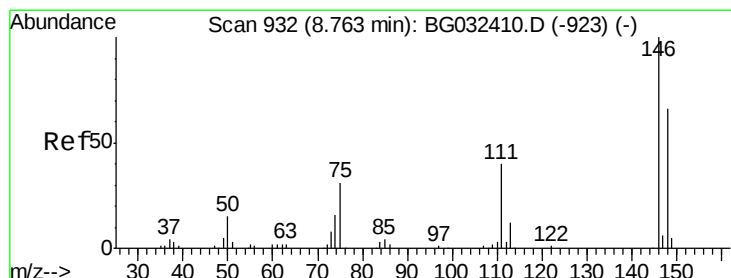
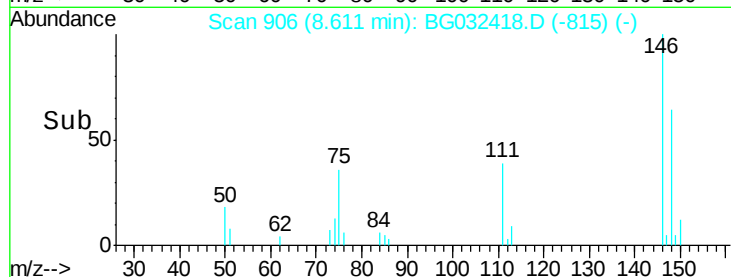
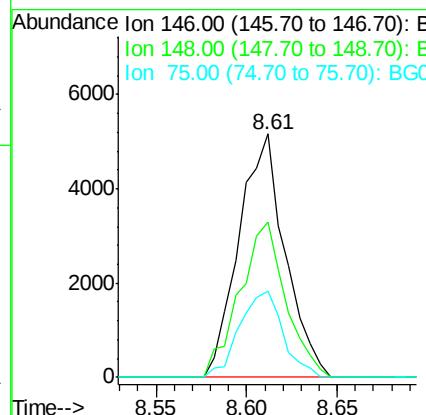
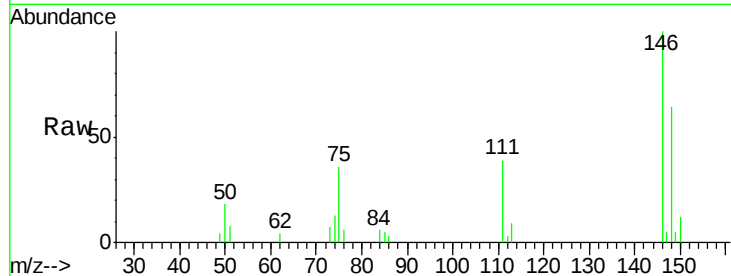
#12
 1,3-Dichlorobenzene
 Concen: 4.411 ng
 RT: 8.61 min Scan# 906
 Delta R.T. 0.01 min
 Lab File: BG032418.D
 Acq: 29 Jan 2018 17:25

Instrument :
 BNA_G
 ClientSampleId :
 1024DL

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	51.4	77.2
75	35.5	26.6	39.8

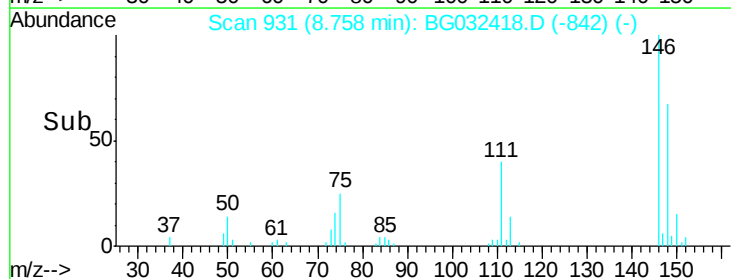
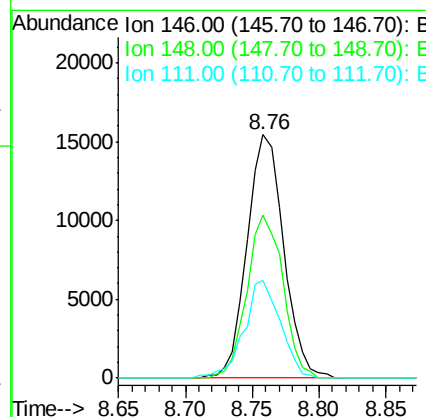
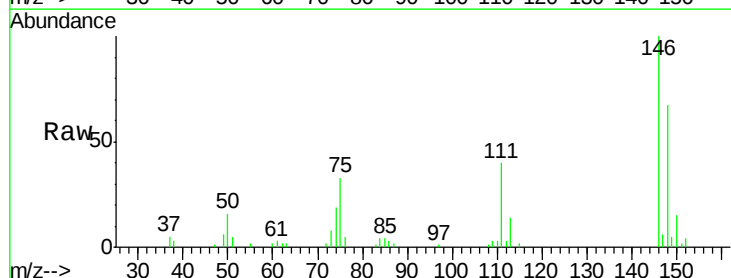
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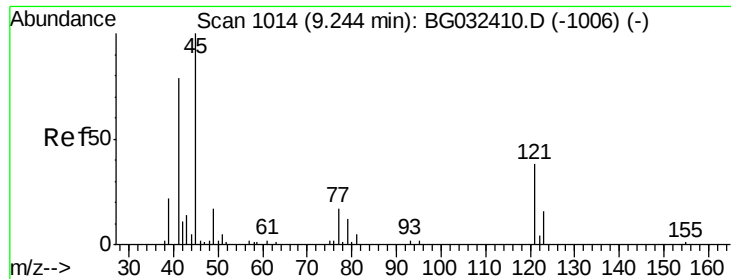
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#13
 1,4-Dichlorobenzene
 Concen: 14.133 ng
 RT: 8.76 min Scan# 931
 Delta R.T. -0.00 min
 Lab File: BG032418.D
 Acq: 29 Jan 2018 17:25

Tgt Ion	Ratio	Lower	Upper
146	100		
148	67.1	53.7	80.5
111	40.2	35.2	52.8





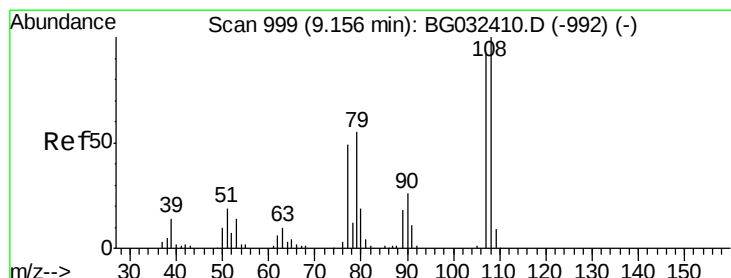
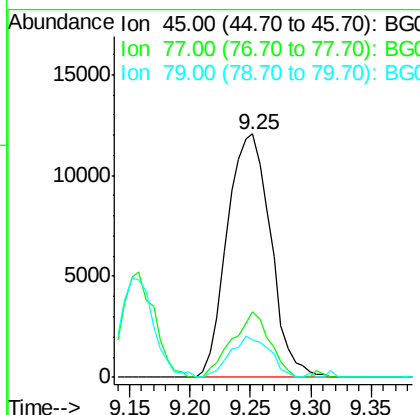
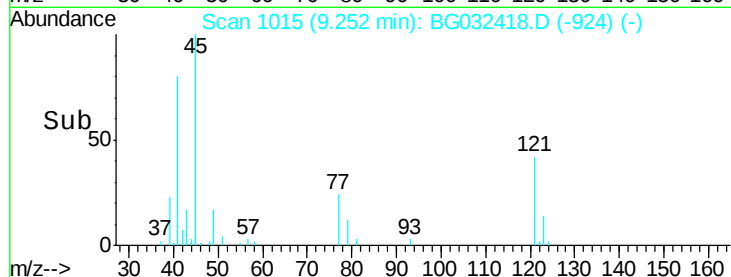
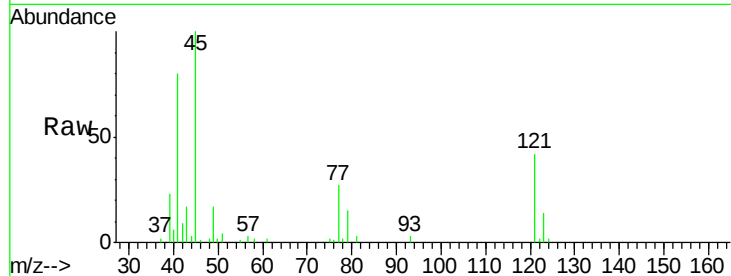
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2,2'-oxybis(1-Chloropropane)
Concen: 25.449 ng
RT: 9.25 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

Instrument :
BNA_G
ClientSampleId :
1024DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
45	100		30119
77	27.1	0.0	30.2
79	15.2	0.0	27.9

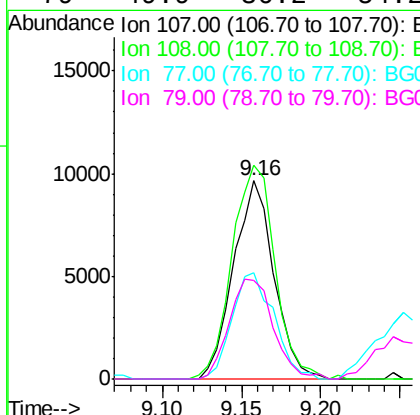
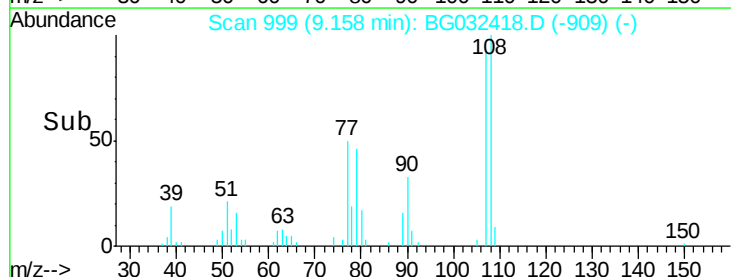
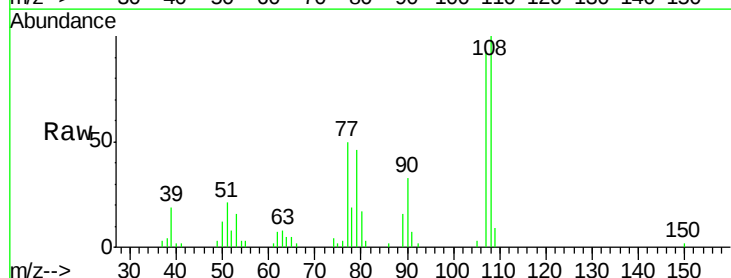
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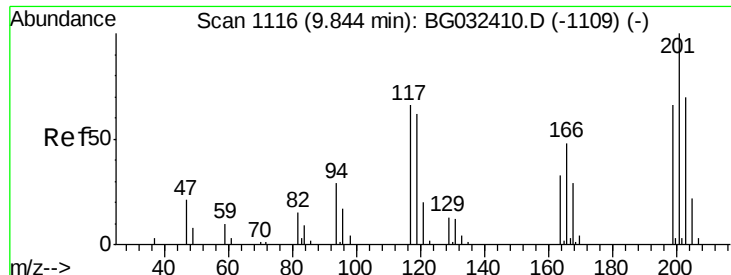
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#17
2-Methylphenol
Concen: 12.798 ng
RT: 9.16 min Scan# 999
Delta R.T. 0.00 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
107	100		17038
108	107.7	83.9	125.9
77	53.8	37.2	55.8
79	49.9	36.2	54.2





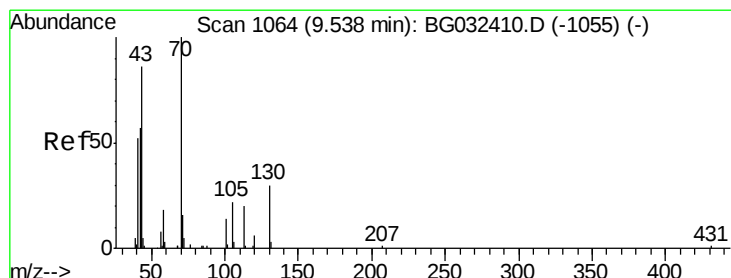
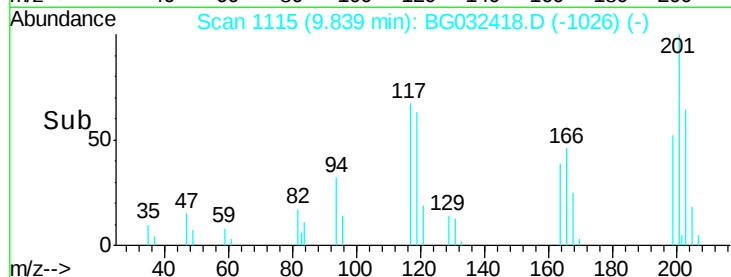
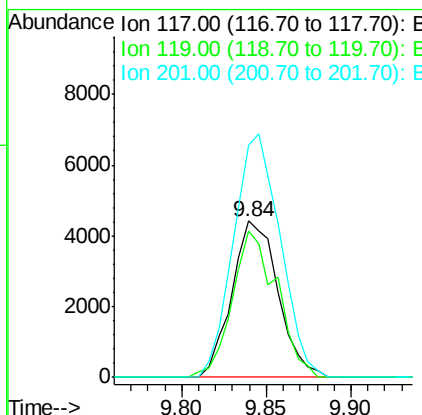
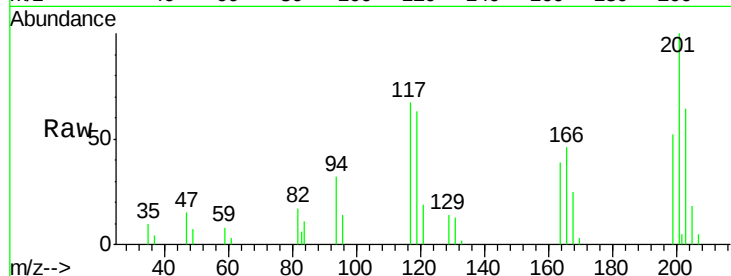
#18
Hexachloroethane
Concen: 12.033 ng
RT: 9.84 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

Instrument :
BNA_G
ClientSampled :
1024DL

Tgt Ion: 117 Resp: 8373
Ion Ratio Lower Upper
117 100
119 93.2 76.7 115.1
201 156.6 95.7 143.5#

