

Data Path : Z:\HPCHEM1\BNA G\DATA\BG022718\
 Data File : BG032867.D
 Acq On : 27 Feb 2018 22:57
 Operator : SJ/JU
 Sample : PB106879BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106879BL

Quant Time: Feb 28 03:29:58 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 26 17:50:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.92	152	78375	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	334165	20.00	ng	0.00
38) Acenaphthene-d10	15.54	164	188451	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	429654	20.00	ng	0.00
75) Chrysene-d12	22.62	240	396343	20.00	ng	-0.02
86) Perylene-d12	26.42	264	409055	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	561184	114.55	ng	0.00
7) Phenol-d6	8.02	99	725157	106.20	ng	0.00
23) Nitrobenzene-d5	10.12	82	407744	84.71	ng	0.00
41) 2,4,6-Tribromophenol	17.01	330	211022	106.50	ng	0.00
44) 2-Fluorobiphenyl	14.17	172	929195	71.11	ng	0.00
78) Terphenyl-d14	20.78	244	1326176	75.18	ng	0.00

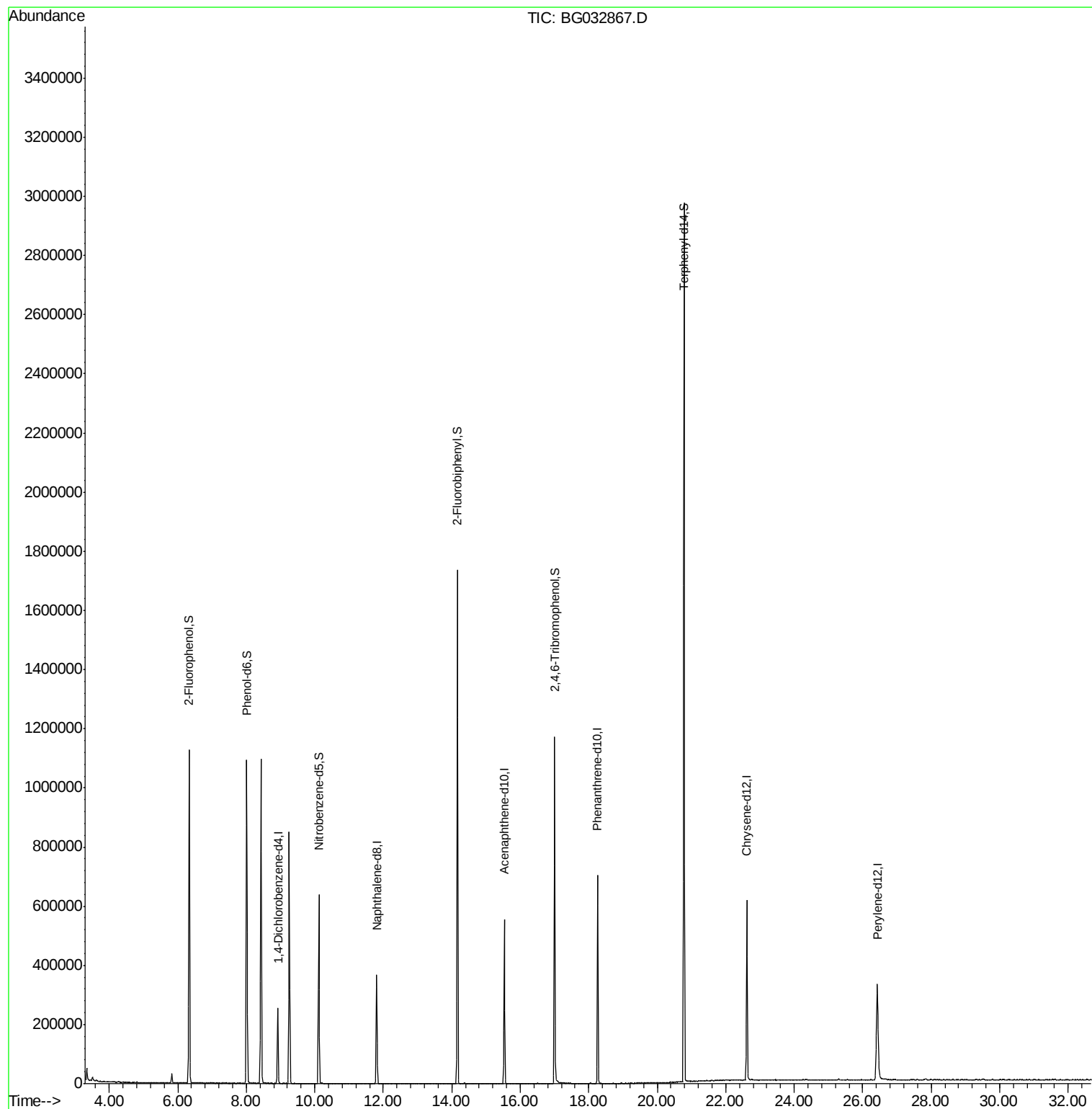
Target Compounds Qvalue

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

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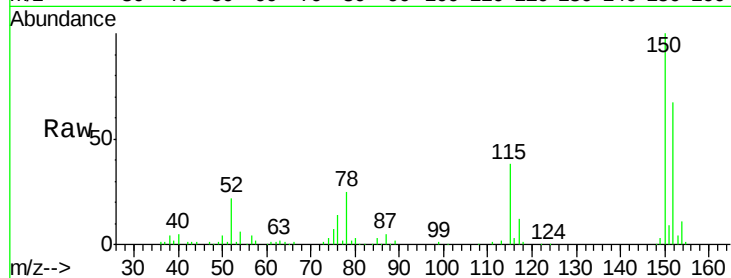


#1

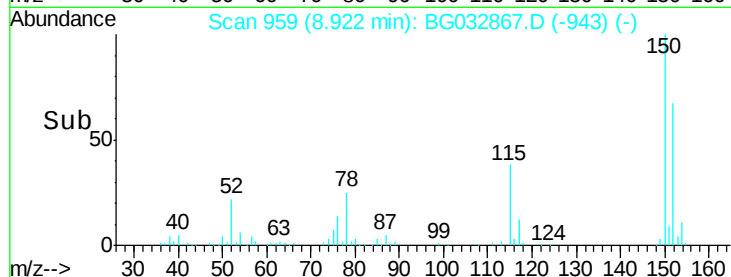
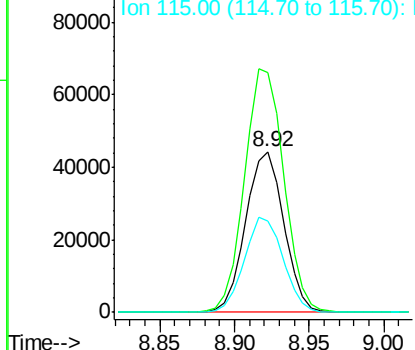
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.92 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG032867.D
Acq: 27 Feb 2018 22:57

Instrument :
BNA_G
ClientSampleId :
PB106879BL

Tot Ion:152 Resp: 78375
Ion Ratio Lower Upper
152 100
150 149.4 126.6 189.8
115 56.8 53.0 79.4



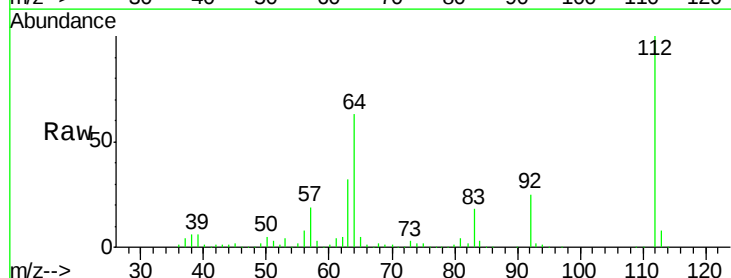
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



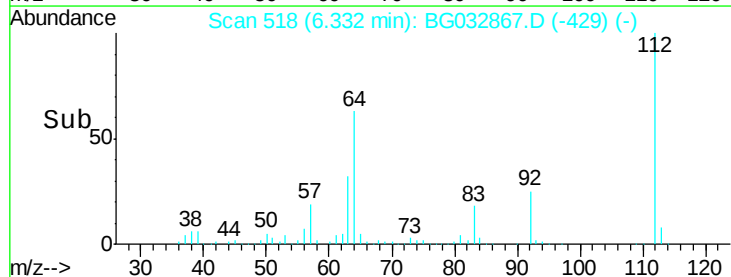
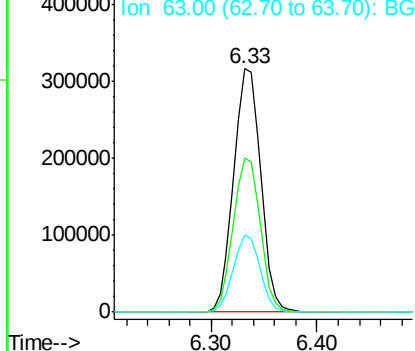
#5

