

Data Path : U:\HPCHEM1\BNA G\DATA\BG013118\
 Data File : BG032465.D
 Acq On : 31 Jan 2018 14:51
 Operator : SJ/JU
 Sample : J1364-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 01 01:36:53 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

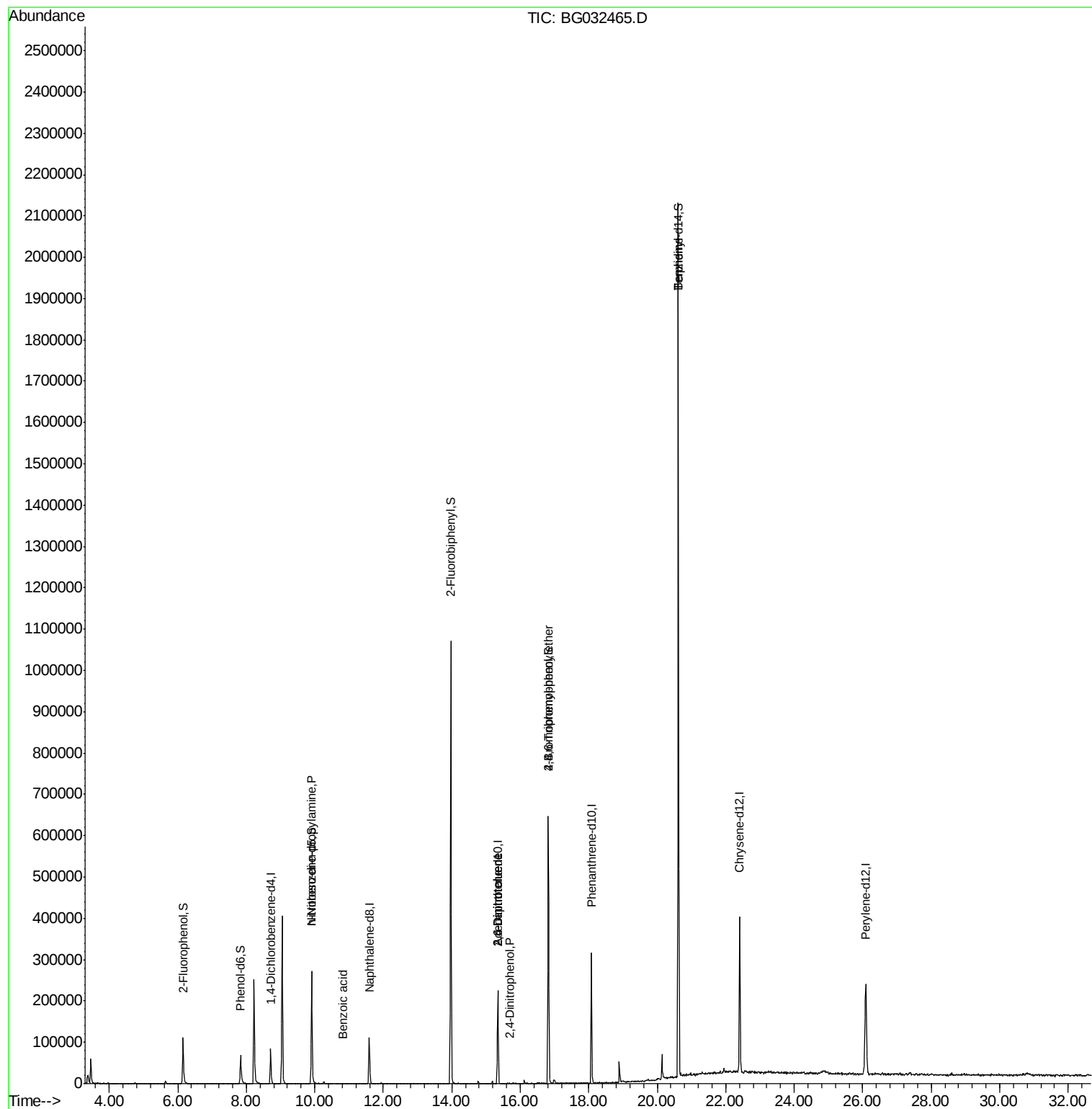
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	29690	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	116535	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	85459	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	219242	20.00	ng	0.00
75) Chrysene-d12	22.41	240	276279	20.00	ng	0.00
86) Perylene-d12	26.09	264	299617	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	66278	44.84	ng	0.00
7) Phenol-d6	7.83	99	50056	25.38	ng	0.00
23) Nitrobenzene-d5	9.91	82	173802	93.15	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	159390	97.98	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	655108	91.11	ng	0.00
78) Terphenyl-d14	20.62	244	1139544	88.35	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.91	70	25394	19.417	ng	# 76
32) Benzoic acid	10.82	122	59	7.326	ng	# 19
50) 2,6-Dinitrotoluene	15.35	165	11221	6.785	ng	# 20
53) 2,4-Dinitrophenol	15.70	184	76	4.174	ng	# 1
56) 2,4-Dinitrotoluene	15.35	165	11221	4.765	ng	# 18
66) 4-Bromophenyl-phenylether	16.82	248	12857	3.958	ng	# 1
76) Benzidine	20.62	184	17226	3.175	ng	# 91

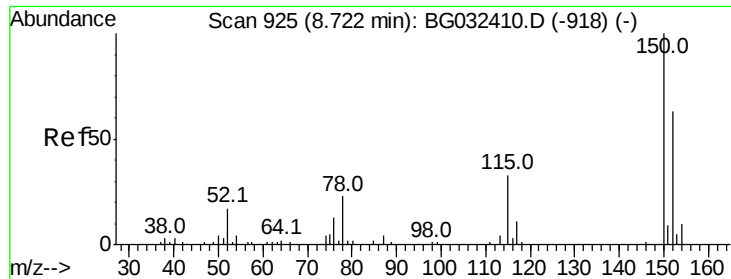
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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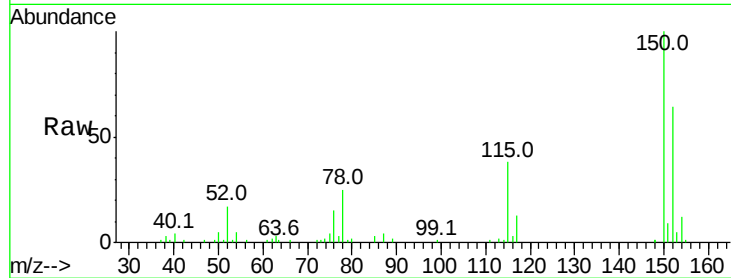


