

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_G\DATA\BG013018\
 Data File : BG032443.D
 Acq On : 30 Jan 2018 15:49
 Operator : SJ/JU
 Sample : PB106192BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106192BL

Quant Time: Jan 31 01:18:20 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	23280	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	86549	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	63825	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	184235	20.00	ng	0.00
75) Chrysene-d12	22.41	240	264807	20.00	ng	0.00
86) Perylene-d12	26.09	264	278603	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	139904	120.71	ng	0.00
7) Phenol-d6	7.84	99	167904	108.56	ng	0.02
23) Nitrobenzene-d5	9.91	82	105095	75.84	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	153677	126.49	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	387137	72.09	ng	0.00
78) Terphenyl-d14	20.62	244	967973	78.30	ng	0.00

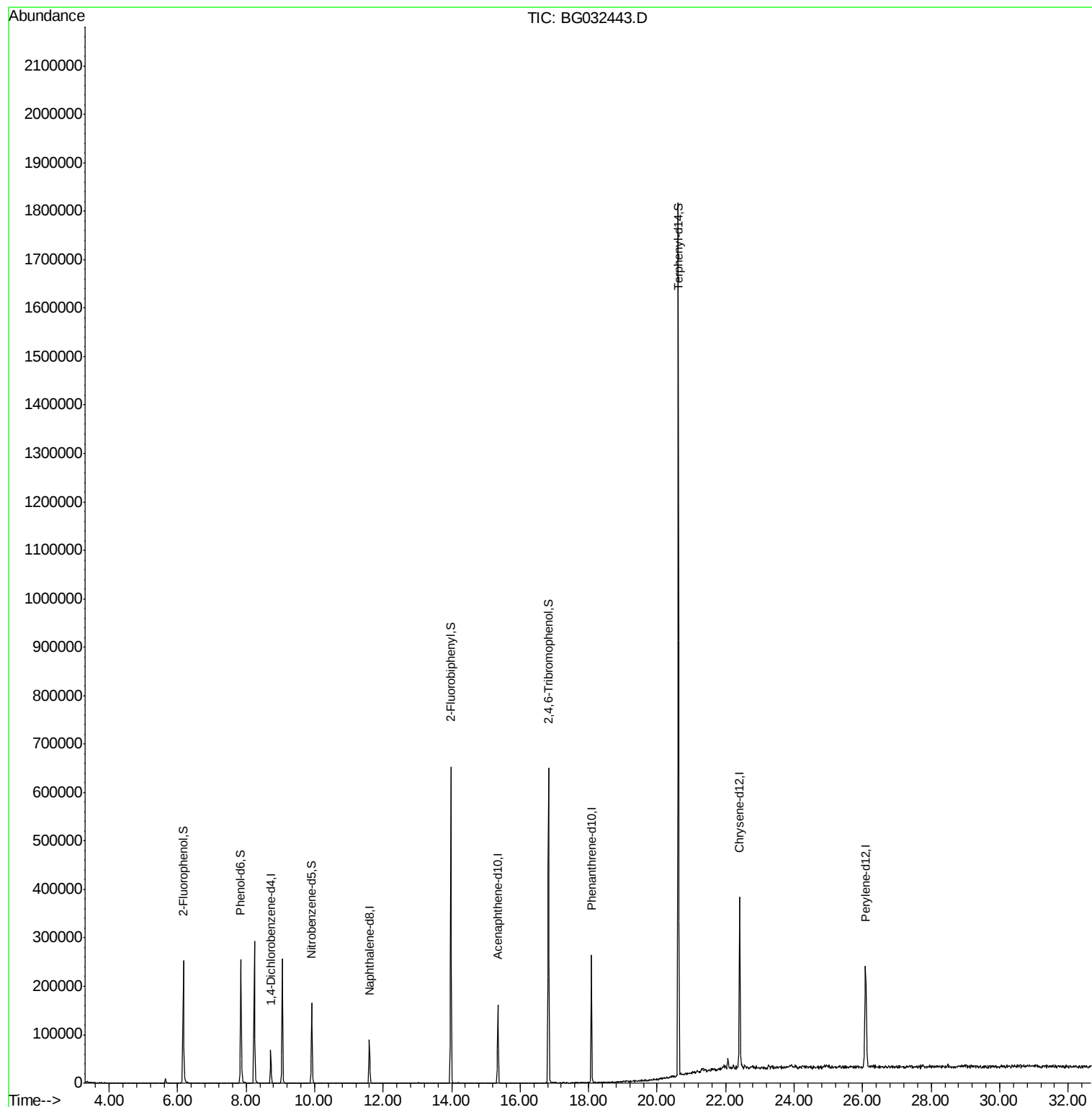
Target Compounds	Qvalue
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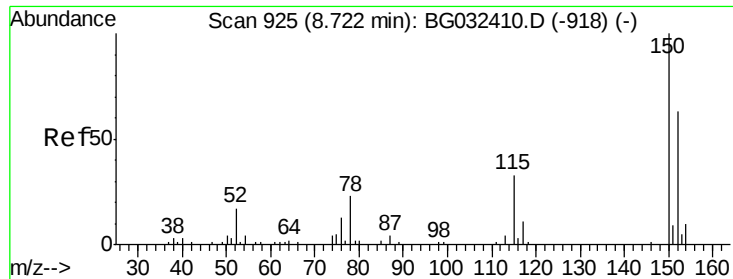
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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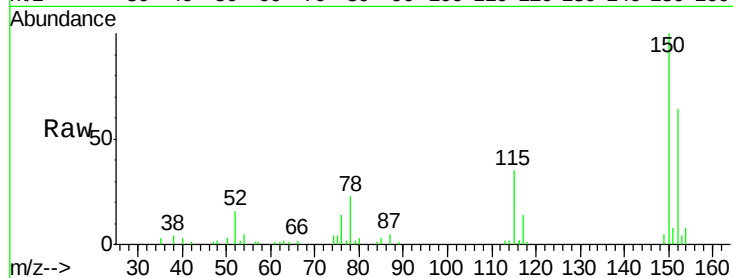




