

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021318\
 Data File : BG032657.D
 Acq On : 13 Feb 2018 12:56
 Operator : SJ/JU
 Sample : J1516-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WAVE-1

Quant Time: Feb 13 15:59:43 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.67	152	32466	20.00	ng	0.00
21) Naphthalene-d8	11.55	136	131454	20.00	ng	0.00
38) Acenaphthene-d10	15.30	164	94552	20.00	ng	0.00
63) Phenanthrene-d10	18.05	188	253247	20.00	ng	0.00
75) Chrysene-d12	22.37	240	335882	20.00	ng	0.00
86) Perylene-d12	26.01	264	347350	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.11	112	248429	153.53	ng	0.00
7) Phenol-d6	7.79	99	267195	120.76	ng	0.00
23) Nitrobenzene-d5	9.87	82	210659	101.85	ng	0.00
41) 2,4,6-Tribromophenol	16.79	330	214775	147.52	ng	0.00
44) 2-Fluorobiphenyl	13.93	172	695901	92.04	ng	0.00
78) Terphenyl-d14	20.58	244	1453483	98.63	ng	0.00

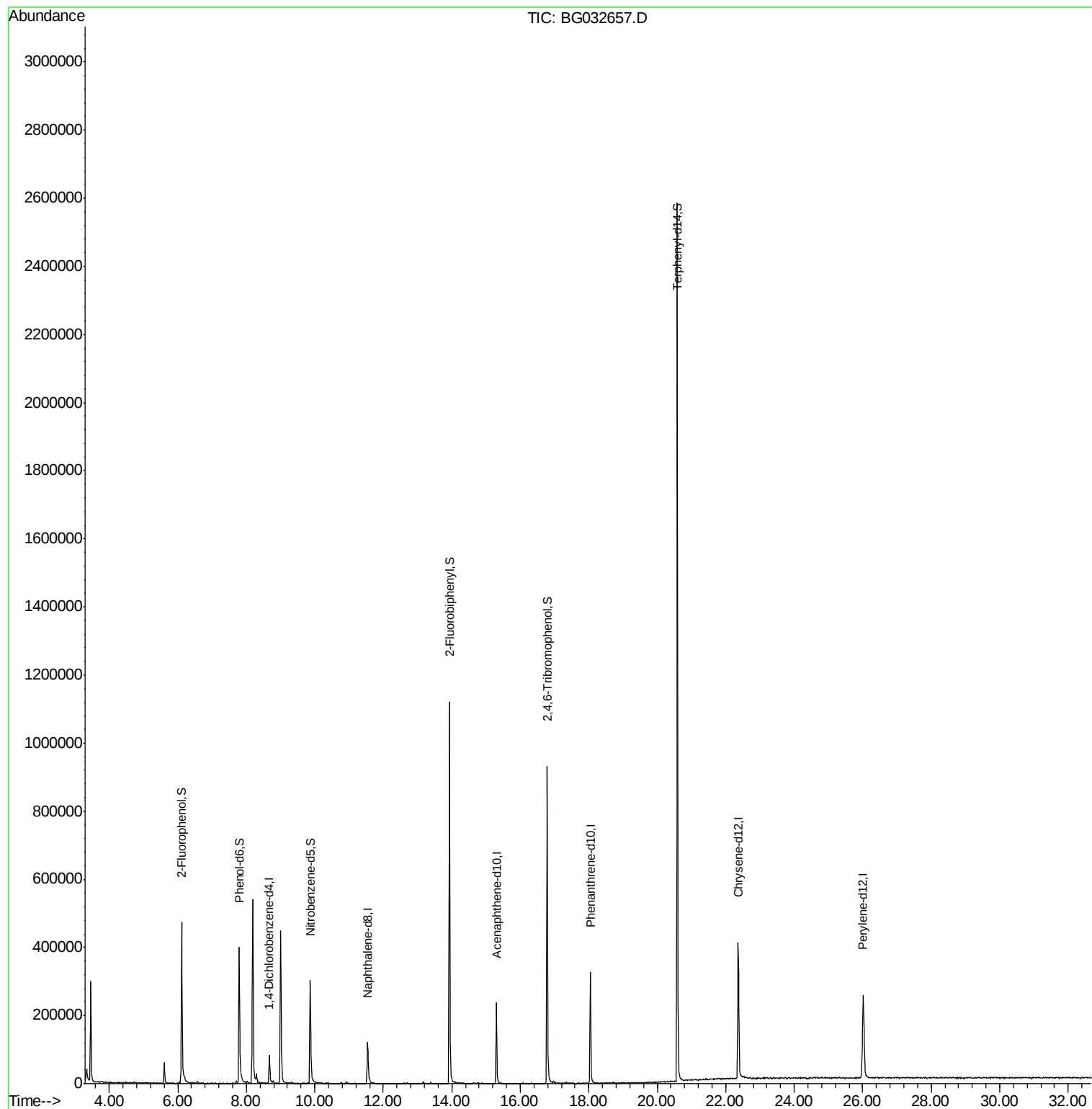
Target Compounds Qvalue

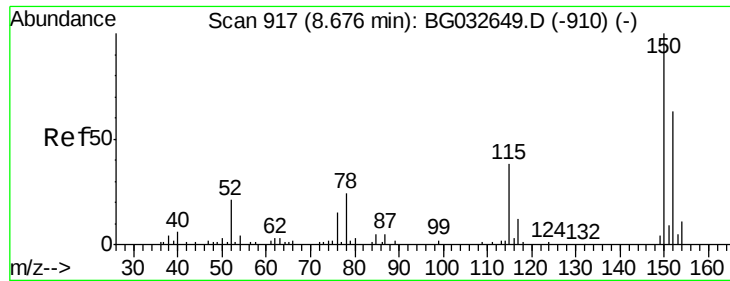
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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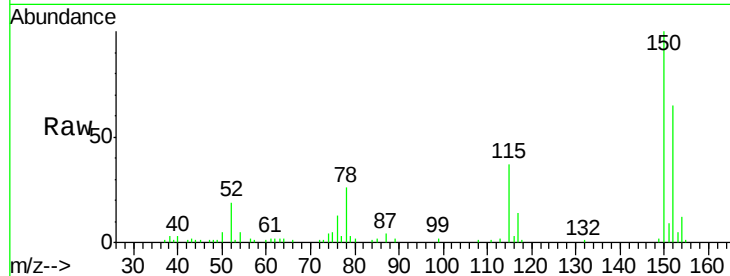


#1

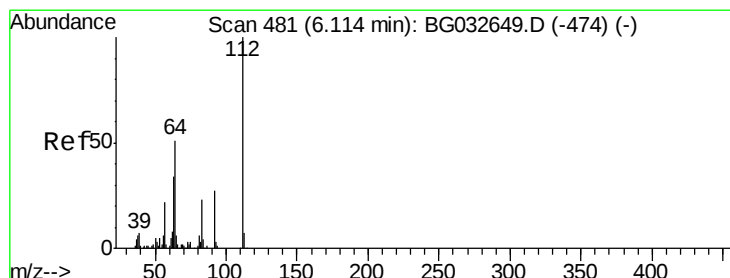
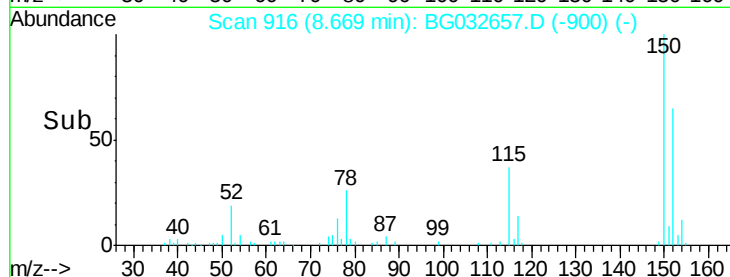
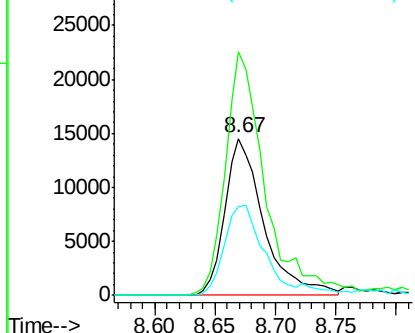
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.67 min Scan# 916
Delta R.T. -0.01 min
Lab File: BG032657.D
Acq: 13 Feb 2018 12:56

Instrument :
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ClientSampleId :
WAVE-1

Tot Ion:152 Resp: 32466
Ion Ratio Lower Upper
152 100
150 154.9 126.6 189.8
115 56.6 53.0 79.4



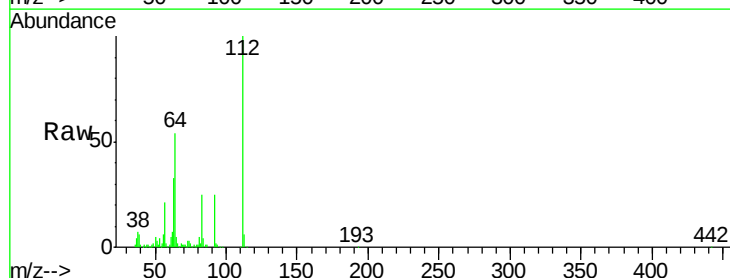
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



