

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
 Data File : BG033168.D
 Acq On : 15 Mar 2018 6:23
 Operator : SJ/JU
 Sample : J1754-08
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-031318-D

Quant Time: Mar 15 08:07:16 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

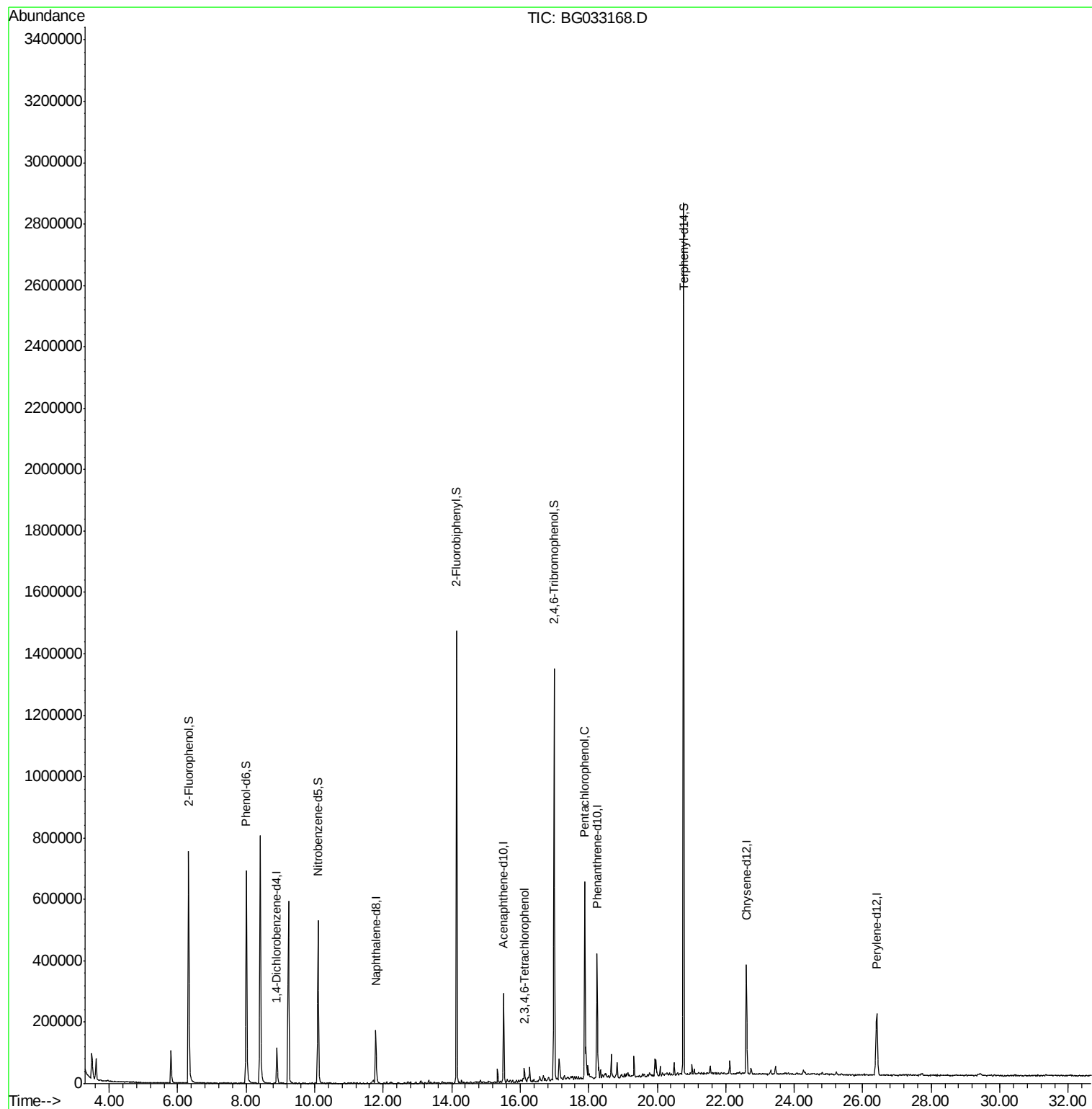
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	37214	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	163743	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	97351	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	242188	20.00	ng	0.00
75) Chrysene-d12	22.60	240	232836	20.00	ng	0.00
86) Perylene-d12	26.41	264	247666	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	376024	161.66	ng	0.00
7) Phenol-d6	8.00	99	456666	140.85	ng	0.00
23) Nitrobenzene-d5	10.10	82	345724	139.35	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	274032	267.71	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	773963	114.66	ng	0.00
78) Terphenyl-d14	20.77	244	1364974	131.71	ng	0.00
Target Compounds						
58) 2,3,4,6-Tetrachlorophenol	16.12	232	11304	6.903	ng	Qvalue # 90
69) Pentachlorophenol	17.88	266	127082	72.903	ng	97