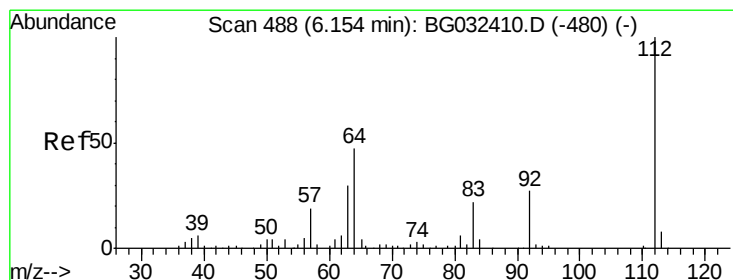
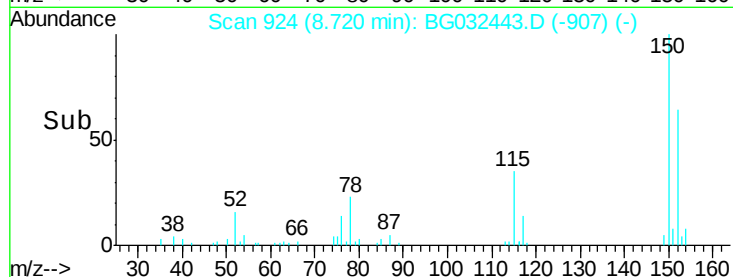
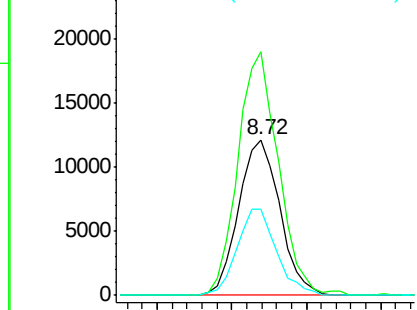
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.72 min Scan# 924
 Delta R.T. -0.00 min
 Lab File: BG032443.D
 Acq: 30 Jan 2018 15:49

Instrument :
 BNA_G
 ClientSampleId :
 PB106192BL

Tgt Ion:152 Resp: 23280
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.6 189.8
 115 55.2 53.0 79.4

