

Data Path : U:\HPCHEM1\BNA G\DATA\BG020218\
 Data File : BG032531.D
 Acq On : 3 Feb 2018 3:48
 Operator : SJ/JU
 Sample : J1436-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B12

Quant Time: Feb 03 05:49:32 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	22720	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	91364	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	67325	20.00	ng	-0.01
63) Phenanthrene-d10	18.08	188	187044	20.00	ng	-0.01
75) Chrysene-d12	22.40	240	253494	20.00	ng	-0.02
86) Perylene-d12	26.08	264	253275	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	153584	135.78	ng	0.00
7) Phenol-d6	7.83	99	173792	115.14	ng	0.00
23) Nitrobenzene-d5	9.90	82	138315	94.56	ng	-0.02
41) 2,4,6-Tribromophenol	16.82	330	151775	118.43	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	510205	90.07	ng	-0.02
78) Terphenyl-d14	20.61	244	1173664	99.18	ng	-0.01

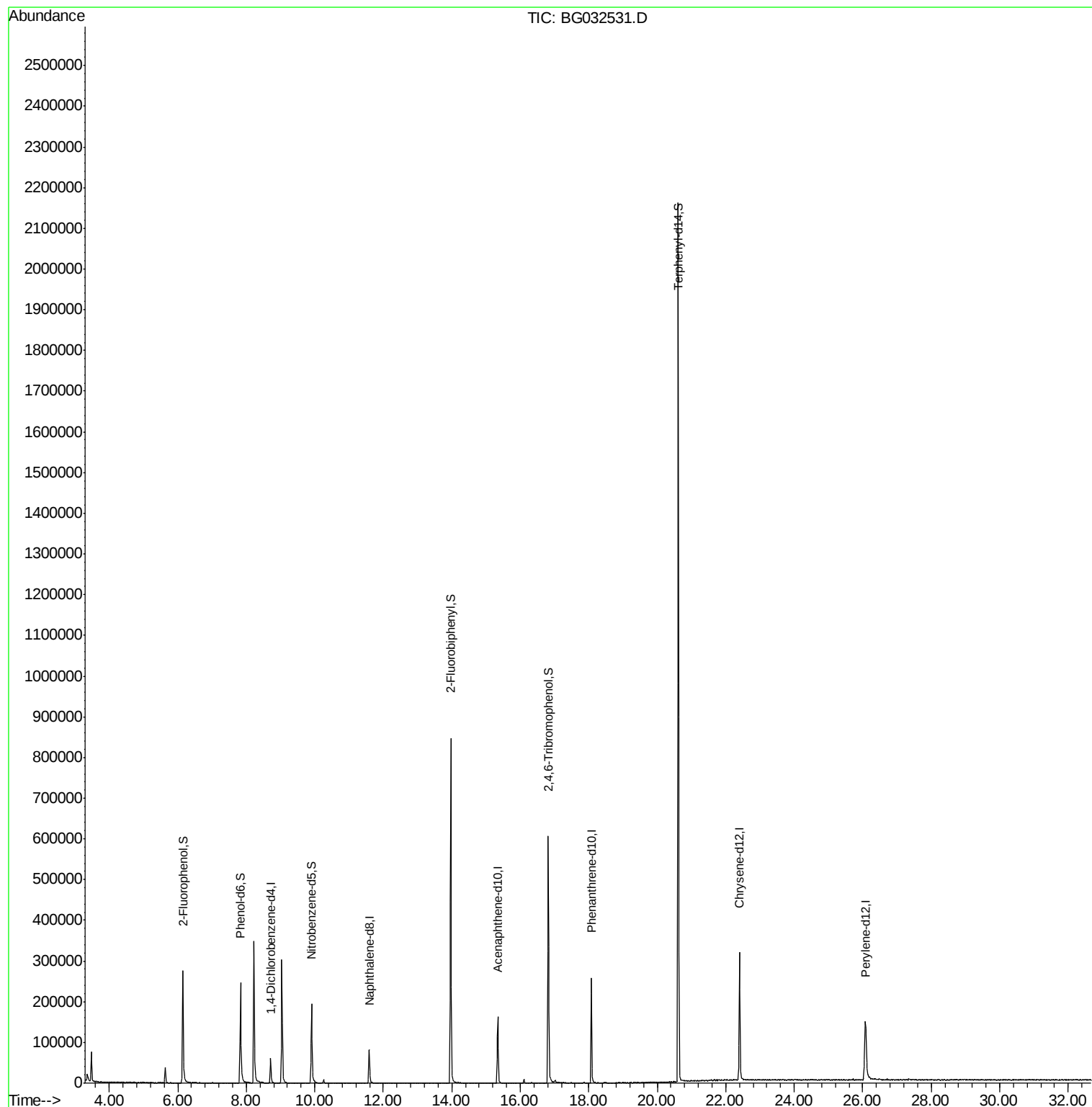
Target Compounds Qvalue

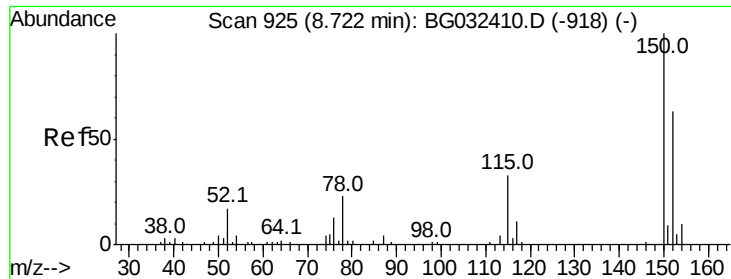
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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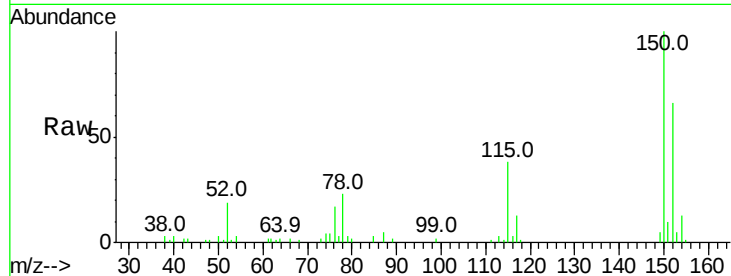


#1

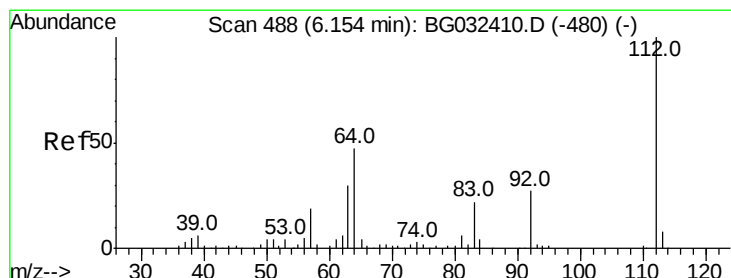
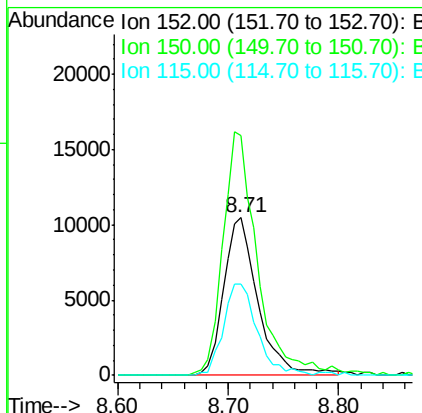
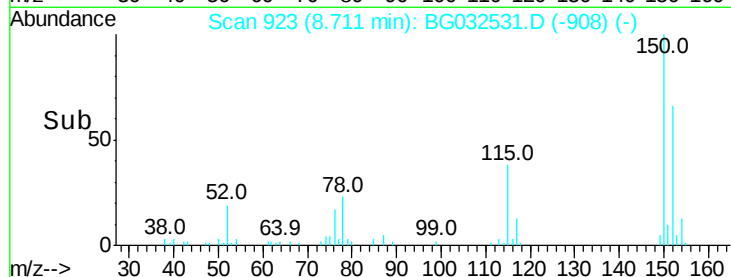
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032531.D
Acq: 3 Feb 2018 3:48

Instrument :
BNA_G
ClientSampled :
B12

Tot Ion:152 Resp: 22720
Ion Ratio Lower Upper
152 100
150 152.1 126.6 189.8
115 58.2 53.0 79.4



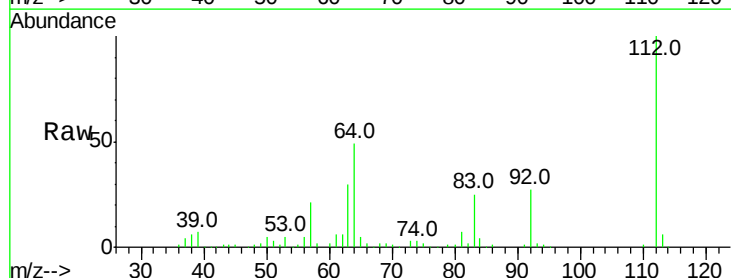
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