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

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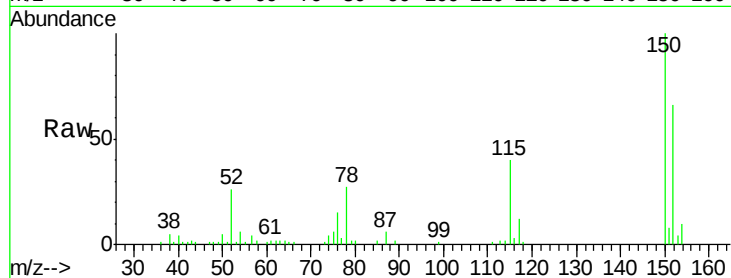


#1

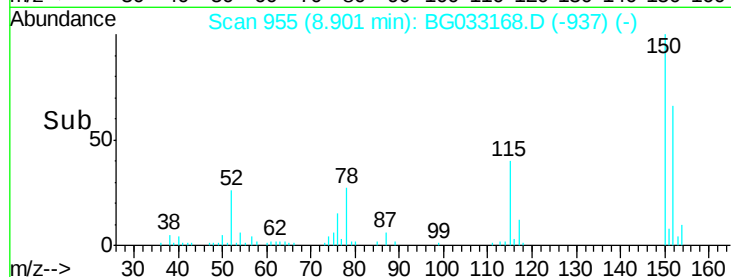
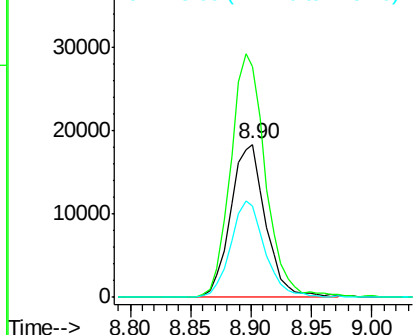
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.90 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BG033168.D
 Acq: 15 Mar 2018 6:23

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-031318-D

Tot Ion:152 Resp: 37214
 Ion Ratio Lower Upper
 152 100
 150 151.2 126.6 189.8
 115 60.0 53.0 79.4



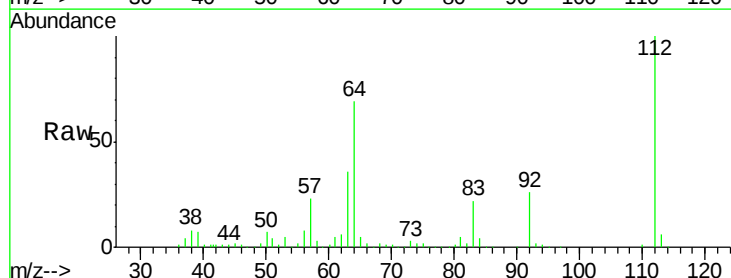
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



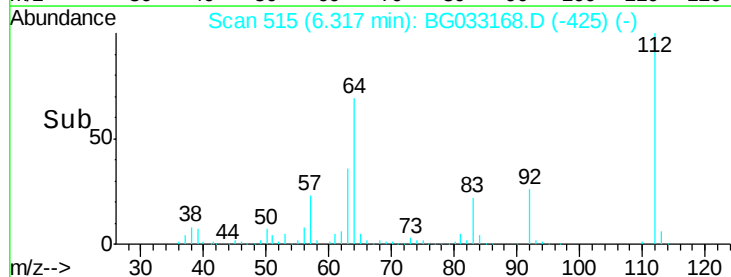
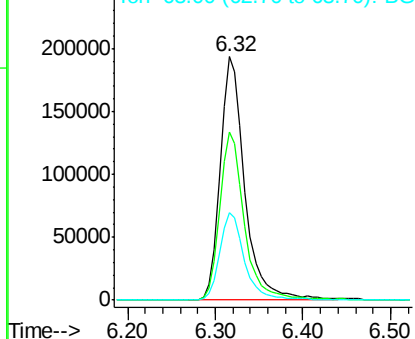
#5

2-Fluorophenol
 Concen: 161.655 ng
 RT: 6.32 min Scan# 515
 Delta R.T. -0.00 min
 Lab File: BG033168.D
 Acq: 15 Mar 2018 6:23

Tgt Ion:112 Resp: 376024
 Ion Ratio Lower Upper
 112 100
 64 69.2 56.3 84.5
 63 35.7 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: 140.849 ng

RT: 8.00 min Scan# 802

Delta R.T. -0.01 min

Lab File: BG033168.D

Acq: 15 Mar 2018 6:23

Instrument :

BNA_G

ClientSampleId :

