

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031337.D
 Acq On : 2 Dec 2017 3:52
 Operator : SJ/JU
 Sample : I6641-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Dec 02 04:48:02 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	67075	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	280209	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	177296	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	487029	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	584519	20.00	ng	-0.02
86) Perylene-d12	25.06	264	565726	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	497393	127.16	ng	-0.02
7) Phenol-d6	7.30	99	567907	107.77	ng	-0.01
23) Nitrobenzene-d5	9.29	82	402532	85.12	ng	-0.03
41) 2,4,6-Tribromophenol	16.24	330	333145	116.16	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1090935	88.41	ng	-0.03
78) Terphenyl-d14	20.08	244	2233880	84.39	ng	-0.02

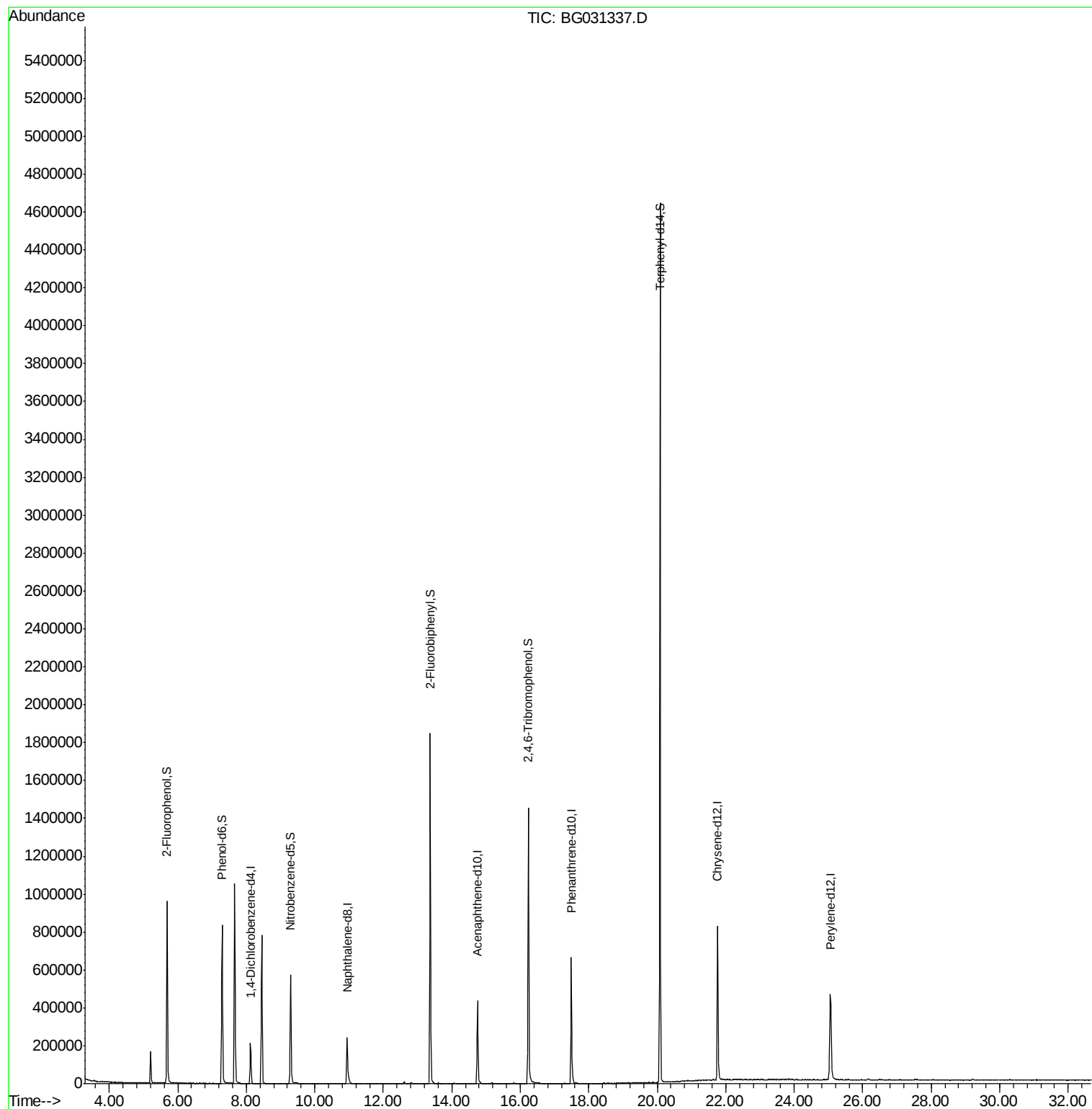
Target Compounds Qvalue

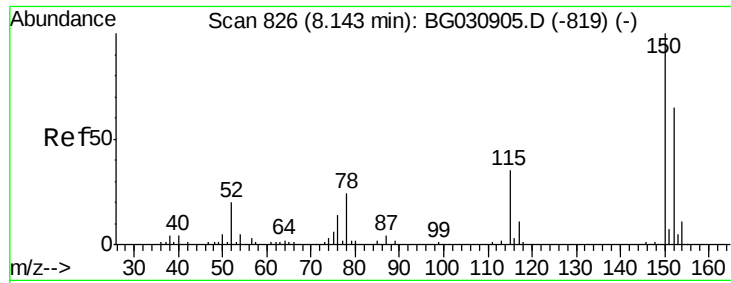
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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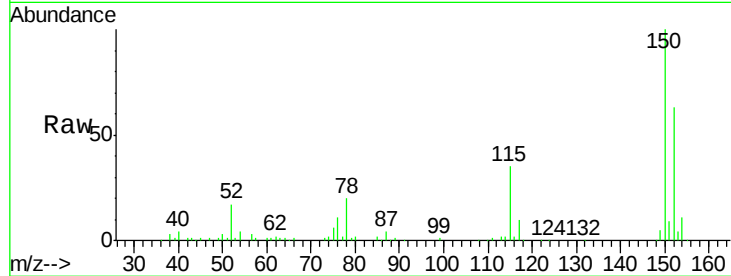


#1

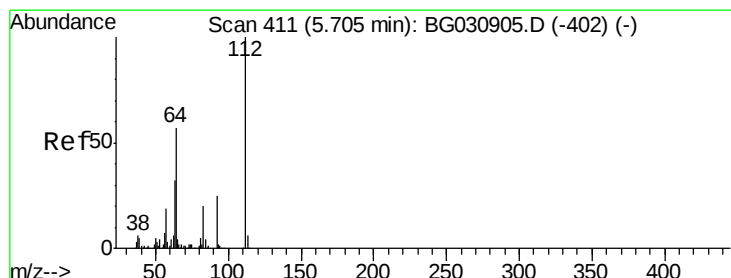
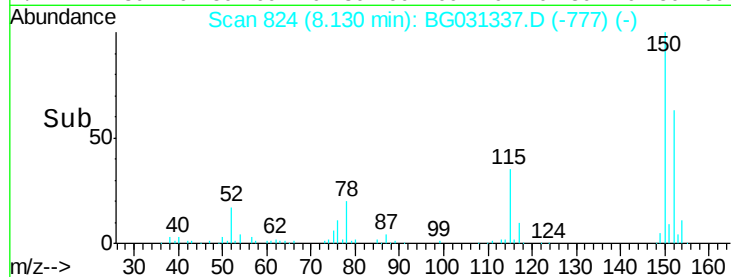
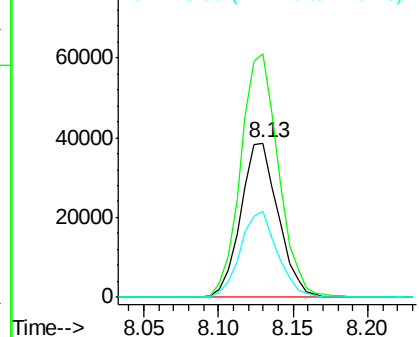
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031337.D
Acq: 2 Dec 2017 3:52

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion:152 Resp: 67075
Ion Ratio Lower Upper
152 100
150 157.5 126.6 189.8
115 55.4 53.0 79.4



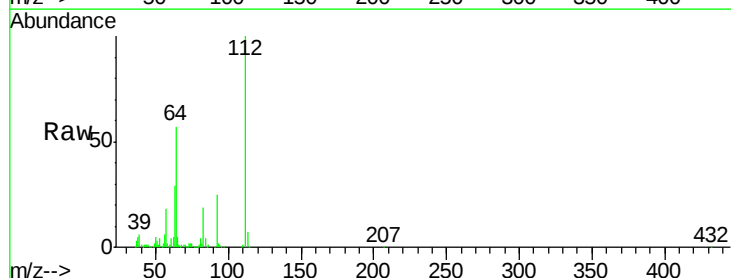
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



