

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032353.D
 Acq On : 27 Jan 2018 13:00
 Operator : SJ/JU
 Sample : J1009-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AU-05-012518-B

Quant Time: Jan 27 23:48:53 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG011218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 24 14:02:41 2018
 Response via : Initial Calibration

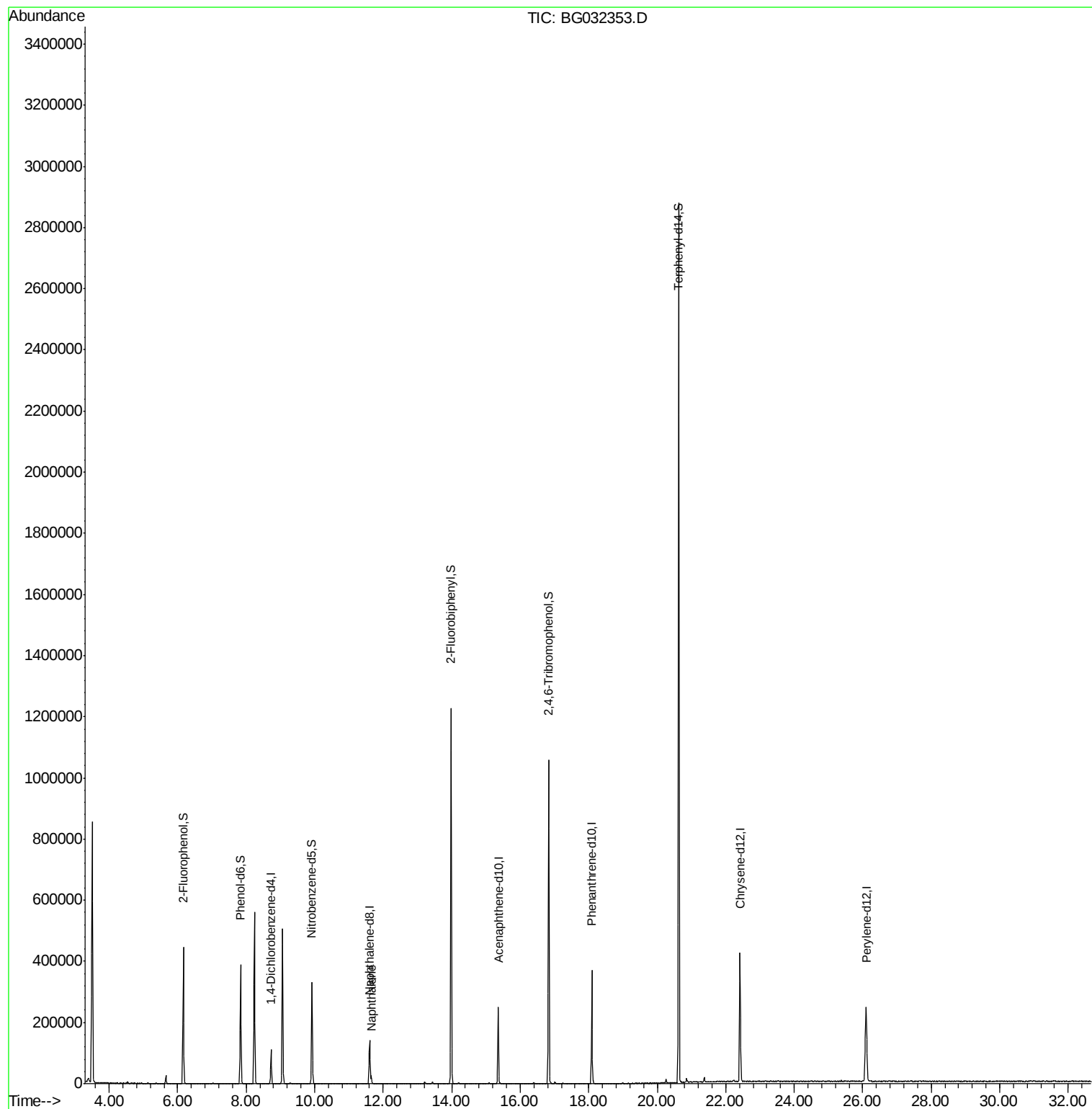
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	36761	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	138922	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	92867	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	249074	20.00	ng	0.00
75) Chrysene-d12	22.42	240	331551	20.00	ng	0.00
86) Perylene-d12	26.10	264	346183	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	220669	109.79	ng	0.00
7) Phenol-d6	7.84	99	232339	91.78	ng	0.00
23) Nitrobenzene-d5	9.92	82	208738	101.65	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	234430	152.55	ng	0.00
44) 2-Fluorobiphenyl	13.98	172	722523	96.47	ng	0.00
78) Terphenyl-d14	20.63	244	1501583	100.00	ng	0.00
Target Compounds						
31) Naphthalene	11.65	128	25647	3.727	ng	Qvalue # 87

