

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
 Data File : BG033169.D
 Acq On : 15 Mar 2018 7:00
 Operator : SJ/JU
 Sample : J1754-10
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

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

Quant Time: Mar 15 08:09:05 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

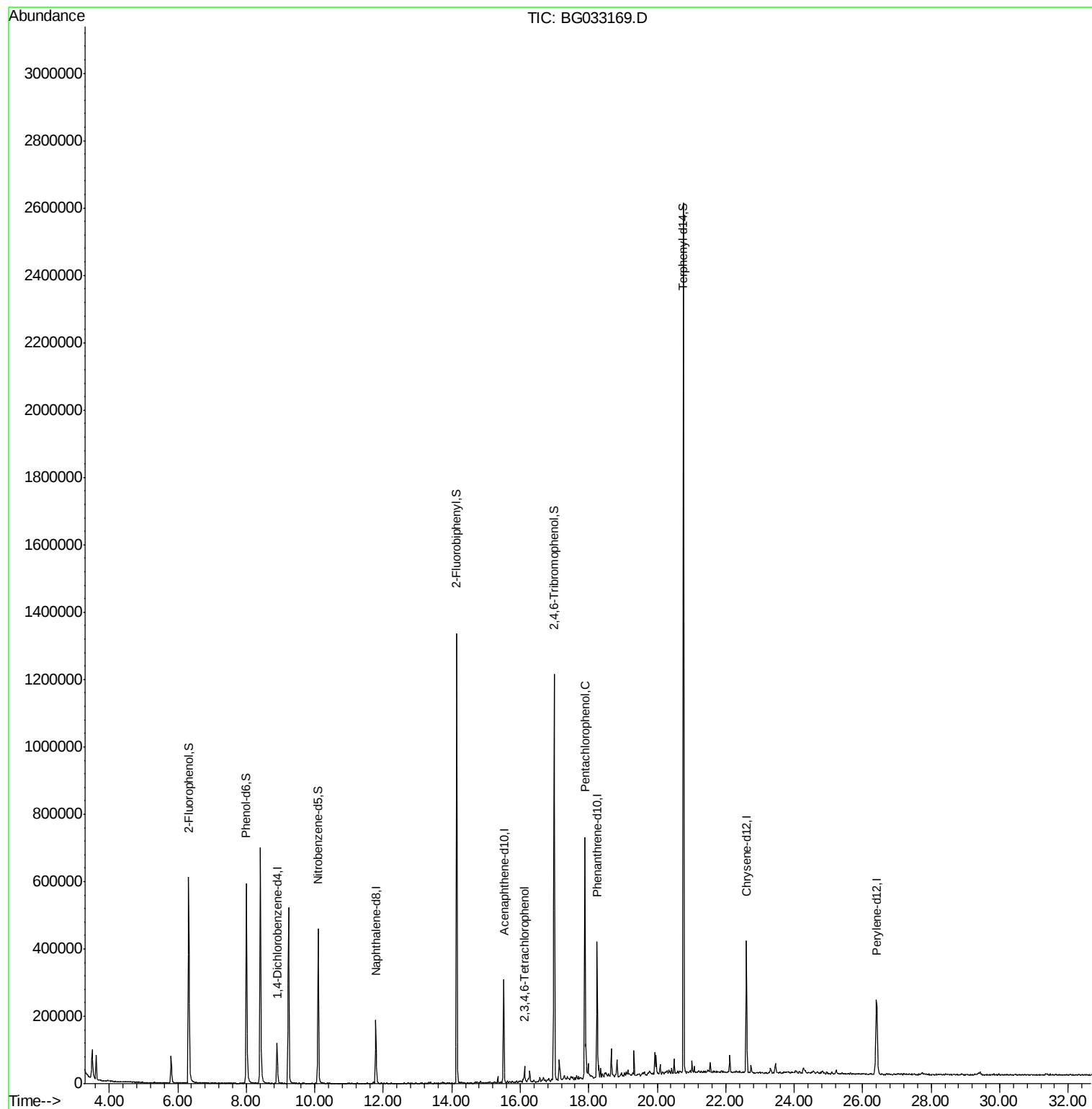
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	38661	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	173593	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	106853	20.00	ng	0.00
63) Phenanthrene-d10	18.24	188	260534	20.00	ng	0.00
75) Chrysene-d12	22.60	240	250873	20.00	ng	0.00
86) Perylene-d12	26.41	264	267014	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.32	112	320301	132.55	ng	0.00
7) Phenol-d6	8.00	99	388788	115.43	ng	0.00
23) Nitrobenzene-d5	10.10	82	302061	116.58	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	246858	219.72	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	705132	95.18	ng	0.00
78) Terphenyl-d14	20.77	244	1244875	111.49	ng	0.00
Target Compounds						
58) 2,3,4,6-Tetrachlorophenol	16.12	232	11793	6.561	ng	92
69) Pentachlorophenol	17.88	266	140585	74.971	ng	97