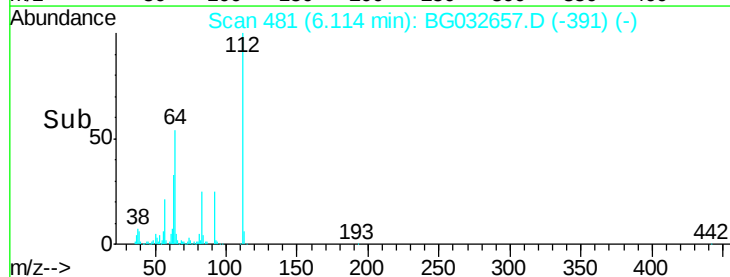
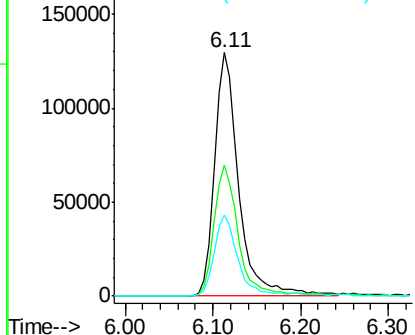
#5

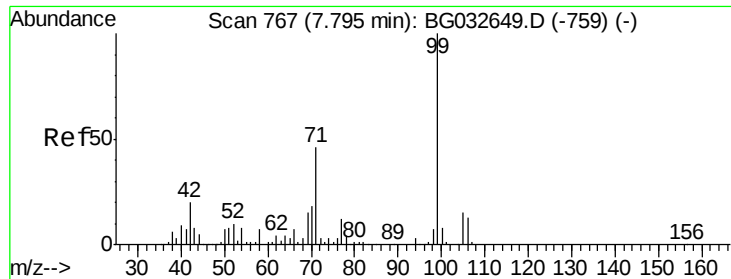
2-Fluorophenol
Concen: 153.525 ng
RT: 6.11 min Scan# 481
Delta R.T. -0.00 min
Lab File: BG032657.D
Acq: 13 Feb 2018 12:56

Tgt Ion:112 Resp: 248429
Ion Ratio Lower Upper
112 100
64 53.8 56.3 84.5#
63 33.1 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: 120.757 ng

RT: 7.79 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG032657.D

Acq: 13 Feb 2018 12:56

Instrument :

BNA_G

ClientSampleId :

WAVE-1

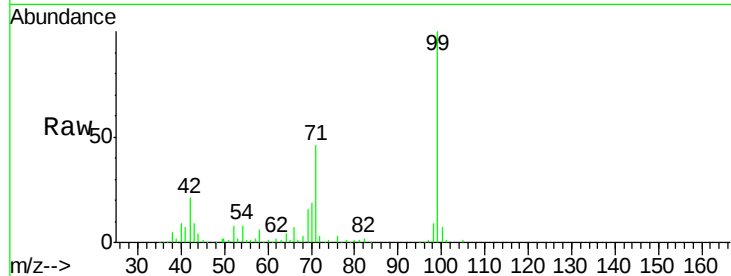
Tot Ion: 99 Resp: 267195

Ion Ratio Lower Upper

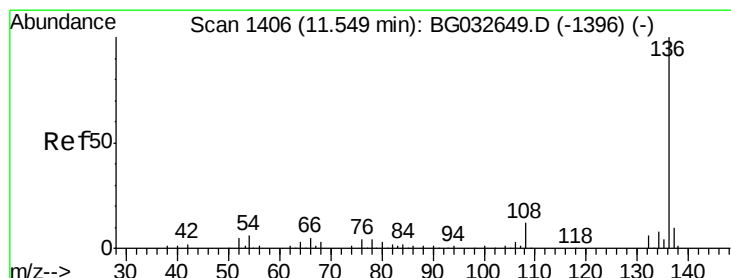
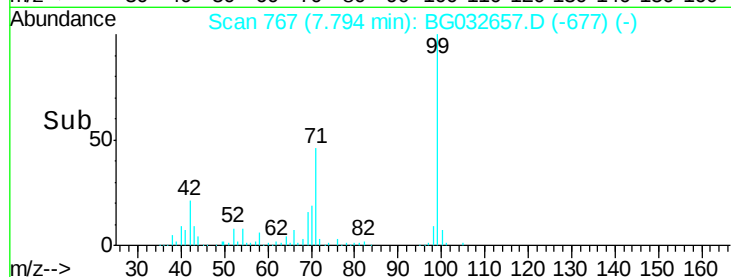
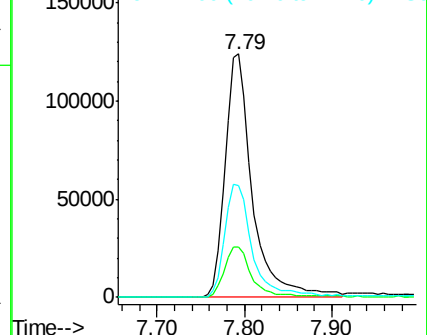
99 100

42 20.7 14.1 21.1

71 45.7 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: 11.55 min Scan# 1406