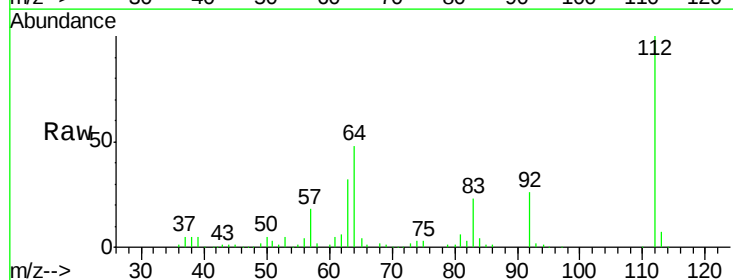


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

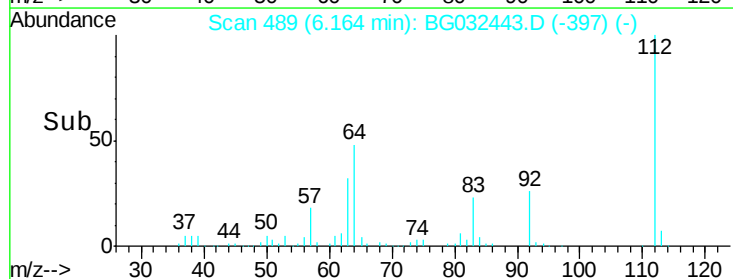
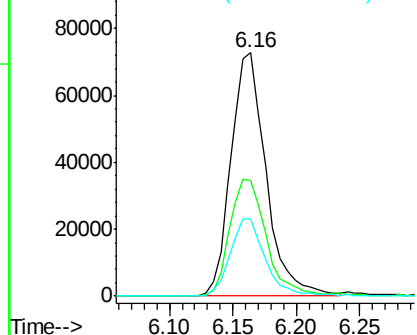


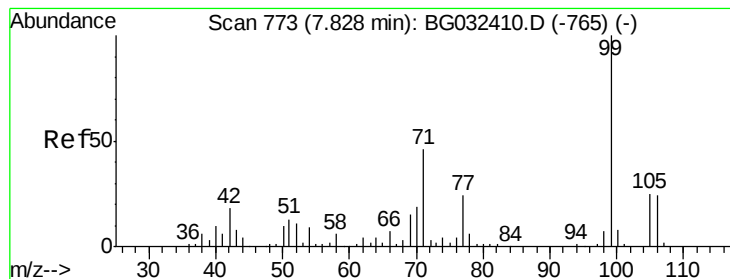
#5
 2-Fluorophenol
 Concen: 120.707 ng
 RT: 6.16 min Scan# 489
 Delta R.T. 0.01 min
 Lab File: BG032443.D
 Acq: 30 Jan 2018 15:49

Tgt Ion:112 Resp: 139904
 Ion Ratio Lower Upper
 112 100
 64 47.7 56.3 84.5#
 63 31.6 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: 108.560 ng

RT: 7.84 min Scan# 775

Delta R.T. 0.02 min

Lab File: BG032443.D

Acq: 30 Jan 2018 15:49

Instrument :

BNA_G

ClientSampleId :

PB106192BL

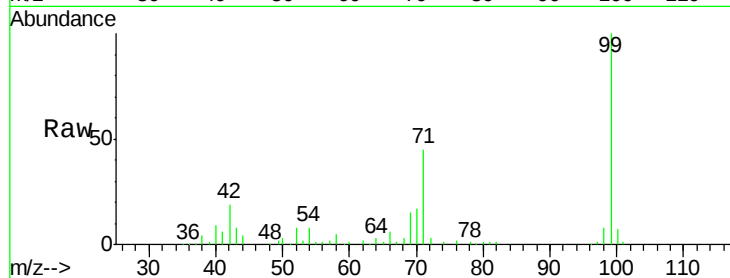
Tgt Ion: 99 Resp: 167904

Ion Ratio Lower Upper

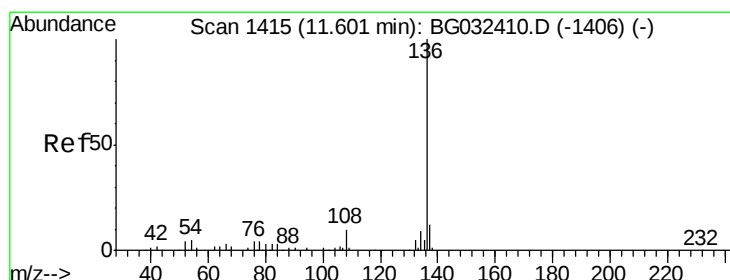
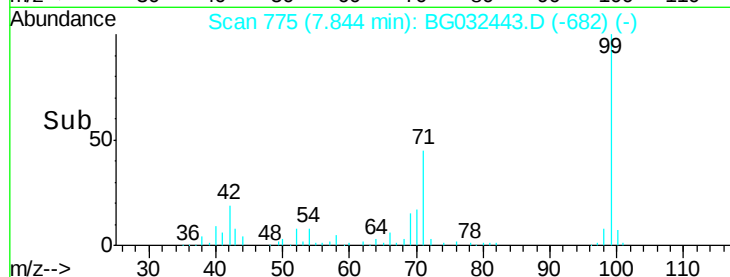
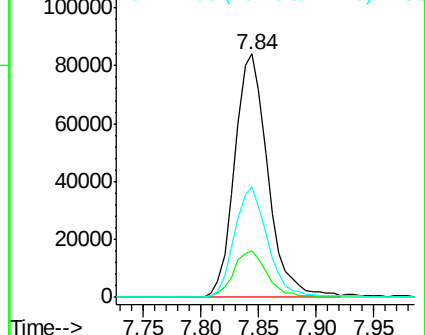
99 100

