

Data Path : Z:\HPCHEM1\BNA G\DATA\BG013118\
 Data File : BG032470.D
 Acq On : 31 Jan 2018 18:00
 Operator : SJ/JU
 Sample : PB106216BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106216BL

Quant Time: Feb 01 02:30:00 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	27514	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	110174	20.00	ng	-0.01
38) Acenaphthene-d10	15.35	164	76296	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	217229	20.00	ng	-0.01
75) Chrysene-d12	22.41	240	274187	20.00	ng	-0.01
86) Perylene-d12	26.08	264	301002	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	103290	75.40	ng	0.00
7) Phenol-d6	7.84	99	122994	67.29	ng	0.00
23) Nitrobenzene-d5	9.91	82	113948	64.60	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	99881	68.77	ng	-0.01
44) 2-Fluorobiphenyl	13.98	172	421524	65.67	ng	-0.01
78) Terphenyl-d14	20.61	244	838455	65.50	ng	-0.01

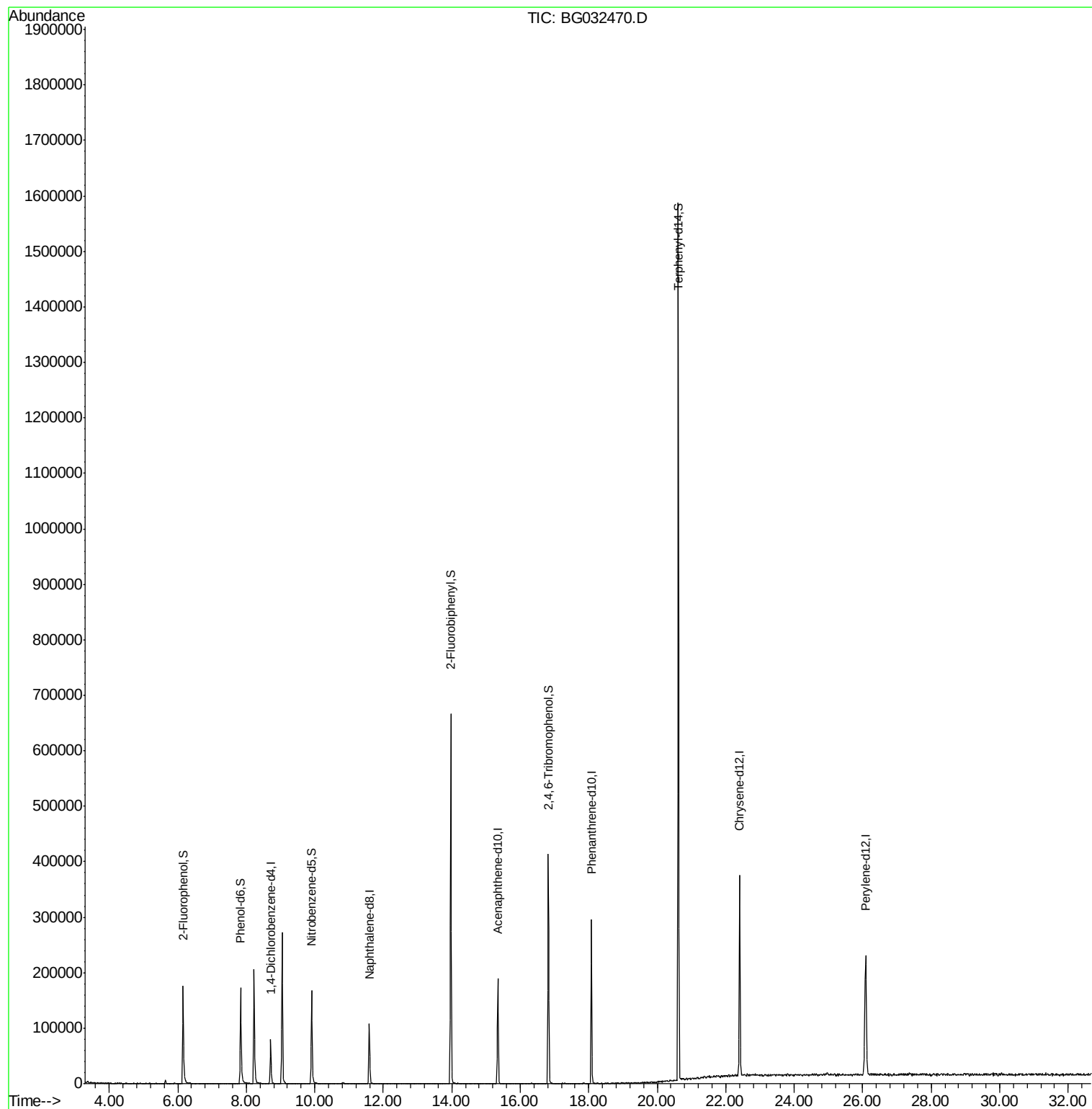
Target Compounds Qvalue

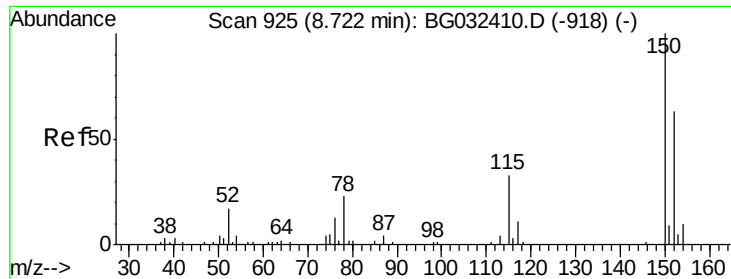
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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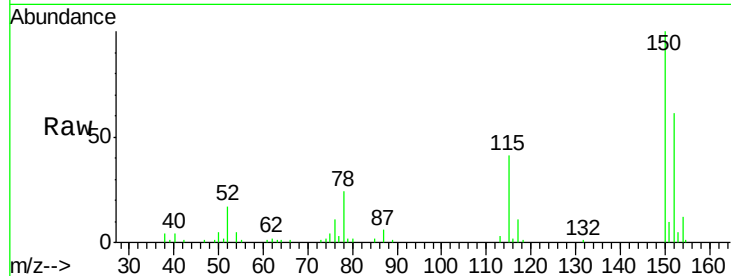


#1

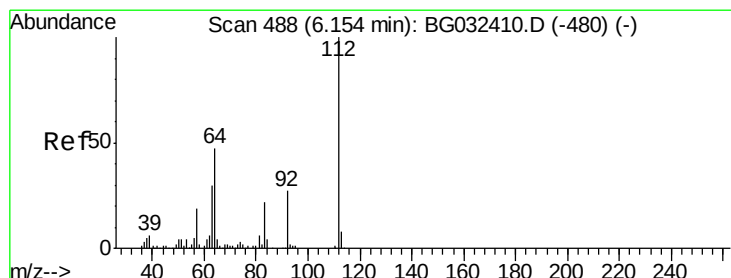
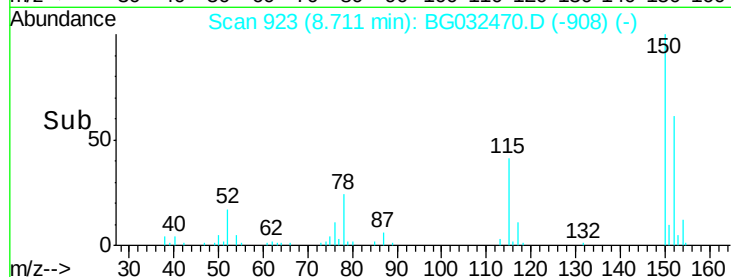
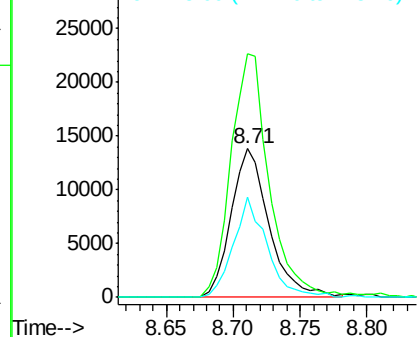
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032470.D
Acq: 31 Jan 2018 18:00

Instrument :
BNA_G
ClientSampleId :
PB106216BL

Tot Ion:152 Resp: 27514
Ion Ratio Lower Upper
152 100
150 163.8 126.6 189.8
115 67.5 53.0 79.4



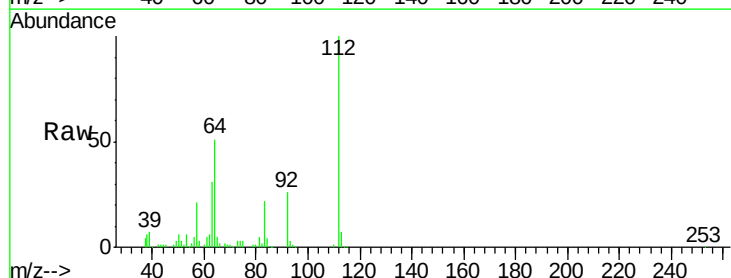
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