2-Fluorophenol
Concen: 114.553 ng
RT: 6.33 min Scan# 518
Delta R.T. -0.00 min
Lab File: BG032867.D
Acq: 27 Feb 2018 22:57

Tgt Ion:112 Resp: 561184
Ion Ratio Lower Upper
112 100
64 63.3 56.3 84.5
63 31.7 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: 106.198 ng

RT: 8.02 min Scan# 805

Delta R.T. 0.00 min

Lab File: BG032867.D

Acq: 27 Feb 2018 22:57

Instrument :

BNA_G

ClientSampleId :

PB106879BL

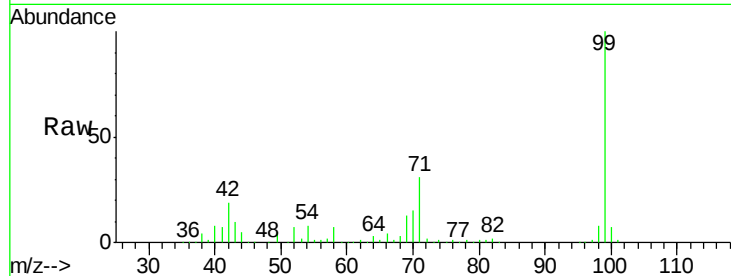
Tot Ion: 99 Resp: 725157

Ion Ratio Lower Upper

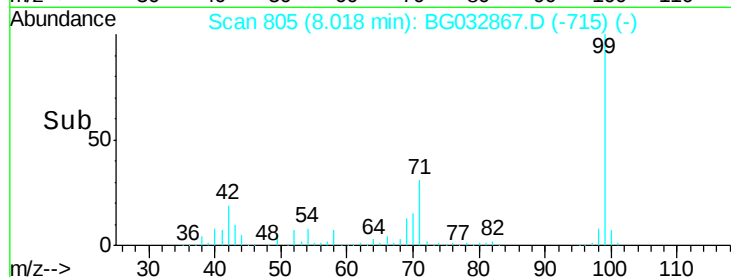
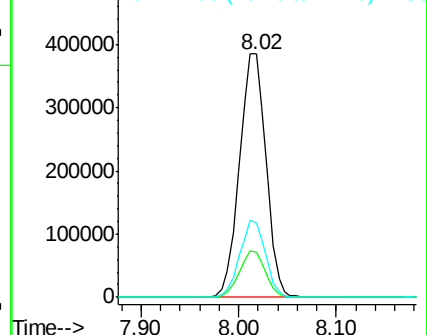
99 100

42 18.7 14.1 21.1

71 30.8 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: 11.81 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BG032867.D