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

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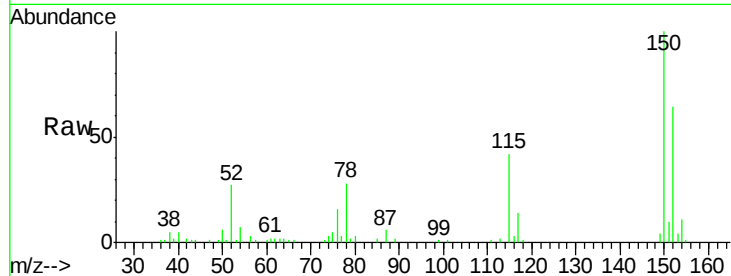


#1

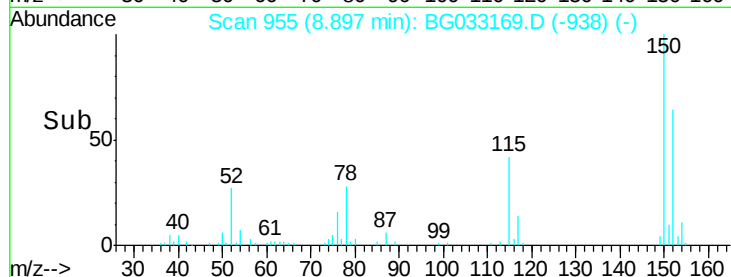
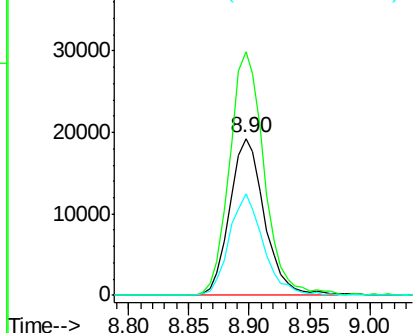
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.90 min Scan# 955
Delta R.T. -0.00 min
Lab File: BG033169.D
Acq: 15 Mar 2018 7:00

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

Tot Ion:152 Resp: 38661
Ion Ratio Lower Upper
152 100
150 155.1 126.6 189.8
115 64.5 53.0 79.4



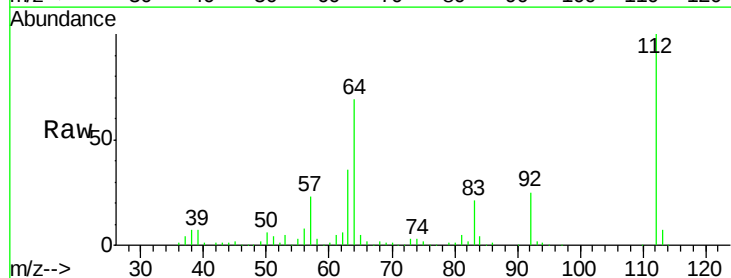
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



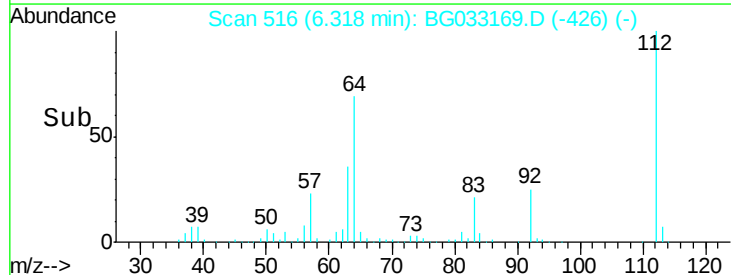
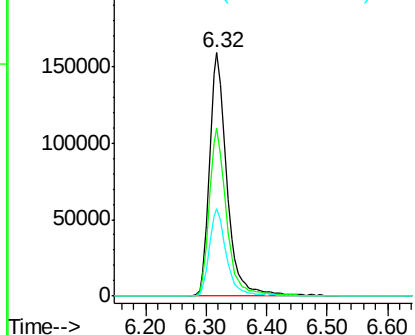
#5

2-Fluorophenol
Concen: 132.546 ng
RT: 6.32 min Scan# 516
Delta R.T. -0.00 min
Lab File: BG033169.D
Acq: 15 Mar 2018 7:00

Tgt Ion:112 Resp: 320301
Ion Ratio Lower Upper
112 100
64 68.8 56.3 84.5
63 35.8 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: 115.425 ng

RT: 8.00 min Scan# 803

Delta R.T. -0.01 min

Lab File: BG033169.D

Acq: 15 Mar 2018 7:00

Instrument :

BNA_G

ClientSampleId :

