

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
 Data File : BG032558.D
 Acq On : 6 Feb 2018 6:17
 Operator : SJ/JU
 Sample : J1453-09
 Misc : MDL8PPM
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 06 07:51:16 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

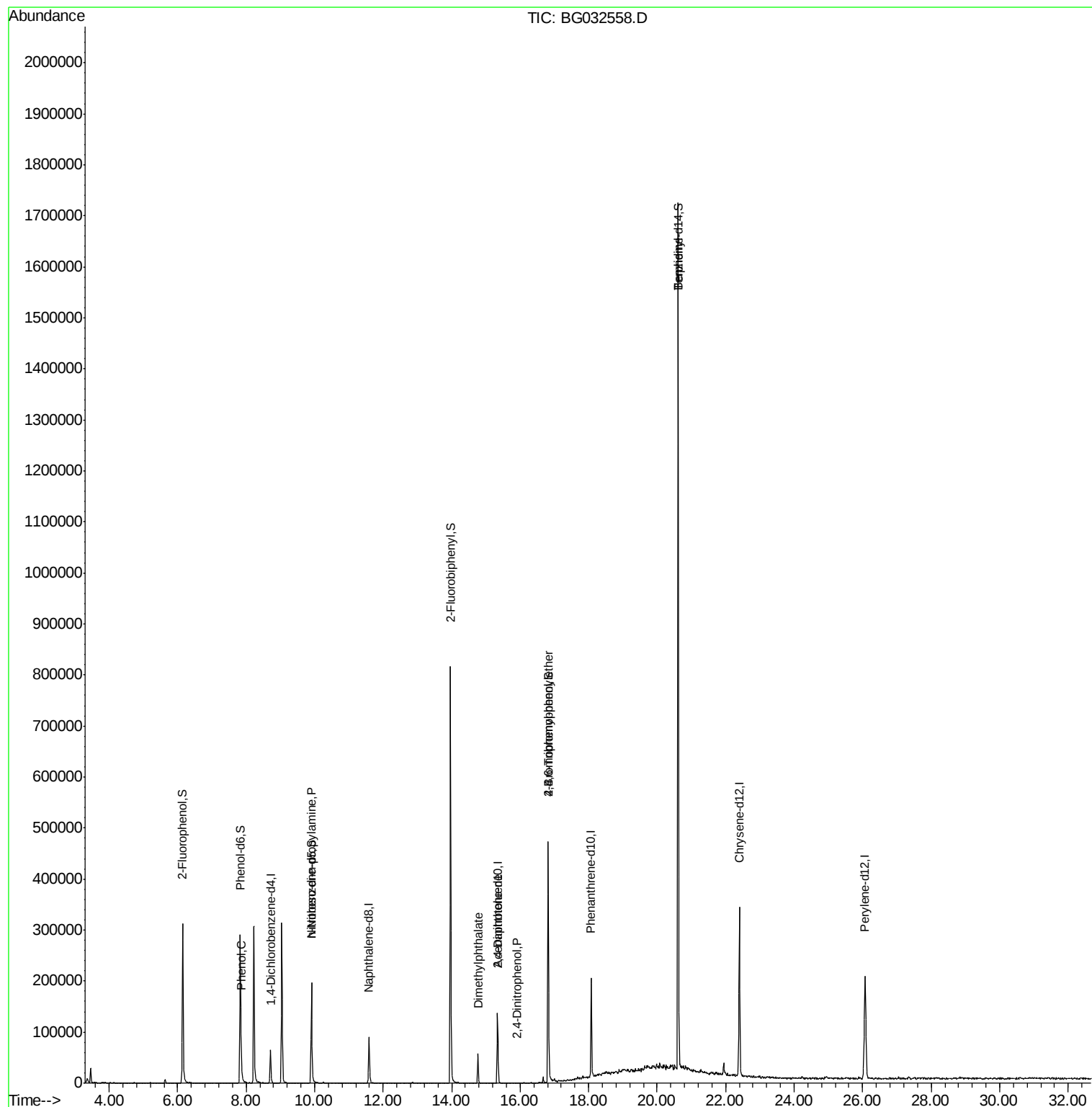
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	24321	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	102306	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	57100	20.00	ng	-0.01
63) Phenanthrene-d10	18.07	188	142665	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	255958	20.00	ng	-0.01
86) Perylene-d12	26.06	264	292279	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	170763	141.03	ng	0.00
7) Phenol-d6	7.83	99	206322	127.69	ng	0.00
23) Nitrobenzene-d5	9.91	82	135103	82.48	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	134453	123.70	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	504344	104.98	ng	-0.02
78) Terphenyl-d14	20.61	244	959274	80.28	ng	-0.01
Target Compounds						
10) Phenol	7.86	94	5979	3.897	ng	# 44
19) n-Nitroso-di-n-propylamine	9.91	70	20726	19.346	ng	# 78
49) Dimethylphthalate	14.77	163	47369	8.997	ng	# 99
53) 2,4-Dinitrophenol	15.91	184	66	4.195	ng	# 1
56) 2,4-Dinitrotoluene	15.34	165	6951	4.418	ng	# 19
66) 4-Bromophenyl-phenylether	16.82	248	9546	4.517	ng	# 1
76) Benzidine	20.61	184	13455	2.677	ng	# 96

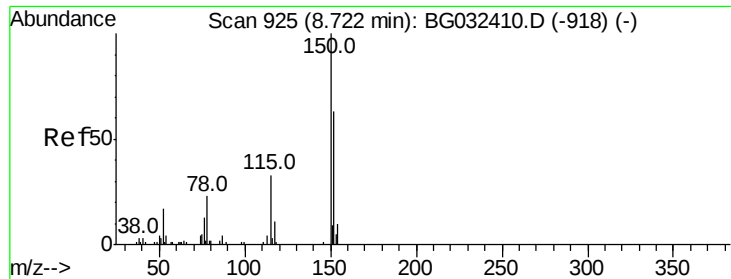
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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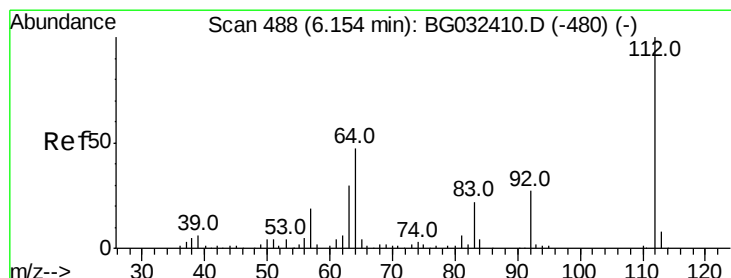
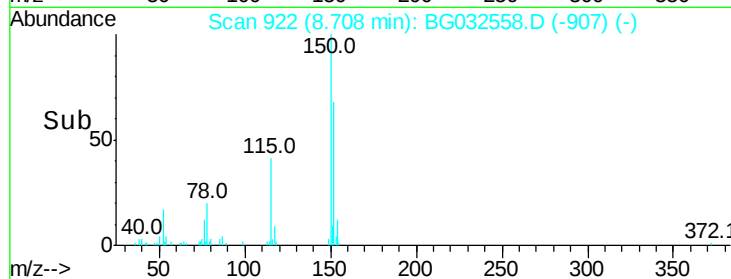
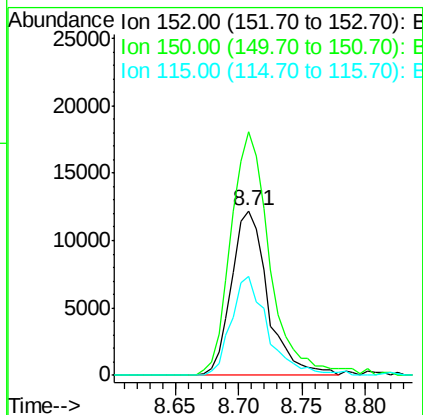
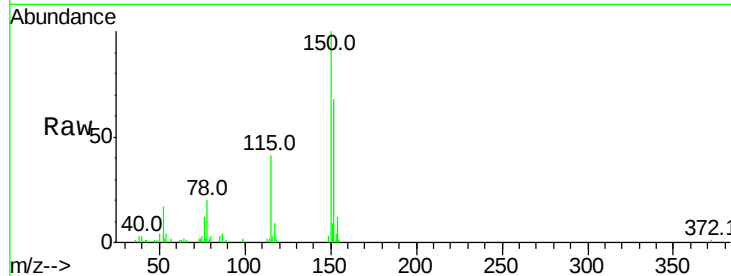


