

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121217\
 Data File : BG031517.D
 Acq On : 13 Dec 2017 7:26
 Operator : SJ/JU
 Sample : I6763-11
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 120517-FOPI-F-D-B

Quant Time: Dec 13 08:14:14 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

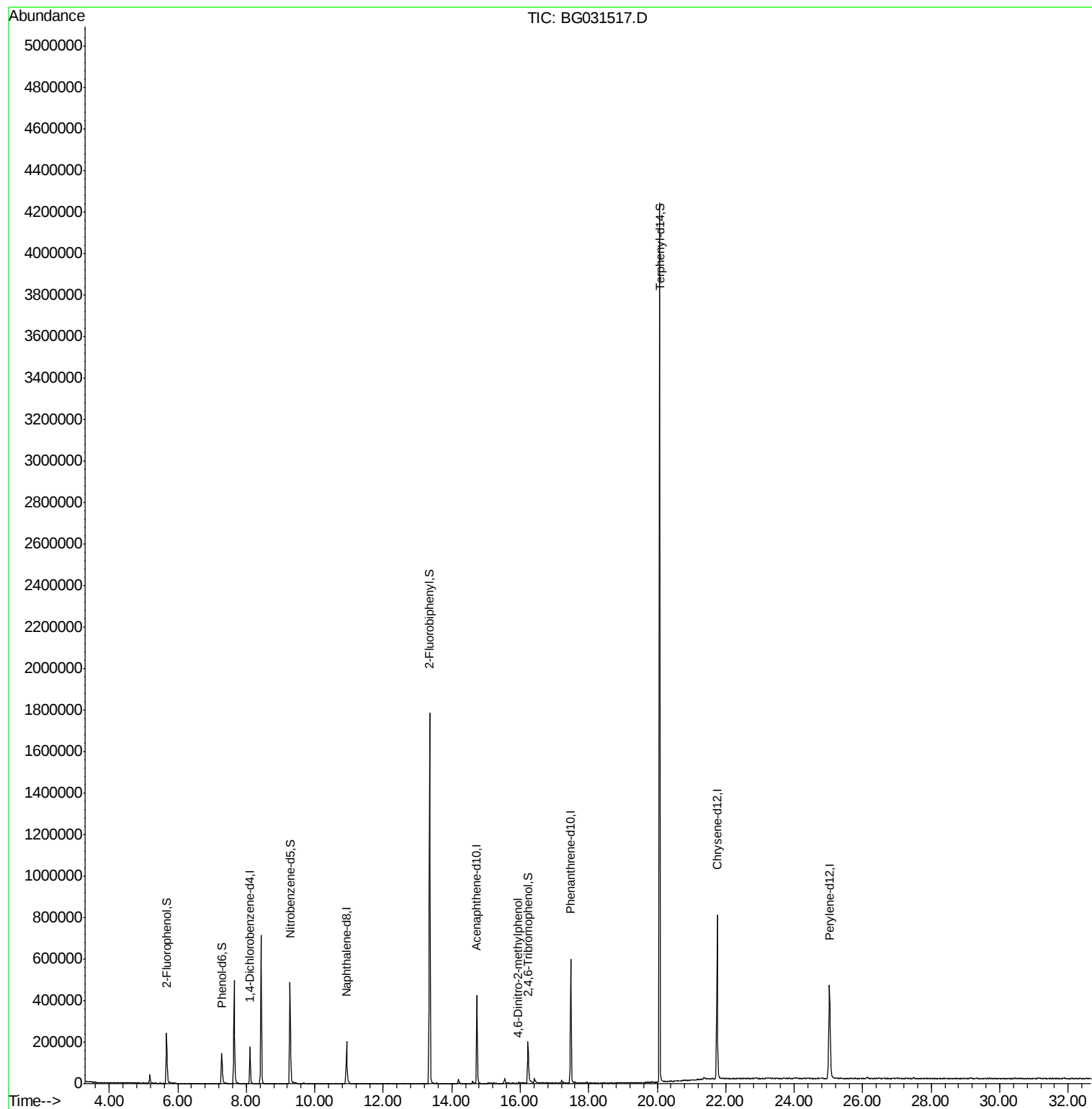
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	55783	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	234562	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	161551	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	431455	20.00	ng	0.00
75) Chrysene-d12	21.75	240	549629	20.00	ng	0.00
86) Perylene-d12	25.03	264	536088	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	141706	45.03	ng	0.00
7) Phenol-d6	7.28	99	113599	26.00	ng	0.01
23) Nitrobenzene-d5	9.28	82	340972	89.60	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	56351	29.77	ng	0.00
44) 2-Fluorobiphenyl	13.35	172	1044541	94.91	ng	0.00
78) Terphenyl-d14	20.07	244	1868678	77.35	ng	0.00
Target Compounds						
64) 4,6-Dinitro-2-methylphenol	15.94	198	68	4.93	ng	Qvalue # 29

