

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011918\
 Data File : BG032167.D
 Acq On : 20 Jan 2018 00:45
 Operator : SJ/JU
 Sample : J1185-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 15183-90

Quant Time: Jan 20 05:53:38 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 18 10:13:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.74	152	39408	20.00	ng	0.00
21) Naphthalene-d8	11.62	136	166511	20.00	ng	0.00
38) Acenaphthene-d10	15.38	164	120238	20.00	ng	0.00
63) Phenanthrene-d10	18.11	188	337265	20.00	ng	0.00
75) Chrysene-d12	22.44	240	446699	20.00	ng	0.00
86) Perylene-d12	26.15	264	457351	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.17	112	324383	150.55	ng	0.00
7) Phenol-d6	7.85	99	380926	140.37	ng	0.00
23) Nitrobenzene-d5	9.94	82	269251	109.40	ng	0.00
41) 2,4,6-Tribromophenol	16.85	330	340518	171.14	ng	0.00
44) 2-Fluorobiphenyl	14.00	172	941008	97.04	ng	0.00
78) Terphenyl-d14	20.65	244	2020086	99.85	ng	0.00

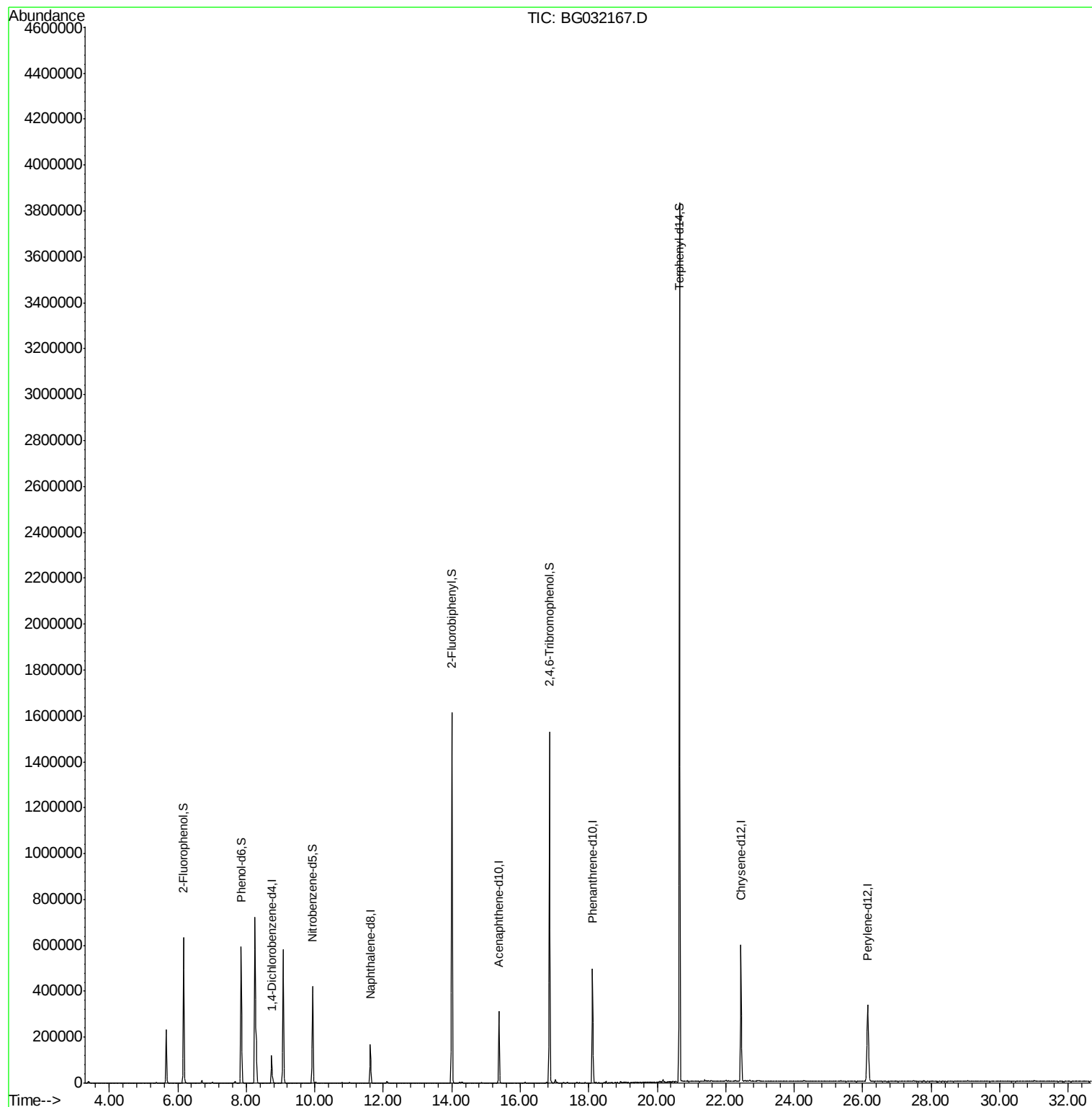
Target Compounds Qvalue

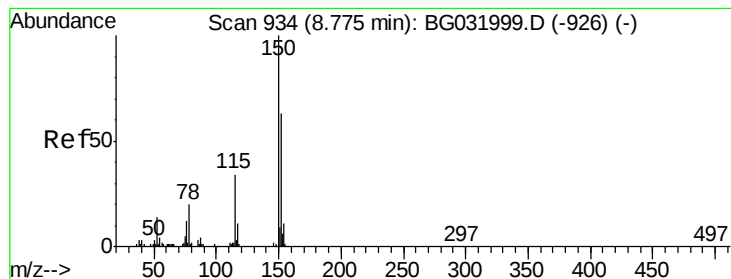
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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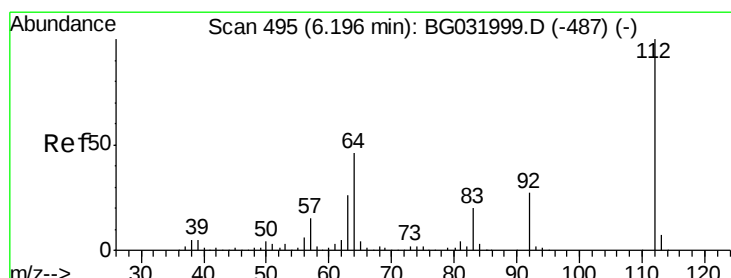
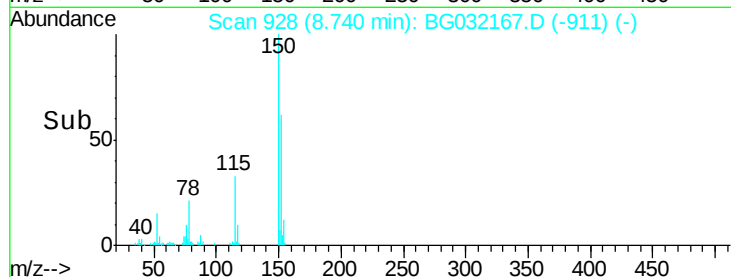
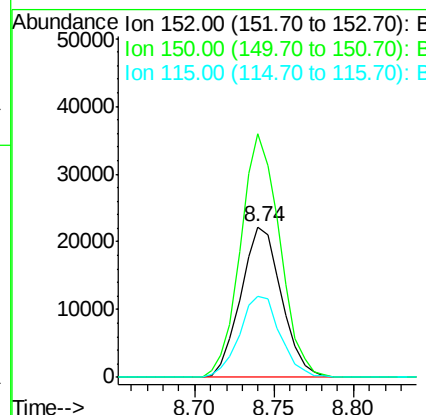
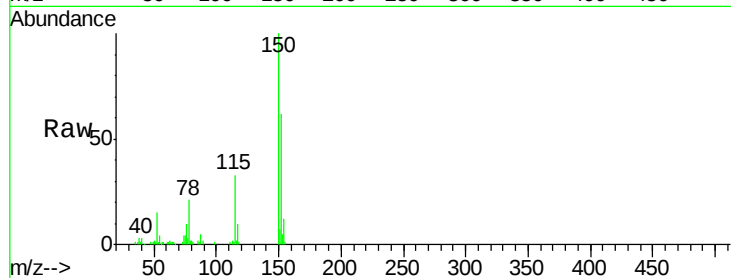


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.74 min Scan# 928
Delta R.T. -0.00 min
Lab File: BG032167.D
Acq: 20 Jan 2018 00:45

Instrument :
BNA_G
ClientSampleId :
15183-90

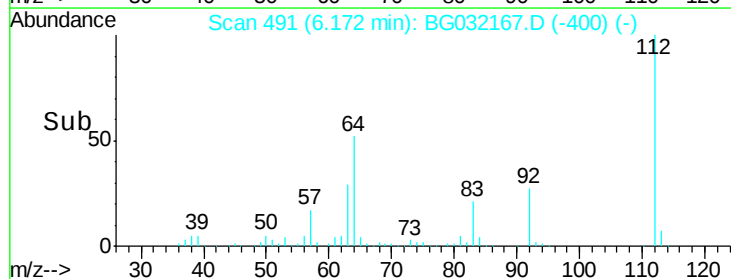
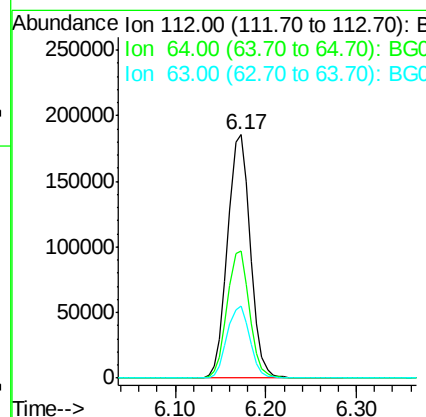
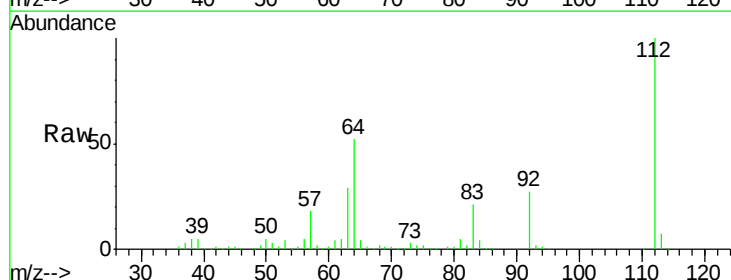
Tot Ion:152 Resp: 39408
Ion Ratio Lower Upper
152 100
150 162.0 126.6 189.8
115 53.8 53.0 79.4