CL-01-031318-D

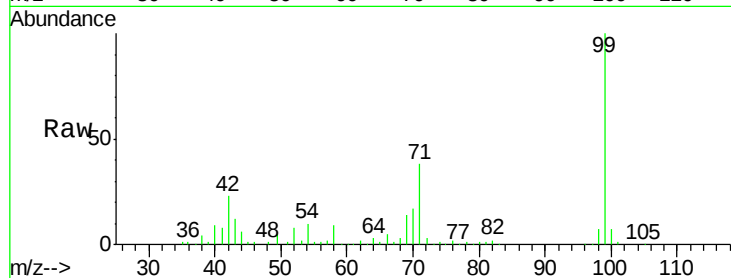
Tot Ion: 99 Resp: 456666

Ion Ratio Lower Upper

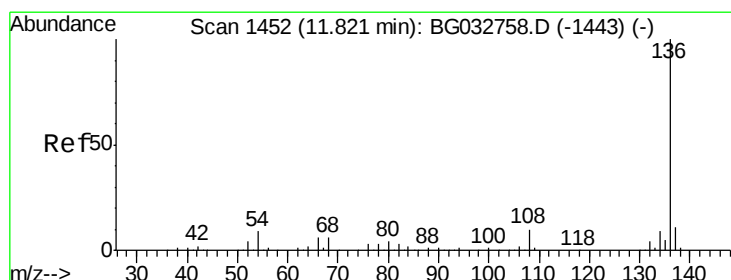
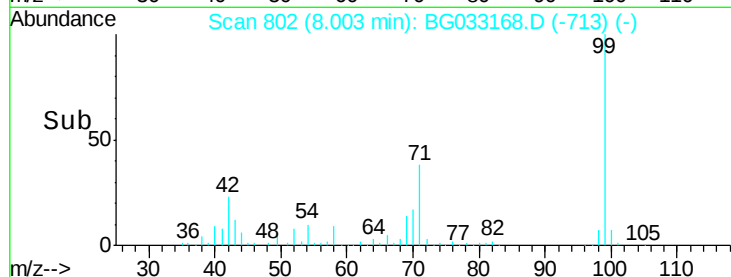
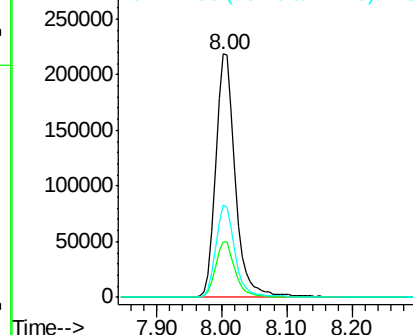
99 100

42 22.8 14.1 21.1#

71 38.2 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: 20.000 ng

RT: 11.78 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BG033168.D

Acq: 15 Mar 2018 6:23

Tgt Ion: 136 Resp: 163743

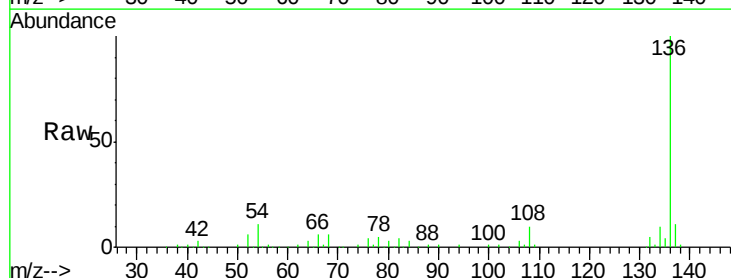
Ion Ratio Lower Upper

136 100

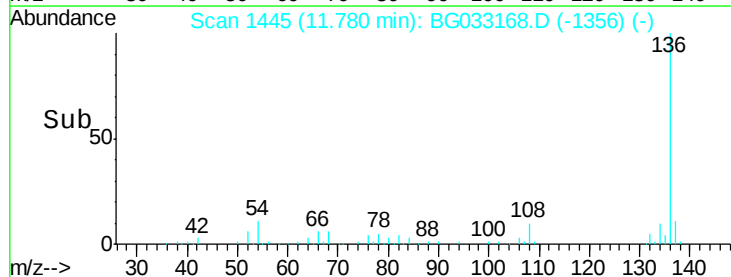
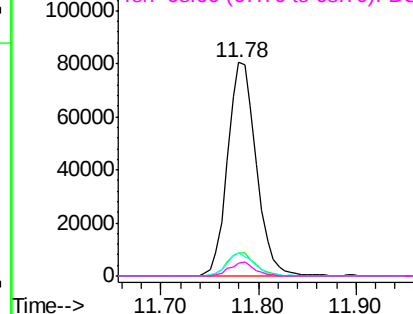
137 10.9 9.2 13.8

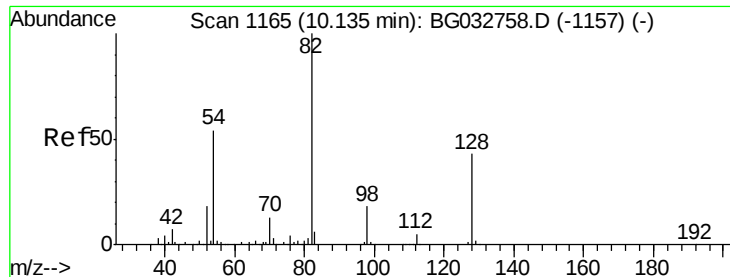
54 10.9 10.3 15.5

68 5.7 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: 139.345 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BG033168.D

Acq: 15 Mar 2018 6:23

Instrument :

BNA_G

ClientSampleId :

