

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022318\
 Data File : BG032798.D
 Acq On : 23 Feb 2018 20:11
 Operator : SJ/JU
 Sample : J1632-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EFF-180220-01

Quant Time: Feb 23 22:02:16 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 17:04:54 2018
 Response via : Initial Calibration

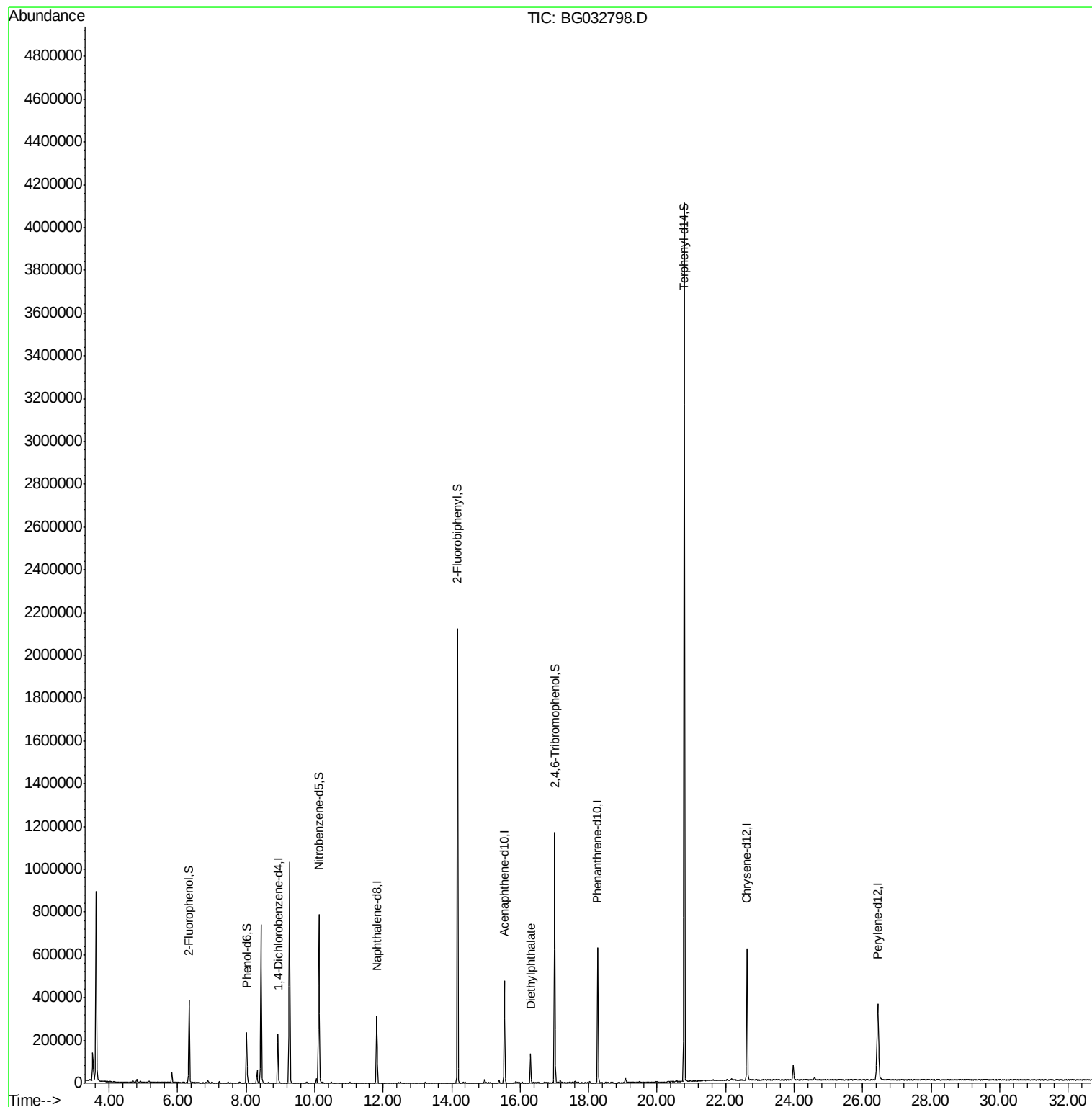
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	66966	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	291044	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	162825	20.00	ng	0.00
63) Phenanthrene-d10	18.27	188	398506	20.00	ng	0.00
75) Chrysene-d12	22.63	240	411508	20.00	ng	0.00
86) Perylene-d12	26.44	264	437291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	189948	45.38	ng	0.00
7) Phenol-d6	8.01	99	151549	25.98	ng	0.00
23) Nitrobenzene-d5	10.12	82	495425	114.26	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	206778	120.78	ng	0.00
44) 2-Fluorobiphenyl	14.18	172	1146048	101.51	ng	0.00
78) Terphenyl-d14	20.79	244	1780767	97.23	ng	0.00
Target Compounds						
59) Diethylphthalate	16.30	149	80535	5.52	ng	Qvalue 99