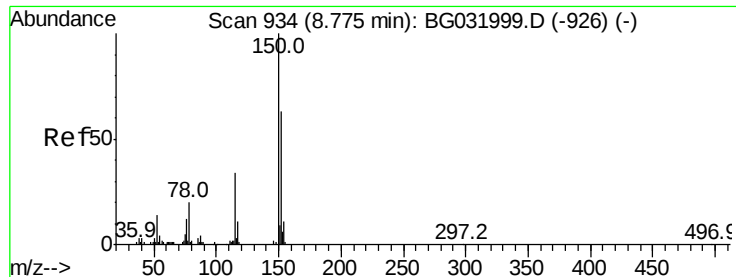
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG032353.D

Acq: 27 Jan 2018 13:00

Instrument :

BNA_G

ClientSampleId :

AU-05-012518-B

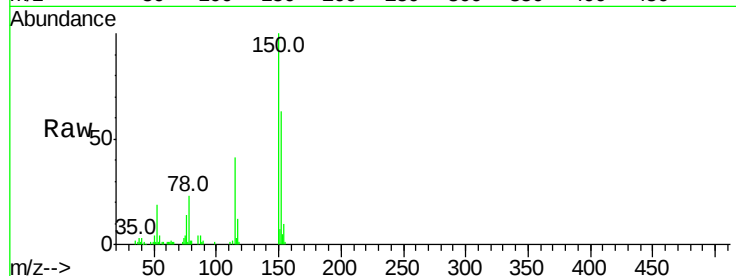
Tot Ion:152 Resp: 36761

Ion Ratio Lower Upper

152 100

150 159.5 126.6 189.8

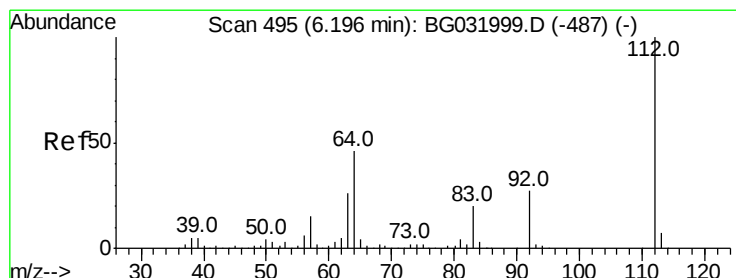
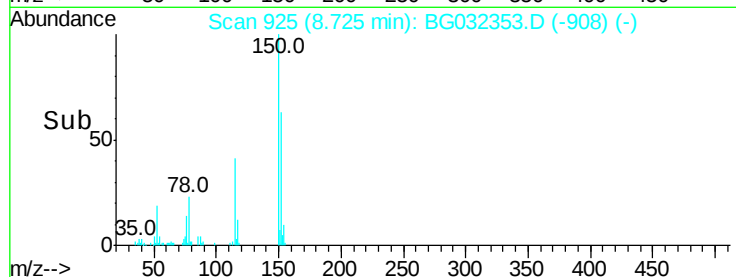
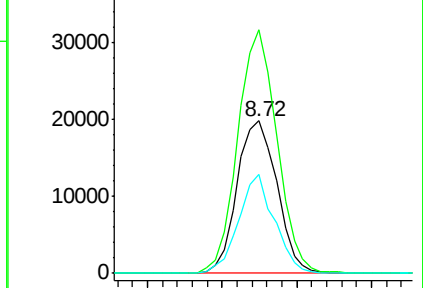
115 64.6 53.0 79.4



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: 109.787 ng

RT: 6.16 min Scan# 489

Delta R.T. 0.01 min

Lab File: BG032353.D

Acq: 27 Jan 2018 13:00

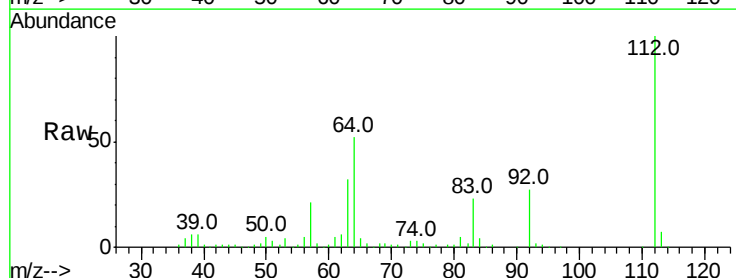
Tgt Ion:112 Resp: 220669

Ion Ratio Lower Upper

112 100

64 51.7 56.3 84.5#

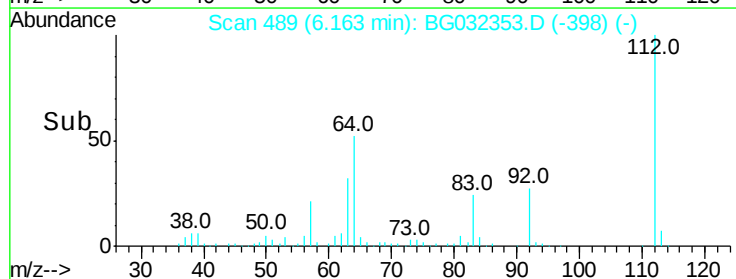
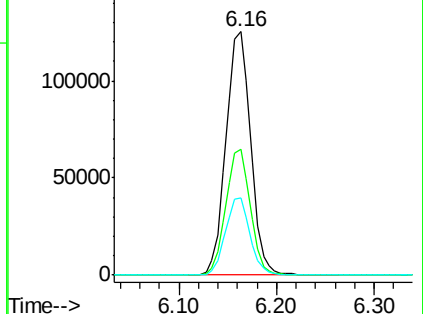
63 31.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 91.782 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.00 min