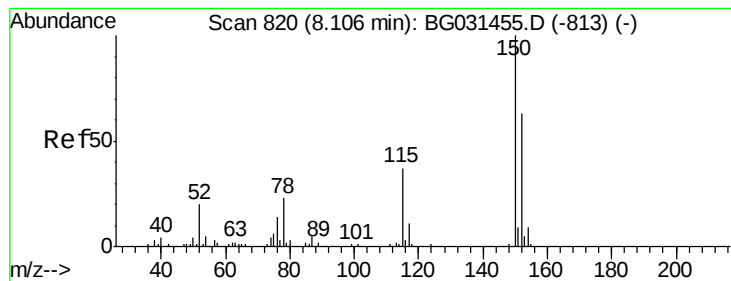
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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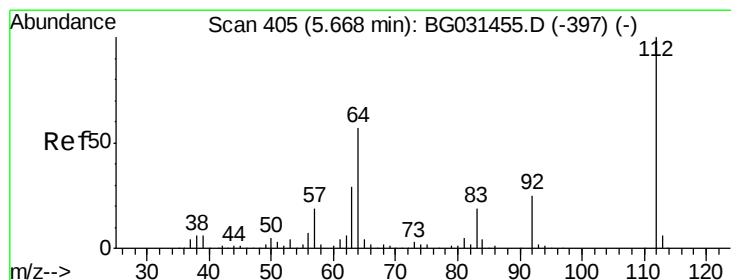
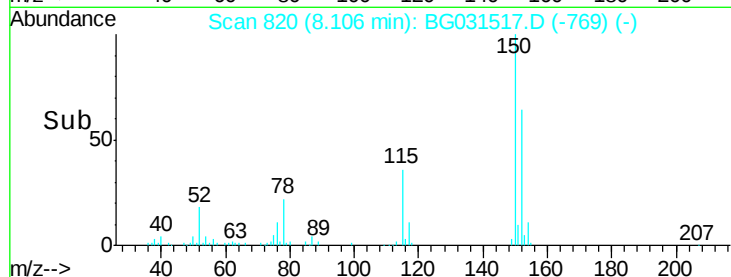
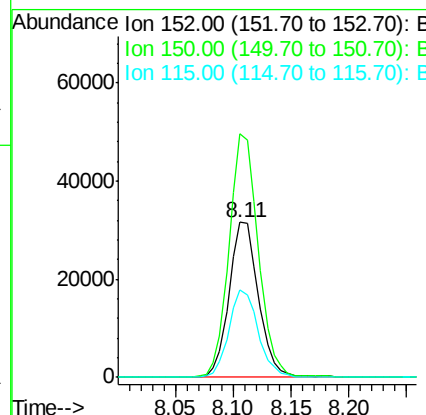
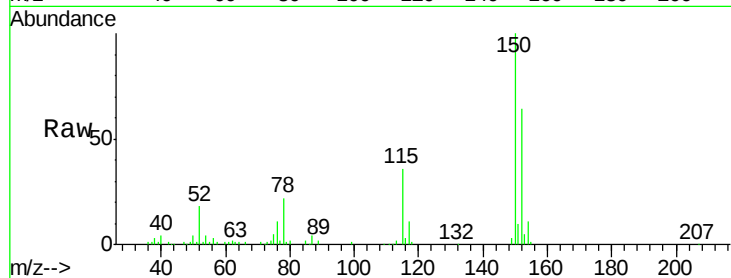




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BG031517.D
 Acq: 13 Dec 2017 7:26

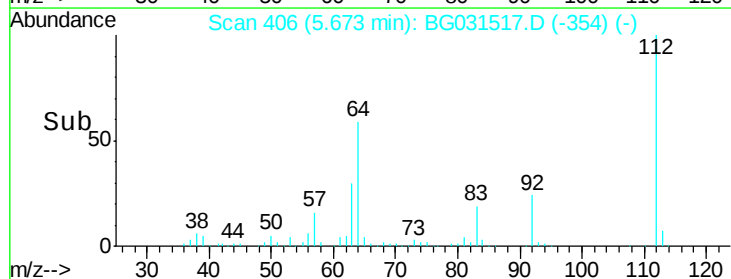
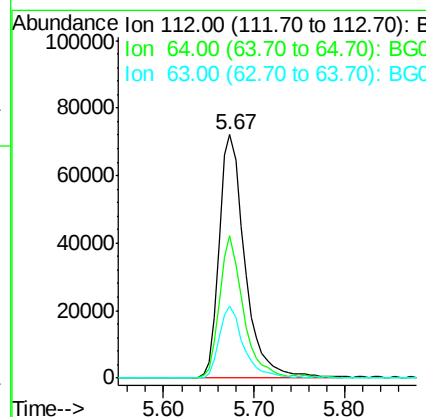
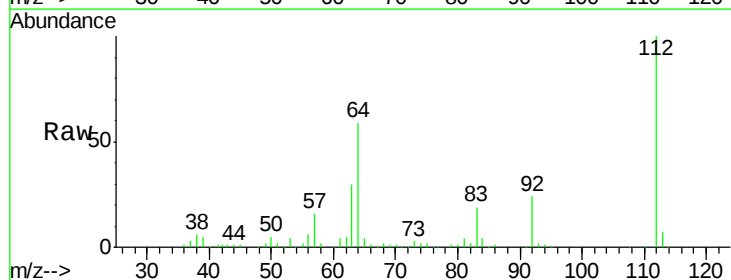
Instrument :
 BNA_G
 ClientSampleId :
 120517-FOPI-F-D-B

