

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG011718\
 Data File : BG032118.D
 Acq On : 18 Jan 2018 2:05
 Operator : SJ/JU
 Sample : J1021-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-011618

Quant Time: Jan 18 06:55:10 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 15 10:05:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	53075	20.00	ng	-0.03
21) Naphthalene-d8	11.63	136	200606	20.00	ng	-0.03
38) Acenaphthene-d10	15.38	164	136458	20.00	ng	-0.02
63) Phenanthrene-d10	18.11	188	377347	20.00	ng	-0.03
75) Chrysene-d12	22.45	240	451819	20.00	ng	-0.03
86) Perylene-d12	26.15	264	479033	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.18	112	374686	129.11	ng	-0.02
7) Phenol-d6	7.85	99	413979	113.27	ng	-0.03
23) Nitrobenzene-d5	9.94	82	313896	105.86	ng	-0.03
41) 2,4,6-Tribromophenol	16.86	330	377288	167.08	ng	-0.02
44) 2-Fluorobiphenyl	14.01	172	1069710	97.20	ng	-0.03
78) Terphenyl-d14	20.65	244	2086183	101.95	ng	-0.02

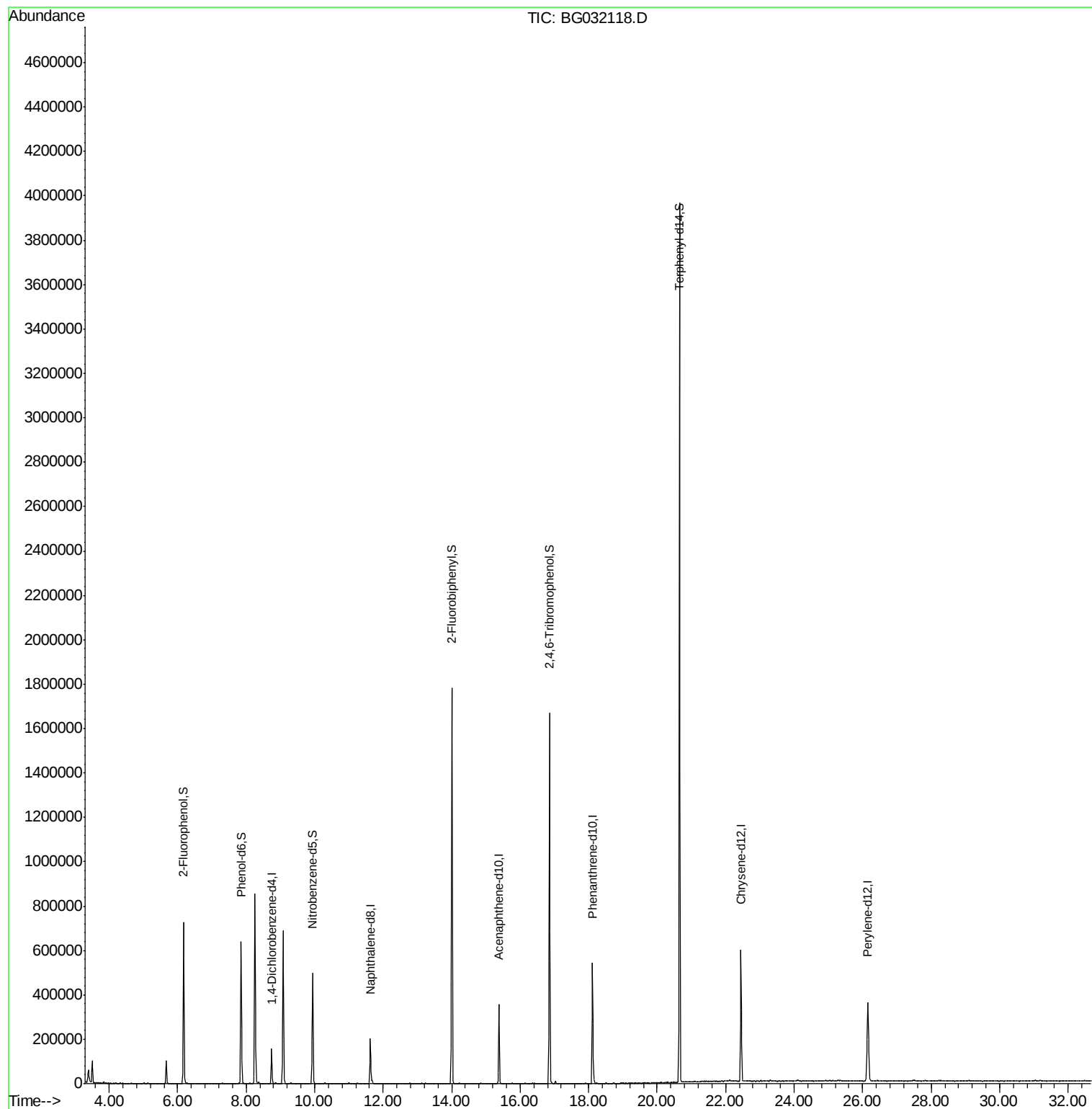
Target Compounds	Qvalue
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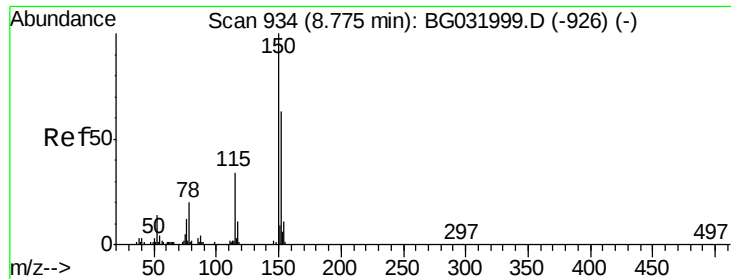
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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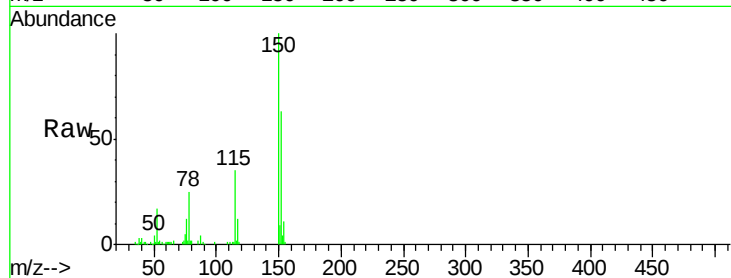