Acq: 27 Feb 2018 22:57

Tgt Ion: 136 Resp: 334165

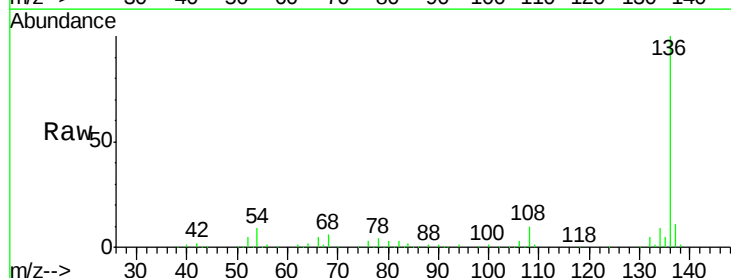
Ion Ratio Lower Upper

136 100

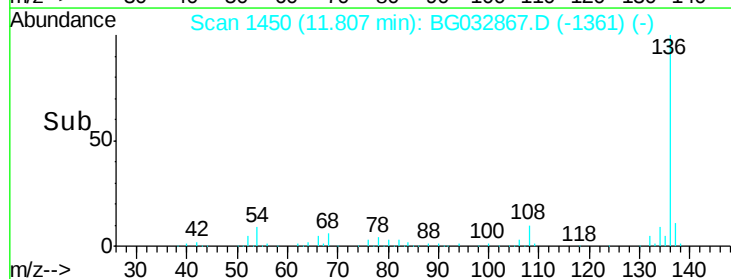
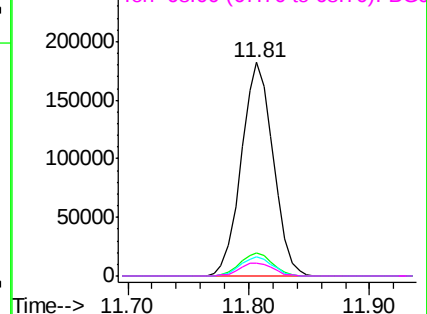
137 10.9 9.2 13.8

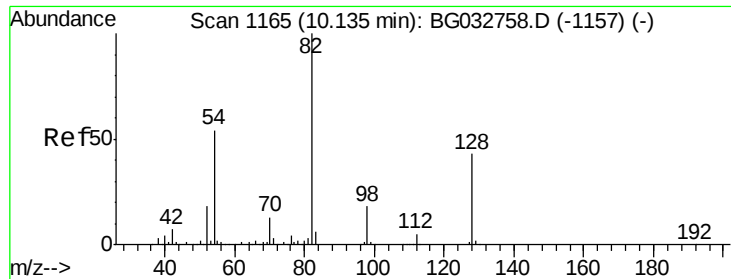
54 8.7 10.3 15.5#

68 6.2 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

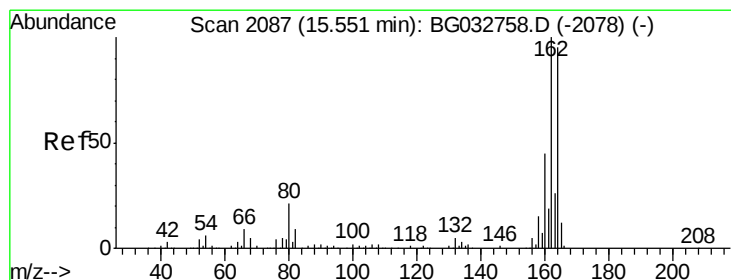
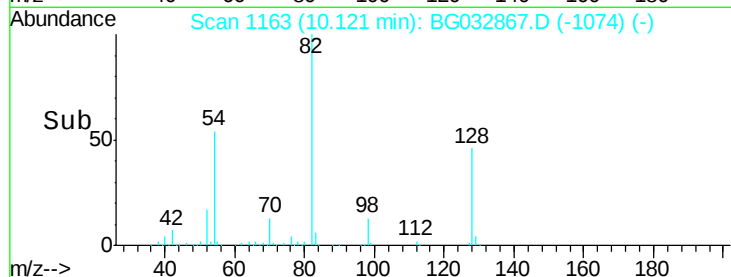
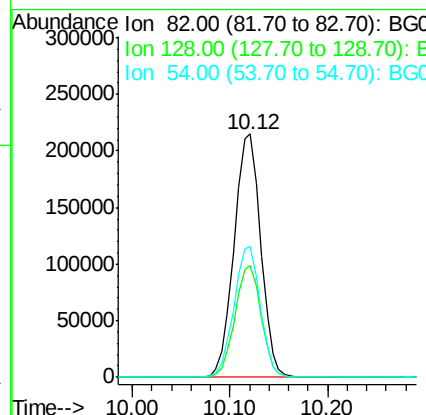
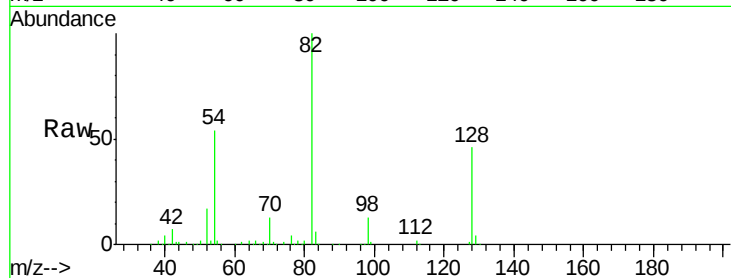




#23
 Nitrobenzene-d5
 Concen: 84.713 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BG032867.D
 Acq: 27 Feb 2018 22:57