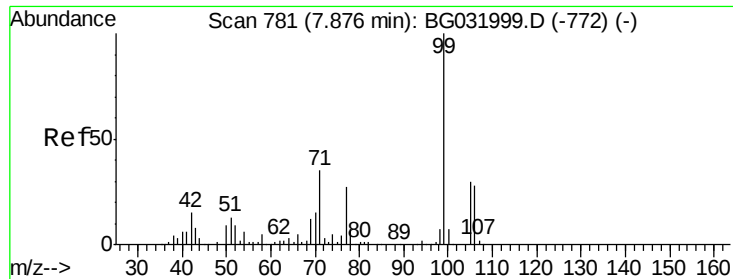


#5

2-Fluorophenol
Concen: 150.547 ng
RT: 6.17 min Scan# 491
Delta R.T. 0.00 min
Lab File: BG032167.D
Acq: 20 Jan 2018 00:45

Tgt Ion:112 Resp: 324383
Ion Ratio Lower Upper
112 100
64 52.3 56.3 84.5#
63 29.4 30.1 45.1#





#7

Phenol-d6

Concen: 140.371 ng

RT: 7.85 min Scan# 777

Delta R.T. 0.00 min

Lab File: BG032167.D

Acq: 20 Jan 2018 00:45

Instrument :

BNA_G

ClientSampleId :

15183-90

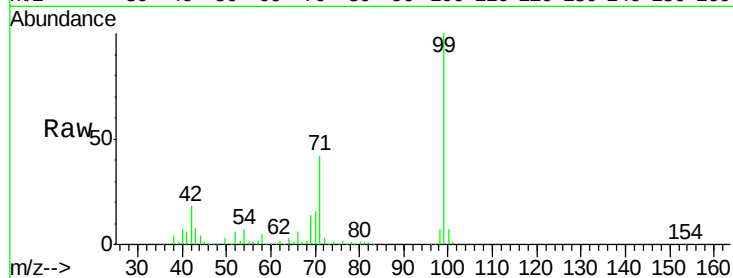
Tot Ion: 99 Resp: 380926

Ion Ratio Lower Upper

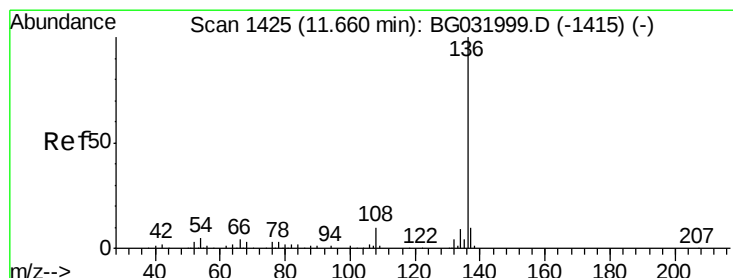
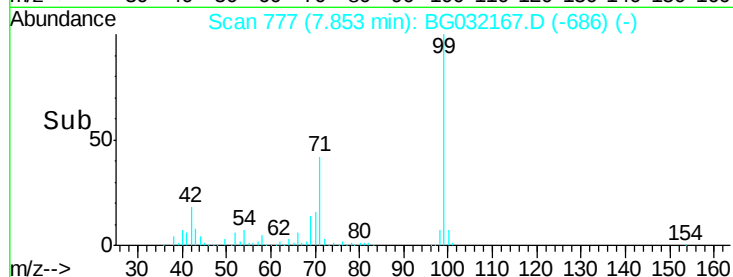
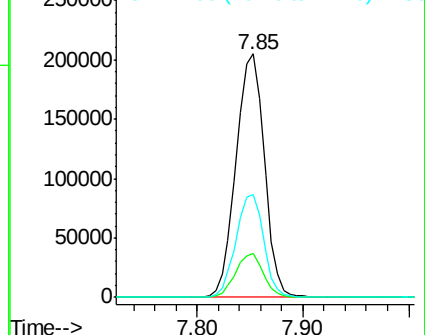
99 100

