

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG032018\
 Data File : BG033267.D
 Acq On : 20 Mar 2018 14:48
 Operator : SJ/JU
 Sample : J1983-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-L-4DS(16-18)

Quant Time: Mar 20 16:36:58 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 19 16:48:53 2018
 Response via : Initial Calibration

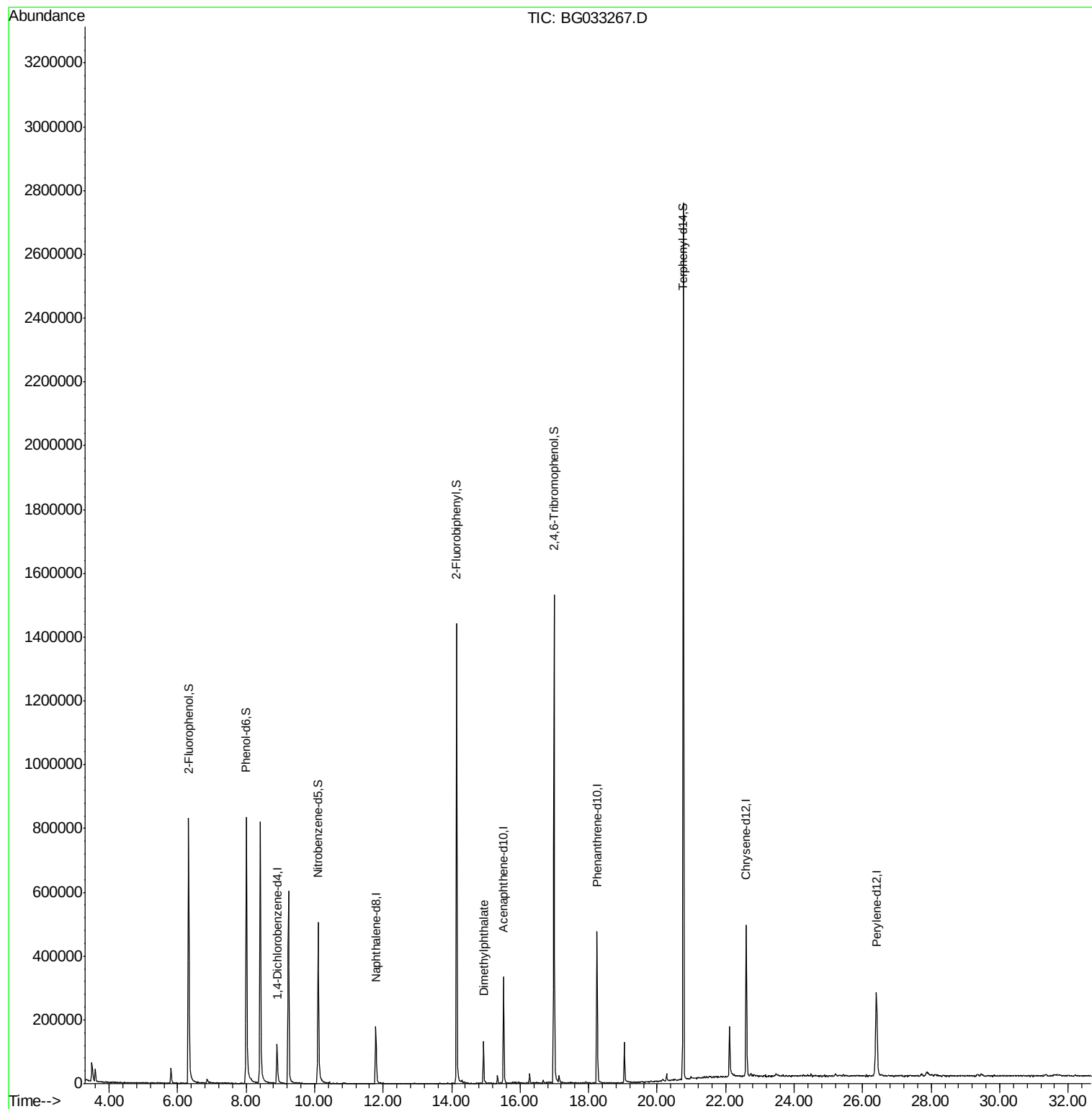
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	40791	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	172721	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	130155	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	343794	20.00	ng	0.00
75) Chrysene-d12	22.60	240	347521	20.00	ng	0.00
86) Perylene-d12	26.40	264	360872	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	396800	182.40	ng	0.00
7) Phenol-d6	8.00	99	592887	158.62	ng	0.00
23) Nitrobenzene-d5	10.10	82	369730	98.35	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	299411	153.81	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	816924	90.61	ng	0.00
78) Terphenyl-d14	20.76	244	1382742	85.09	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.94	163	95031	8.390	ng	Qvalue 99