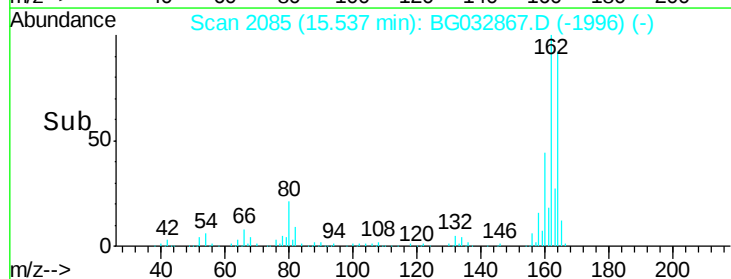
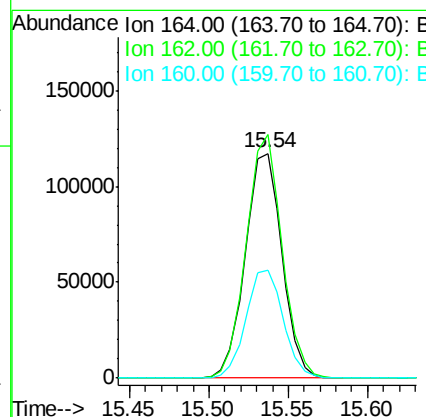
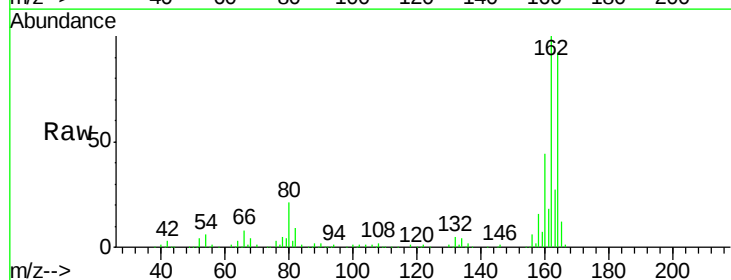
Instrument :
 BNA_G
 ClientSampleId :
 PB106879BL

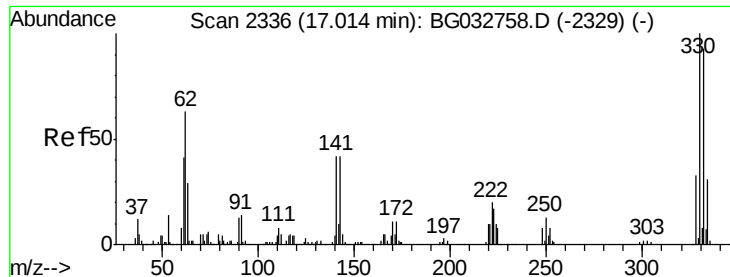
Tot Ion	82	Resp	407744
Ion Ratio	100	Lower	Upper
128	45.9	29.7	44.5#
54	53.5	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.54 min Scan# 2085
 Delta R.T. -0.00 min
 Lab File: BG032867.D
 Acq: 27 Feb 2018 22:57

Tgt Ion	164	Resp	188451
Ion Ratio	100	Lower	Upper
162	108.3	78.8	118.2
160	47.9	35.4	53.0