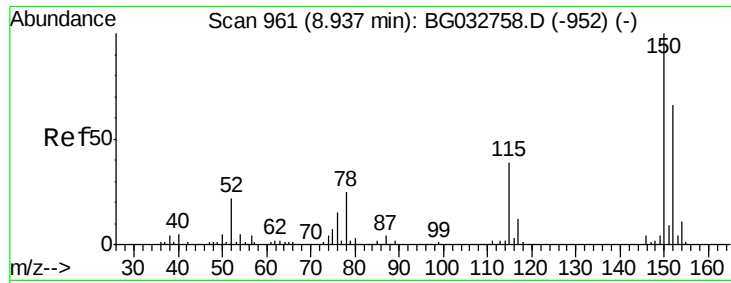
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
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QLast Update : Fri Feb 23 17:04:54 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.92 min Scan# 959

Delta R.T. -0.00 min

Lab File: BG032798.D

Acq: 23 Feb 2018 20:11

Instrument :

BNA_G

ClientSampleId :

EFF-180220-01

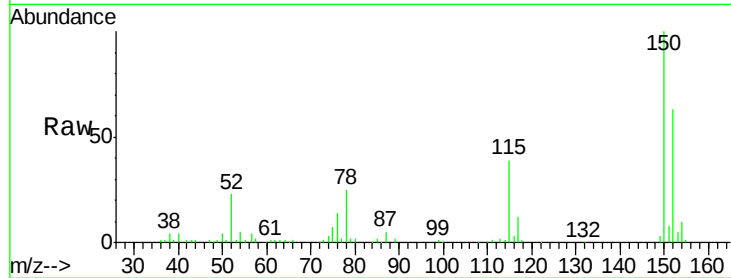
Tot Ion:152 Resp: 66966

Ion Ratio Lower Upper

152 100

150 159.0 126.6 189.8

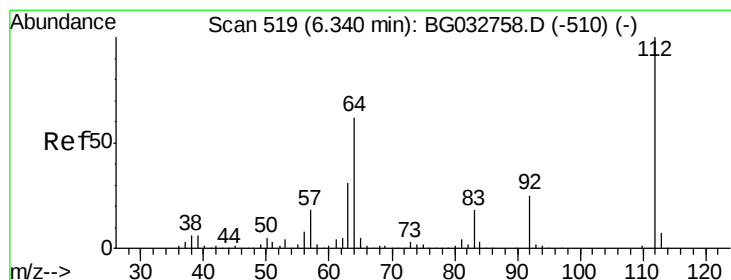
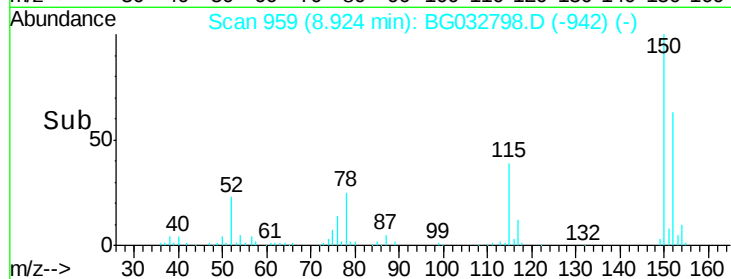
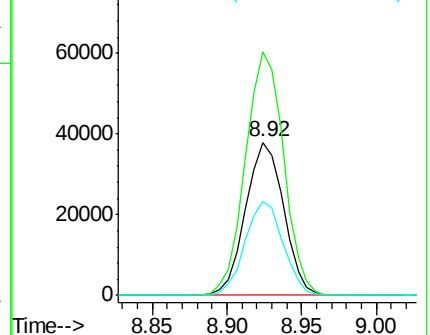
115 61.2 53.0 79.4