CL-01-031318-D

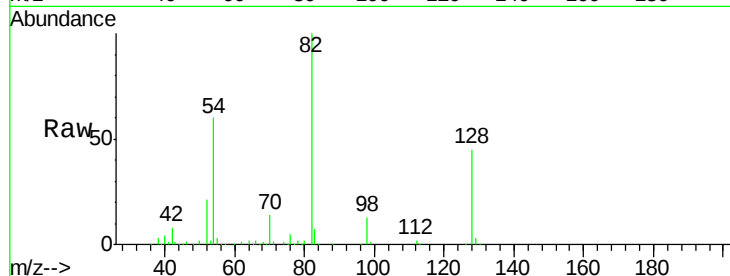
Tot Ion: 82 Resp: 345724

Ion Ratio Lower Upper

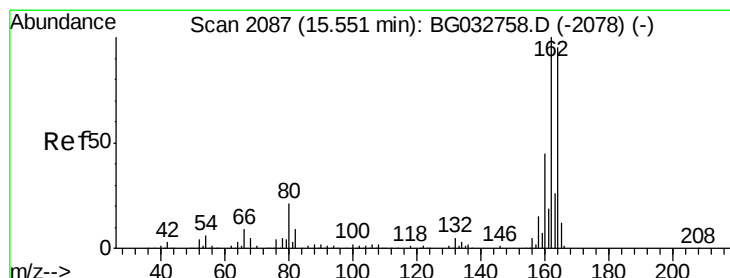
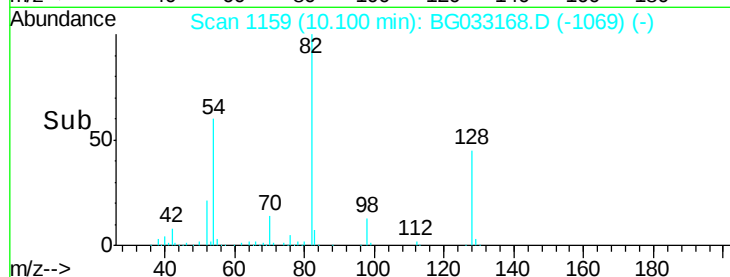
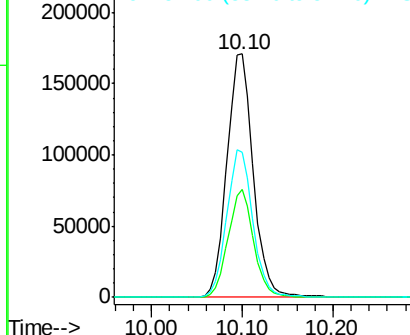
82 100

128 44.6 29.7 44.5#

54 59.8 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: BG033168.D

Acq: 15 Mar 2018 6:23

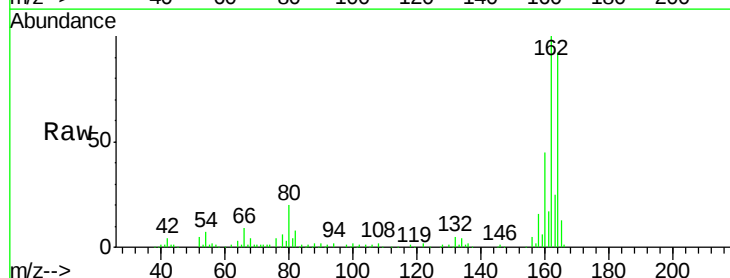
Tgt Ion:164 Resp: 97351

Ion Ratio Lower Upper

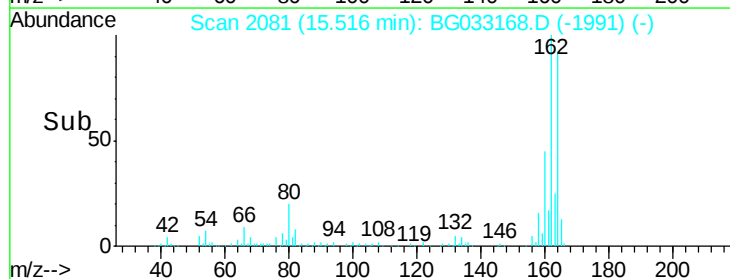
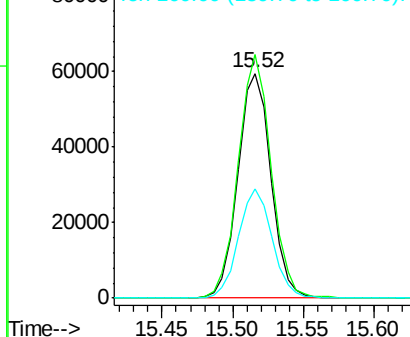
164 100