Delta R.T. -0.00 min

Lab File: BG032657.D

Acq: 13 Feb 2018 12:56

Tgt Ion: 136 Resp: 131454

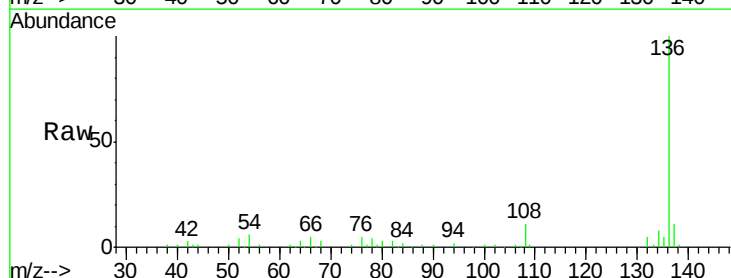
Ion Ratio Lower Upper

136 100

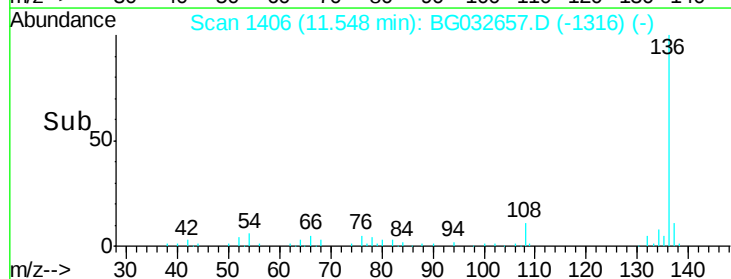
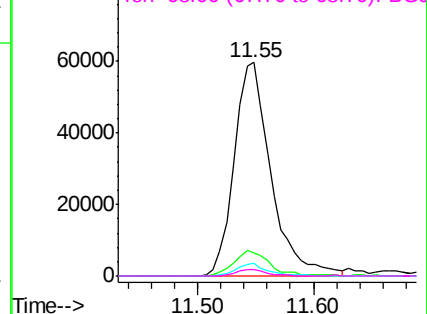
137 10.9 9.2 13.8

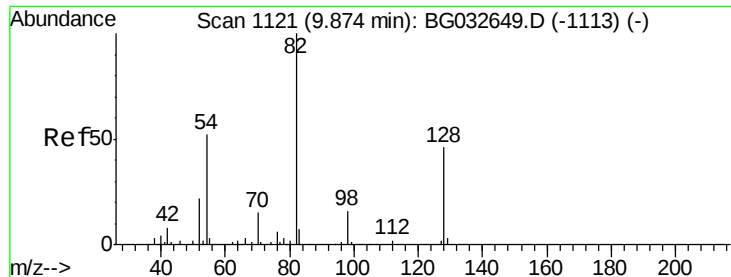
54 5.8 10.3 15.5#

68 3.0 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

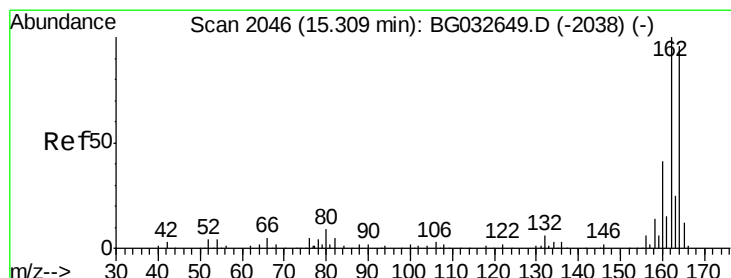
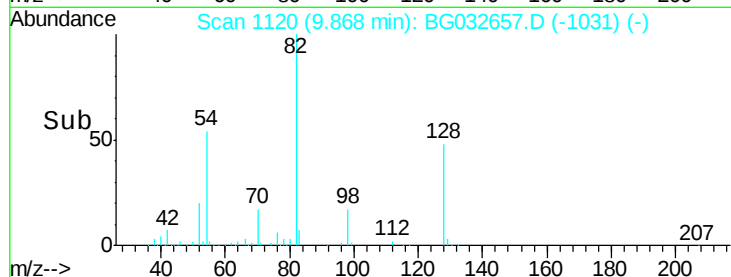
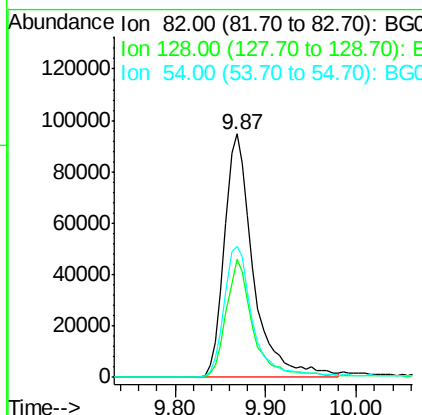
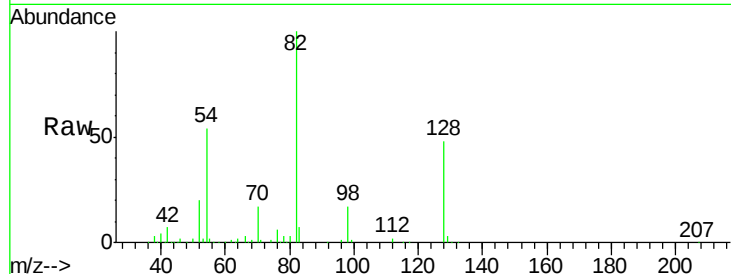