42 18.0 14.1 21.1

71 42.0 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: 11.62 min Scan# 1419

Delta R.T. -0.00 min

Lab File: BG032167.D

Acq: 20 Jan 2018 00:45

Tgt Ion: 136 Resp: 166511

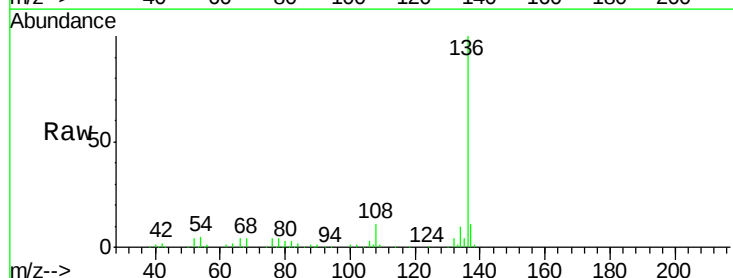
Ion Ratio Lower Upper

136 100

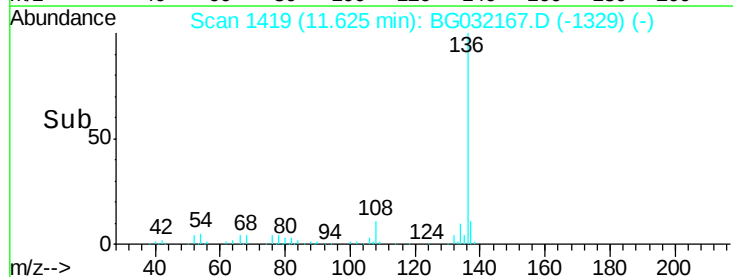
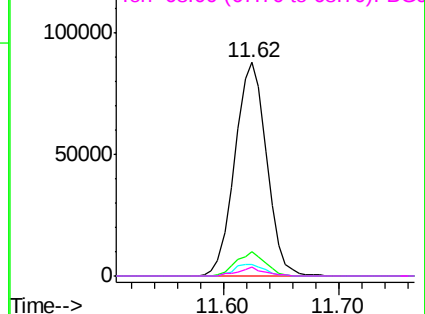
137 11.2 9.2 13.8

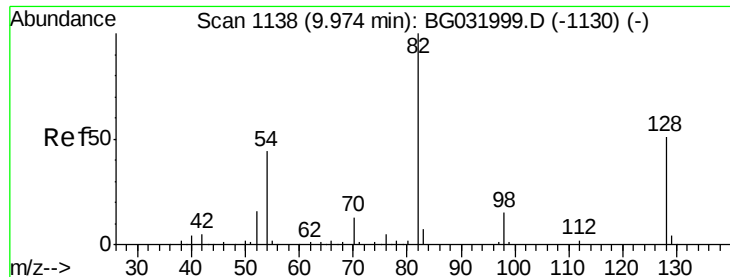
54 5.4 10.3 15.5#

68 4.0 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

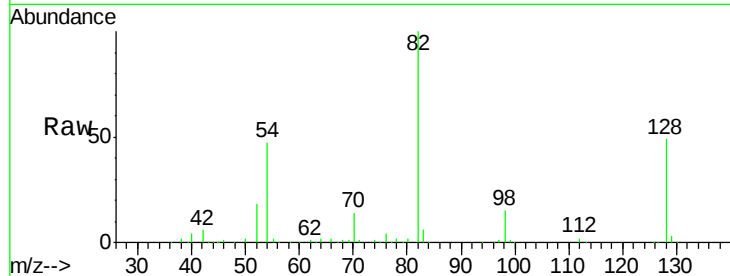




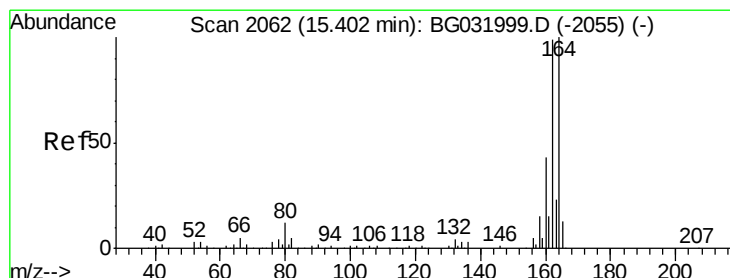
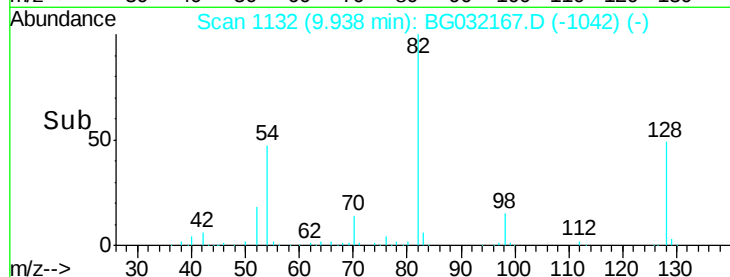
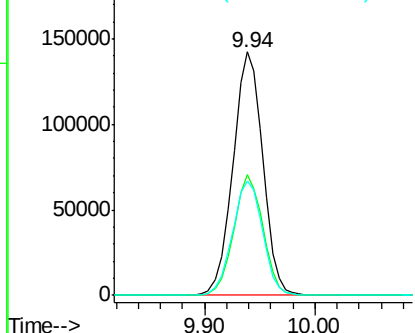
#23
Nitrobenzene-d5
Concen: 109.398 ng
RT: 9.94 min Scan# 1132
Delta R.T. -0.00 min
Lab File: BG032167.D
Acq: 20 Jan 2018 00:45