#1

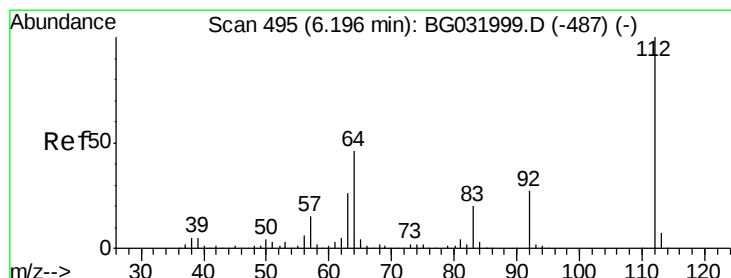
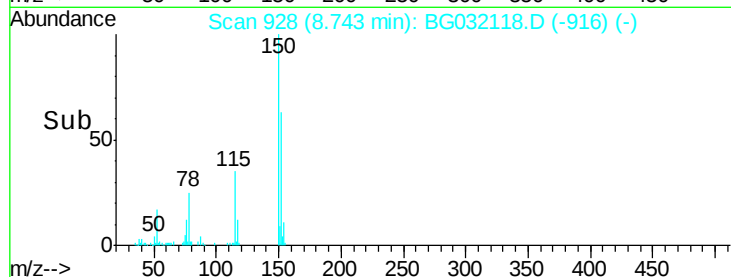
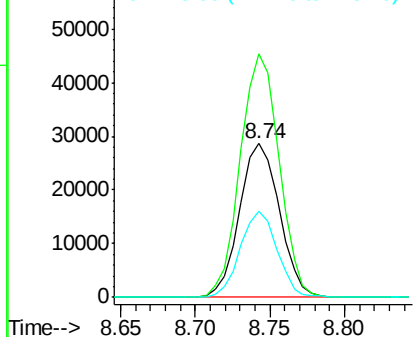
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.03 min
Lab File: BG032118.D
Acq: 18 Jan 2018 2:05

Instrument :
BNA_G
ClientSampleId :
SA-01-011618

Tgt Ion:152 Resp: 53075
Ion Ratio Lower Upper
152 100
150 158.4 126.6 189.8
115 56.1 53.0 79.4



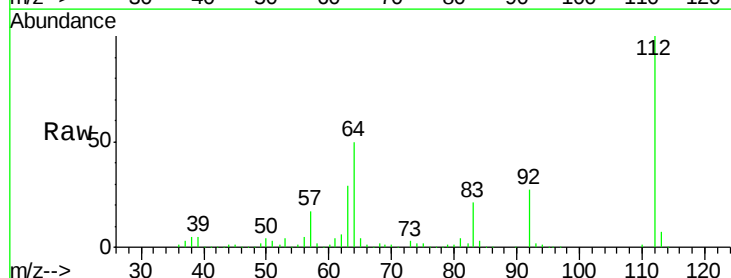
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