42 19.3 14.1 21.1

71 45.2 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: 11.60 min Scan# 1414

Delta R.T. -0.00 min

Lab File: BG032443.D

Acq: 30 Jan 2018 15:49

Tgt Ion: 136 Resp: 86549

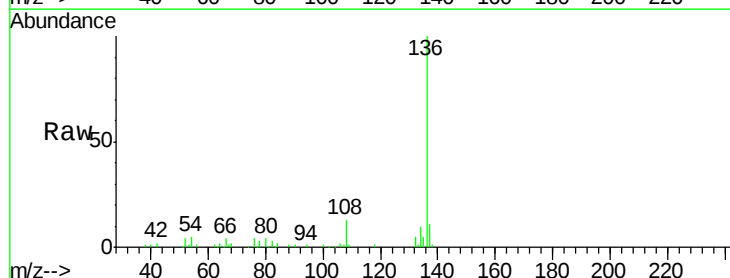
Ion Ratio Lower Upper

136 100

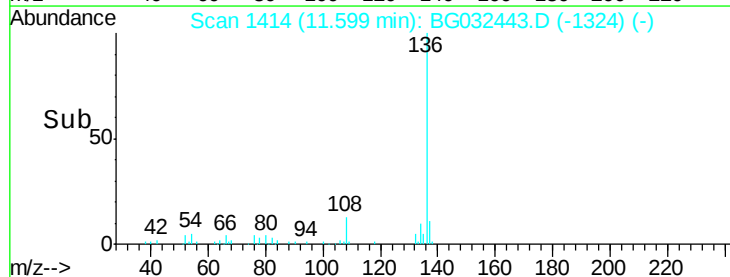
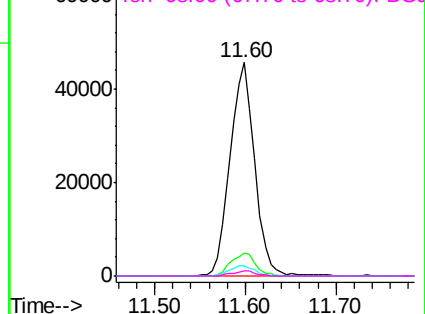
137 10.7 9.2 13.8

54 4.7 10.3 15.5#

68 2.3 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

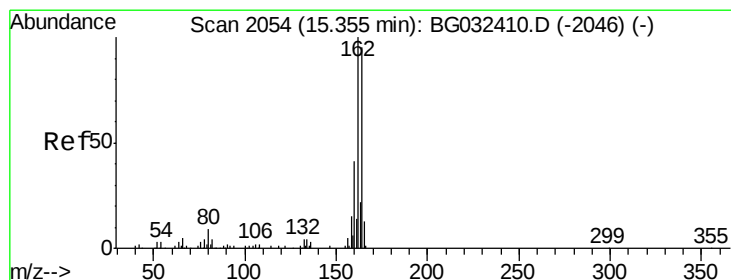
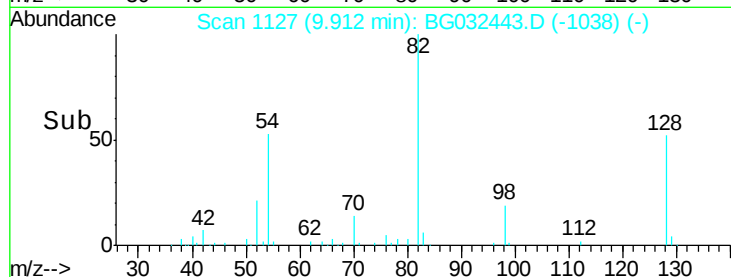
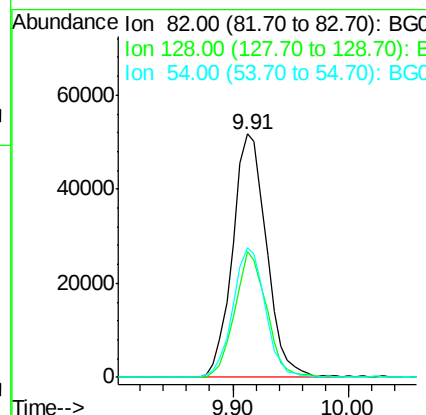
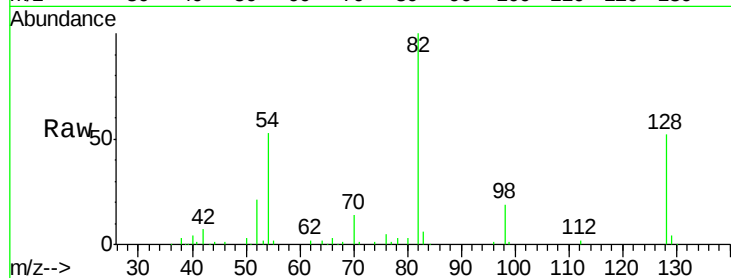




