

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122717\
 Data File : BG031819.D
 Acq On : 28 Dec 2017 5:56
 Operator : SJ/JU
 Sample : I7010-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 28 07:24:15 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

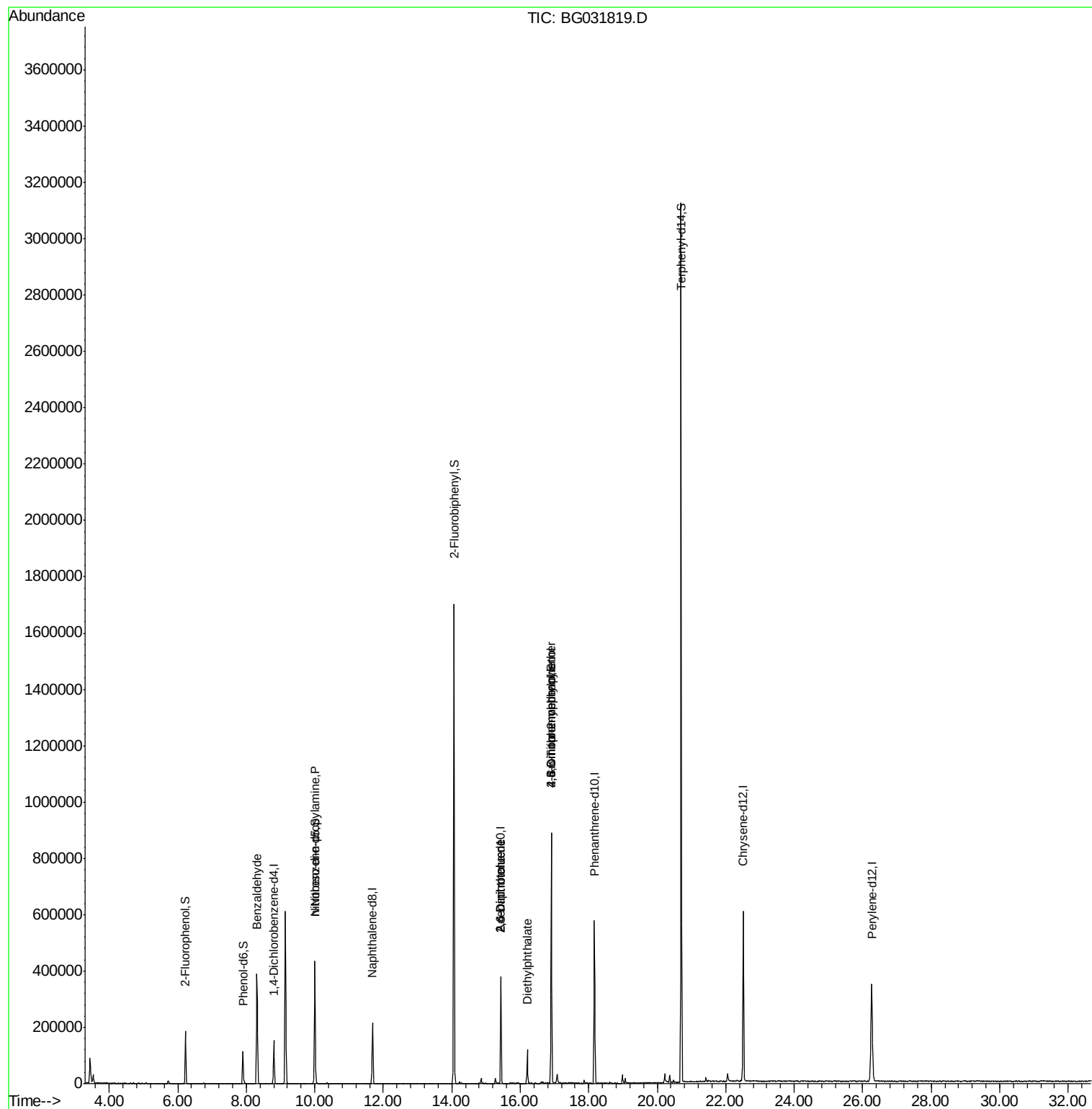
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.80	152	54611	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	218209	20.00	ng	-0.04
38) Acenaphthene-d10	15.43	164	149776	20.00	ng	-0.04
63) Phenanthrene-d10	18.16	188	391842	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	469567	20.00	ng	-0.06
86) Perylene-d12	26.26	264	495262	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	102379	34.15	ng	-0.02
7) Phenol-d6	7.90	99	79695	20.47	ng	-0.03
23) Nitrobenzene-d5	10.00	82	279089	96.58	ng	-0.04
41) 2,4,6-Tribromophenol	16.91	330	221785	97.05	ng	-0.04
44) 2-Fluorobiphenyl	14.06	172	1034613	86.70	ng	-0.04
78) Terphenyl-d14	20.70	244	1696267	82.53	ng	-0.04
Target Compounds						
9) Benzaldehyde	8.32	77	4937	2.106	ng	# 88
19) n-Nitroso-di-n-propylamine	10.00	70	37428	14.078	ng	# 68
50) 2,6-Dinitrotoluene	15.43	165	19602	8.076	ng	# 21
56) 2,4-Dinitrotoluene	15.43	165	19602	6.280	ng	# 19
59) Diethylphthalate	16.20	149	75456	5.867	ng	# 97
64) 4,6-Dinitro-2-methylphenol	16.90	198	498	8.522	ng	# 49
66) 4-Bromophenyl-phenylether	16.91	248	17734	3.130	ng	# 1

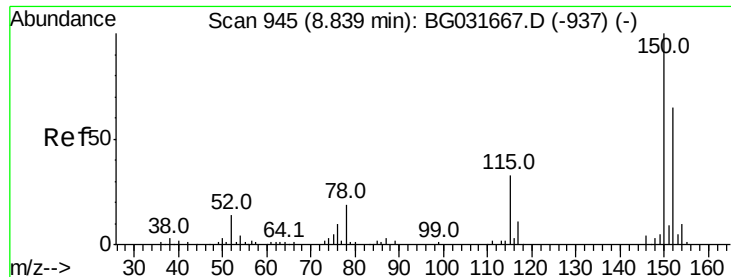
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 22 11:08:55 2017
Response via : Initial Calibration