#1

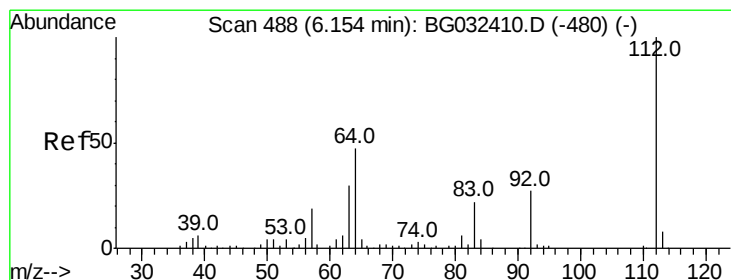
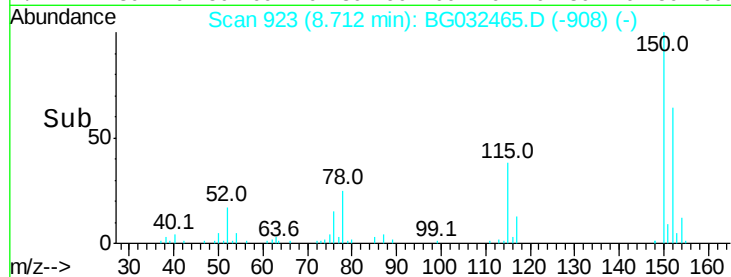
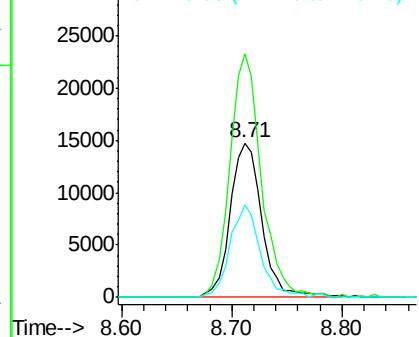
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 29690
Ion Ratio Lower Upper
152 100
150 157.5 126.6 189.8
115 59.7 53.0 79.4



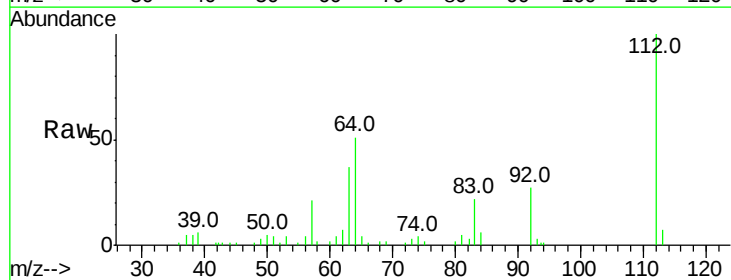
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



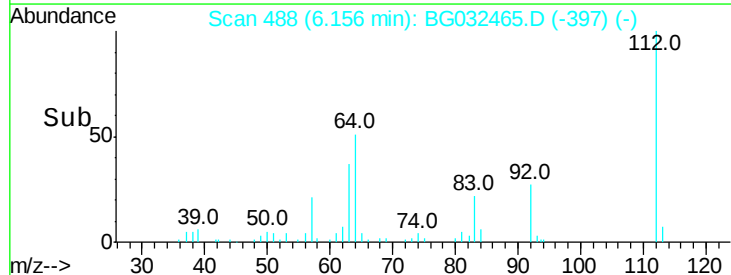
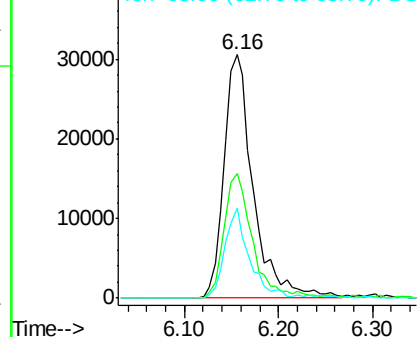
#5

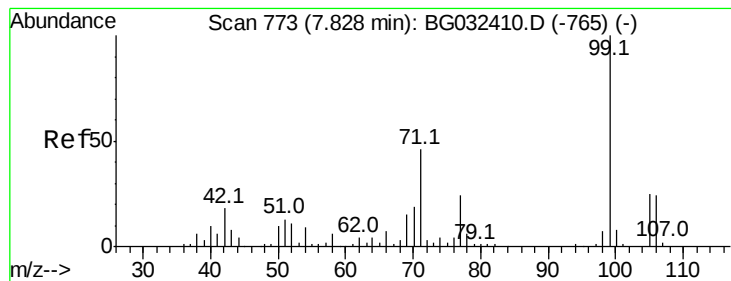
2-Fluorophenol
Concen: 44.838 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Tgt Ion:112 Resp: 66278
Ion Ratio Lower Upper
112 100
64 51.1 56.3 84.5#
63 37.0 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: 25.377 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032465.D

Acq: 31 Jan 2018 14:51

Instrument :

BNA_G

ClientSampled :

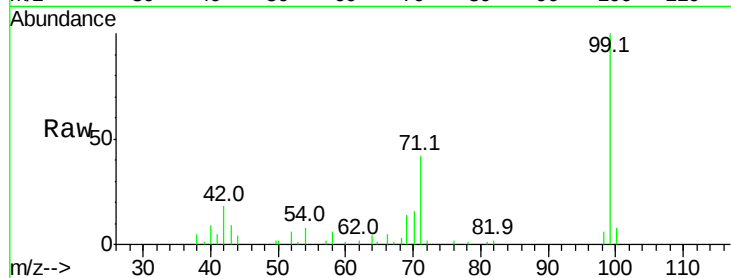
Tot Ion: 99 Resp: 50056

Ion Ratio Lower Upper

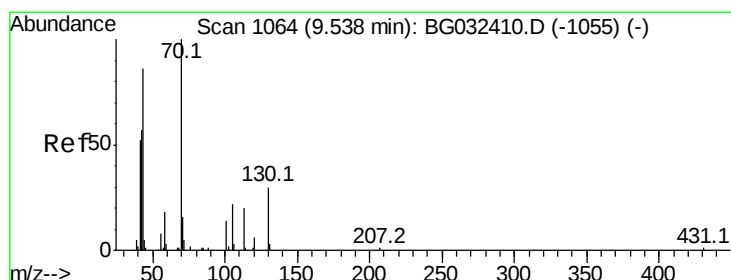
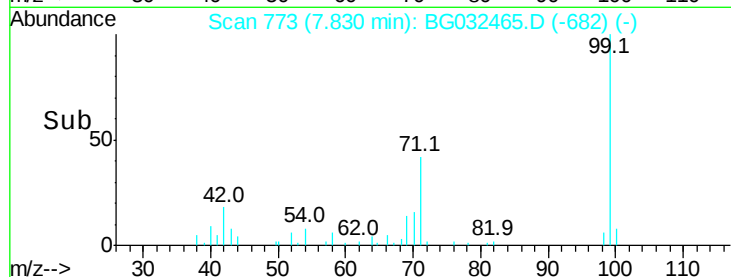
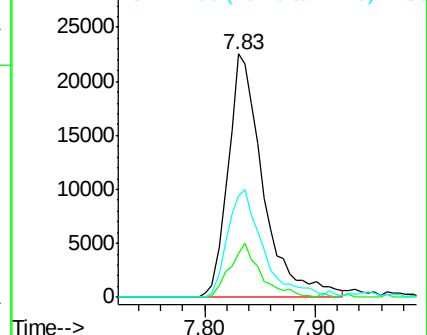
99 100