Instrument :
BNA_G
ClientSampled :
15183-90

Tot Ion: 82 Resp: 269251
Ion Ratio Lower Upper
82 100
128 49.4 29.7 44.5#
54 47.1 43.1 64.7

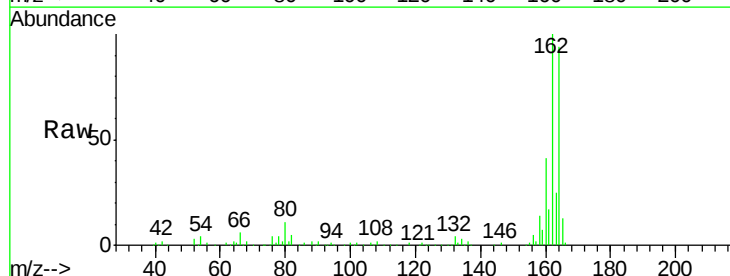


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

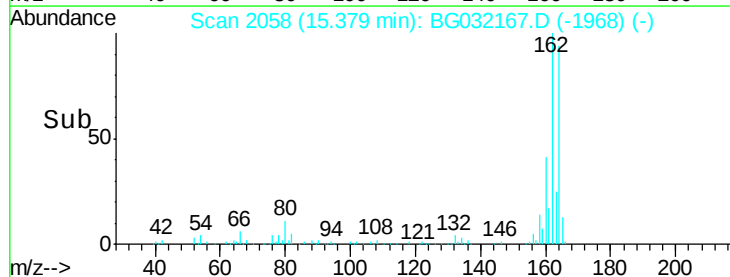
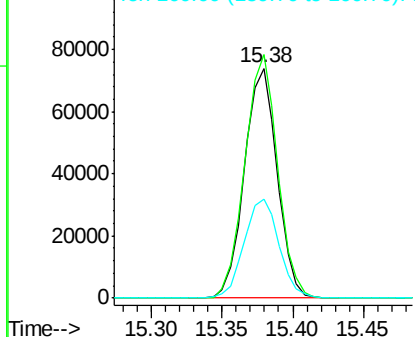


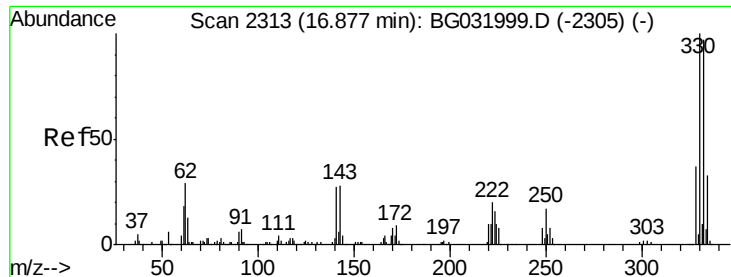
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.38 min Scan# 2058
Delta R.T. -0.00 min
Lab File: BG032167.D
Acq: 20 Jan 2018 00:45

Tgt Ion:164 Resp: 120238
Ion Ratio Lower Upper
164 100
162 106.0 78.8 118.2
160 43.1 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: 171.144 ng

RT: 16.85 min Scan# 2309

Delta R.T. -0.00 min

Lab File: BG032167.D

Acq: 20 Jan 2018 00:45

Instrument :

BNA_G

ClientSampleId :