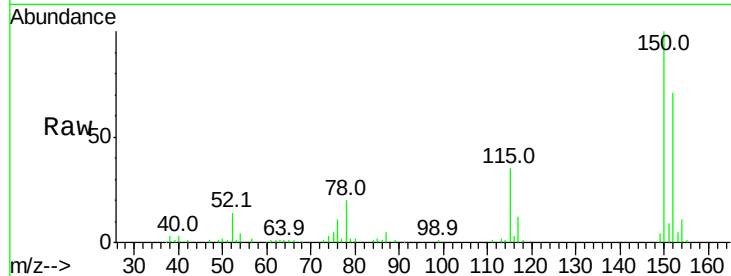


#1

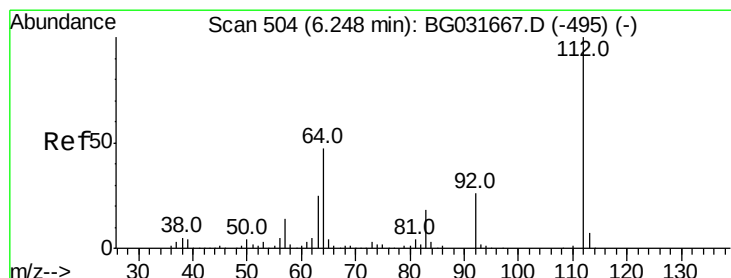
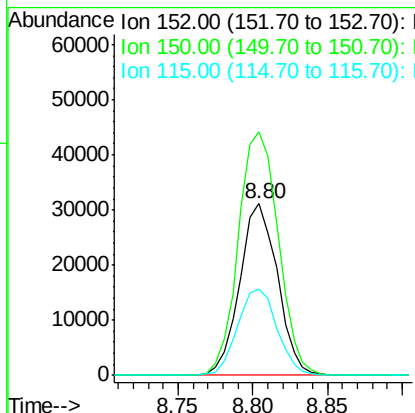
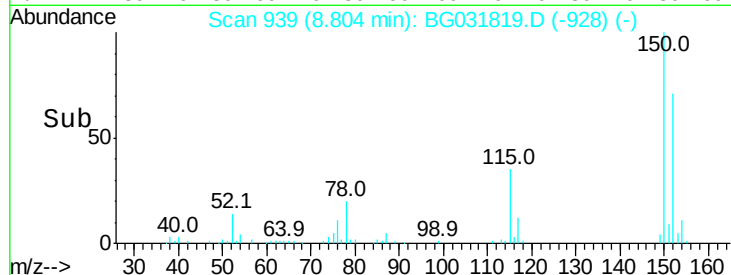
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.80 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG031819.D
Acq: 28 Dec 2017 5:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 54611
Ion Ratio Lower Upper
152 100
150 141.7 126.6 189.8
115 49.9 53.0 79.4#



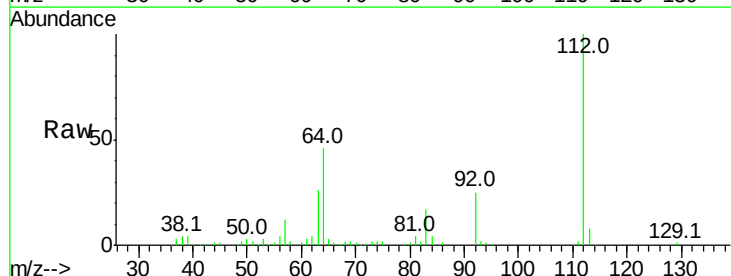
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



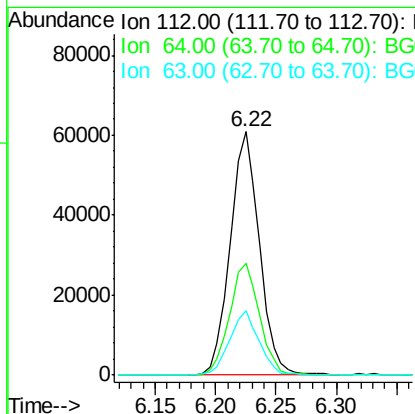
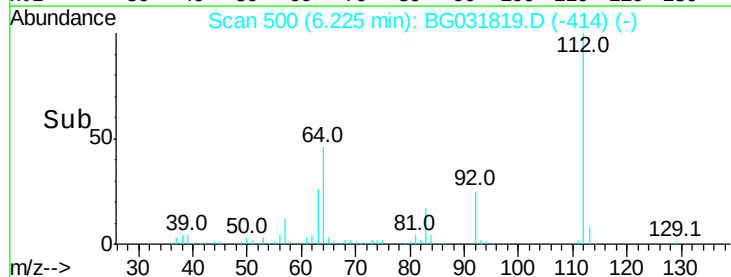
#5

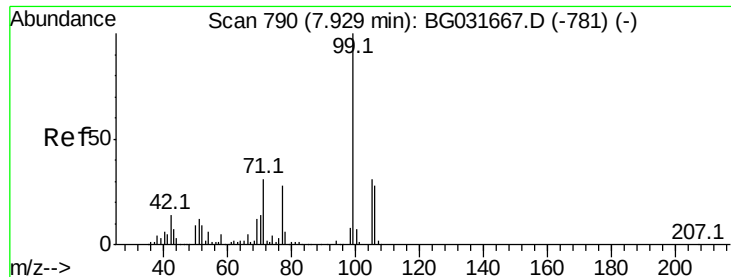
2-Fluorophenol
Concen: 34.145 ng
RT: 6.22 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031819.D
Acq: 28 Dec 2017 5:56

Tgt Ion:112 Resp: 102379
Ion Ratio Lower Upper
112 100
64 46.1 56.3 84.5#
63 26.2 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 20.472 ng

RT: 7.90 min Scan# 785

Delta R.T. -0.03 min

Lab File: BG031819.D

Acq: 28 Dec 2017 5:56

Instrument :

BNA_G

ClientSampleId :

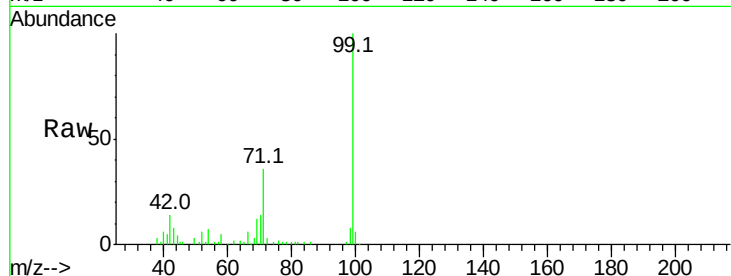
Tot Ion: 99 Resp: 79695

Ion Ratio Lower Upper

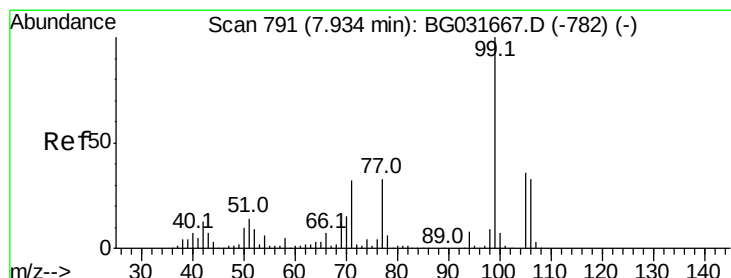
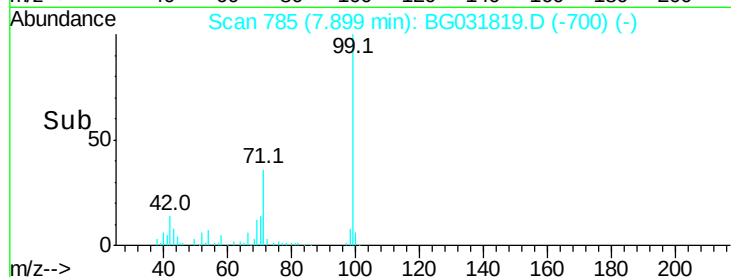
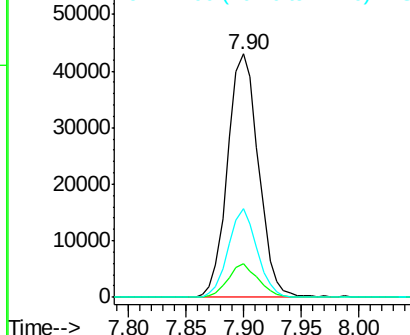
99 100