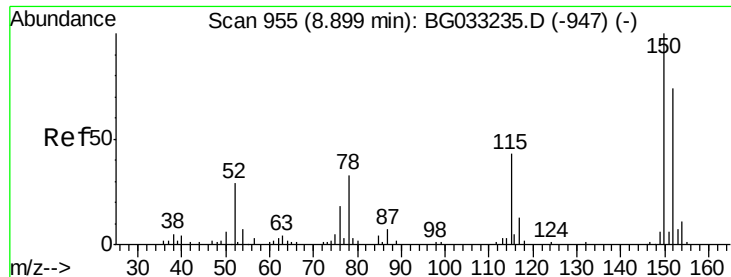
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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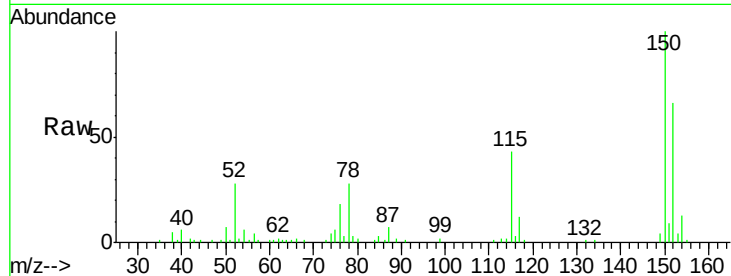


#1

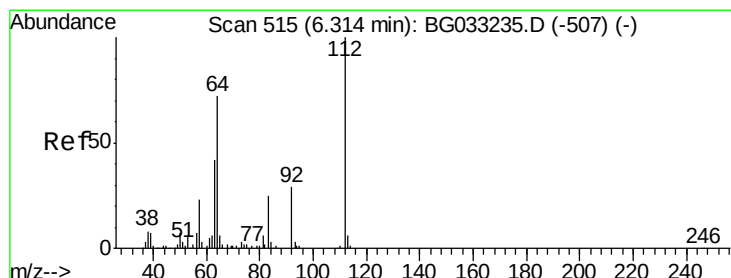
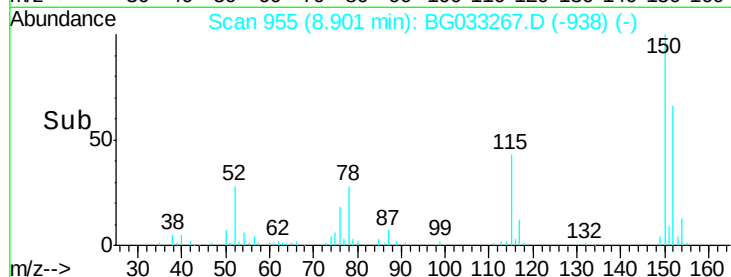
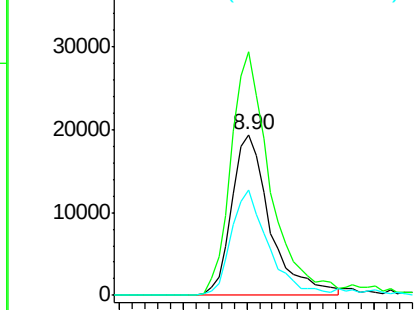
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. 0.00 min
Lab File: BG033267.D
Acq: 20 Mar 2018 14:48

Instrument :
BNA_G
ClientSampleId :
EPE-L-4DS(16-18)

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	126.6	189.8
115	65.2	53.0	79.4



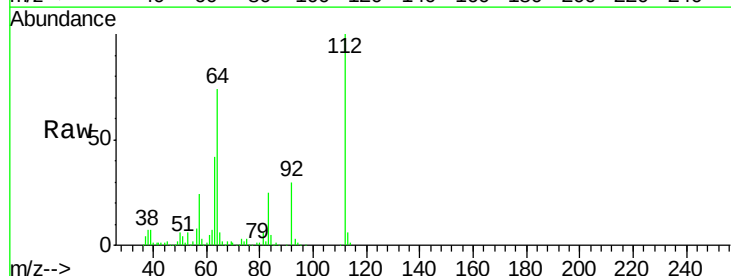
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



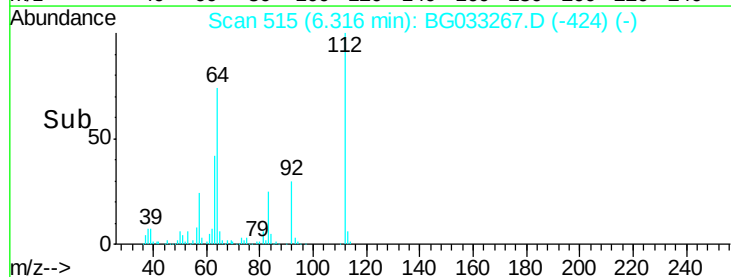
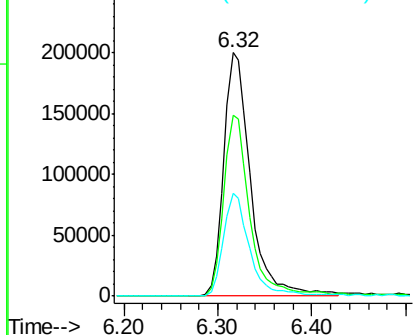
#5