15183-90

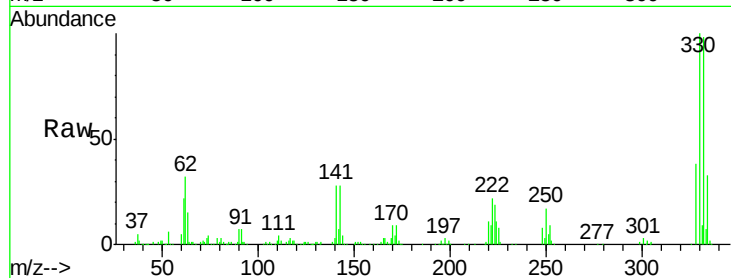
Tot Ion:330 Resp: 340518

Ion Ratio Lower Upper

330 100

332 95.7 77.0 115.6

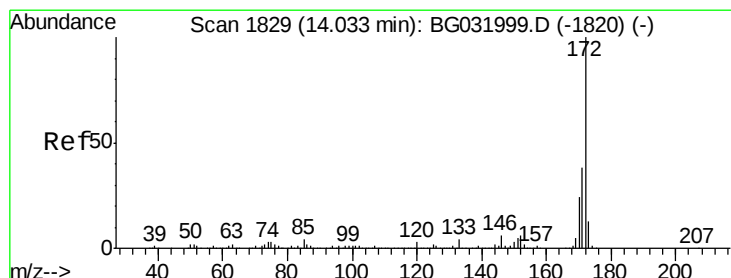
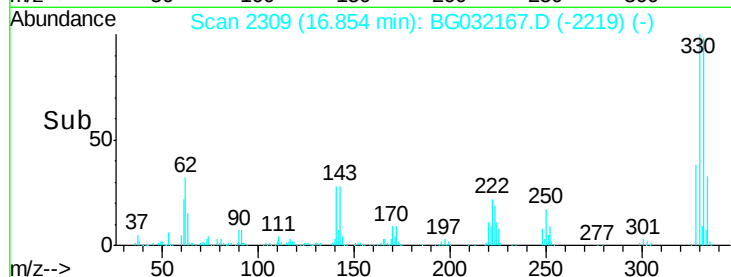
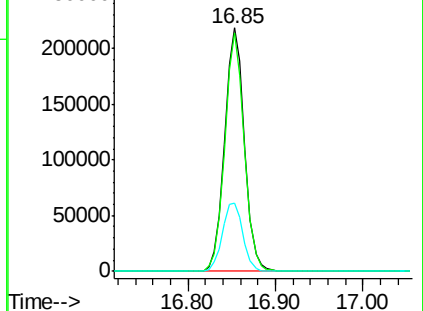
141 29.2 25.2 37.8



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: 97.041 ng

RT: 14.00 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BG032167.D

Acq: 20 Jan 2018 00:45

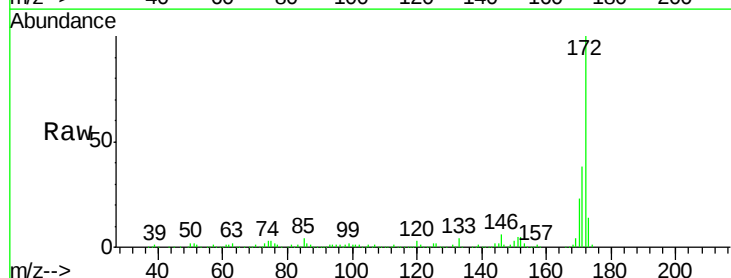
Tgt Ion:172 Resp: 941008

Ion Ratio Lower Upper

172 100

171 37.8 30.0 45.0

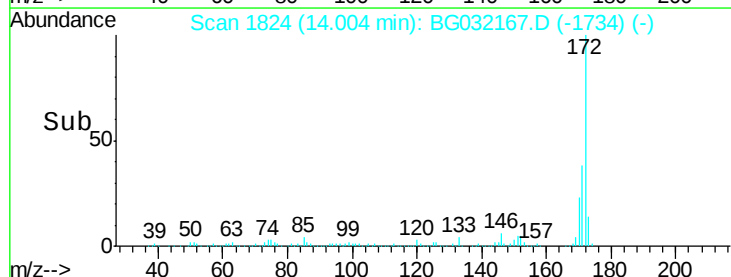
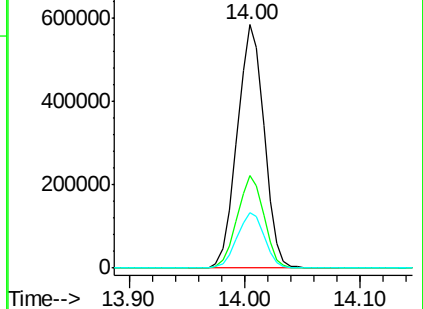
170 23.0 19.5 29.3