42 14.1 14.1 21.1#

71 36.3 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



#9

Benzaldehyde

Concen: 2.106 ng

RT: 8.32 min Scan# 856

Delta R.T. 0.38 min

Lab File: BG031819.D

Acq: 28 Dec 2017 5:56

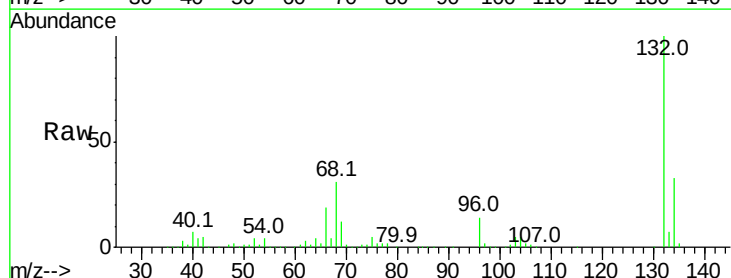
Tgt Ion: 77 Resp: 4937

Ion Ratio Lower Upper

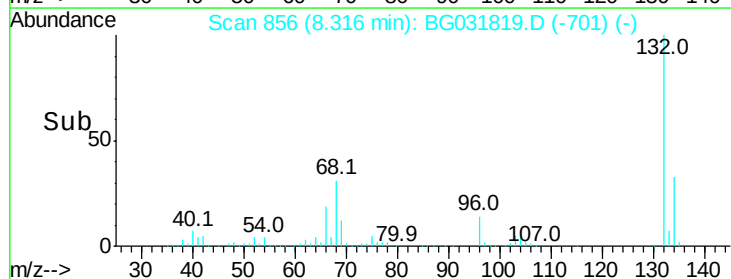
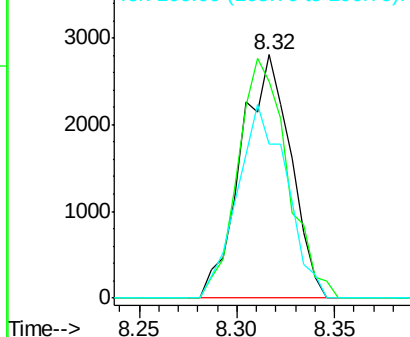
77 100

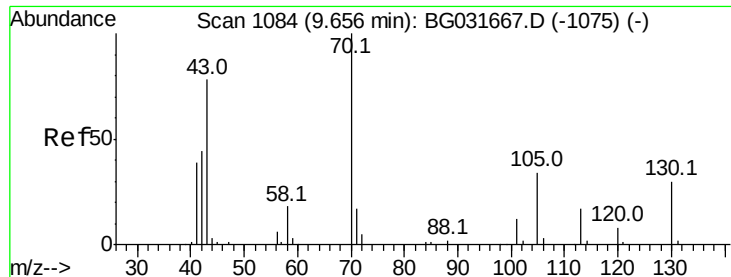
105 89.2 71.3 111.3

106 63.2 64.2 104.2#



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#19

n-Nitroso-di-n-propylamine

Concen: 14.078 ng

RT: 10.00 min Scan# 1143

Delta R.T. 0.35 min

Lab File: BG031819.D

Acq: 28 Dec 2017 5:56

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 37428

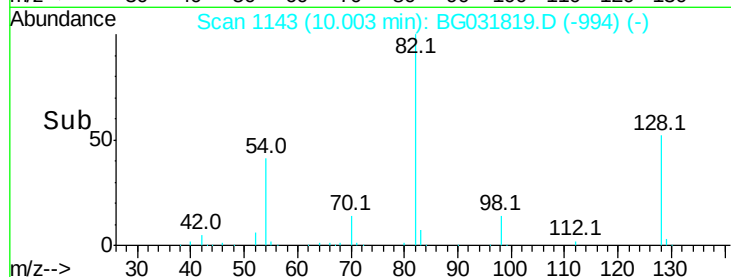
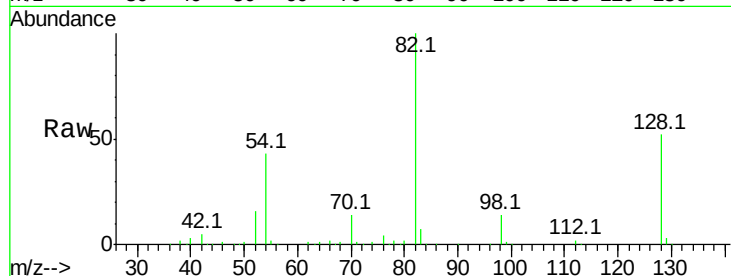
Ion Ratio Lower Upper

70 100

42 36.7 49.1 73.7#

101 0.0 8.5 12.7#

130 2.7 13.4 20.0#

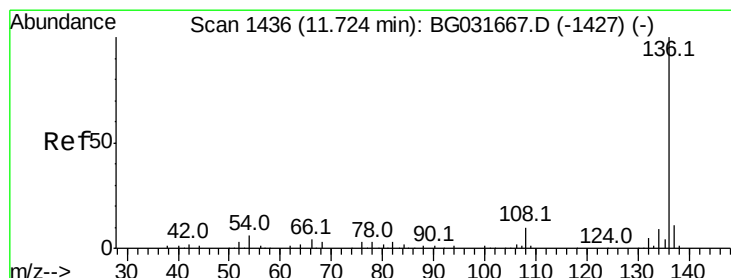
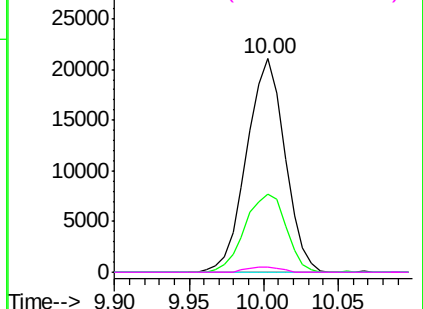


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 11.69 min Scan# 1430

Delta R.T. -0.04 min

Lab File: BG031819.D

Acq: 28 Dec 2017 5:56

Tgt Ion: 136 Resp: 218209

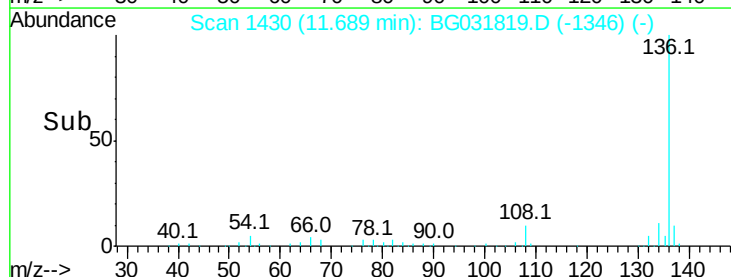
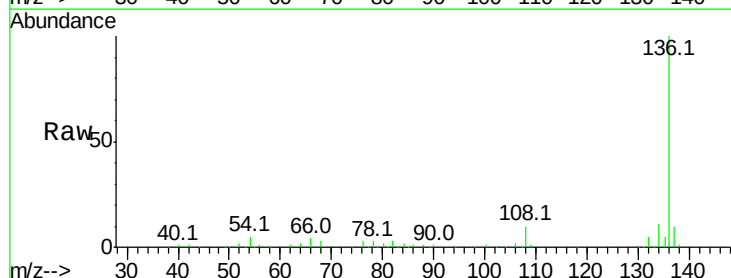
Ion Ratio Lower Upper