Lab File: BG032353.D

Acq: 27 Jan 2018 13:00

Instrument :

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AU-05-012518-B

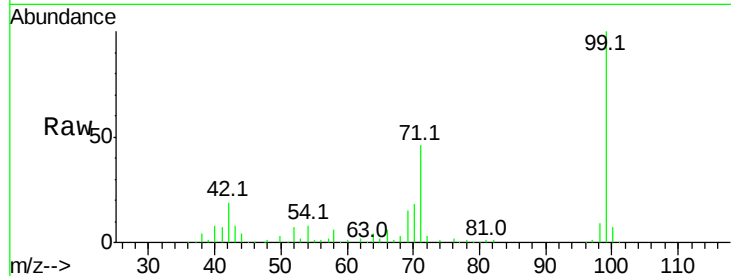
Tot Ion: 99 Resp: 232339

Ion Ratio Lower Upper

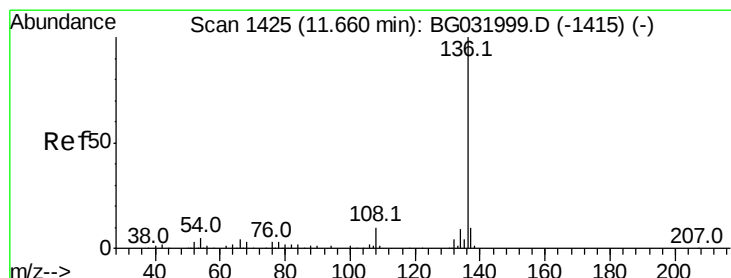
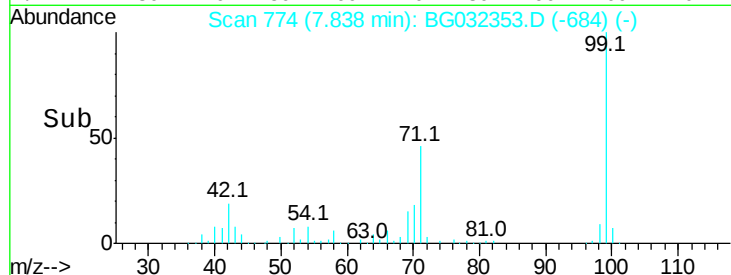
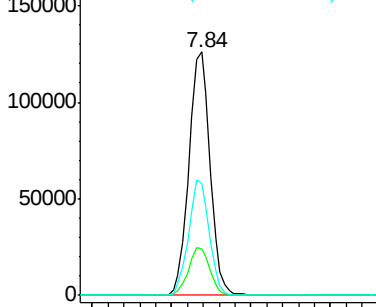
99 100

42 18.9 14.1 21.1

71 45.8 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: 11.60 min Scan# 1415

Delta R.T. -0.00 min

Lab File: BG032353.D

Acq: 27 Jan 2018 13:00

Tgt Ion: 136 Resp: 138922

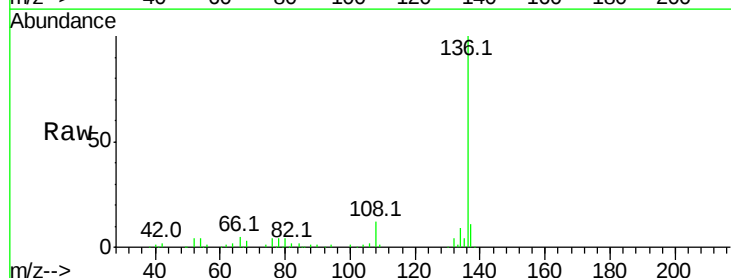
Ion Ratio Lower Upper

136 100

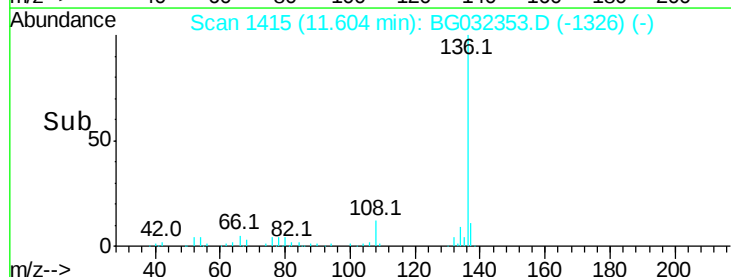
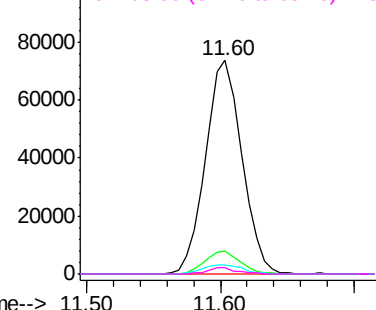
137 10.8 9.2 13.8