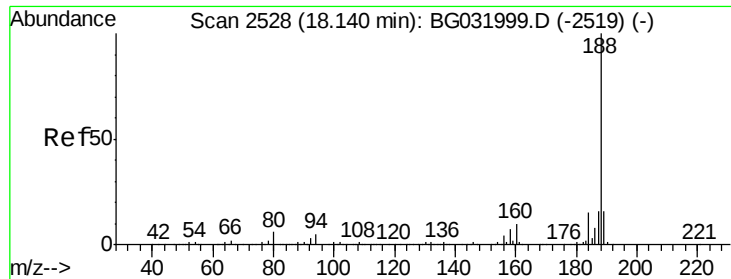


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

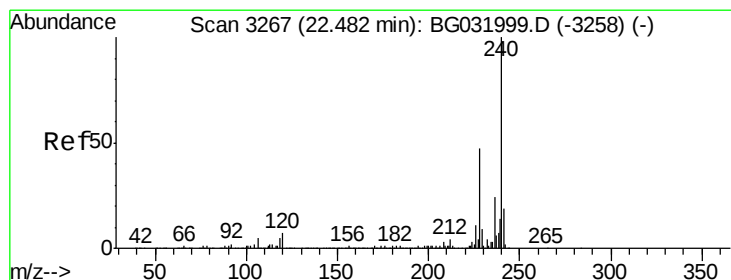
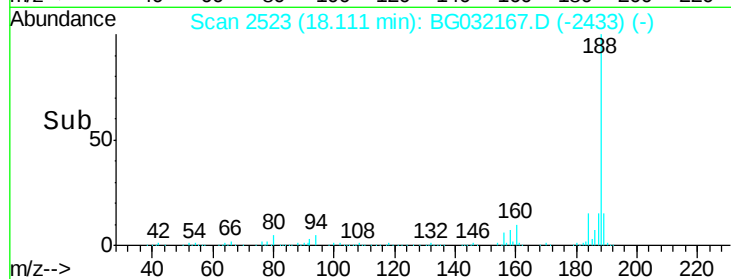
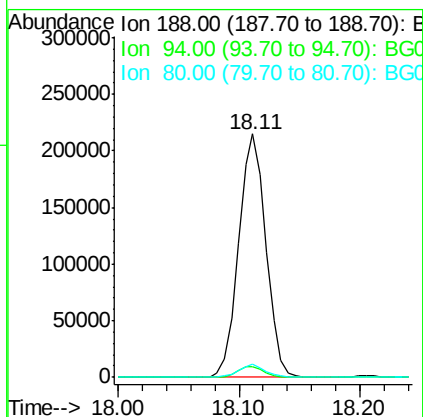
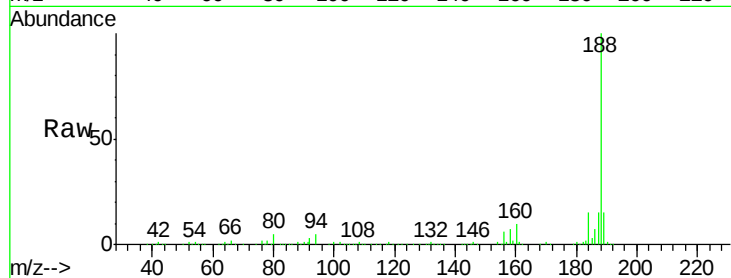




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.11 min Scan# 2523
Delta R.T. -0.00 min
Lab File: BG032167.D
Acq: 20 Jan 2018 00:45

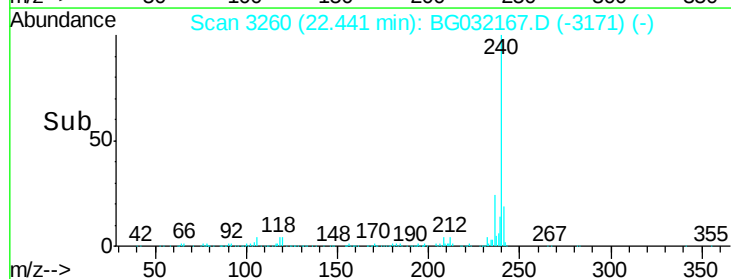
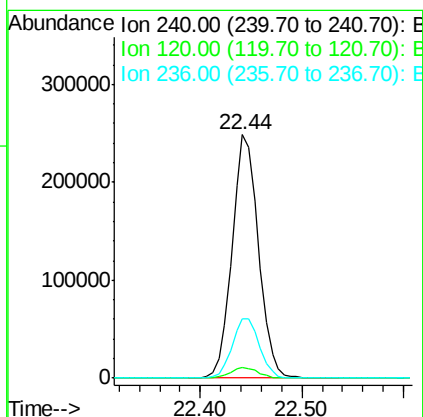
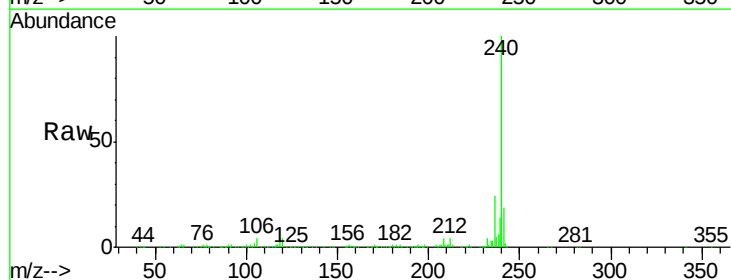
Instrument :
BNA_G
ClientSampleId :
15183-90