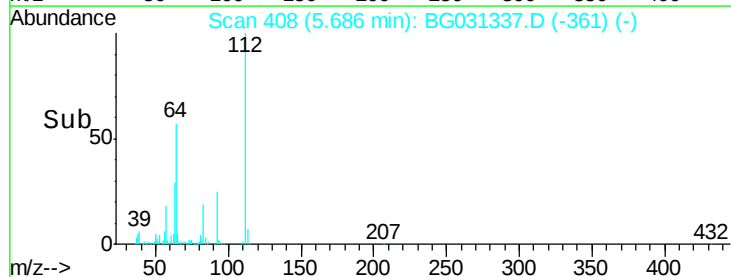
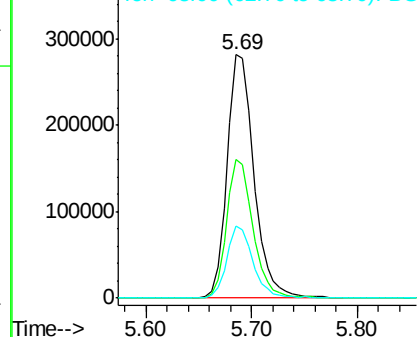
#5

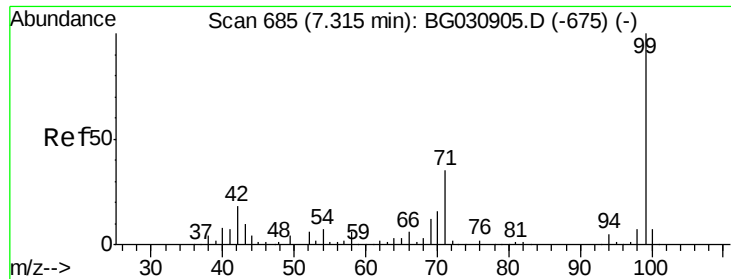
2-Fluorophenol
Concen: 127.16 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031337.D
Acq: 2 Dec 2017 3:52

Tgt Ion:112 Resp: 497393
Ion Ratio Lower Upper
112 100
64 56.9 56.3 84.5
63 29.5 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: 107.77 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031337.D

Acq: 2 Dec 2017 3:52

Instrument :

BNA_G

ClientSampleId :

TP-1

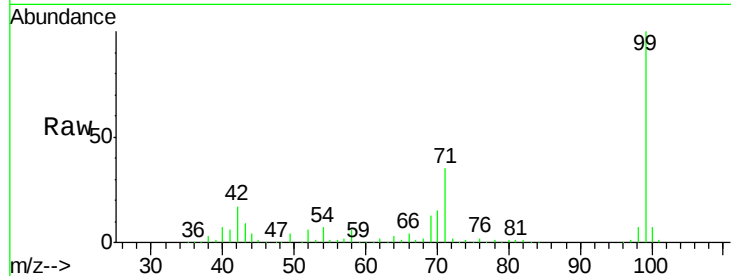
Tot Ion: 99 Resp: 567907

Ion Ratio Lower Upper

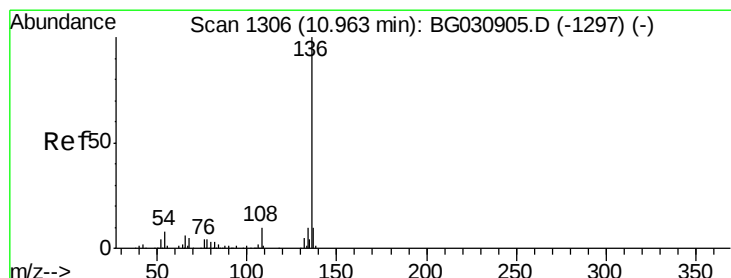
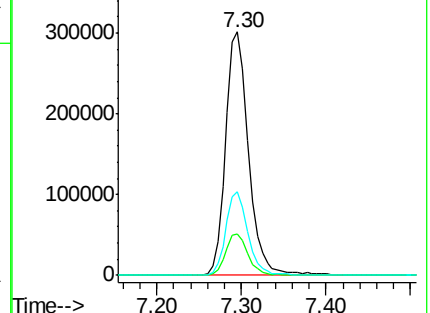
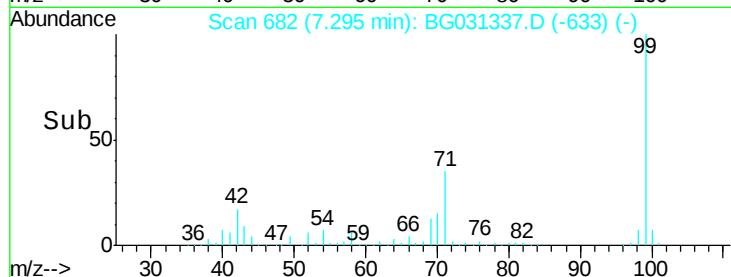
99 100