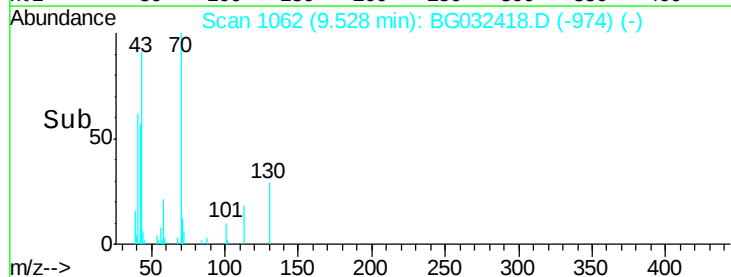
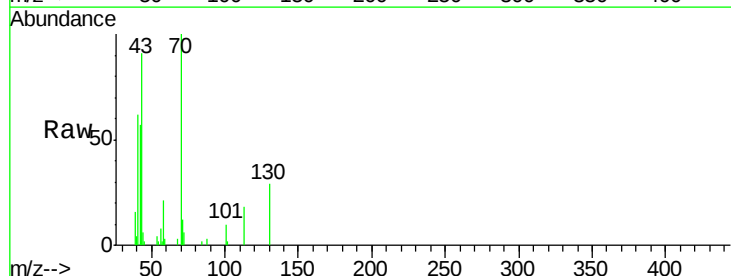
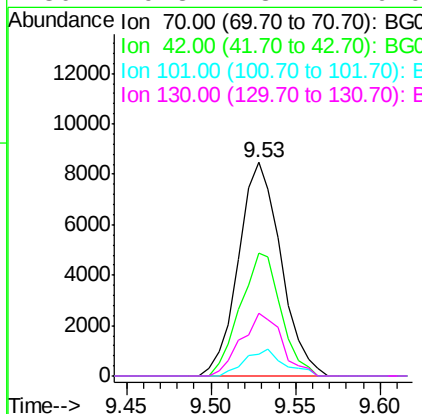
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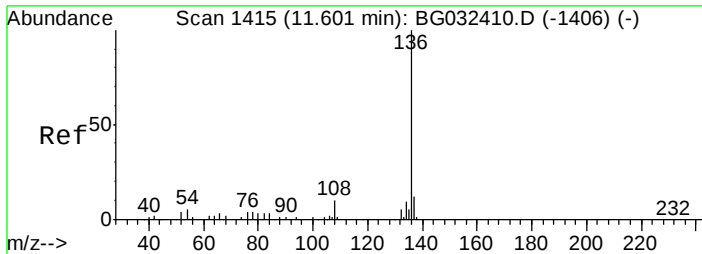
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#19
n-Nitroso-di-n-propylamine
Concen: 12.930 ng
RT: 9.53 min Scan# 1062
Delta R.T. -0.01 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

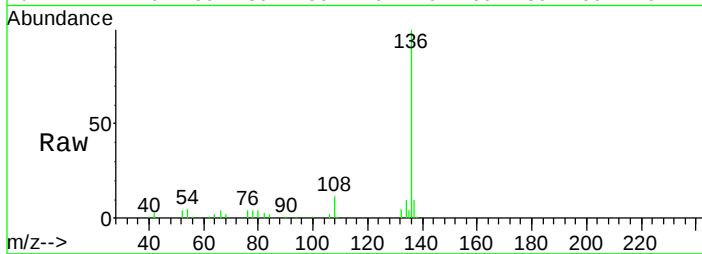
Tgt Ion: 70 Resp: 14798
Ion Ratio Lower Upper
70 100
42 57.3 49.1 73.7
101 10.3 8.5 12.7
130 29.3 13.4 20.0#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.60 min Scan# 1415
Delta R.T. 0.00 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

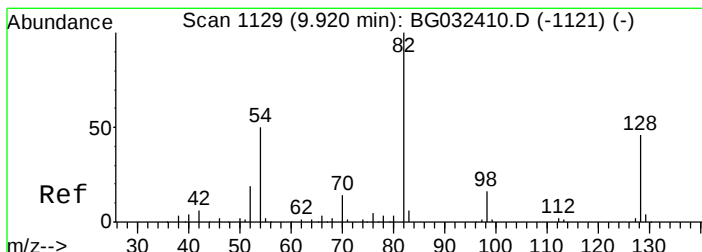
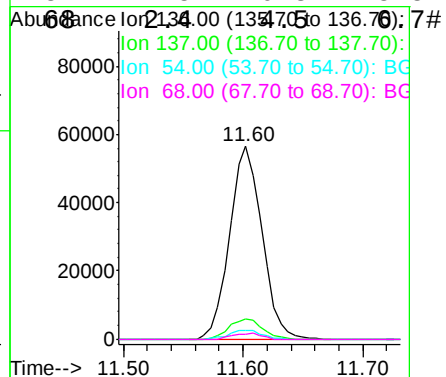
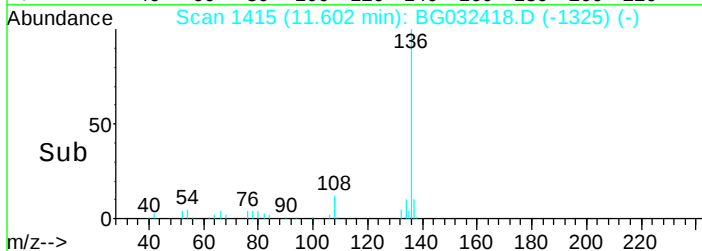
Instrument :
BNA_G
ClientSampleId :
1024DL



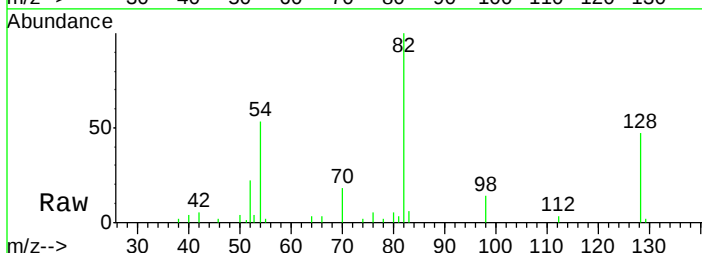
Tgt Ion: 136 Resp: 105869
Ion Ratio Lower Upper
136 100
137 10.5 9.2 13.8
54 4.5 10.3 15.5#

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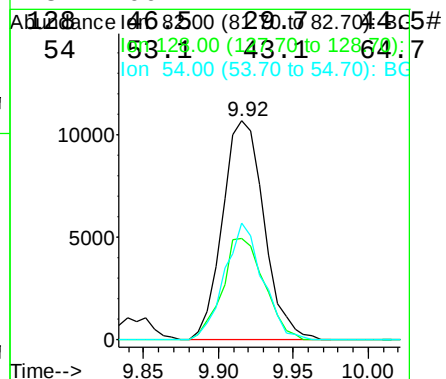
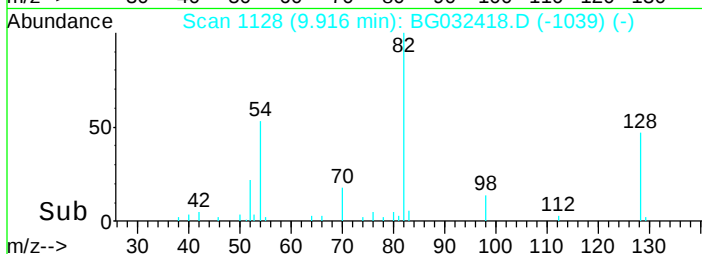
Sohil
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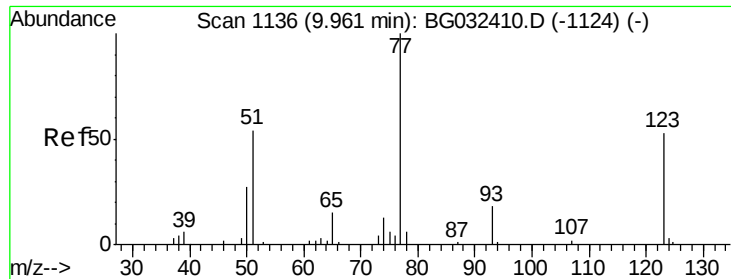


#23
Nitrobenzene-d5
Concen: 12.214 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25



Tgt Ion: 82 Resp: 20703
Ion Ratio Lower Upper
82 100





#24

Nitrobenzene

Concen: 8.967 ng

RT: 9.96 min Scan# 1135

Delta R.T. -0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Instrument :

BNA_G

ClientSampleId :

1024DL

Tgt Ion: 77 Resp: 14697
Ion Ratio Lower Upper

77 100

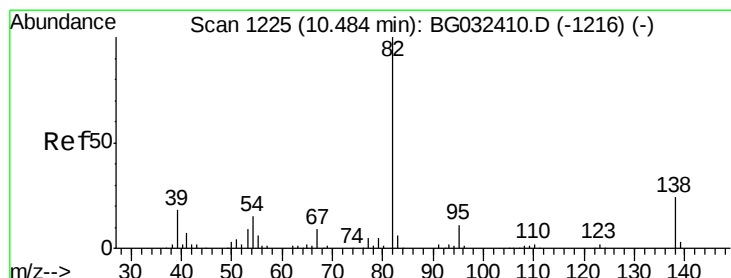
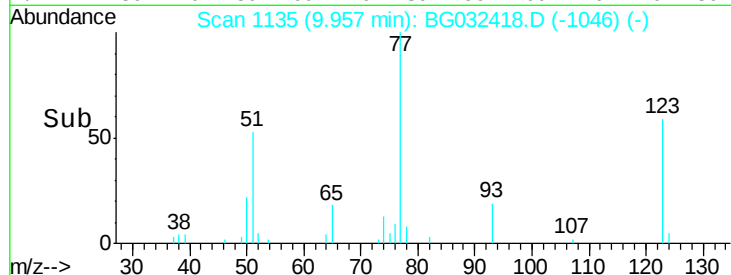
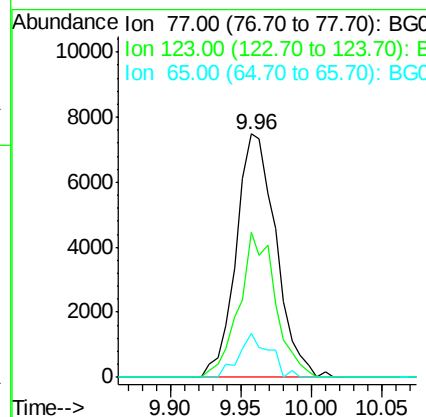
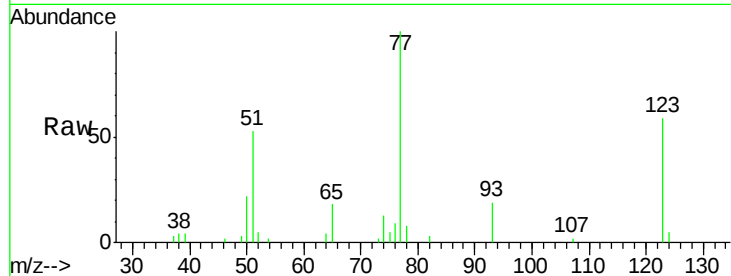
123 59.4 33.0 49.6#

65 18.2 13.0 19.6

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#25

Isophorone

Concen: 21.803 ng

RT: 10.48 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BG032418.D

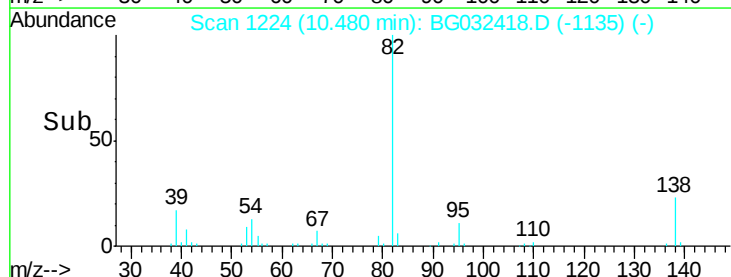
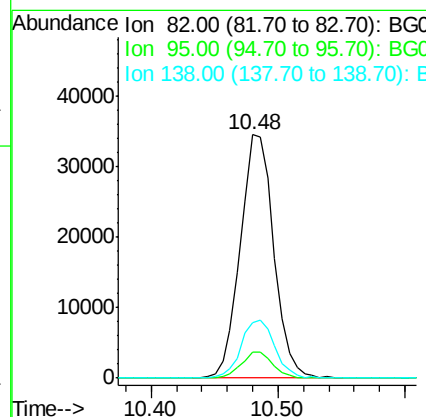
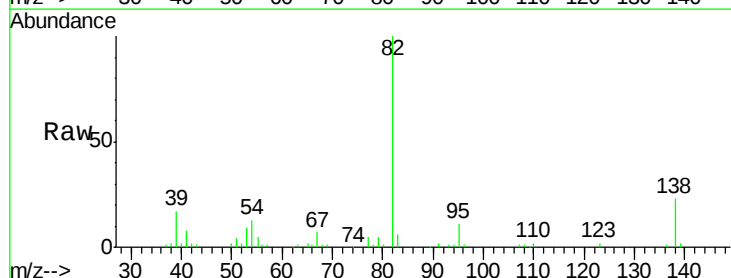
Acq: 29 Jan 2018 17:25

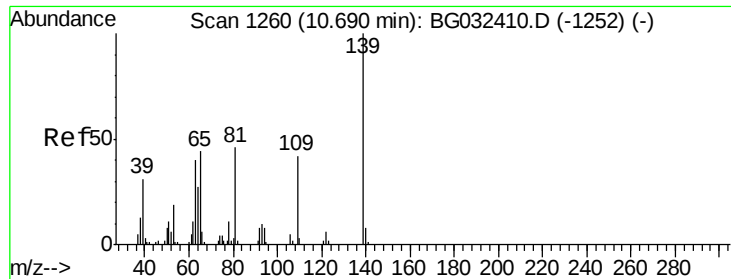
Tgt Ion: 82 Resp: 62924
Ion Ratio Lower Upper

82 100

95 10.7 6.2 9.2#

138 22.9 12.1 18.1#





#26

2-Nitrophenol

Concen: 21.714 ng m

RT: 10.69 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Instrument :

BNA_G

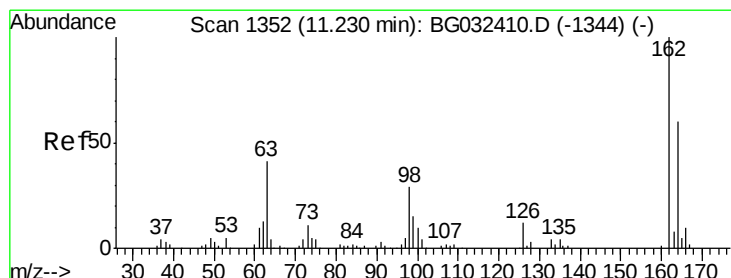
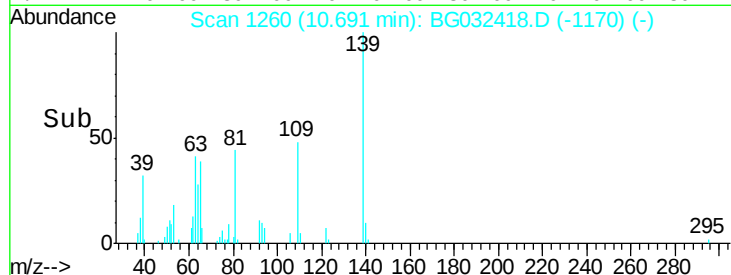
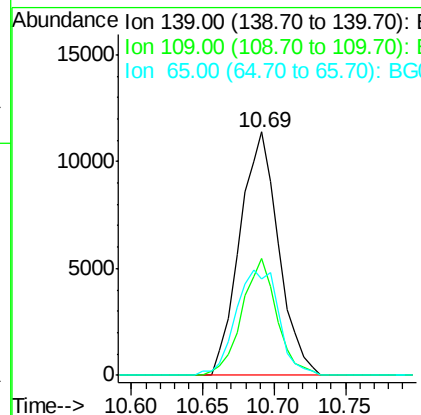
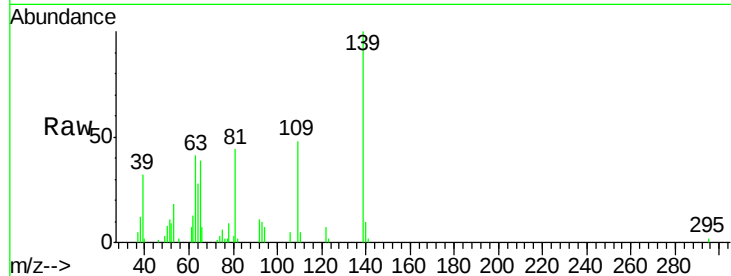
ClientSampled :