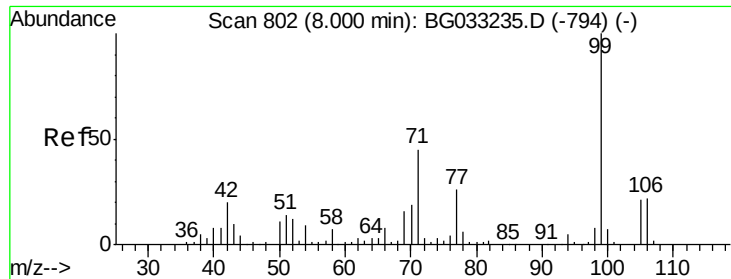
2-Fluorophenol
Concen: 182.405 ng
RT: 6.32 min Scan# 515
Delta R.T. 0.00 min
Lab File: BG033267.D
Acq: 20 Mar 2018 14:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.4	56.3	84.5
63	42.4	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: 158.621 ng

RT: 8.00 min Scan# 802

Delta R.T. 0.00 min

Lab File: BG033267.D

Acq: 20 Mar 2018 14:48

Instrument :

BNA_G

ClientSampleId :

EPE-L-4DS(16-18)

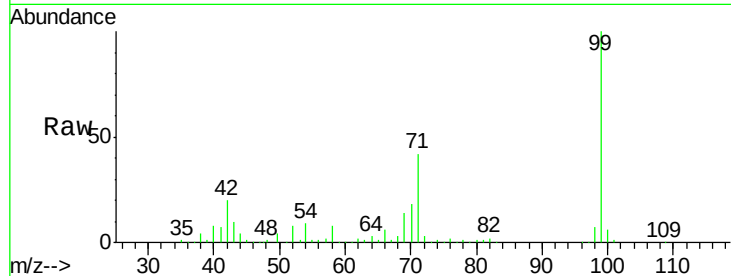
Tot Ion: 99 Resp: 592887

Ion Ratio Lower Upper

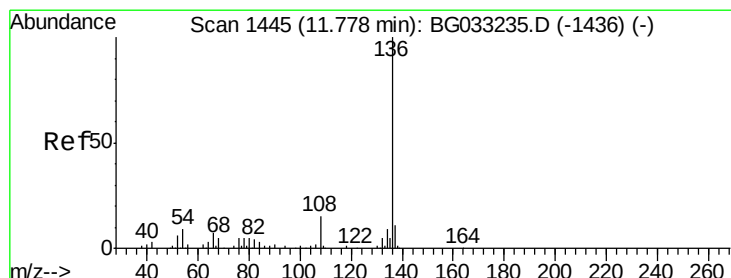
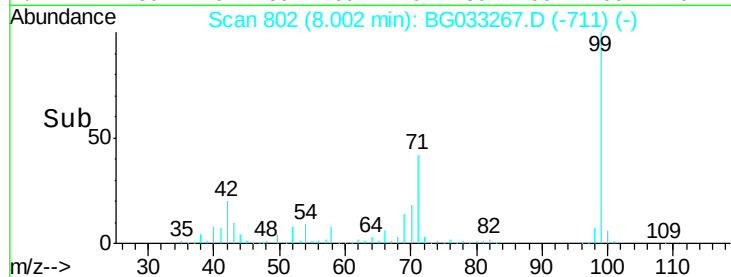
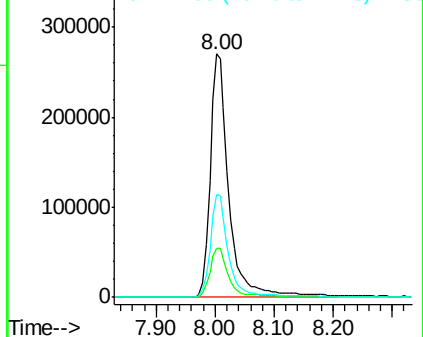
99 100