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG032558.D
Acq: 6 Feb 2018 6:17

Instrument :
BNA_G
ClientSampled :

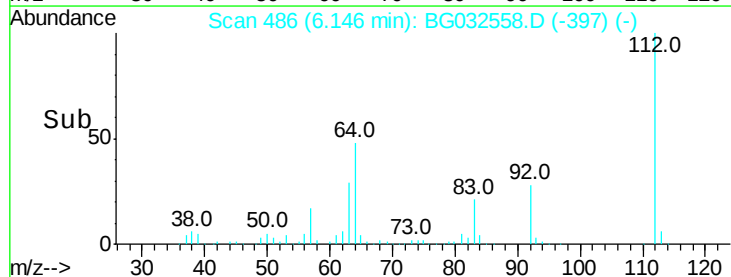
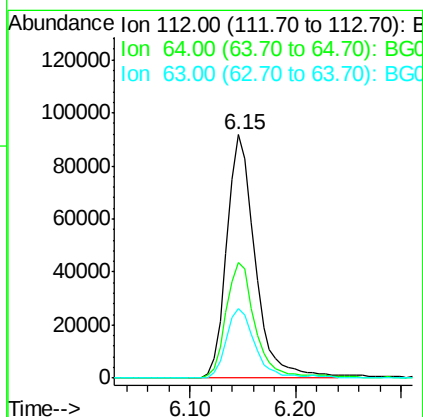
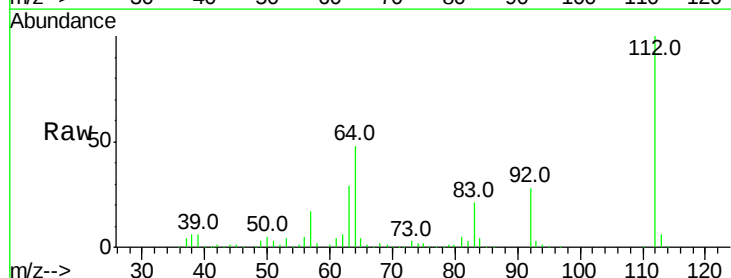
Tot Ion:152 Resp: 24321
Ion Ratio Lower Upper
152 100
150 147.9 126.6 189.8
115 60.4 53.0 79.4

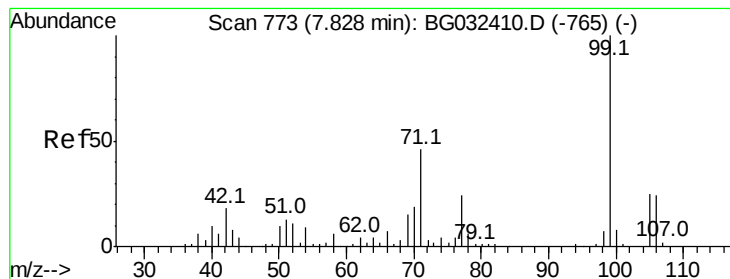


#5

2-Fluorophenol
Concen: 141.025 ng
RT: 6.15 min Scan# 486
Delta R.T. -0.01 min
Lab File: BG032558.D
Acq: 6 Feb 2018 6:17

Tgt Ion:112 Resp: 170763
Ion Ratio Lower Upper
112 100
64 47.7 56.3 84.5#
63 28.6 30.1 45.1#





#7

Phenol-d6

Concen: 127.690 ng

RT: 7.83 min Scan# 772

Delta R.T. -0.00 min

Lab File: BG032558.D

Acq: 6 Feb 2018 6:17

Instrument :

BNA_G

ClientSampleId :

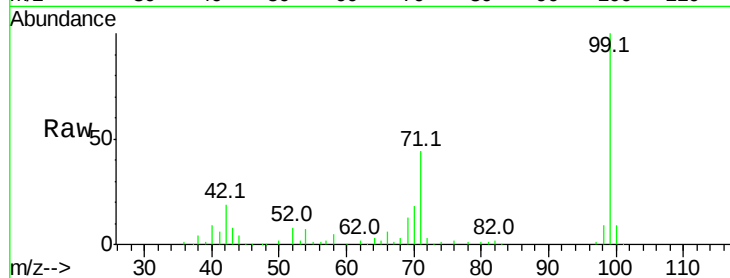
Tot Ion: 99 Resp: 206322

Ion Ratio Lower Upper

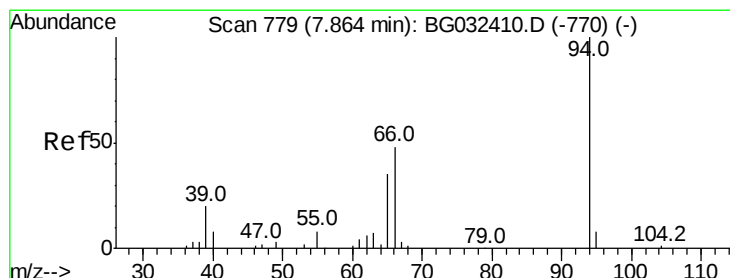
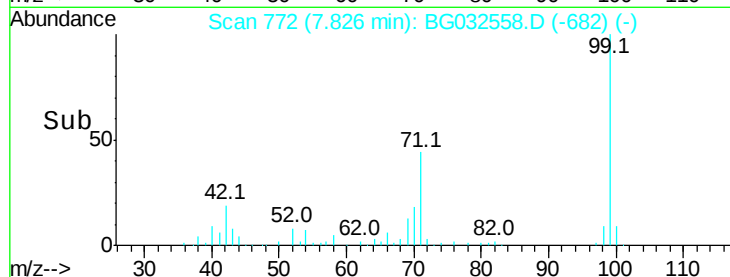
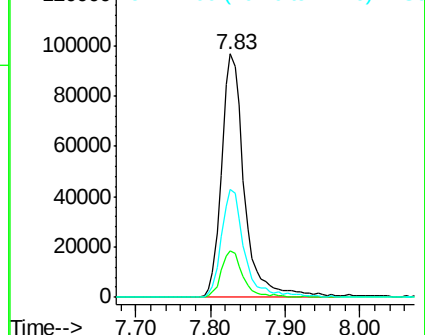
99 100