42 17.2 14.1 21.1

71 34.6 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: 20.00 ng

RT: 10.94 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031337.D

Acq: 2 Dec 2017 3:52

Tgt Ion: 136 Resp: 280209

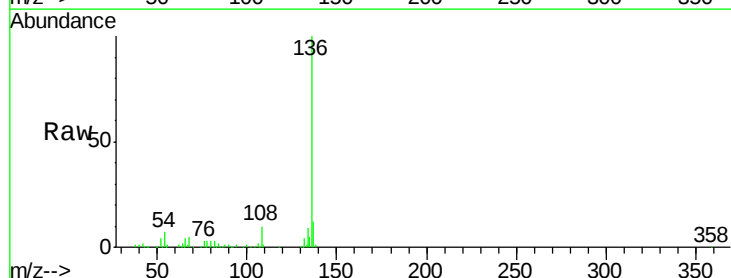
Ion Ratio Lower Upper

136 100

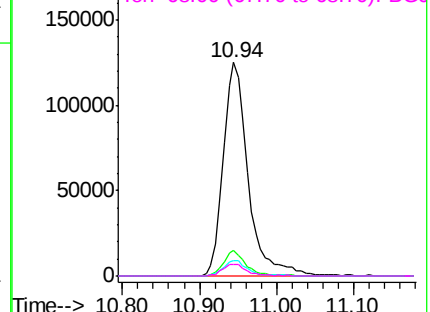
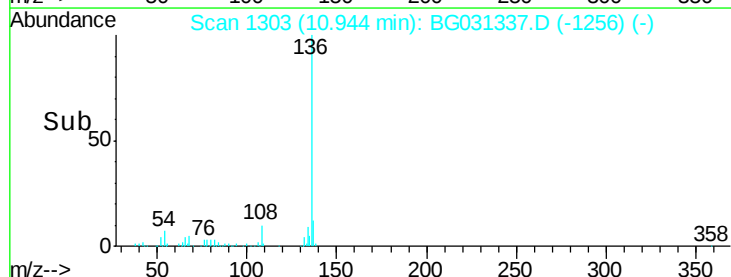
137 12.2 9.2 13.8

54 7.1 10.3 15.5#

68 5.4 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

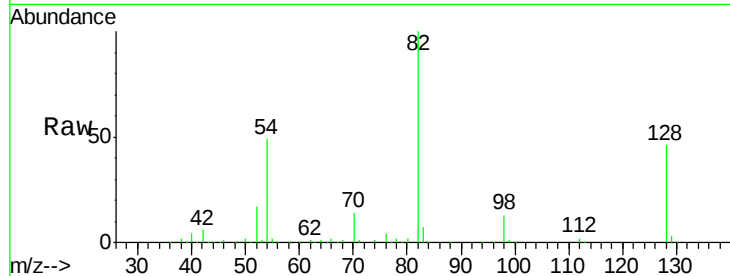




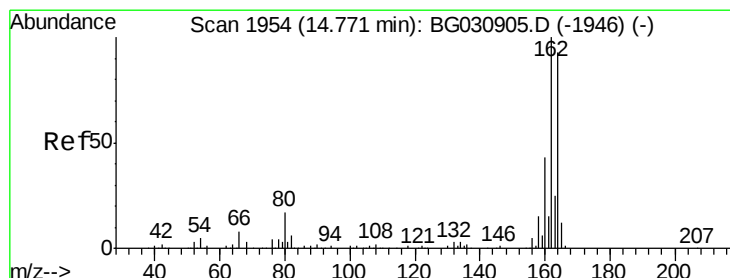
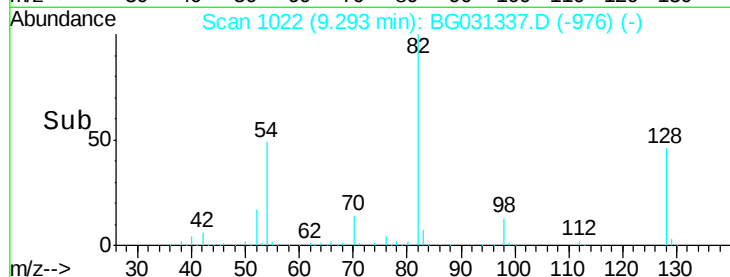
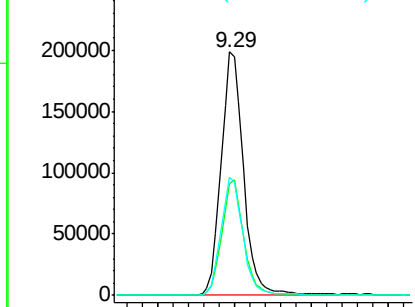
#23
Nitrobenzene-d5
Concen: 85.12 ng
RT: 9.29 min Scan# 1022
Delta R.T. -0.03 min
Lab File: BG031337.D
Acq: 2 Dec 2017 3:52