#23
 Nitrobenzene-d5
 Concen: 101.849 ng
 RT: 9.87 min Scan# 1120
 Delta R.T. -0.01 min
 Lab File: BG032657.D
 Acq: 13 Feb 2018 12:56

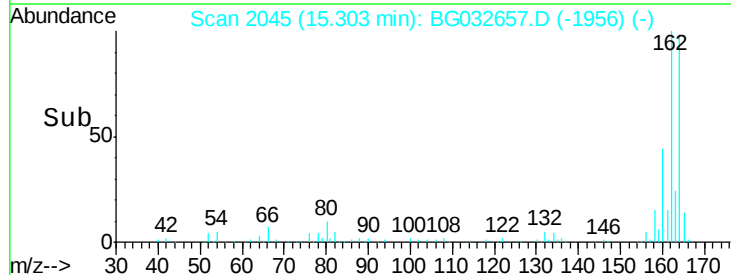
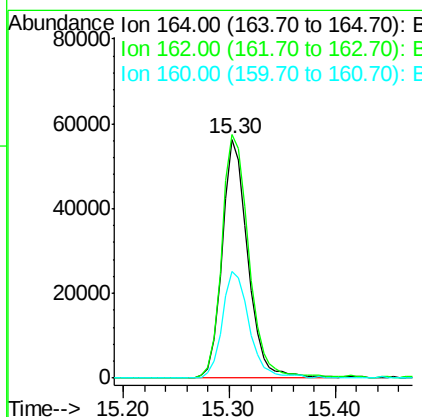
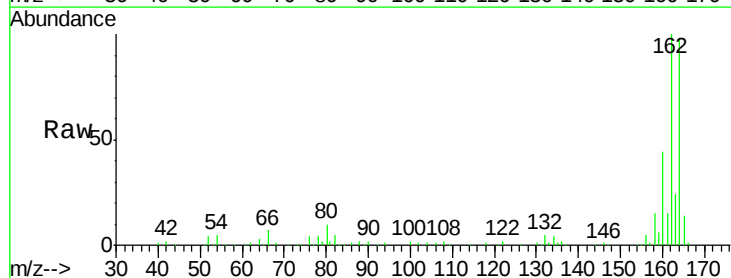
Instrument :
 BNA_G
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 WAVE-1

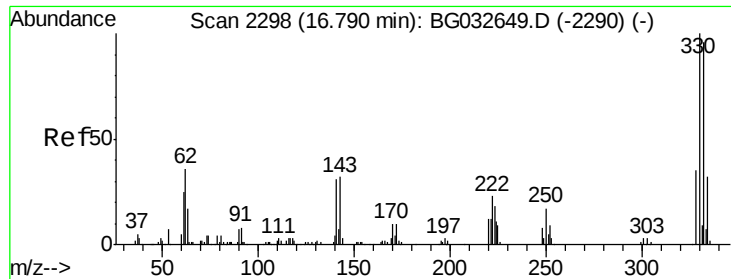
Tot Ion	82	Resp	210659
Ion Ratio	Lower	Upper	
82	100		
128	48.3	29.7	44.5#
54	53.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2045
 Delta R.T. -0.01 min
 Lab File: BG032657.D
 Acq: 13 Feb 2018 12:56

Tgt Ion	164	Resp	94552
Ion Ratio	Lower	Upper	
164	100		
162	102.1	78.8	118.2
160	44.8	35.4	53.0