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: 45.38 ng

RT: 6.33 min Scan# 518

Delta R.T. -0.00 min

Lab File: BG032798.D

Acq: 23 Feb 2018 20:11

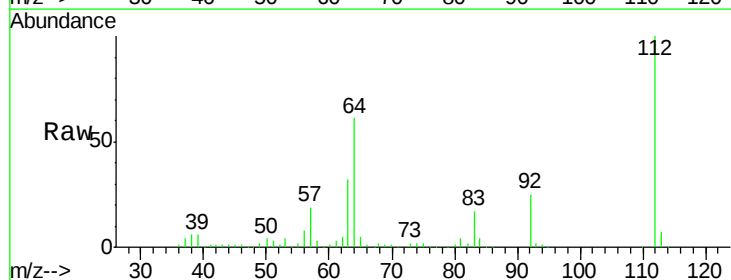
Tgt Ion:112 Resp: 189948

Ion Ratio Lower Upper

112 100

64 61.2 56.3 84.5

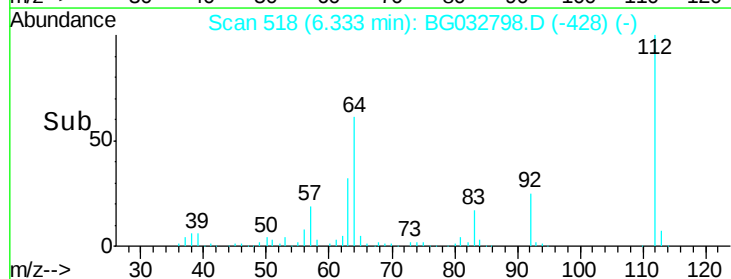
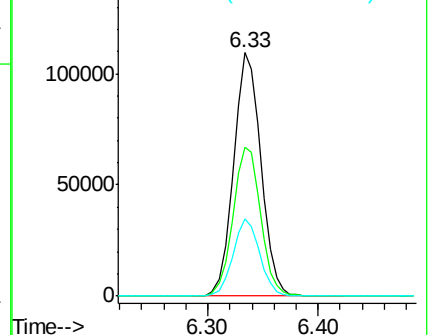
63 31.8 30.1 45.1



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: 25.98 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG032798.D

Acq: 23 Feb 2018 20:11

Instrument :

BNA_G

ClientSampleId :

EFF-180220-01

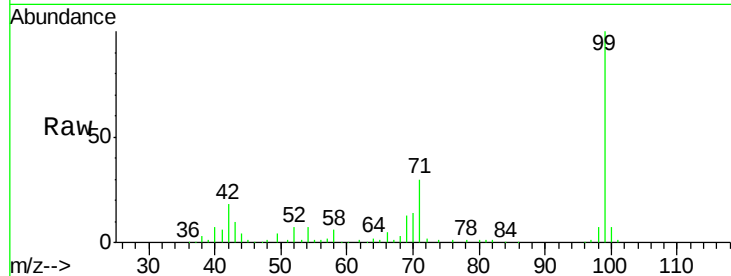
Tot Ion: 99 Resp: 151549

Ion Ratio Lower Upper

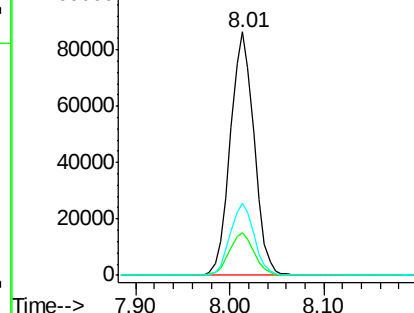
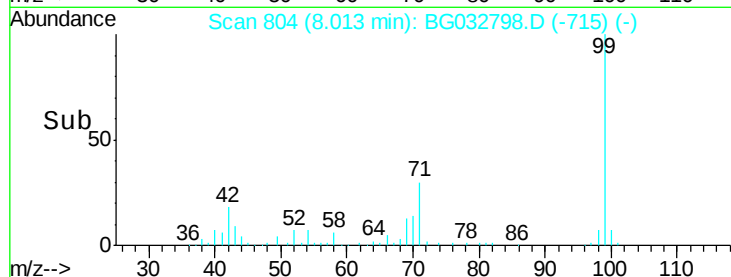
99 100

42 17.6 14.1 21.1

71 29.6 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: 11.81 min Scan# 1451

Delta R.T. -0.00 min

Lab File: BG032798.D

Acq: 23 Feb 2018 20:11

Tgt Ion: 136 Resp: 291044

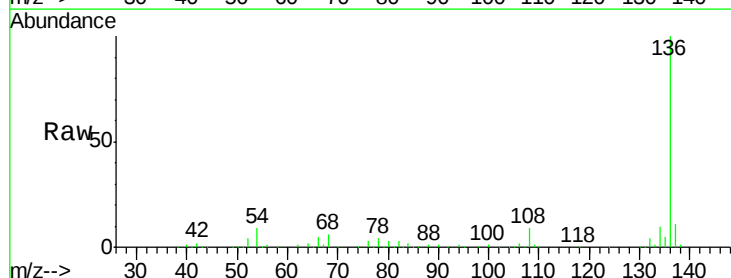
Ion Ratio Lower Upper

136 100

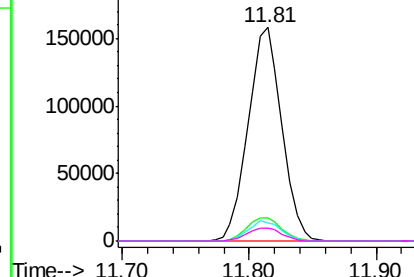
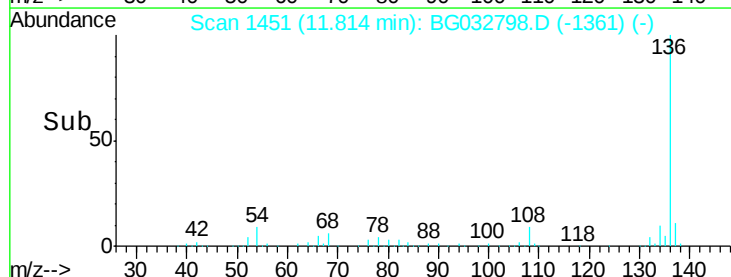
137 10.8 9.2 13.8