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion	82	Resp	402532
Ion Ratio	100	Lower	Upper
128	46.1	29.7	44.5#
54	48.6	43.1	64.7

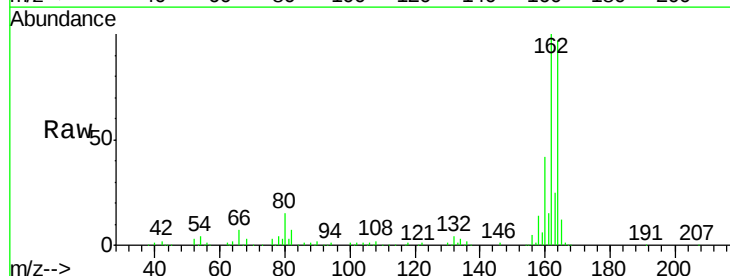


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

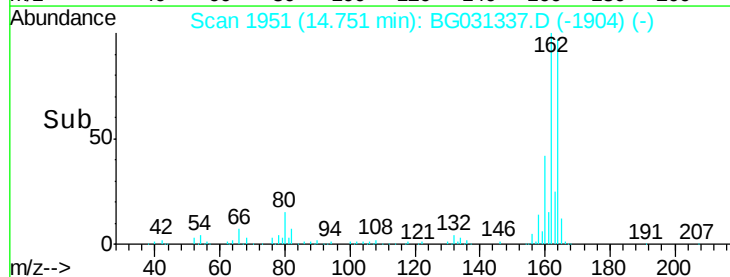
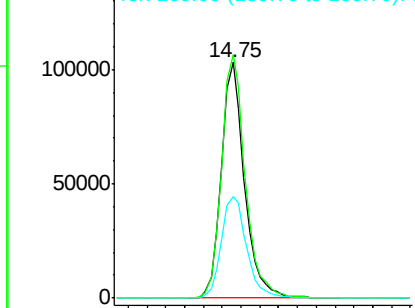


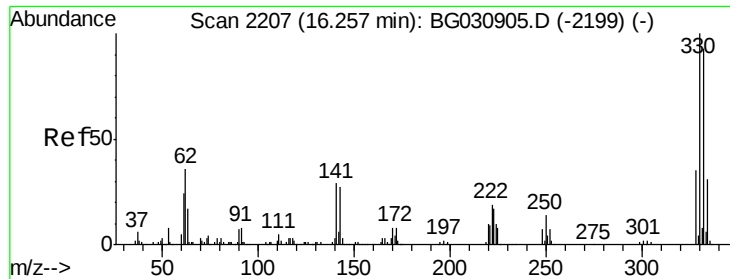
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.75 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BG031337.D
Acq: 2 Dec 2017 3:52

Tgt Ion	164	Resp	177296
Ion Ratio	100	Lower	Upper
162	103.3	78.8	118.2
160	43.0	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: 116.16 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031337.D

Acq: 2 Dec 2017 3:52

Instrument :

BNA_G

ClientSampleId :