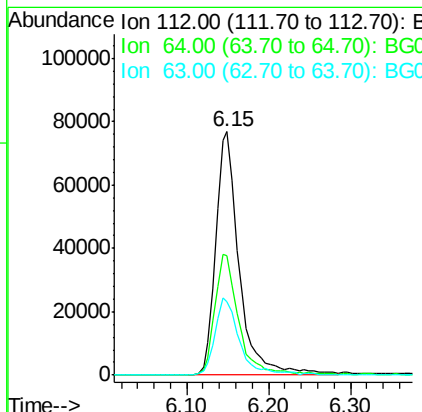
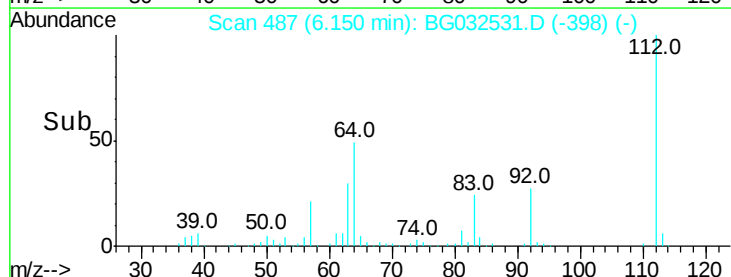
#5

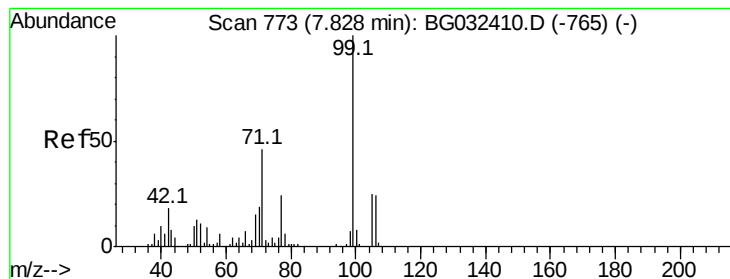
2-Fluorophenol
Concen: 135.776 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG032531.D
Acq: 3 Feb 2018 3:48

Tgt Ion:112 Resp: 153584
Ion Ratio Lower Upper
112 100
64 49.3 56.3 84.5#
63 29.9 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: 115.137 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032531.D

Acq: 3 Feb 2018 3:48

Instrument :

BNA_G

ClientSampleId :

B12

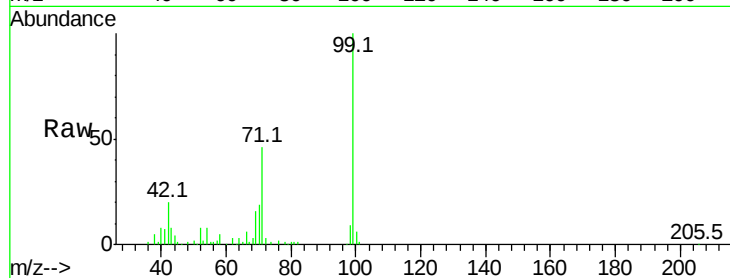
Tot Ion: 99 Resp: 173792

Ion Ratio Lower Upper

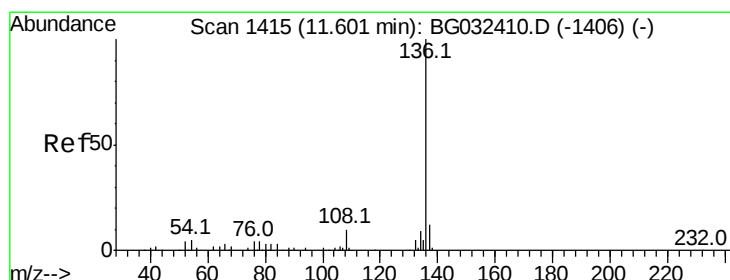
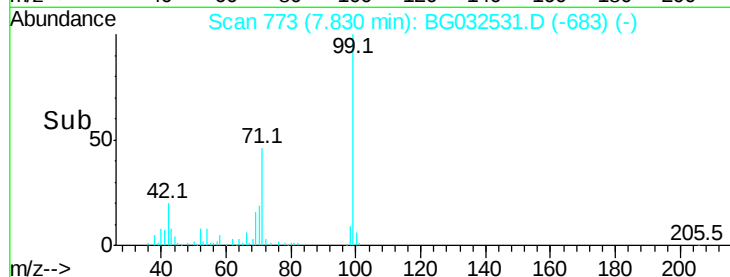
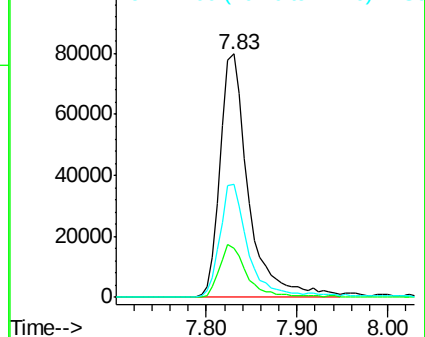
99 100

