

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG012918\
 Data File : BG032440.D
 Acq On : 30 Jan 2018 9:41
 Operator : SJ/JU
 Sample : PB106136TB
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106136TB

Quant Time: Jan 30 11:51:28 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	8.72	152	23720	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	94828	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	71907	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	207818	20.00	ng	0.00
75) Chrysene-d12	22.42	240	259728	20.00	ng	0.00
86) Perylene-d12	26.10	264	281878	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	153227	129.75	ng	0.00
7) Phenol-d6	7.83	99	183649	116.54	ng	0.00
23) Nitrobenzene-d5	9.91	82	111038	73.14	ng	0.00
41) 2,4,6-Tribromophenol	16.84	330	31958	23.35	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	428827	70.88	ng	0.00
78) Terphenyl-d14	20.63	244	1007098	83.06	ng	0.00

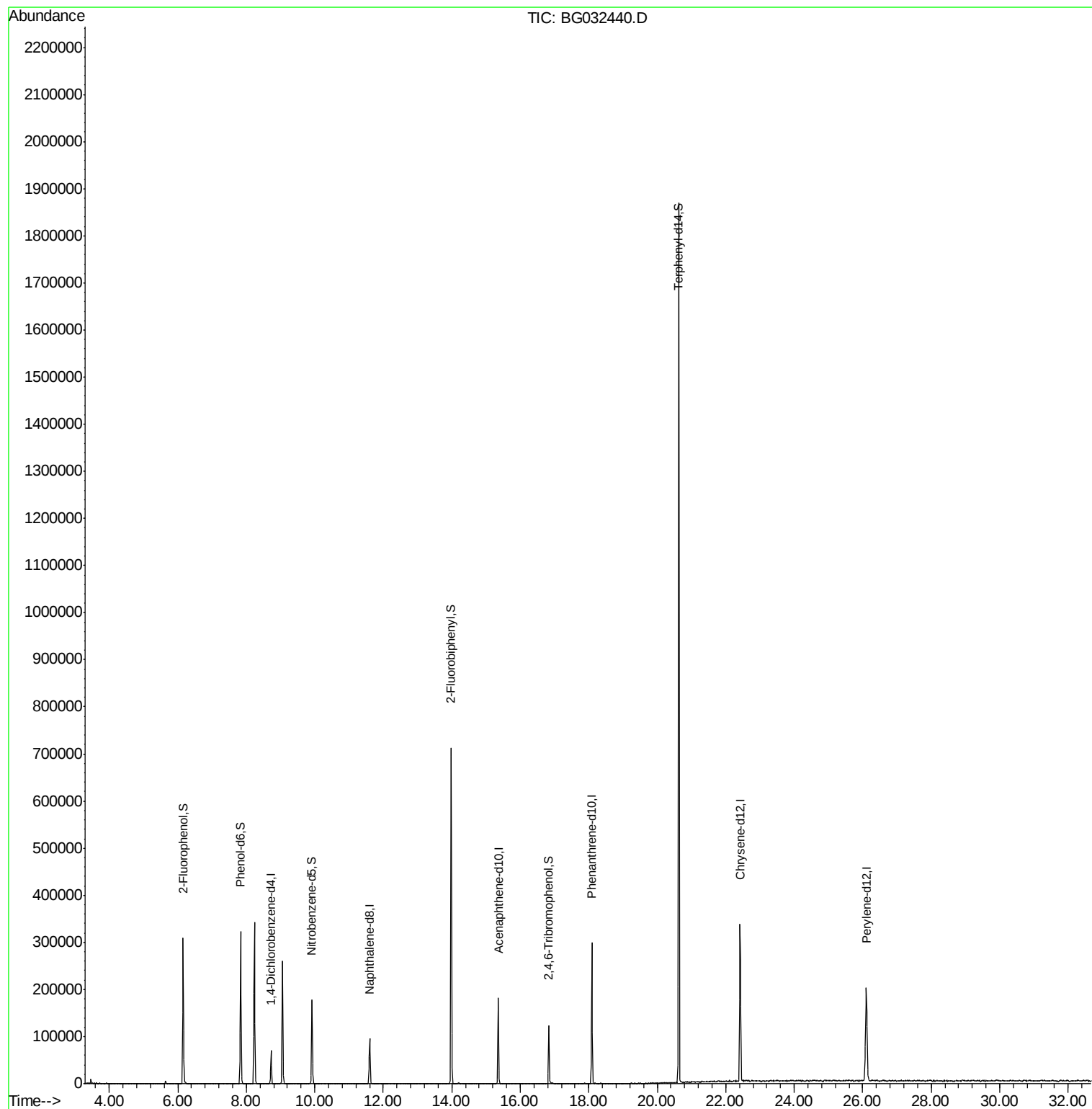
Target Compounds	Qvalue
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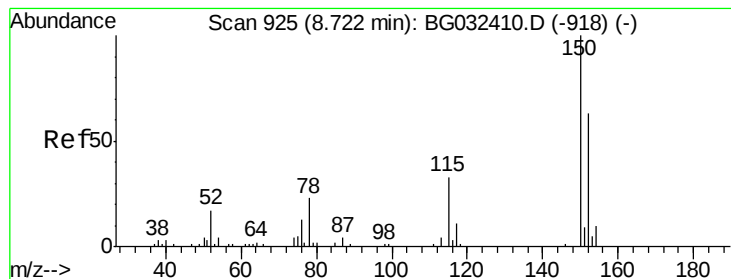
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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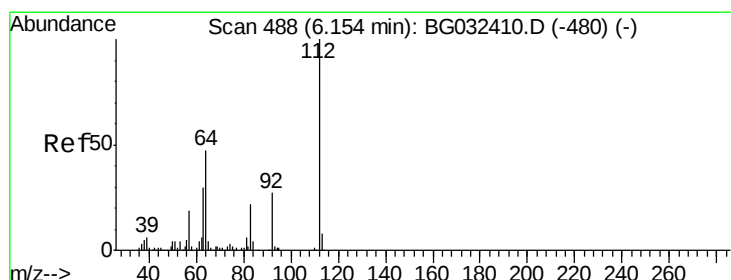
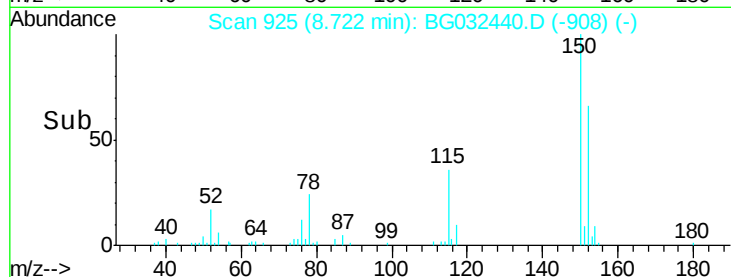
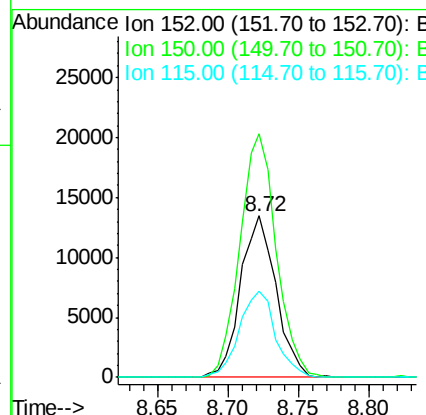
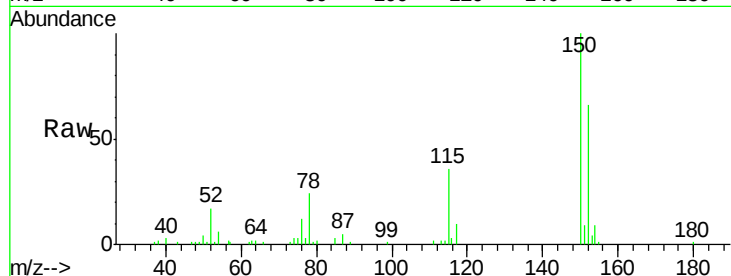