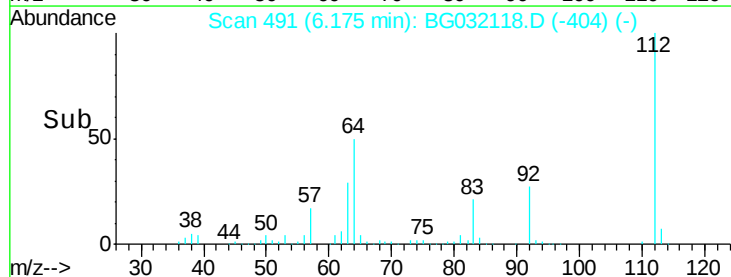
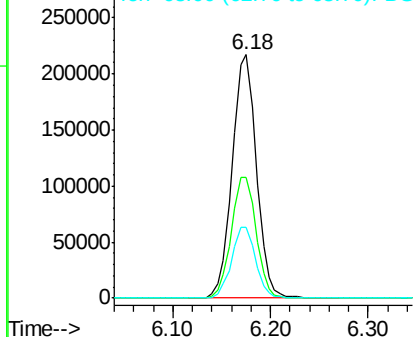
#5

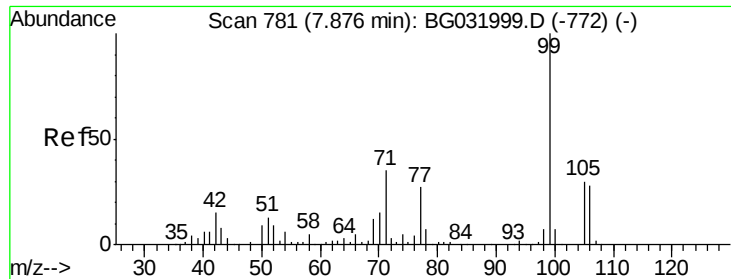
2-Fluorophenol
Concen: 129.115 ng
RT: 6.18 min Scan# 491
Delta R.T. -0.02 min
Lab File: BG032118.D
Acq: 18 Jan 2018 2:05

Tgt Ion:112 Resp: 374686
Ion Ratio Lower Upper
112 100
64 49.6 56.3 84.5#
63 29.1 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: 113.269 ng

RT: 7.85 min Scan# 776

Delta R.T. -0.03 min

Lab File: BG032118.D

Acq: 18 Jan 2018 2:05

Instrument :

BNA_G

ClientSampleId :

SA-01-011618

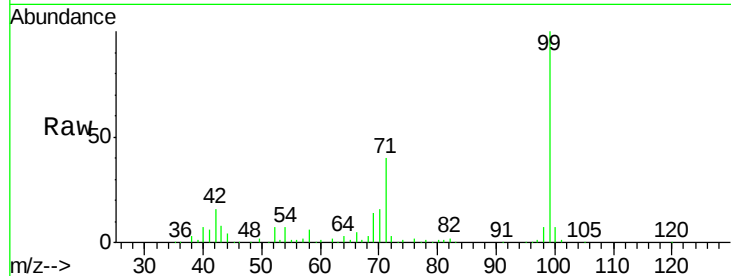
Tgt Ion: 99 Resp: 413979

Ion Ratio Lower Upper

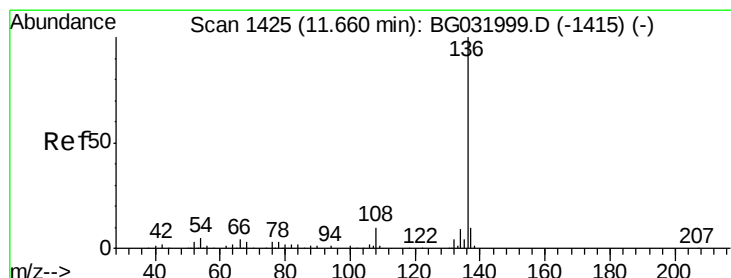
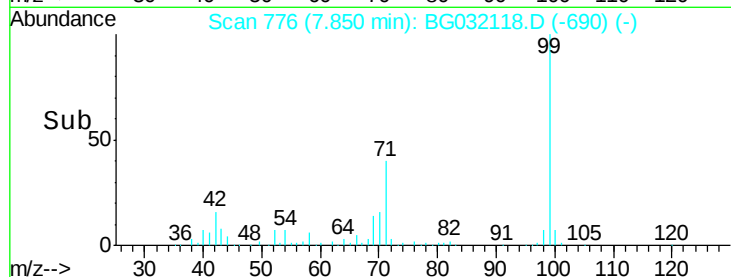
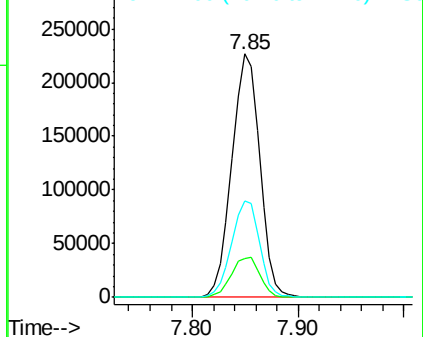
99 100