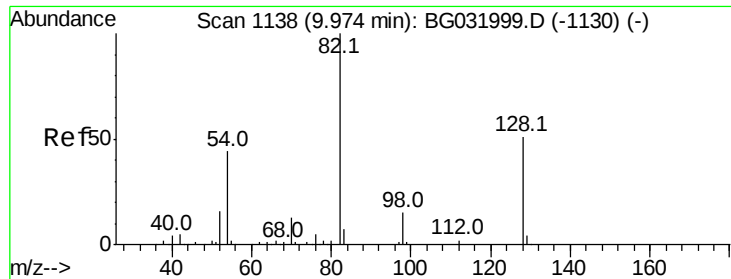
54 4.2 10.3 15.5#

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

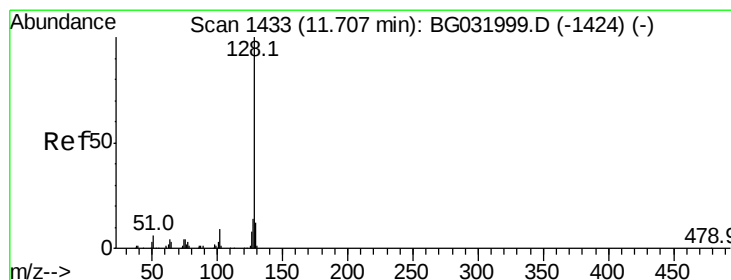
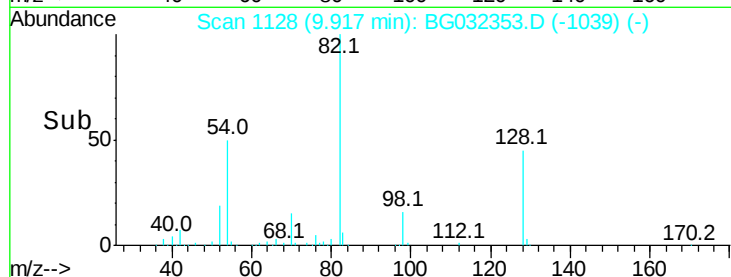
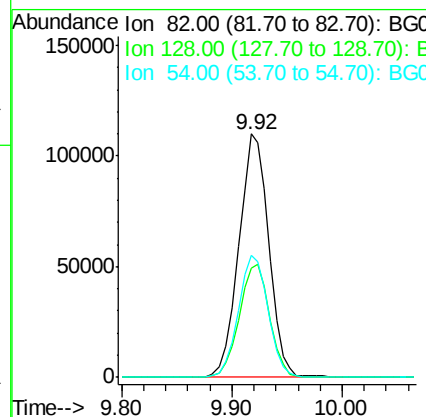
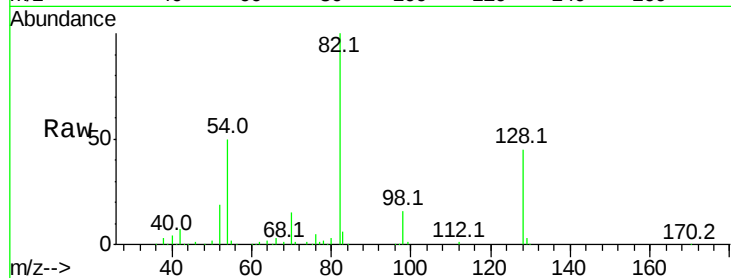




#23
Nitrobenzene-d5
Concen: 101.654 ng
RT: 9.92 min Scan# 1128
Delta R.T. -0.00 min
Lab File: BG032353.D
Acq: 27 Jan 2018 13:00

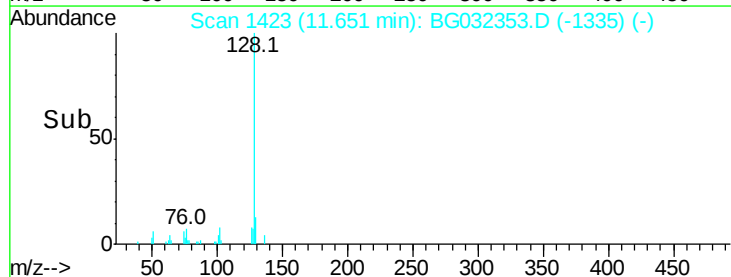
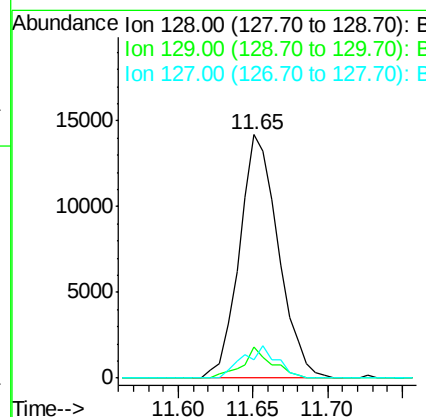
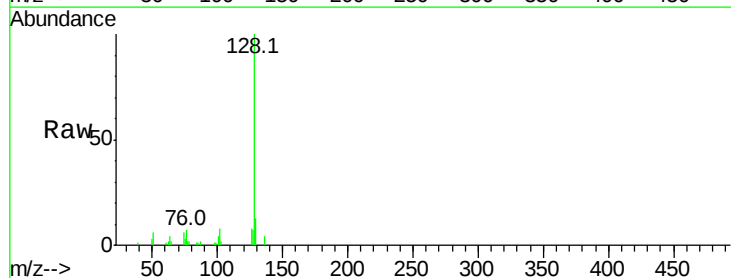
Instrument :
BNA_G
ClientSampleId :
AU-05-012518-B