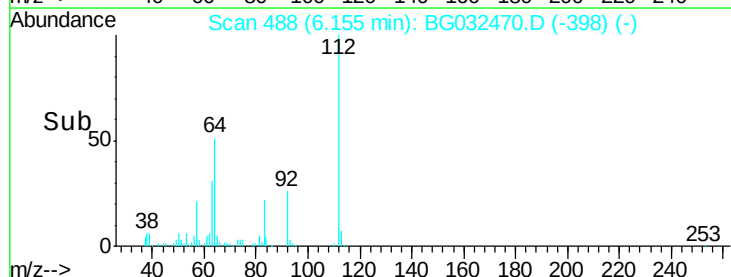
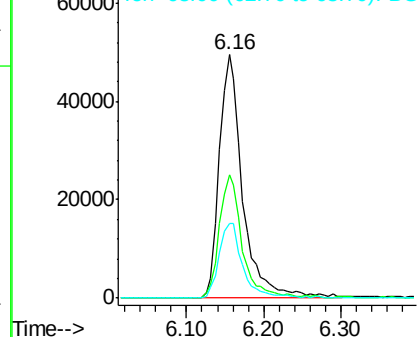
#5

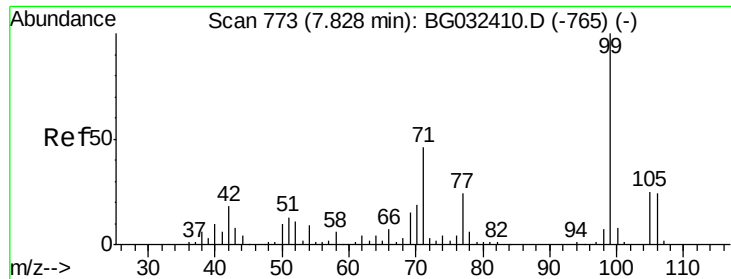
2-Fluorophenol
Concen: 75.403 ng
RT: 6.16 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032470.D
Acq: 31 Jan 2018 18:00

Tgt Ion:112 Resp: 103290
Ion Ratio Lower Upper
112 100
64 50.6 56.3 84.5#
63 30.7 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: 67.286 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032470.D

Acq: 31 Jan 2018 18:00

Instrument :

BNA_G

ClientSampleId :

PB106216BL

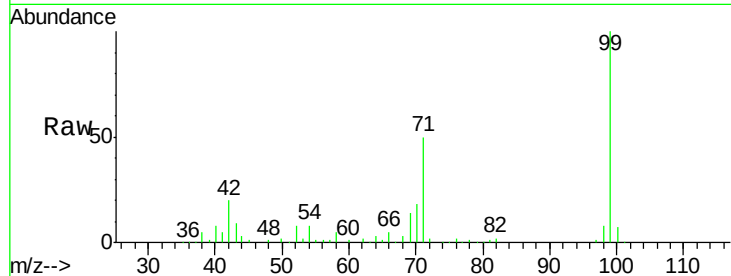
Tot Ion: 99 Resp: 122994

Ion Ratio Lower Upper

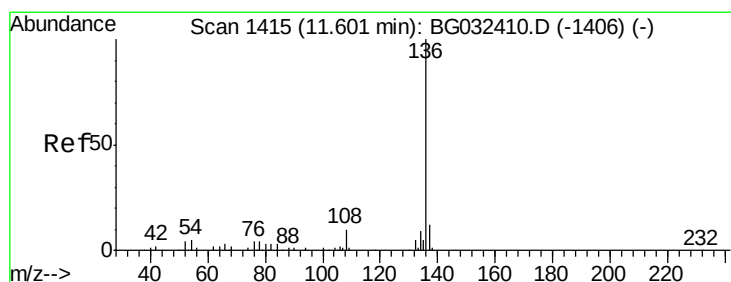
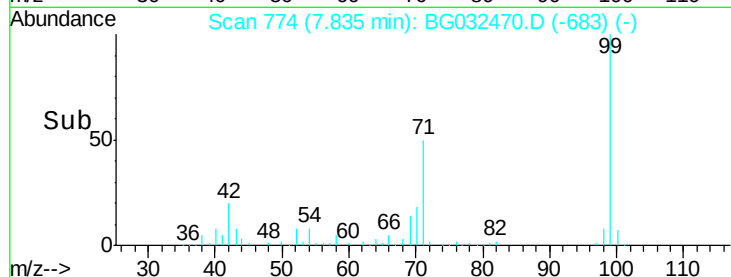
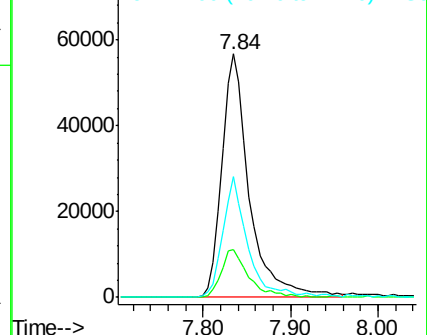
99 100

42 19.8 14.1 21.1

71 49.6 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: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032470.D