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.72 min Scan# 925
Delta R.T. 0.00 min
Lab File: BG032440.D
Acq: 30 Jan 2018 9:41

Instrument :
BNA_G
ClientSampleId :
PB106136TB

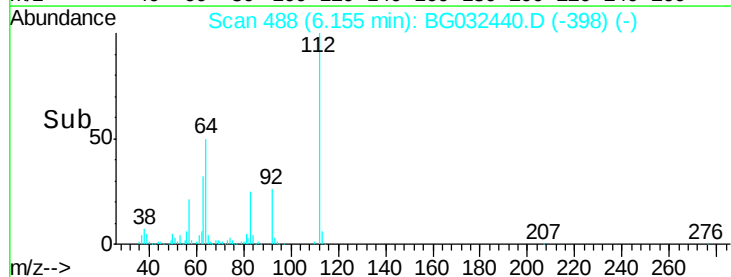
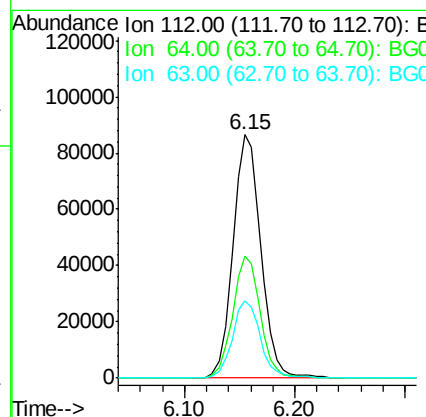
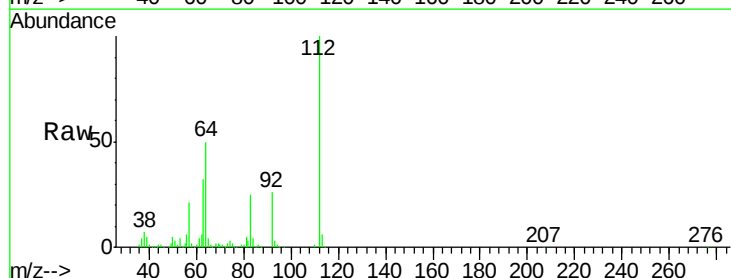
Tgt Ion:152 Resp: 23720
Ion Ratio Lower Upper
152 100
150 151.0 126.6 189.8
115 53.8 53.0 79.4