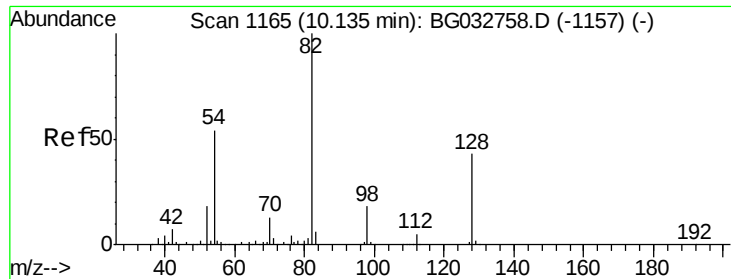
54 8.6 10.3 15.5#

68 6.1 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

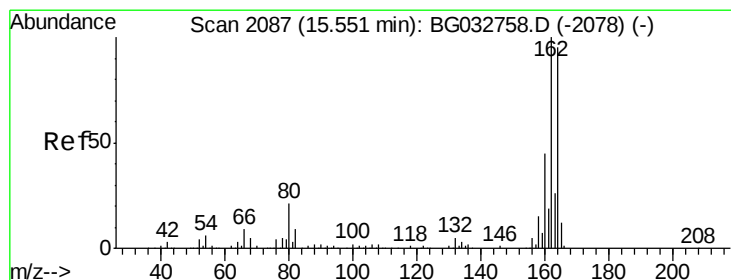
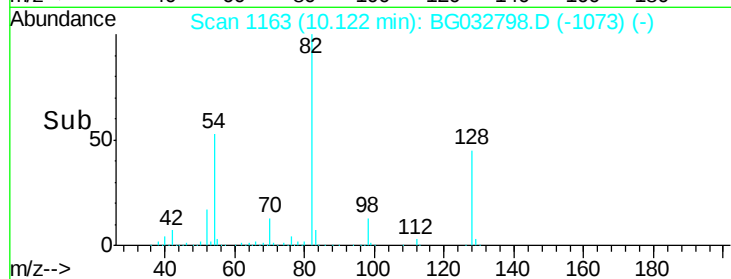
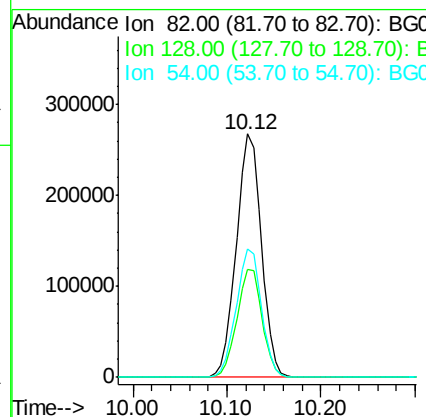
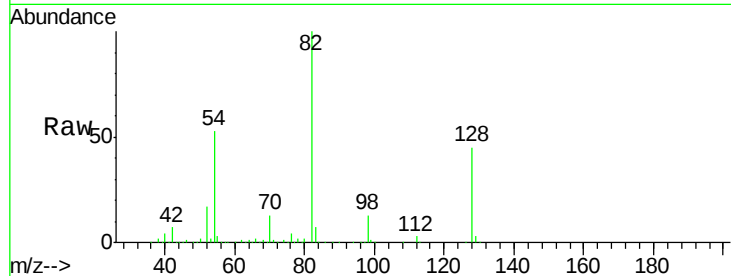




#23
 Nitrobenzene-d5
 Concen: 114.26 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BG032798.D
 Acq: 23 Feb 2018 20:11