136 100

137 10.5 9.2 13.8

54 5.3 10.3 15.5#

68 2.8 4.5 6.7#

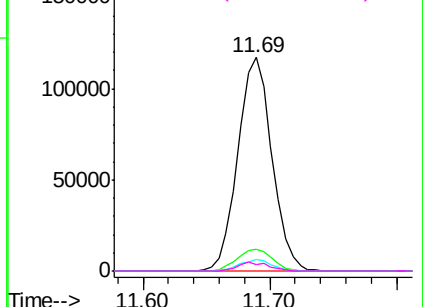


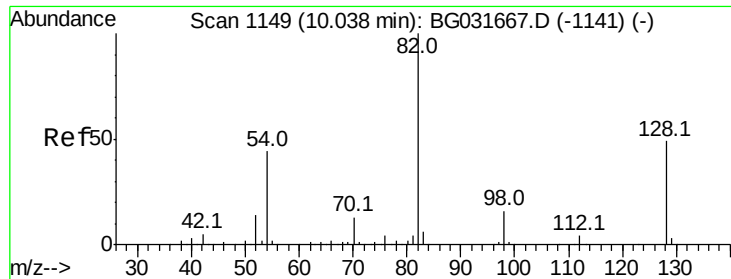
Abundance Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

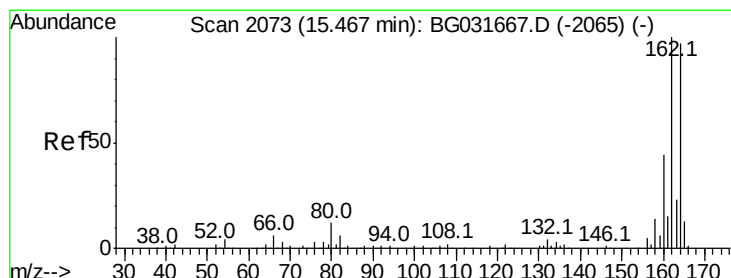
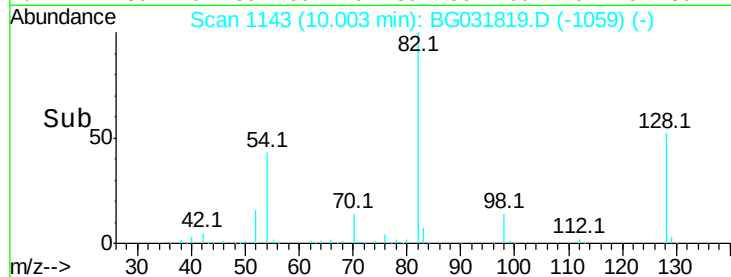
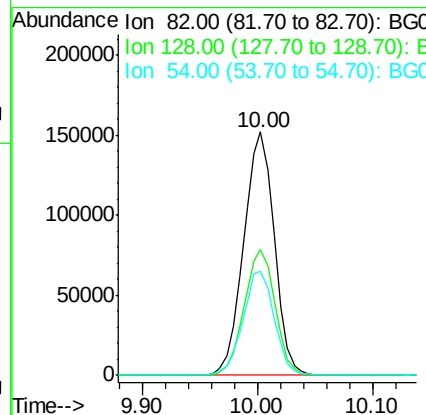
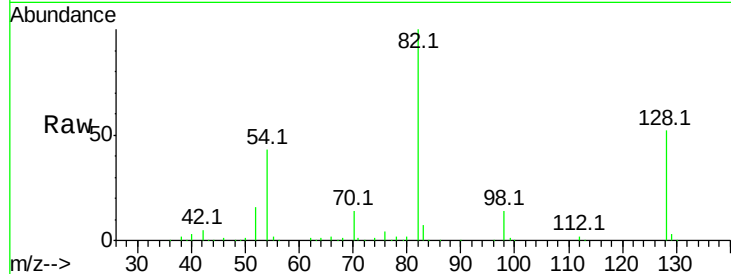




#23
 Nitrobenzene-d5
 Concen: 96.580 ng
 RT: 10.00 min Scan# 1143
 Delta R.T. -0.04 min
 Lab File: BG031819.D
 Acq: 28 Dec 2017 5:56

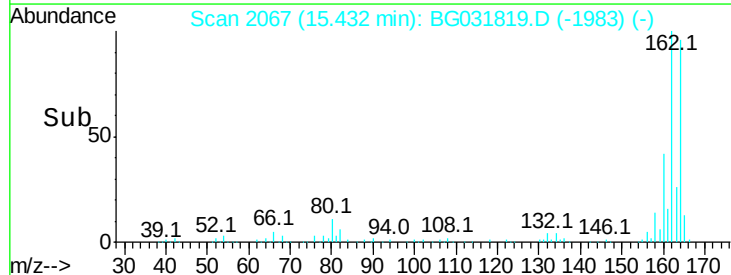
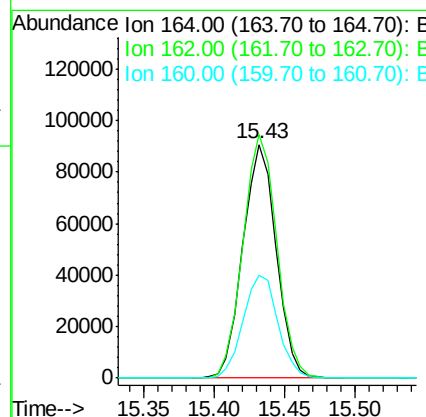
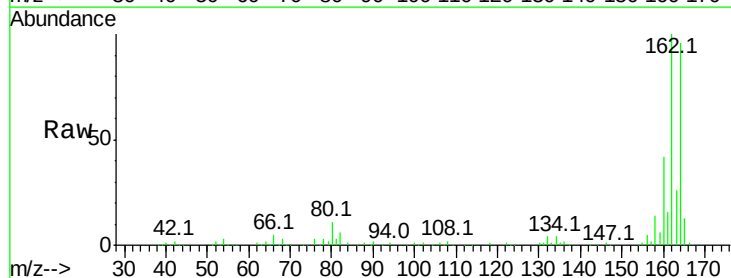
Instrument :
 BNA_G
 ClientSampleId :

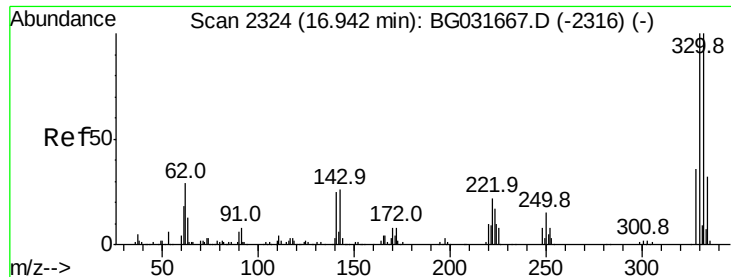
Tot Ion	82	Resp	279089
Ion Ratio	Lower	Upper	
82	100		
128	51.5	29.7	44.5#
54	42.8	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. -0.04 min
 Lab File: BG031819.D
 Acq: 28 Dec 2017 5:56