#23
 Nitrobenzene-d5
 Concen: 75.845 ng
 RT: 9.91 min Scan# 1127
 Delta R.T. -0.01 min
 Lab File: BG032443.D
 Acq: 30 Jan 2018 15:49

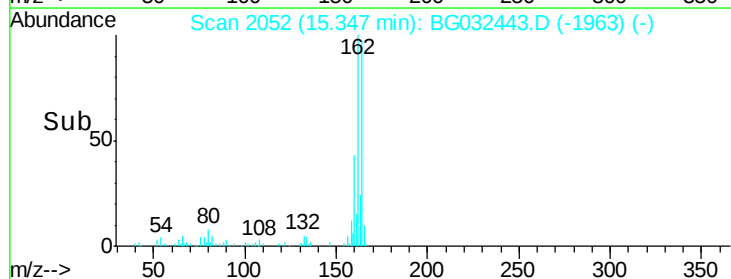
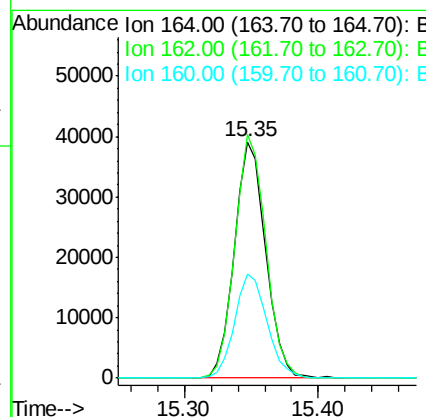
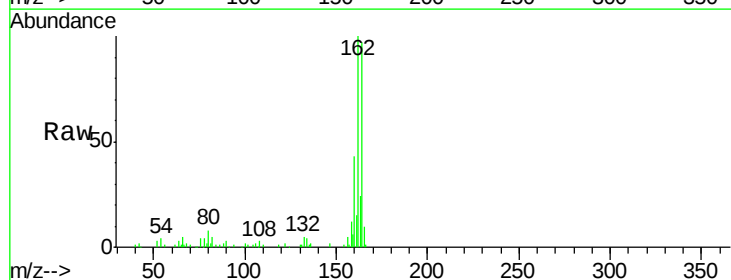
Instrument :
 BNA_G
 ClientSampleId :
 PB106192BL

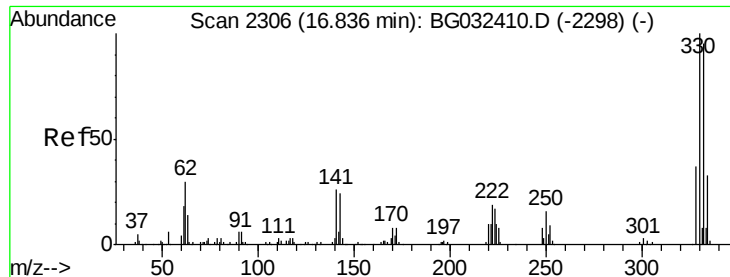
Tgt Ion	Ratio	Lower	Upper
82	100		
128	51.7	29.7	44.5
54	53.1	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.35 min Scan# 2052
 Delta R.T. -0.01 min
 Lab File: BG032443.D
 Acq: 30 Jan 2018 15:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	78.8	118.2
160	44.0	35.4	53.0

