

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
 Data File : BG033215.D
 Acq On : 17 Mar 2018 3:07
 Operator : SJ/JU
 Sample : J1926-10
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 4527-28

Quant Time: Mar 17 06:02:37 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	35791	20.00	ng	0.01
21) Naphthalene-d8	11.80	136	140327	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	100387	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	294646	20.00	ng	0.00
75) Chrysene-d12	22.61	240	310207	20.00	ng	0.00
86) Perylene-d12	26.41	264	328305	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	327673	146.47	ng	0.01
7) Phenol-d6	8.02	99	421643	135.22	ng	0.00
23) Nitrobenzene-d5	10.11	82	336194	156.78	ng	0.01
41) 2,4,6-Tribromophenol	17.00	330	268636	254.50	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	761826	109.45	ng	0.00
78) Terphenyl-d14	20.77	244	1587254	114.96	ng	0.00

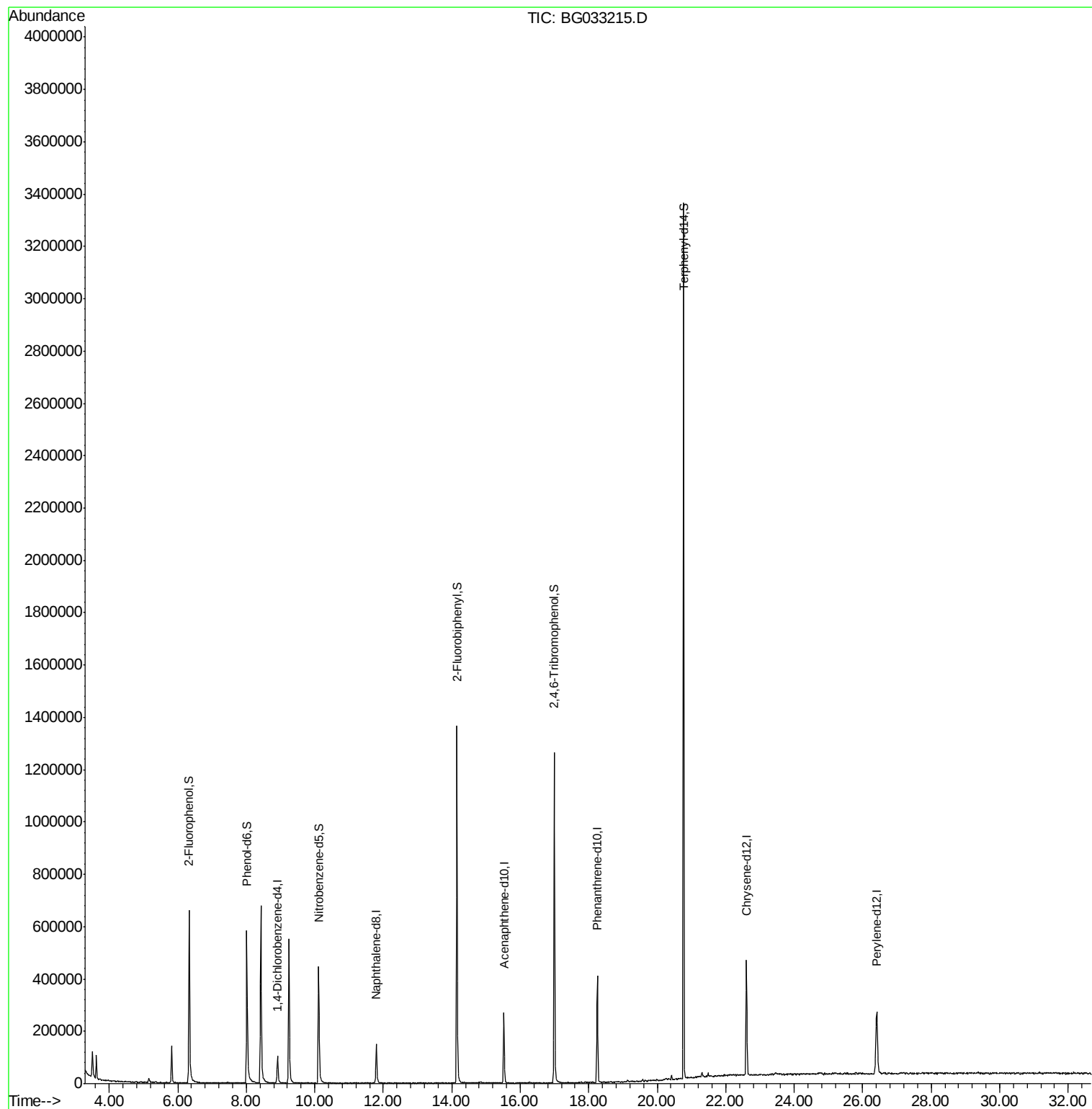
Target Compounds Qvalue

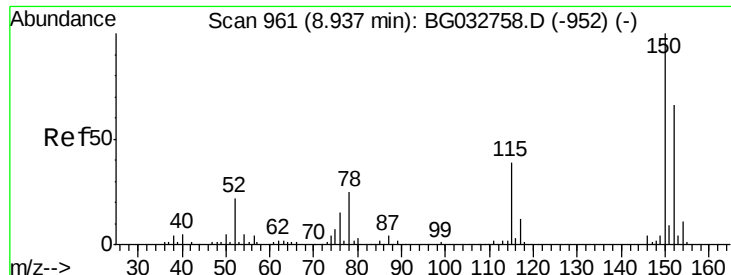
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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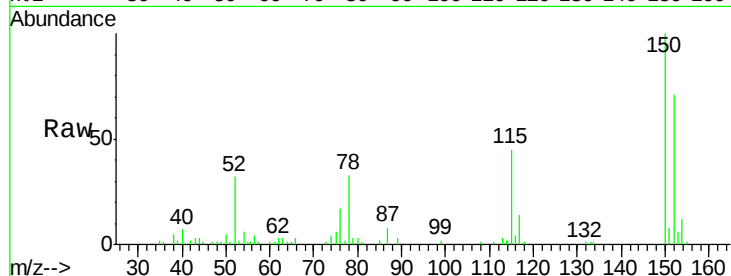


#1

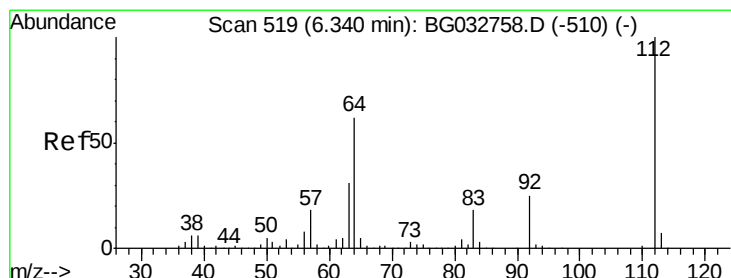
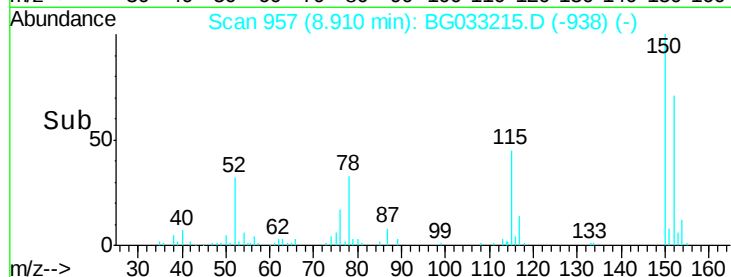
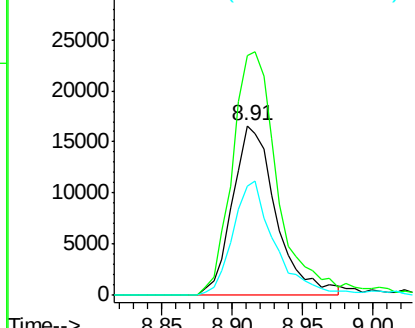
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 957
Delta R.T. 0.01 min
Lab File: BG033215.D
Acq: 17 Mar 2018 3:07

Instrument :
BNA_G
ClientSampleId :
4527-28

Tot Ion:152 Resp: 35791
Ion Ratio Lower Upper
152 100
150 141.2 126.6 189.8
115 64.0 53.0 79.4



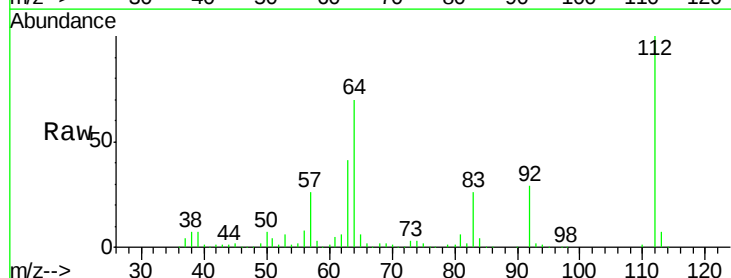
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