42 19.9 14.1 21.1

71 46.2 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: BG032531.D

Acq: 3 Feb 2018 3:48

Tgt Ion: 136 Resp: 91364

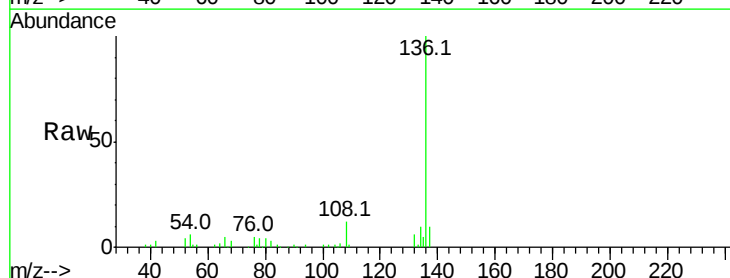
Ion Ratio Lower Upper

136 100

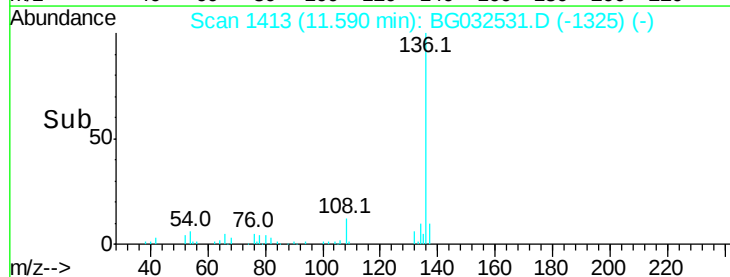
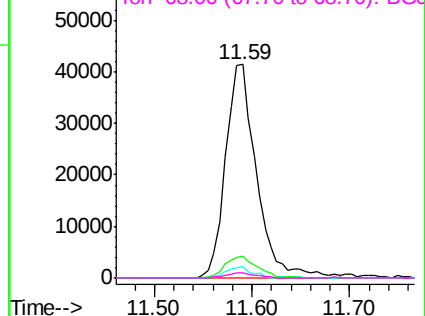
137 10.0 9.2 13.8

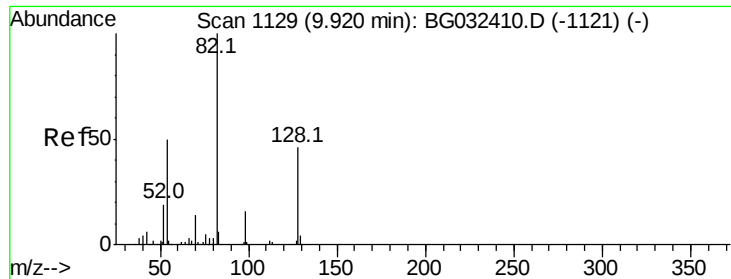
54 5.6 10.3 15.5#

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

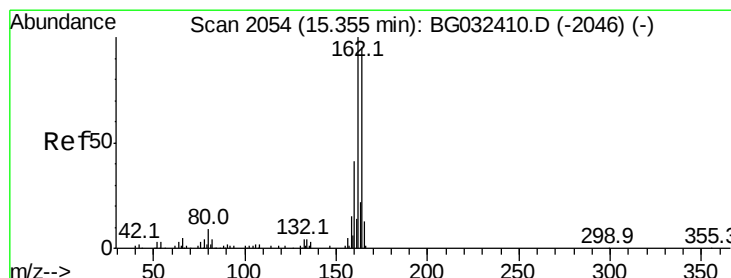
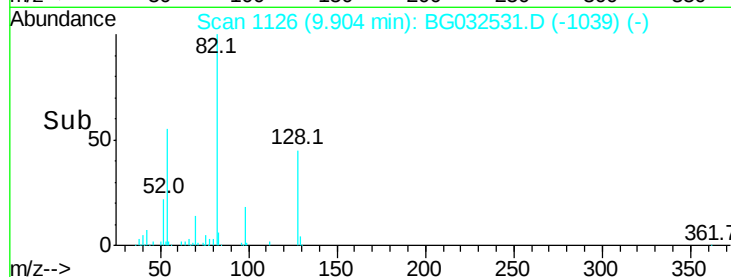
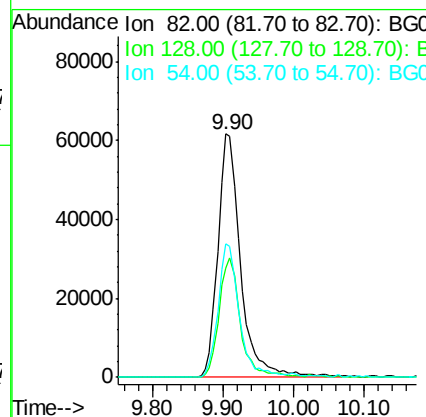
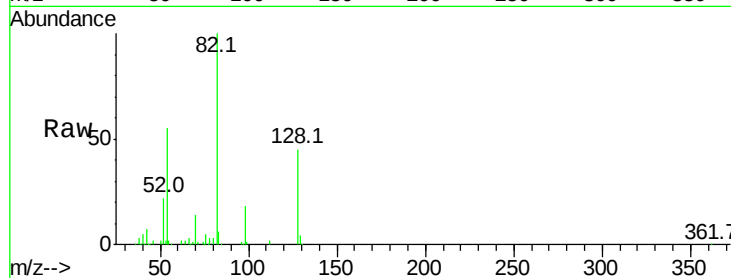