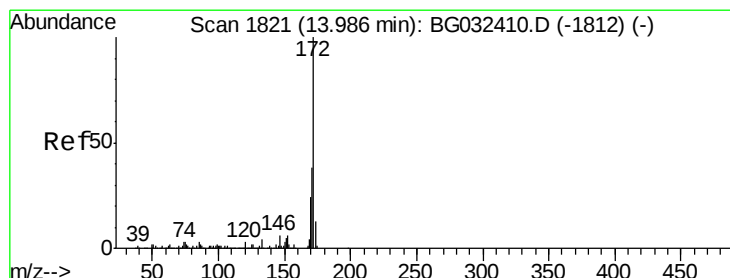
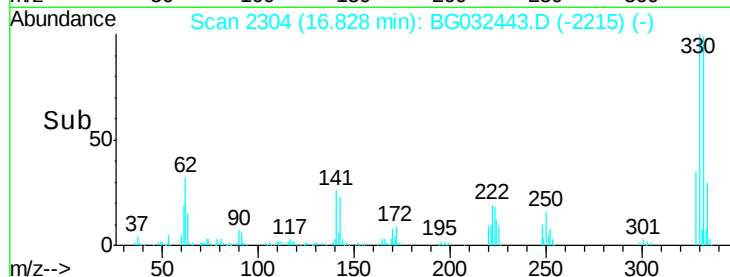
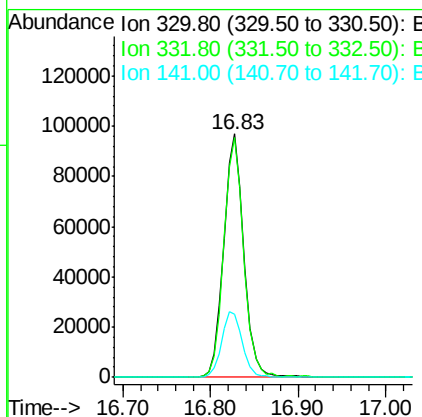
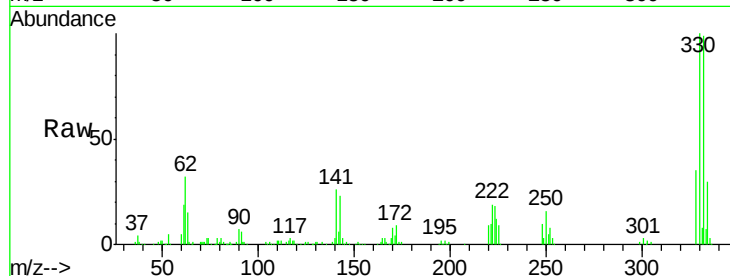




#41
 2,4,6-Tribromophenol
 Concen: 126.492 ng
 RT: 16.83 min Scan# 2304
 Delta R.T. -0.01 min
 Lab File: BG032443.D
 Acq: 30 Jan 2018 15:49

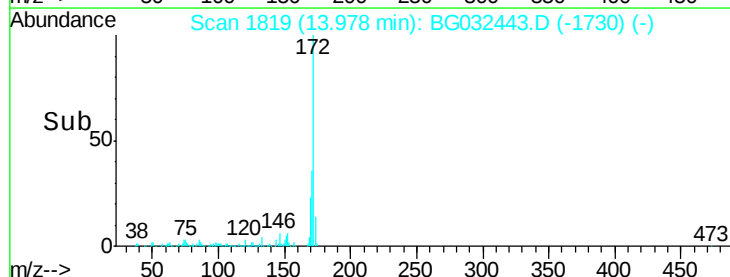
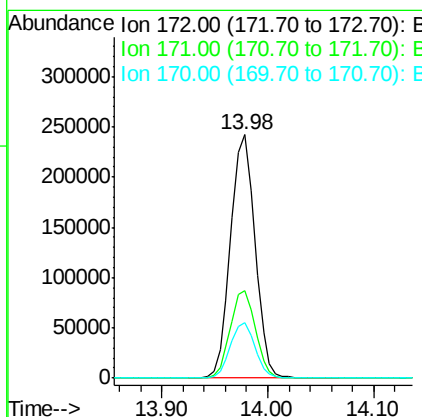
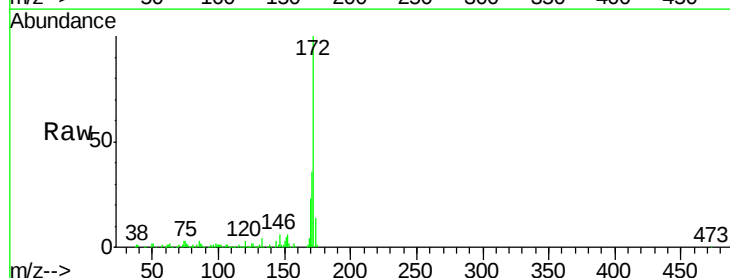
Instrument :
 BNA_G
 ClientSampleId :
 PB106192BL

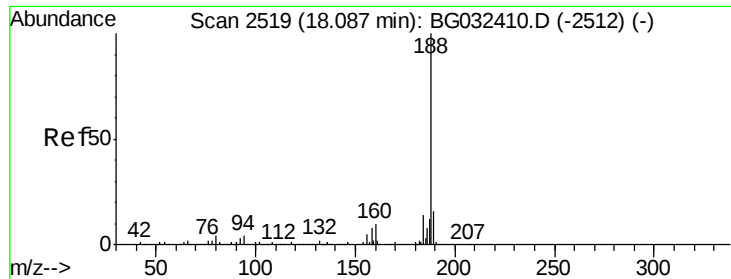
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	27.7	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 72.094 ng
 RT: 13.98 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BG032443.D
 Acq: 30 Jan 2018 15:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	30.0	45.0
170	22.9	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.08 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BG032443.D

Acq: 30 Jan 2018 15:49

Instrument :