Acq: 31 Jan 2018 18:00

Tgt Ion: 136 Resp: 110174

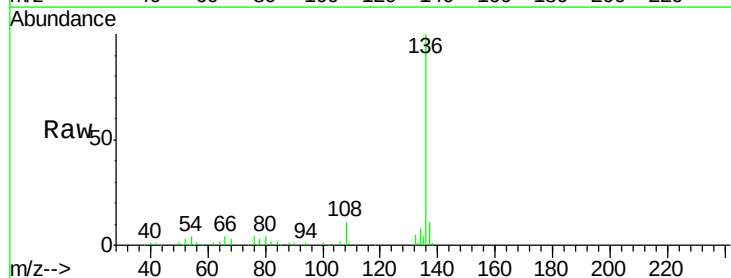
Ion Ratio Lower Upper

136 100

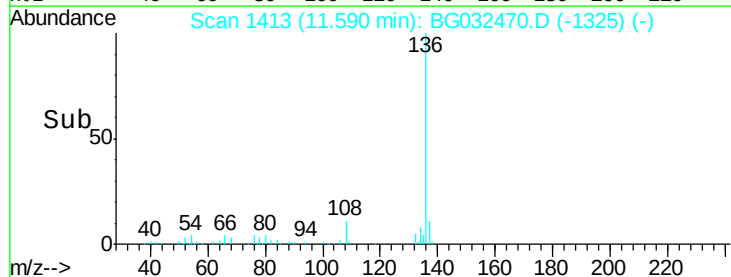
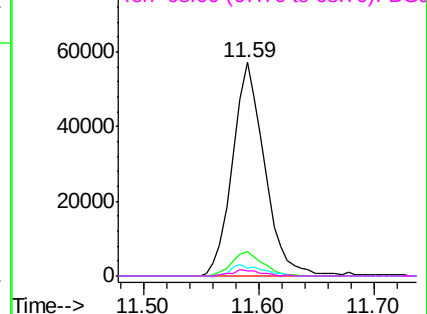
137 11.3 9.2 13.8

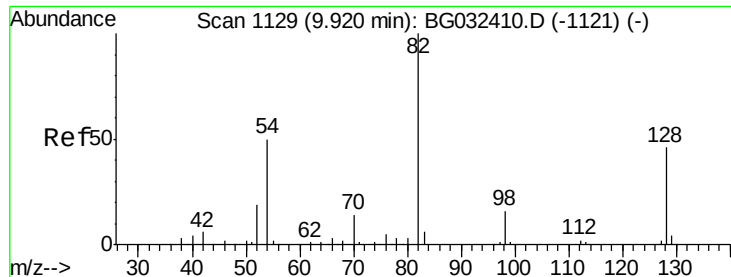
54 3.8 10.3 15.5#

68 2.5 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

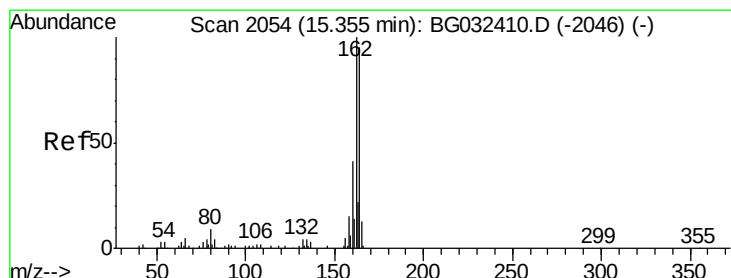
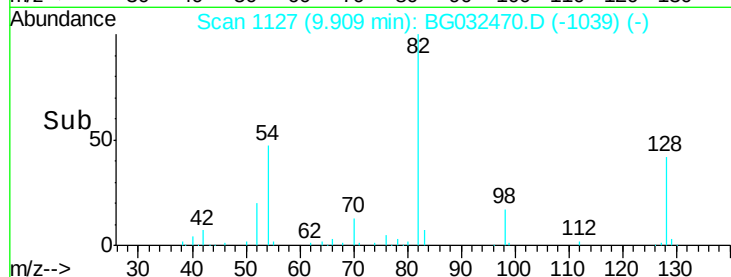
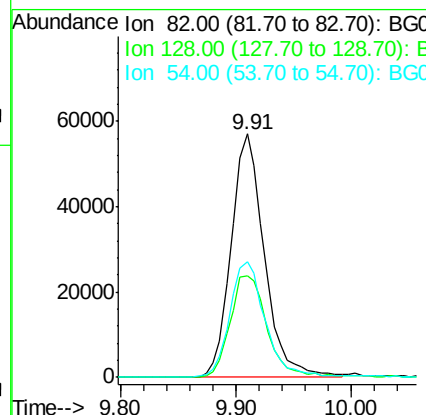
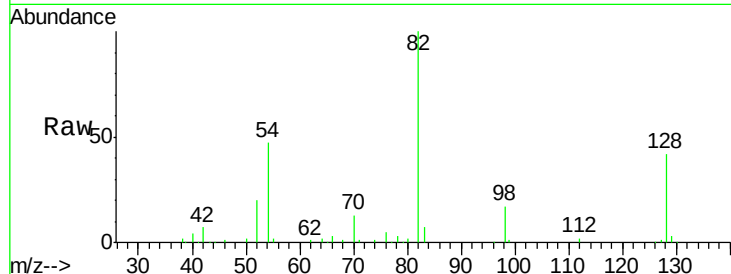