42 18.3 14.1 21.1

71 41.8 26.1 39.1#



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



#19

n-Nitroso-di-n-propylamine

Concen: 19.417 ng

RT: 9.91 min Scan# 1127

Delta R.T. 0.37 min

Lab File: BG032465.D

Acq: 31 Jan 2018 14:51

Tgt Ion: 70 Resp: 25394

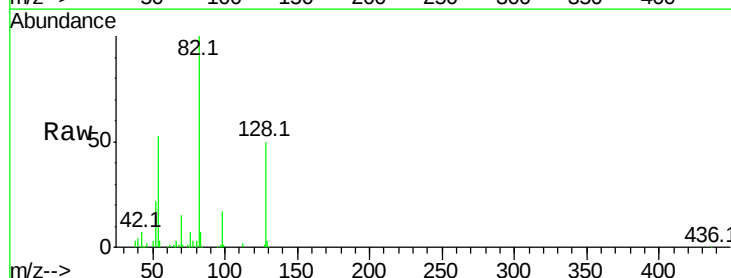
Ion Ratio Lower Upper

70 100

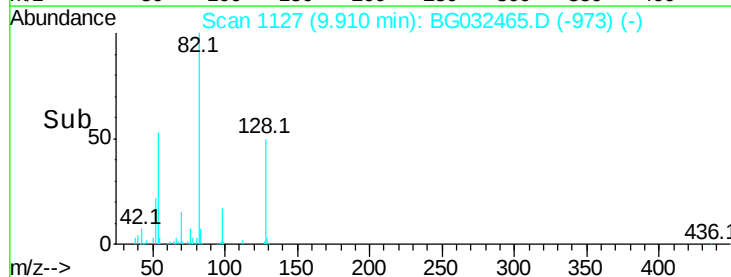
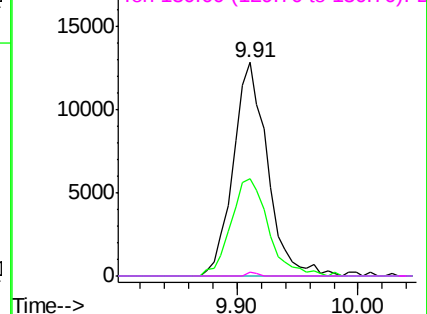
42 45.7 49.1 73.7#

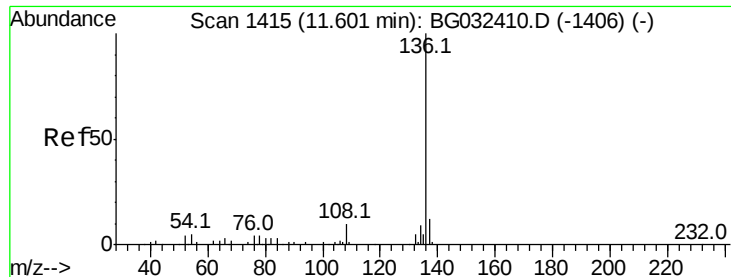
101 0.0 8.5 12.7#

130 2.0 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

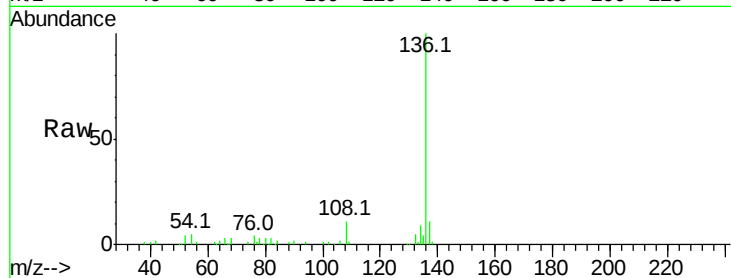




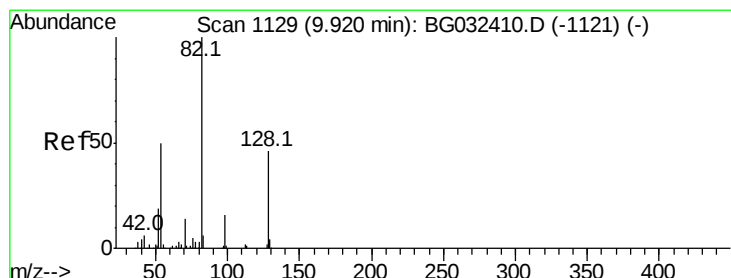
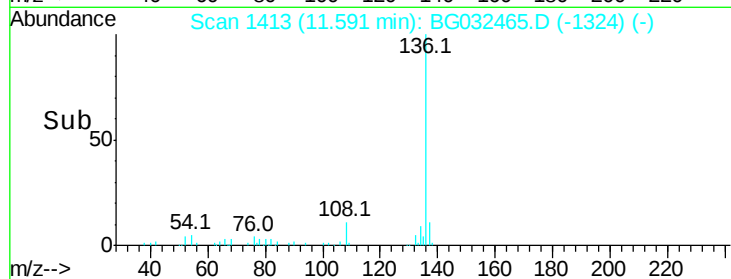
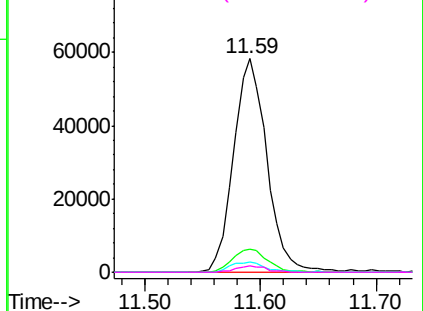
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	136	Resp:	116535
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.2	13.8
54	4.9	10.3	15.5#
68	3.1	4.5	6.7#

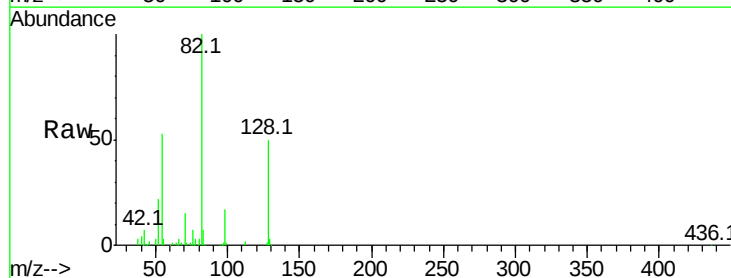


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BG
Ion 68.00 (67.70 to 68.70): BG

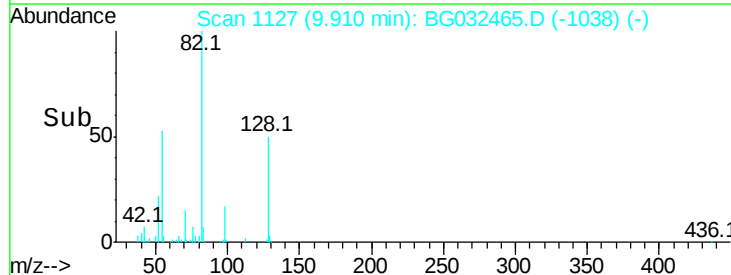
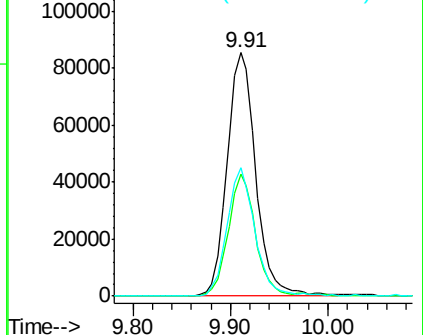