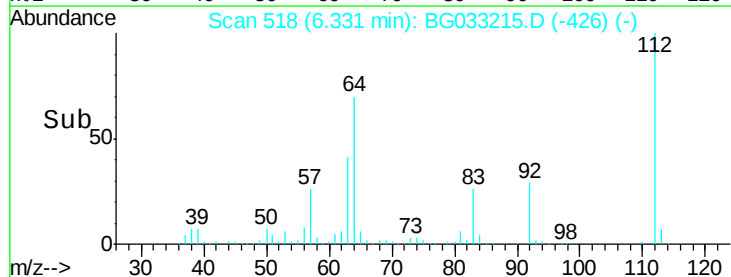
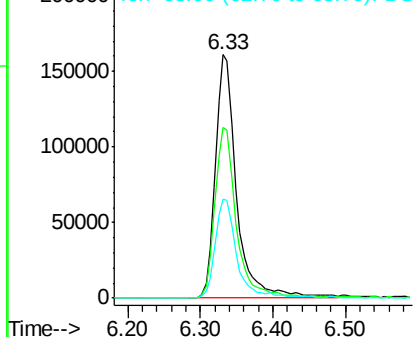
#5

2-Fluorophenol
Concen: 146.470 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.01 min
Lab File: BG033215.D
Acq: 17 Mar 2018 3:07

Tgt Ion:112 Resp: 327673
Ion Ratio Lower Upper
112 100
64 70.2 56.3 84.5
63 40.9 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: 135.217 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.01 min

Lab File: BG033215.D

Acq: 17 Mar 2018 3:07

Instrument :

BNA_G

ClientSampleId :

4527-28

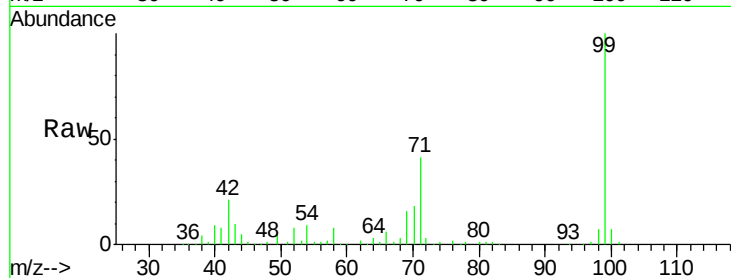
Tot Ion: 99 Resp: 421643

Ion Ratio Lower Upper

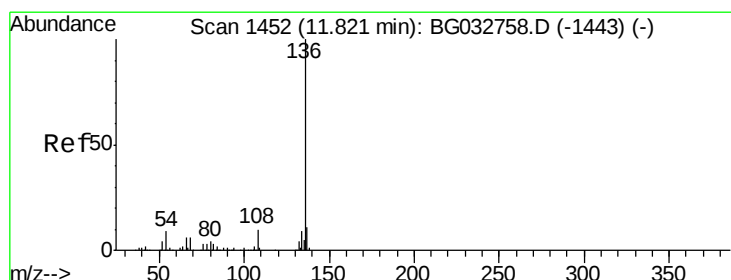
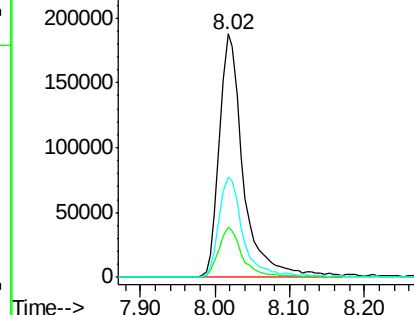
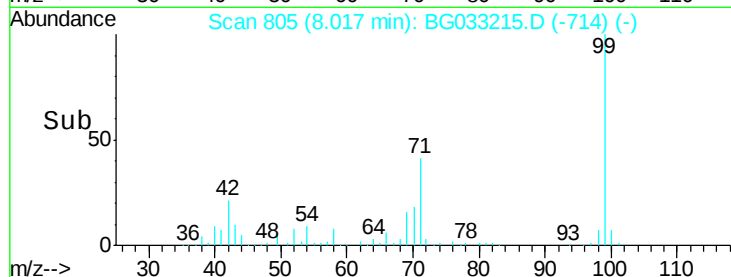
99 100