#23
 Nitrobenzene-d5
 Concen: 64.600 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032470.D
 Acq: 31 Jan 2018 18:00

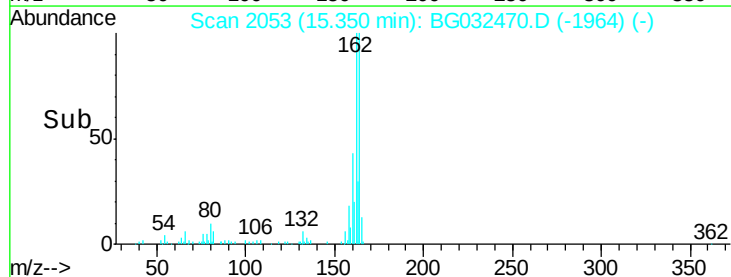
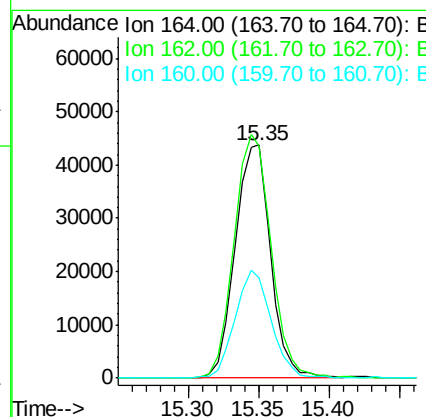
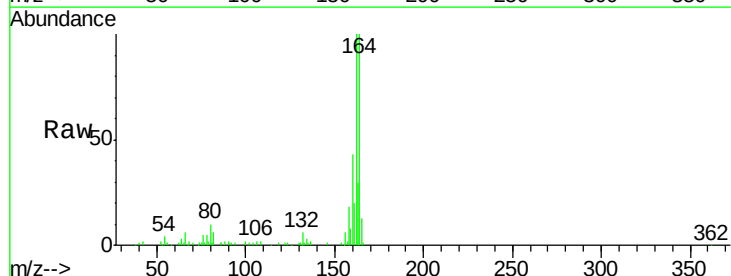
Instrument :
 BNA_G
 ClientSampleID :
 PB106216BL

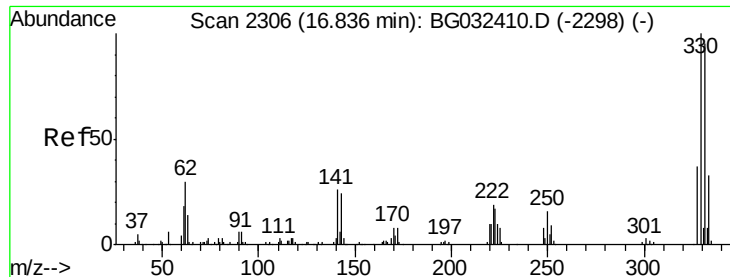
Tot Ion	82	Resp	113948
Ion Ratio	100	Lower	Upper
128	41.5	29.7	44.5
54	47.5	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.35 min Scan# 2053
 Delta R.T. -0.00 min
 Lab File: BG032470.D
 Acq: 31 Jan 2018 18:00

Tgt Ion	164	Resp	76296
Ion Ratio	100	Lower	Upper
162	99.8	78.8	118.2
160	43.3	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 68.775 ng

RT: 16.82 min Scan# 2304

Delta R.T. -0.01 min

Lab File: BG032470.D

Acq: 31 Jan 2018 18:00

Instrument :

BNA_G

ClientSampleId :