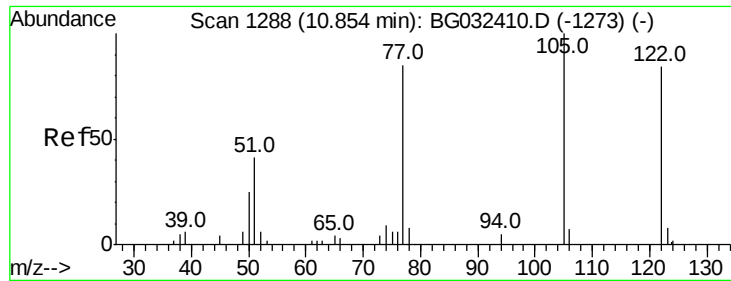
#23
Nitrobenzene-d5
Concen: 93.154 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Tgt Ion:	82	Resp:	173802
Ion	Ratio	Lower	Upper
82	100		
128	50.2	29.7	44.5#
54	53.0	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BG
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BG





#32

Benzoic acid

Concen: 7.326 ng

RT: 10.82 min Scan# 1281

Delta R.T. -0.04 min

Lab File: BG032465.D

Acq: 31 Jan 2018 14:51

Instrument :

BNA_G

ClientSampleId :

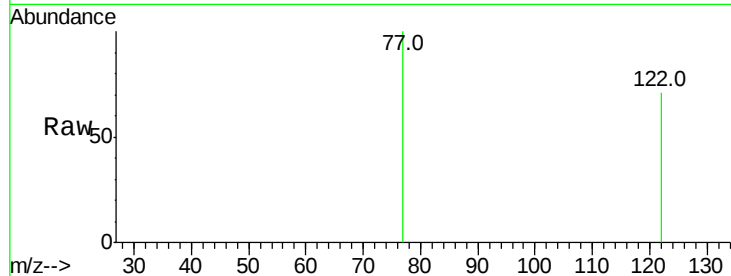
Tot Ion:122 Resp: 59

Ion Ratio Lower Upper

122 100

105 0.0 123.5 163.5#

77 141.0 85.7 125.7#



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

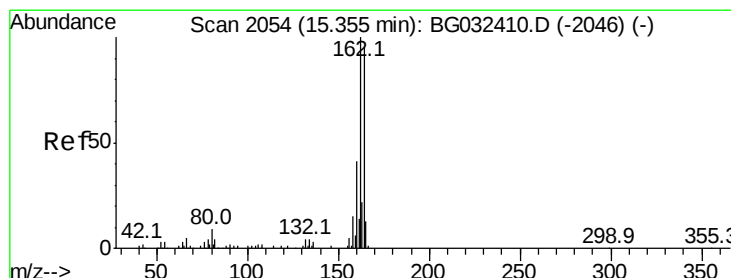
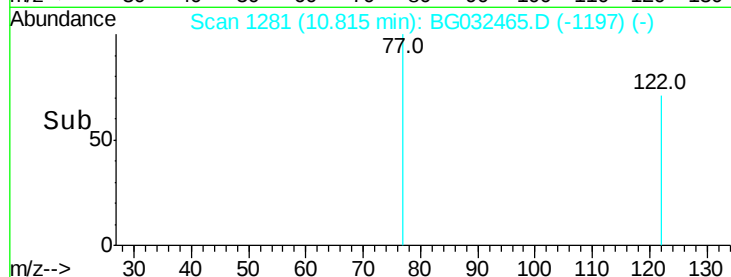
Ion 77.00 (76.70 to 77.70): B