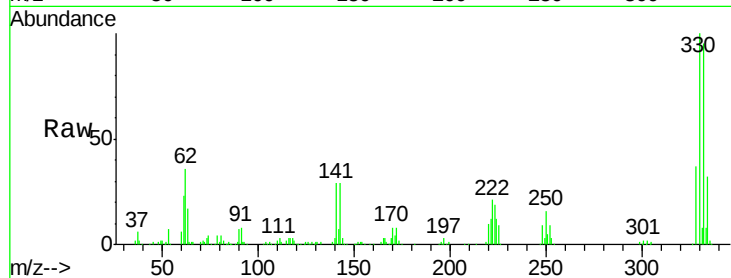




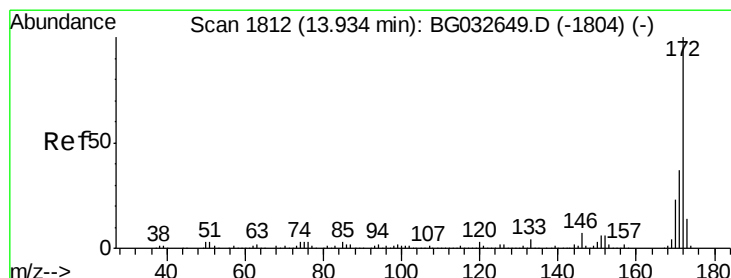
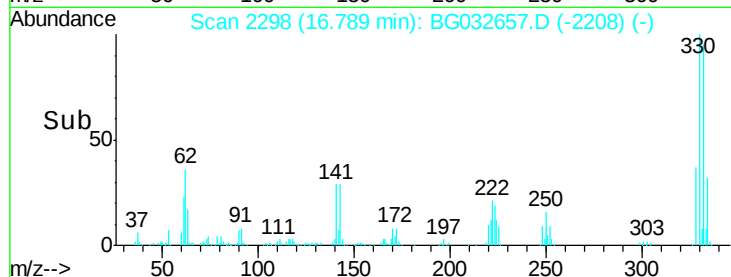
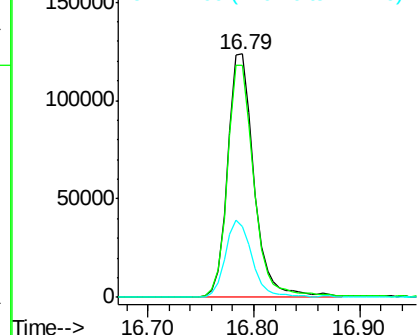
#41
 2,4,6-Tribromophenol
 Concen: 147.520 ng
 RT: 16.79 min Scan# 2298
 Delta R.T. -0.00 min
 Lab File: BG032657.D
 Acq: 13 Feb 2018 12:56

Instrument :
 BNA_G
 ClientSampleId :
 WAVE-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	31.9	25.2	37.8

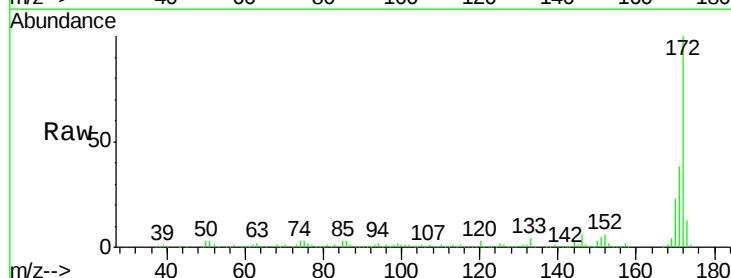


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

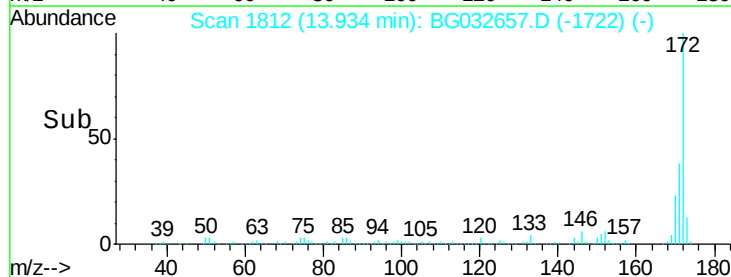
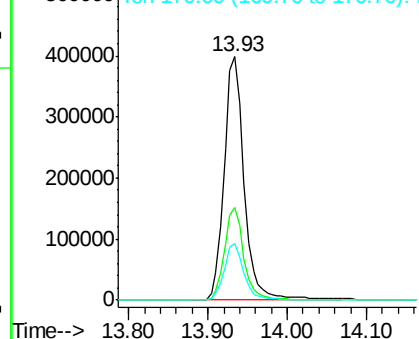


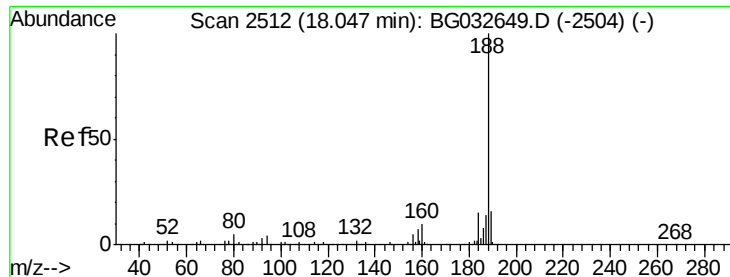
#44
 2-Fluorobiphenyl
 Concen: 92.039 ng
 RT: 13.93 min Scan# 1812
 Delta R.T. -0.00 min
 Lab File: BG032657.D
 Acq: 13 Feb 2018 12:56

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	23.5	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