42 15.8 14.1 21.1

71 39.6 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: 20.000 ng

RT: 11.63 min Scan# 1419

Delta R.T. -0.03 min

Lab File: BG032118.D

Acq: 18 Jan 2018 2:05

Tgt Ion: 136 Resp: 200606

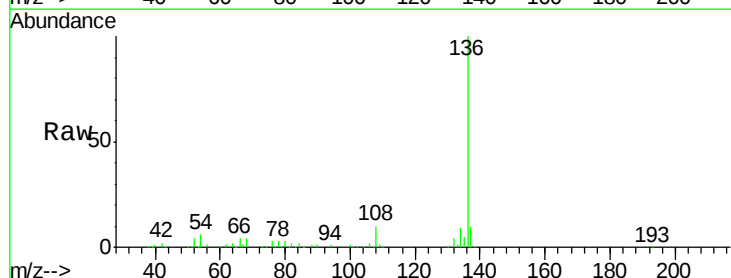
Ion Ratio Lower Upper

136 100

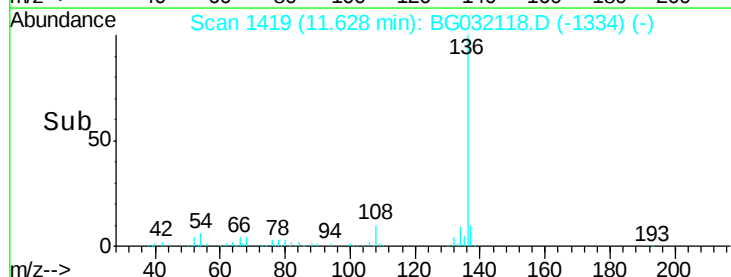
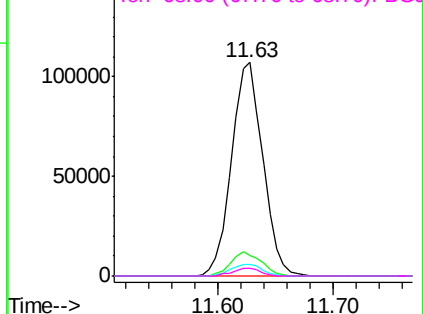
137 9.8 9.2 13.8

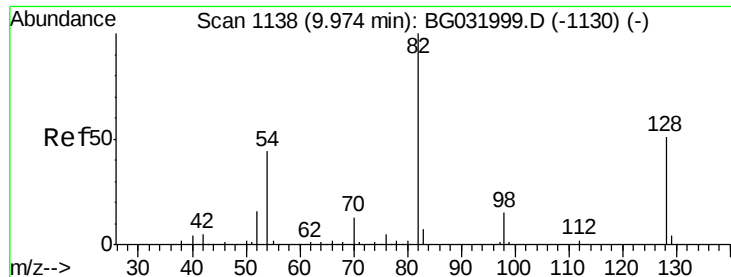
54 5.5 10.3 15.5#

68 3.7 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

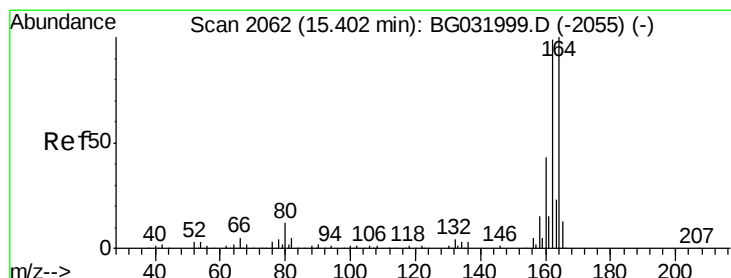
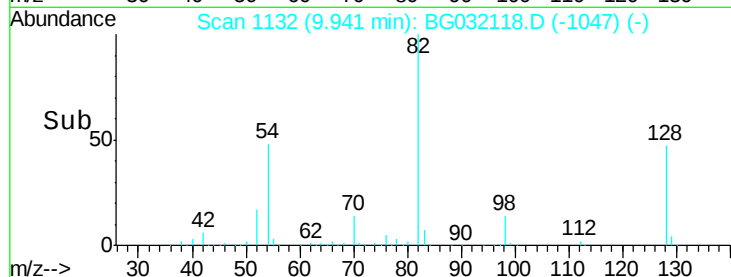
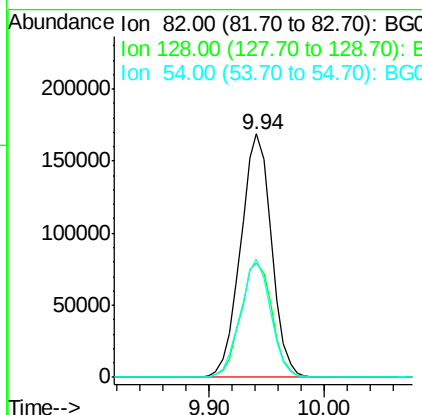
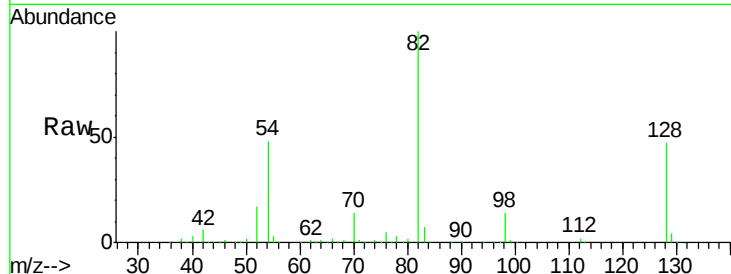