42 20.8 14.1 21.1

71 41.3 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.80 min Scan# 1448

Delta R.T. 0.01 min

Lab File: BG033215.D

Acq: 17 Mar 2018 3:07

Tgt Ion: 136 Resp: 140327

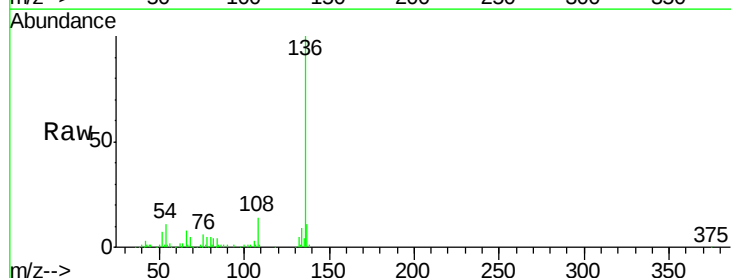
Ion Ratio Lower Upper

136 100

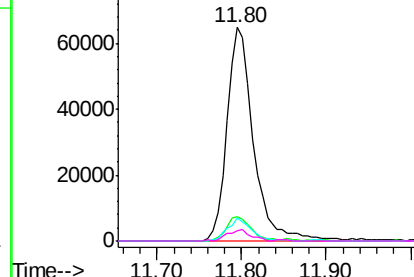
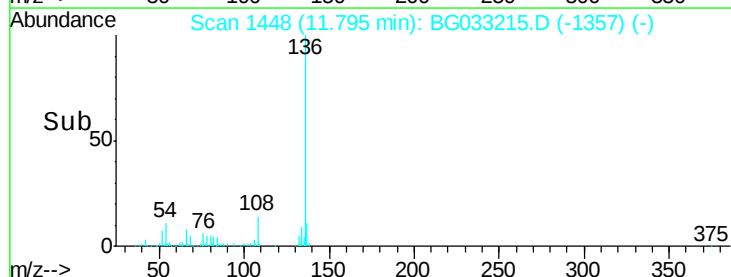
137 11.4 9.2 13.8

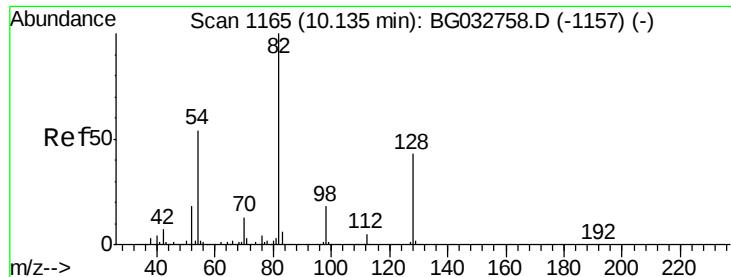
54 10.9 10.3 15.5

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

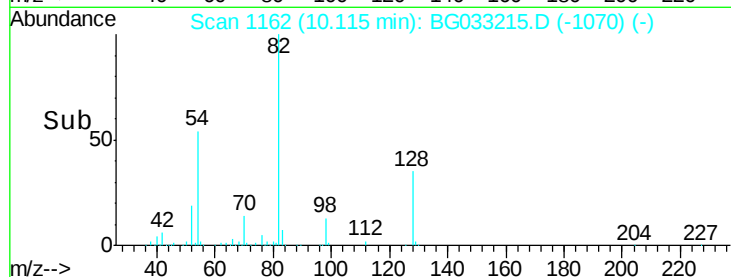
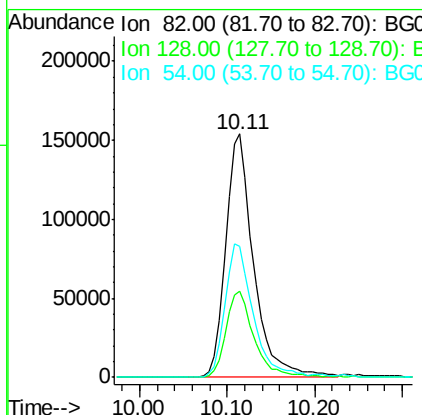
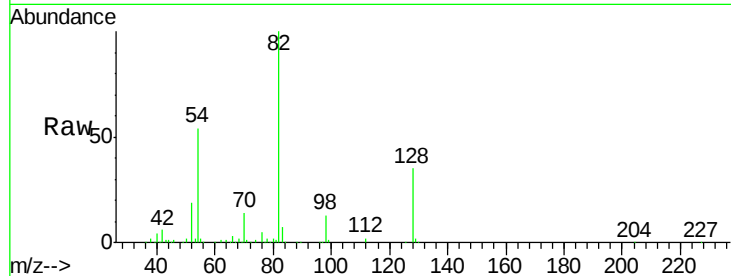




#23
Nitrobenzene-d5
Concen: 156.780 ng
RT: 10.11 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BG033215.D
Acq: 17 Mar 2018 3:07