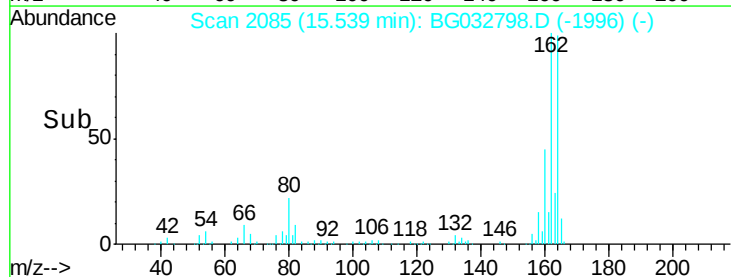
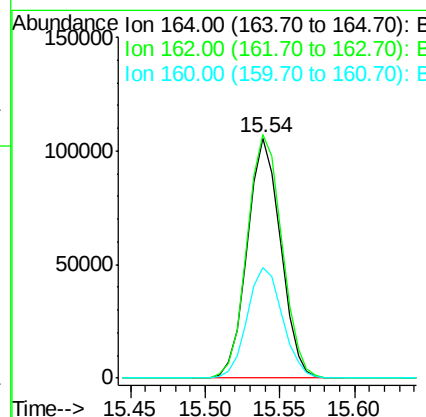
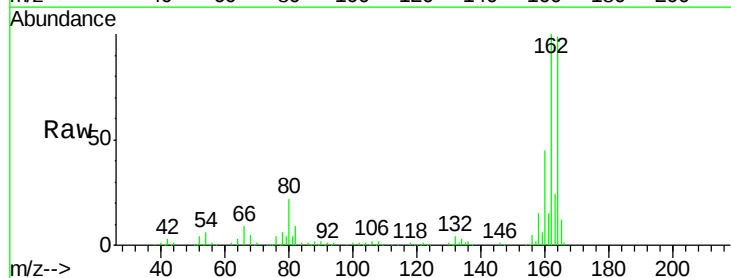
Instrument :
 BNA_G
 ClientSampleId :
 EFF-180220-01

Tot Ion	82	Resp	495425
Ion Ratio	Lower	Upper	
82	100		
128	44.5	29.7	44.5
54	52.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.01 min
 Lab File: BG032798.D
 Acq: 23 Feb 2018 20:11

Tgt Ion	164	Resp	162825
Ion Ratio	Lower	Upper	
164	100		
162	101.5	78.8	118.2
160	46.0	35.4	53.0

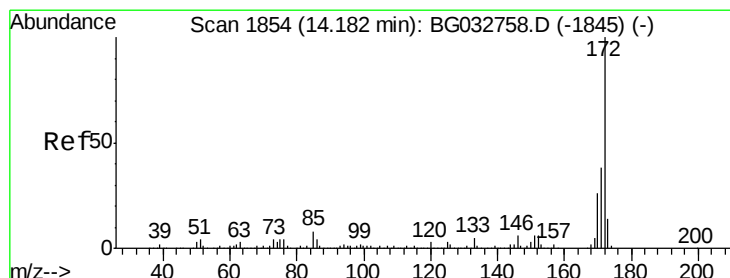
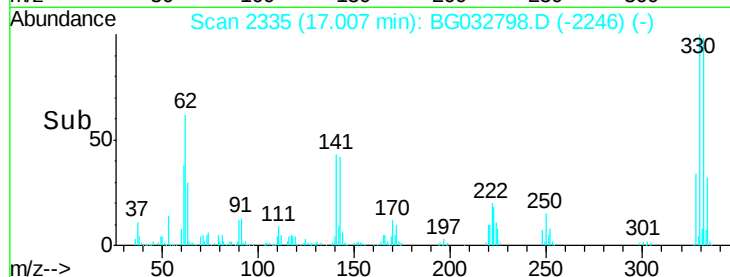
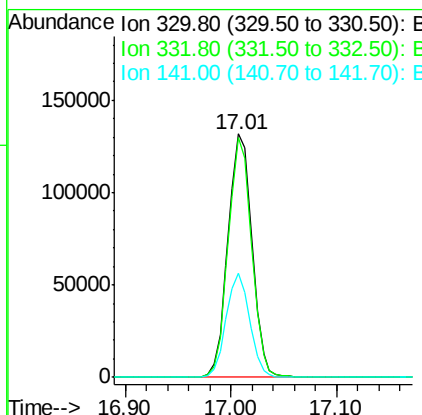
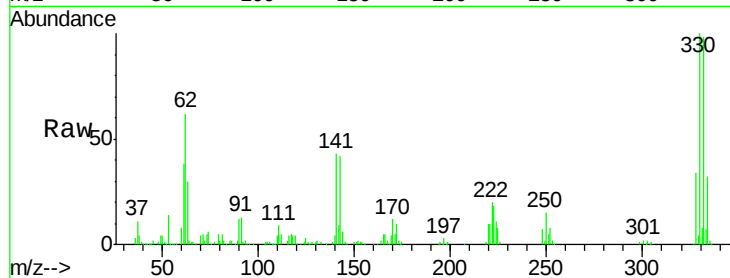




#41
 2,4,6-Tribromophenol
 Concen: 120.78 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. -0.01 min
 Lab File: BG032798.D
 Acq: 23 Feb 2018 20:11