#23
Nitrobenzene-d5
Concen: 94.558 ng
RT: 9.90 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BG032531.D
Acq: 3 Feb 2018 3:48

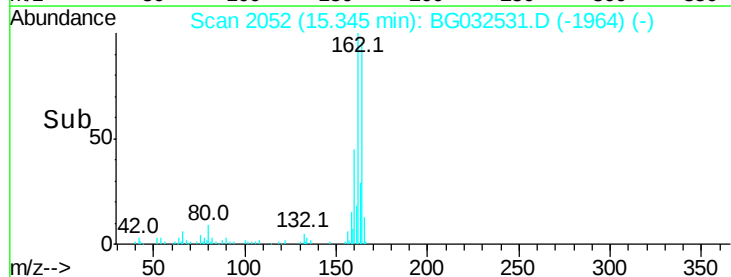
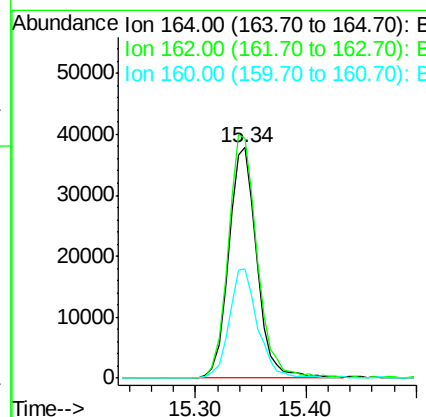
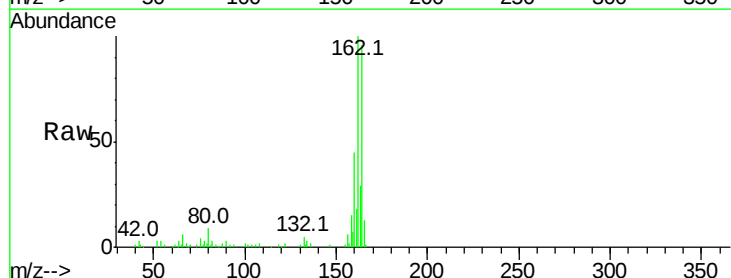
Instrument :
BNA_G
ClientSampleId :
B12

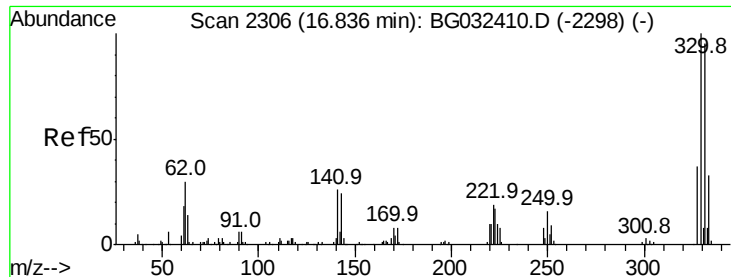
Tot Ion: 82 Resp: 138315
Ion Ratio Lower Upper
82 100
128 45.0 29.7 44.5#
54 54.7 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032531.D
Acq: 3 Feb 2018 3:48

Tgt Ion: 164 Resp: 67325
Ion Ratio Lower Upper
164 100
162 103.9 78.8 118.2
160 47.2 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 118.432 ng

RT: 16.82 min Scan# 2303

Delta R.T. -0.02 min

Lab File: BG032531.D

Acq: 3 Feb 2018 3:48

Instrument :