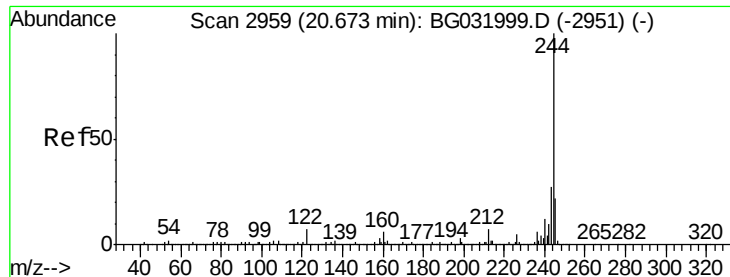
Tot Ion:188 Resp: 337265
Ion Ratio Lower Upper
188 100
94 4.6 6.9 10.3#
80 5.2 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.44 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BG032167.D
Acq: 20 Jan 2018 00:45

Tgt Ion:240 Resp: 446699
Ion Ratio Lower Upper
240 100
120 4.4 6.8 10.2#
236 24.2 20.9 31.3





#78

Terphenyl-d14

Concen: 99.853 ng

RT: 20.65 min Scan# 2955

Delta R.T. -0.00 min

Lab File: BG032167.D

Acq: 20 Jan 2018 00:45

Instrument :

BNA_G

ClientSampleId :

15183-90

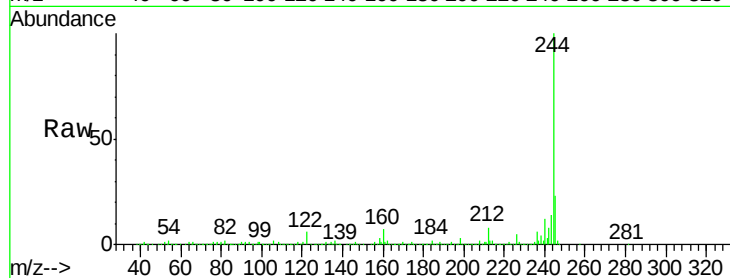
Tot Ion:244 Resp: 2020086

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

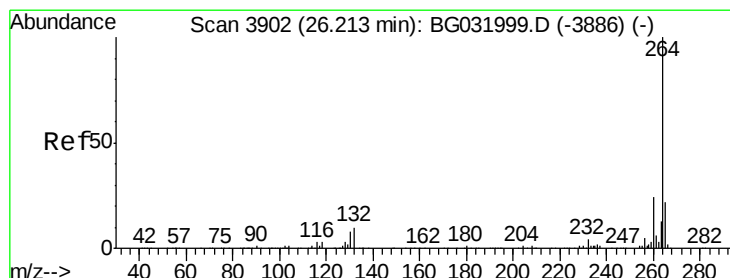
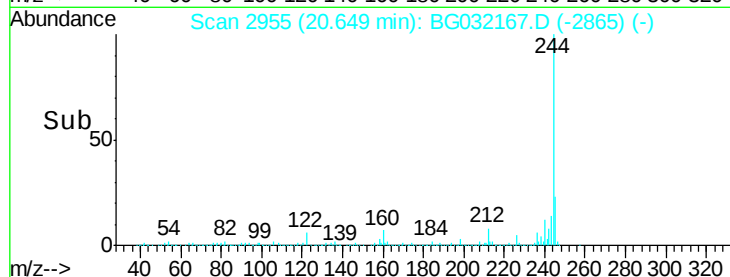
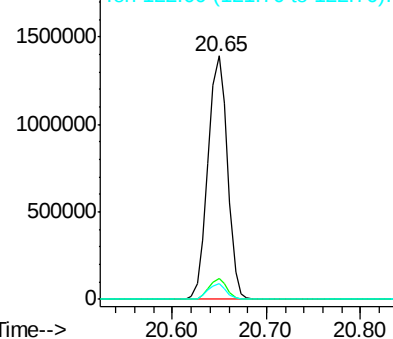
122 6.4 7.0 10.4#



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. -0.00 min

Lab File: BG032167.D

Acq: 20 Jan 2018 00:45

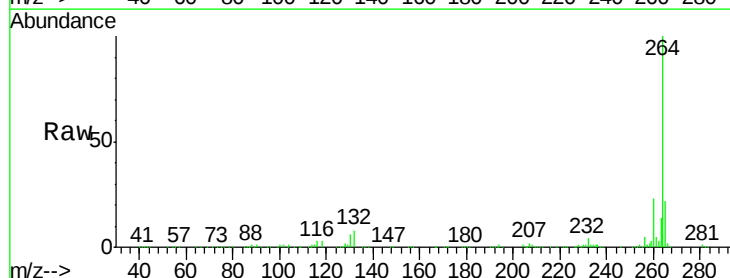
Tgt Ion:264 Resp: 457351

Ion Ratio Lower Upper

264 100

260 23.0 17.4 26.0

265 21.6 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