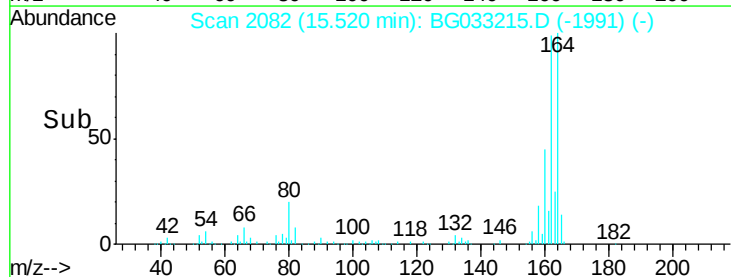
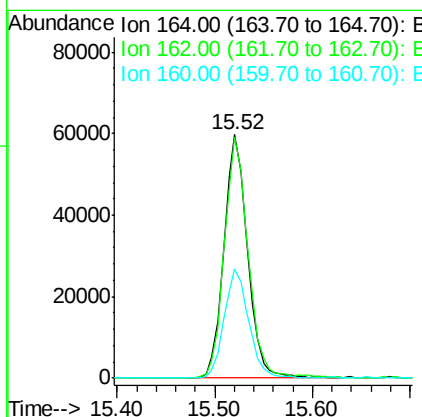
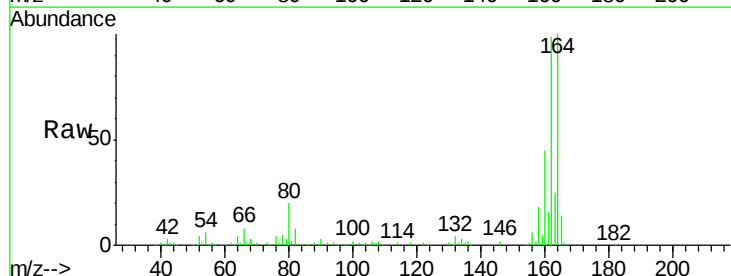
Instrument :
BNA_G
ClientSampleId :
4527-28

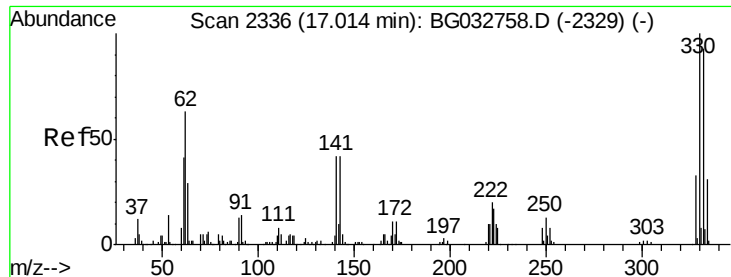
Tot Ion	82	Resp	336194
Ion Ratio	Lower	Upper	
82	100		
128	35.4	29.7	44.5
54	53.9	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BG033215.D
Acq: 17 Mar 2018 3:07

Tgt Ion	164	Resp	100387
Ion Ratio	Lower	Upper	
164	100		
162	99.2	78.8	118.2
160	44.6	35.4	53.0