BNA_G

ClientSampleId :

PB106192BL

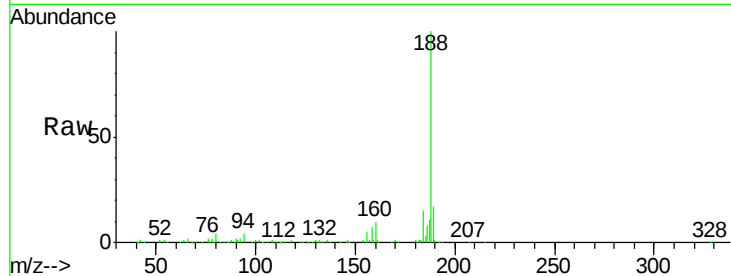
Tgt Ion:188 Resp: 184235

Ion Ratio Lower Upper

188 100

94 3.7 6.9 10.3#

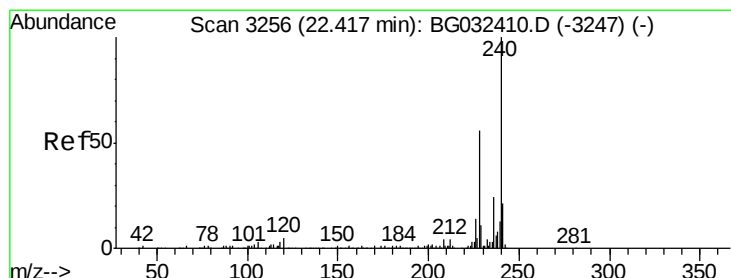
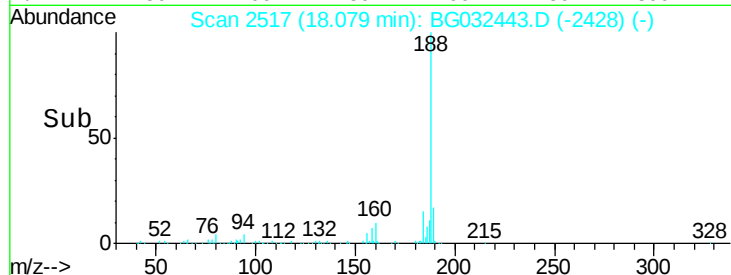
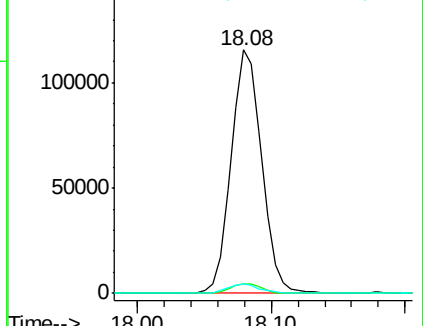
80 4.0 7.7 11.5#



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: BG032443.D

Acq: 30 Jan 2018 15:49

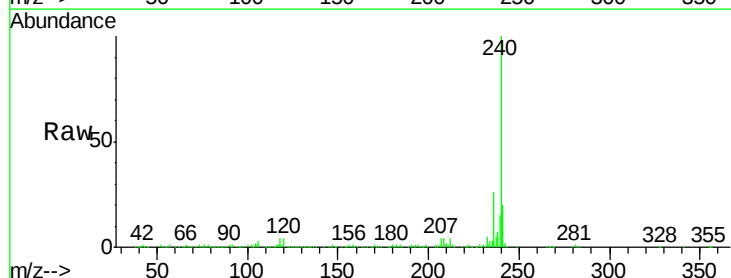
Tgt Ion:240 Resp: 264807

Ion Ratio Lower Upper

240 100

120 3.8 6.8 10.2#

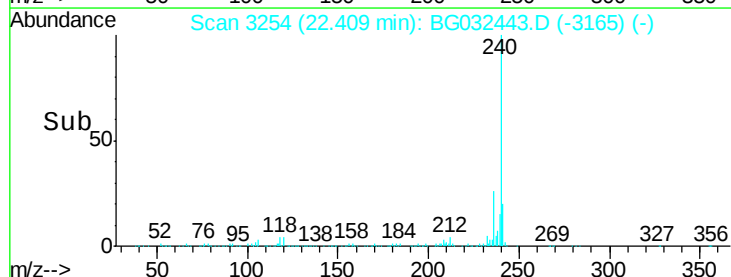
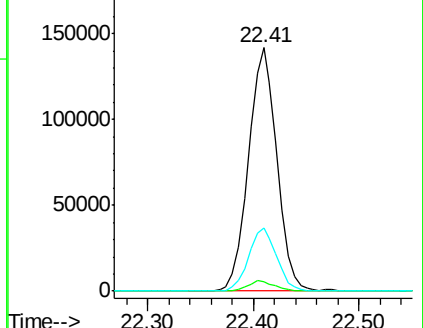
236 25.9 20.9 31.3