#23
Nitrobenzene-d5
Concen: 105.861 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.03 min
Lab File: BG032118.D
Acq: 18 Jan 2018 2:05

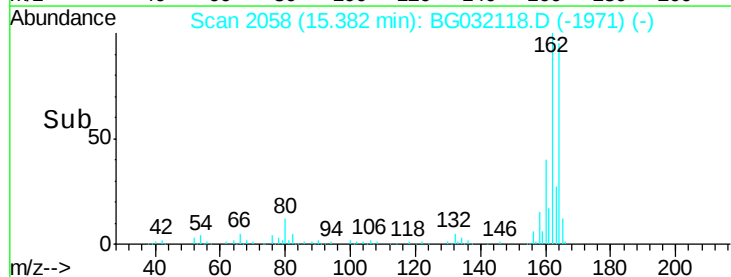
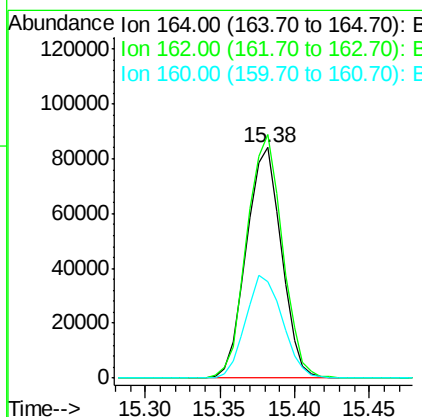
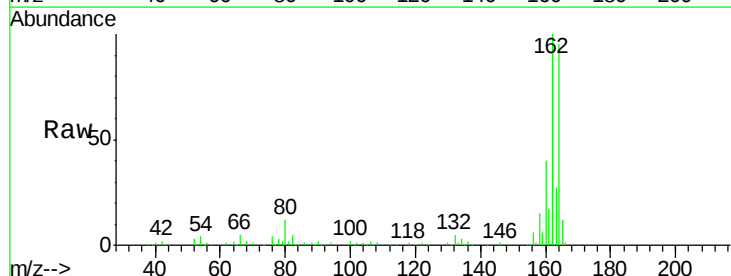
Instrument :
BNA_G
ClientSampleId :
SA-01-011618

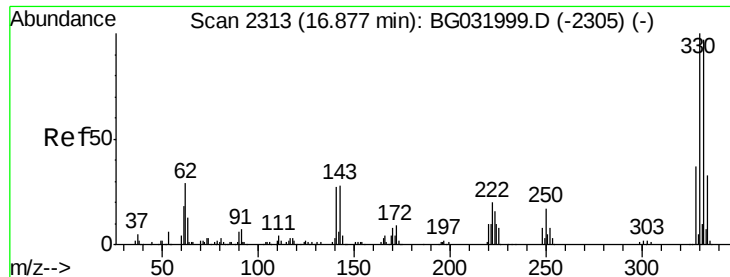
Tgt Ion: 82 Resp: 313896
Ion Ratio Lower Upper
82 100
128 47.0 29.7 44.5#
54 48.5 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.38 min Scan# 2058
Delta R.T. -0.02 min
Lab File: BG032118.D
Acq: 18 Jan 2018 2:05

Tgt Ion: 164 Resp: 136458
Ion Ratio Lower Upper
164 100
162 105.7 78.8 118.2
160 42.0 35.4 53.0