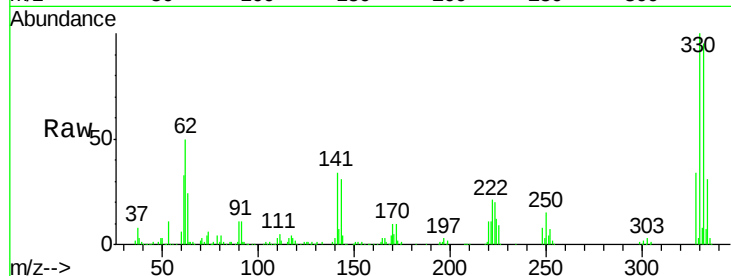




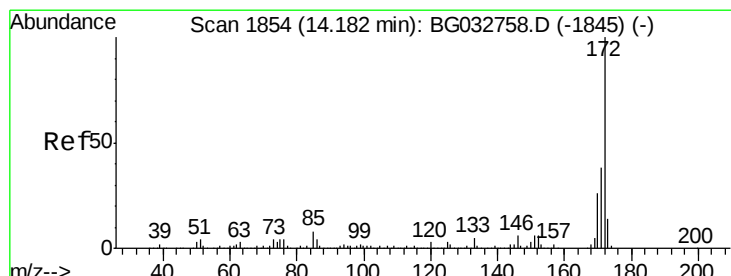
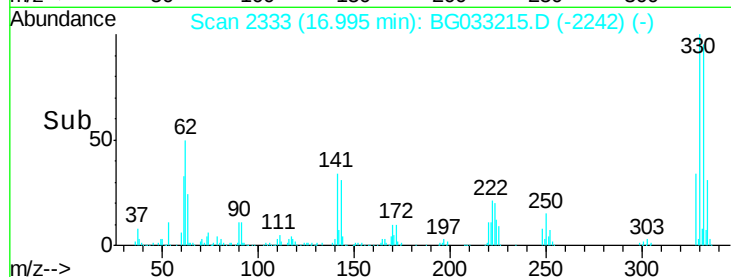
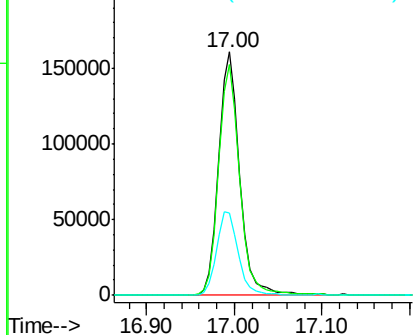
#41
 2,4,6-Tribromophenol
 Concen: 254.502 ng
 RT: 17.00 min Scan# 2333
 Delta R.T. 0.00 min
 Lab File: BG033215.D
 Acq: 17 Mar 2018 3:07

Instrument :
 BNA_G
 ClientSampleId :
 4527-28

Tot Ion:330 Resp: 268636
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 35.5 25.2 37.8

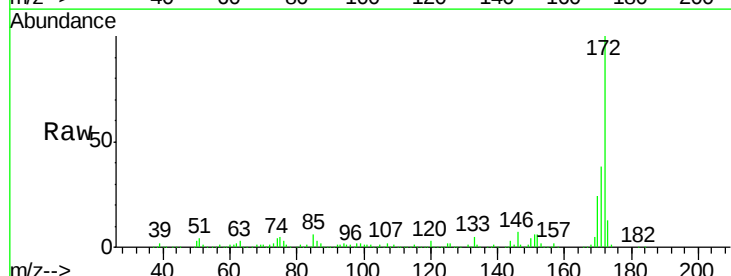


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

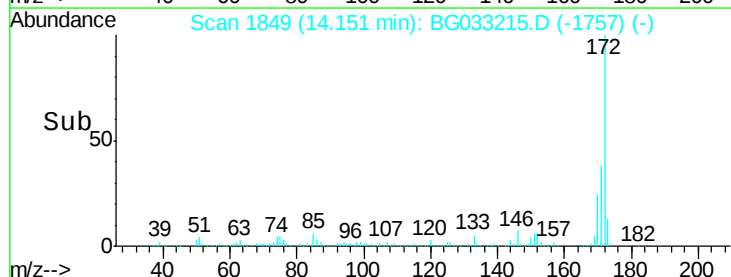
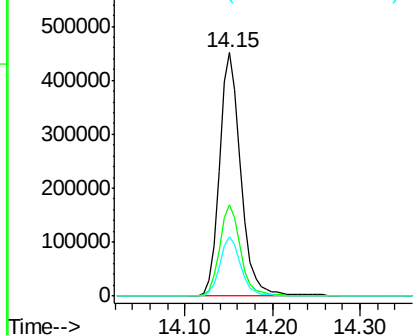


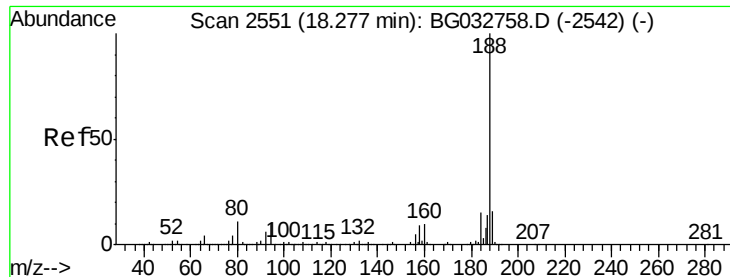
#44
 2-Fluorobiphenyl
 Concen: 109.451 ng
 RT: 14.15 min Scan# 1849
 Delta R.T. 0.01 min
 Lab File: BG033215.D
 Acq: 17 Mar 2018 3:07

Tgt Ion:172 Resp: 761826
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 24.4 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: 20.000 ng

RT: 18.25 min Scan# 2547

Delta R.T. 0.00 min

Lab File: BG033215.D

Acq: 17 Mar 2018 3:07

Instrument :

BNA_G

ClientSampleId :