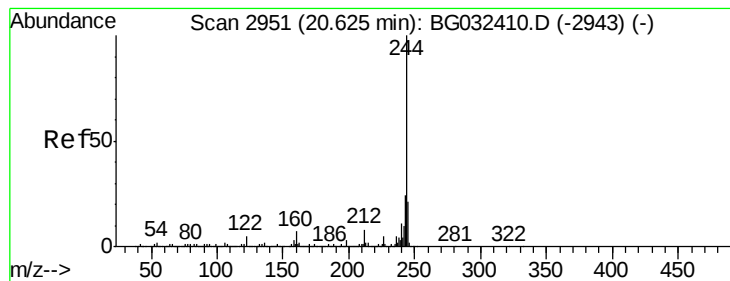


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.301 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032443.D

Acq: 30 Jan 2018 15:49

Instrument :

BNA_G

ClientSampleId :

PB106192BL

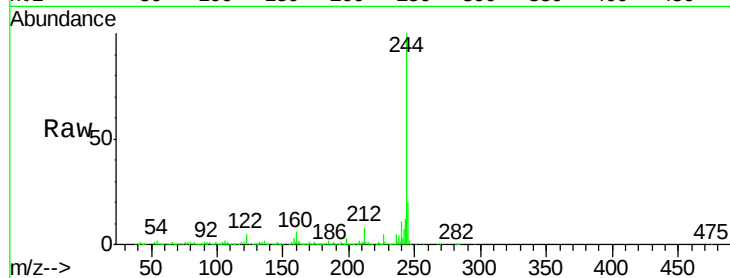
Tgt Ion:244 Resp: 967973

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

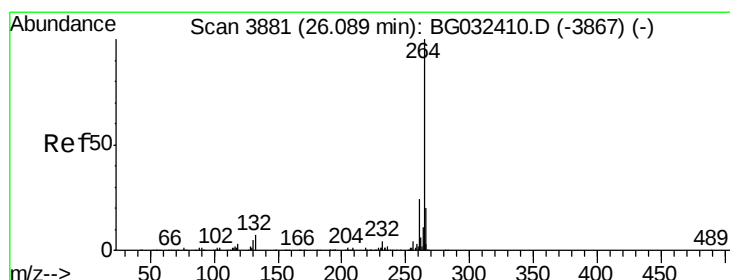
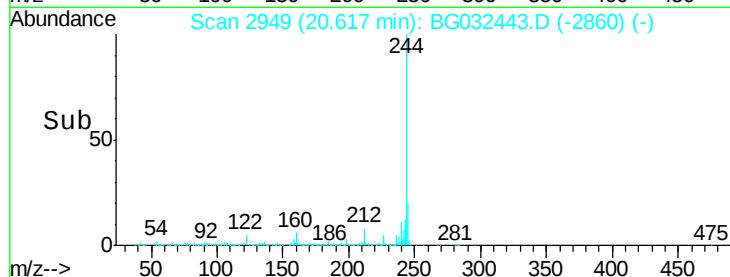
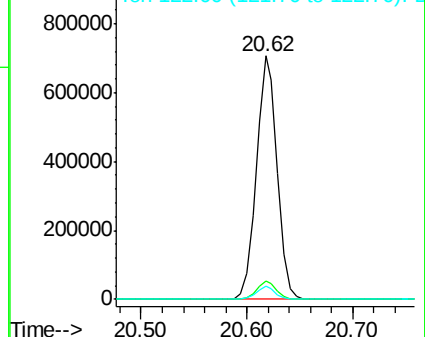
122 5.3 7.0 10.4#



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: 26.09 min Scan# 3880

Delta R.T. -0.00 min

Lab File: BG032443.D

Acq: 30 Jan 2018 15:49

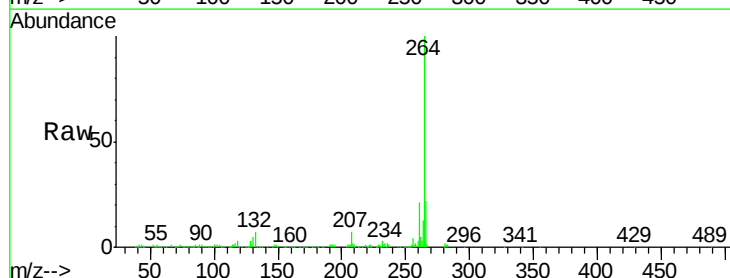
Tgt Ion:264 Resp: 278603

Ion Ratio Lower Upper

264 100

260 21.0 17.4 26.0

265 21.9 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