PB106216BL

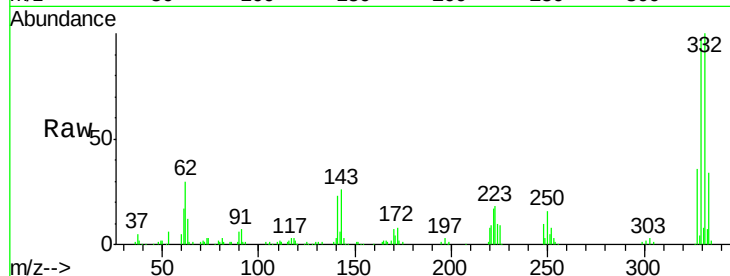
Tot Ion:330 Resp: 99881

Ion Ratio Lower Upper

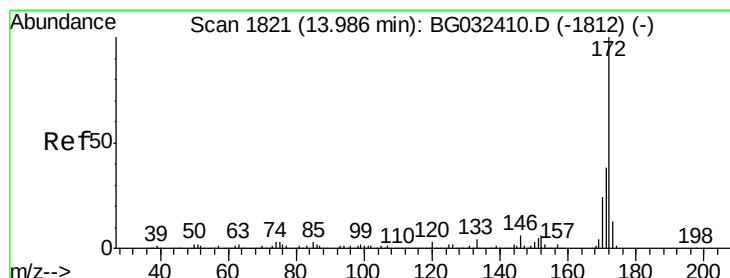
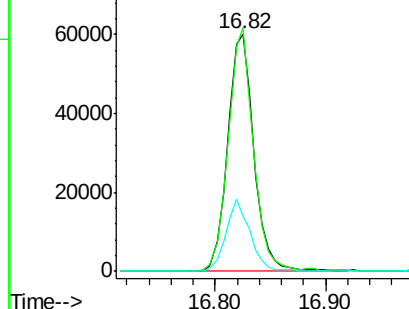
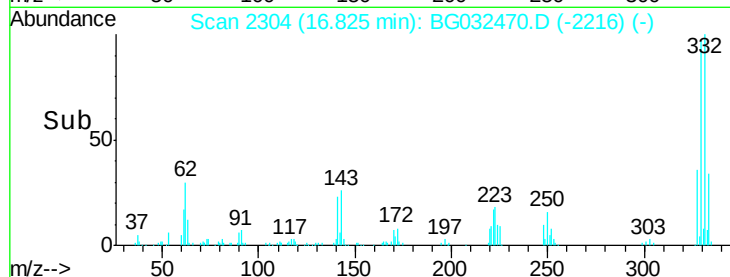
330 100

332 98.3 77.0 115.6

141 28.4 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: 65.667 ng

RT: 13.98 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BG032470.D

Acq: 31 Jan 2018 18:00

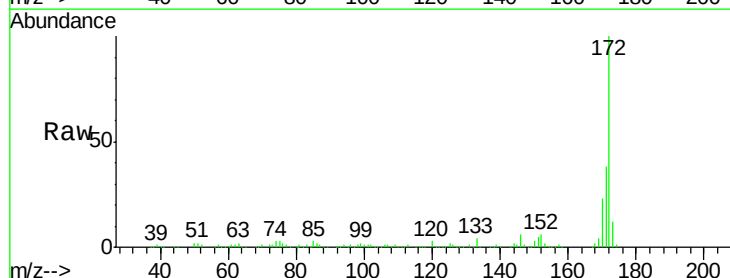
Tgt Ion:172 Resp: 421524

Ion Ratio Lower Upper

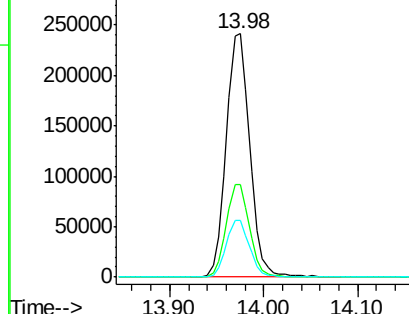
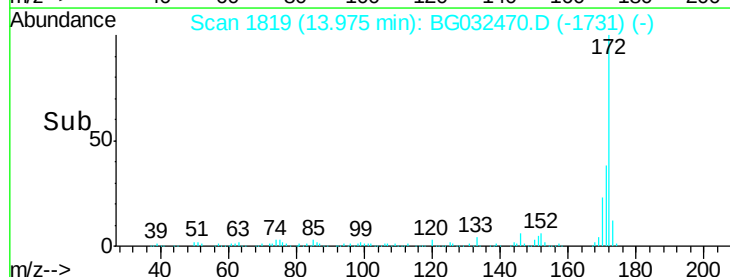
172 100