4527-28

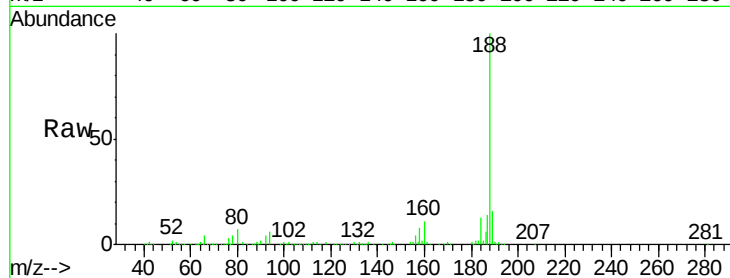
Tot Ion:188 Resp: 294646

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

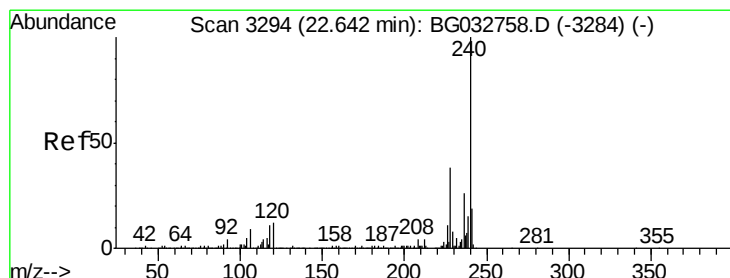
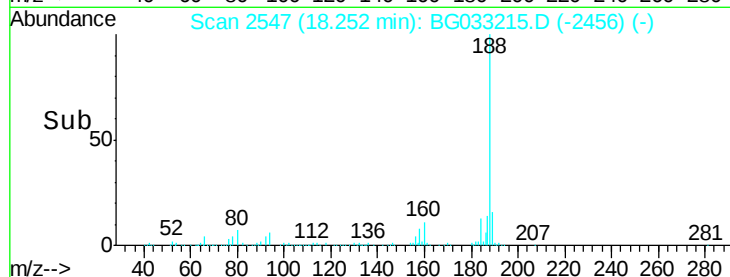
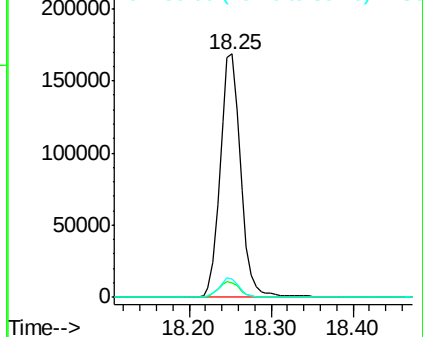
80 7.3 7.7 11.5#



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

Chrysene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3288

Delta R.T. -0.00 min

Lab File: BG033215.D

Acq: 17 Mar 2018 3:07

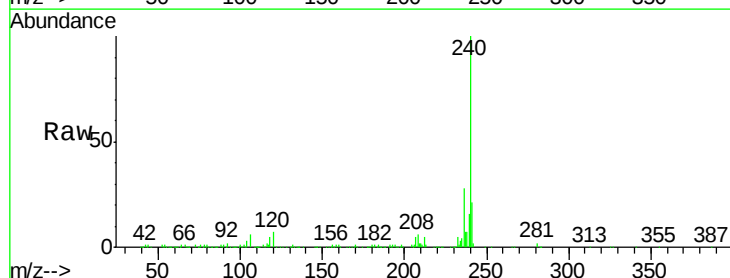
Tgt Ion:240 Resp: 310207

Ion Ratio Lower Upper

240 100

120 6.9 6.8 10.2

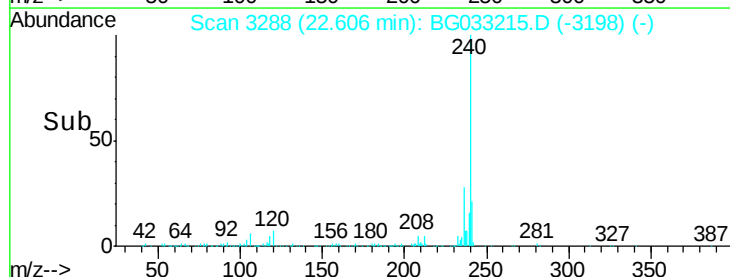
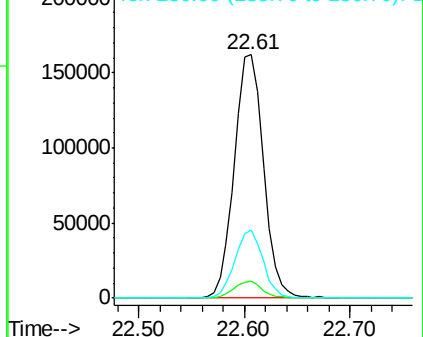
236 28.2 20.9 31.3