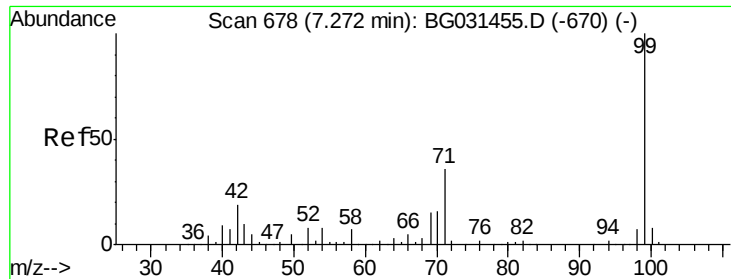
Tot Ion:152 Resp: 55783
 Ion Ratio Lower Upper
 152 100
 150 157.1 126.6 189.8
 115 56.1 53.0 79.4



#5
 2-Fluorophenol
 Concen: 45.03 ng
 RT: 5.67 min Scan# 406
 Delta R.T. 0.01 min
 Lab File: BG031517.D
 Acq: 13 Dec 2017 7:26

Tgt Ion:112 Resp: 141706
 Ion Ratio Lower Upper
 112 100
 64 58.5 56.3 84.5
 63 29.6 30.1 45.1#





#7

Phenol-d6

Concen: 26.00 ng

RT: 7.28 min Scan# 680

Delta R.T. 0.01 min

Lab File: BG031517.D

Acq: 13 Dec 2017 7:26

Instrument :

BNA_G

ClientSampleId :

120517-FOPI-F-D-B

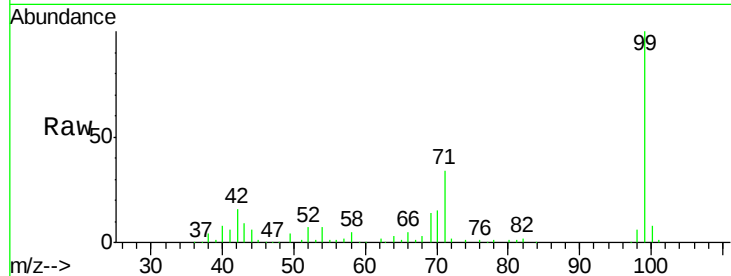
Tot Ion: 99 Resp: 113599

Ion Ratio Lower Upper

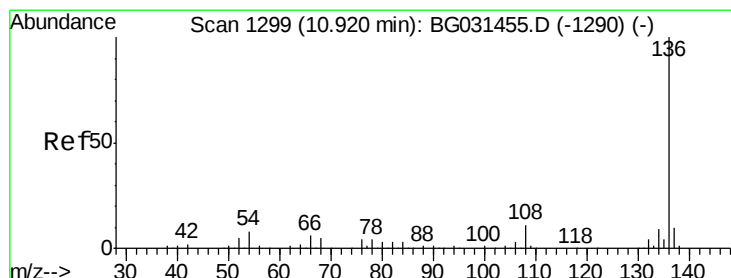
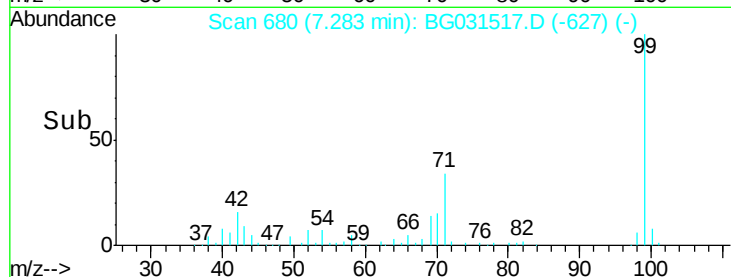
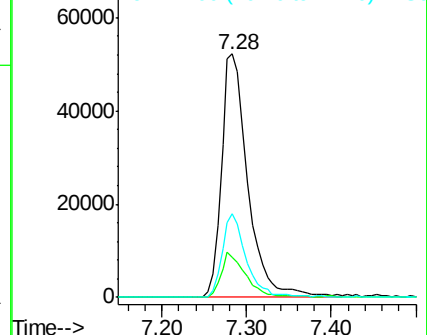
99 100

42 16.4 14.1 21.1

71 34.2 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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.93 min Scan# 1300