Tgt Ion	164	Resp	149776
Ion Ratio	Lower	Upper	
164	100		
162	104.2	78.8	118.2
160	44.1	35.4	53.0

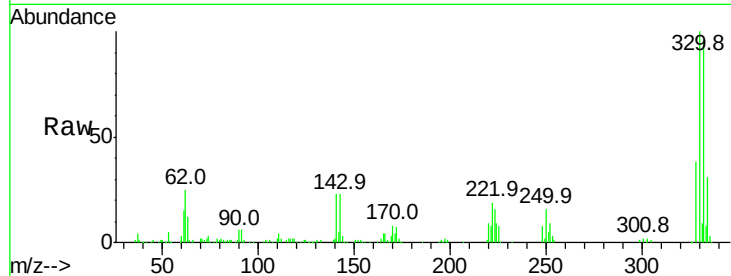




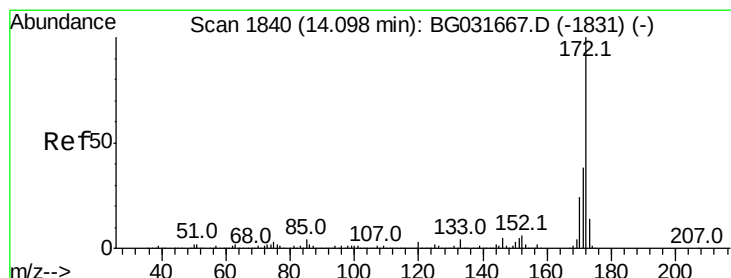
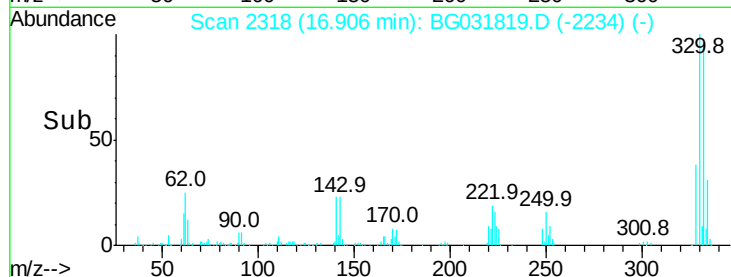
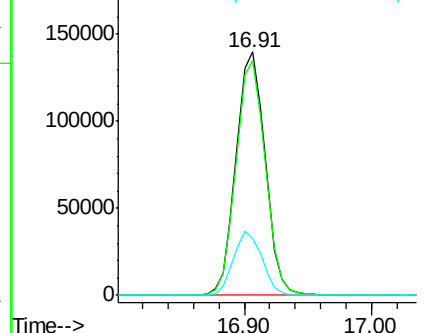
#41
 2,4,6-Tribromophenol
 Concen: 97.045 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.04 min
 Lab File: BG031819.D
 Acq: 28 Dec 2017 5:56

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	25.8	25.2	37.8

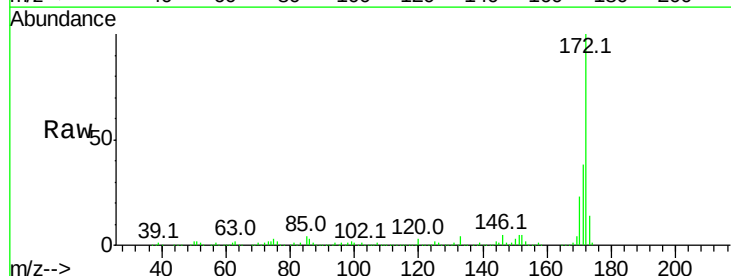


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

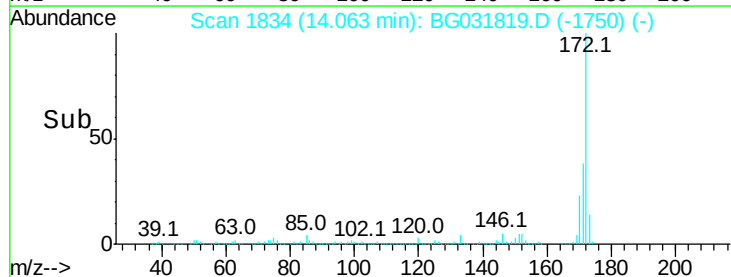
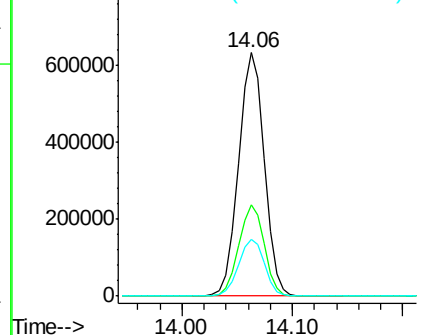


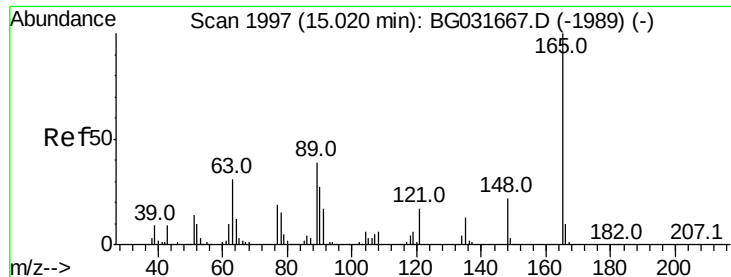
#44
 2-Fluorobiphenyl
 Concen: 86.701 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.04 min
 Lab File: BG031819.D
 Acq: 28 Dec 2017 5:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	23.5	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

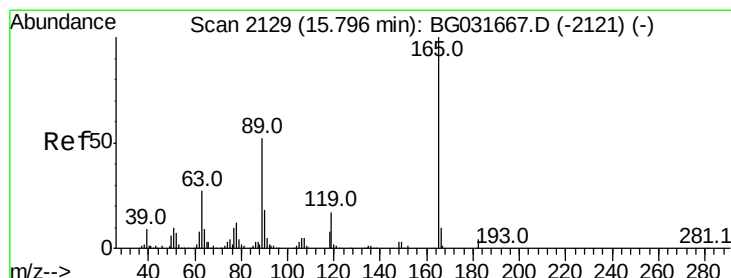
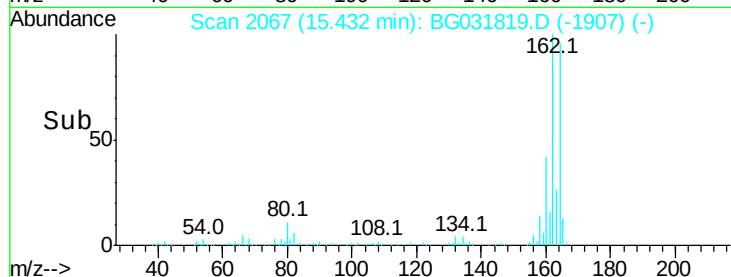
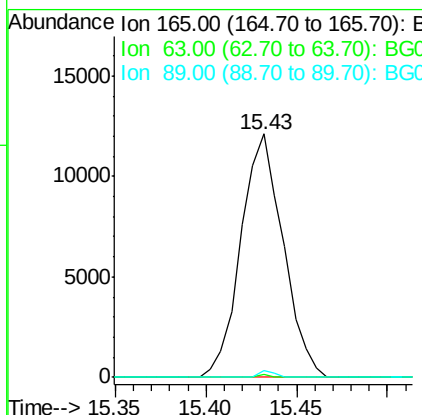
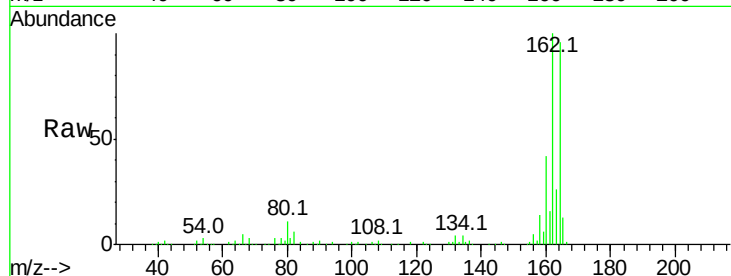