1024DL

Tgt Ion:	139	Resp:	21514
Ion Ratio	Lower	Upper	
139	100		
109	48.2	24.2	36.2#
65	39.4	47.4	71.0#

Manual Integrations
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#29

2,4-Dichlorophenol

Concen: 10.206 ng

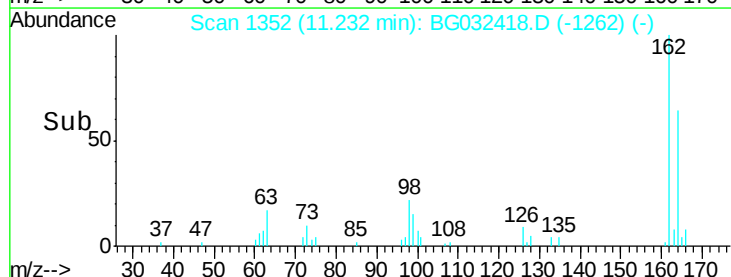
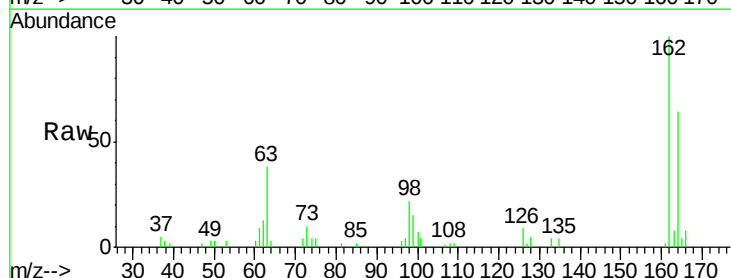
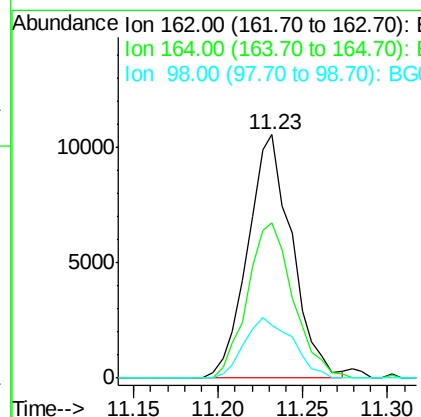
RT: 11.23 min Scan# 1352

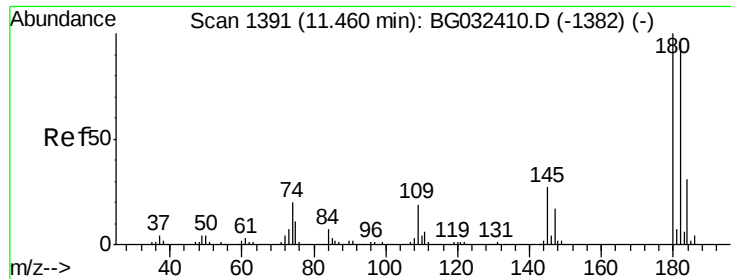
Delta R.T. 0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Tgt Ion:	162	Resp:	19226
Ion Ratio	Lower	Upper	
162	100		
164	63.6	48.0	88.0
98	21.8	21.1	61.1





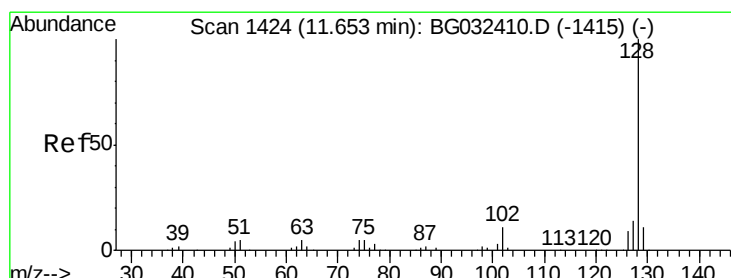
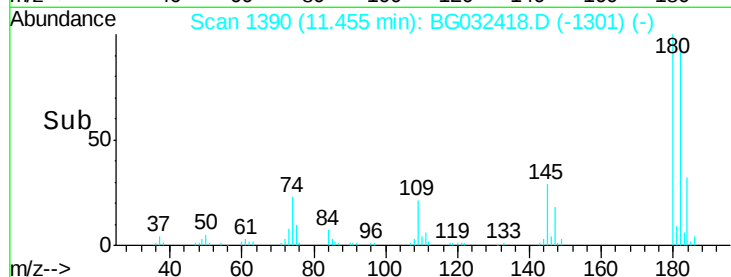
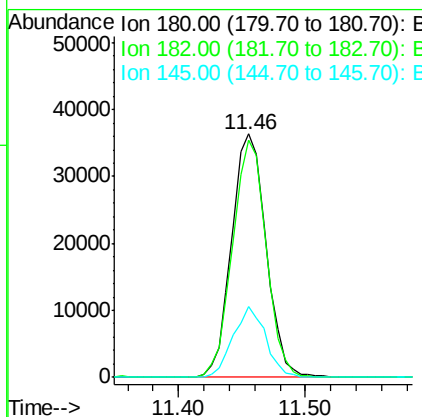
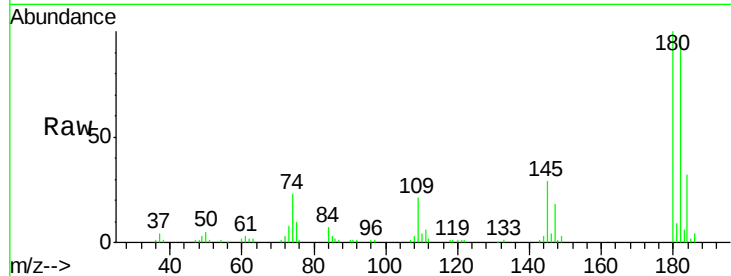
#30
 1,2,4-Trichlorobenzene
 Concen: 27.176 ng
 RT: 11.46 min Scan# 1390
 Delta R.T. -0.00 min
 Lab File: BG032418.D
 Acq: 29 Jan 2018 17:25

Instrument :
 BNA_G
 ClientSampleId :
 1024DL

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	68235		
182	97.5	77.5	116.3	
145	29.1	23.4	35.2	

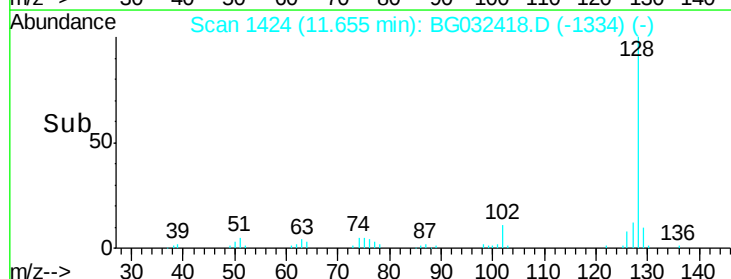
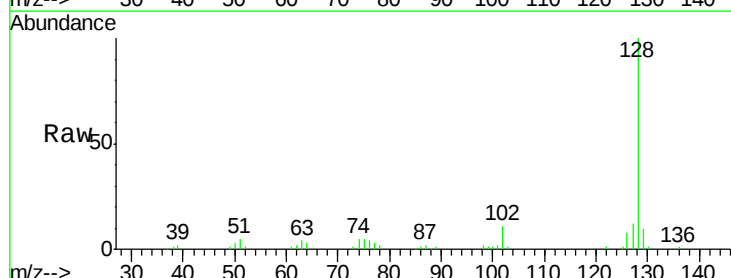
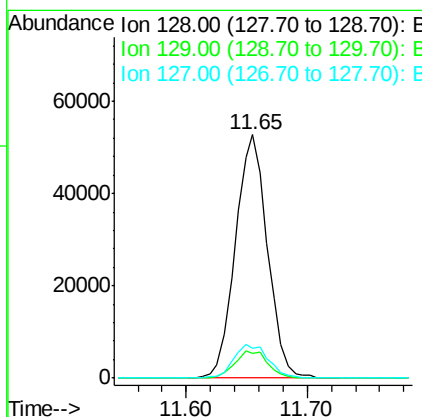
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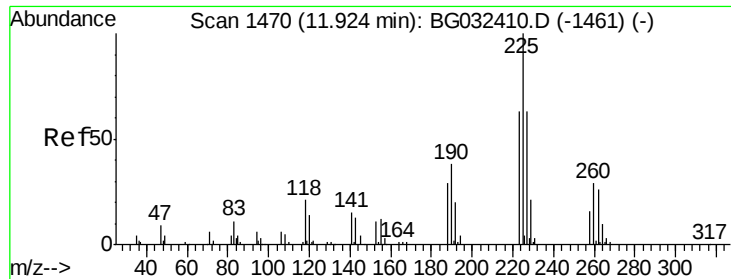
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#31
 Naphthalene
 Concen: 18.803 ng
 RT: 11.65 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BG032418.D
 Acq: 29 Jan 2018 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	97225		
129	10.4	8.6	12.8	
127	12.0	11.6	17.4	





#34

Hexachlorobutadiene

Concen: 10.701 ng

RT: 11.93 min Scan# 1470

Delta R.T. 0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Instrument :

BNA_G

ClientSampleId :

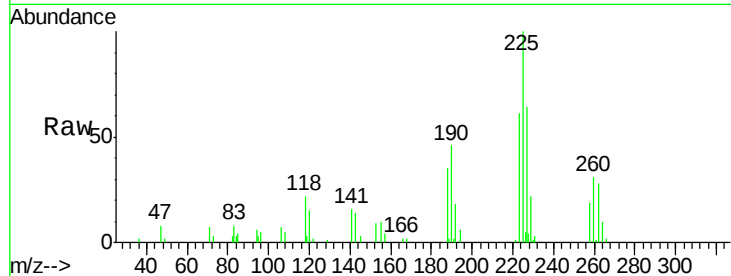
1024DL

Tgt Ion:	225	Resp:	20905
Ion Ratio		Lower	Upper
225	100		
223	61.1	49.7	74.5
227	63.6	48.1	72.1

Manual Integrations
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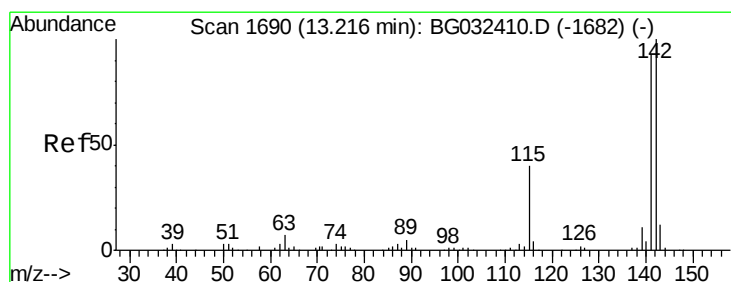
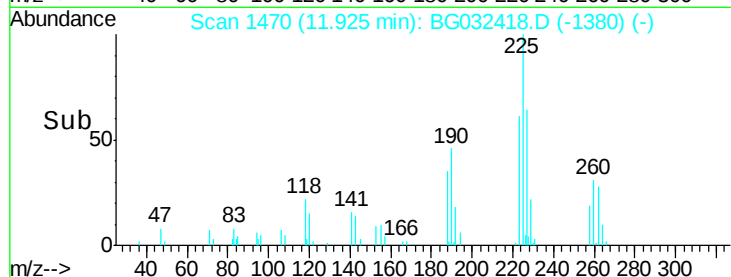
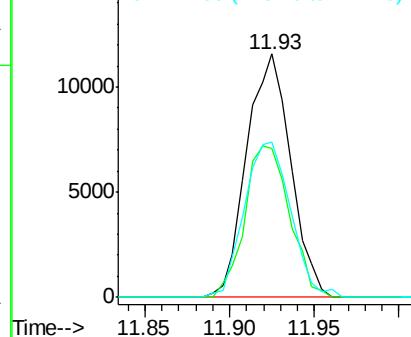


Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#37

2-Methylnaphthalene

Concen: 17.299 ng

RT: 13.22 min Scan# 1690

Delta R.T. 0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

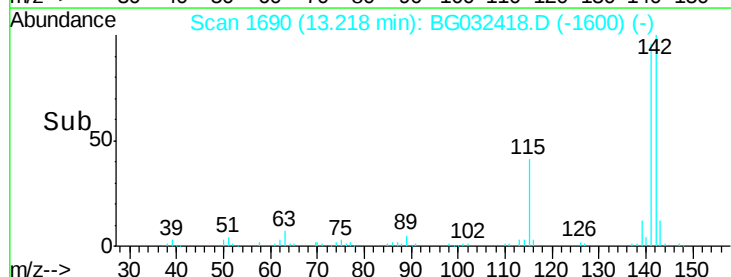
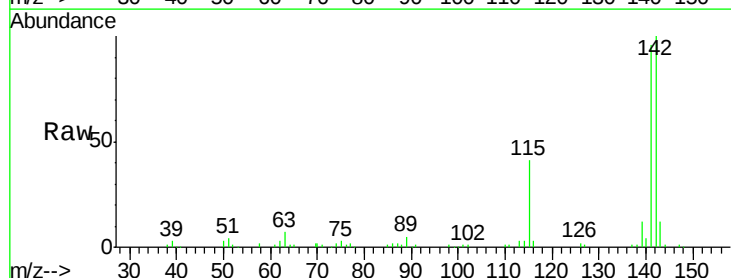
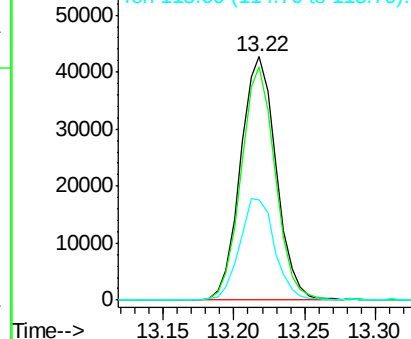
Tgt Ion:	142	Resp:	75145
Ion Ratio		Lower	Upper
142	100		
141	95.9	67.1	100.7
115	40.9	30.7	46.1

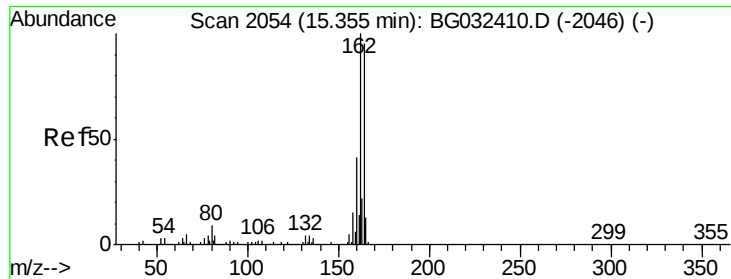
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