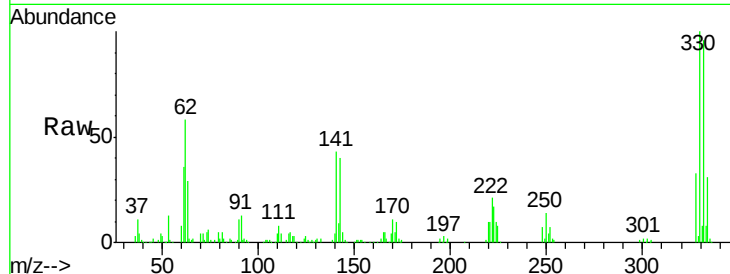




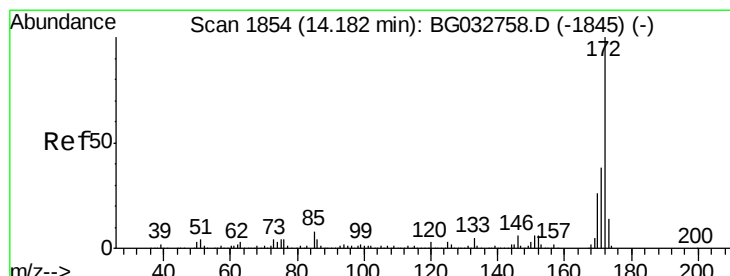
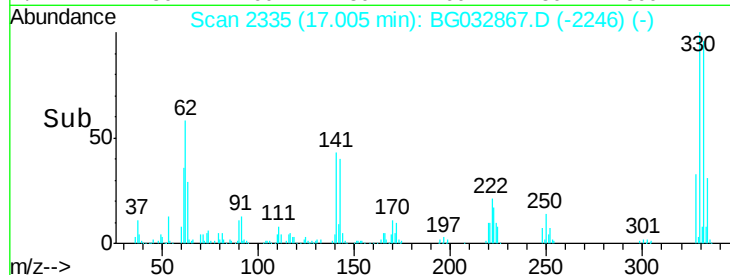
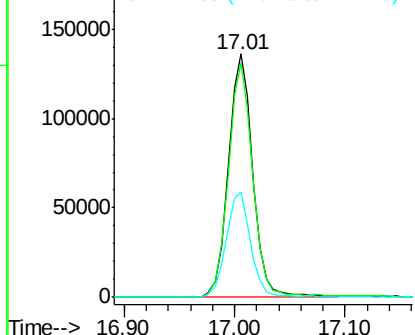
#41
 2,4,6-Tribromophenol
 Concen: 106.496 ng
 RT: 17.01 min Scan# 2335
 Delta R.T. -0.00 min
 Lab File: BG032867.D
 Acq: 27 Feb 2018 22:57

Instrument :
 BNA_G
 ClientSampleId :
 PB106879BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.0	115.6
141	43.2	25.2	37.8#

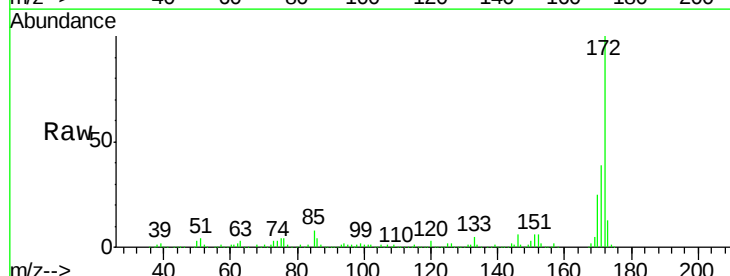


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

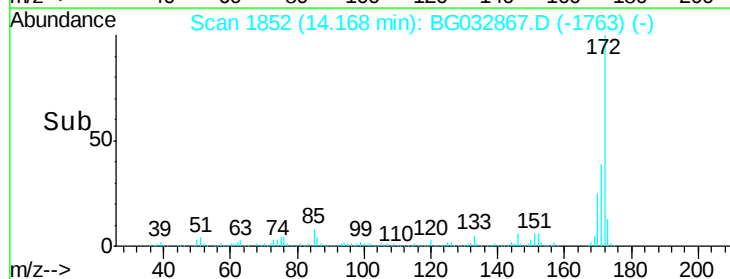
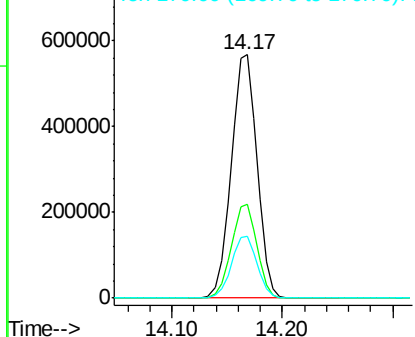


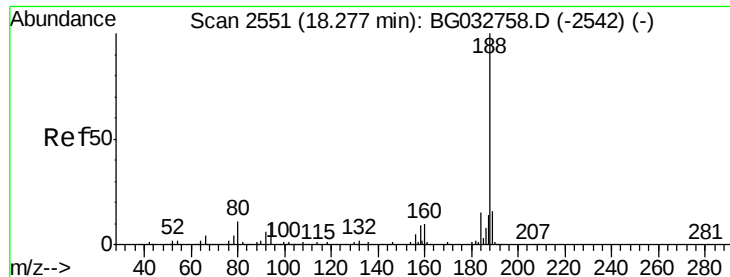
#44
 2-Fluorobiphenyl
 Concen: 71.113 ng
 RT: 14.17 min Scan# 1852
 Delta R.T. -0.00 min
 Lab File: BG032867.D
 Acq: 27 Feb 2018 22:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.6	30.0	45.0
170	25.3	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