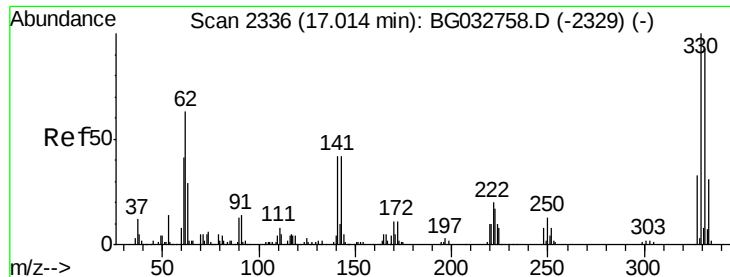
162 108.4 78.8 118.2

160 48.6 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

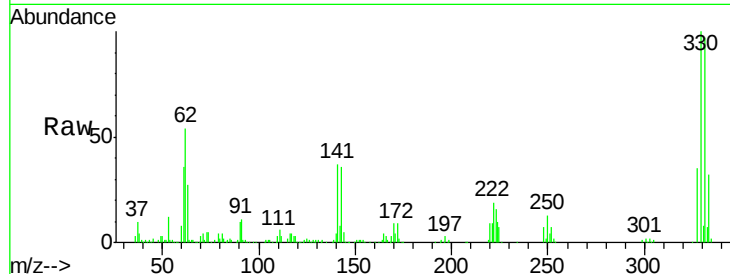




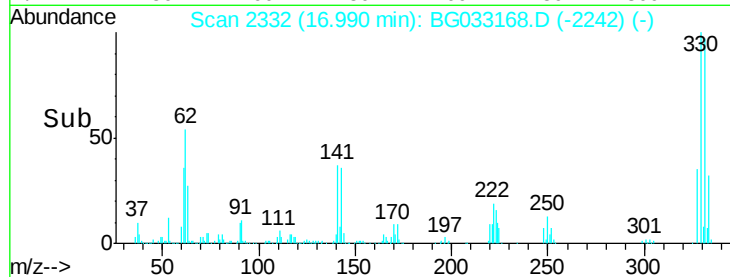
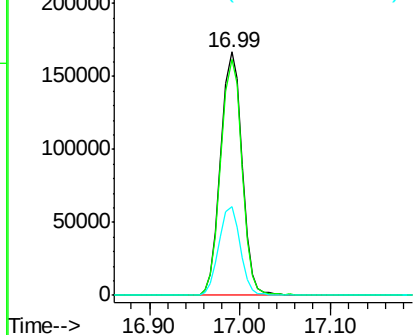
#41
 2,4,6-Tribromophenol
 Concen: 267.711 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. -0.00 min
 Lab File: BG033168.D
 Acq: 15 Mar 2018 6:23

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-031318-D

Tot Ion:330 Resp: 274032
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 36.5 25.2 37.8

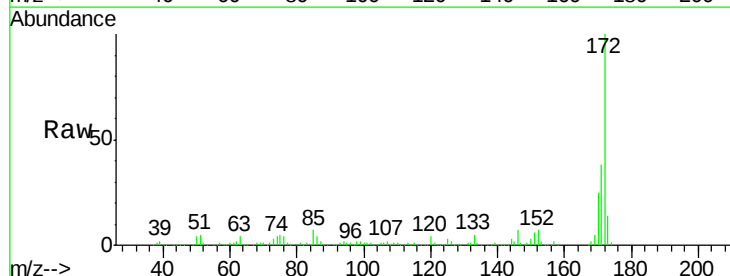


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

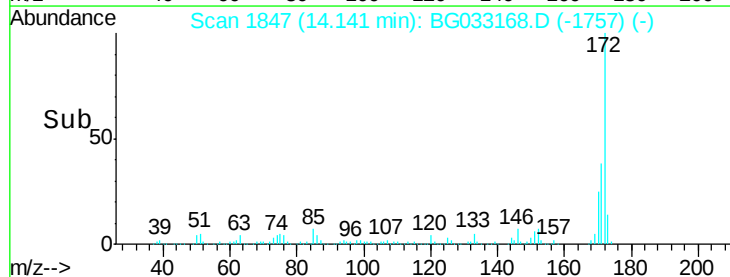
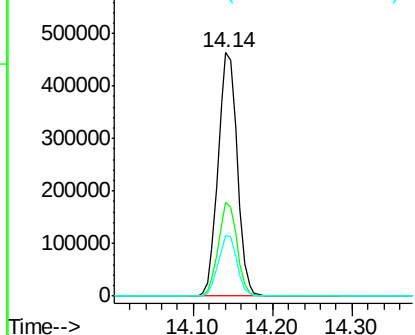


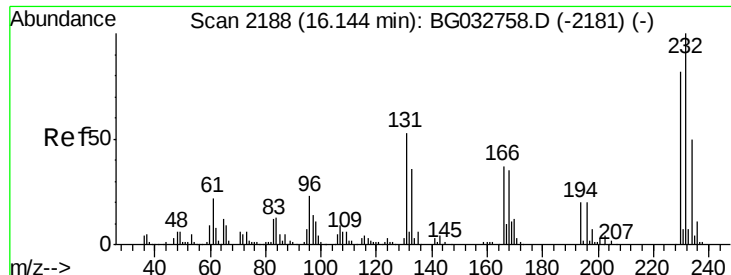
#44
 2-Fluorobiphenyl
 Concen: 114.662 ng
 RT: 14.14 min Scan# 1847
 Delta R.T. -0.00 min
 Lab File: BG033168.D
 Acq: 15 Mar 2018 6:23