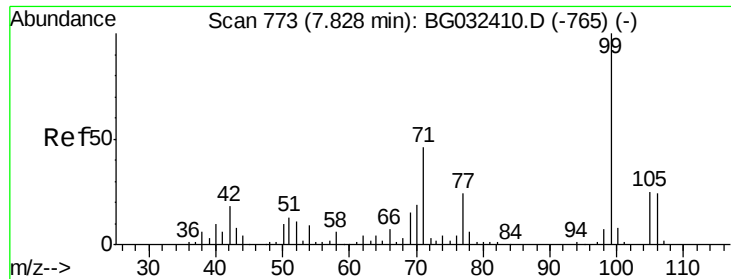


#5

2-Fluorophenol
Concen: 129.749 ng
RT: 6.15 min Scan# 488
Delta R.T. 0.00 min
Lab File: BG032440.D
Acq: 30 Jan 2018 9:41

Tgt Ion:112 Resp: 153227
Ion Ratio Lower Upper
112 100
64 50.3 56.3 84.5#
63 31.9 30.1 45.1





#7

Phenol-d6

Concen: 116.538 ng

RT: 7.83 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032440.D

Acq: 30 Jan 2018 9:41

Instrument :

BNA_G

ClientSampleId :

PB106136TB

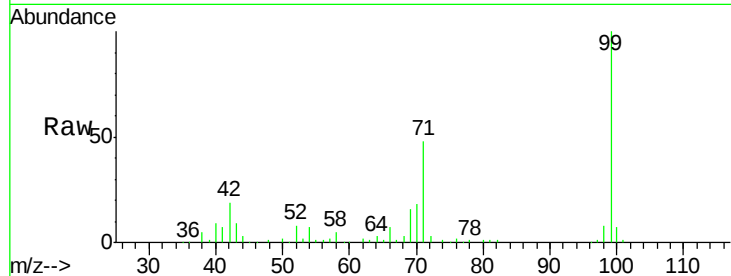
Tgt Ion: 99 Resp: 183649

Ion Ratio Lower Upper

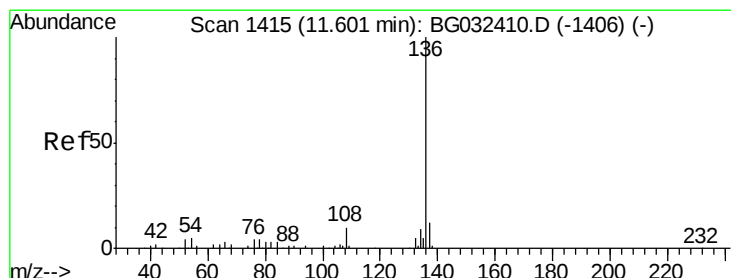
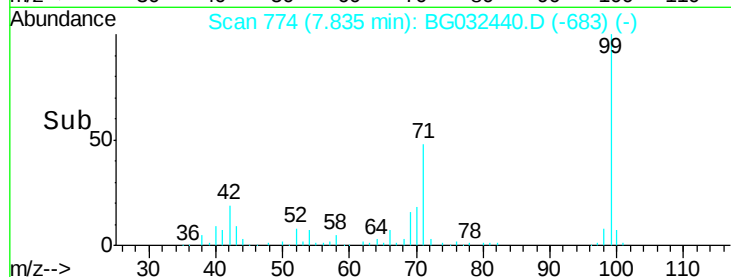
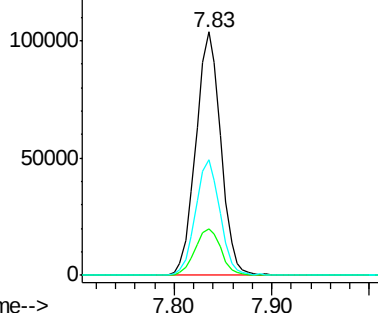
99 100