10.82

10.81

10.82

Time-->



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.35 min Scan# 2052

Delta R.T. -0.01 min

Lab File: BG032465.D

Acq: 31 Jan 2018 14:51

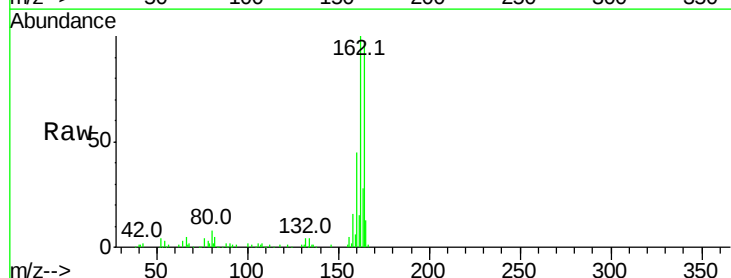
Tgt Ion:164 Resp: 85459

Ion Ratio Lower Upper

164 100

162 103.2 78.8 118.2

160 46.9 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

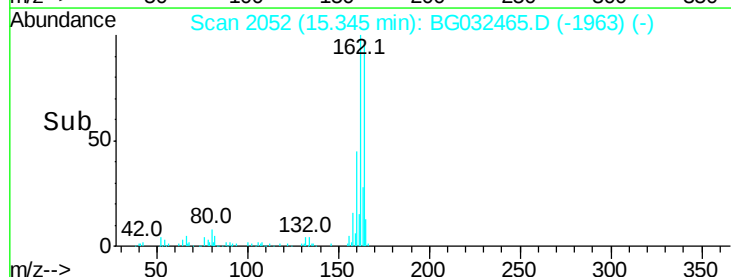
Ion 160.00 (159.70 to 160.70): E

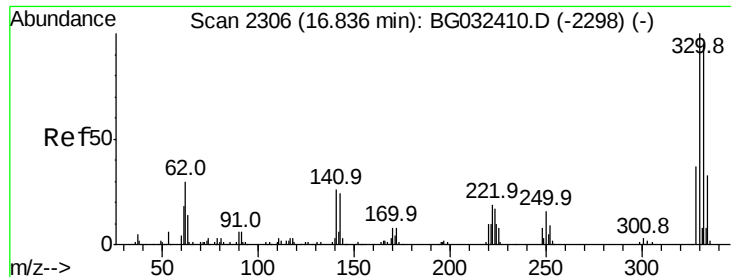
15.35

15.30

15.40

Time-->

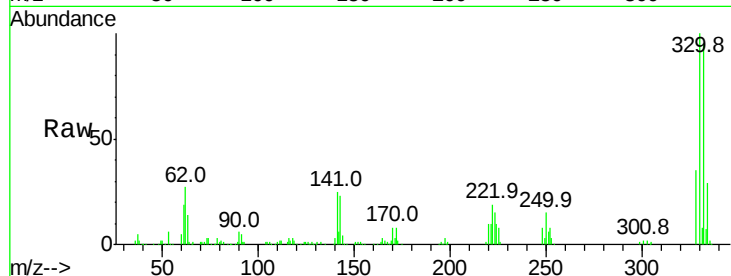




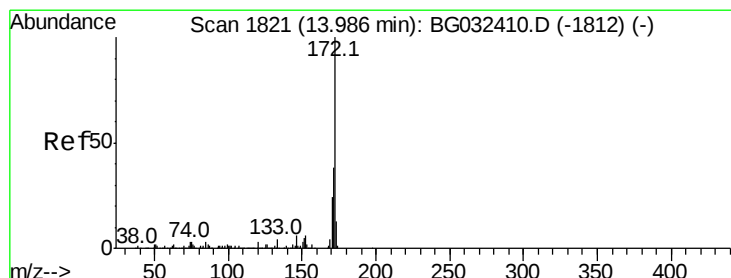
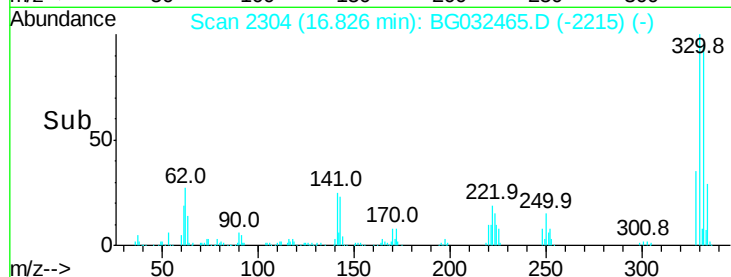
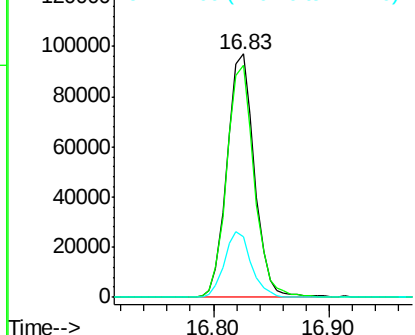
#41
 2,4,6-Tribromophenol
 Concen: 97.983 ng
 RT: 16.83 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032465.D
 Acq: 31 Jan 2018 14:51

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	26.7	25.2	37.8

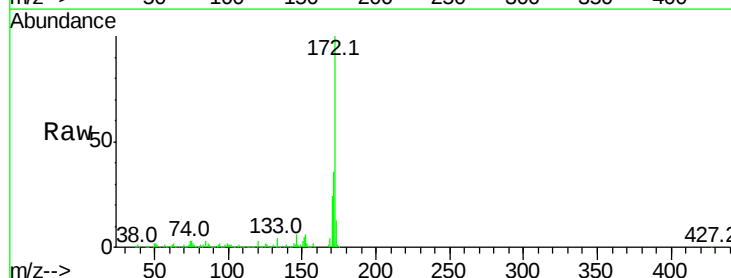


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

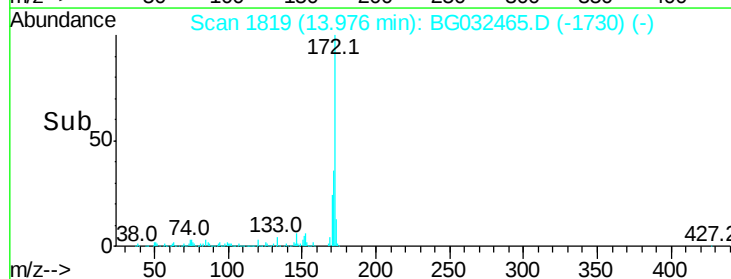
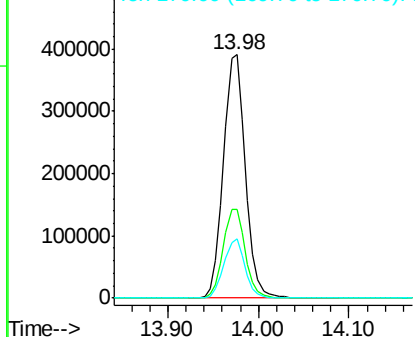


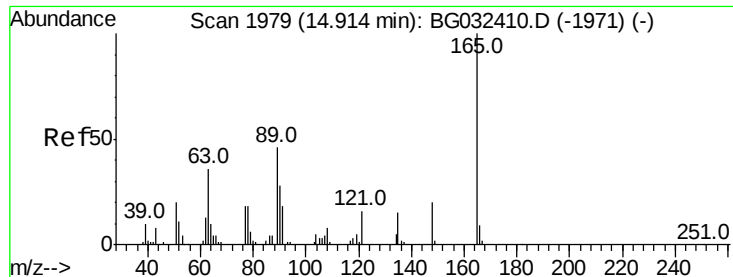
#44
 2-Fluorobiphenyl
 Concen: 91.113 ng
 RT: 13.98 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032465.D
 Acq: 31 Jan 2018 14:51

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	30.0	45.0
170	24.2	19.5	29.3



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

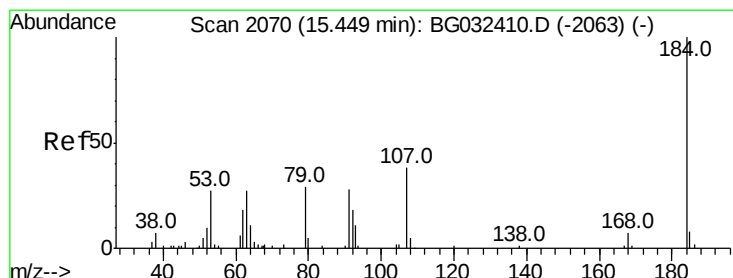
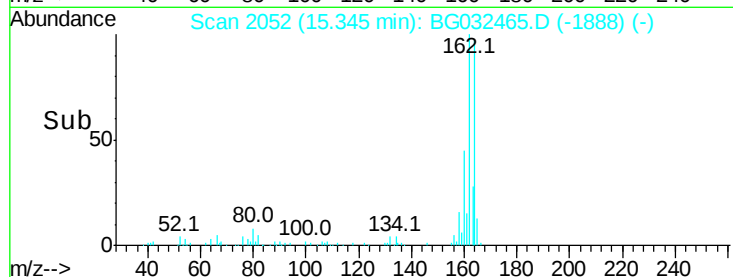
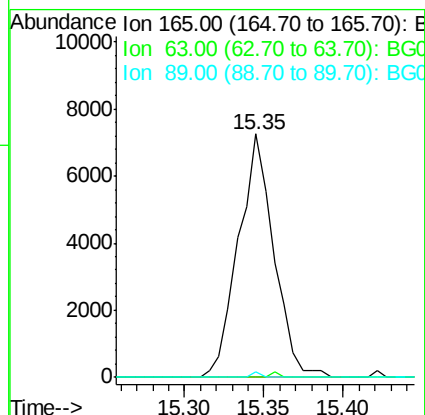
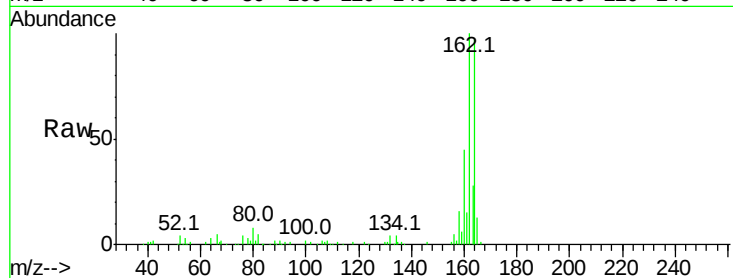