#50
 2,6-Dinitrotoluene
 Concen: 8.076 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. 0.41 min
 Lab File: BG031819.D
 Acq: 28 Dec 2017 5:56

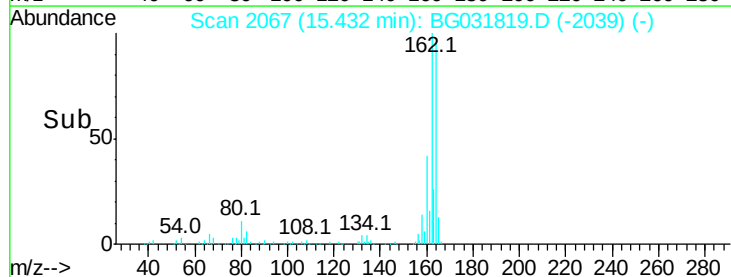
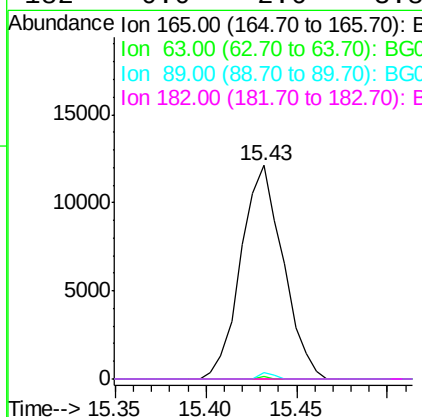
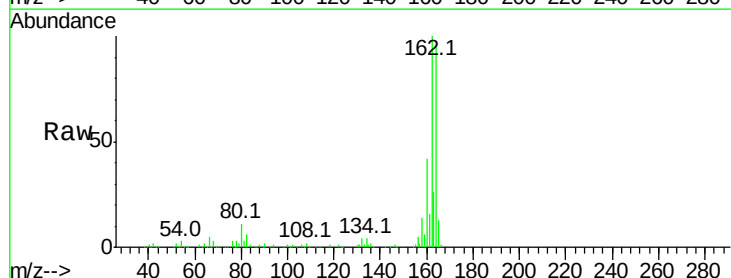
Instrument :
 BNA_G
 ClientSampleId :

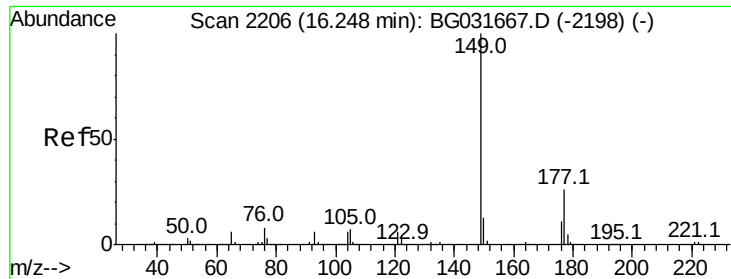
Tot Ion:165 Resp: 19602
 Ion Ratio Lower Upper
 165 100
 63 1.3 52.7 79.1#
 89 2.8 49.2 73.8#



#56
 2,4-Dinitrotoluene
 Concen: 6.280 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. -0.36 min
 Lab File: BG031819.D
 Acq: 28 Dec 2017 5:56

Tgt Ion:165 Resp: 19602
 Ion Ratio Lower Upper
 165 100
 63 1.3 42.0 63.0#
 89 2.8 66.9 100.3#
 182 0.0 2.6 3.8#

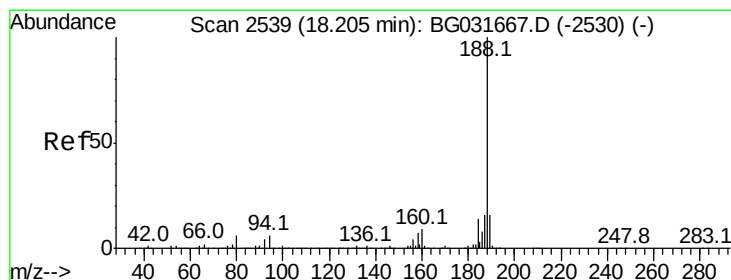
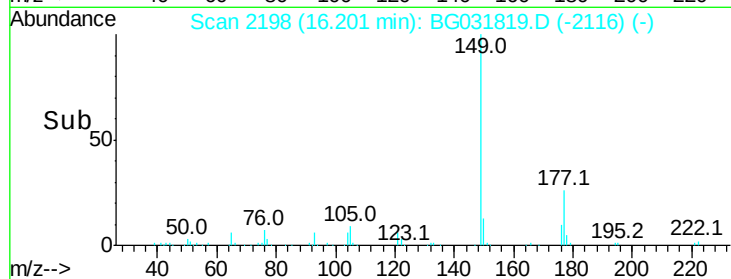
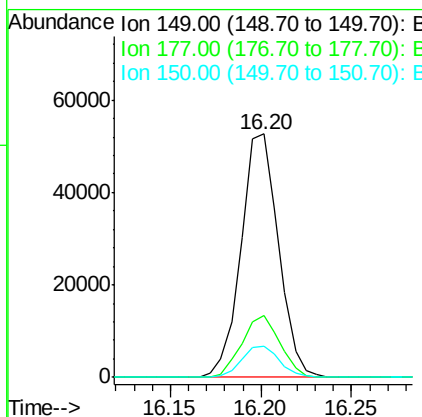
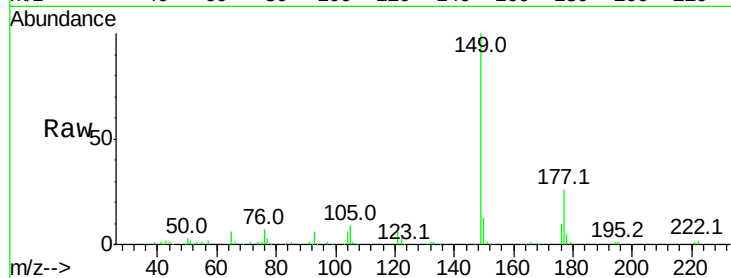




#59
Diethylphthalate
Concen: 5.867 ng
RT: 16.20 min Scan# 2198
Delta R.T. -0.05 min
Lab File: BG031819.D
Acq: 28 Dec 2017 5:56