Delta R.T. 0.01 min

Lab File: BG031517.D

Acq: 13 Dec 2017 7:26

Tgt Ion: 136 Resp: 234562

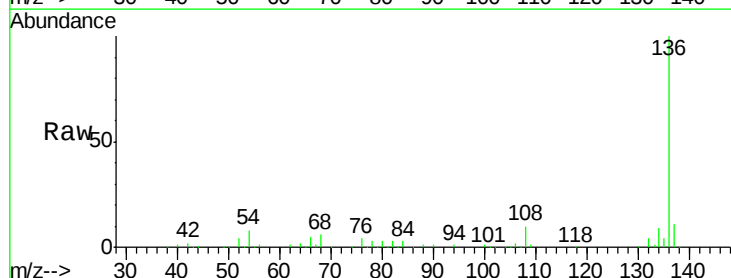
Ion Ratio Lower Upper

136 100

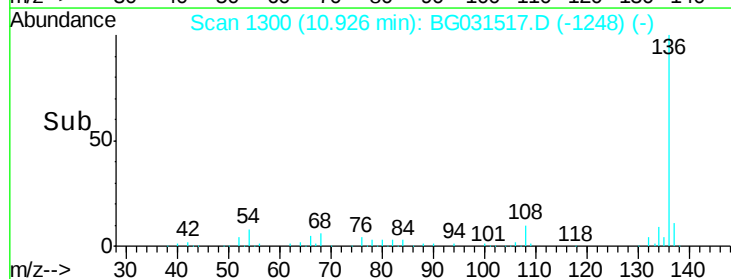
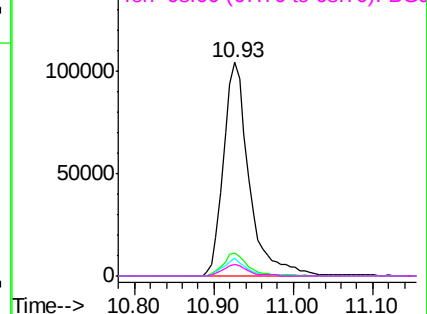
137 11.1 9.2 13.8

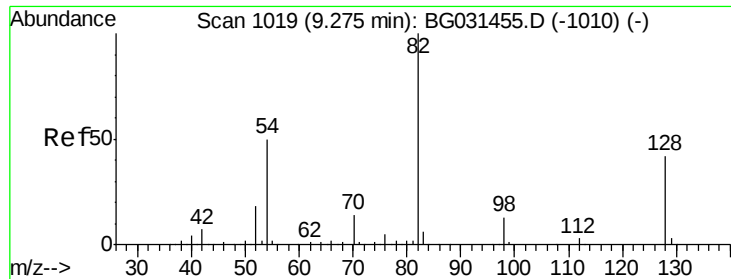
54 8.1 10.3 15.5#

68 5.5 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

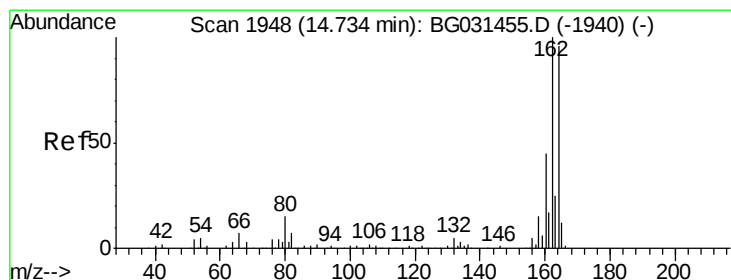
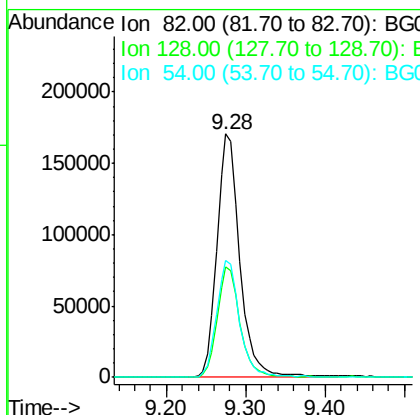
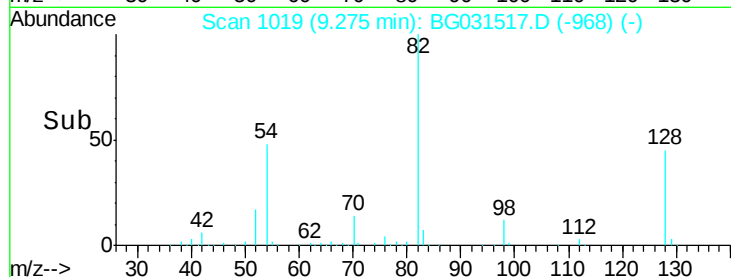
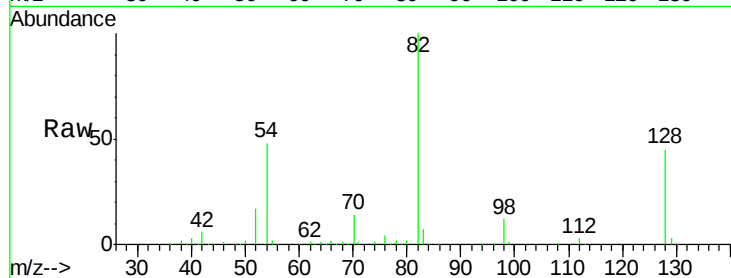




#23
 Nitrobenzene-d5
 Concen: 89.60 ng
 RT: 9.28 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG031517.D
 Acq: 13 Dec 2017 7:26