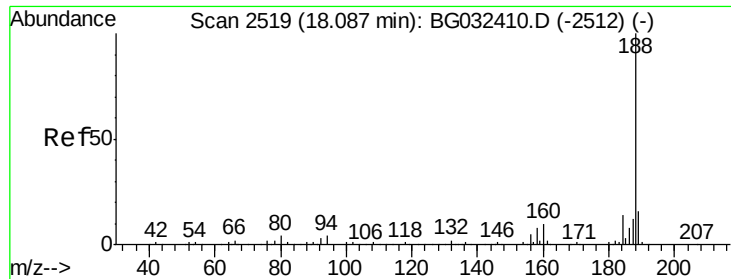
171 37.8 30.0 45.0

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

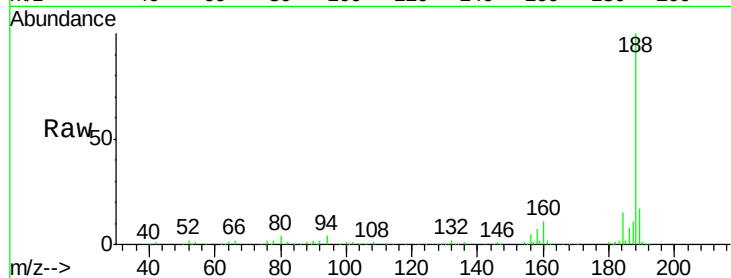




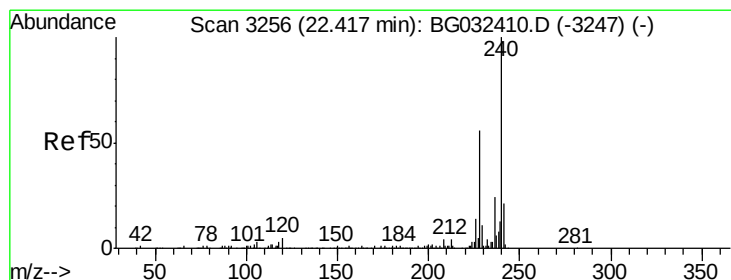
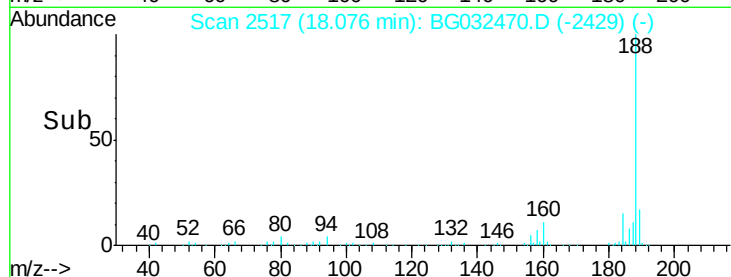
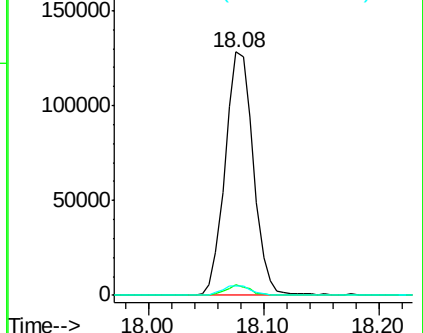
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.08 min Scan# 2517
Delta R.T. -0.01 min
Lab File: BG032470.D
Acq: 31 Jan 2018 18:00

Instrument :
BNA_G
ClientSampleId :
PB106216BL

Tot Ion:188 Resp: 217229
Ion Ratio Lower Upper
188 100
94 4.3 6.9 10.3#
80 4.0 7.7 11.5#

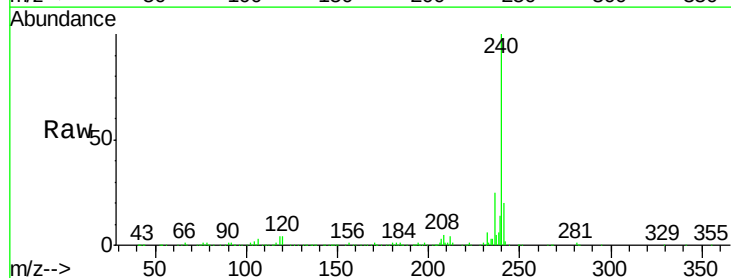


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

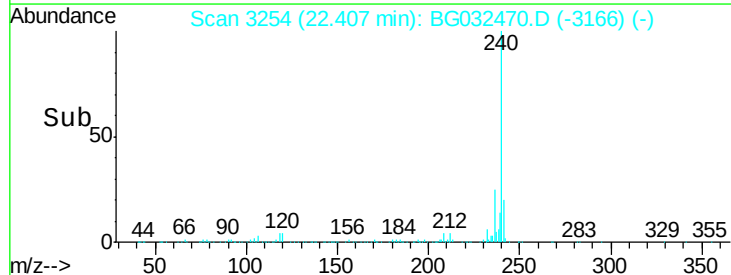
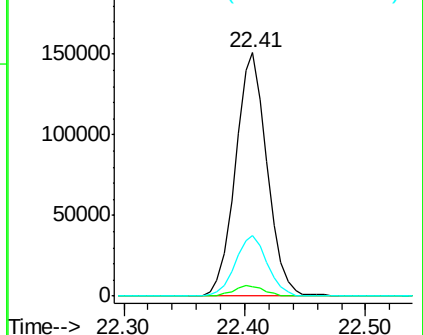