Tgt Ion:172 Resp: 773963
 Ion Ratio Lower Upper
 172 100
 171 38.4 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

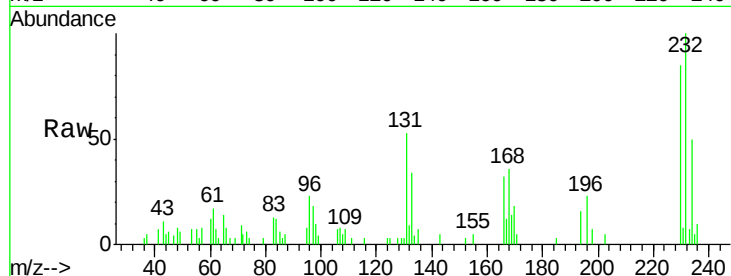




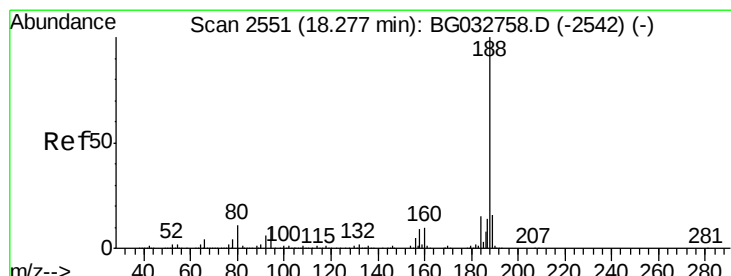
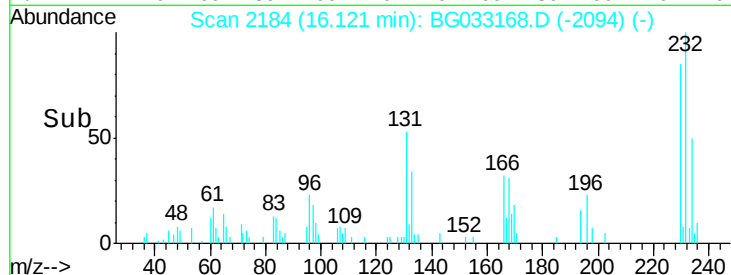
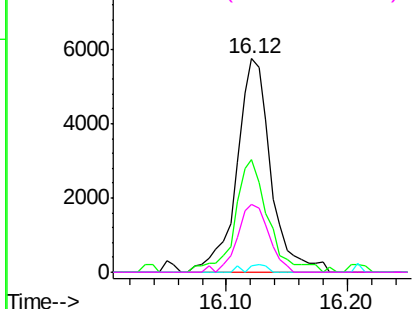
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 6.903 ng
 RT: 16.12 min Scan# 2184
 Delta R.T. -0.00 min
 Lab File: BG033168.D
 Acq: 15 Mar 2018 6:23

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-031318-D

Tot Ion:232 Resp: 11304
 Ion Ratio Lower Upper
 232 100
 131 51.9 33.5 50.3#
 130 2.3 2.2 3.2
 166 29.5 24.8 37.2

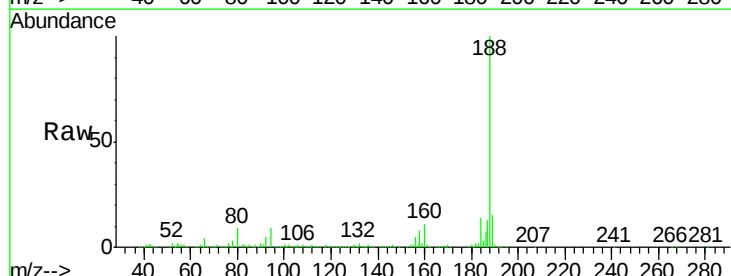


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

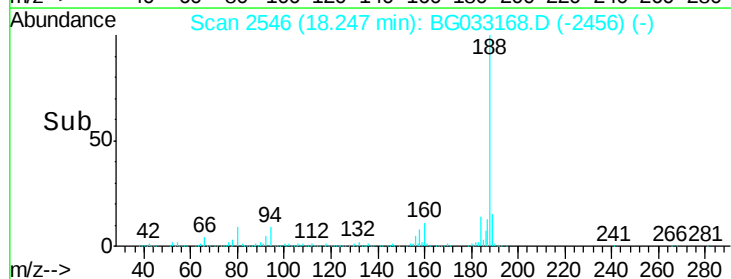
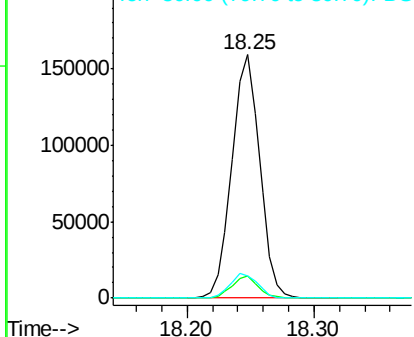