42 19.3 14.1 21.1

71 47.5 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: 11.60 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BG032440.D

Acq: 30 Jan 2018 9:41

Tgt Ion: 136 Resp: 94828

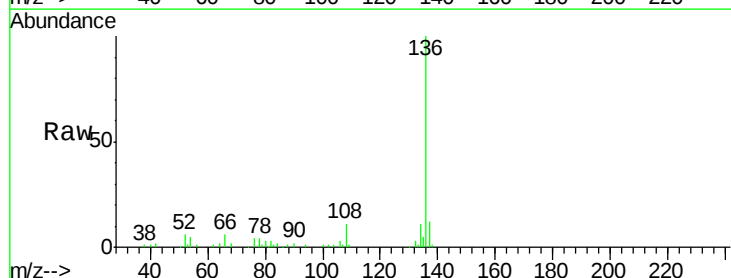
Ion Ratio Lower Upper

136 100

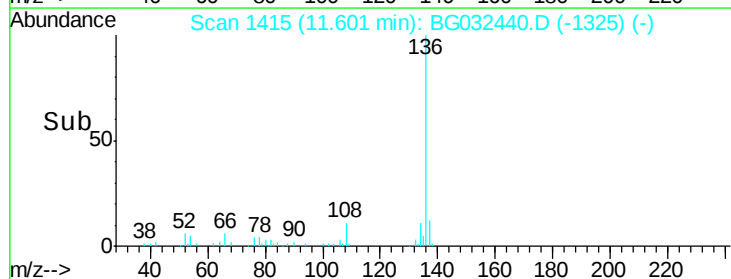
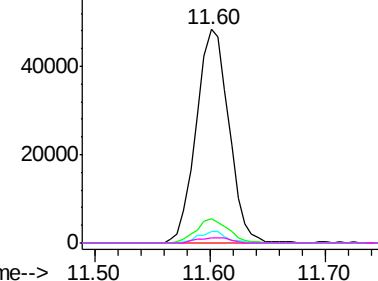
137 11.5 9.2 13.8

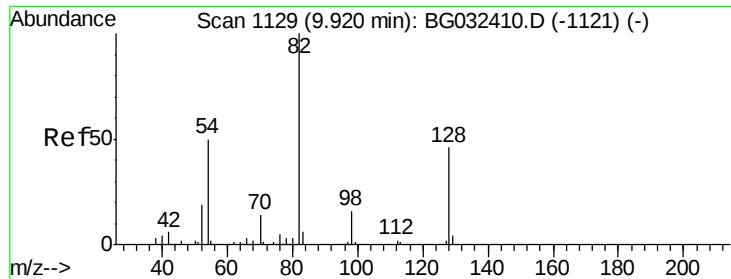
54 5.1 10.3 15.5#

68 2.2 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

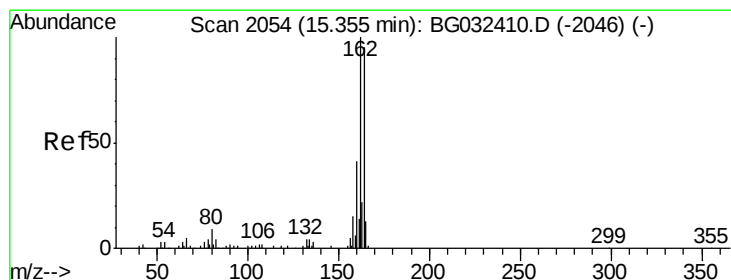
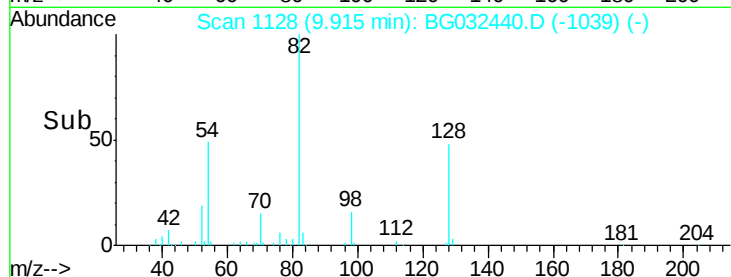
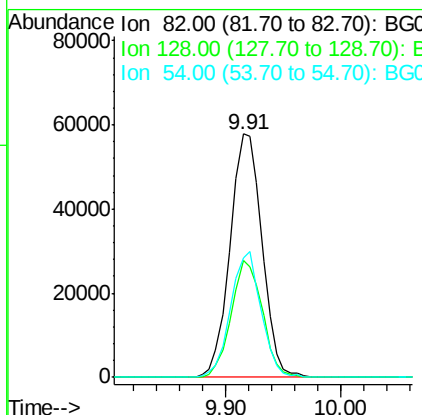
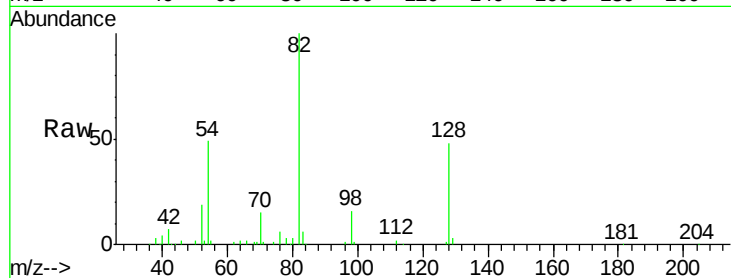