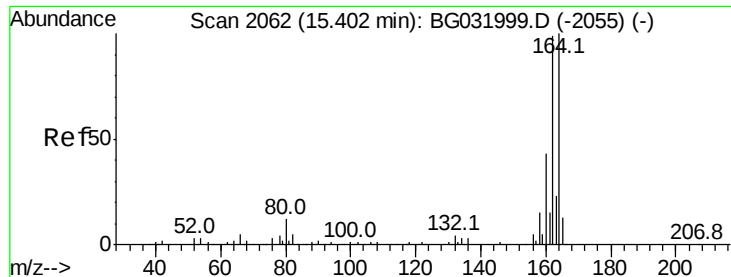
Tot Ion	82	Resp	208738
Ion Ratio	Lower	Upper	
82	100		
128	45.0	29.7	44.5#
54	50.3	43.1	64.7



#31
Naphthalene
Concen: 3.727 ng
RT: 11.65 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BG032353.D
Acq: 27 Jan 2018 13:00

Tgt Ion	128	Resp	25647
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
128	100		
129	12.9	8.6	12.8#
127	7.3	11.6	17.4#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.00 min

Lab File: BG032353.D

Acq: 27 Jan 2018 13:00

Instrument :

BNA_G

ClientSampleId :

AU-05-012518-B

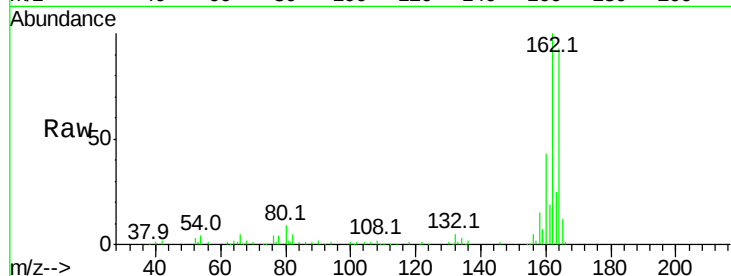
Tot Ion:164 Resp: 92867

Ion	Ratio	Lower	Upper
164	100		
162	107.3	78.8	118.2
160	46.1	35.4	53.0

164 100

162 107.3 78.8 118.2

160 46.1 35.4 53.0

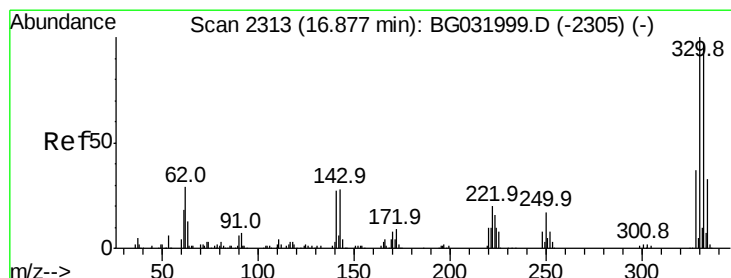
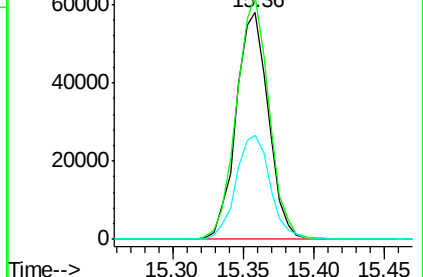
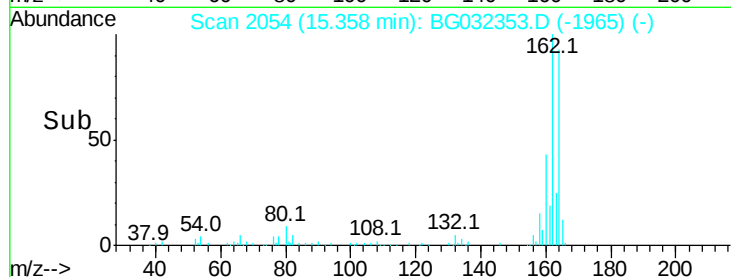