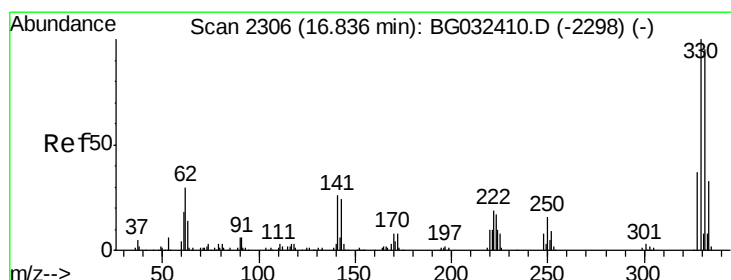
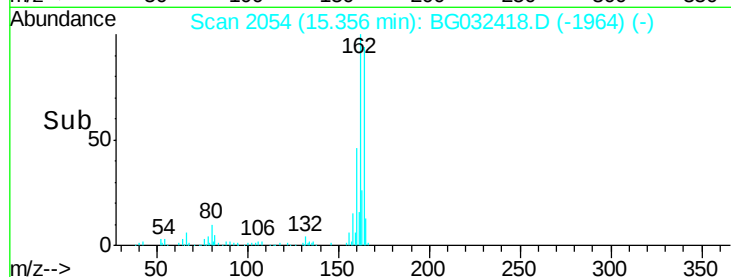
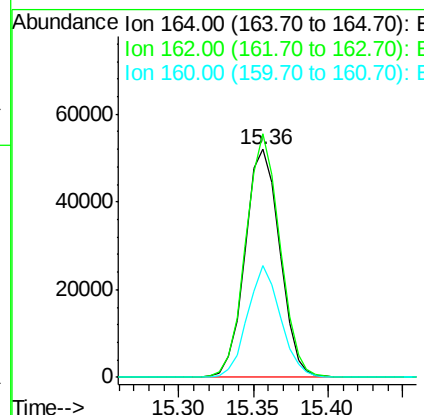
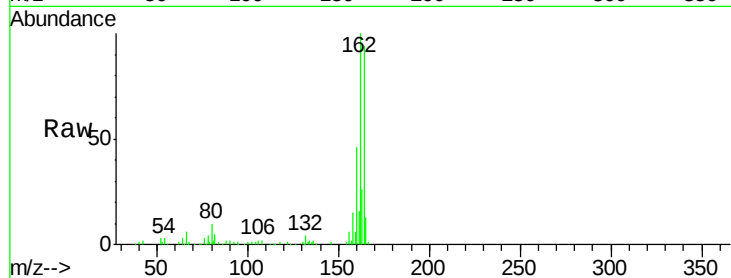
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.36 min Scan# 2054
Delta R.T. 0.00 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

Instrument :
BNA_G
ClientSampleId :
1024DL

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	83677		
162	106.8	78.8	118.2	
160	48.8	35.4	53.0	

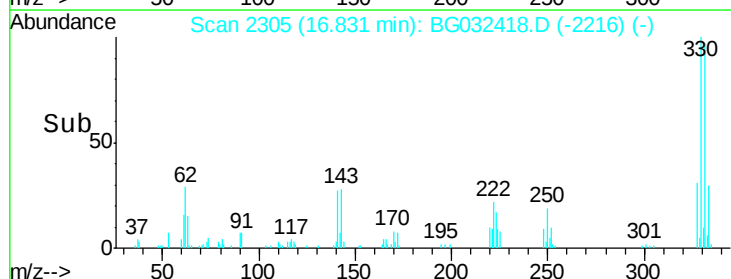
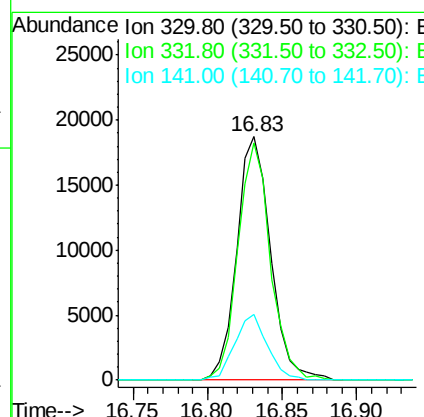
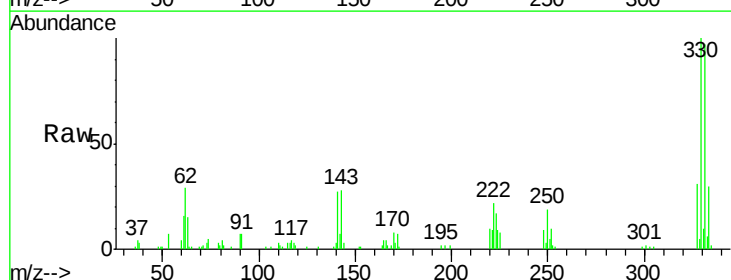
Manual Integrations
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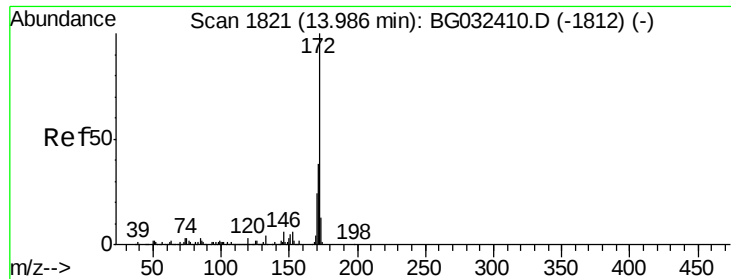
Sohil
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#41
2,4,6-Tribromophenol
Concen: 18.541 ng
RT: 16.83 min Scan# 2305
Delta R.T. -0.00 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	29532		
332	93.4	77.0	115.6	
141	26.1	25.2	37.8	





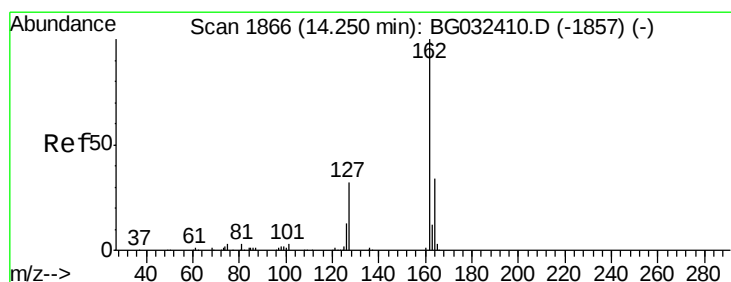
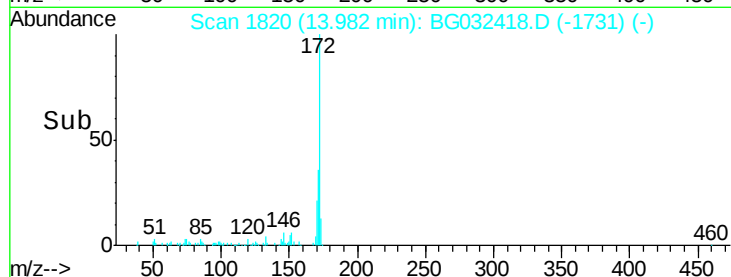
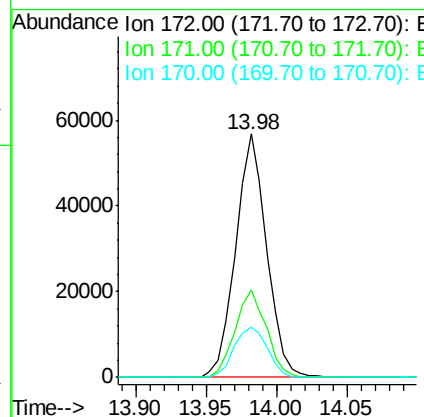
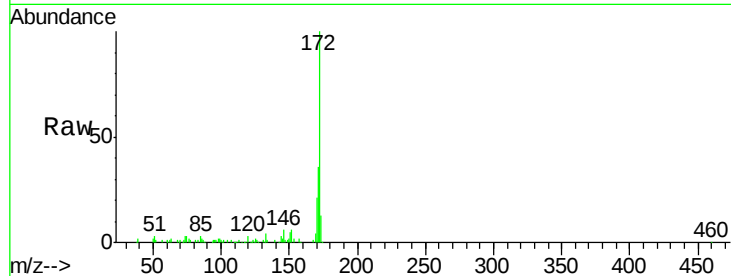
#44
2-Fluorobiphenyl
Concen: 12.309 ng
RT: 13.98 min Scan# 1820
Delta R.T. -0.00 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

Instrument :
BNA_G
ClientSampleId :
1024DL

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.0	45.0
170	20.9	19.5	29.3

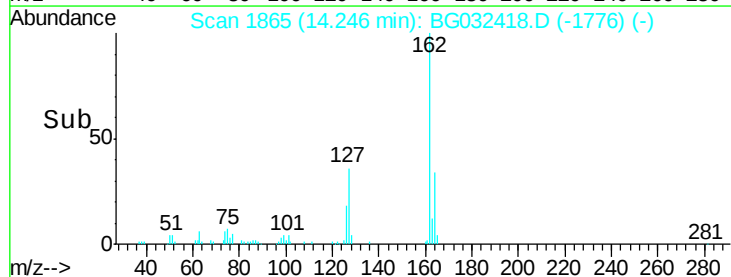
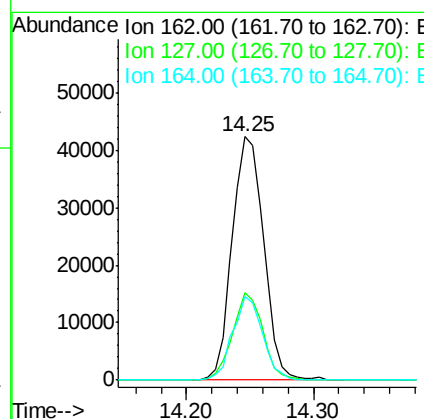
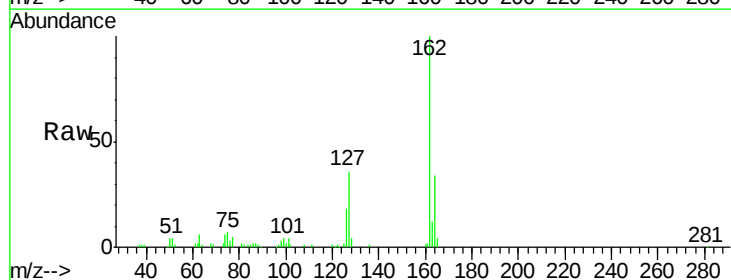
Manual Integrations
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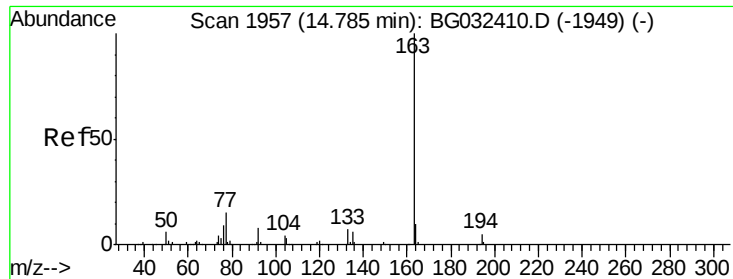
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#46
2-Chloronaphthalene
Concen: 13.141 ng
RT: 14.25 min Scan# 1865
Delta R.T. -0.00 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

Tgt Ion	Ratio	Lower	Upper
162	100		
127	35.8	30.7	46.1
164	34.2	26.0	39.0





#49

Dimethylphthalate

Concen: 6.706 ng

RT: 14.78 min Scan# 1956

Delta R.T. -0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Instrument :

BNA_G

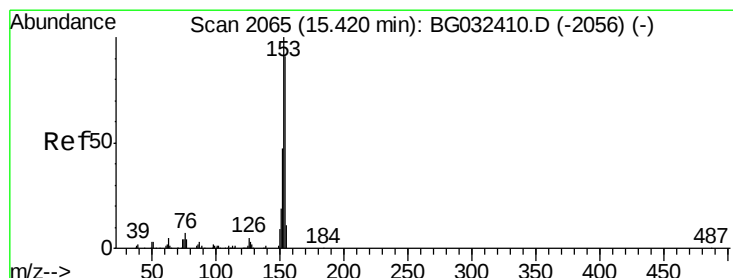
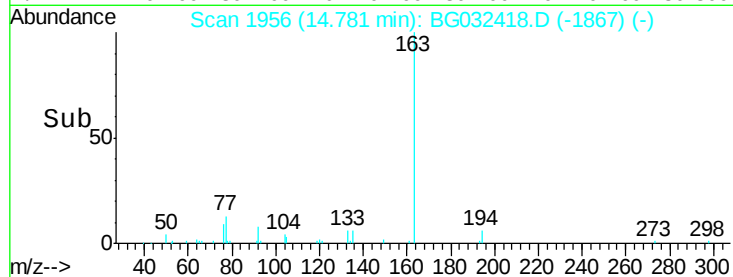
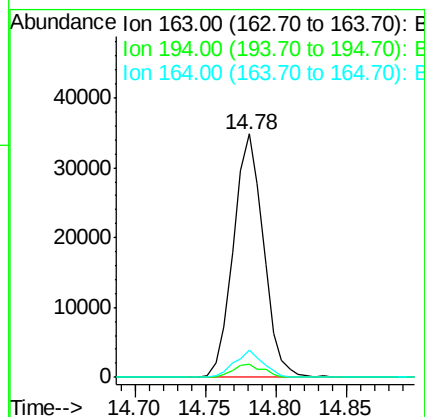
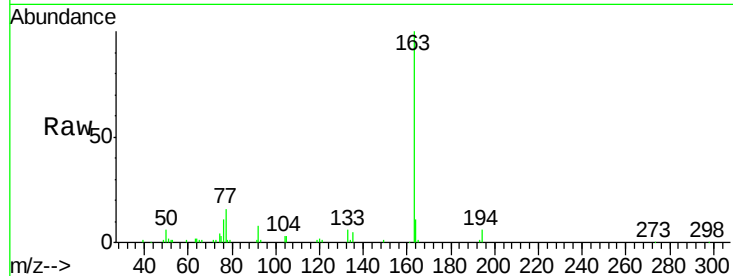
ClientSampleId :

1024DL

Tgt Ion:	163	Resp:	51739
Ion Ratio	Lower	Upper	
163	100		
194	5.5	3.4	5.2#
164	11.0	8.2	12.4