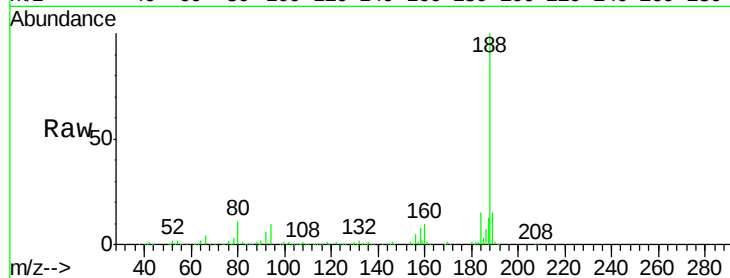




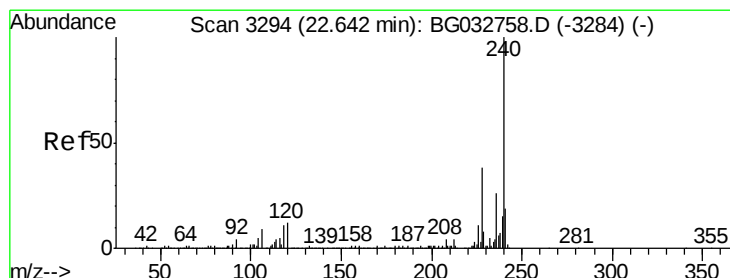
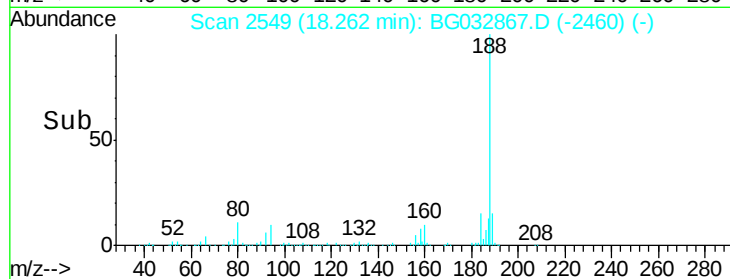
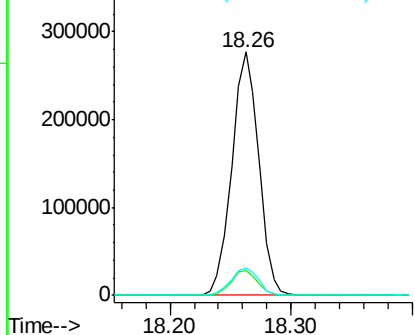
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.26 min Scan# 2549
Delta R.T. -0.00 min
Lab File: BG032867.D
Acq: 27 Feb 2018 22:57

Instrument :
BNA_G
ClientSampleId :
PB106879BL

Tot Ion:188 Resp: 429654
Ion Ratio Lower Upper
188 100
94 10.1 6.9 10.3
80 11.3 7.7 11.5