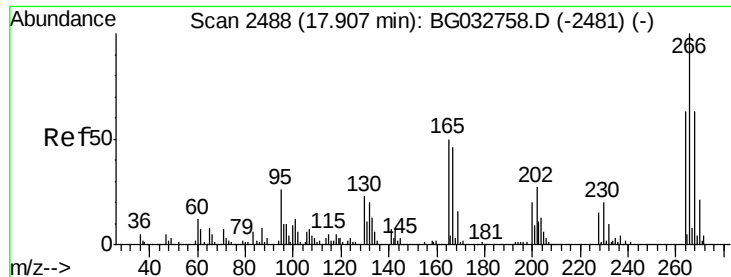
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. -0.00 min
 Lab File: BG033168.D
 Acq: 15 Mar 2018 6:23

Tgt Ion:188 Resp: 242188
 Ion Ratio Lower Upper
 188 100
 94 8.9 6.9 10.3
 80 9.4 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

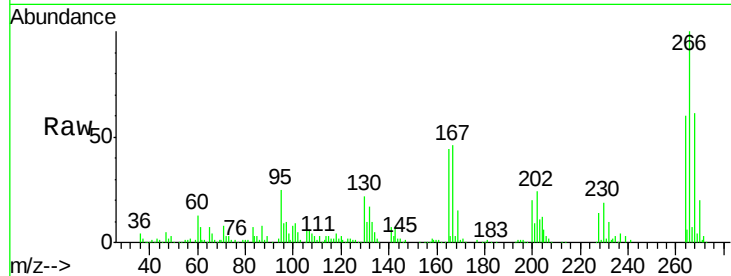




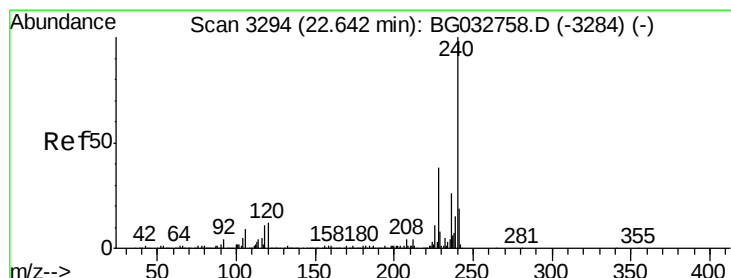
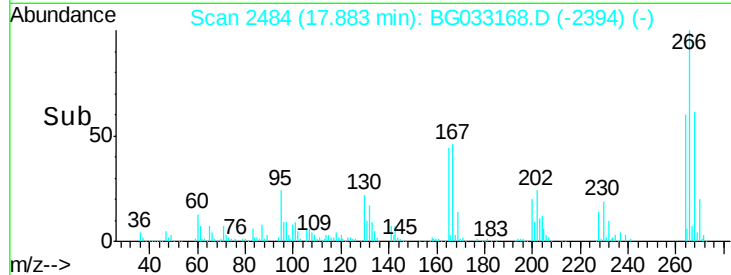
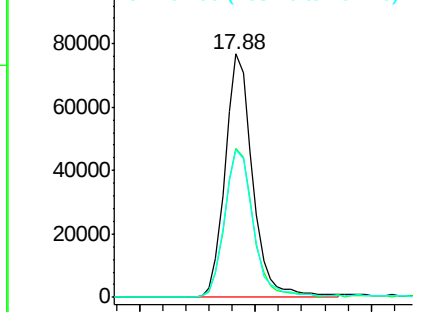
#69
 Pentachlorophenol
 Concen: 72.903 ng
 RT: 17.88 min Scan# 2484
 Delta R.T. -0.00 min
 Lab File: BG033168.D
 Acq: 15 Mar 2018 6:23

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-031318-D

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.0	51.1	76.7
264	60.4	49.6	74.4

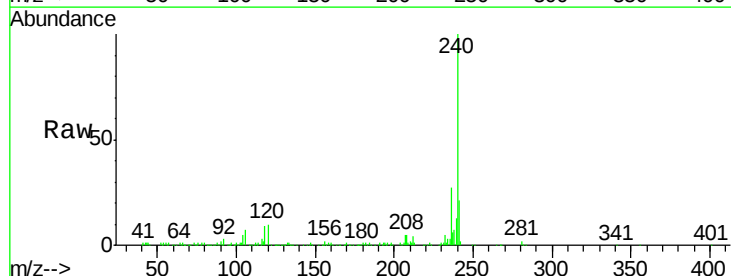


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

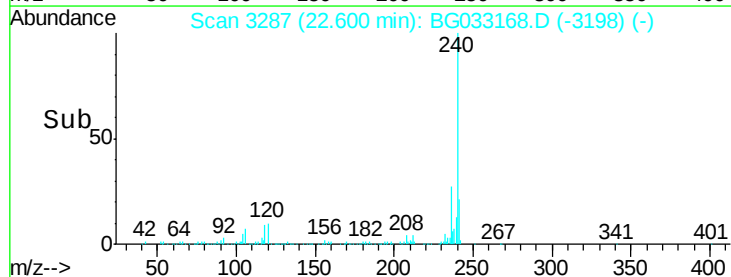
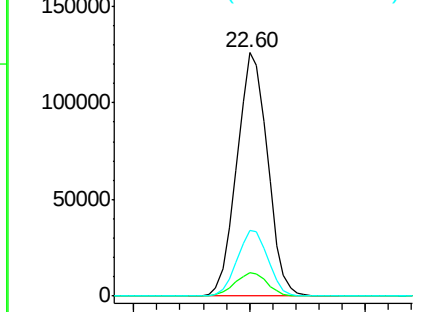