#23
 Nitrobenzene-d5
 Concen: 73.137 ng
 RT: 9.91 min Scan# 1128
 Delta R.T. -0.01 min
 Lab File: BG032440.D
 Acq: 30 Jan 2018 9:41

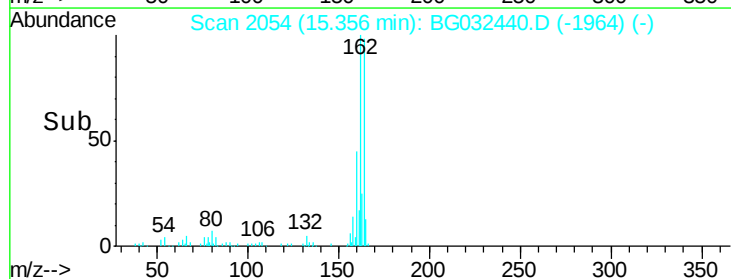
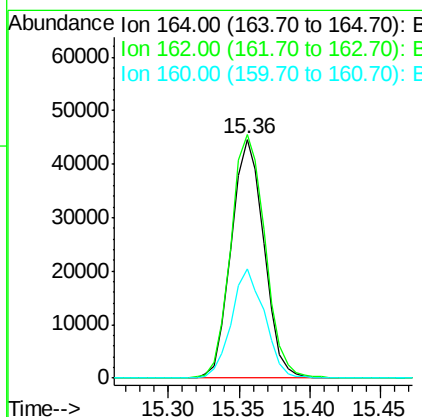
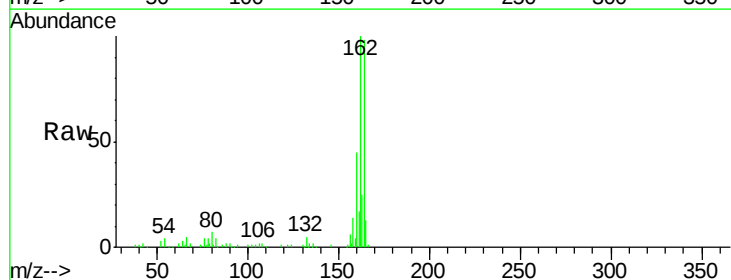
Instrument :
 BNA_G
 ClientSampleId :
 PB106136TB

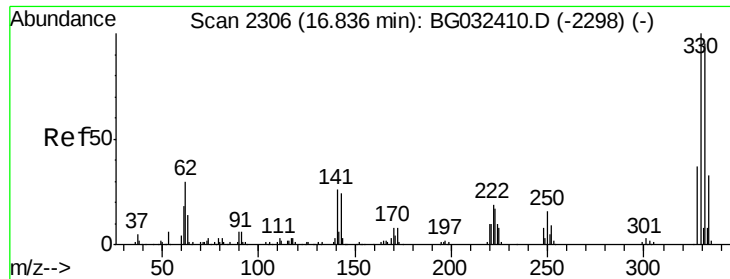
Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.9	29.7	44.5#
54	49.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.36 min Scan# 2054
 Delta R.T. 0.00 min
 Lab File: BG032440.D
 Acq: 30 Jan 2018 9:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.0	78.8	118.2
160	45.9	35.4	53.0