BNA_G

ClientSampleId :

B12

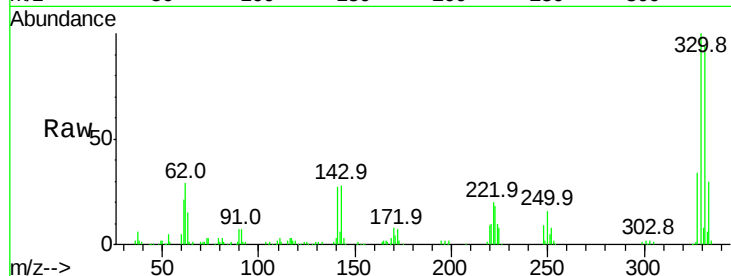
Tot Ion:330 Resp: 151775

Ion Ratio Lower Upper

330 100

332 97.4 77.0 115.6

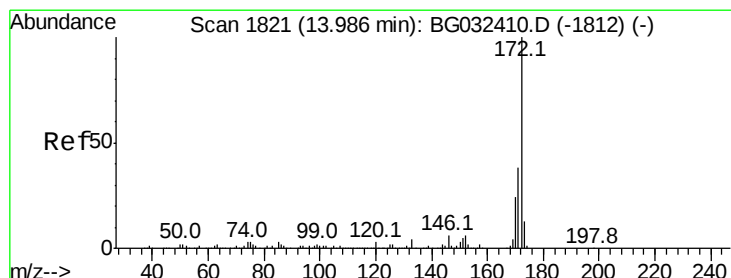
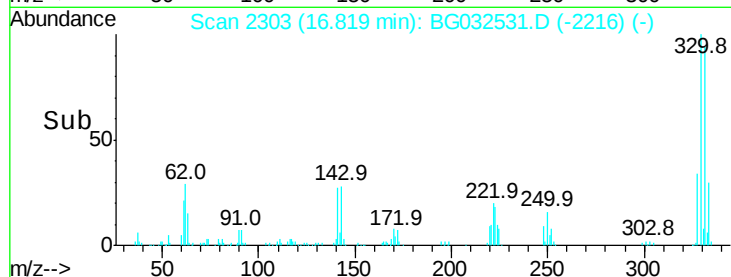
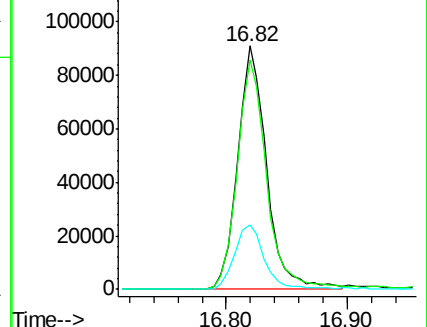
141 27.5 25.2 37.8



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: 90.072 ng

RT: 13.97 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BG032531.D

Acq: 3 Feb 2018 3:48

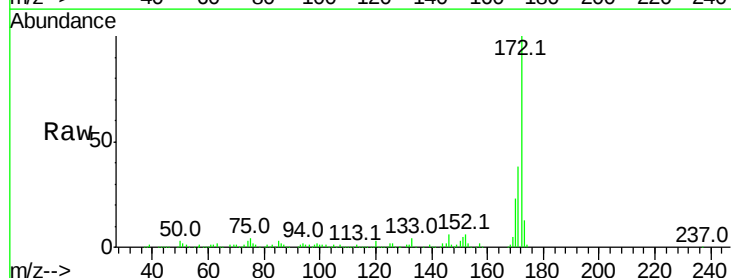
Tgt Ion:172 Resp: 510205

Ion Ratio Lower Upper

172 100

171 37.9 30.0 45.0

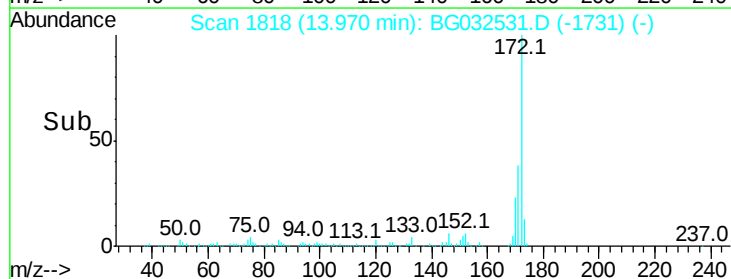
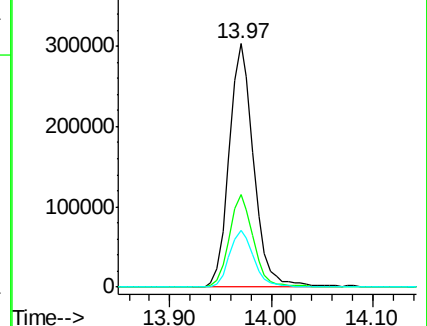
170 23.4 19.5 29.3