#50
2,6-Dinitrotoluene
Concen: 6.785 ng
RT: 15.35 min Scan# 2052
Delta R.T. 0.43 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

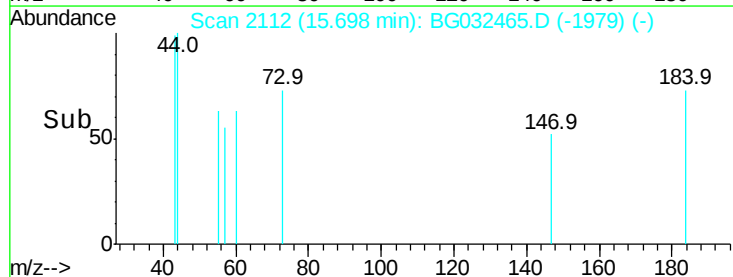
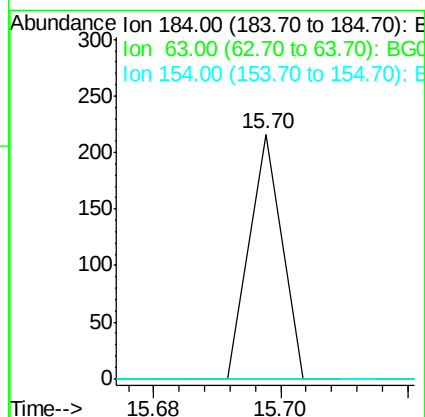
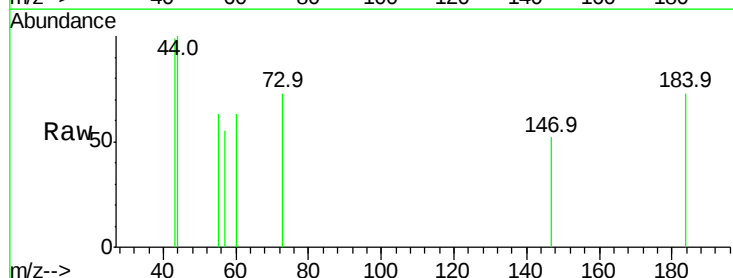
Instrument :
BNA_G
ClientSampled :

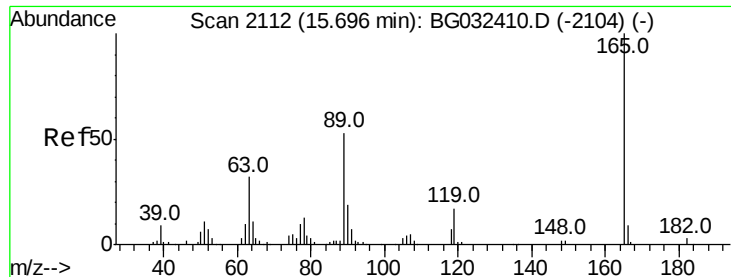
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	52.7	79.1#
89	2.2	49.2	73.8#



#53
2,4-Dinitrophenol
Concen: 4.174 ng
RT: 15.70 min Scan# 2112
Delta R.T. 0.25 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Tgt Ion	Ratio	Lower	Upper
184	100		
63	0.0	59.8	89.8#
154	0.0	101.8	152.8#

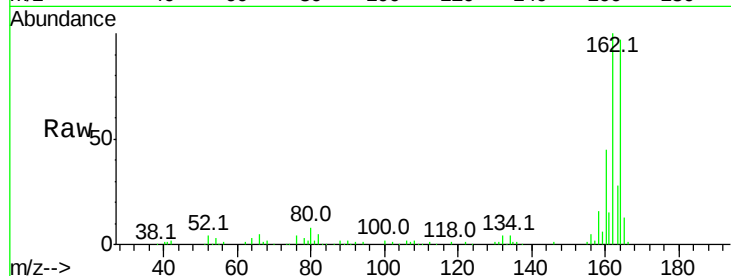




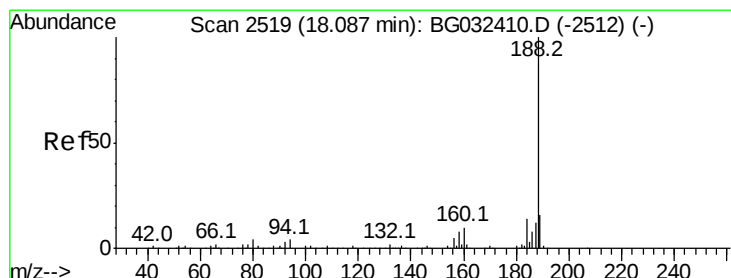
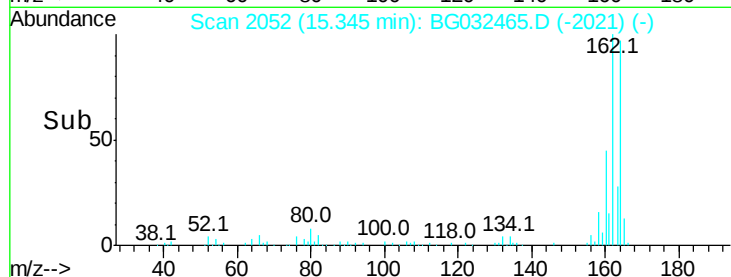
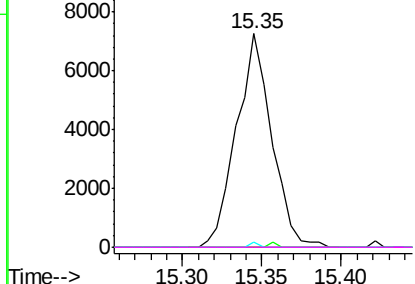
#56
2,4-Dinitrotoluene
Concen: 4.765 ng
RT: 15.35 min Scan# 2052
Delta R.T. -0.35 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Instrument :
BNA_G
ClientSampled :

Tot Ion:165 Resp: 11221
Ion Ratio Lower Upper
165 100
63 0.0 42.0 63.0#
89 2.2 66.9 100.3#
182 0.0 2.6 3.8#