CL-01-031318-E

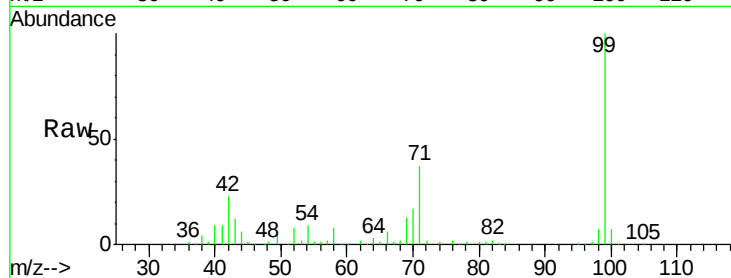
Tot Ion: 99 Resp: 388788

Ion Ratio Lower Upper

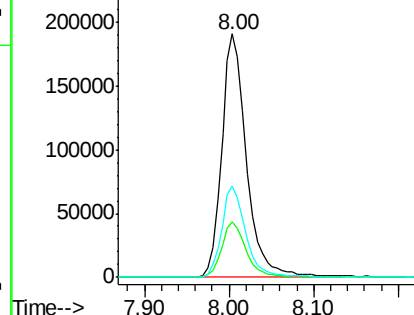
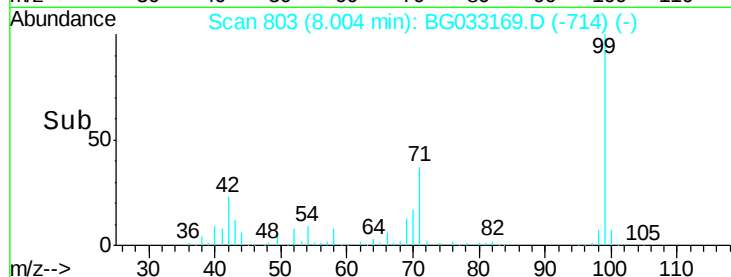
99 100

42 23.0 14.1 21.1#

71 37.5 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# 1446

Delta R.T. -0.01 min

Lab File: BG033169.D

Acq: 15 Mar 2018 7:00

Tgt Ion: 136 Resp: 173593

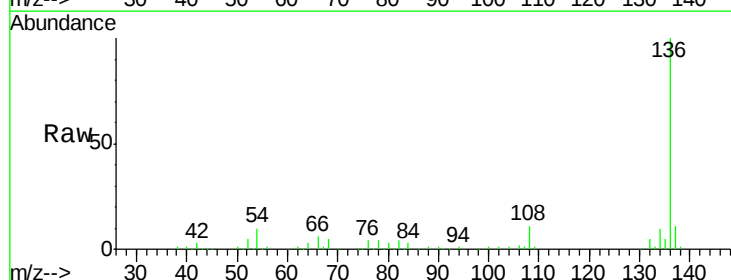
Ion Ratio Lower Upper

136 100

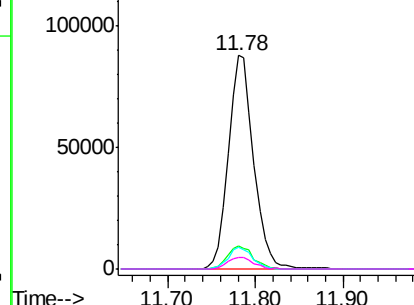
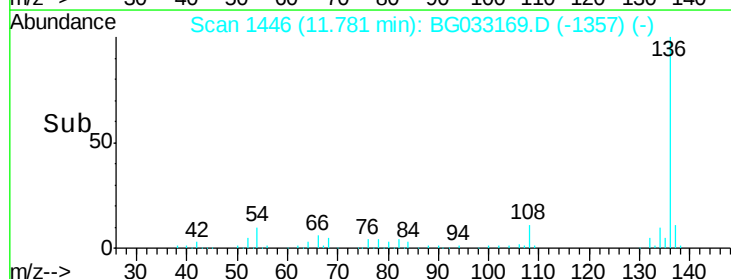
137 10.8 9.2 13.8

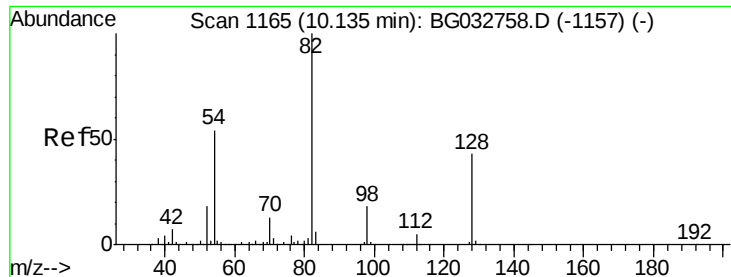
54 10.1 10.3 15.5#

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: 116.582 ng

RT: 10.10 min Scan# 1159

Delta R.T. -0.01 min

Lab File: BG033169.D

Acq: 15 Mar 2018 7:00

Instrument :

BNA_G

ClientSampleId :