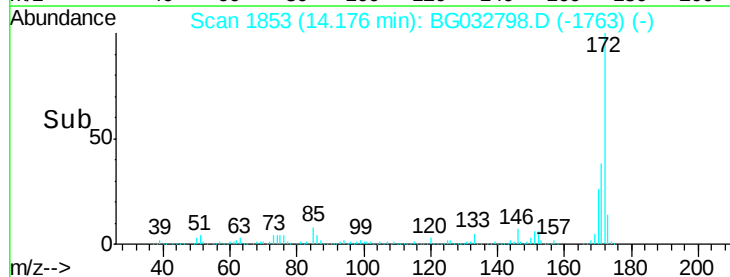
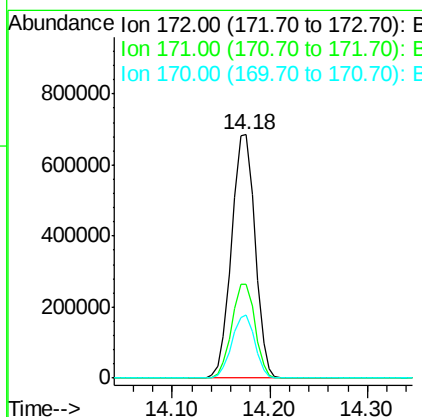
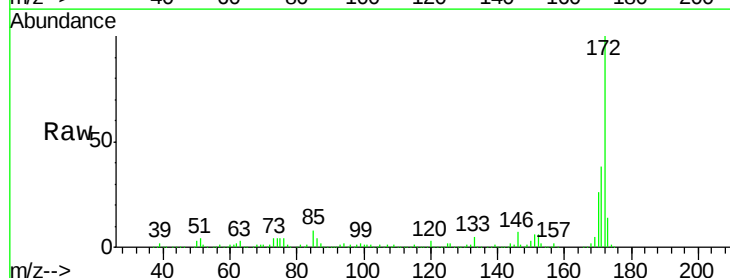
Instrument :
 BNA_G
 ClientSampleId :
 EFF-180220-01

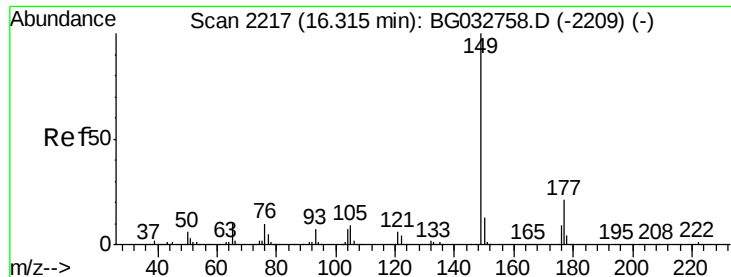
Tot Ion:330 Resp: 206778
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 42.0 25.2 37.8#



#44
 2-Fluorobiphenyl
 Concen: 101.51 ng
 RT: 14.18 min Scan# 1853
 Delta R.T. -0.00 min
 Lab File: BG032798.D
 Acq: 23 Feb 2018 20:11

Tgt Ion:172 Resp: 1146048
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.0 45.0
 170 25.9 19.5 29.3

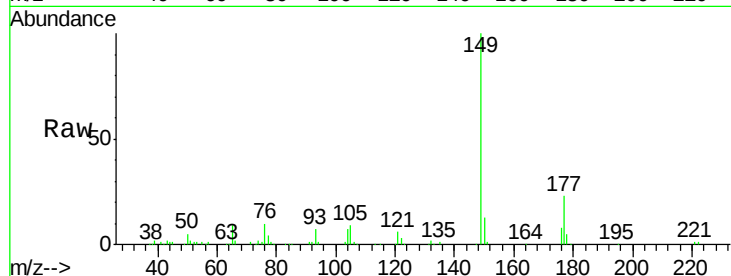




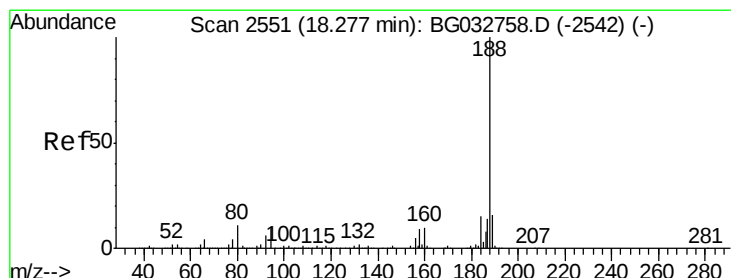
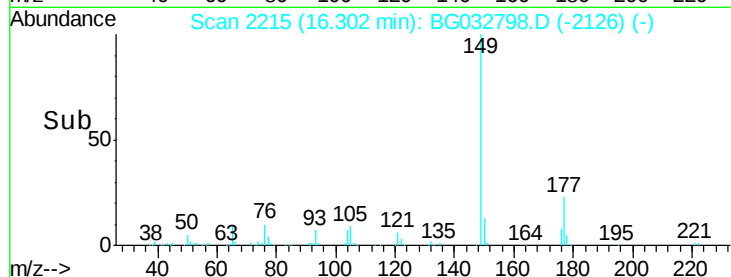
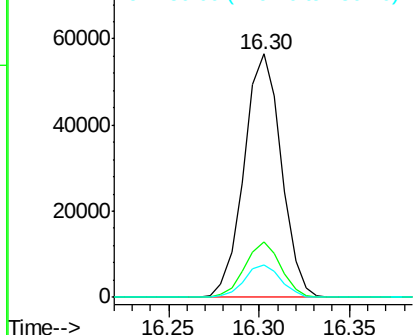
#59
Diethylphthalate
Concen: 5.52 ng
RT: 16.30 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BG032798.D
Acq: 23 Feb 2018 20:11