42 18.8 14.1 21.1

71 44.3 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



#10

Phenol

Concen: 3.897 ng

RT: 7.86 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG032558.D

Acq: 6 Feb 2018 6:17

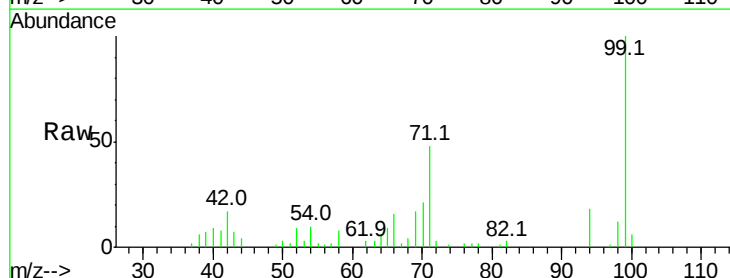
Tgt Ion: 94 Resp: 5979

Ion Ratio Lower Upper

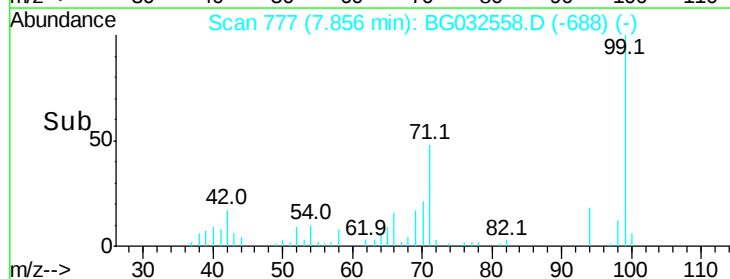
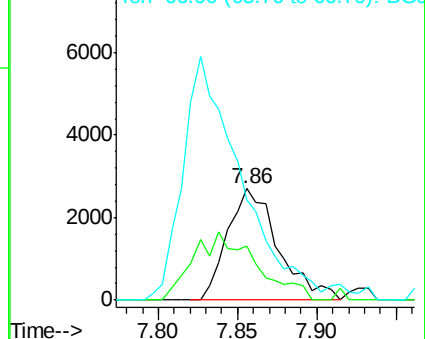
94 100

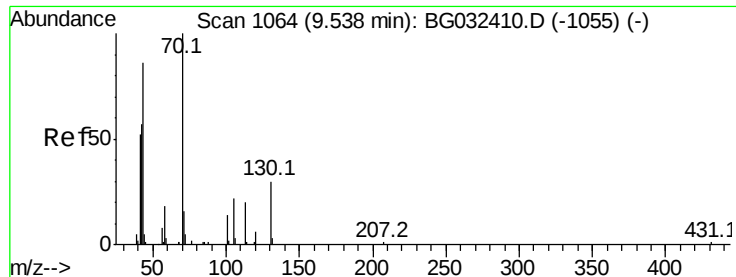
65 48.9 11.9 51.9

66 90.2 22.2 62.2#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

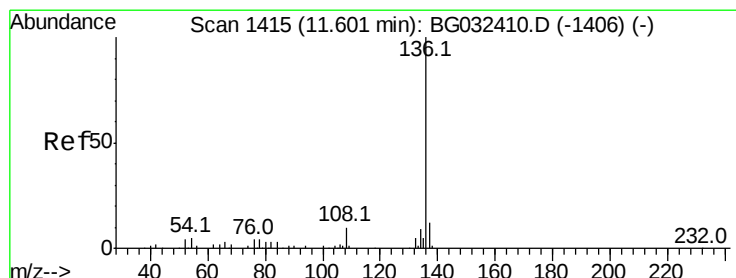
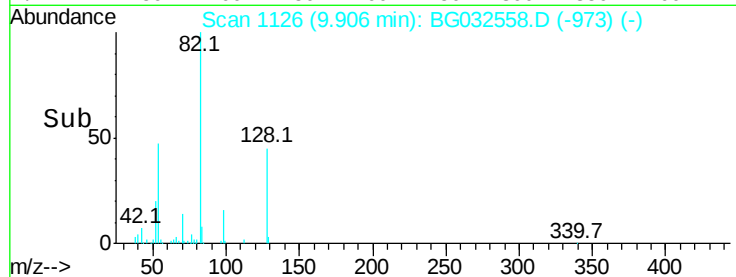
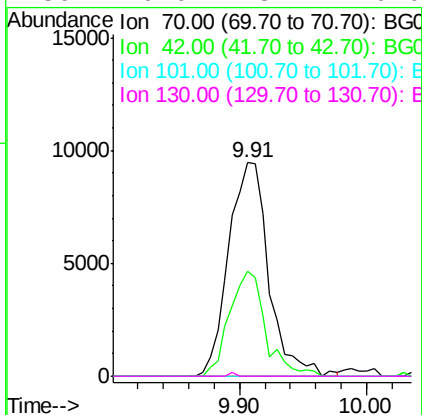
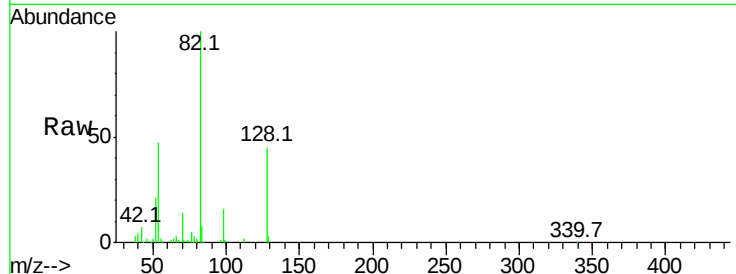




#19
n-Nitroso-di-n-propylamine
Concen: 19.346 ng
RT: 9.91 min Scan# 1126
Delta R.T. 0.37 min
Lab File: BG032558.D
Acq: 6 Feb 2018 6:17

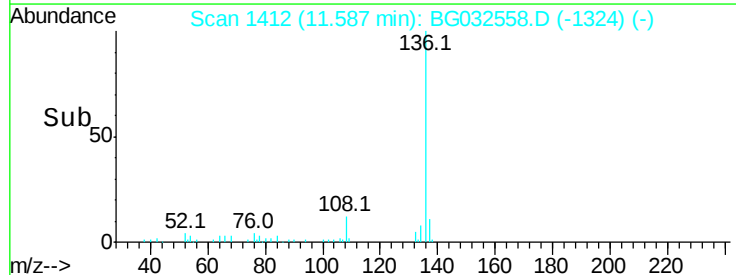
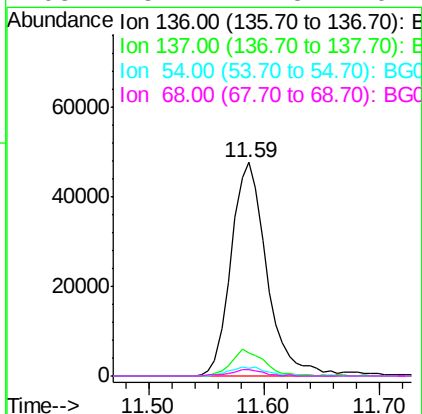
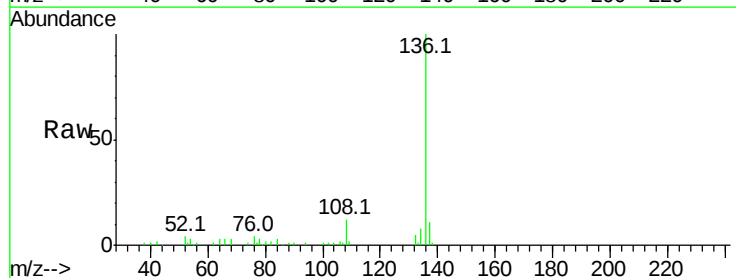
Instrument :
BNA_G
ClientSampleId :