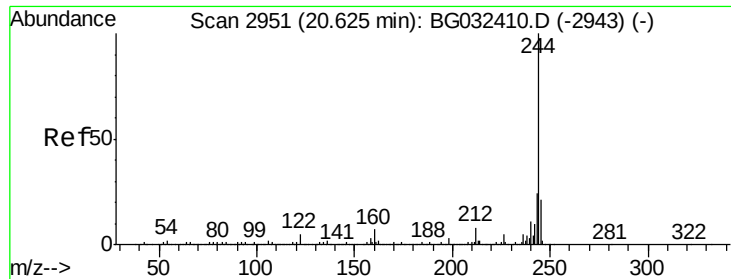
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.41 min Scan# 3254
Delta R.T. -0.01 min
Lab File: BG032470.D
Acq: 31 Jan 2018 18:00

Tgt Ion:240 Resp: 274187
Ion Ratio Lower Upper
240 100
120 4.0 6.8 10.2#
236 24.8 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: 65.504 ng

RT: 20.61 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032470.D

Acq: 31 Jan 2018 18:00

Instrument :

BNA_G

ClientSampleId :

PB106216BL

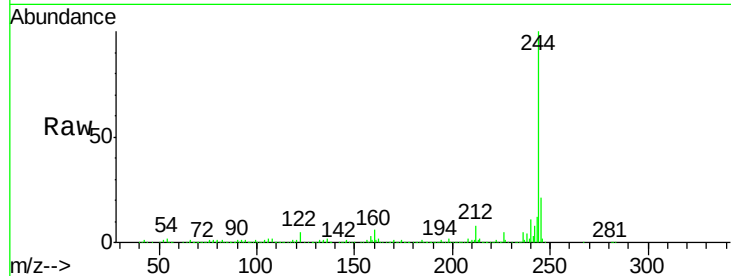
Tot Ion:244 Resp: 838455

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

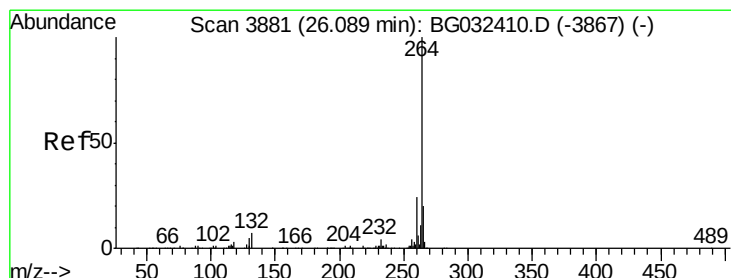
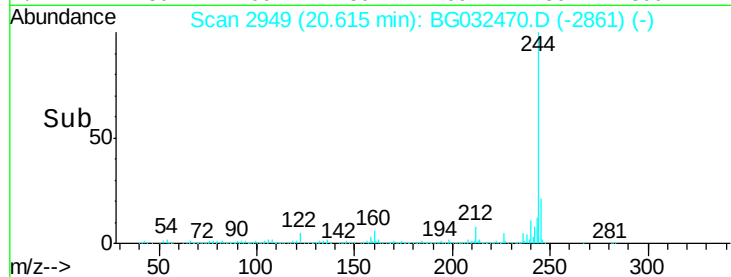
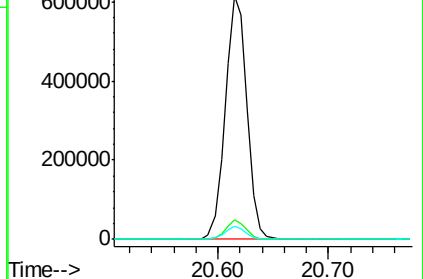
122 5.2 7.0 10.4#



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: 26.08 min Scan# 3880

Delta R.T. -0.00 min

Lab File: BG032470.D

Acq: 31 Jan 2018 18:00

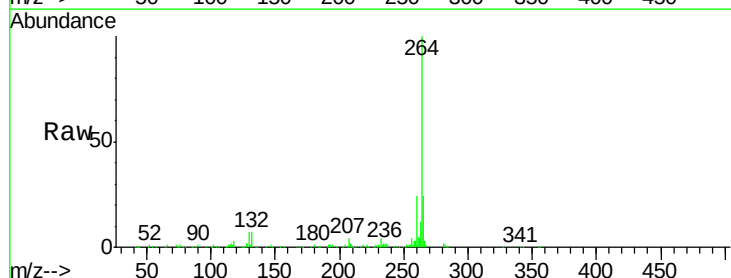
Tgt Ion:264 Resp: 301002

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 24.0 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