42 20.4 14.1 21.1

71 42.1 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: 20.000 ng

RT: 11.79 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BG033267.D

Acq: 20 Mar 2018 14:48

Tgt Ion:136 Resp: 172721

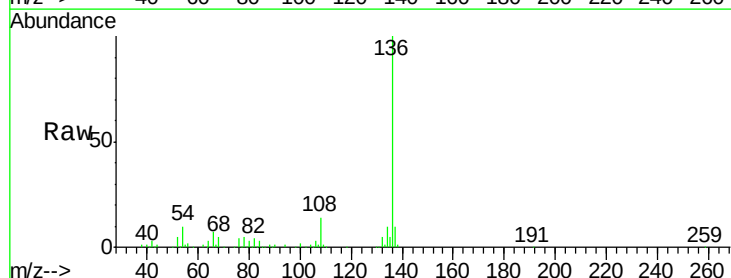
Ion Ratio Lower Upper

136 100

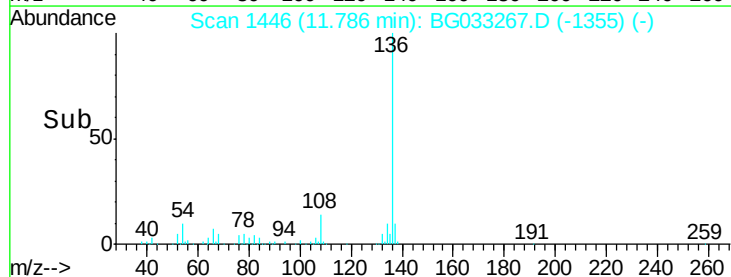
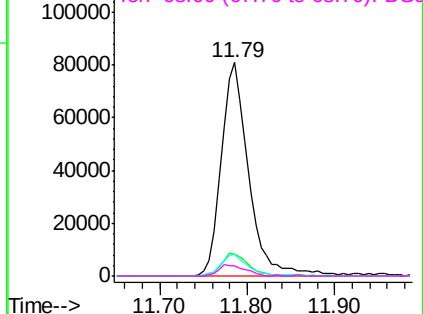
137 10.3 9.2 13.8

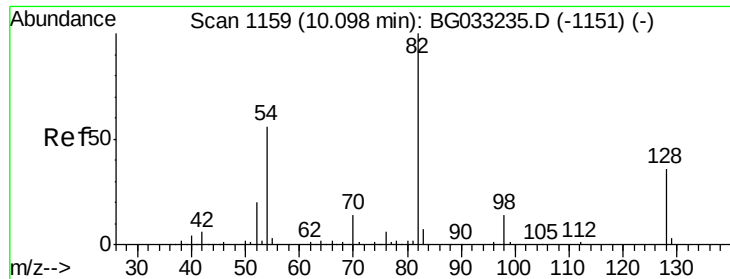
54 9.9 10.3 15.5#

68 4.7 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: 98.349 ng

RT: 10.10 min Scan# 1159

Delta R.T. 0.00 min

Lab File: BG033267.D

Acq: 20 Mar 2018 14:48

Instrument :

BNA_G

ClientSampleId :

EPE-L-4DS(16-18)

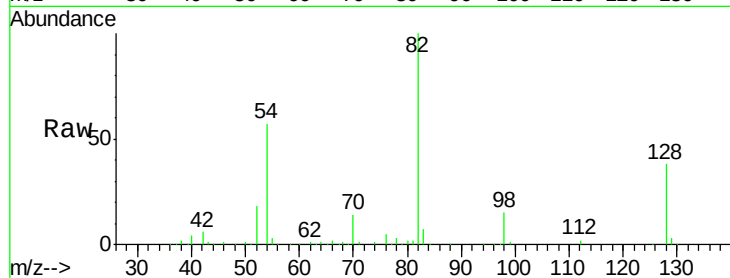
Tot Ion: 82 Resp: 369730

Ion Ratio Lower Upper

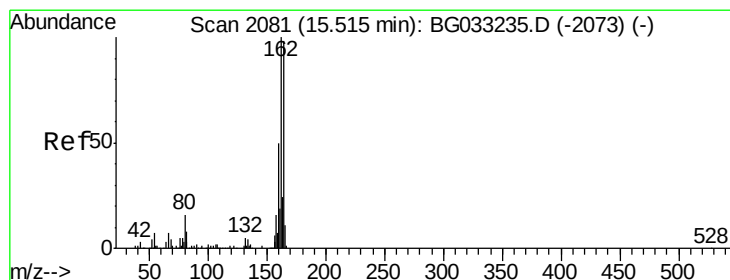
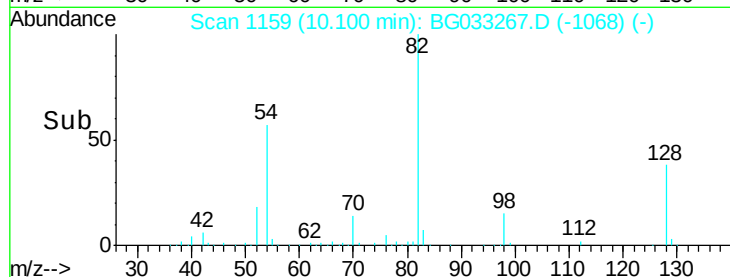
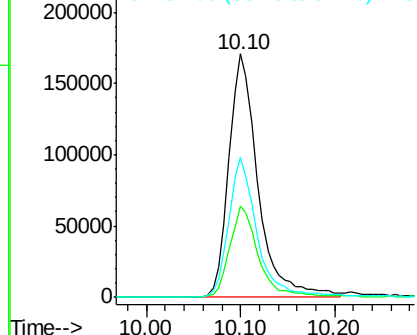
82 100

128 37.6 29.7 44.5

54 57.2 43.1 64.7



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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.52 min Scan# 2081