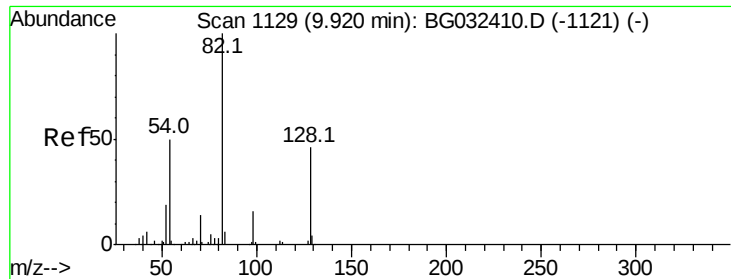
Tot Ion: 70 Resp: 20726
Ion Ratio Lower Upper
70 100
42 48.9 49.1 73.7#
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.59 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BG032558.D
Acq: 6 Feb 2018 6:17

Tgt Ion: 136 Resp: 102306
Ion Ratio Lower Upper
136 100
137 11.1 9.2 13.8
54 3.5 10.3 15.5#
68 3.2 4.5 6.7#

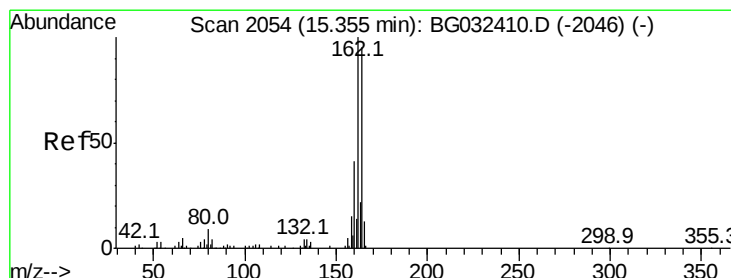
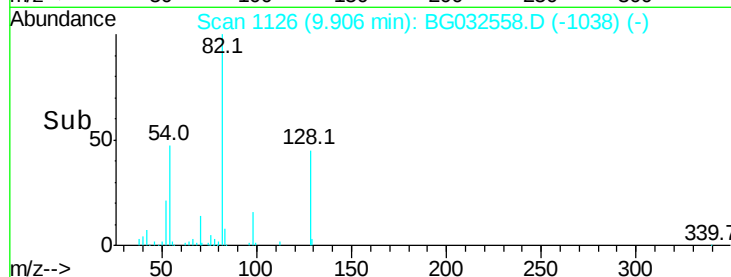
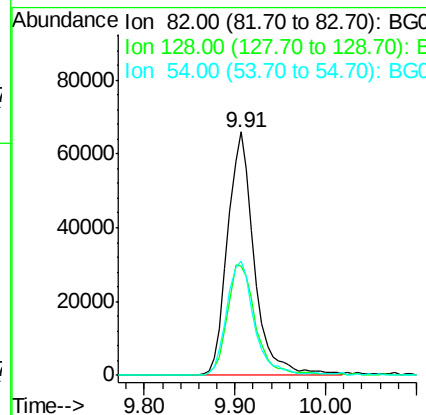
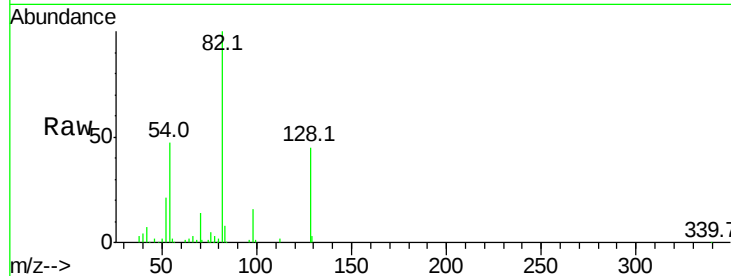




#23
Nitrobenzene-d5
Concen: 82.484 ng
RT: 9.91 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BG032558.D
Acq: 6 Feb 2018 6:17

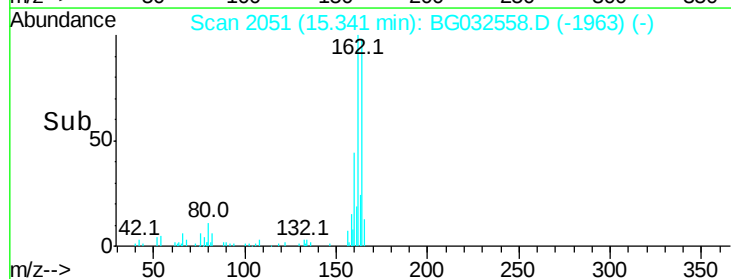
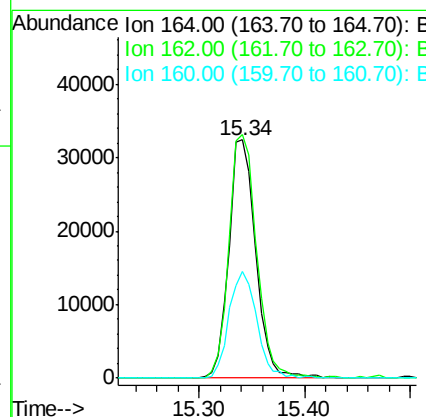
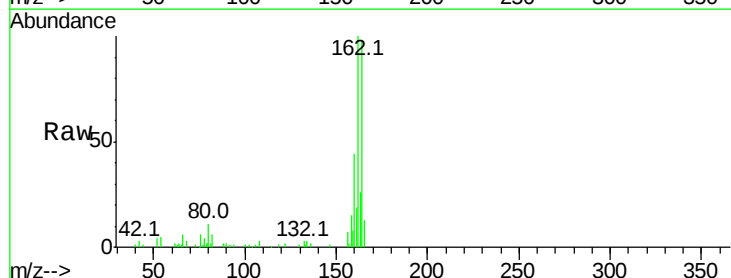
Instrument :
BNA_G
ClientSampleId :

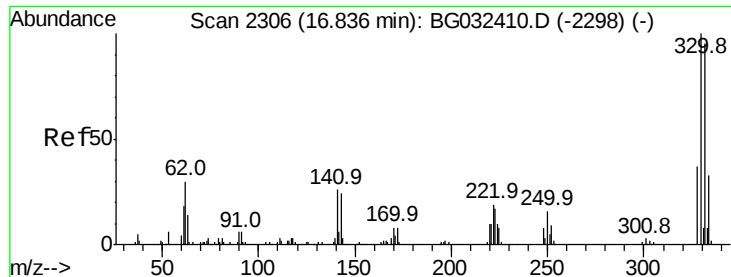
Tot Ion: 82 Resp: 135103
Ion Ratio Lower Upper
82 100
128 44.9 29.7 44.5#
54 46.8 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2051
Delta R.T. -0.01 min
Lab File: BG032558.D
Acq: 6 Feb 2018 6:17

Tgt Ion:164 Resp: 57100
Ion Ratio Lower Upper
164 100
162 102.2 78.8 118.2
160 44.9 35.4 53.0