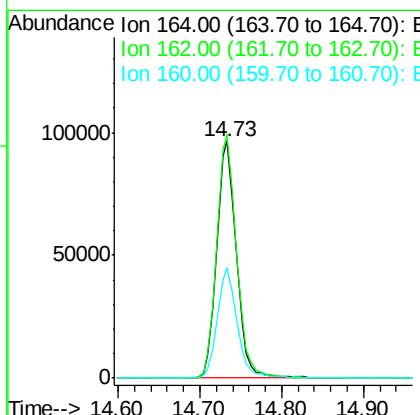
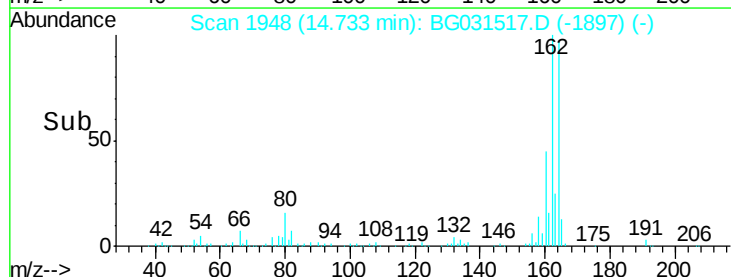
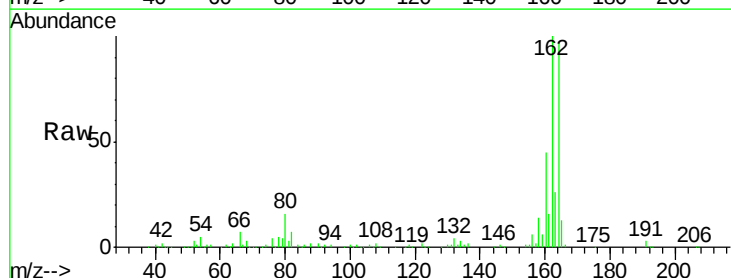
Instrument :
 BNA_G
 ClientSampleId :
 120517-FOPI-F-D-B

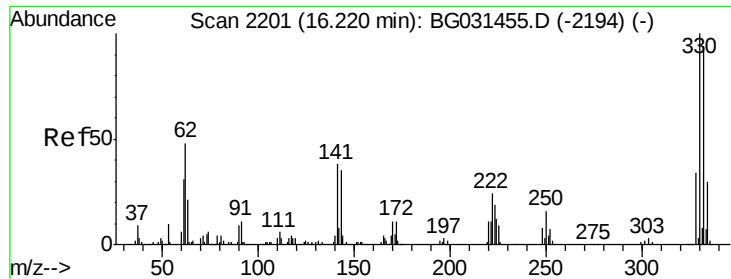
Tot Ion: 82 Resp: 340972
 Ion Ratio Lower Upper
 82 100
 128 45.3 29.7 44.5#
 54 47.9 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 1948
 Delta R.T. -0.00 min
 Lab File: BG031517.D
 Acq: 13 Dec 2017 7:26

Tgt Ion:164 Resp: 161551
 Ion Ratio Lower Upper
 164 100
 162 102.7 78.8 118.2
 160 46.6 35.4 53.0

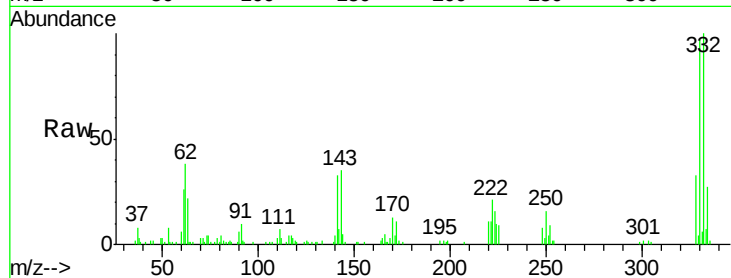




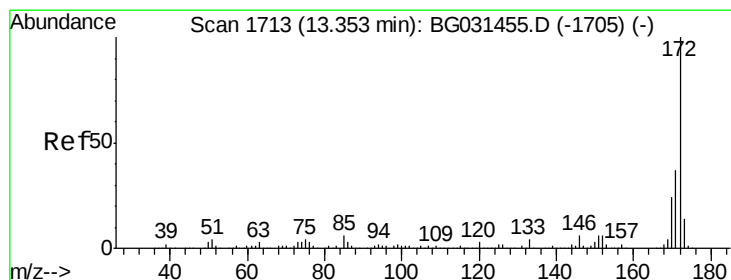
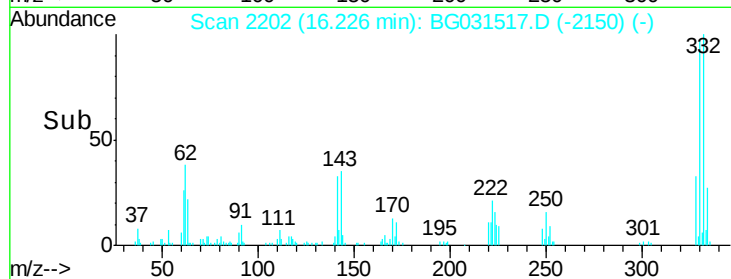
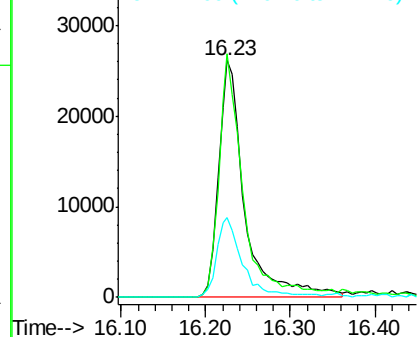
#41
 2,4,6-Tribromophenol
 Concen: 29.77 ng
 RT: 16.23 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: BG031517.D
 Acq: 13 Dec 2017 7:26