Delta R.T. 0.00 min

Lab File: BG033267.D

Acq: 20 Mar 2018 14:48

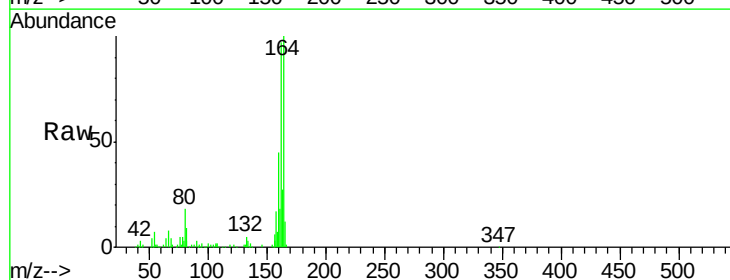
Tgt Ion:164 Resp: 130155

Ion Ratio Lower Upper

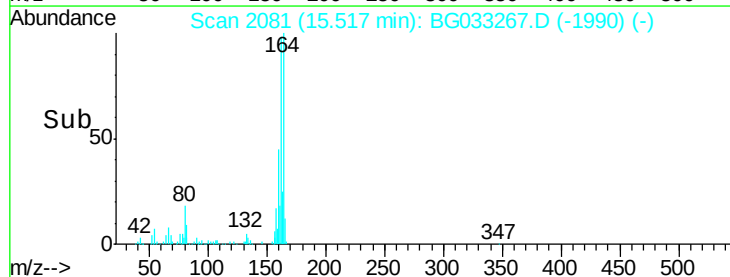
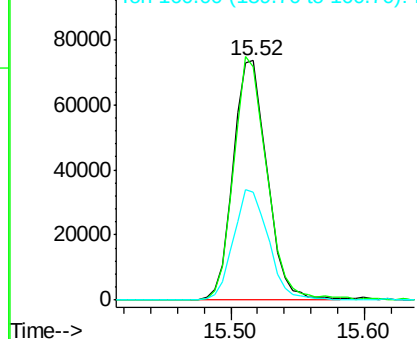
164 100

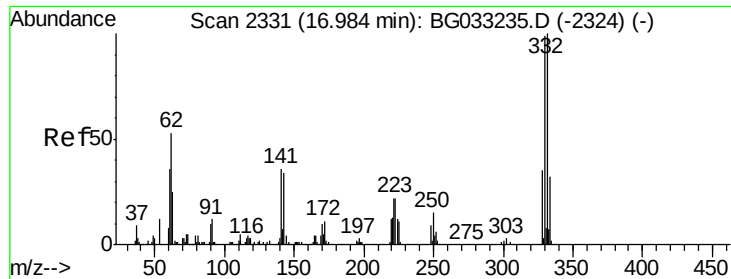
162 97.4 78.8 118.2

160 45.3 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

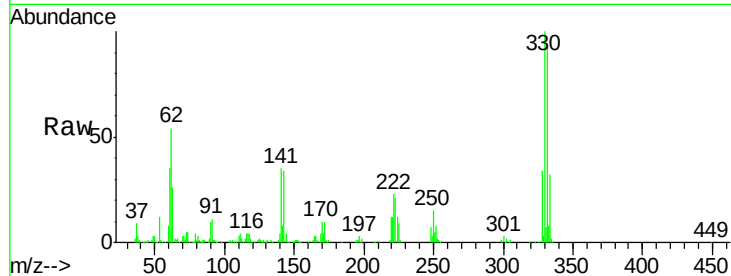




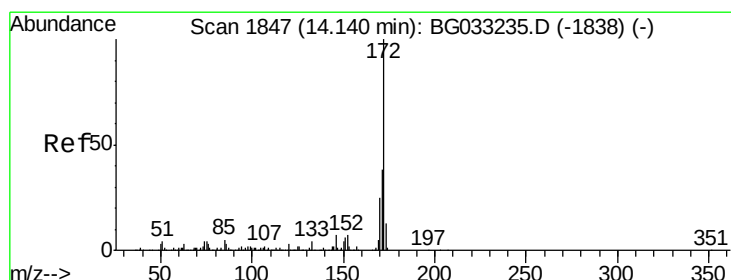
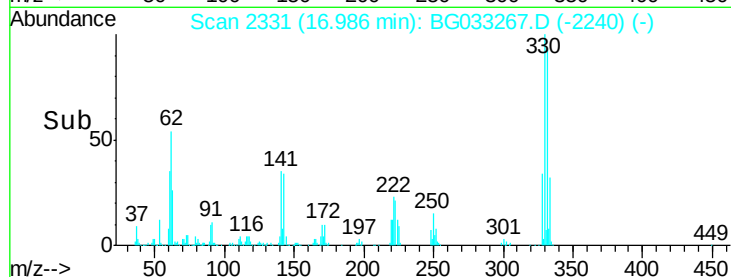
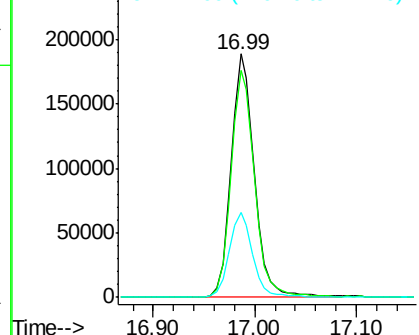
#41
 2,4,6-Tribromophenol
 Concen: 153.811 ng
 RT: 16.99 min Scan# 2331
 Delta R.T. 0.00 min
 Lab File: BG033267.D
 Acq: 20 Mar 2018 14:48