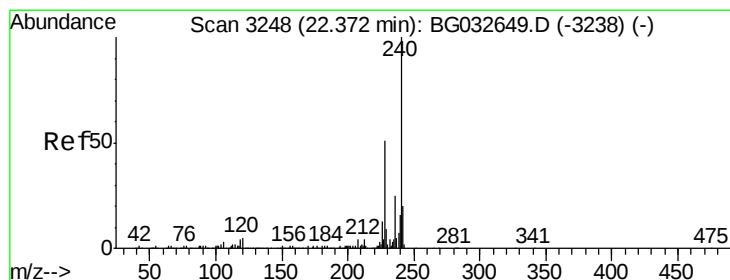
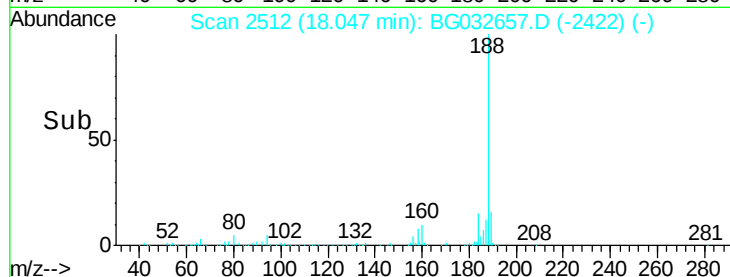
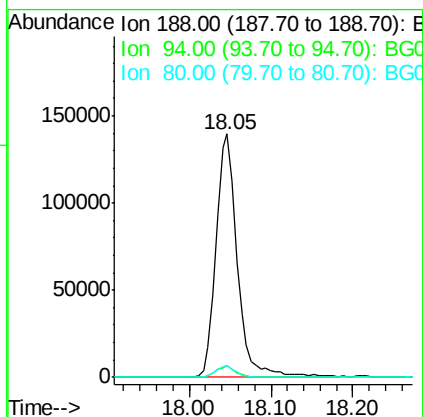
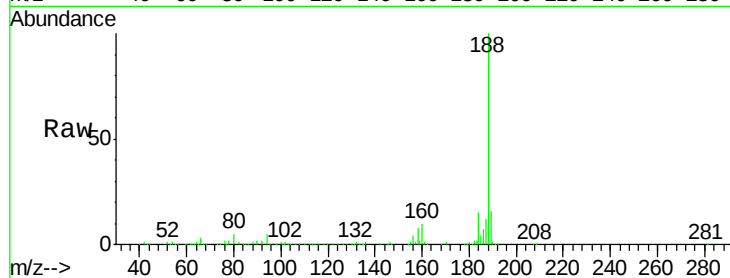




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.05 min Scan# 2512
Delta R.T. -0.00 min
Lab File: BG032657.D
Acq: 13 Feb 2018 12:56

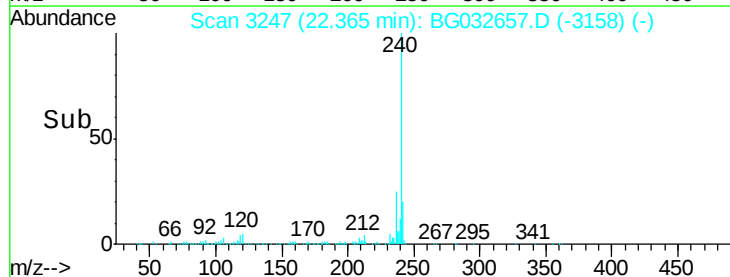
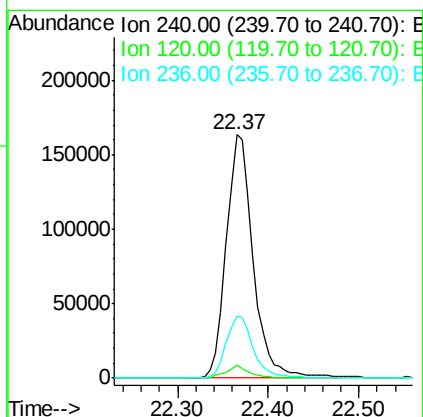
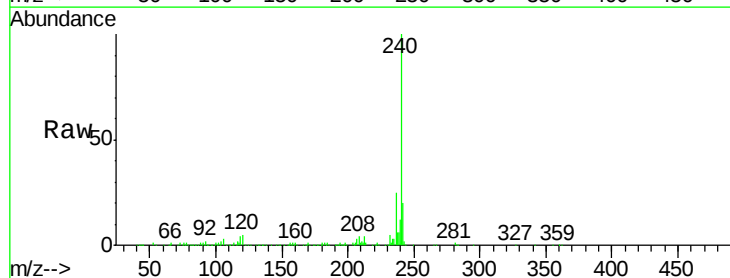
Instrument :
BNA_G
ClientSampleId :
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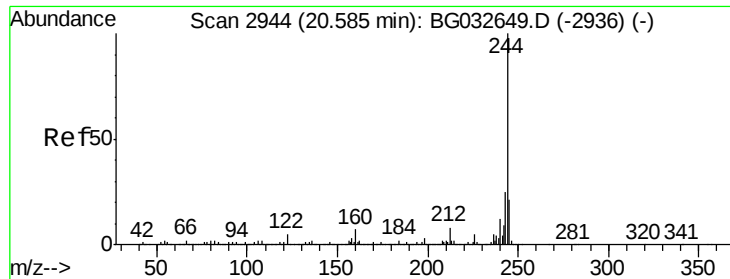
Tot Ion:188 Resp: 253247
Ion Ratio Lower Upper
188 100
94 5.1 6.9 10.3#
80 4.9 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.37 min Scan# 3247
Delta R.T. -0.01 min
Lab File: BG032657.D
Acq: 13 Feb 2018 12:56