Instrument :
 BNA_G
 ClientSampleId :
 120517-FOPI-F-D-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	32.8	25.2	37.8

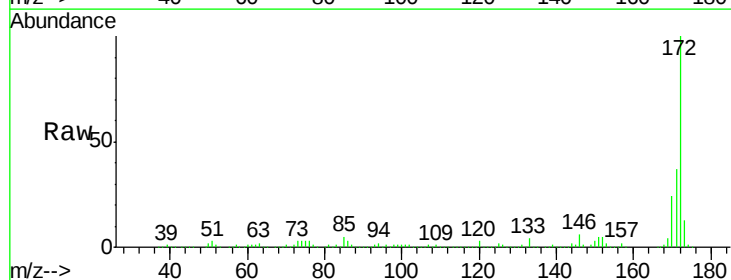


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

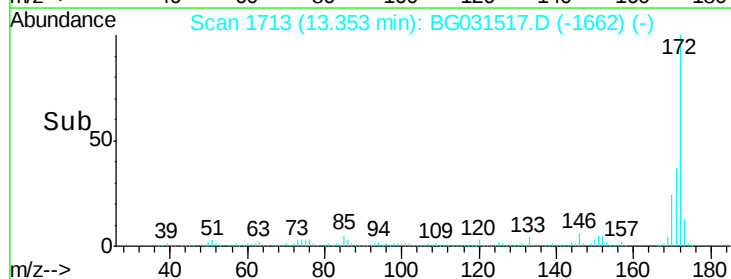
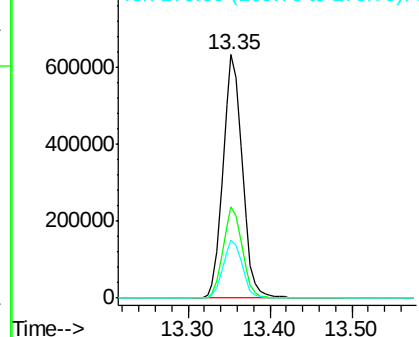


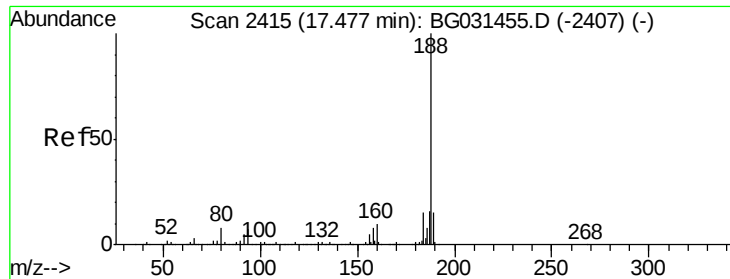
#44
 2-Fluorobiphenyl
 Concen: 94.91 ng
 RT: 13.35 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BG031517.D
 Acq: 13 Dec 2017 7:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	30.0	45.0
170	23.8	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

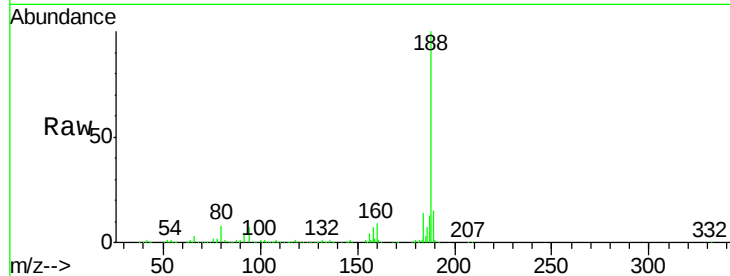




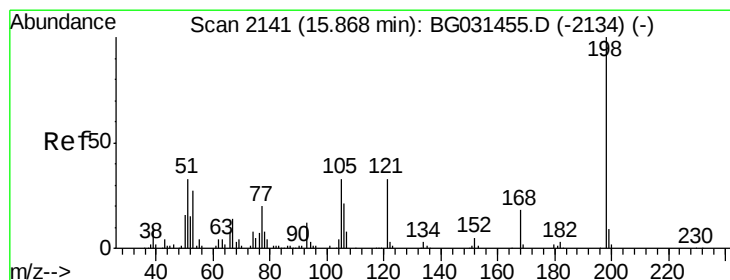
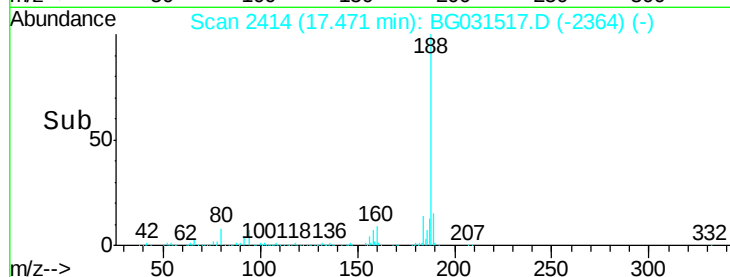
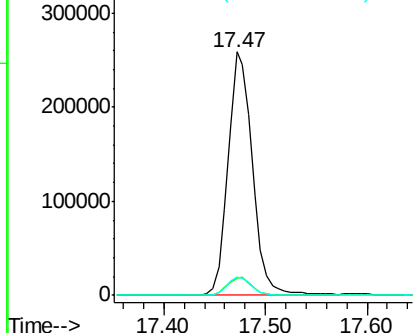
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BG031517.D
Acq: 13 Dec 2017 7:26