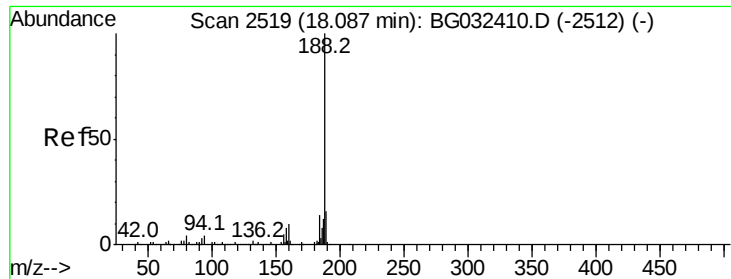


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG032531.D

Acq: 3 Feb 2018 3:48

Instrument :

BNA_G

ClientSampleId :

B12

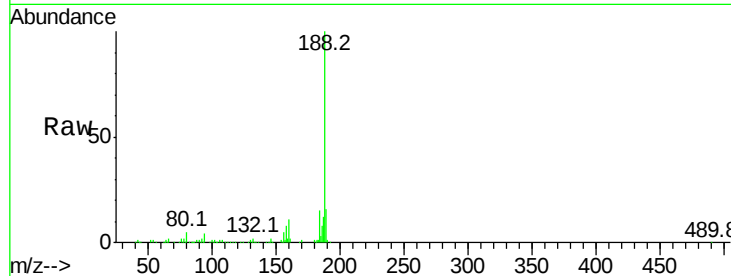
Tot Ion:188 Resp: 187044

Ion Ratio Lower Upper

188 100

94 3.9 6.9 10.3#

80 4.6 7.7 11.5#



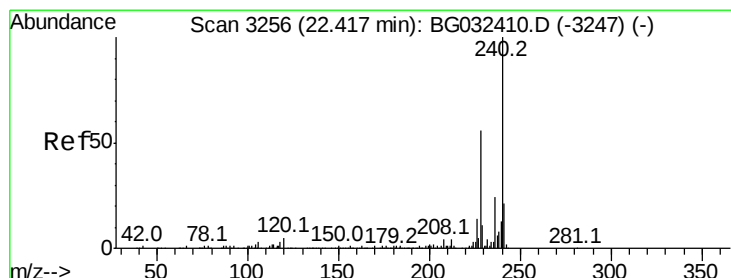
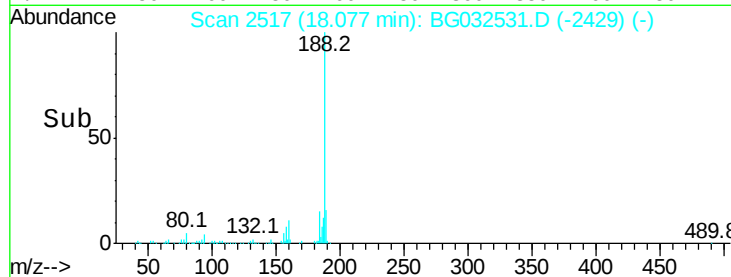
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): B

Ion 80.00 (79.70 to 80.70): B

18.08

Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.40 min Scan# 3253

Delta R.T. -0.02 min

Lab File: BG032531.D

Acq: 3 Feb 2018 3:48

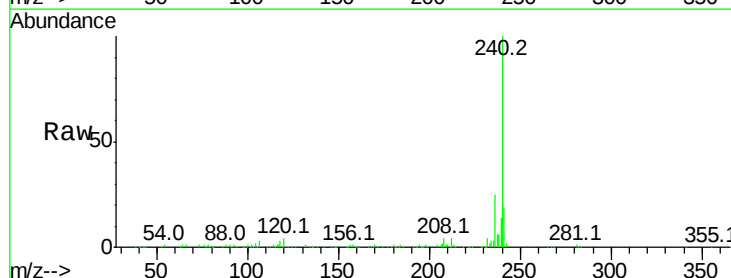
Tgt Ion:240 Resp: 253494

Ion Ratio Lower Upper

240 100

120 3.8 6.8 10.2#

236 24.7 20.9 31.3



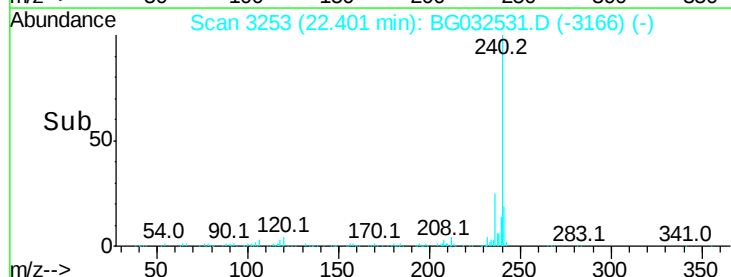
Abundance Ion 240.00 (239.70 to 240.70): E