TP-1

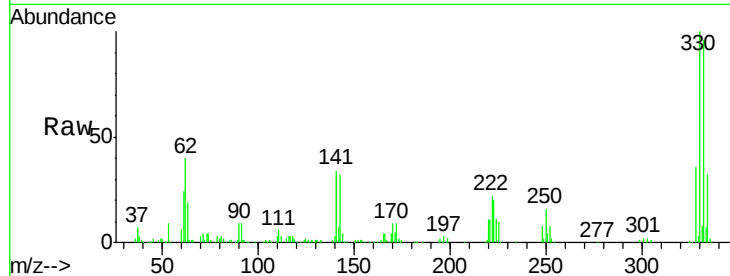
Tot Ion:330 Resp: 333145

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

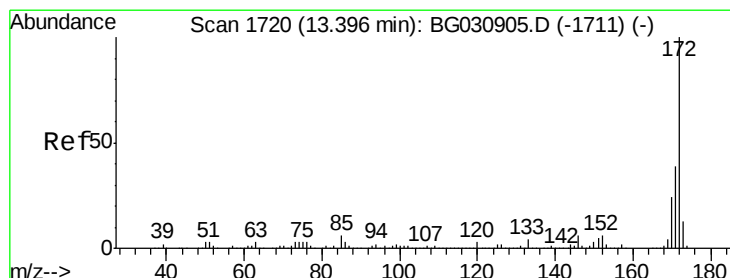
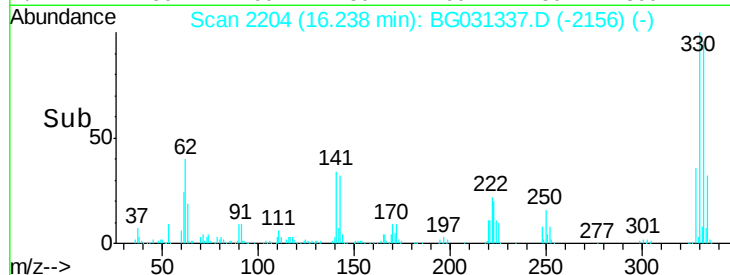
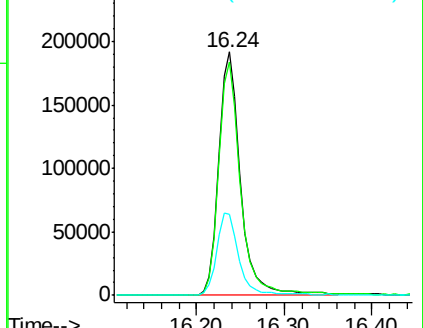
141 34.2 25.2 37.8



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: 88.41 ng

RT: 13.37 min Scan# 1716

Delta R.T. -0.03 min

Lab File: BG031337.D

Acq: 2 Dec 2017 3:52

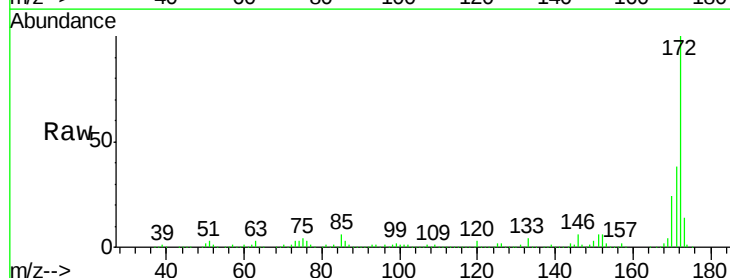
Tgt Ion:172 Resp: 1090935

Ion Ratio Lower Upper

172 100

171 37.9 30.0 45.0

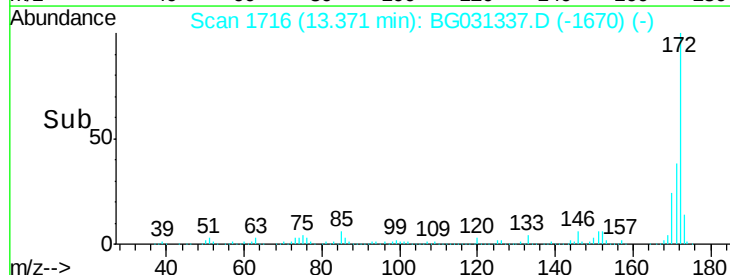
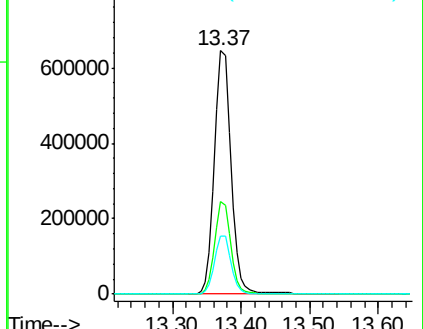
170 23.9 19.5 29.3