Instrument :
BNA_G
ClientSampleId :
120517-FOPI-F-D-B

Tot Ion	Ratio	Lower	Upper
188	100		
94	7.1	6.9	10.3
80	7.6	7.7	11.5#

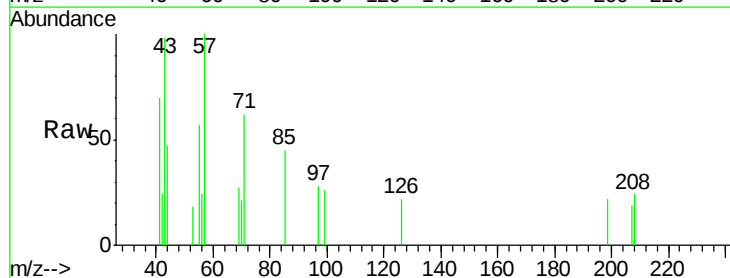


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

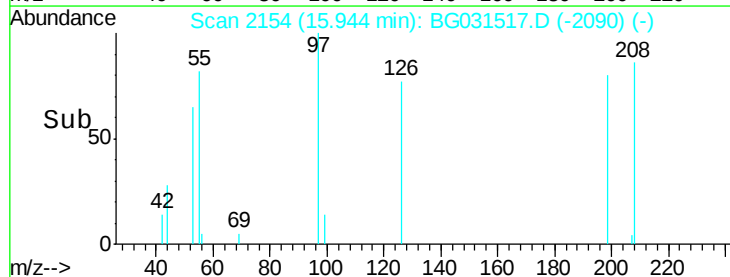
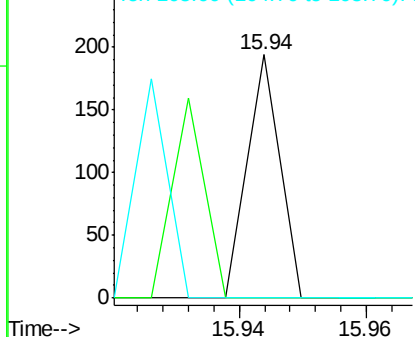


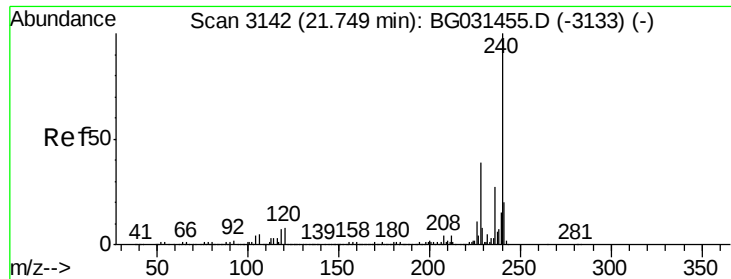
#64
4,6-Dinitro-2-methylphenol
Concen: 4.93 ng
RT: 15.94 min Scan# 2154
Delta R.T. 0.08 min
Lab File: BG031517.D
Acq: 13 Dec 2017 7:26

Tgt Ion	Ratio	Lower	Upper
198	100		
51	0.0	30.6	70.6#
105	0.0	23.8	63.8#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.75 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG031517.D

Acq: 13 Dec 2017 7:26

Instrument :

BNA_G

ClientSampleId :