Manual Integrations
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#51

Acenaphthene

Concen: 7.996 ng

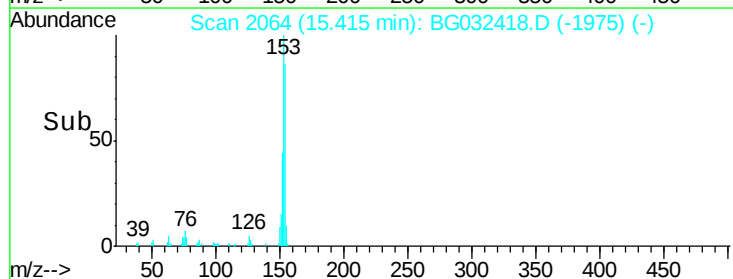
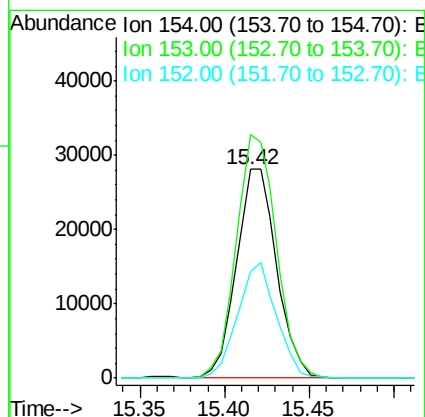
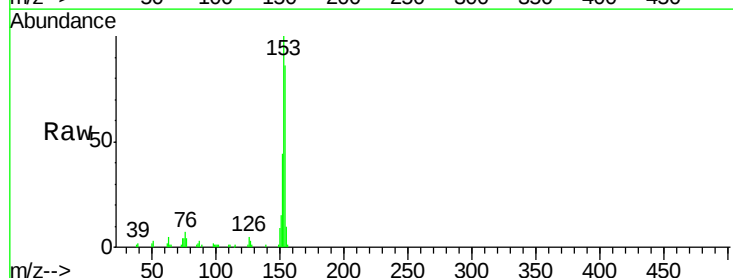
RT: 15.42 min Scan# 2064

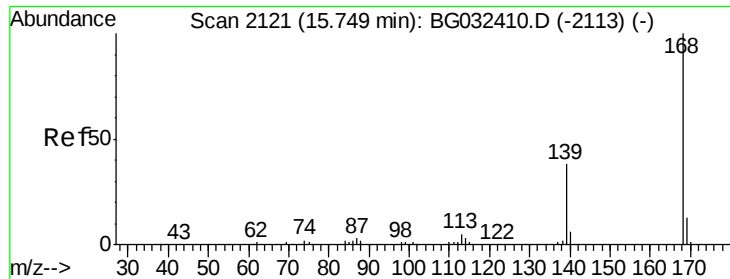
Delta R.T. -0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Tgt Ion:	154	Resp:	46450
Ion Ratio	Lower	Upper	
154	100		
153	116.5	90.4	135.6
152	51.3	41.6	62.4





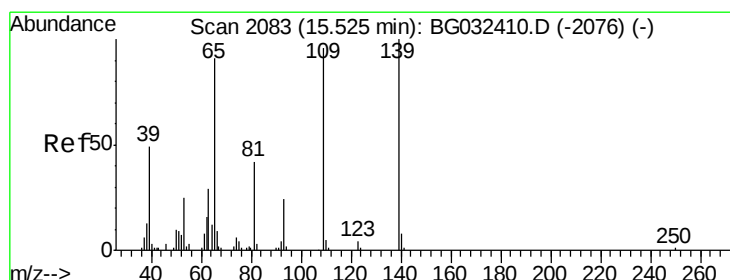
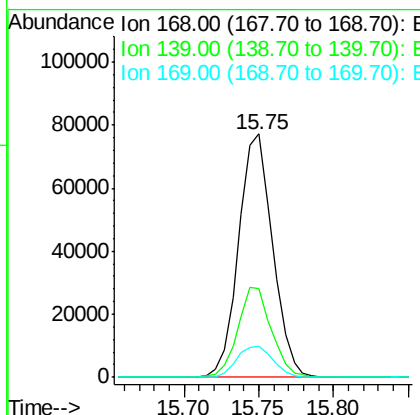
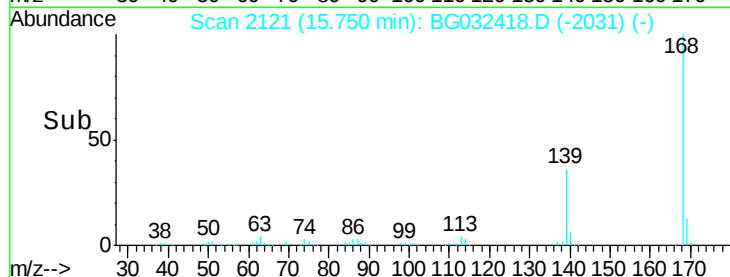
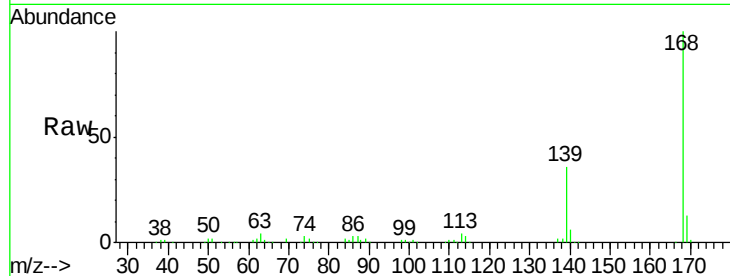
#54
Dibenzenofuran
Concen: 14.197 ng
RT: 15.75 min Scan# 2121
Delta R.T. 0.00 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

Instrument :
BNA_G
ClientSampled :
1024DL

Tgt Ion	Ratio	Resp	Lower	Upper
168	100	122075		
139	36.2	28.6	43.0	
169	12.7	11.2	16.8	

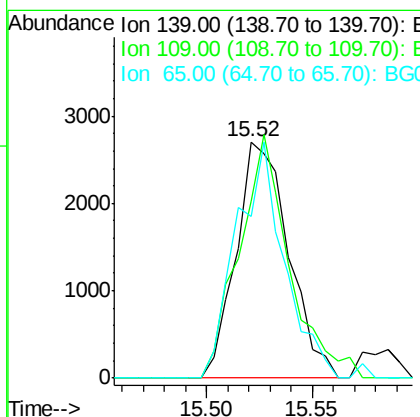
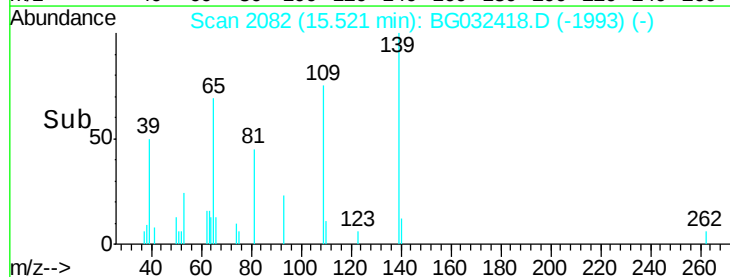
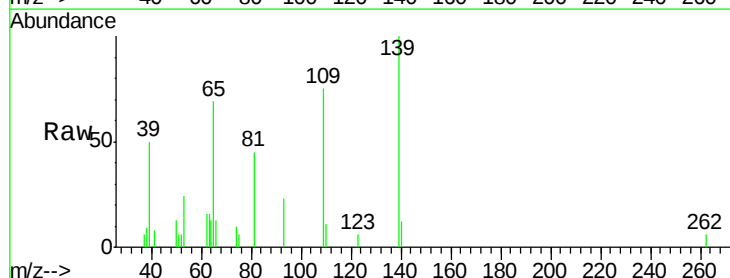
Manual Integrations
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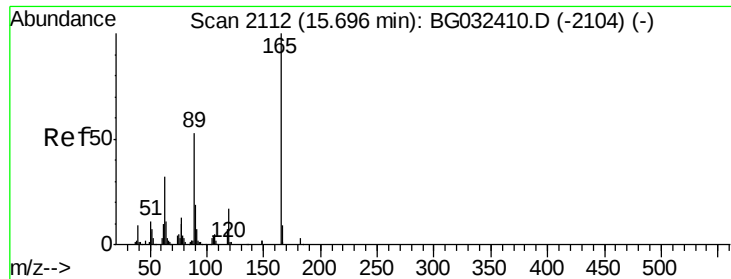
Sohil
1/30/2018 6:22:52 PM



#55
4-Nitrophenol
Concen: 4.403 ng
RT: 15.52 min Scan# 2082
Delta R.T. -0.00 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

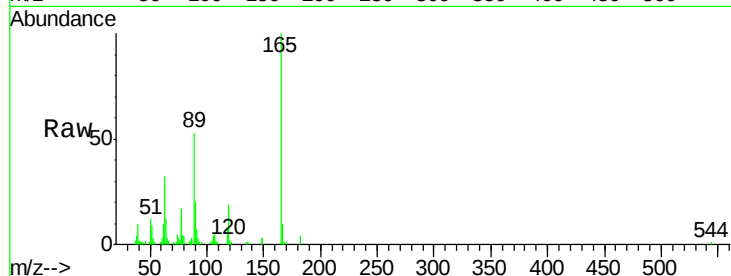
Tgt Ion	Ratio	Resp	Lower	Upper
139	100	4662		
109	74.9	62.2	102.2	
65	68.7	97.2	137.2#	





#56
2,4-Dinitrotoluene
Concen: 20.343 ng
RT: 15.69 min Scan# 2111
Delta R.T. -0.00 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

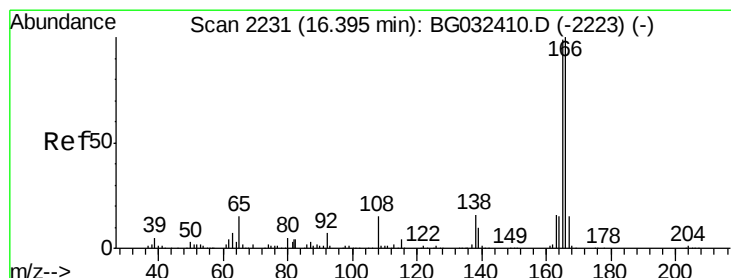
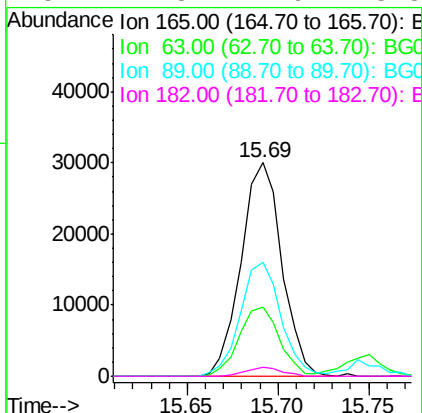
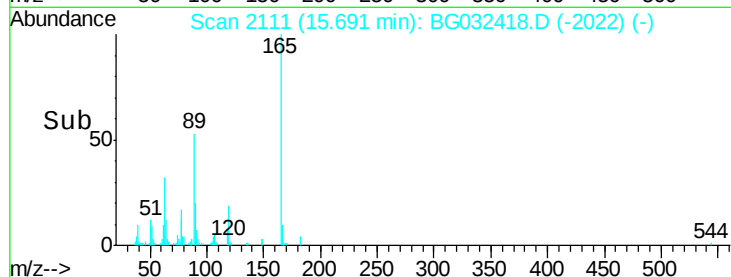
Instrument :
BNA_G
ClientSampleId :
1024DL



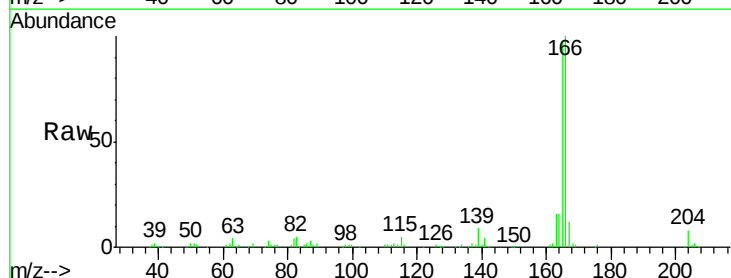
Tgt Ion	Ratio	Lower	Upper
165	100		
63	32.1	42.0	63.0#
89	53.4	66.9	100.3#
182	4.3	2.6	3.8#

Manual Integrations
APPROVED

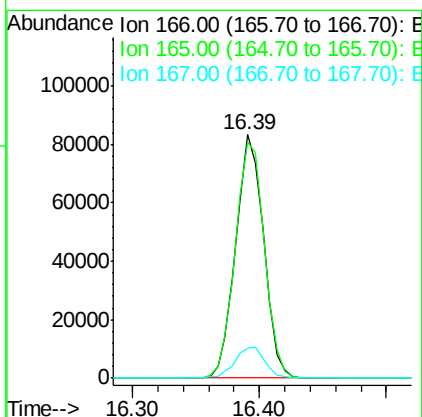
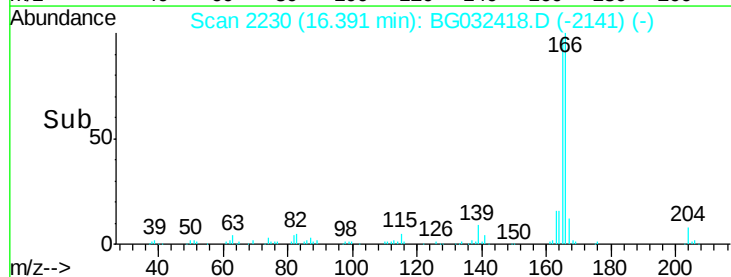
Sohil
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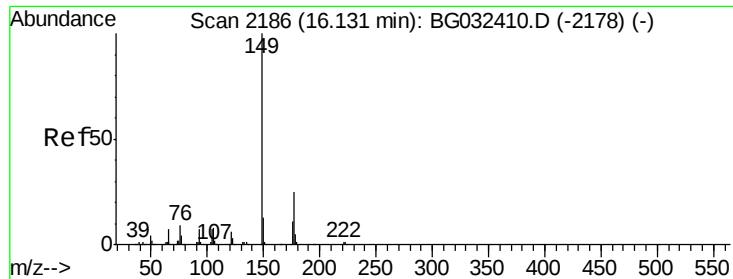


#57
Fluorene
Concen: 17.815 ng
RT: 16.39 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25



Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	80.6	121.0
167	12.1	10.4	15.6





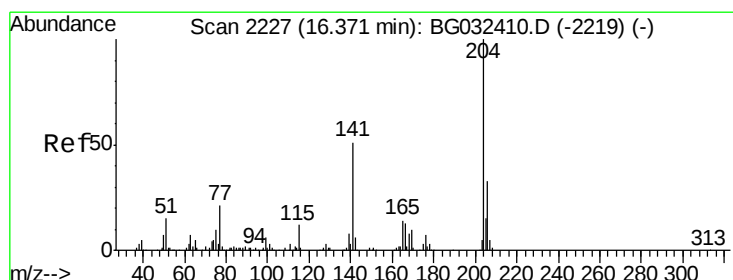
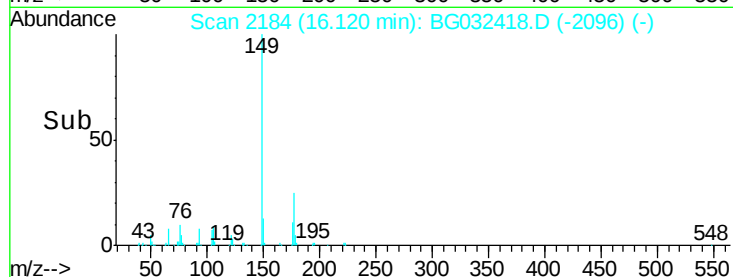
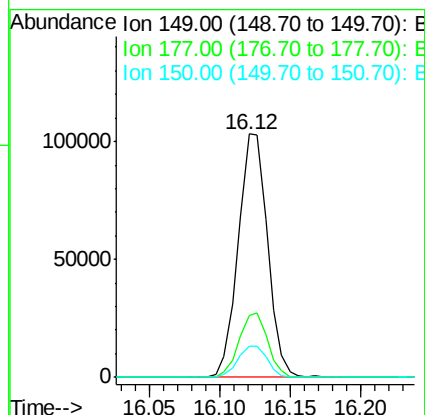
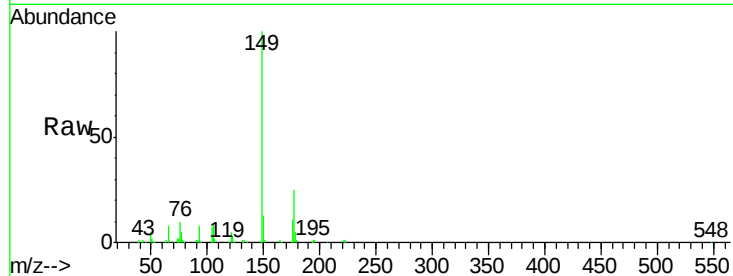
#59
Diethylphthalate
Concen: 19.930 ng
RT: 16.12 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