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

Time-->



#41

2,4,6-Tribromophenol

Concen: 152.551 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.00 min

Lab File: BG032353.D

Acq: 27 Jan 2018 13:00

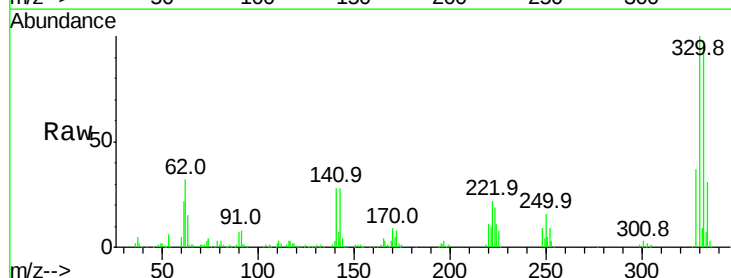
Tgt Ion:330 Resp: 234430

Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	28.5	25.2	37.8

330 100

332 96.0 77.0 115.6

141 28.5 25.2 37.8

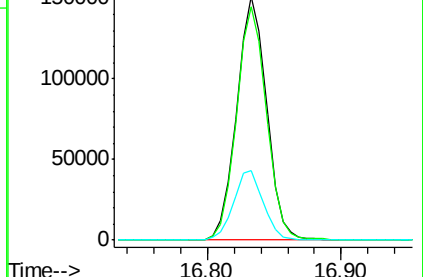
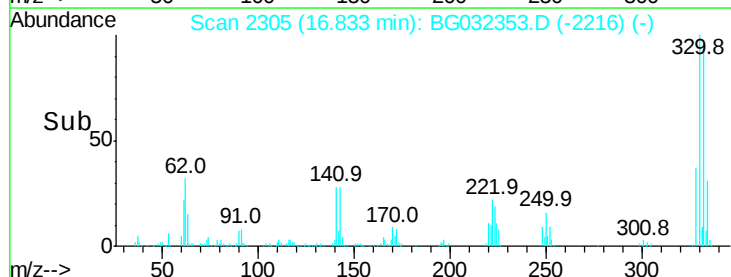


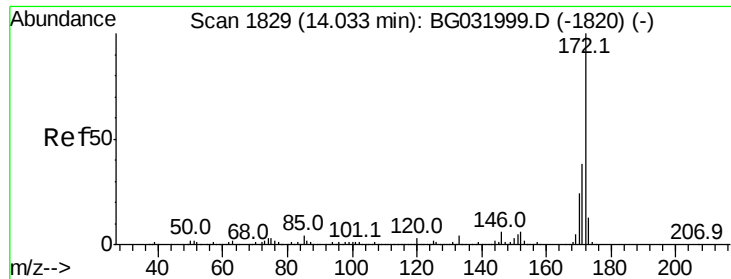
Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

Time-->

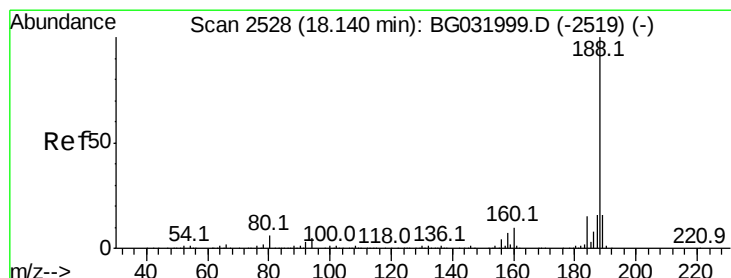
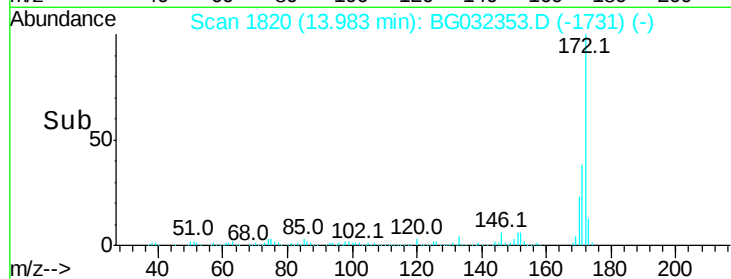
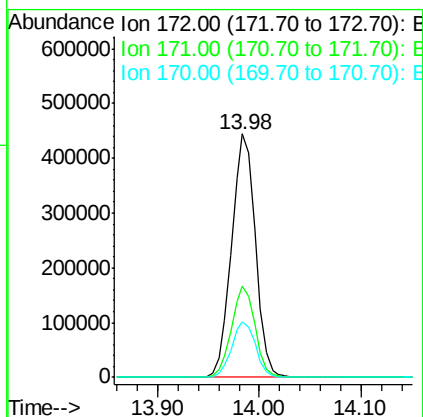
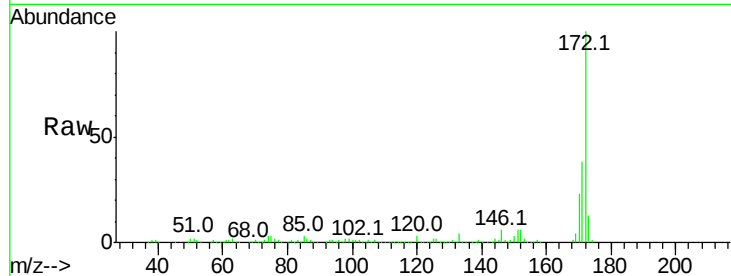