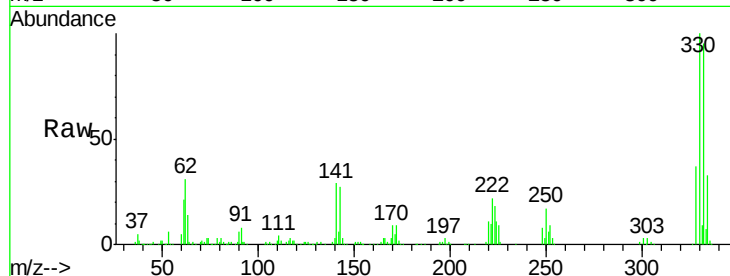




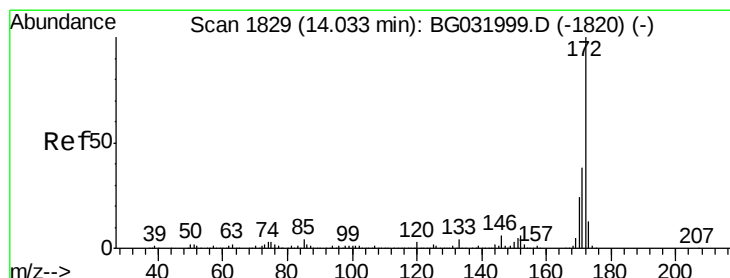
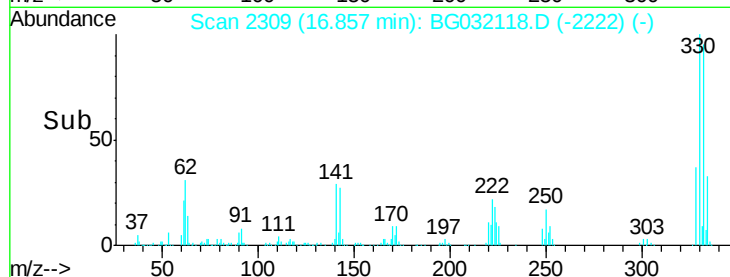
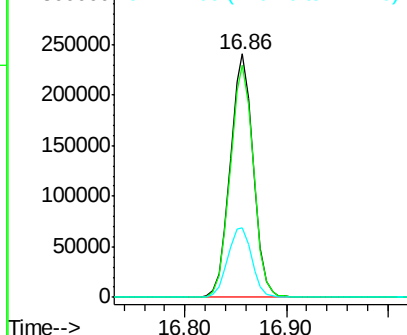
#41
 2,4,6-Tribromophenol
 Concen: 167.085 ng
 RT: 16.86 min Scan# 2309
 Delta R.T. -0.02 min
 Lab File: BG032118.D
 Acq: 18 Jan 2018 2:05

Instrument :
 BNA_G
 ClientSampleId :
 SA-01-011618

Tgt Ion:330 Resp: 377288
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.0 115.6
 141 29.9 25.2 37.8

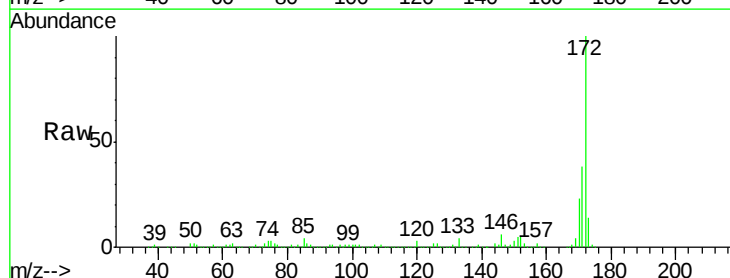


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

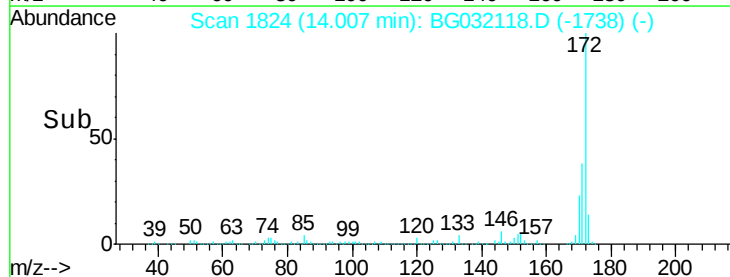
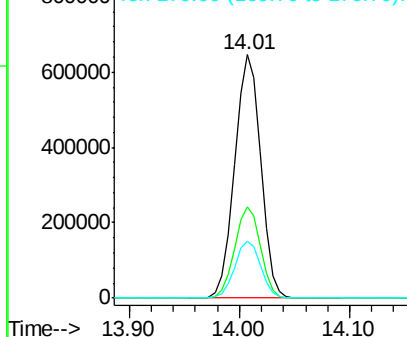


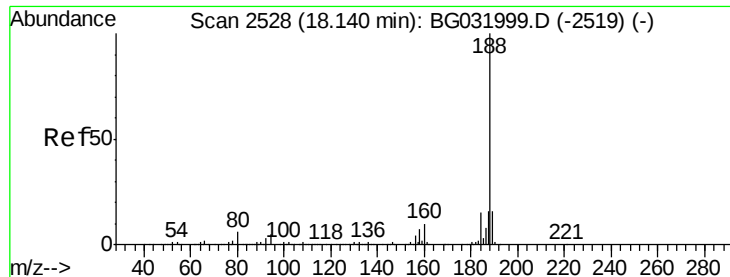
#44
 2-Fluorobiphenyl
 Concen: 97.201 ng
 RT: 14.01 min Scan# 1824
 Delta R.T. -0.03 min
 Lab File: BG032118.D
 Acq: 18 Jan 2018 2:05