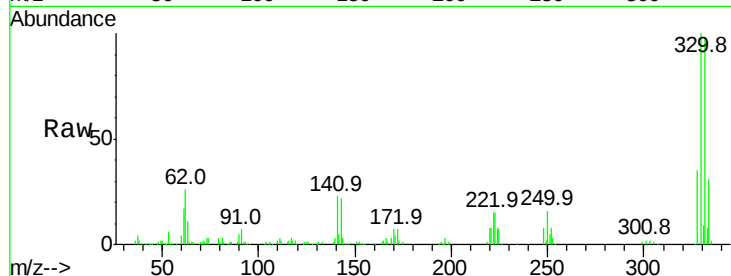




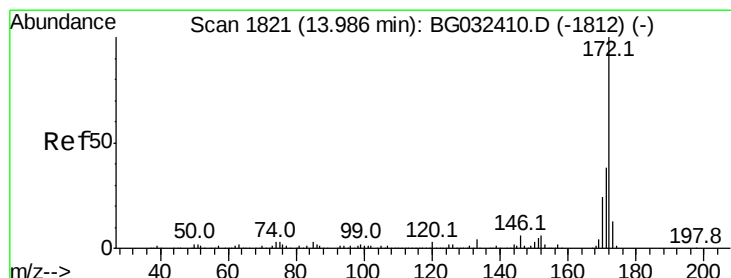
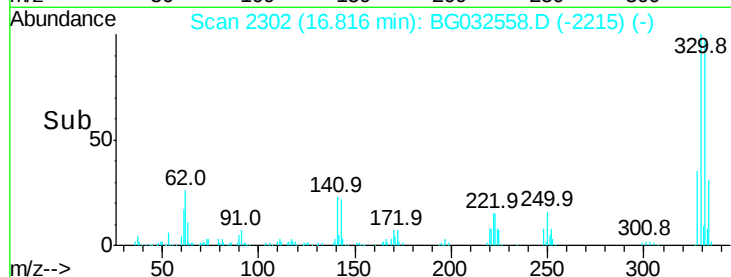
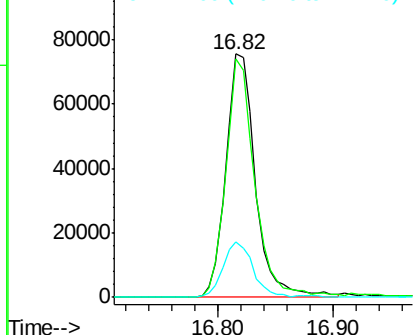
#41
 2,4,6-Tribromophenol
 Concen: 123.703 ng
 RT: 16.82 min Scan# 2302
 Delta R.T. -0.02 min
 Lab File: BG032558.D
 Acq: 6 Feb 2018 6:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 134453
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.0 115.6
 141 22.8 25.2 37.8#

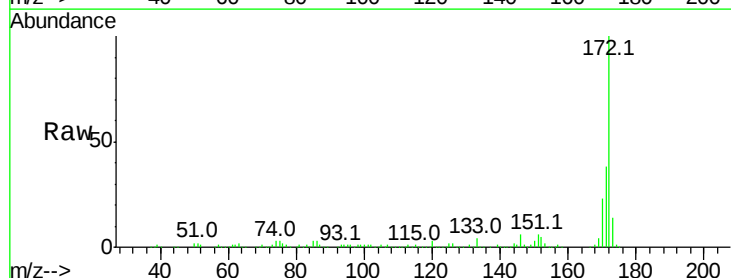


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

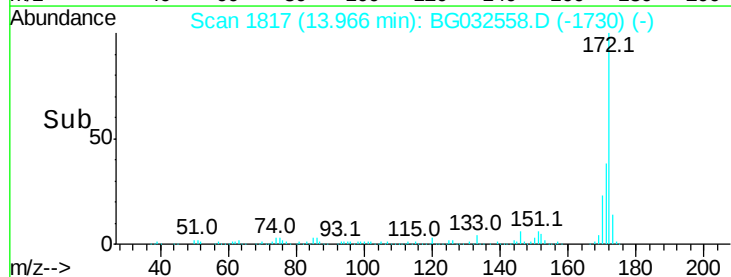
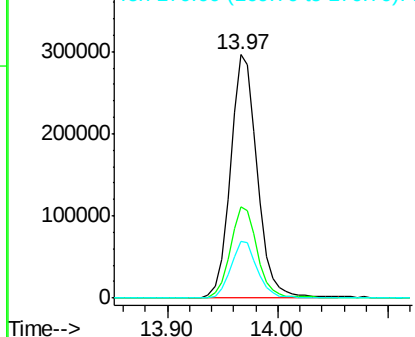


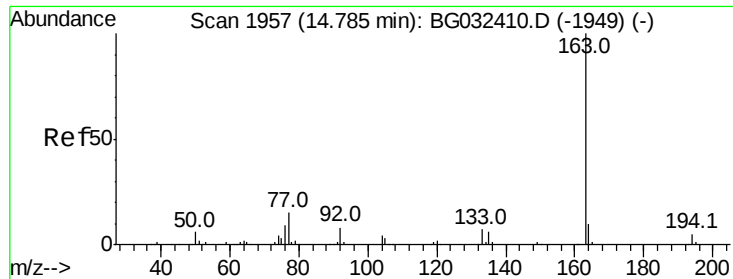
#44
 2-Fluorobiphenyl
 Concen: 104.982 ng
 RT: 13.97 min Scan# 1817
 Delta R.T. -0.02 min
 Lab File: BG032558.D
 Acq: 6 Feb 2018 6:17

Tgt Ion:172 Resp: 504344
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.0 45.0
 170 23.1 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





#49

Dimethylphthalate

Concen: 8.997 ng

RT: 14.77 min Scan# 1953

Delta R.T. -0.02 min

Lab File: BG032558.D

Acq: 6 Feb 2018 6:17

Instrument :

BNA_G

ClientSampleId :