CL-01-031318-E

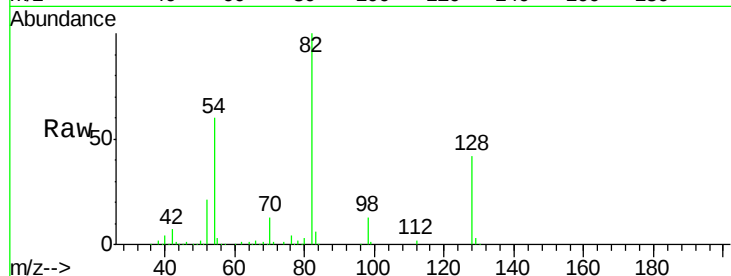
Tot Ion: 82 Resp: 302061

Ion Ratio Lower Upper

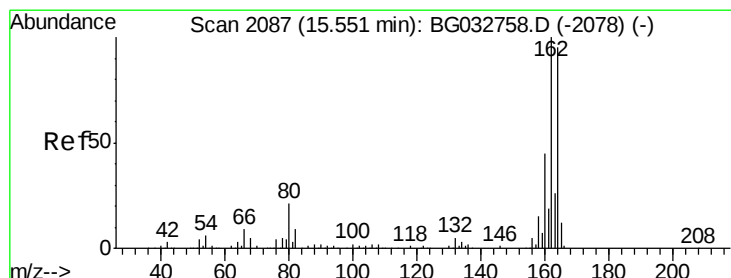
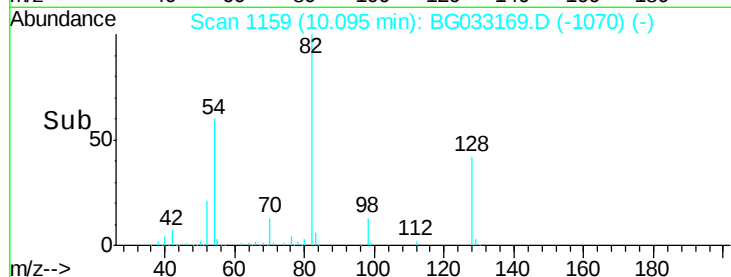
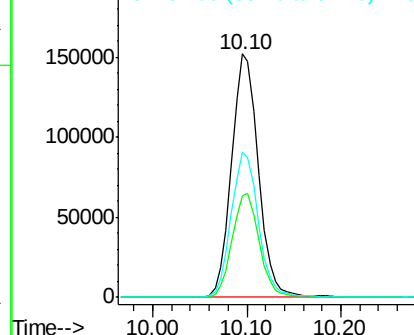
82 100

128 41.5 29.7 44.5

54 59.7 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# 2082

Delta R.T. -0.00 min

Lab File: BG033169.D

Acq: 15 Mar 2018 7:00

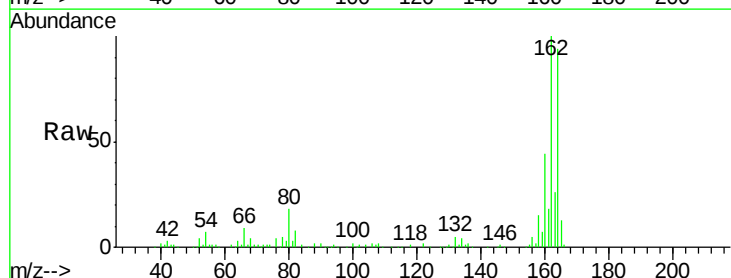
Tgt Ion:164 Resp: 106853

Ion Ratio Lower Upper

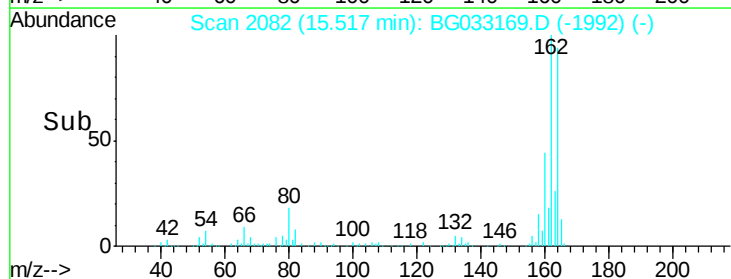
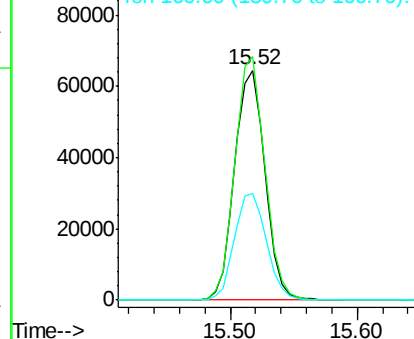
164 100