#44
 2-Fluorobiphenyl
 Concen: 96.471 ng
 RT: 13.98 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BG032353.D
 Acq: 27 Jan 2018 13:00

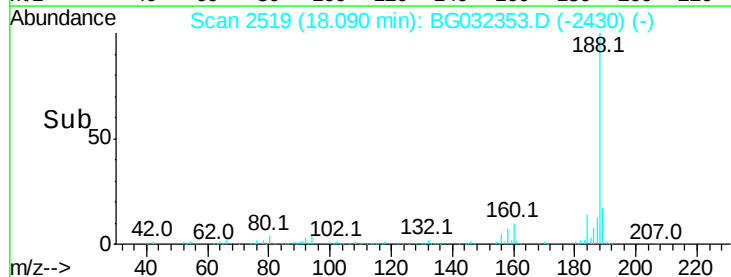
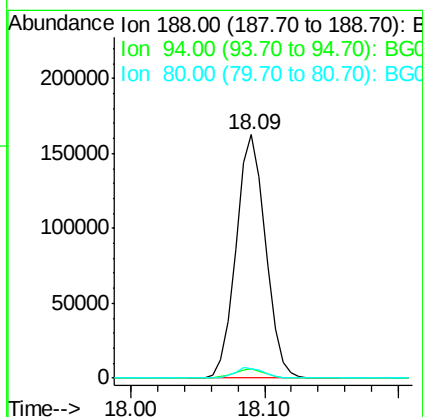
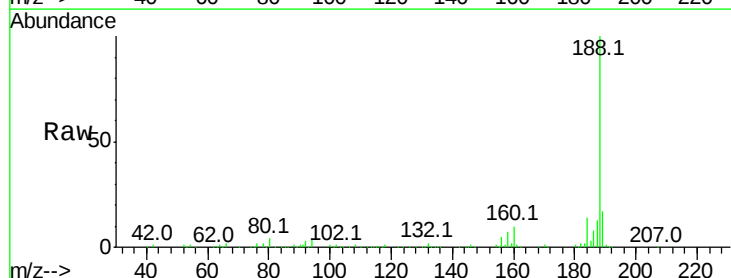
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-012518-B

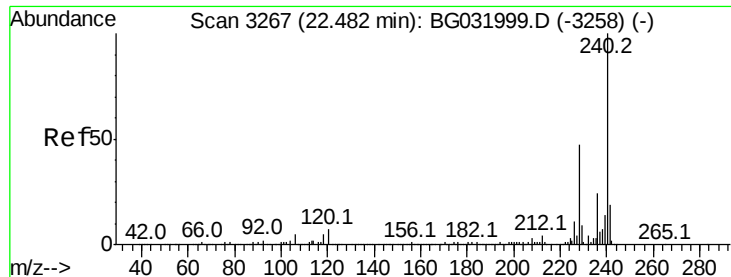
Tot Ion:172 Resp: 722523
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 22.7 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.09 min Scan# 2519
 Delta R.T. -0.00 min
 Lab File: BG032353.D
 Acq: 27 Jan 2018 13:00

Tgt Ion:188 Resp: 249074
 Ion Ratio Lower Upper
 188 100
 94 4.1 6.9 10.3#
 80 3.8 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.42 min Scan# 3256

Delta R.T. -0.00 min

Lab File: BG032353.D

Acq: 27 Jan 2018 13:00

Instrument :

BNA_G

ClientSampleId :