Instrument :
BNA_G
ClientSampleId :
1024DL

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	149761		
177	25.2	18.5	27.7	
150	12.7	10.2	15.2	

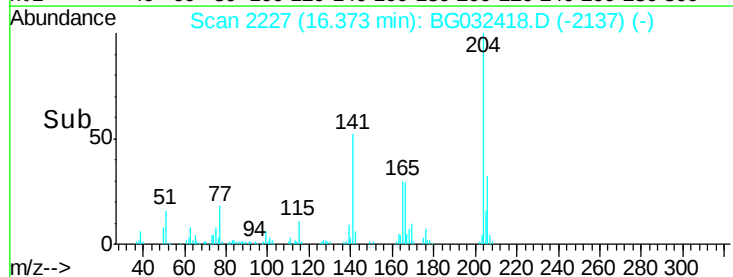
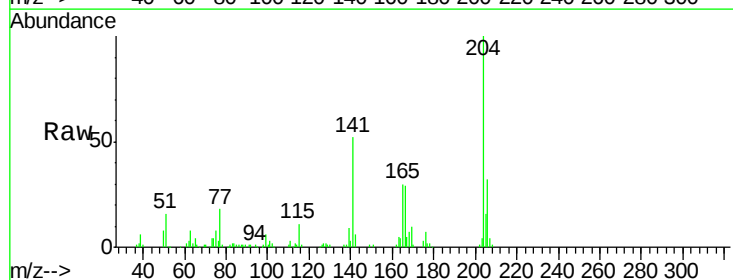
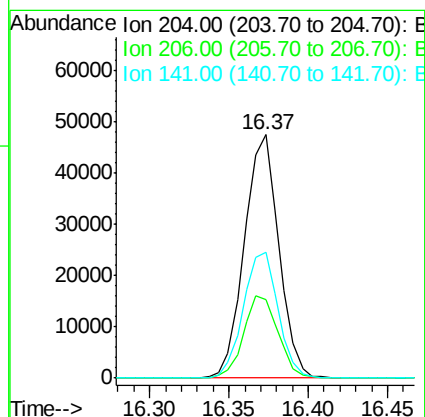
Manual Integrations
APPROVED

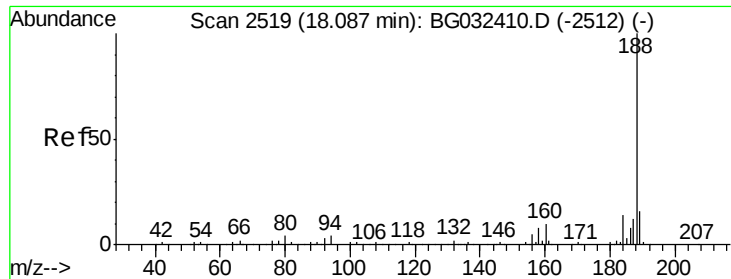
Sohil
1/30/2018 6:22:52 PM



#60
4-Chlorophenyl-phenylether
Concen: 15.849 ng
RT: 16.37 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
204	100	71407		
206	32.1	26.2	39.2	
141	51.6	45.8	68.6	





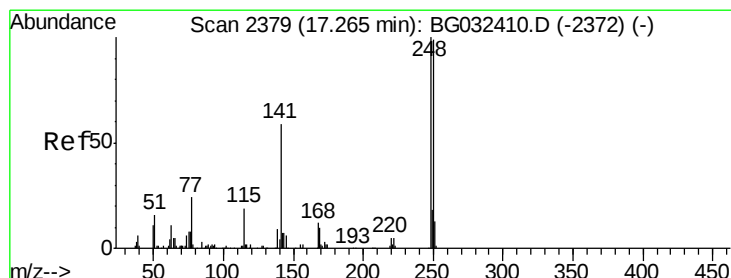
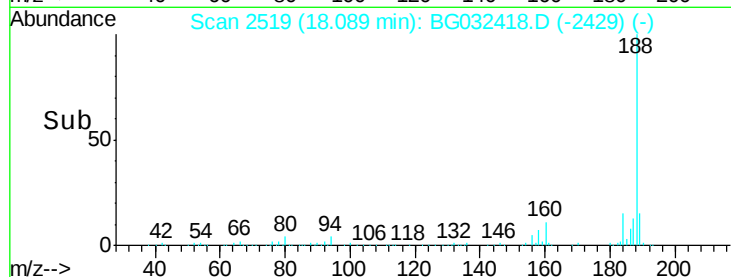
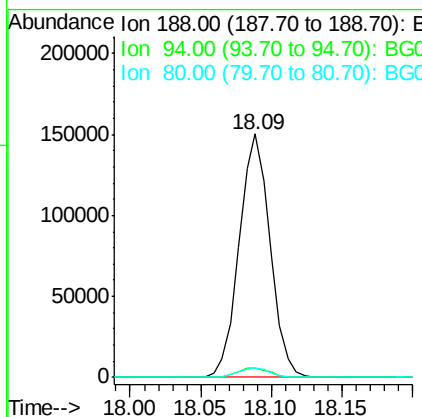
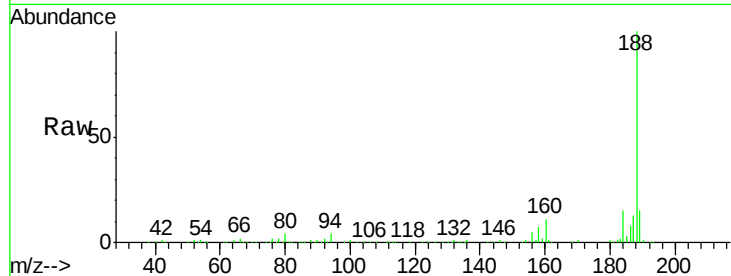
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.09 min Scan# 2519
Delta R.T. 0.00 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

Instrument :
BNA_G
ClientSampleId :
1024DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	3.7	6.9	10.3#
80	3.7	7.7	11.5#

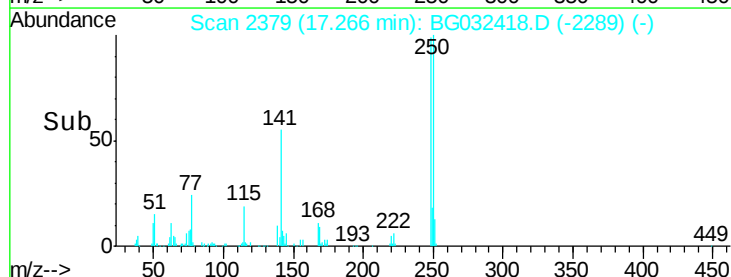
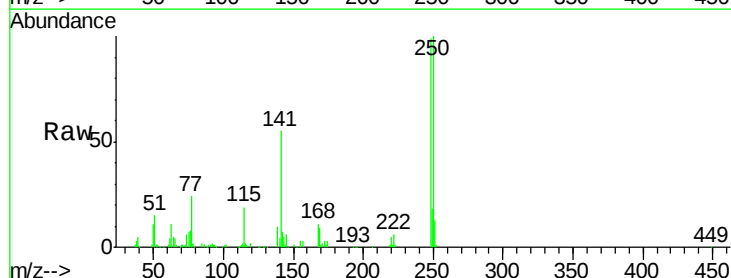
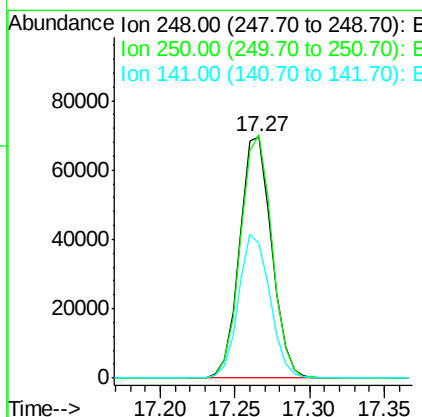
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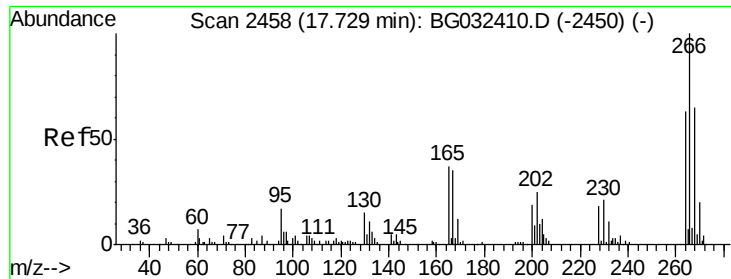
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 30.402 ng
RT: 17.27 min Scan# 2379
Delta R.T. 0.00 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	100.9	77.1	115.7
141	55.9	50.8	76.2





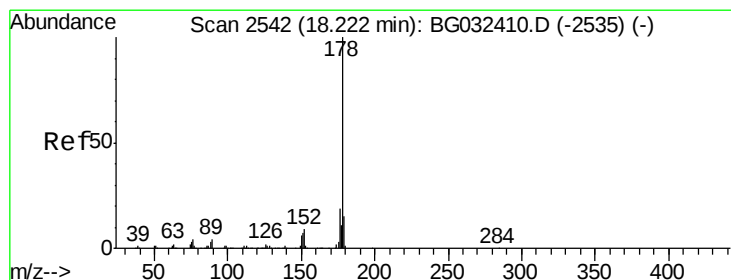
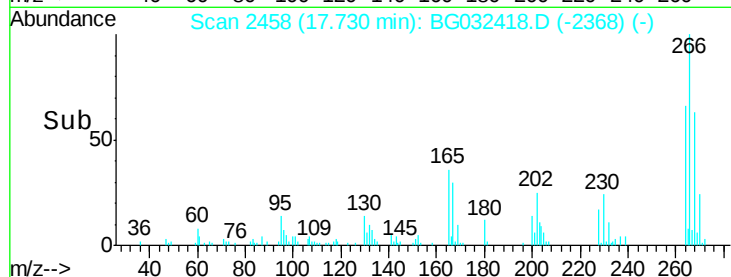
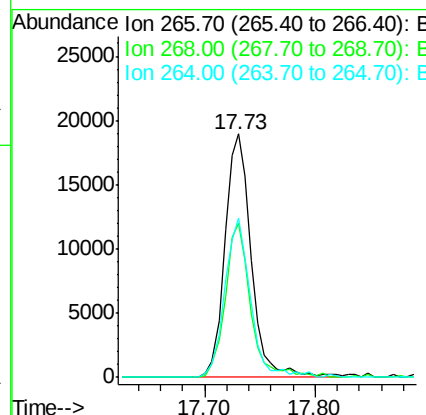
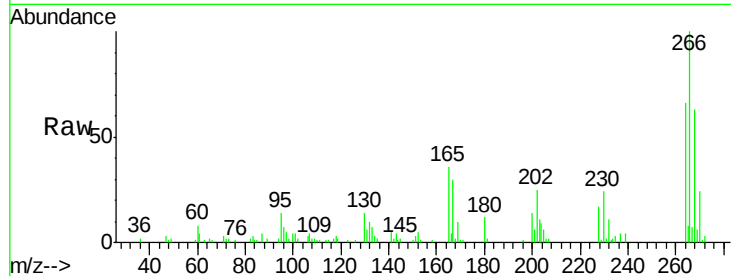
#69
 Pentachlorophenol
 Concen: 13.409 ng
 RT: 17.73 min Scan# 2458
 Delta R.T. 0.00 min
 Lab File: BG032418.D
 Acq: 29 Jan 2018 17:25

Instrument :
 BNA_G
 ClientSampled :
 1024DL

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.1	51.1	76.7
264	65.5	49.6	74.4

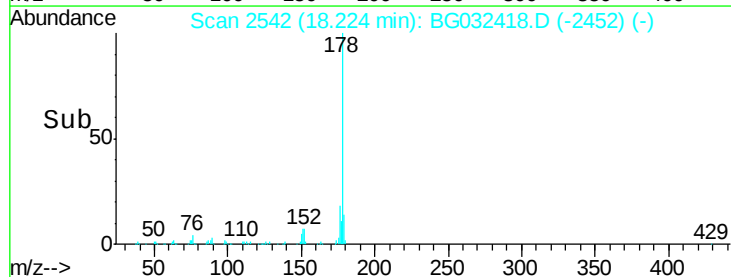
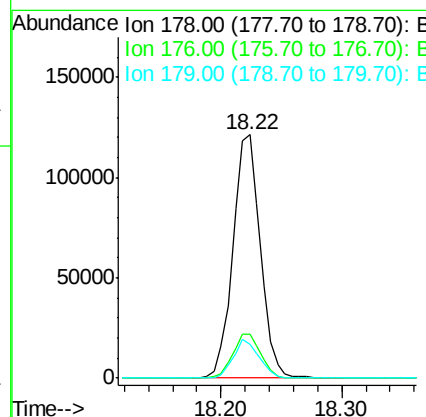
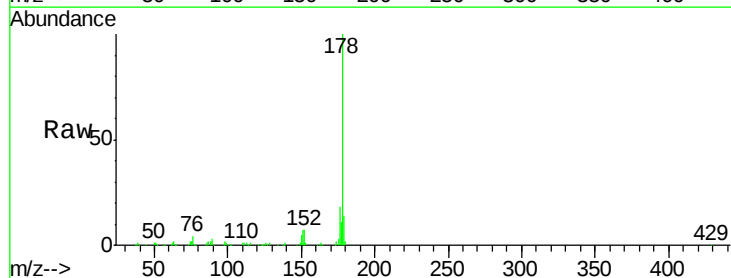
Manual Integrations
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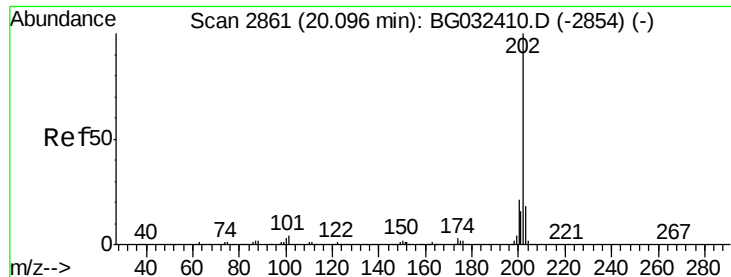
Sohil
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#71
 Anthracene
 Concen: 15.022 ng
 RT: 18.22 min Scan# 2542
 Delta R.T. 0.00 min
 Lab File: BG032418.D
 Acq: 29 Jan 2018 17:25