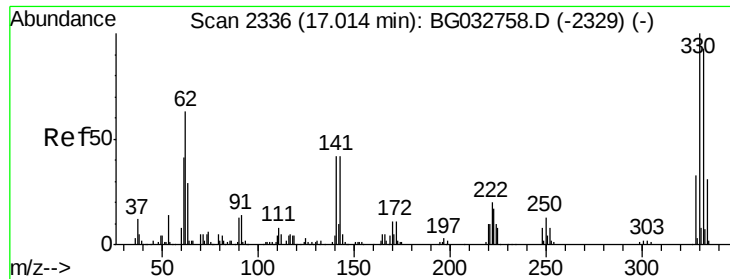
162 106.1 78.8 118.2

160 46.4 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

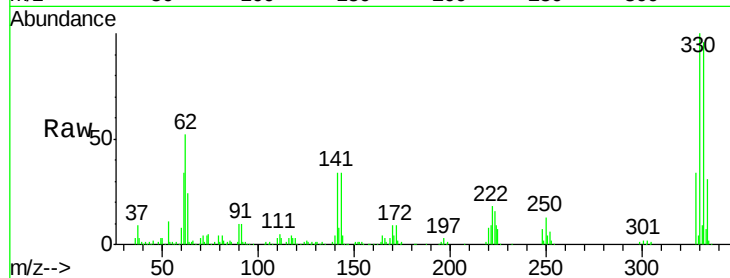




#41
 2,4,6-Tribromophenol
 Concen: 219.718 ng
 RT: 16.99 min Scan# 2333
 Delta R.T. -0.00 min
 Lab File: BG033169.D
 Acq: 15 Mar 2018 7:00

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	36.9	25.2	37.8

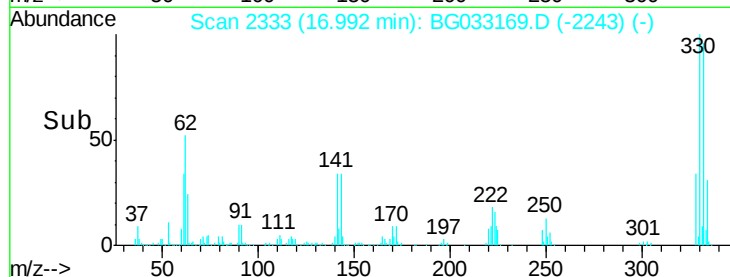
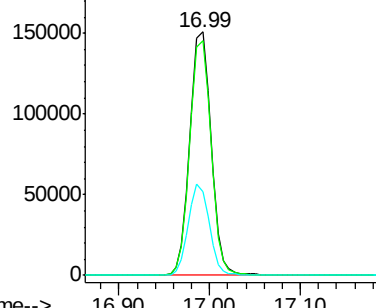


Abundance

Ion 329.80 (329.50 to 330.50): E

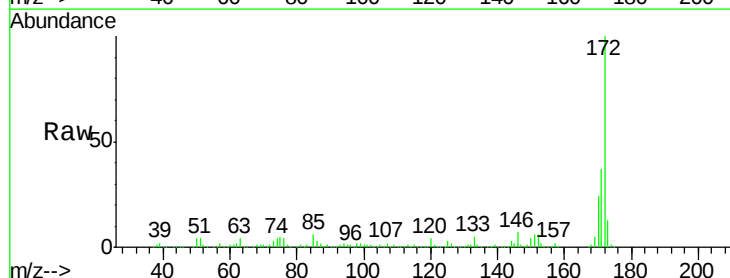
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 95.175 ng
 RT: 14.14 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BG033169.D
 Acq: 15 Mar 2018 7:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	24.5	19.5	29.3

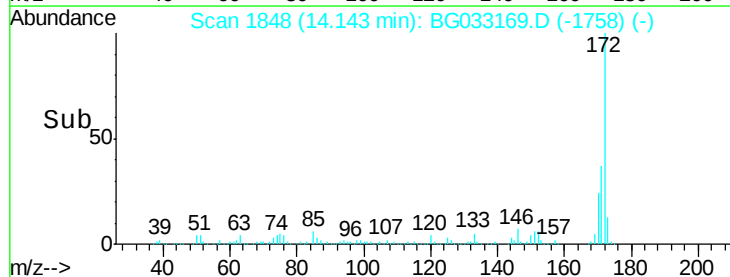
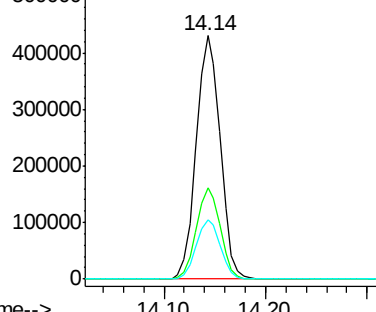