Instrument :
 BNA_G
 ClientSampleId :
 EPE-L-4DS(16-18)

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	35.3	25.2	37.8

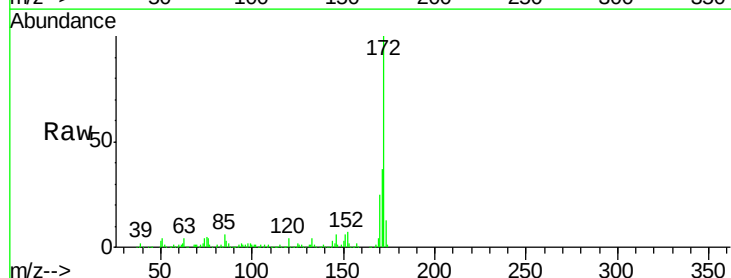


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

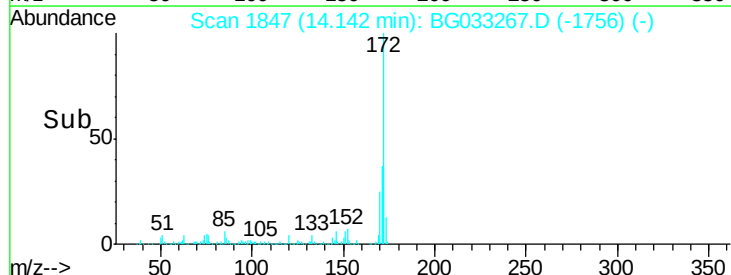
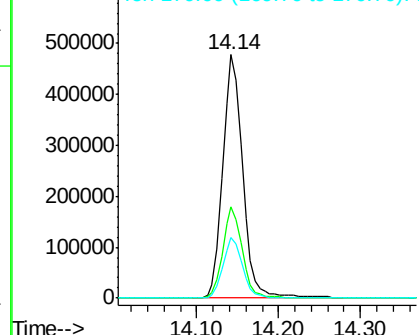


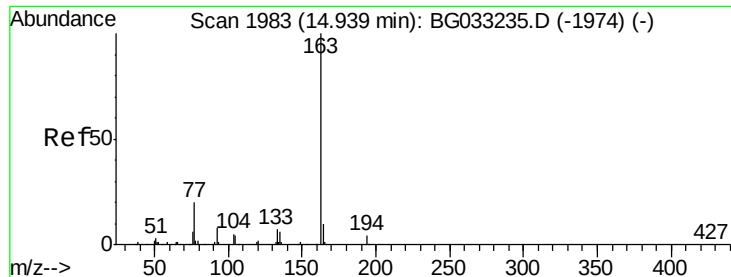
#44
 2-Fluorobiphenyl
 Concen: 90.610 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. 0.00 min
 Lab File: BG033267.D
 Acq: 20 Mar 2018 14:48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	24.8	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





#49

Dimethylphthalate

Concen: 8.390 ng

RT: 14.94 min Scan# 1982

Delta R.T. -0.00 min

Lab File: BG033267.D

Acq: 20 Mar 2018 14:48

Instrument :

BNA_G

ClientSampleId :

EPE-L-4DS(16-18)