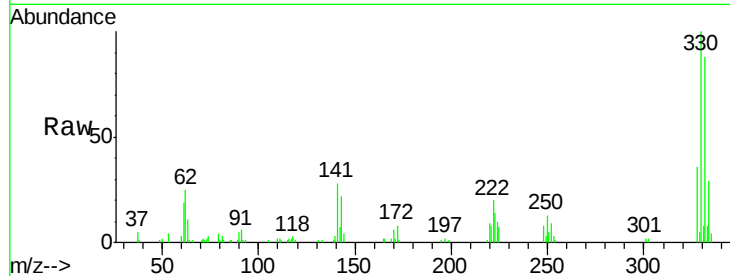




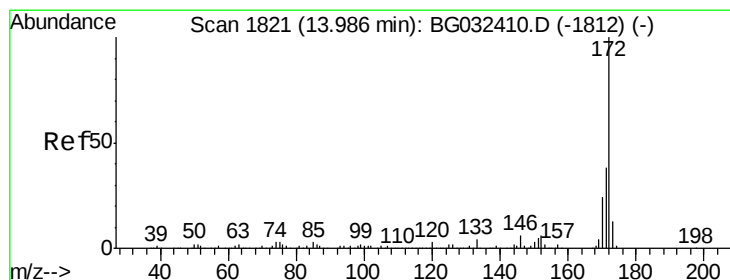
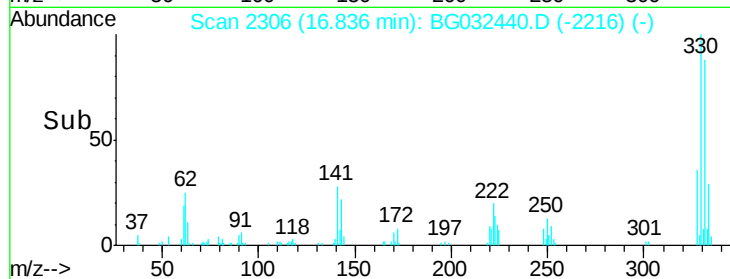
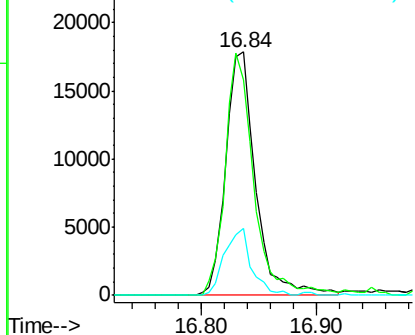
#41
 2,4,6-Tribromophenol
 Concen: 23.348 ng
 RT: 16.84 min Scan# 2306
 Delta R.T. 0.00 min
 Lab File: BG032440.D
 Acq: 30 Jan 2018 9:41

Instrument :
 BNA_G
 ClientSampleId :
 PB106136TB

Tgt Ion:330 Resp: 31958
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 24.6 25.2 37.8#

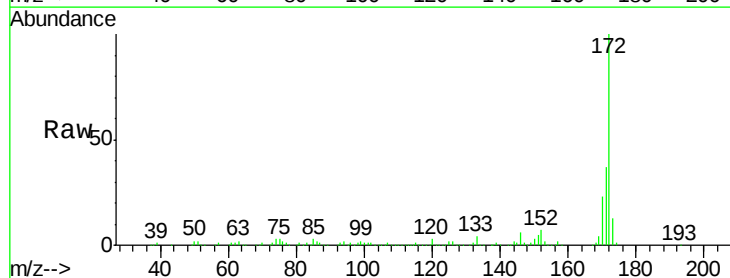


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

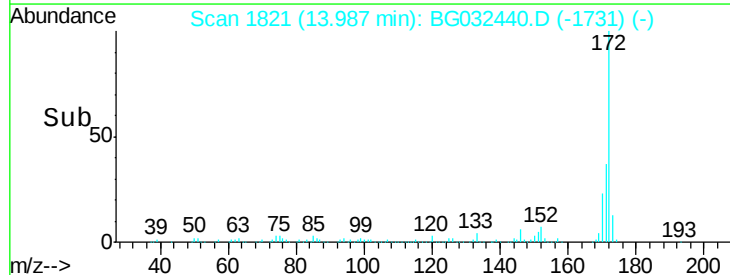
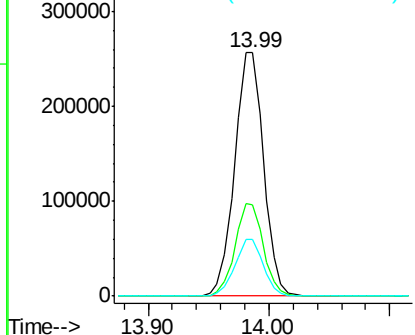


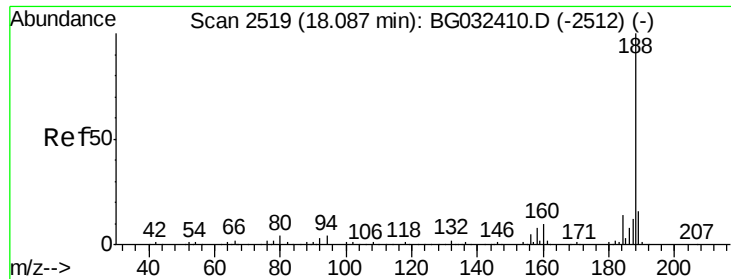
#44
 2-Fluorobiphenyl
 Concen: 70.882 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG032440.D
 Acq: 30 Jan 2018 9:41

Tgt Ion:172 Resp: 428827
 Ion Ratio Lower Upper
 172 100
 171 37.3 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: 18.09 min Scan# 2519