Tgt Ion:172 Resp: 1069710
 Ion Ratio Lower Upper
 172 100
 171 37.7 30.0 45.0
 170 23.3 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: 18.11 min Scan# 2523

Delta R.T. -0.03 min

Lab File: BG032118.D

Acq: 18 Jan 2018 2:05

Instrument :

BNA_G

ClientSampleId :

SA-01-011618

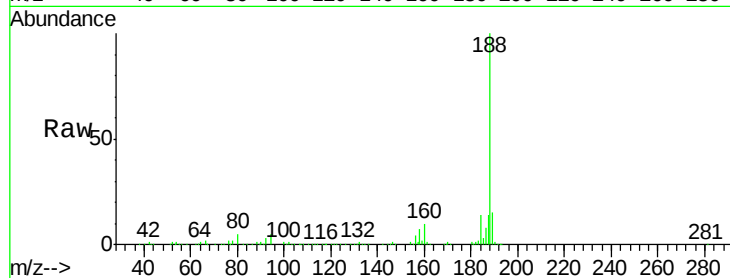
Tgt Ion:188 Resp: 377347

Ion Ratio Lower Upper

188 100

94 4.6 6.9 10.3#

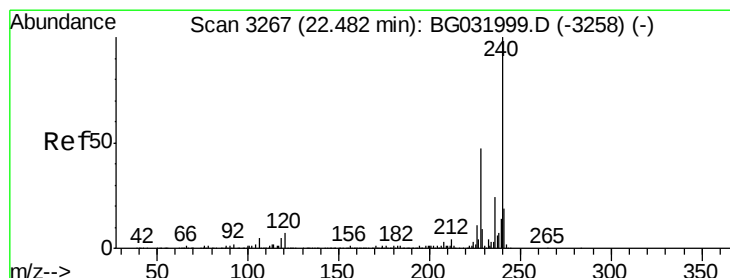
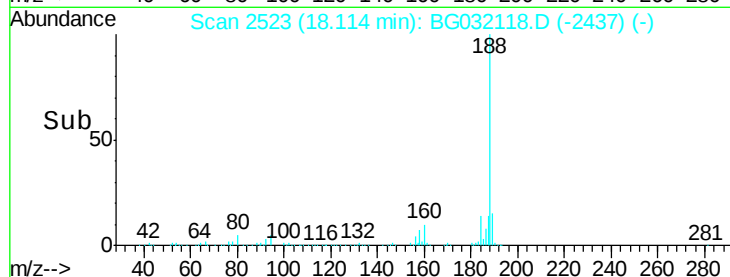
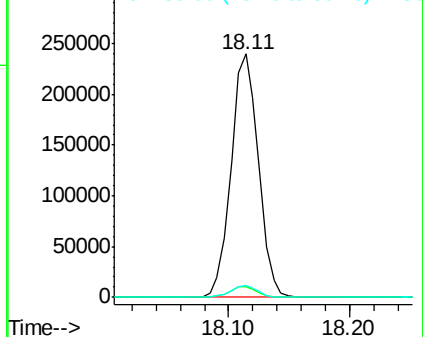
80 4.7 7.7 11.5#



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: 22.45 min Scan# 3261

Delta R.T. -0.03 min

Lab File: BG032118.D

Acq: 18 Jan 2018 2:05

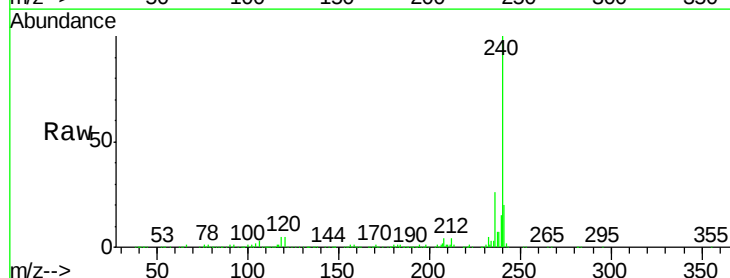
Tgt Ion:240 Resp: 451819

Ion Ratio Lower Upper

240 100

120 5.1 6.8 10.2#

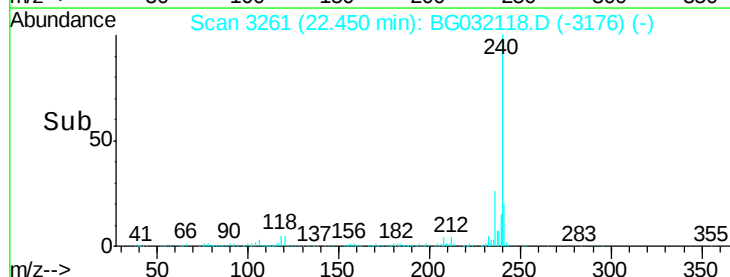
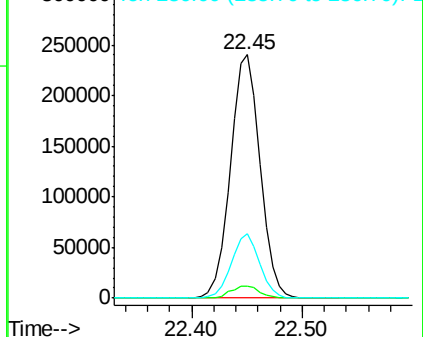
236 26.3 20.9 31.3