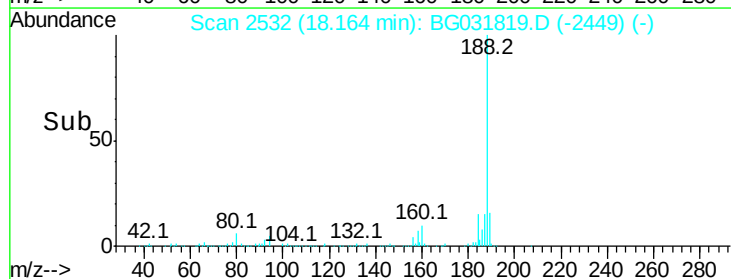
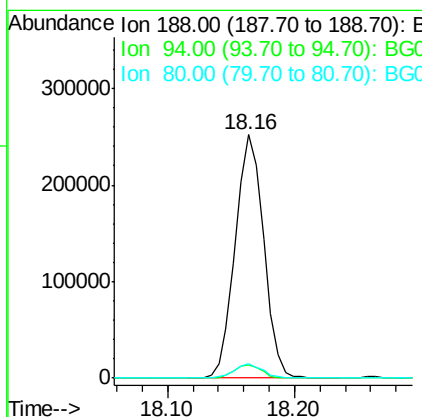
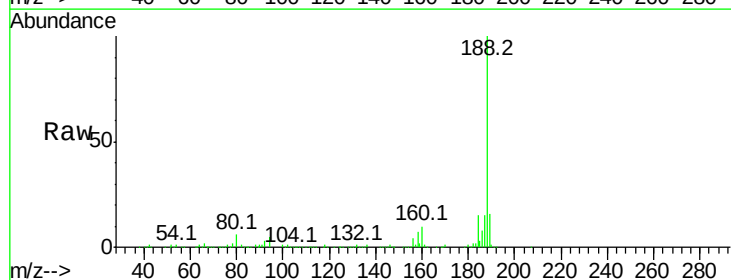
Instrument :
BNA_G
ClientSampleId :

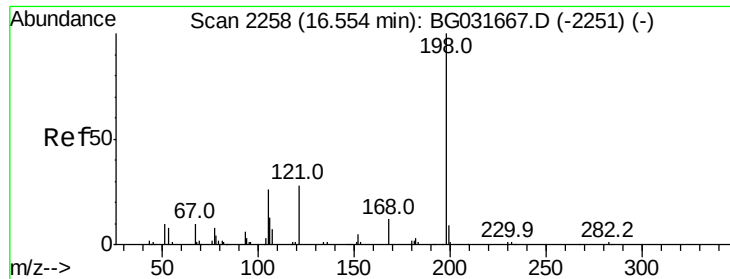
Tot Ion	Ratio	Lower	Upper
149	100		
177	25.7	18.5	27.7
150	12.7	10.2	15.2



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031819.D
Acq: 28 Dec 2017 5:56

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.2	6.9	10.3#
80	6.0	7.7	11.5#

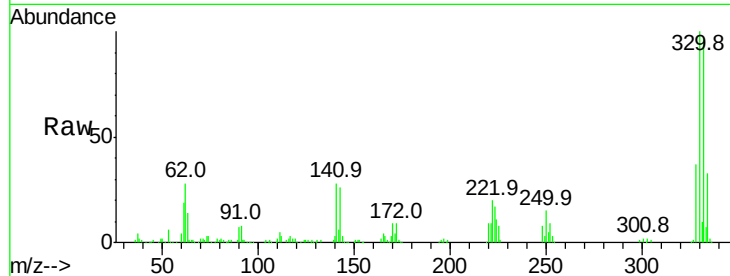




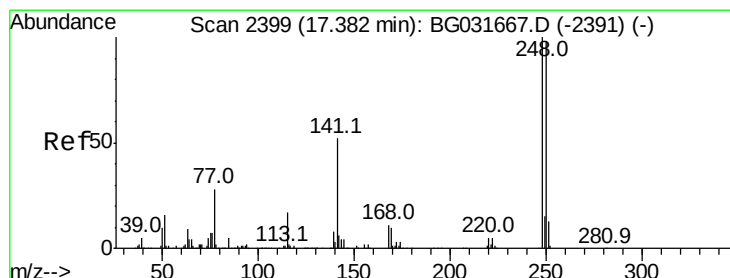
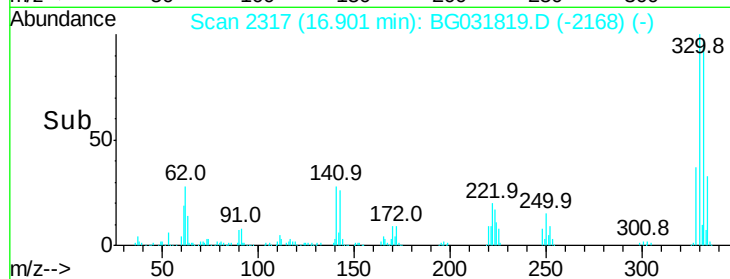
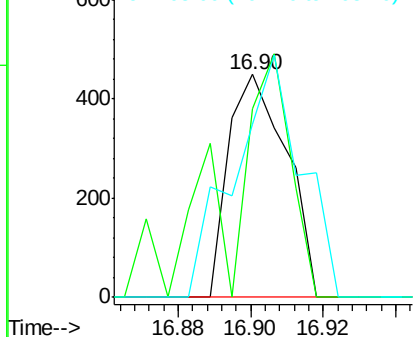
#64
4,6-Dinitro-2-methylphenol
Concen: 8.522 ng
RT: 16.90 min Scan# 2317
Delta R.T. 0.35 min
Lab File: BG031819.D
Acq: 28 Dec 2017 5:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion:198 Resp: 498
Ion Ratio Lower Upper
198 100
51 84.6 30.6 70.6#
105 77.7 23.8 63.8#

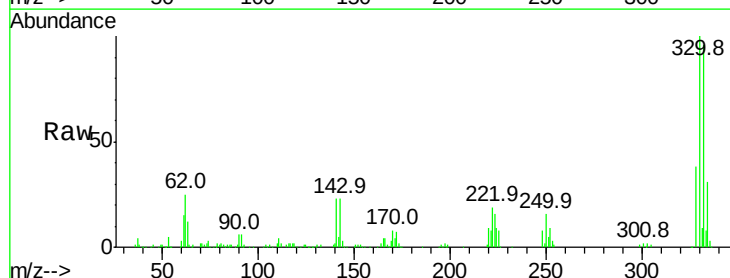


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BG0
Ion 105.00 (104.70 to 105.70): E

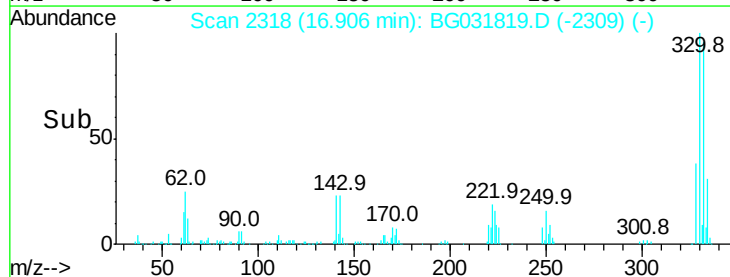
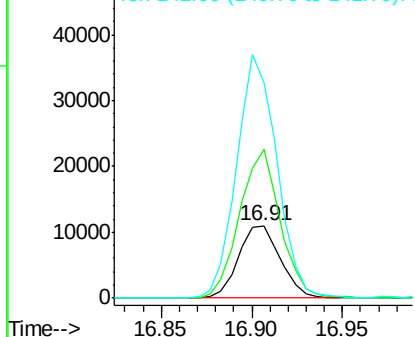