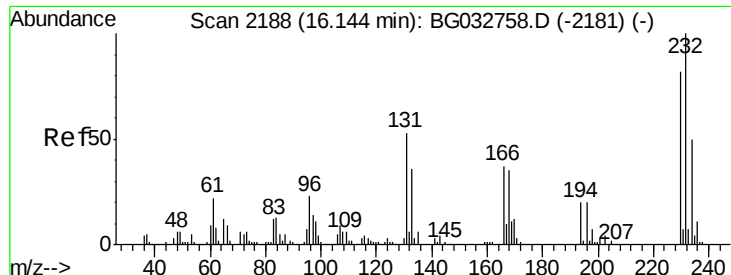
Abundance

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

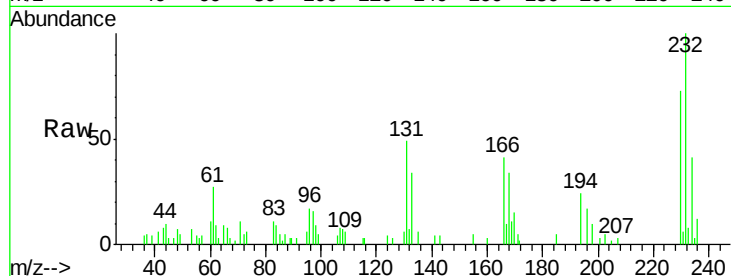




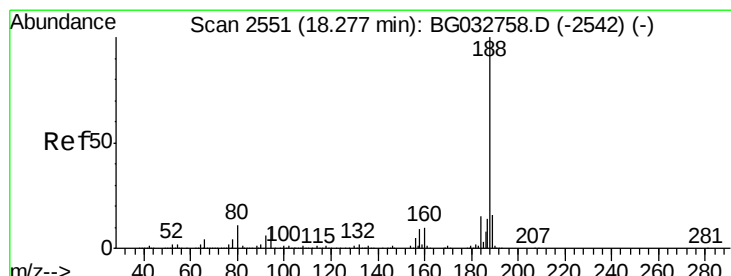
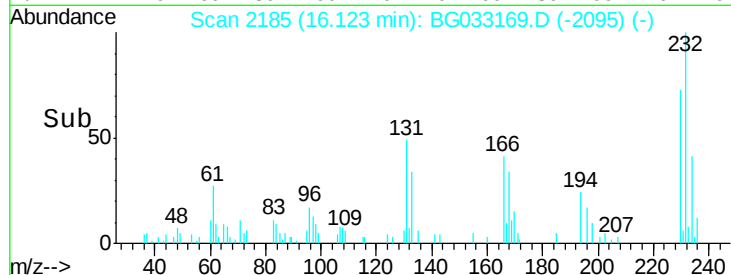
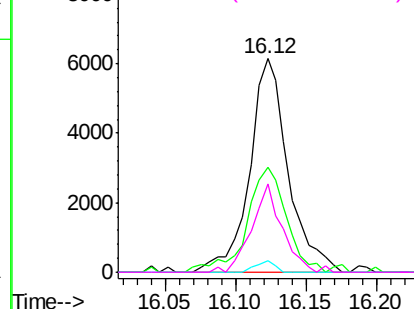
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 6.561 ng
 RT: 16.12 min Scan# 2185
 Delta R.T. -0.00 min
 Lab File: BG033169.D
 Acq: 15 Mar 2018 7:00

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

Tot Ion:232 Resp: 11793
 Ion Ratio Lower Upper
 232 100
 131 50.0 33.5 50.3
 130 2.7 2.2 3.2
 166 32.3 24.8 37.2

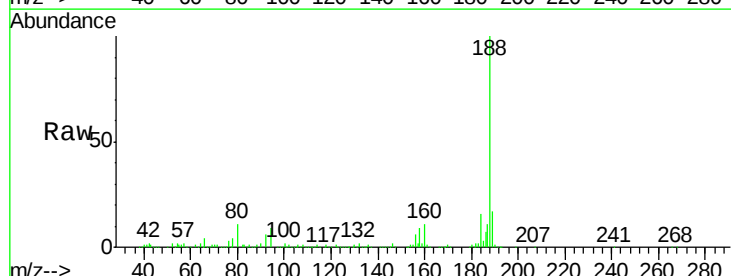


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

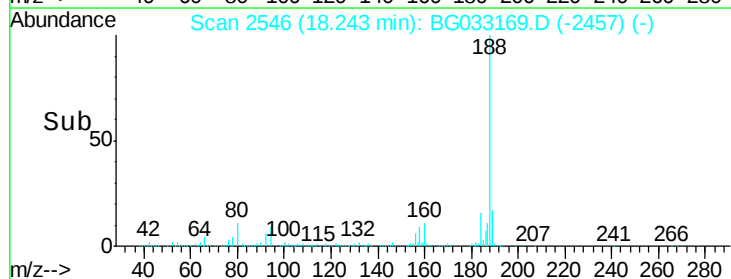
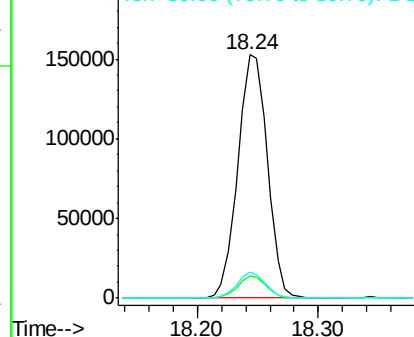


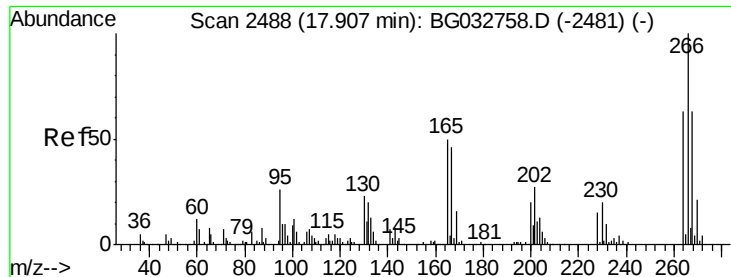
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.24 min Scan# 2546
 Delta R.T. -0.01 min
 Lab File: BG033169.D
 Acq: 15 Mar 2018 7:00