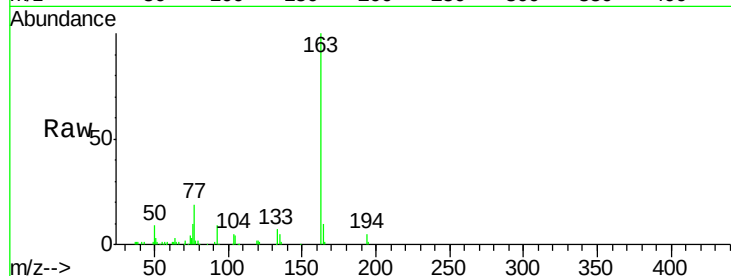
Tot Ion:163 Resp: 95031

Ion Ratio Lower Upper

163 100

194 4.6 3.4 5.2

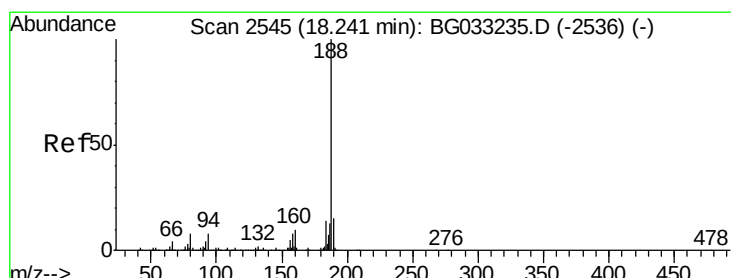
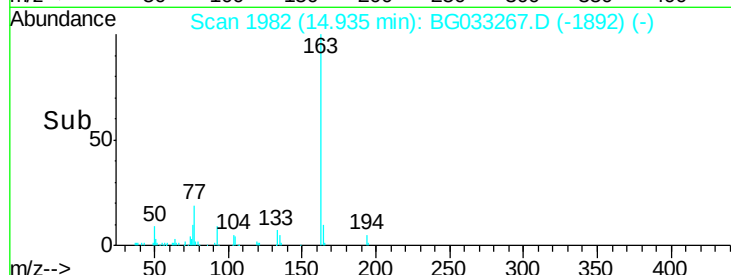
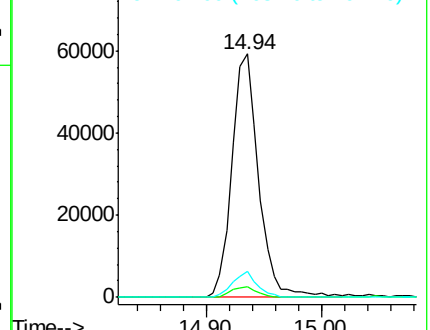
164 10.5 8.2 12.4



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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.24 min Scan# 2545

Delta R.T. 0.00 min

Lab File: BG033267.D

Acq: 20 Mar 2018 14:48

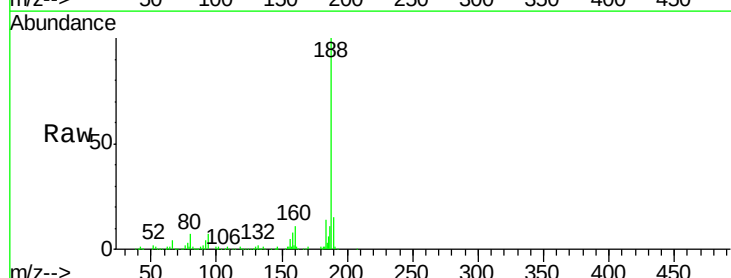
Tgt Ion:188 Resp: 343794

Ion Ratio Lower Upper

188 100

94 6.9 6.9 10.3

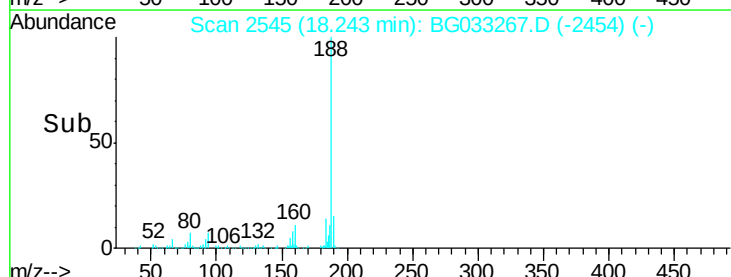
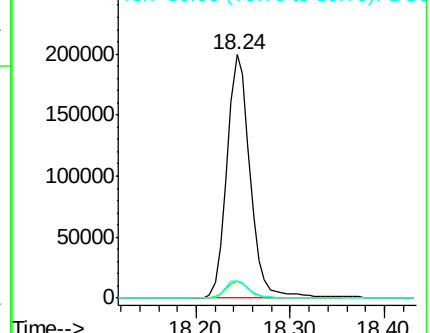
80 7.2 7.7 11.5#

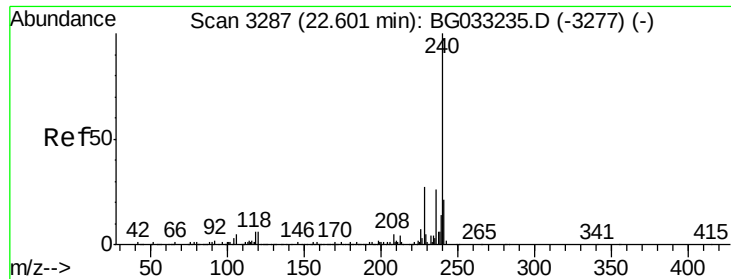


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3286

Delta R.T. -0.00 min

Lab File: BG033267.D

Acq: 20 Mar 2018 14:48

Instrument :

BNA_G

ClientSampleId :

EPE-L-4DS(16-18)