120517-FOPI-F-D-B

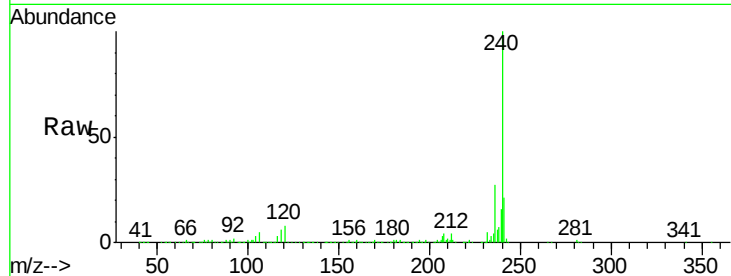
Tot Ion:240 Resp: 549629

Ion Ratio Lower Upper

240 100

120 7.7 6.8 10.2

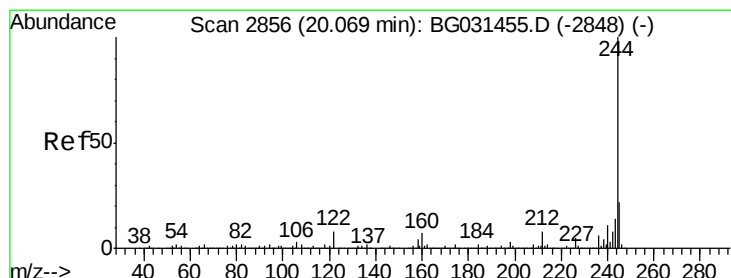
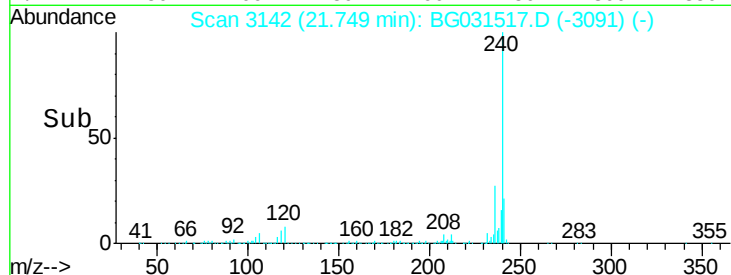
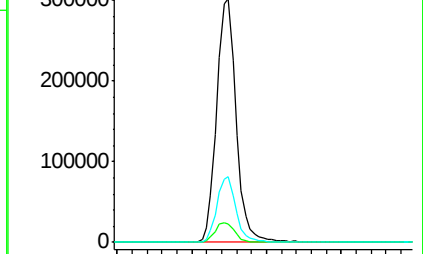
236 26.9 20.9 31.3



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: 77.35 ng

RT: 20.07 min Scan# 2856

Delta R.T. -0.00 min

Lab File: BG031517.D

Acq: 13 Dec 2017 7:26

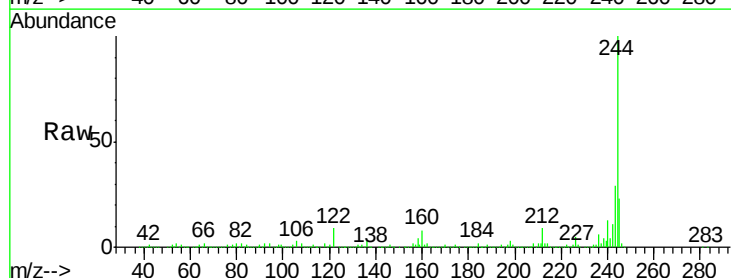
Tgt Ion:244 Resp: 1868678

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

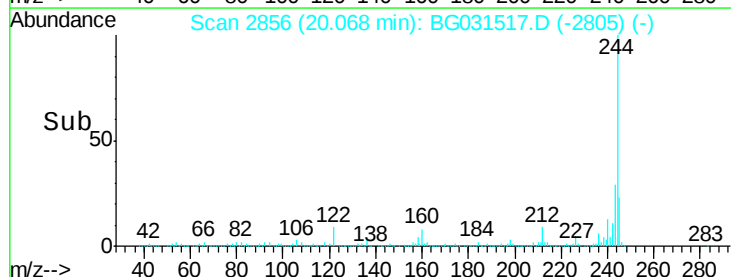
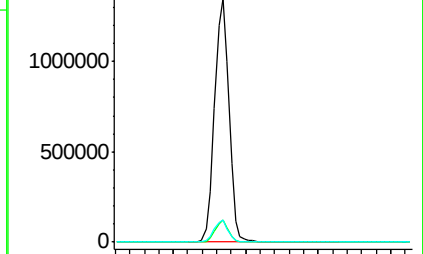
122 9.0 7.0 10.4

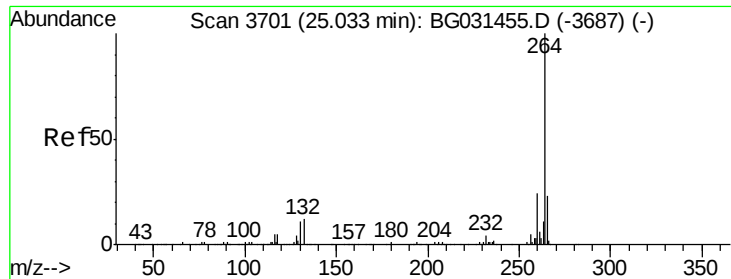


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

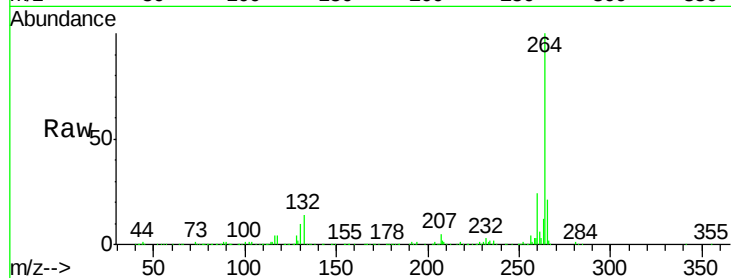




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.03 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BG031517.D
Acq: 13 Dec 2017 7:26

Instrument :
BNA_G
ClientSampleId :
120517-FOPI-F-D-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	21.3	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