AU-05-012518-B

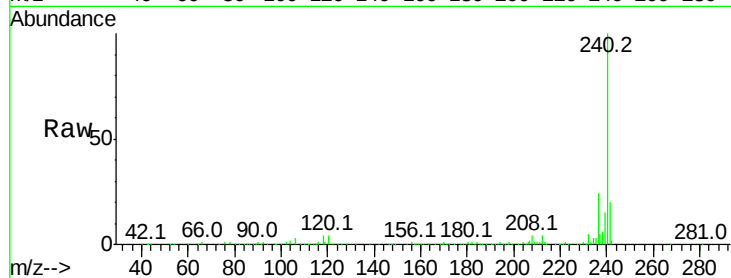
Tot Ion:240 Resp: 331551

Ion Ratio Lower Upper

240 100

120 4.1 6.8 10.2#

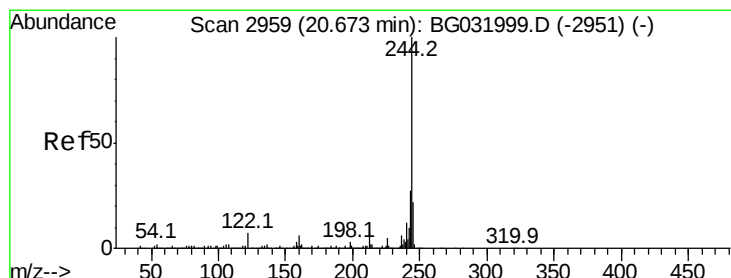
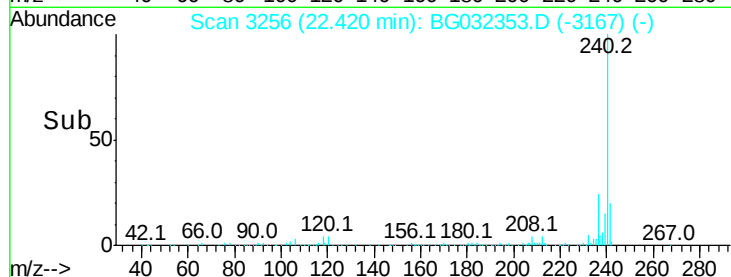
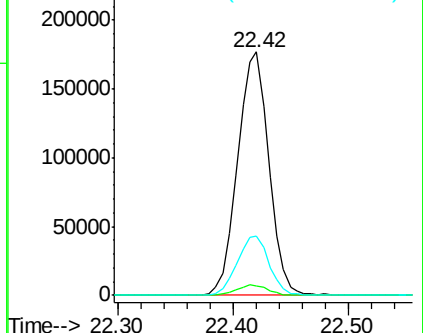
236 24.5 20.9 31.3



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: 100.002 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.00 min

Lab File: BG032353.D

Acq: 27 Jan 2018 13:00

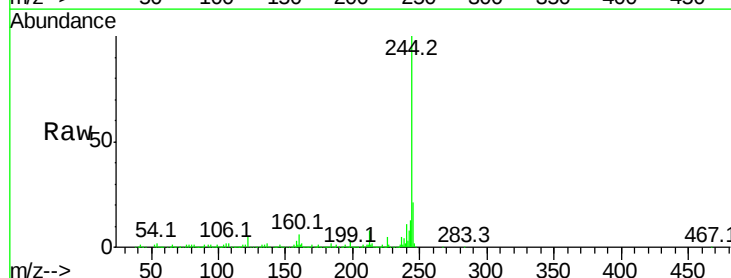
Tgt Ion:244 Resp: 1501583

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.8

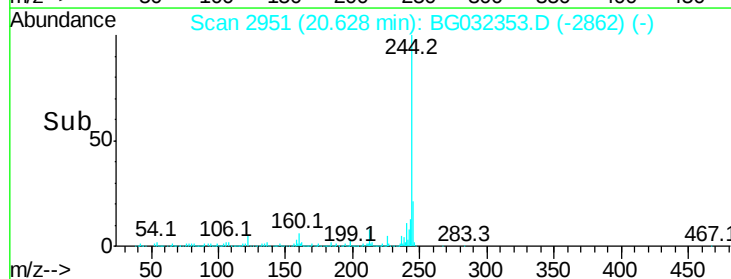
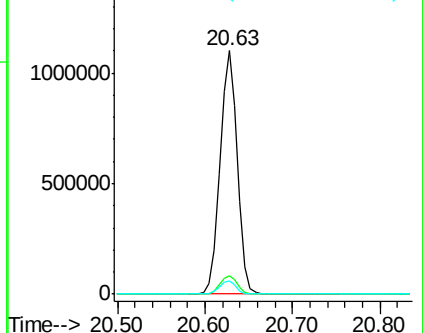
122 5.5 7.0 10.4#

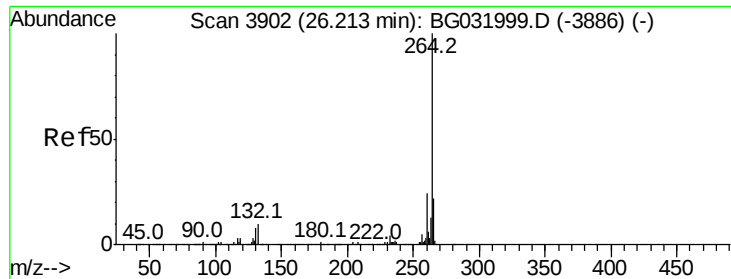


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

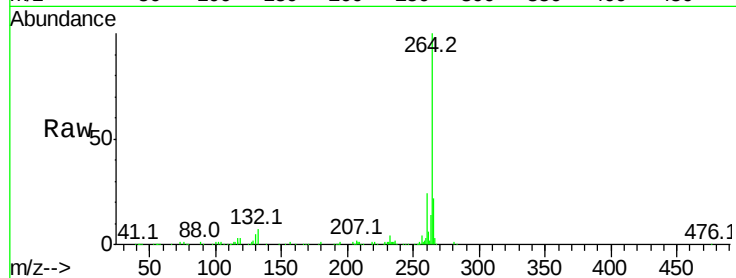




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.10 min Scan# 3883
Delta R.T. -0.00 min
Lab File: BG032353.D
Acq: 27 Jan 2018 13:00

Instrument :
BNA_G
ClientSampleId :
AU-05-012518-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	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