Tgt Ion:240 Resp: 335882
Ion Ratio Lower Upper
240 100
120 5.4 6.8 10.2#
236 25.2 20.9 31.3





#78

Terphenyl-d14

Concen: 98.630 ng

RT: 20.58 min Scan# 2944

Delta R.T. -0.00 min

Lab File: BG032657.D

Acq: 13 Feb 2018 12:56

Instrument :

BNA_G

ClientSampleId :

WAVE-1

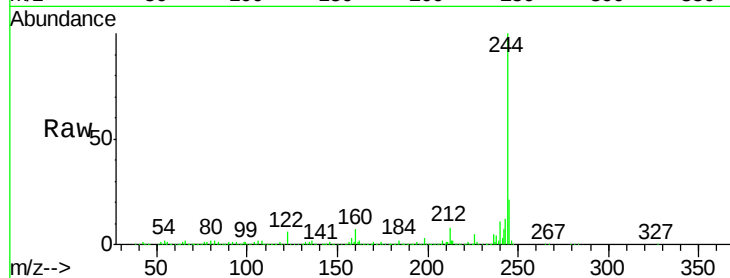
Tot Ion:244 Resp: 1453483

Ion Ratio Lower Upper

244 100

212 7.9 5.8 8.8

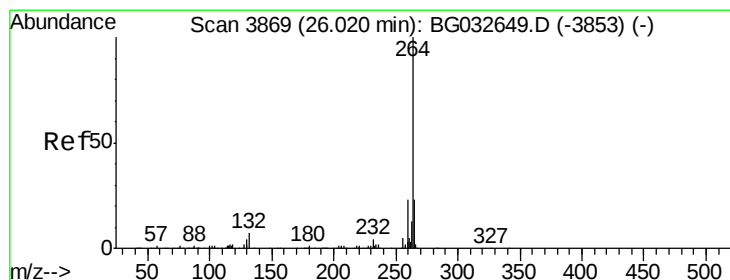
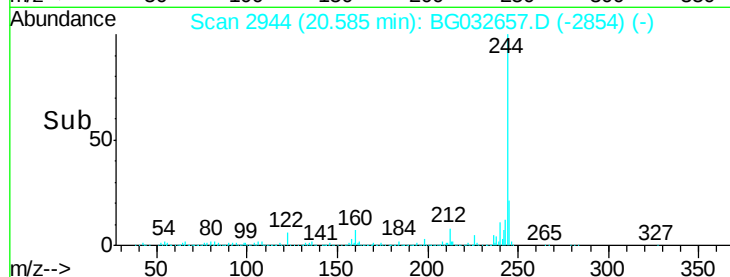
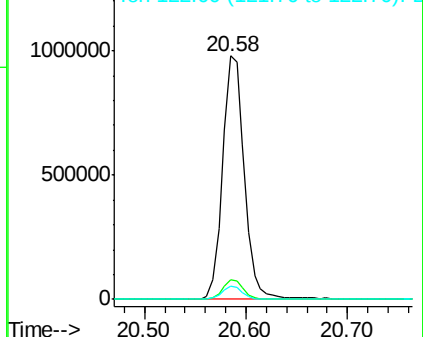
122 5.6 7.0 10.4#



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: 26.01 min Scan# 3868

Delta R.T. -0.01 min

Lab File: BG032657.D

Acq: 13 Feb 2018 12:56

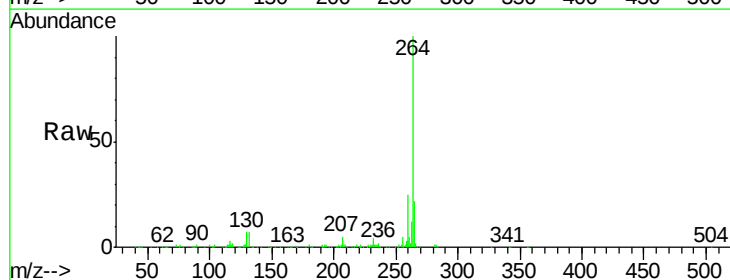
Tgt Ion:264 Resp: 347350

Ion Ratio Lower Upper

264 100

260 24.8 17.4 26.0

265 22.0 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