Tgt Ion	Ratio	Lower	Upper
178	100		
176	17.9	16.0	24.0
179	13.7	12.5	18.7





#74

Fluoranthene

Concen: 17.560 ng

RT: 20.09 min Scan# 2860

Delta R.T. -0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Instrument :

BNA_G

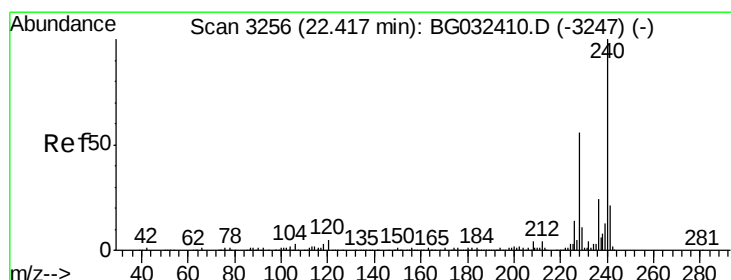
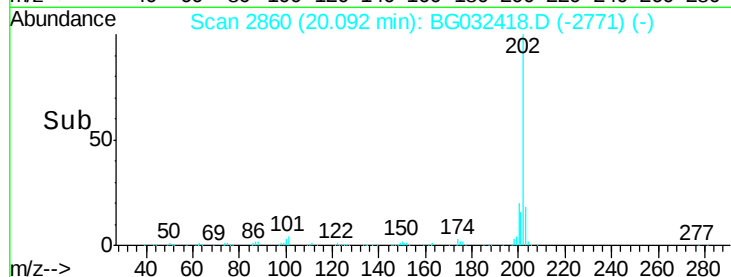
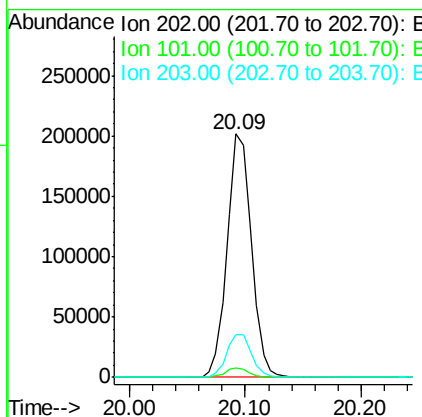
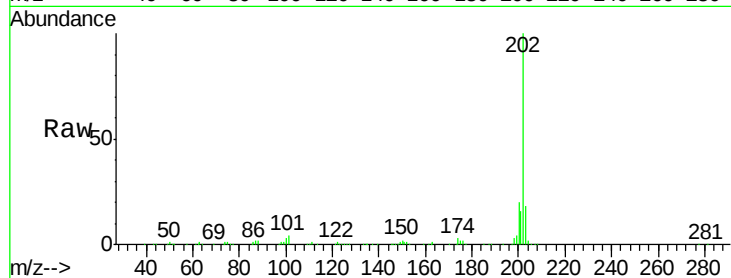
ClientSampled :

1024DL

Tgt Ion:	202	Resp:	294423
Ion Ratio	Lower	Upper	
202	100		
101	4.1	0.0	28.9
203	17.6	0.0	37.5

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

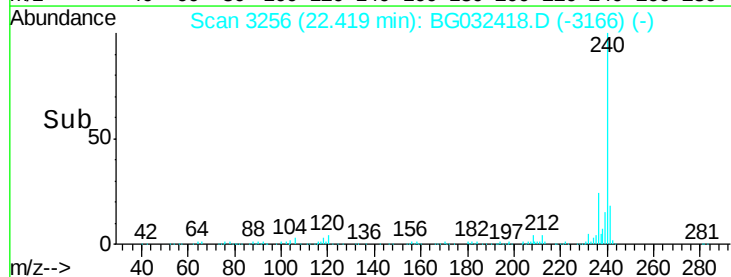
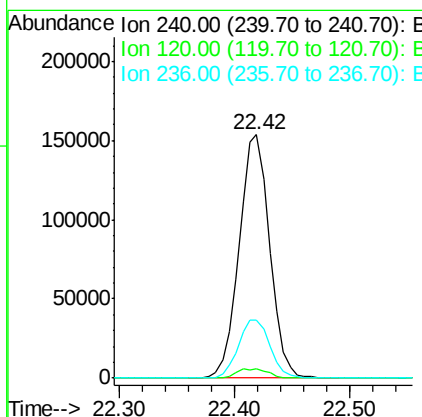
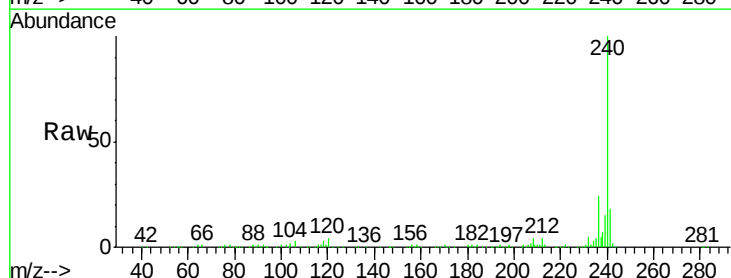
RT: 22.42 min Scan# 3256

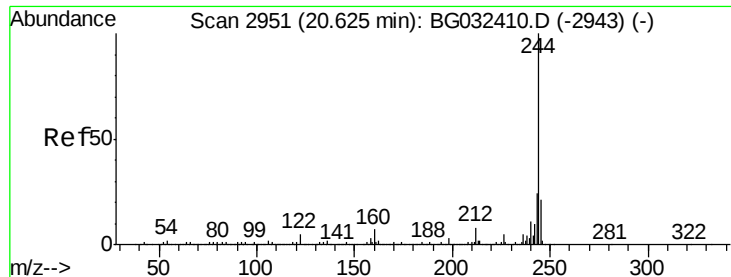
Delta R.T. 0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Tgt Ion:	240	Resp:	280806
Ion Ratio	Lower	Upper	
240	100		
120	4.1	6.8	10.2#
236	23.7	20.9	31.3





#78

Terphenyl-d14

Concen: 15.386 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Instrument :

BNA_G

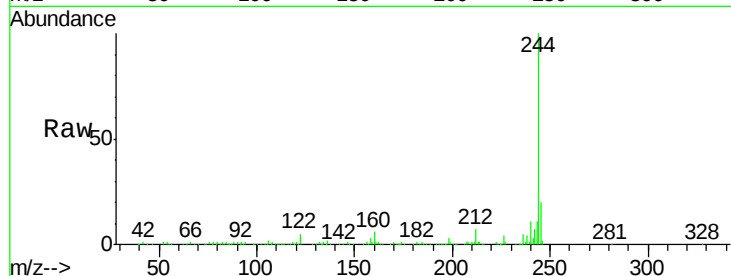
ClientSampleId :

1024DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.5	5.8	8.8
122	4.5	7.0	10.4

Manual Integrations
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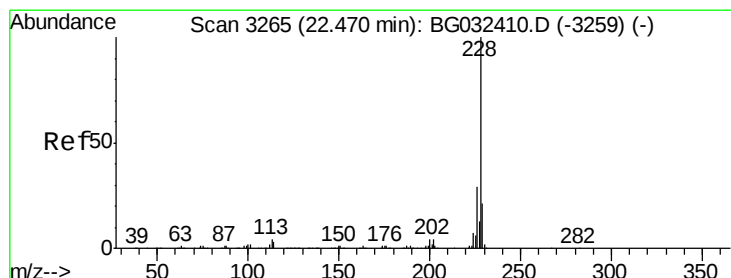
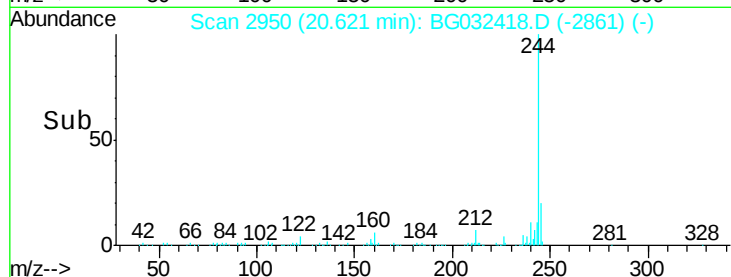
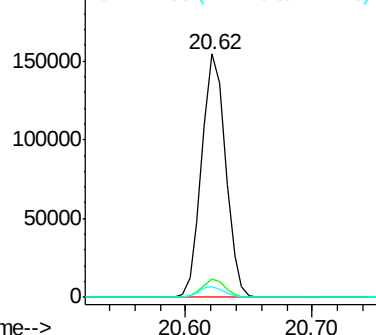


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#82

Chrysene

Concen: 10.252 ng

RT: 22.47 min Scan# 3264

Delta R.T. -0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

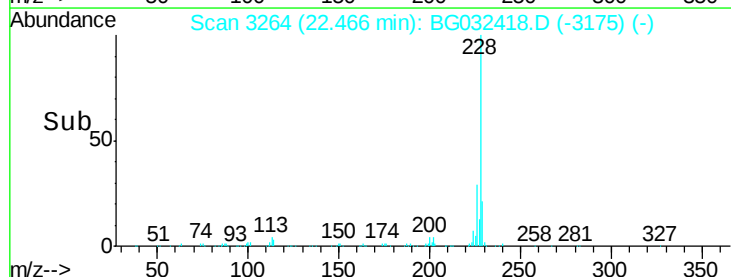
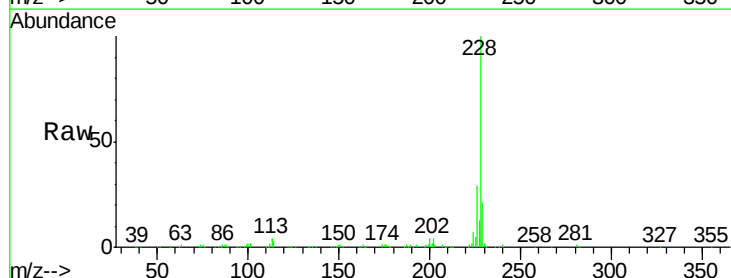
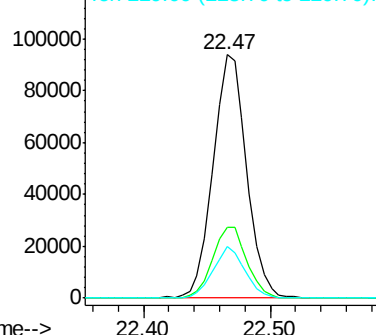
Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	29.0	24.9	37.3
229	21.1	15.0	22.4

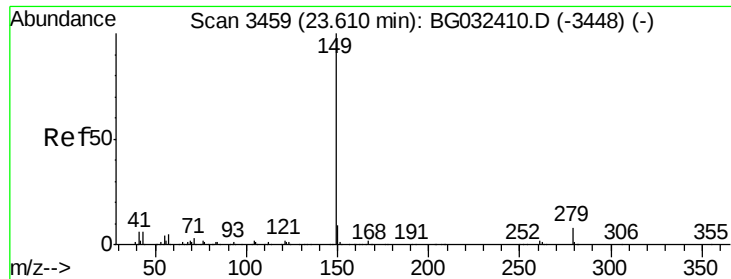
Abundance

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





#84

Di-n-octyl phthalate

Concen: 26.488 ng

RT: 23.61 min Scan# 3458

Delta R.T. -0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Instrument :

BNA_G

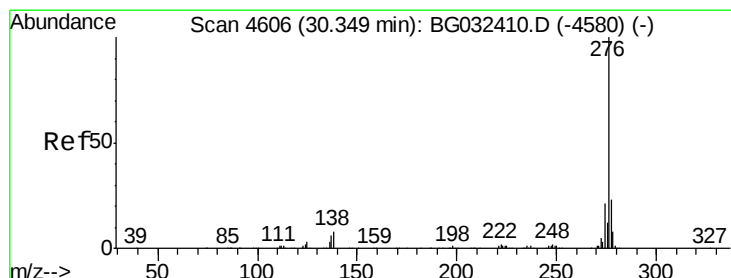
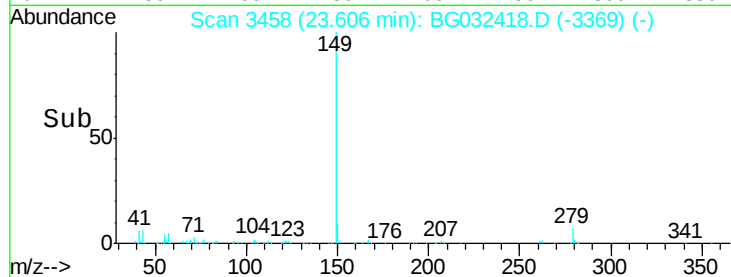
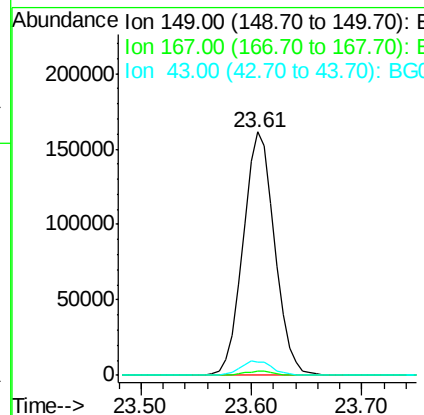
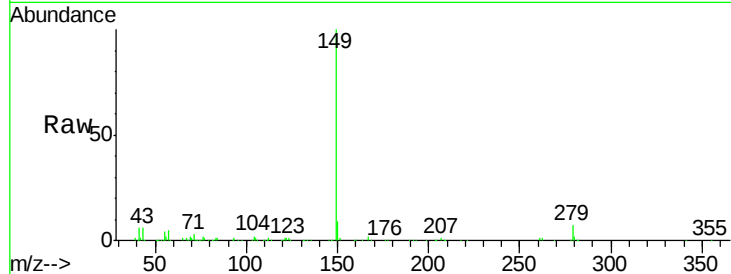
ClientSampleId :

1024DL

Tgt	Ion	149	Resp	323623
	Ratio	100	Lower	Upper
	149	100		
	167	1.8	1.4	2.0
	43	6.1	8.9	13.3#

Manual Integrations
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#85

Indeno(1,2,3-cd)pyrene

Concen: 16.234 ng

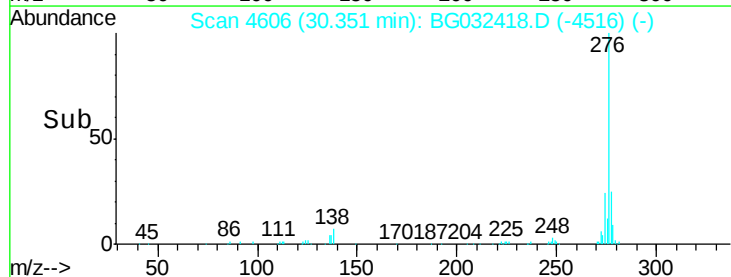
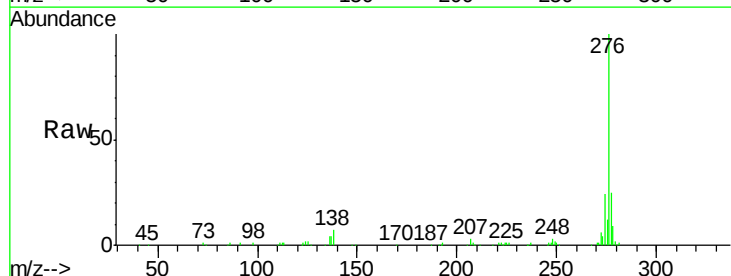
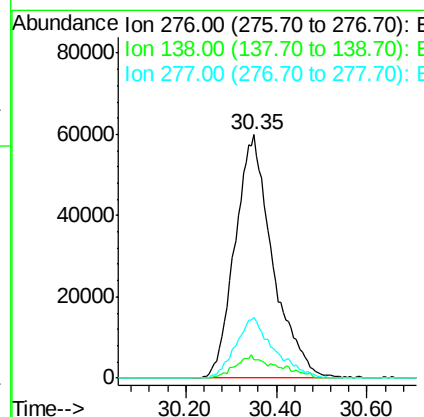
RT: 30.35 min Scan# 4606