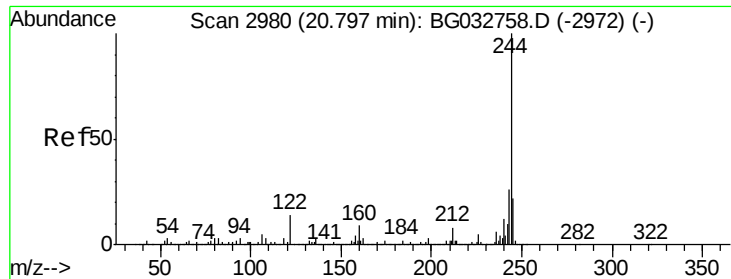
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.60 min Scan# 3287
 Delta R.T. -0.01 min
 Lab File: BG033168.D
 Acq: 15 Mar 2018 6:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.9	6.8	10.2
236	26.7	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: 131.712 ng

RT: 20.77 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BG033168.D

Acq: 15 Mar 2018 6:23

Instrument :

BNA_G

ClientSampleId :

CL-01-031318-D

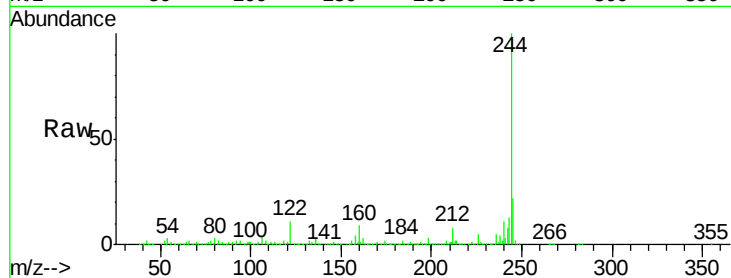
Tot Ion:244 Resp: 1364974

Ion Ratio Lower Upper

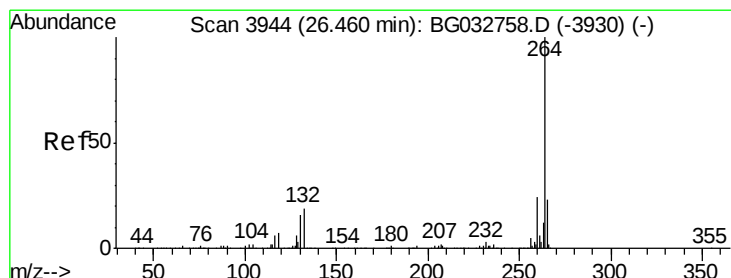
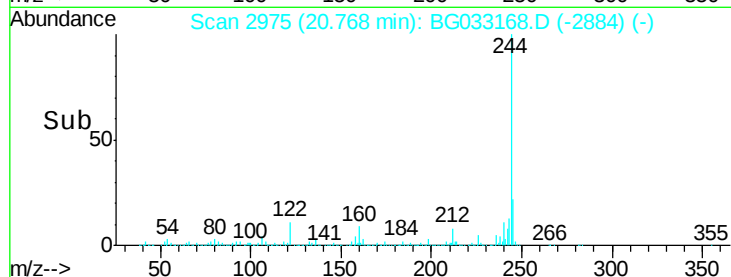
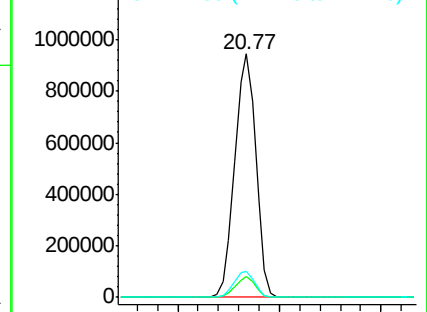
244 100

212 8.3 5.8 8.8

122 10.8 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# 3936

Delta R.T. 0.00 min

Lab File: BG033168.D

Acq: 15 Mar 2018 6:23

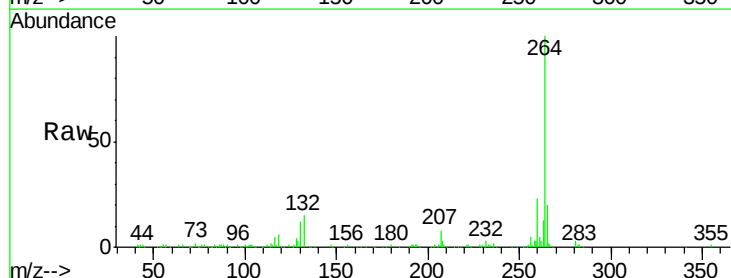
Tgt Ion:264 Resp: 247666

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.0

265 20.4 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