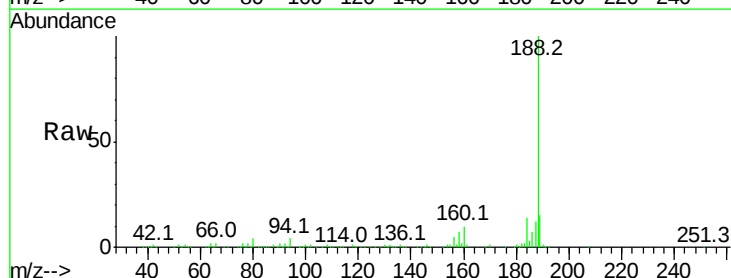


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

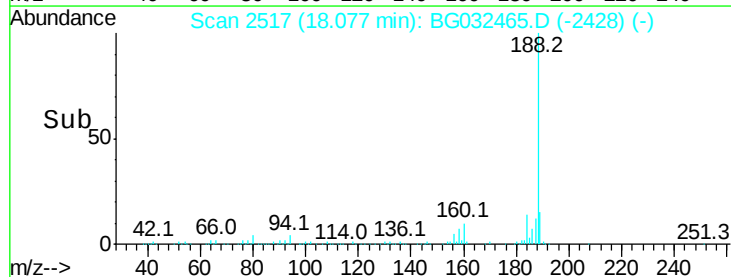
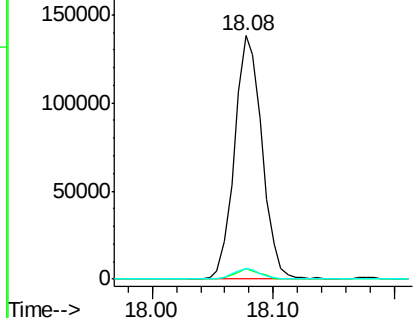


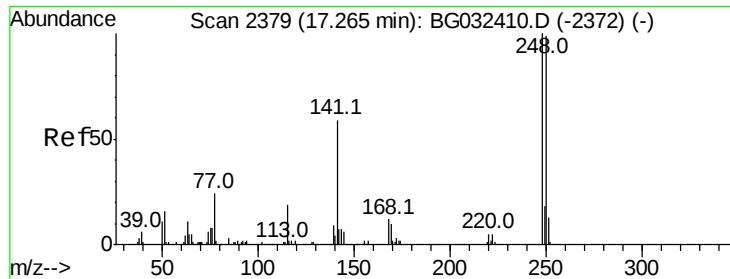
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Tgt Ion:188 Resp: 219242
Ion Ratio Lower Upper
188 100
94 4.4 6.9 10.3#
80 4.1 7.7 11.5#



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

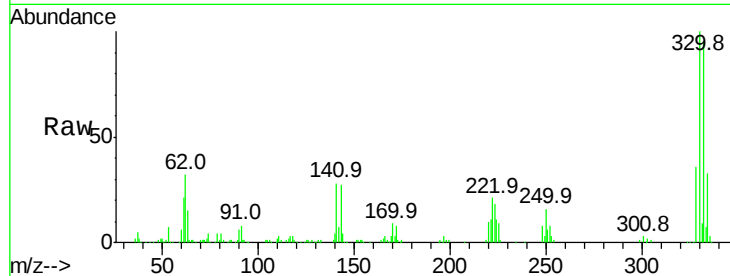




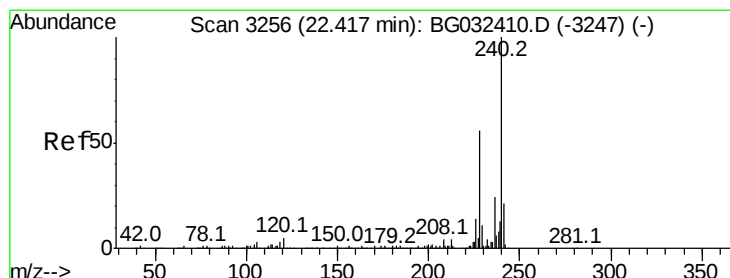
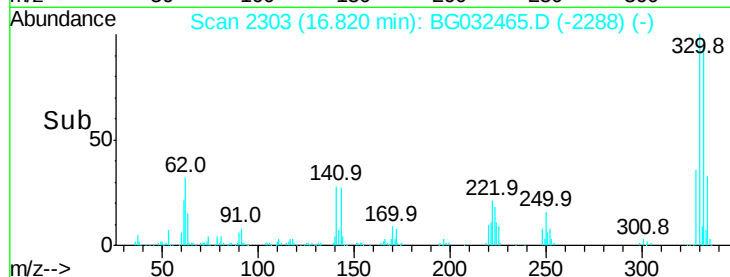
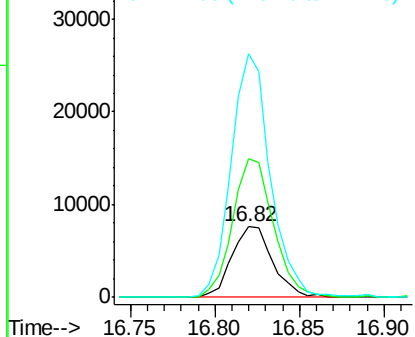
#66
4-Bromophenyl-phenylether
Concen: 3.958 ng
RT: 16.82 min Scan# 2303
Delta R.T. -0.44 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 12857
Ion Ratio Lower Upper
248 100
250 196.2 77.1 115.7#
141 345.3 50.8 76.2#

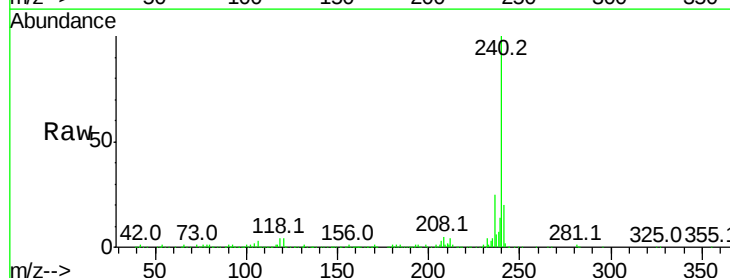


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

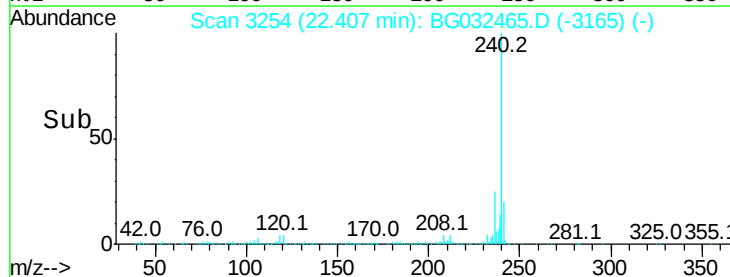
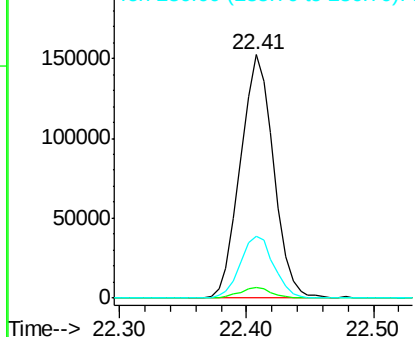


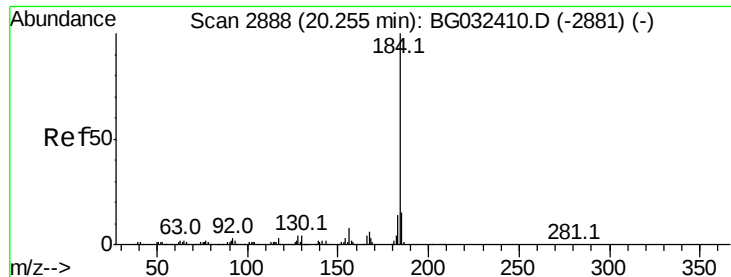
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Tgt Ion:240 Resp: 276279
Ion Ratio Lower Upper
240 100
120 4.2 6.8 10.2#
236 25.3 20.9 31.3