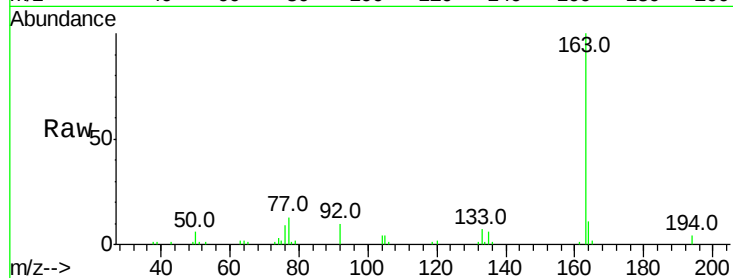
Tot Ion:163 Resp: 47369

Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

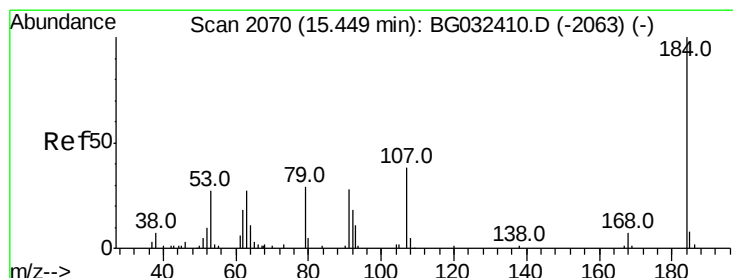
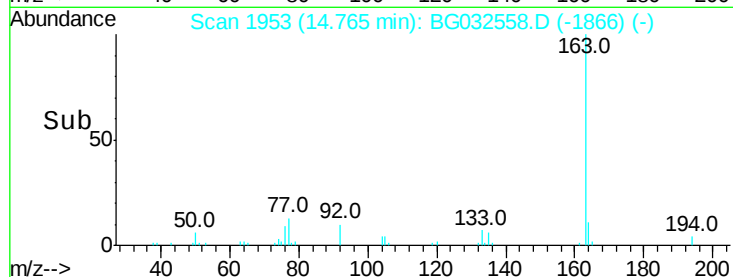
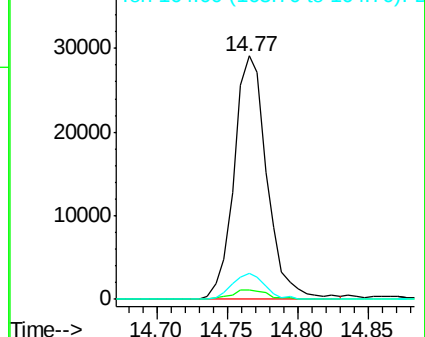
164 10.8 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#53

2,4-Dinitrophenol

Concen: 4.195 ng

RT: 15.91 min Scan# 2147

Delta R.T. 0.46 min

Lab File: BG032558.D

Acq: 6 Feb 2018 6:17

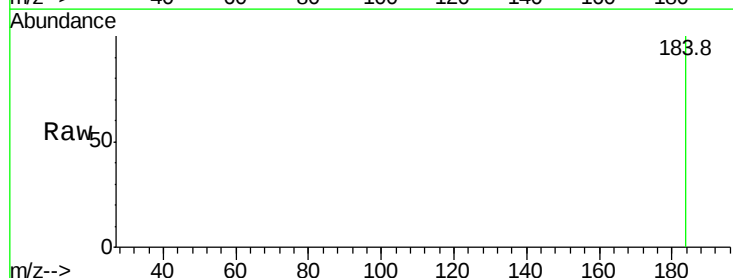
Tgt Ion:184 Resp: 66

Ion Ratio Lower Upper

184 100

63 0.0 59.8 89.8#

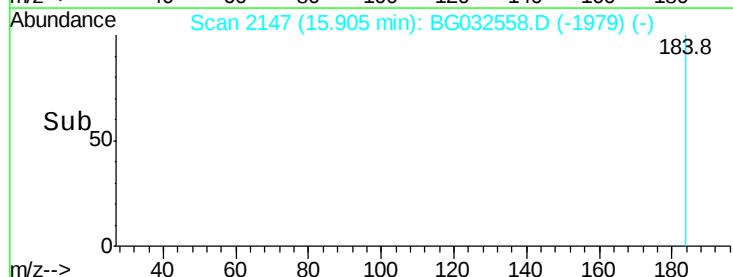
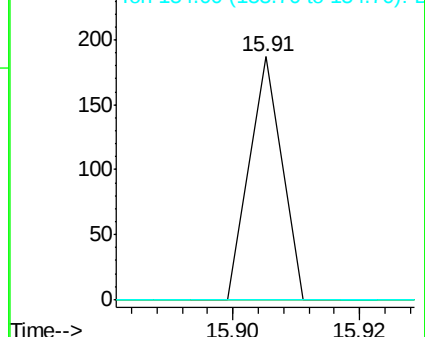
154 0.0 101.8 152.8#

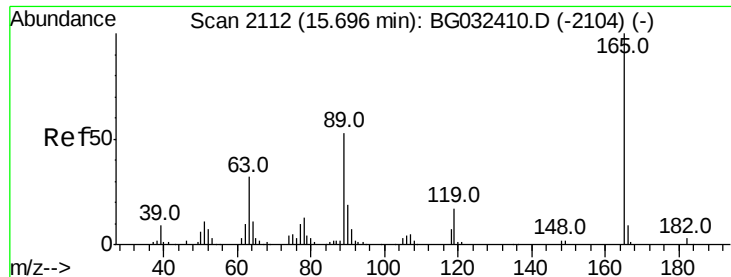


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 154.00 (153.70 to 154.70): E

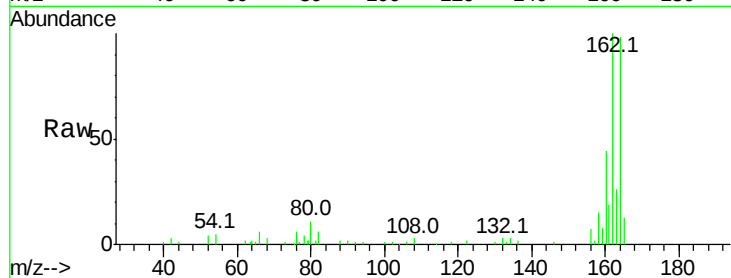




#56
 2,4-Dinitrotoluene
 Concen: 4.418 ng
 RT: 15.34 min Scan# 2051
 Delta R.T. -0.35 min
 Lab File: BG032558.D
 Acq: 6 Feb 2018 6:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	4.3	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

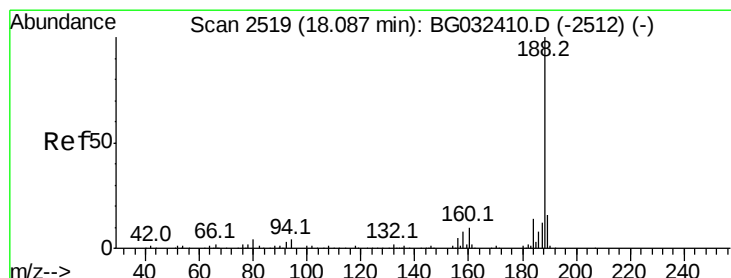
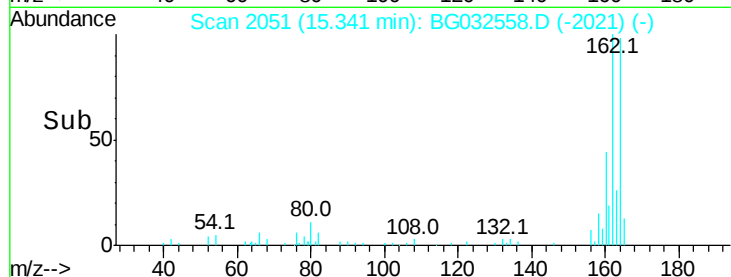
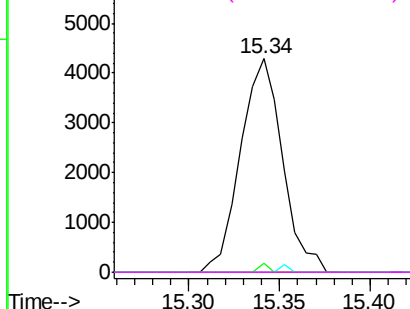