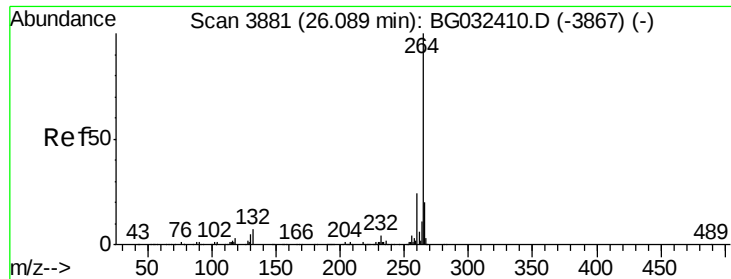
Delta R.T. 0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Tgt	Ion	276	Resp	345270
	Ratio	100	Lower	Upper
	276	100		
	138	8.5	16.0	24.0#
	277	25.3	20.0	30.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 26.10 min Scan# 3882

Delta R.T. 0.01 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Instrument :

BNA_G

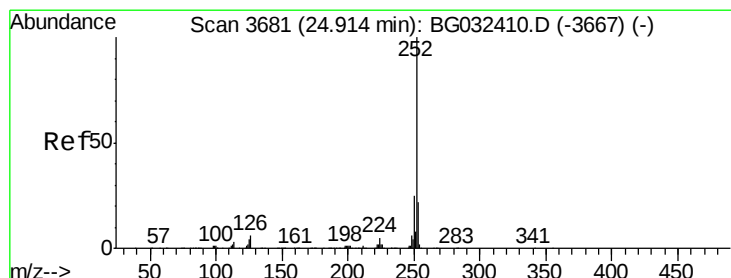
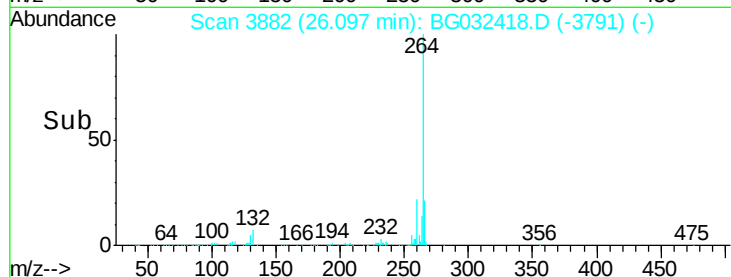
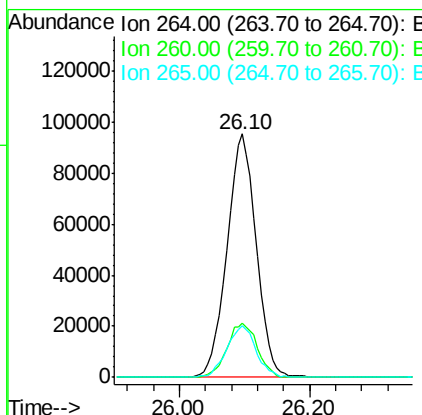
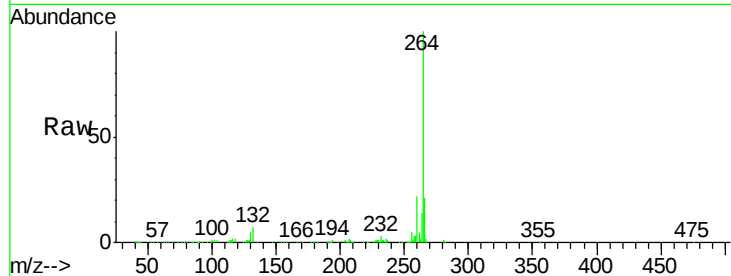
ClientSampleId :

1024DL

Tgt Ion:	264	Resp:	295617
Ion Ratio	Lower	Upper	
264	100		
260	22.0	17.4	26.0
265	21.0	17.7	26.5

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#87

Benzo(b)fluoranthene

Concen: 15.170 ng

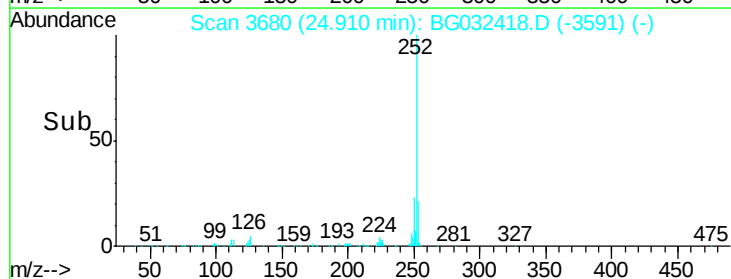
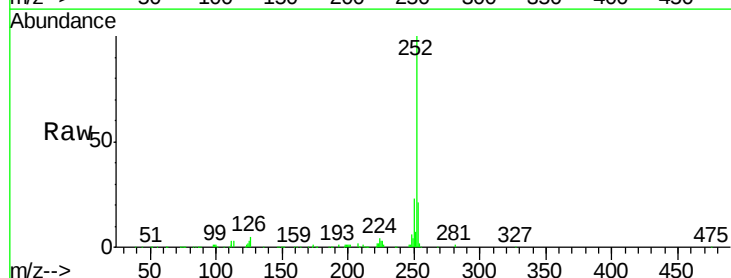
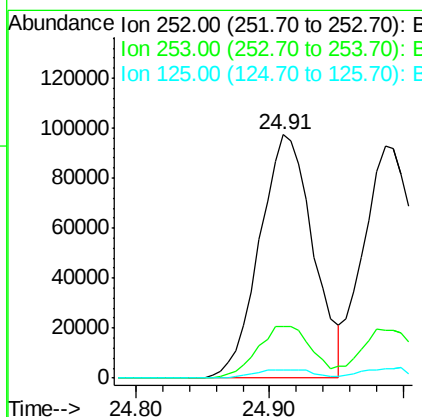
RT: 24.91 min Scan# 3680

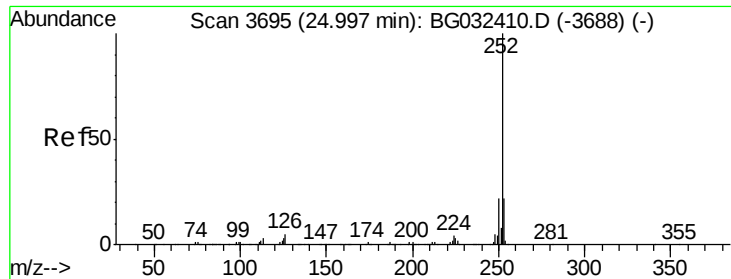
Delta R.T. -0.00 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Tgt Ion:	252	Resp:	270968
Ion Ratio	Lower	Upper	
252	100		
253	21.2	18.2	27.4
125	3.5	7.2	10.8#





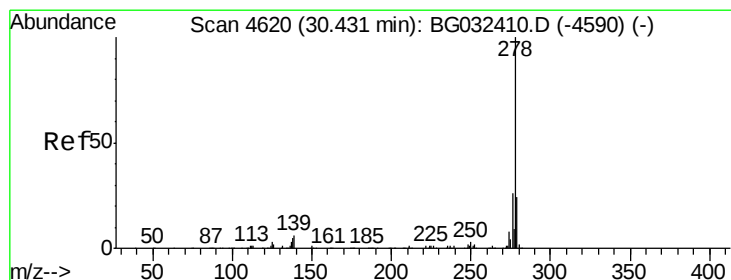
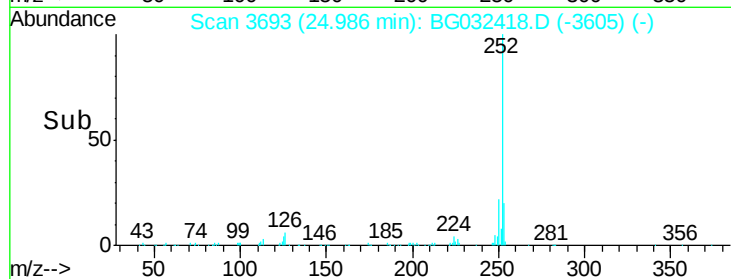
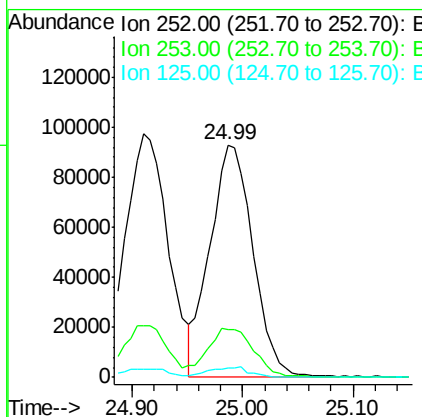
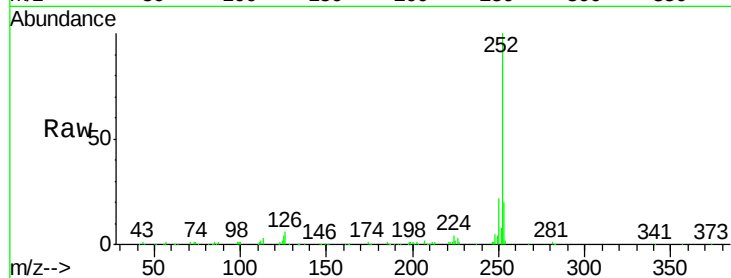
#88
Benzo(k)fluoranthene
Concen: 14.173 ng
RT: 24.99 min Scan# 3693
Delta R.T. -0.01 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

Instrument :
BNA_G
ClientSampleId :
1024DL

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	250780		
253	20.4		17.4	26.2
125	4.1		6.6	9.8#

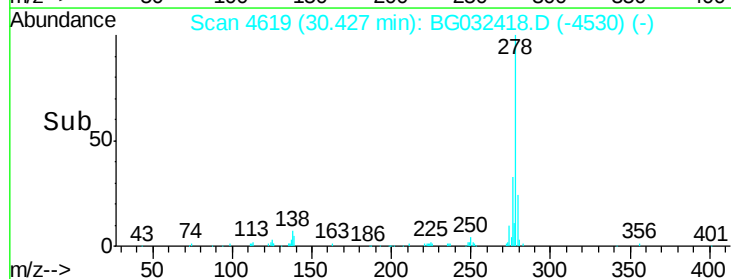
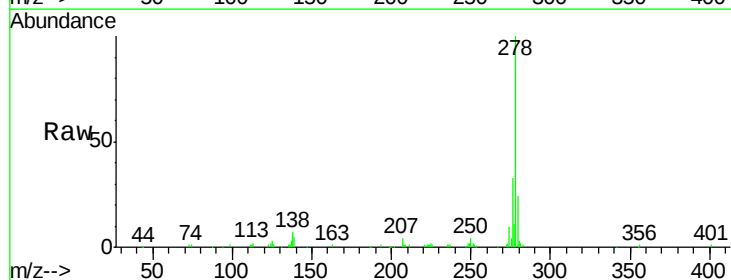
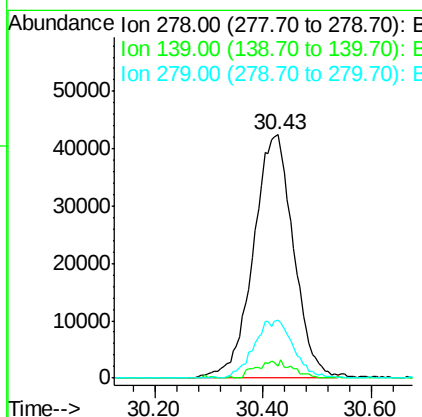
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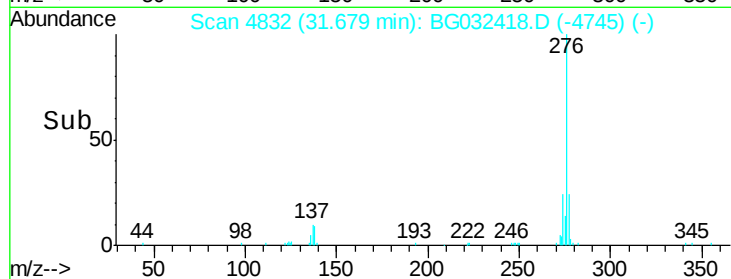
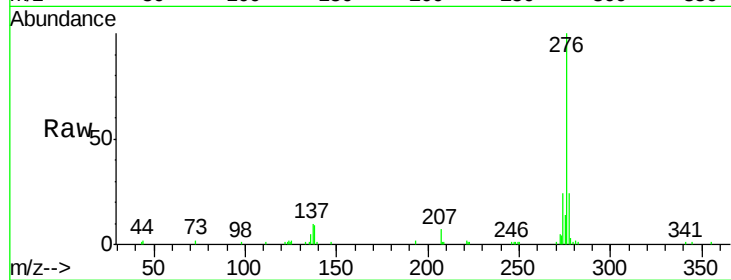
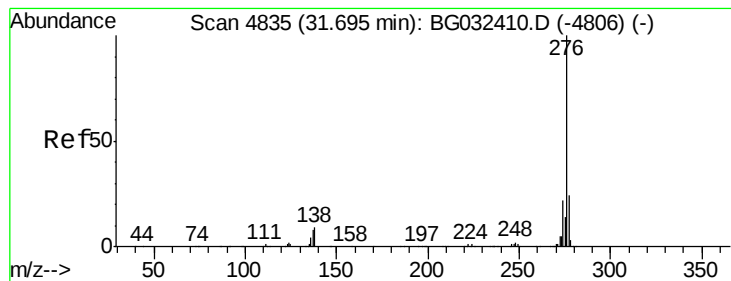
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#90
Dibenzo(a,h)anthracene
Concen: 12.523 ng
RT: 30.43 min Scan# 4619
Delta R.T. -0.00 min
Lab File: BG032418.D
Acq: 29 Jan 2018 17:25

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	218151		
139	4.9		9.8	14.6#
279	23.7		18.4	27.6





#91

Benzo(g,h,i)perylene

Concen: 7.836 ng

RT: 31.68 min Scan# 4832

Delta R.T. -0.02 min

Lab File: BG032418.D

Acq: 29 Jan 2018 17:25

Instrument :

BNA_G

ClientSampleId :

1024DL

Tgt	Ion	Ratio	Resp	Lower	Upper
276	100		135489		
277	23.6	18.3	27.5		
138	9.0	13.9	20.9		

Manual Integrations
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