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: 3.175 ng

RT: 20.62 min Scan# 2949

Delta R.T. 0.36 min

Lab File: BG032465.D

Acq: 31 Jan 2018 14:51

Instrument :

BNA_G

ClientSampleId :

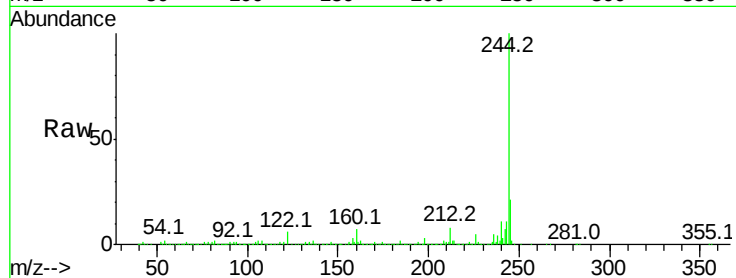
Tot Ion:184 Resp: 17226

Ion Ratio Lower Upper

184 100

185 12.7 11.1 16.7

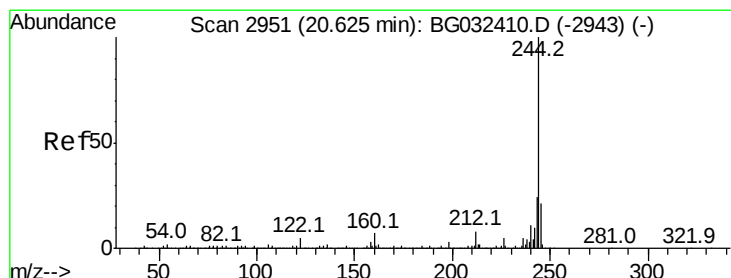
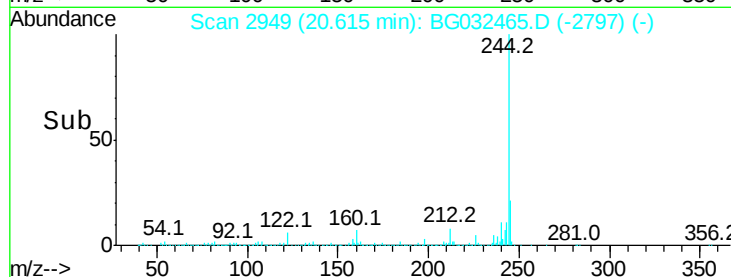
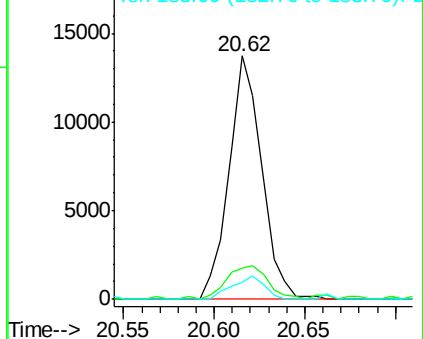
183 7.0 10.6 16.0#



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



#78

Terphenyl-d14

Concen: 88.353 ng

RT: 20.62 min Scan# 2950

Delta R.T. -0.00 min

Lab File: BG032465.D

Acq: 31 Jan 2018 14:51

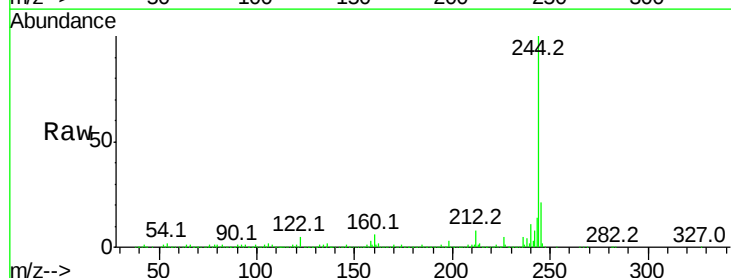
Tgt Ion:244 Resp: 1139544

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

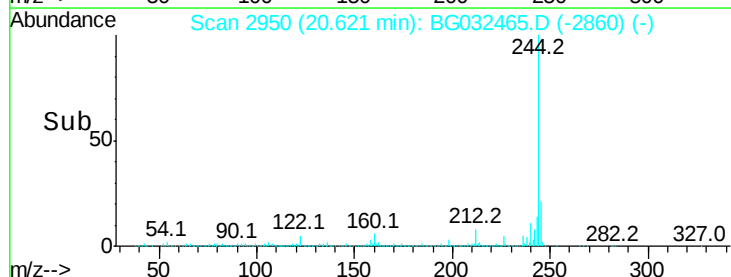
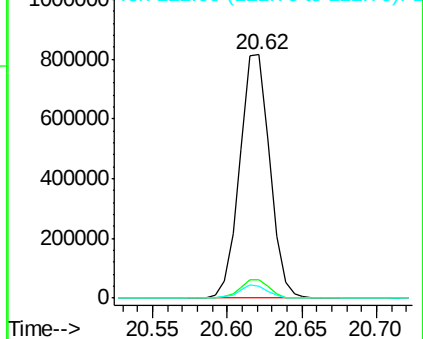
122 4.8 7.0 10.4#

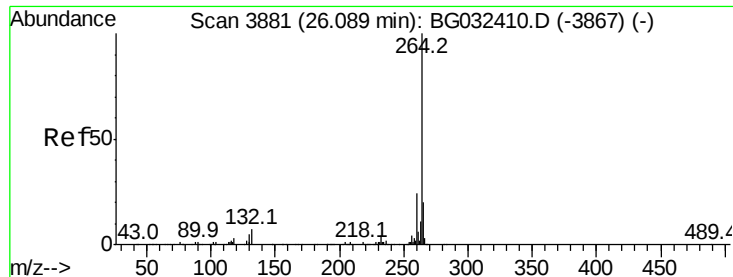


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

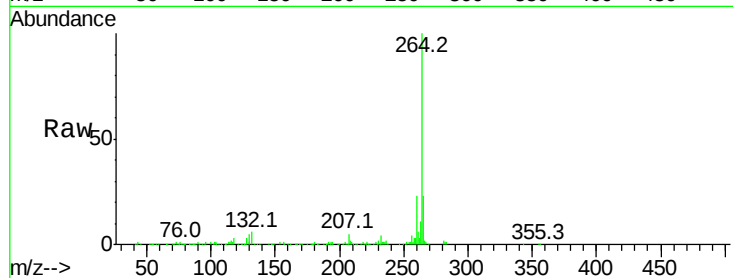




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.09 min Scan# 3880
Delta R.T. -0.00 min
Lab File: BG032465.D
Acq: 31 Jan 2018 14:51

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	17.4	26.0
265	22.5	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