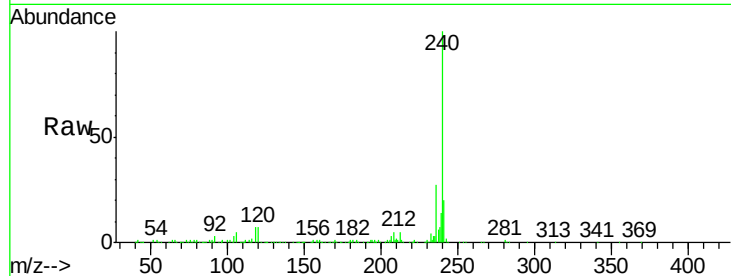
Tot Ion:240 Resp: 347521

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

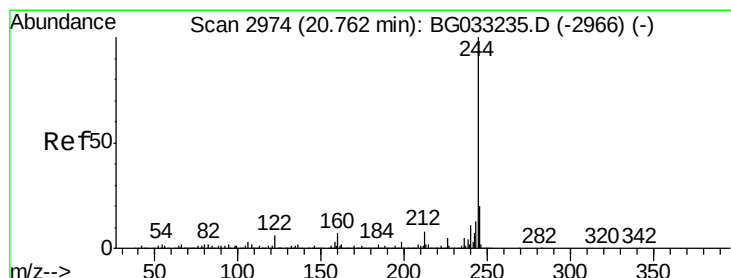
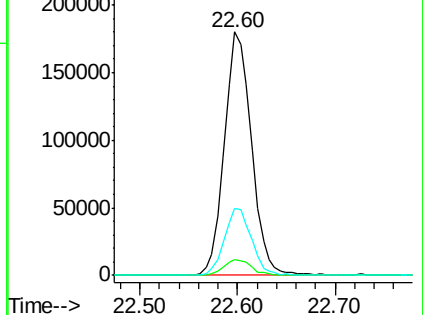
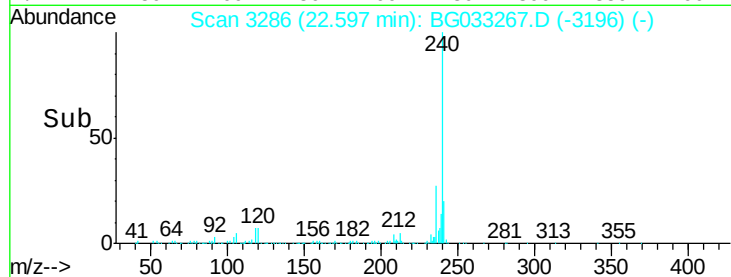
236 27.3 20.9 31.3



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



#78

Terphenyl-d14

Concen: 85.092 ng

RT: 20.76 min Scan# 2974

Delta R.T. 0.00 min

Lab File: BG033267.D

Acq: 20 Mar 2018 14:48

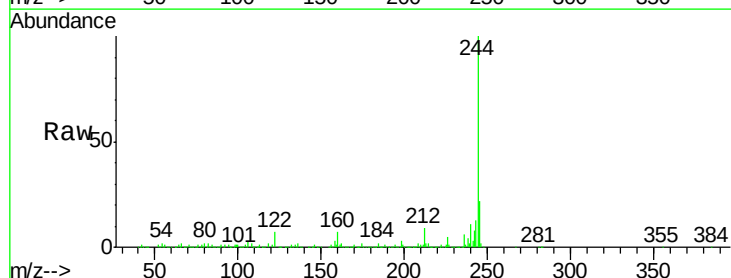
Tgt Ion:244 Resp: 1382742

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

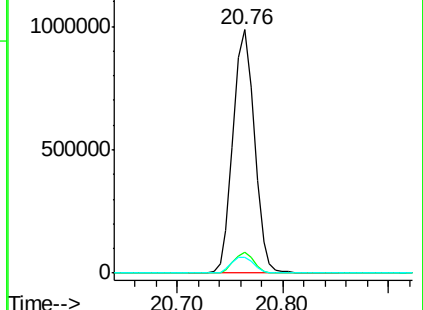
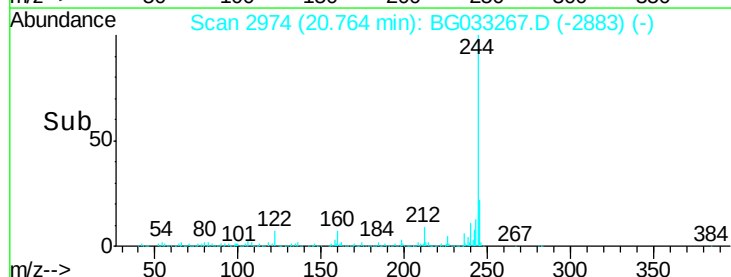
122 6.7 7.0 10.4#

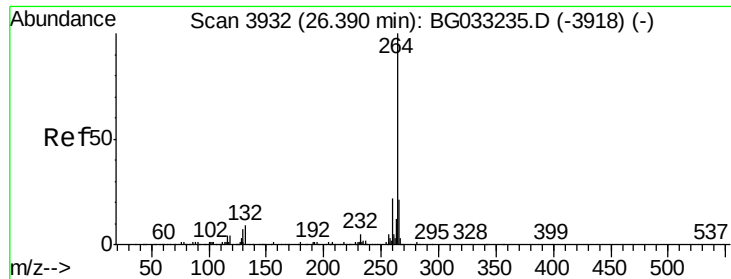


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.40 min Scan# 3933
Delta R.T. 0.00 min
Lab File: BG033267.D
Acq: 20 Mar 2018 14:48

Instrument :
BNA_G
ClientSampleId :
EPE-L-4DS(16-18)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	17.4	26.0
265	21.9	17.7	26.5