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

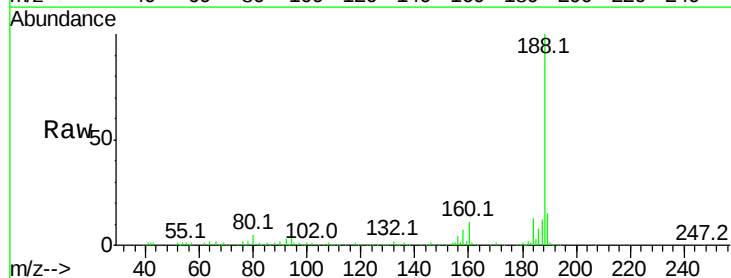
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.07 min Scan# 2516
 Delta R.T. -0.01 min
 Lab File: BG032558.D
 Acq: 6 Feb 2018 6:17

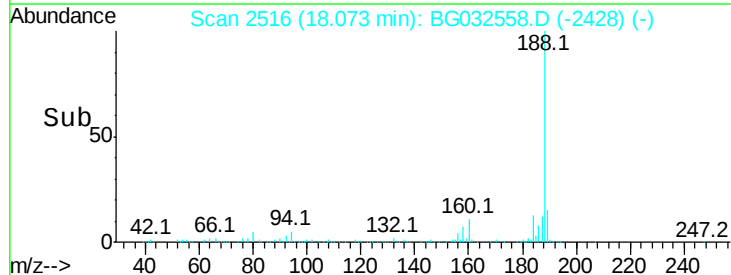
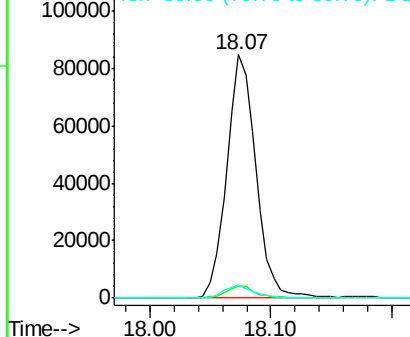
Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.7	6.9	10.3#
80	5.5	7.7	11.5#

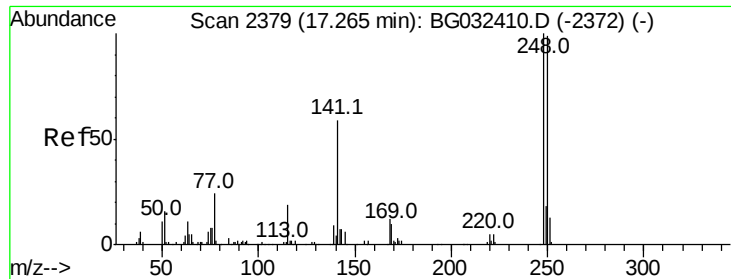


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

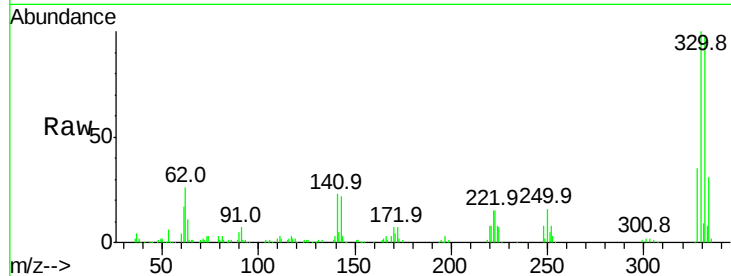




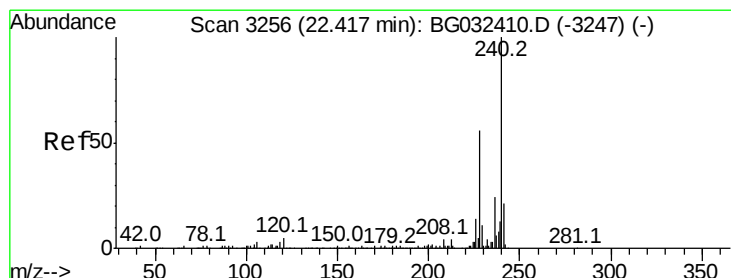
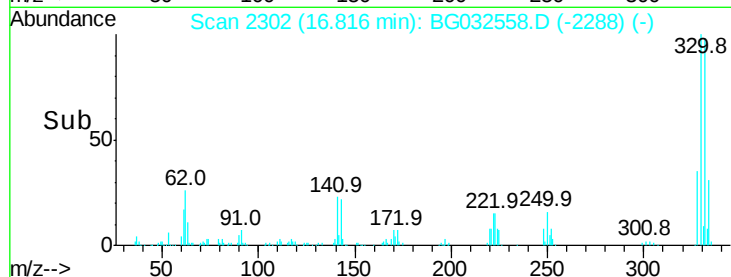
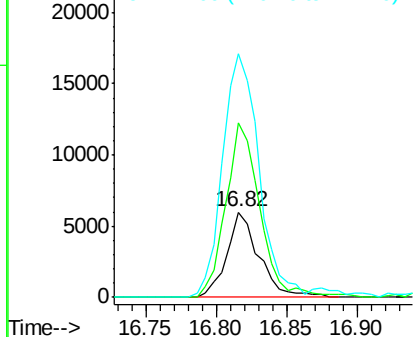
#66
4-Bromophenyl-phenylether
Concen: 4.517 ng
RT: 16.82 min Scan# 2302
Delta R.T. -0.45 min
Lab File: BG032558.D
Acq: 6 Feb 2018 6:17

Instrument :
BNA_G
ClientSampleId :

Tot Ion:248 Resp: 9546
Ion Ratio Lower Upper
248 100
250 204.9 77.1 115.7#
141 285.8 50.8 76.2#

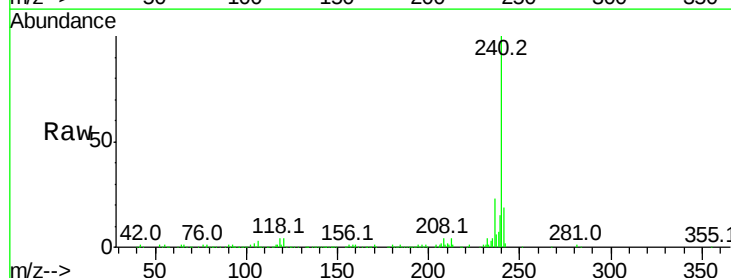


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

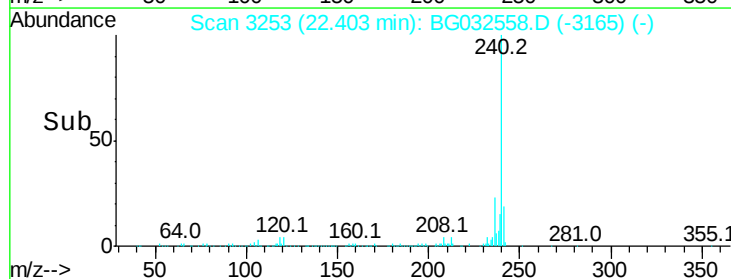
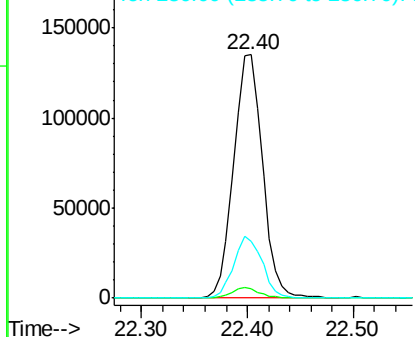