Instrument :
BNA_G
ClientSampleId :
EFF-180220-01

Tot Ion:149 Resp: 80535
Ion Ratio Lower Upper
149 100
177 22.6 18.5 27.7
150 13.4 10.2 15.2

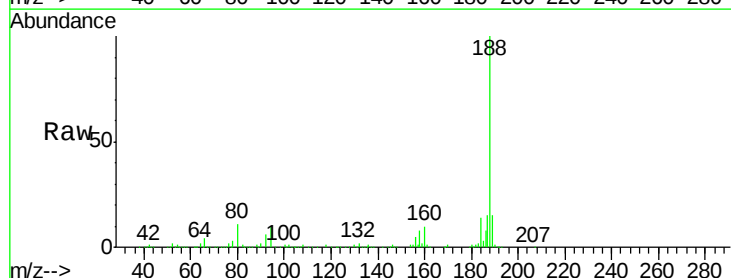


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

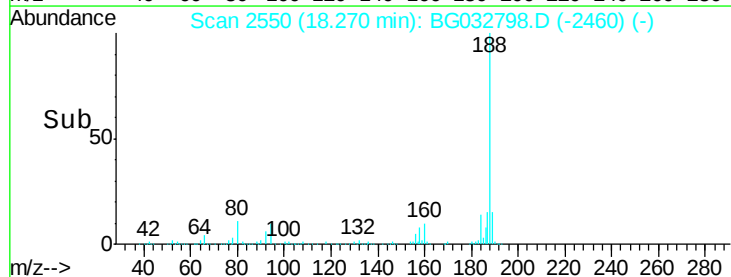
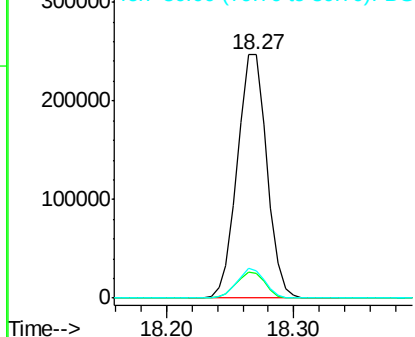


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 18.27 min Scan# 2550
Delta R.T. -0.00 min
Lab File: BG032798.D
Acq: 23 Feb 2018 20:11

Tgt Ion:188 Resp: 398506
Ion Ratio Lower Upper
188 100
94 10.3 6.9 10.3
80 11.3 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

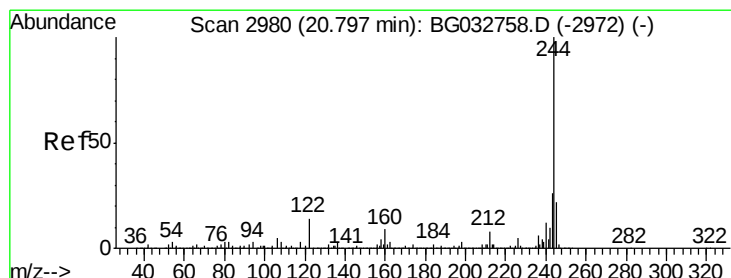
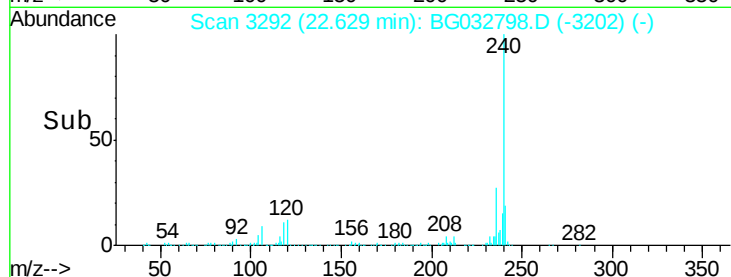
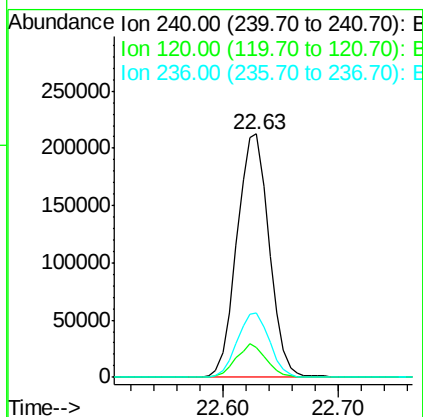
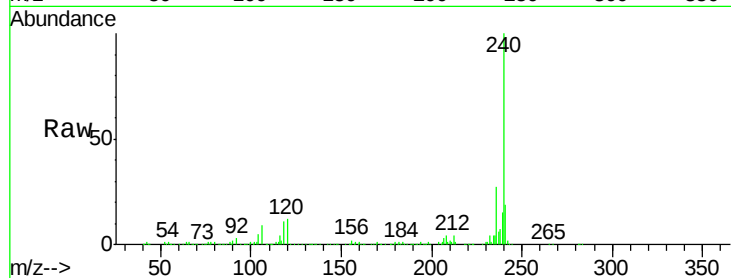