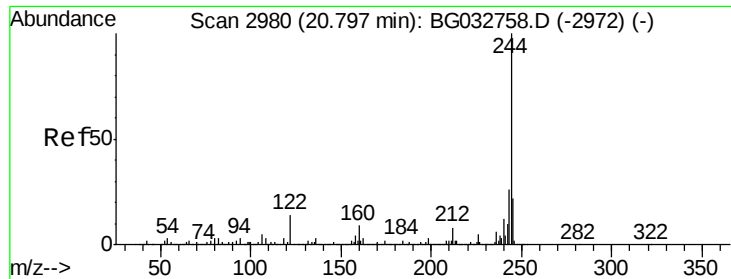


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 114.960 ng

RT: 20.77 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BG033215.D

Acq: 17 Mar 2018 3:07

Instrument :

BNA_G

ClientSampleId :

4527-28

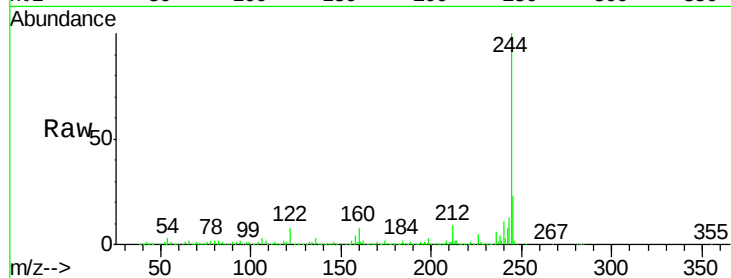
Tot Ion:244 Resp: 1587254

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

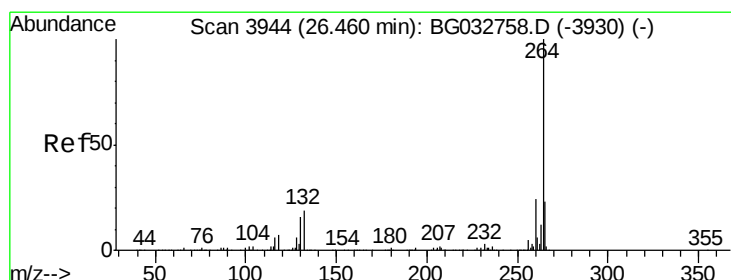
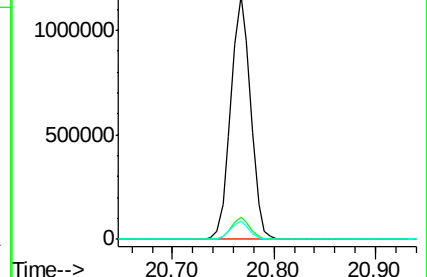
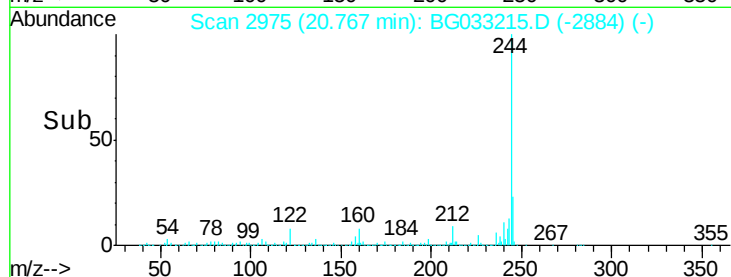
122 7.6 7.0 10.4



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

Perylene-d12

Concen: 20.000 ng

RT: 26.41 min Scan# 3935

Delta R.T. -0.00 min

Lab File: BG033215.D

Acq: 17 Mar 2018 3:07

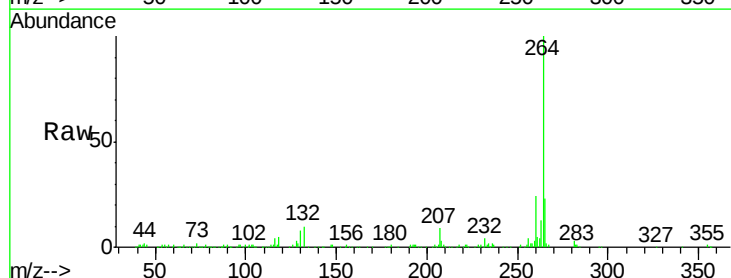
Tgt Ion:264 Resp: 328305

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 23.0 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