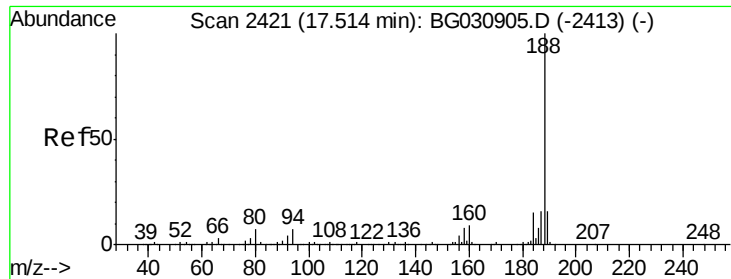


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

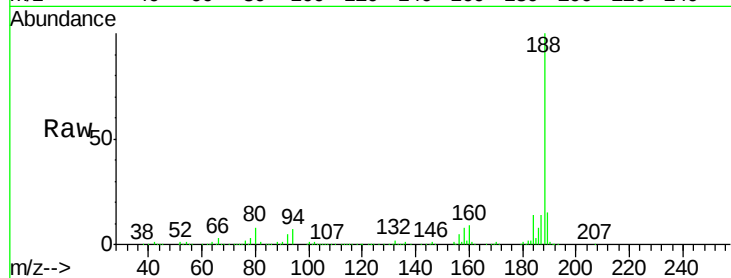




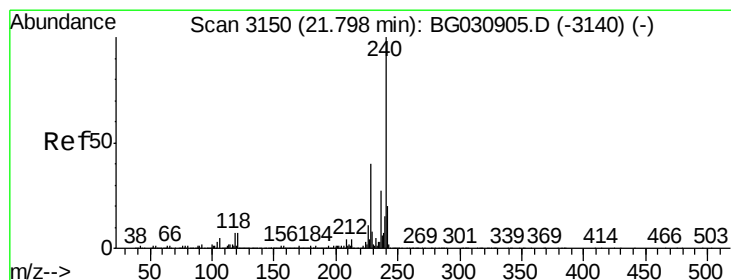
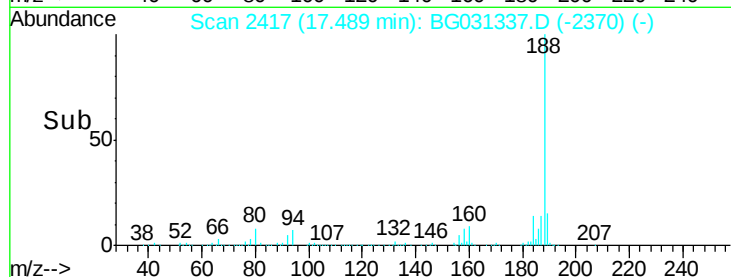
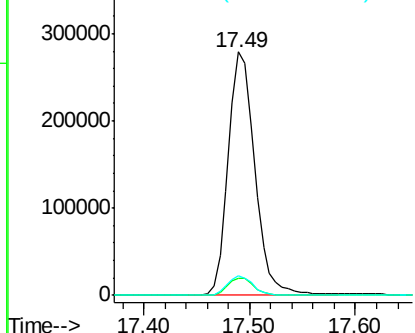
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031337.D
Acq: 2 Dec 2017 3:52

Instrument :
BNA_G
ClientSampleId :
TP-1

Tot Ion:188 Resp: 487029
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 8.3 7.7 11.5

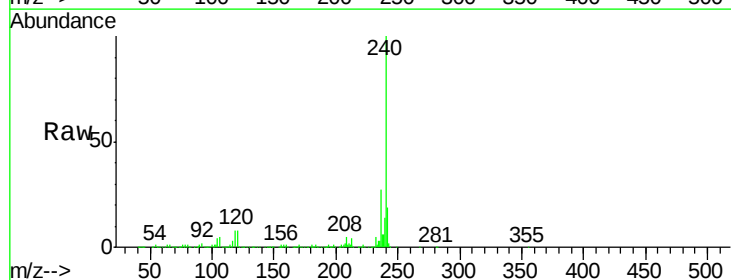


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

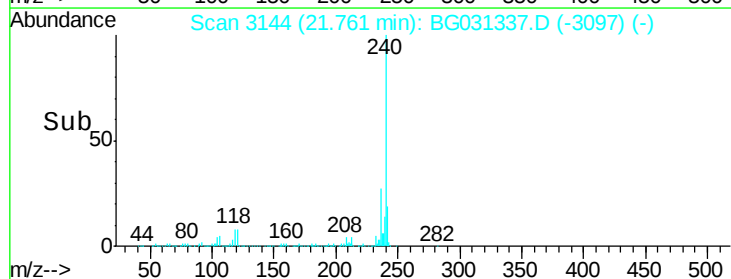
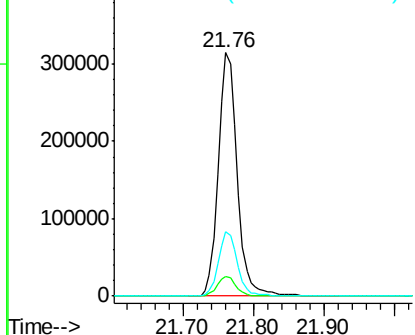