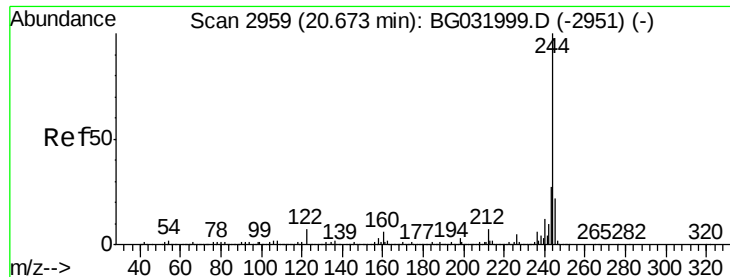


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 101.952 ng

RT: 20.65 min Scan# 2955

Delta R.T. -0.02 min

Lab File: BG032118.D

Acq: 18 Jan 2018 2:05

Instrument :

BNA_G

ClientSampleId :

SA-01-011618

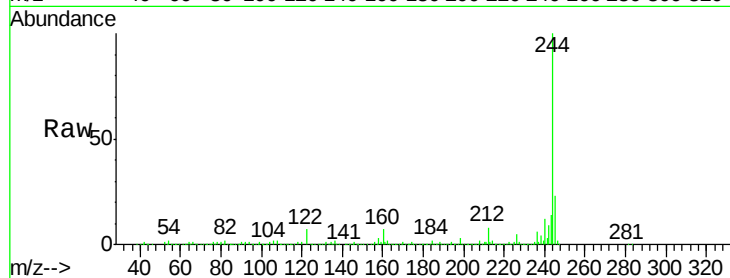
Tgt Ion:244 Resp: 2086183

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

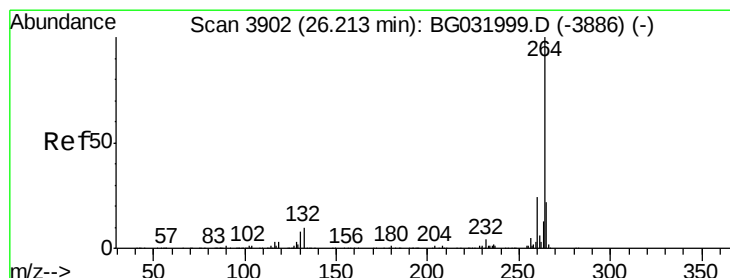
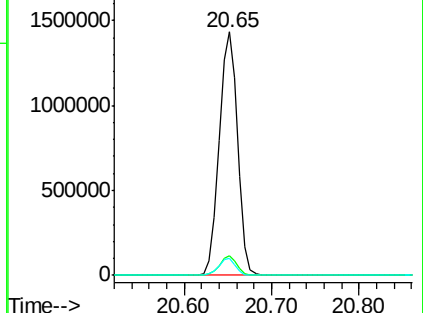
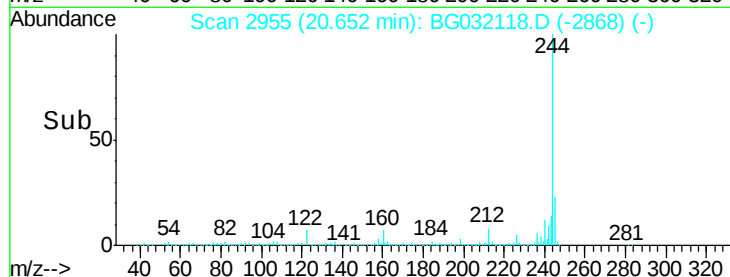
122 6.8 7.0 10.4#



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: 26.15 min Scan# 3891

Delta R.T. -0.06 min

Lab File: BG032118.D

Acq: 18 Jan 2018 2:05

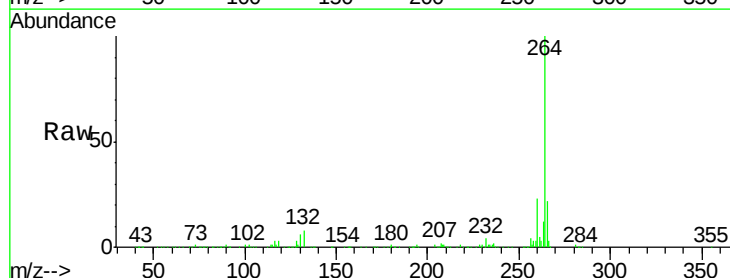
Tgt Ion:264 Resp: 479033

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 21.5 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