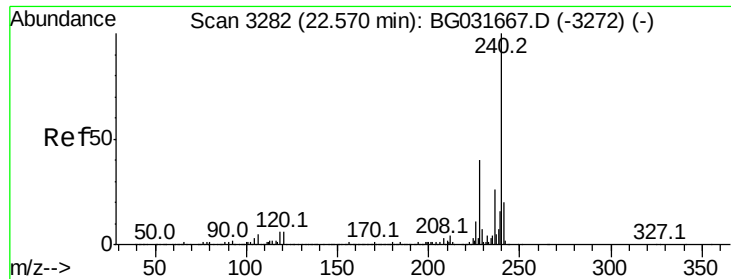
#66
4-Bromophenyl-phenylether
Concen: 3.130 ng
RT: 16.91 min Scan# 2318
Delta R.T. -0.48 min
Lab File: BG031819.D
Acq: 28 Dec 2017 5:56

Tgt Ion:248 Resp: 17734
Ion Ratio Lower Upper
248 100
250 206.5 77.1 115.7#
141 299.2 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: 22.51 min Scan# 3272

Delta R.T. -0.06 min

Lab File: BG031819.D

Acq: 28 Dec 2017 5:56

Instrument :

BNA_G

ClientSampleId :

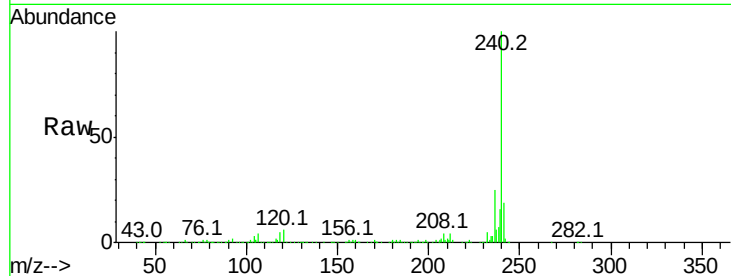
Tot Ion:240 Resp: 469567

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

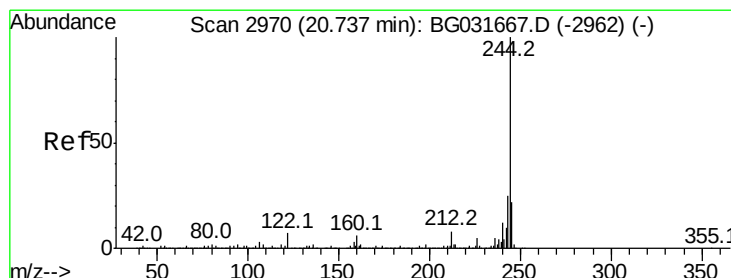
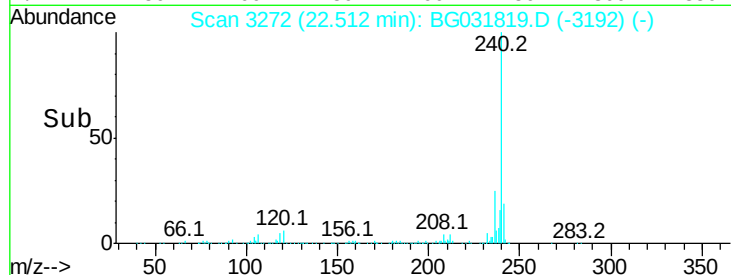
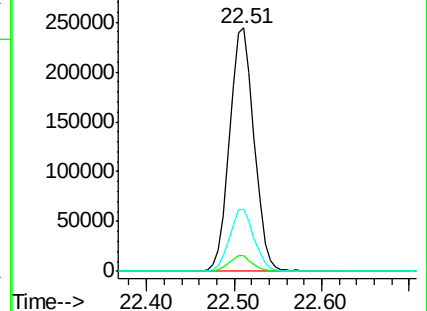
236 25.5 20.9 31.3



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



#78

Terphenyl-d14

Concen: 82.531 ng

RT: 20.70 min Scan# 2963

Delta R.T. -0.04 min

Lab File: BG031819.D

Acq: 28 Dec 2017 5:56

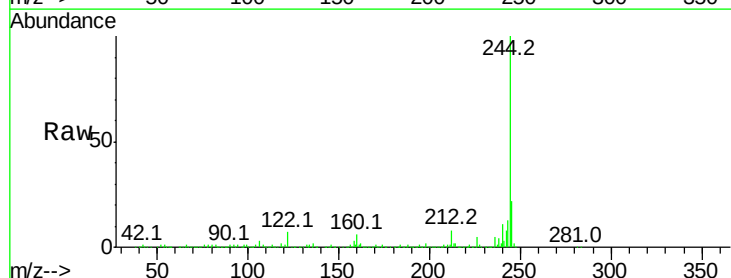
Tgt Ion:244 Resp: 1696267

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

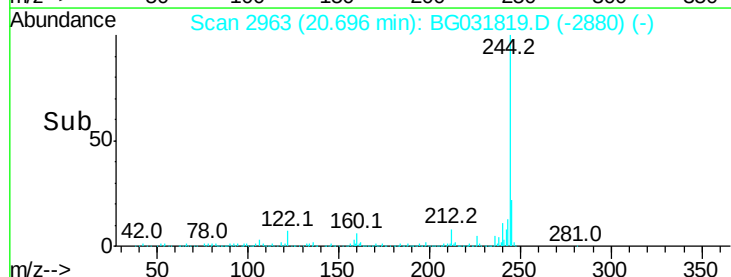
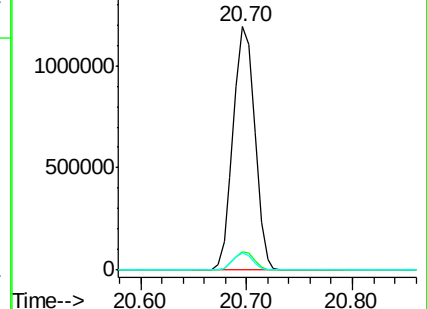
122 7.0 7.0 10.4

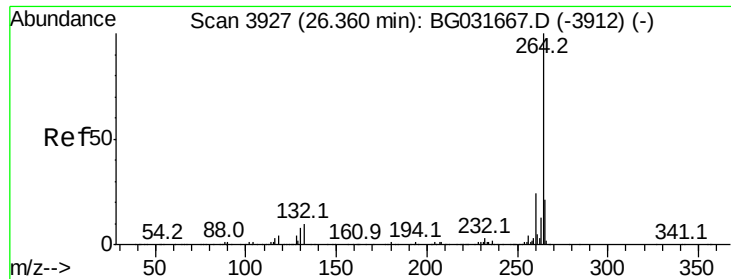


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.26 min Scan# 3910
Delta R.T. -0.10 min
Lab File: BG031819.D
Acq: 28 Dec 2017 5:56

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.6	17.7	26.5