Tgt Ion:188 Resp: 260534
 Ion Ratio Lower Upper
 188 100
 94 8.9 6.9 10.3
 80 10.5 7.7 11.5



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





#69

Pentachlorophenol

Concen: 74.971 ng

RT: 17.88 min Scan# 2485

Delta R.T. -0.00 min

Lab File: BG033169.D

Acq: 15 Mar 2018 7:00

Instrument :

BNA_G

ClientSampleId :

CL-01-031318-E

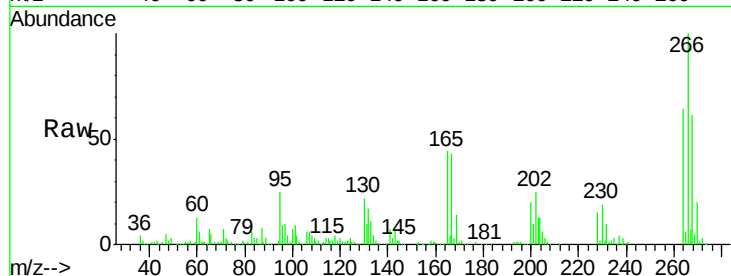
Tot Ion:266 Resp: 140585

Ion Ratio Lower Upper

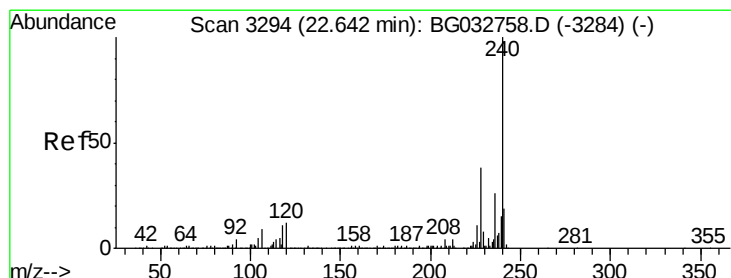
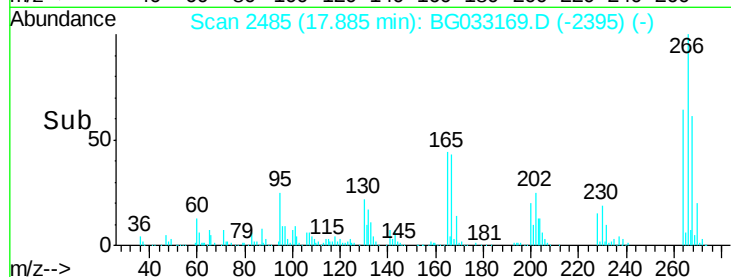
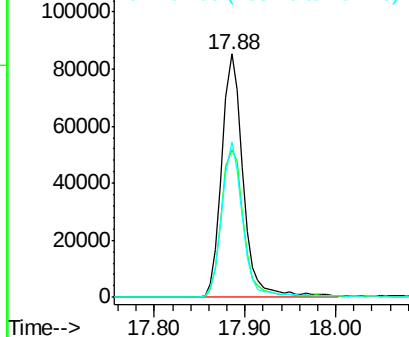
266 100

268 60.7 51.1 76.7

264 63.9 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# 3288

Delta R.T. -0.01 min

Lab File: BG033169.D

Acq: 15 Mar 2018 7:00

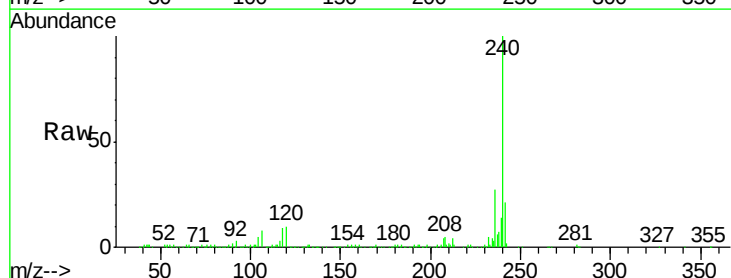
Tgt Ion:240 Resp: 250873

Ion Ratio Lower Upper

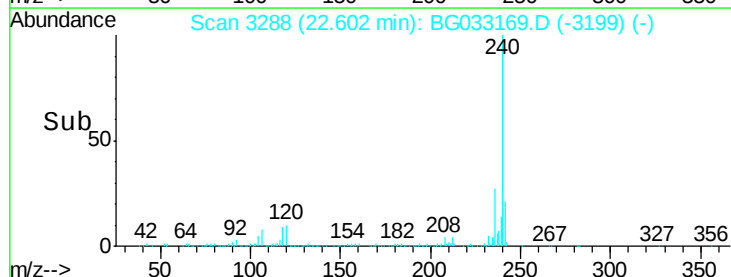
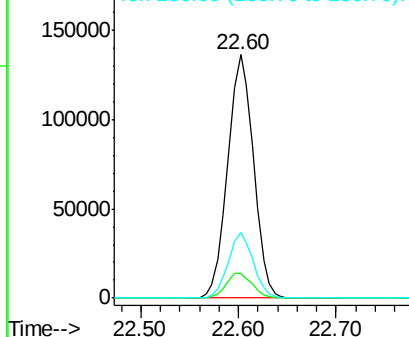
240 100