#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG031337.D
Acq: 2 Dec 2017 3:52

Tgt Ion:240 Resp: 584519
Ion Ratio Lower Upper
240 100
120 7.9 6.8 10.2
236 26.6 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: 84.39 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031337.D

Acq: 2 Dec 2017 3:52

Instrument :

BNA_G

ClientSampleId :

TP-1

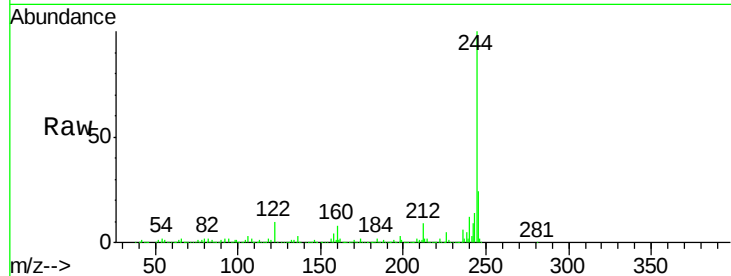
Tot Ion:244 Resp: 2233880

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

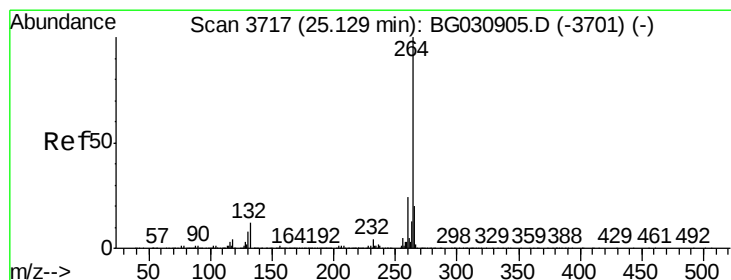
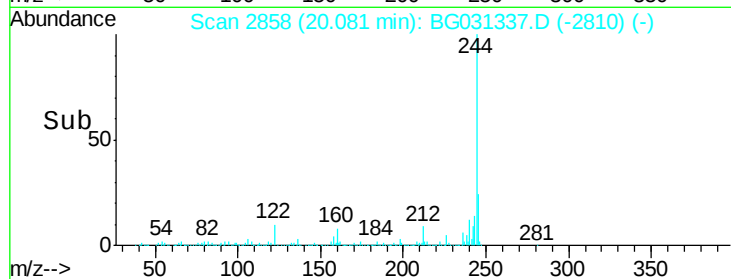
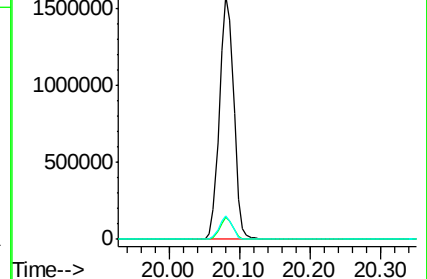
122 9.6 7.0 10.4



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: 20.00 ng

RT: 25.06 min Scan# 3705

Delta R.T. -0.03 min

Lab File: BG031337.D

Acq: 2 Dec 2017 3:52

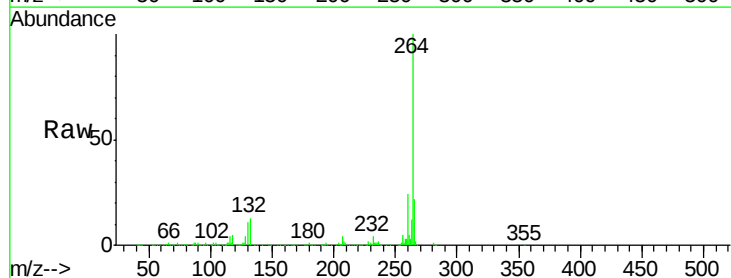
Tgt Ion:264 Resp: 565726

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 21.8 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