Delta R.T. 0.00 min

Lab File: BG032440.D

Acq: 30 Jan 2018 9:41

Instrument :

BNA_G

ClientSampleId :

PB106136TB

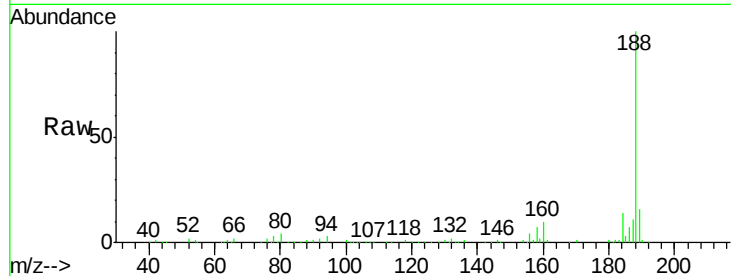
Tgt Ion:188 Resp: 207818

Ion Ratio Lower Upper

188 100

94 3.5 6.9 10.3#

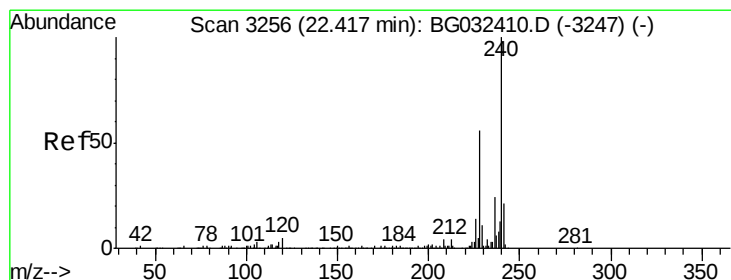
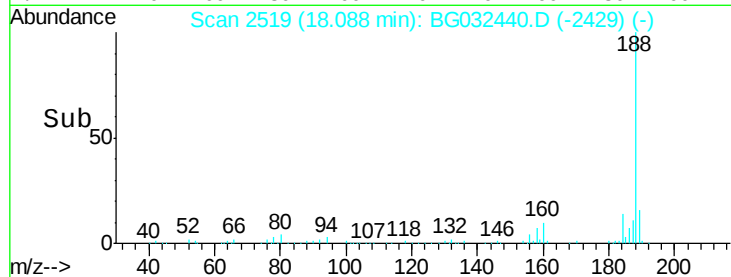
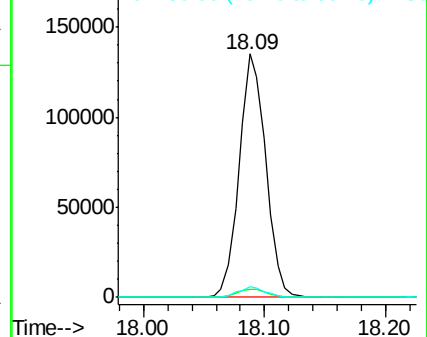
80 4.1 7.7 11.5#



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: 22.42 min Scan# 3256

Delta R.T. 0.00 min

Lab File: BG032440.D

Acq: 30 Jan 2018 9:41

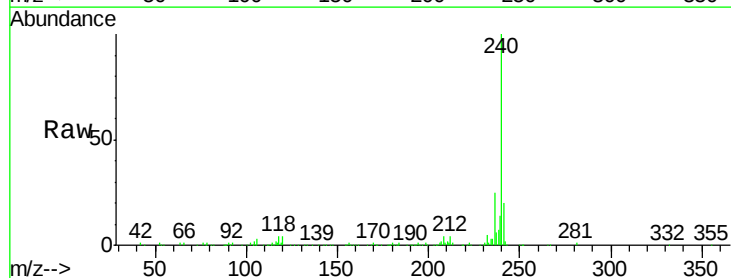
Tgt Ion:240 Resp: 259728

Ion Ratio Lower Upper

240 100

120 4.0 6.8 10.2#

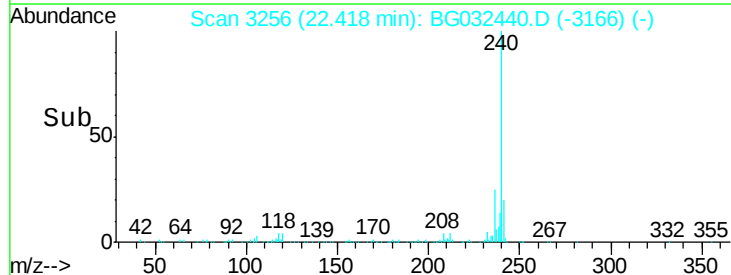
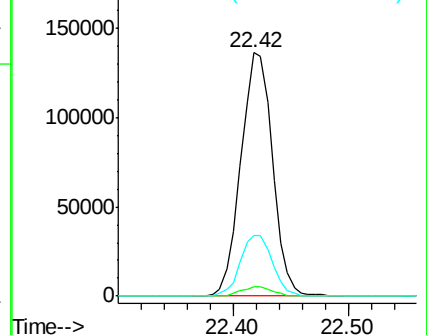
236 24.9 20.9 31.3