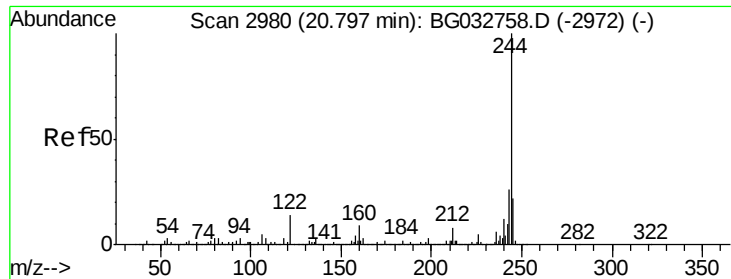
120 10.4 6.8 10.2#

236 27.0 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: 111.487 ng

RT: 20.77 min Scan# 2976

Delta R.T. 0.01 min

Lab File: BG033169.D

Acq: 15 Mar 2018 7:00

Instrument :

BNA_G

ClientSampleId :

CL-01-031318-E

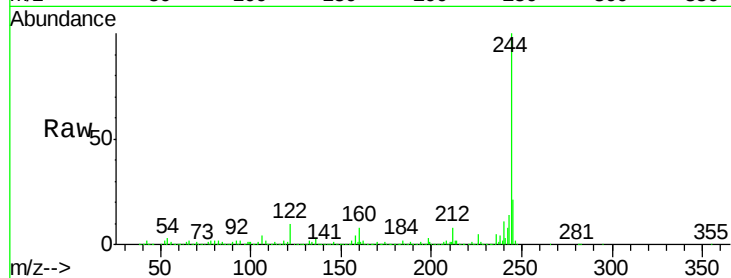
Tot Ion:244 Resp: 1244875

Ion Ratio Lower Upper

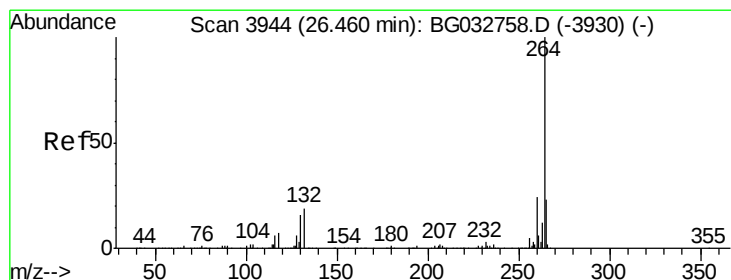
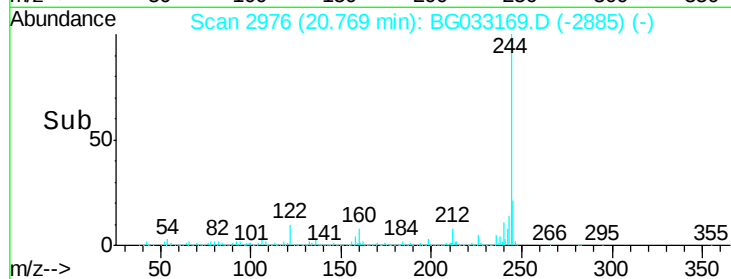
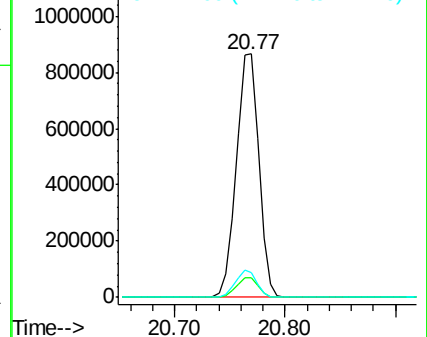
244 100

212 8.1 5.8 8.8

122 10.3 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: BG033169.D

Acq: 15 Mar 2018 7:00

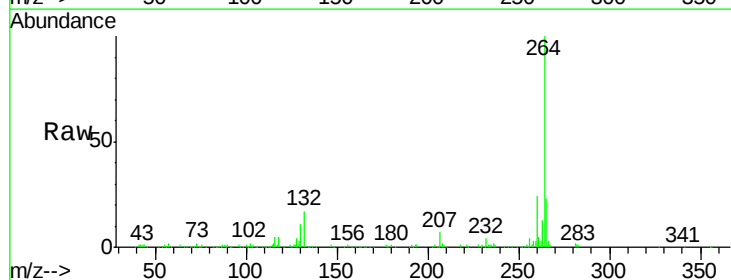
Tgt Ion:264 Resp: 267014

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 22.5 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