#75
 Chrvsene-d12
 Concen: 20.00 ng
 RT: 22.63 min Scan# 3292
 Delta R.T. -0.00 min
 Lab File: BG032798.D
 Acq: 23 Feb 2018 20:11

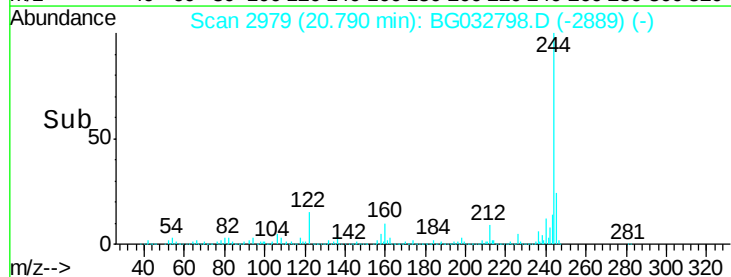
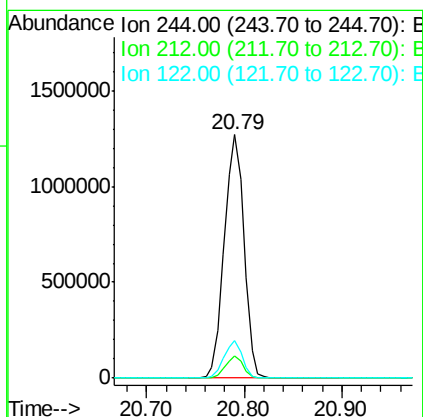
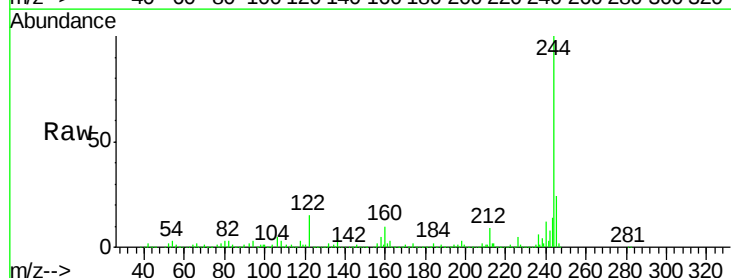
Instrument :
 BNA_G
 ClientSampleId :
 EFF-180220-01

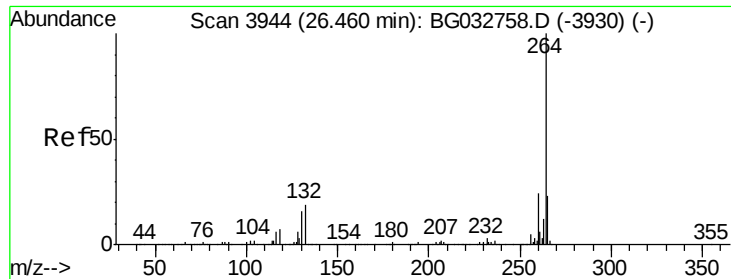
Tot Ion:240 Resp: 411508
 Ion Ratio Lower Upper
 240 100
 120 12.4 6.8 10.2#
 236 26.6 20.9 31.3



#78
 Terphenyl-d14
 Concen: 97.23 ng
 RT: 20.79 min Scan# 2979
 Delta R.T. -0.00 min
 Lab File: BG032798.D
 Acq: 23 Feb 2018 20:11

Tgt Ion:244 Resp: 1780767
 Ion Ratio Lower Upper
 244 100
 212 9.1 5.8 8.8#
 122 15.2 7.0 10.4#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 26.44 min Scan# 3941
Delta R.T. -0.01 min
Lab File: BG032798.D
Acq: 23 Feb 2018 20:11

Instrument :
BNA_G
ClientSampleId :
EFF-180220-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	17.4	26.0
265	21.0	17.7	26.5