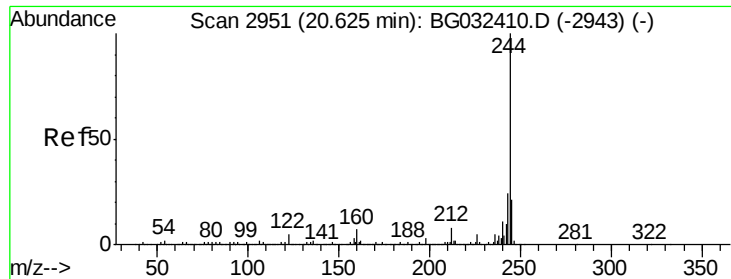


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 83.059 ng

RT: 20.63 min Scan# 2951

Delta R.T. 0.00 min

Lab File: BG032440.D

Acq: 30 Jan 2018 9:41

Instrument :

BNA_G

ClientSampleId :

PB106136TB

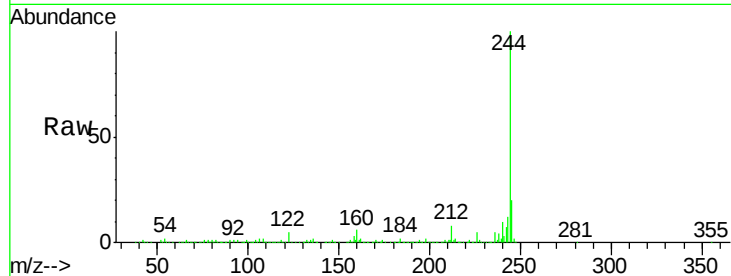
Tgt Ion:244 Resp: 1007098

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

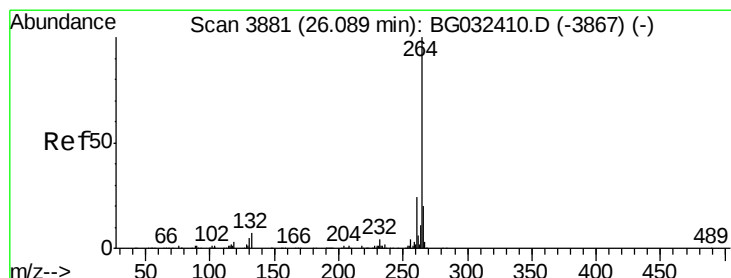
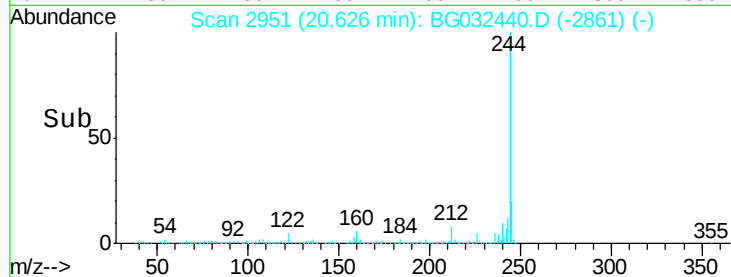
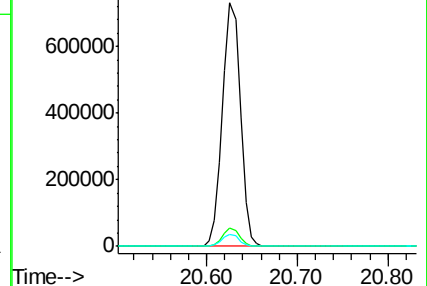
122 5.0 7.0 10.4#



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: 26.10 min Scan# 3883

Delta R.T. 0.01 min

Lab File: BG032440.D

Acq: 30 Jan 2018 9:41

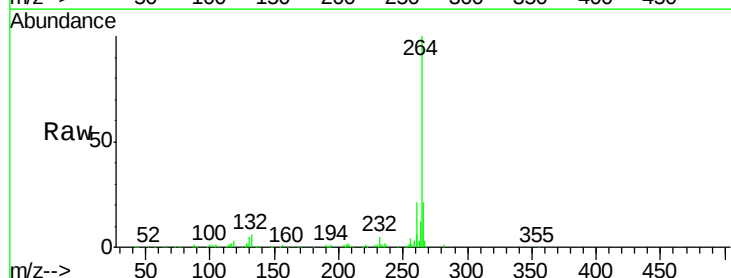
Tgt Ion:264 Resp: 281878

Ion Ratio Lower Upper

264 100

260 21.2 17.4 26.0

265 20.8 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