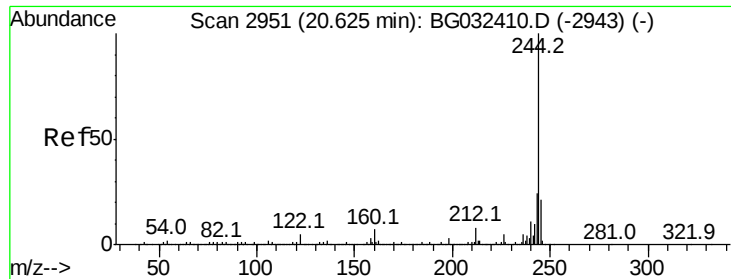
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

22.40

Time-->





#78

Terphenyl-d14

Concen: 99.177 ng

RT: 20.61 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032531.D

Acq: 3 Feb 2018 3:48

Instrument :

BNA_G

ClientSampleId :

B12

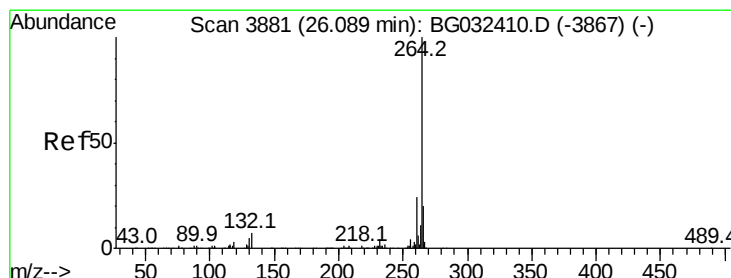
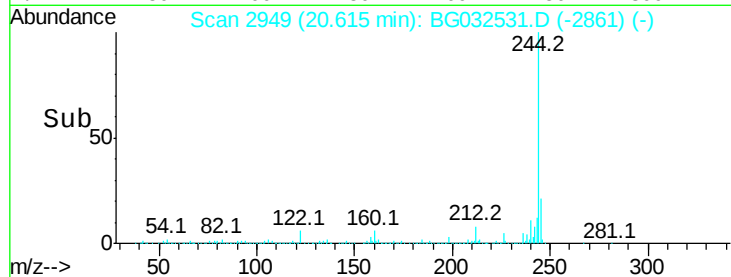
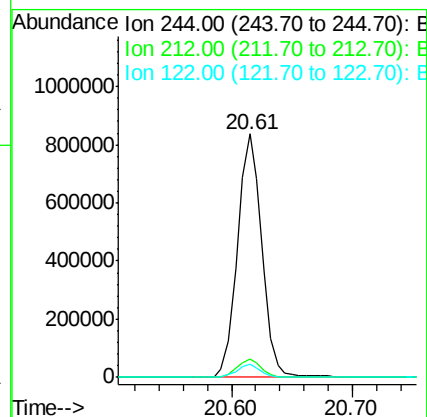
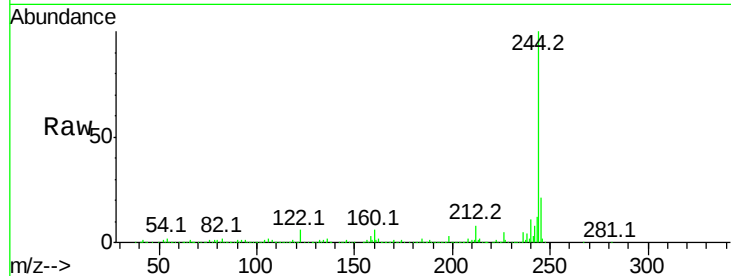
Tot Ion:244 Resp: 1173664

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.8	8.8
122	5.7	7.0	10.4

244 100

212 7.6 5.8 8.8

122 5.7 7.0 10.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.08 min Scan# 3879

Delta R.T. -0.01 min

Lab File: BG032531.D

Acq: 3 Feb 2018 3:48

Tgt Ion:264 Resp: 253275

Ion	Ratio	Lower	Upper
264	100		
260	22.1	17.4	26.0
265	22.0	17.7	26.5

264 100

260 22.1 17.4 26.0

265 22.0 17.7 26.5