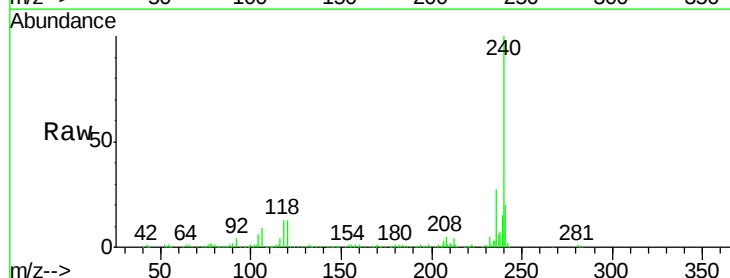


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

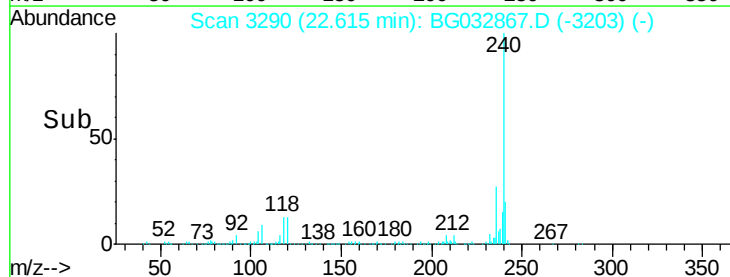
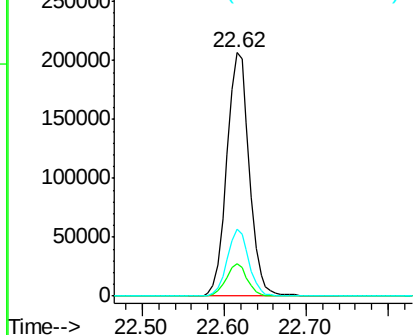


#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.62 min Scan# 3290
Delta R.T. -0.02 min
Lab File: BG032867.D
Acq: 27 Feb 2018 22:57

Tgt Ion:240 Resp: 396343
Ion Ratio Lower Upper
240 100
120 13.4 6.8 10.2#
236 27.4 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: 75.176 ng

RT: 20.78 min Scan# 2978

Delta R.T. -0.00 min

Lab File: BG032867.D

Acq: 27 Feb 2018 22:57

Instrument :

BNA_G

ClientSampleId :

PB106879BL

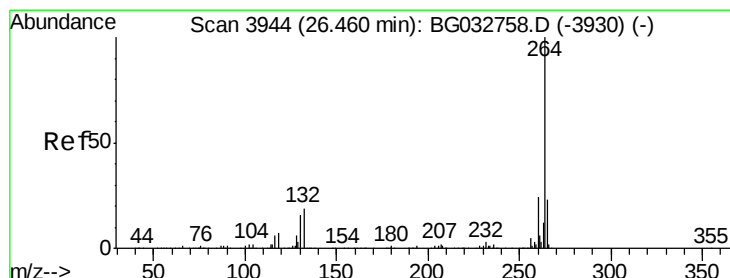
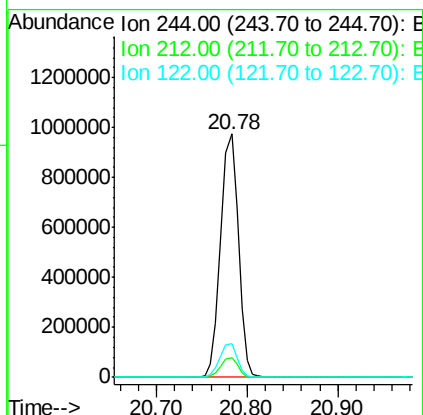
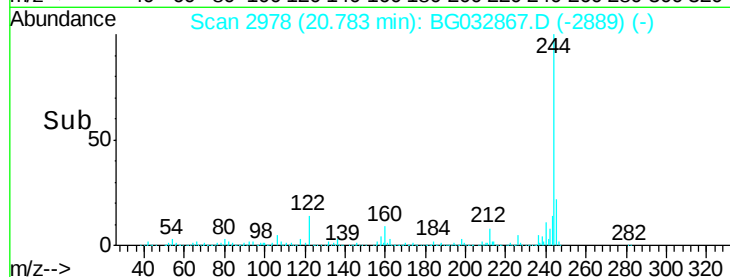
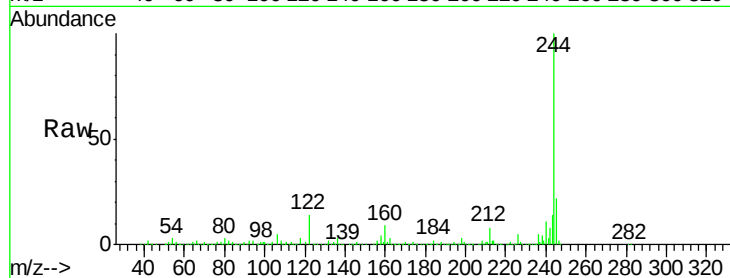
Tot Ion:244 Resp: 1326176

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

122 13.7 7.0 10.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 26.42 min Scan# 3938

Delta R.T. -0.02 min

Lab File: BG032867.D

Acq: 27 Feb 2018 22:57

Tgt Ion:264 Resp: 409055

Ion Ratio Lower Upper

264 100

260 23.7 17.4 26.0

265 21.5 17.7 26.5