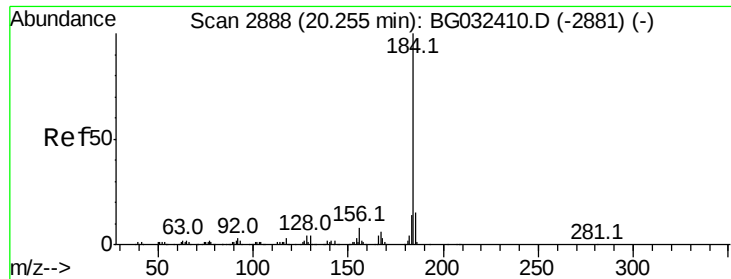
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.01 min
Lab File: BG032558.D
Acq: 6 Feb 2018 6:17

Tgt Ion:240 Resp: 255958
Ion Ratio Lower Upper
240 100
120 4.0 6.8 10.2#
236 23.5 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: 2.677 ng

RT: 20.61 min Scan# 2948

Delta R.T. 0.36 min

Lab File: BG032558.D

Acq: 6 Feb 2018 6:17

Instrument :

BNA_G

ClientSampleId :

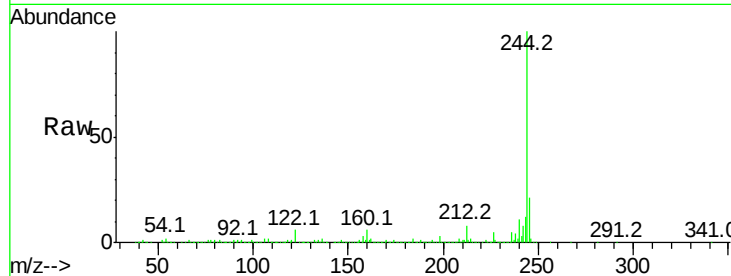
Tot Ion:184 Resp: 13455

Ion Ratio Lower Upper

184 100

185 17.1 11.1 16.7#

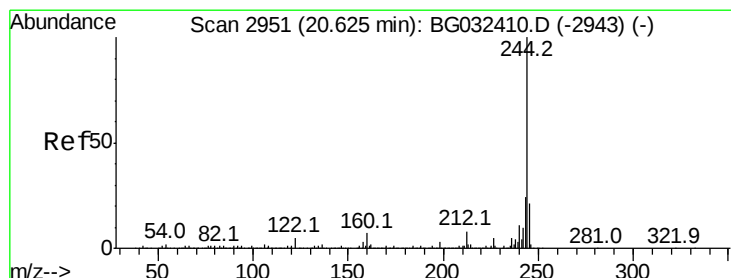
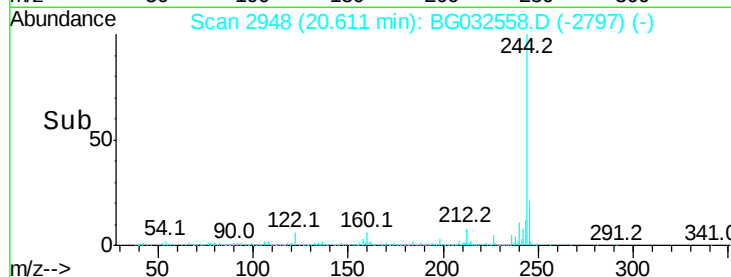
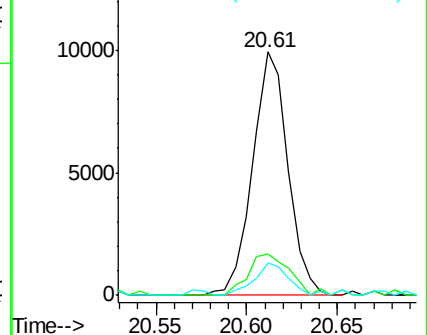
183 13.3 10.6 16.0



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: 80.280 ng

RT: 20.61 min Scan# 2948

Delta R.T. -0.01 min

Lab File: BG032558.D

Acq: 6 Feb 2018 6:17

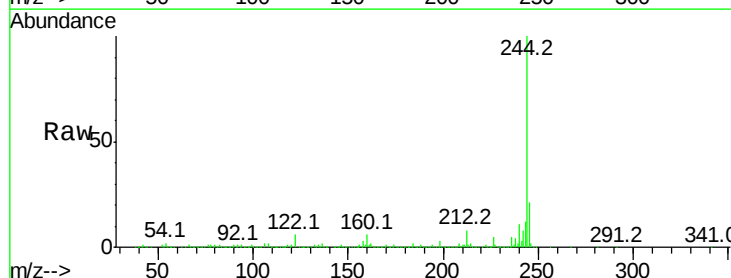
Tgt Ion:244 Resp: 959274

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

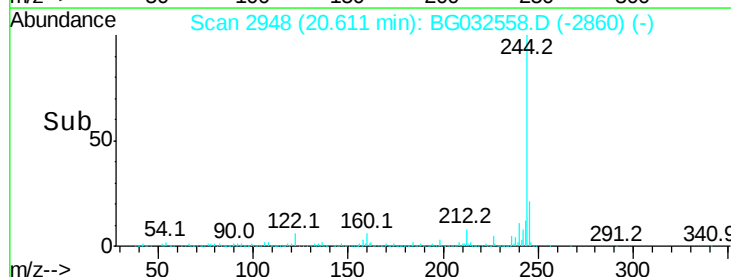
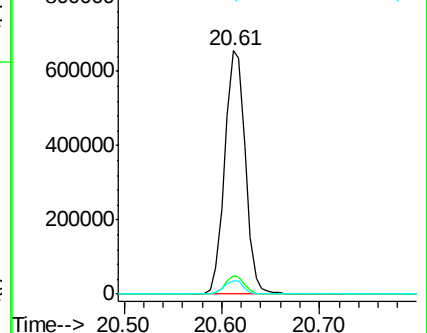
122 5.6 7.0 10.4#

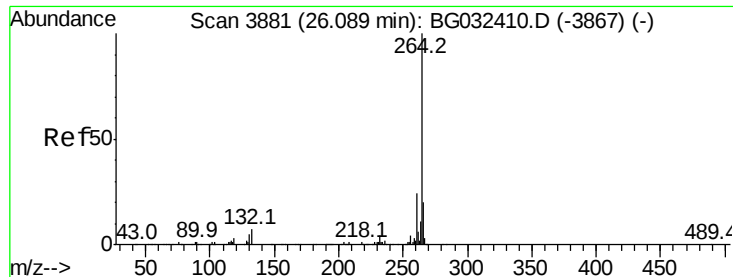


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

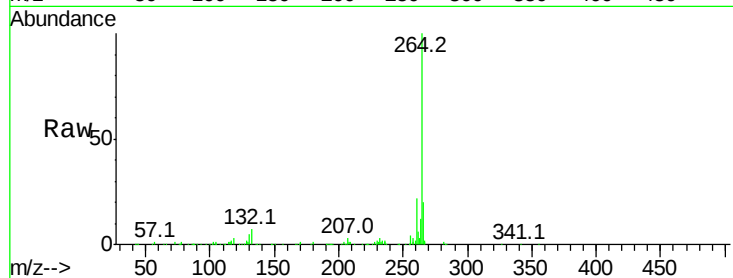




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 26.06 min Scan# 3876
 Delta R.T. -0.03 min
 Lab File: BG032558.D
 Acq: 6 Feb 2018 6:17

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.6	17.4	26.0
265	20.5	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

