

Data Path : U:\HPCHEM1\BNA G\DATA\BG012718\
 Data File : BG032354.D
 Acq On : 27 Jan 2018 13:38
 Operator : SJ/JU
 Sample : J1009-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Jan 27 23:50:33 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

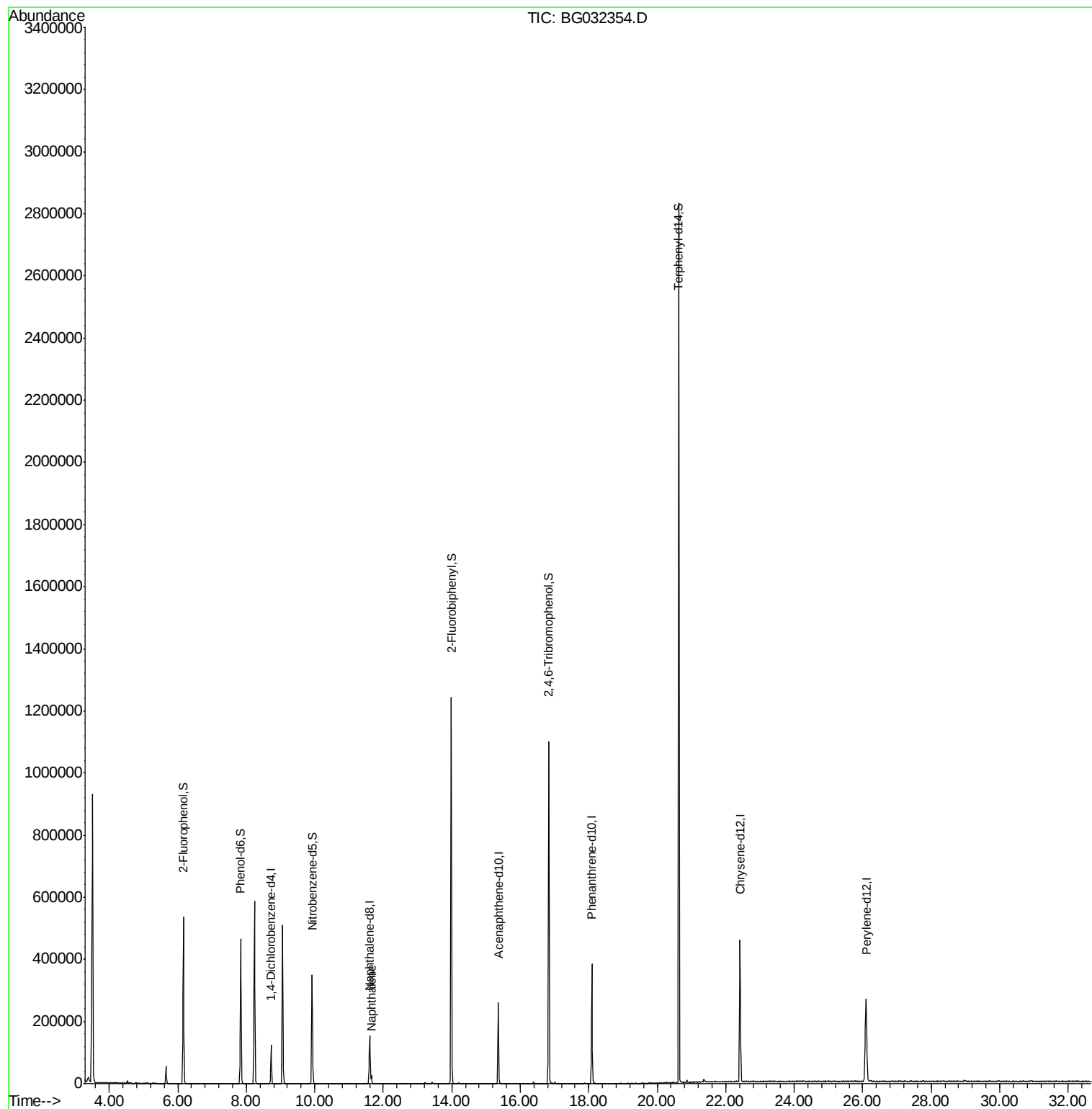
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	39603	20.00	ng	0.00
21) Naphthalene-d8	11.60	136	146708	20.00	ng	0.00
38) Acenaphthene-d10	15.36	164	98144	20.00	ng	0.00
63) Phenanthrene-d10	18.09	188	266073	20.00	ng	0.00
75) Chrysene-d12	22.42	240	351048	20.00	ng	0.00
86) Perylene-d12	26.10	264	374222	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.16	112	258112	119.20	ng	0.00
7) Phenol-d6	7.83	99	284332	104.26	ng	0.00
23) Nitrobenzene-d5	9.92	82	213911	98.64	ng	0.00
41) 2,4,6-Tribromophenol	16.83	330	246339	151.68	ng	0.00
44) 2-Fluorobiphenyl	13.99	172	722382	91.27	ng	0.00
78) Terphenyl-d14	20.63	244	1513529	95.20	ng	0.00
Target Compounds						
31) Naphthalene	11.65	128	23940	3.294	ng	Qvalue 97

(#) = 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: BG032354.D

Acq: 27 Jan 2018 13:38

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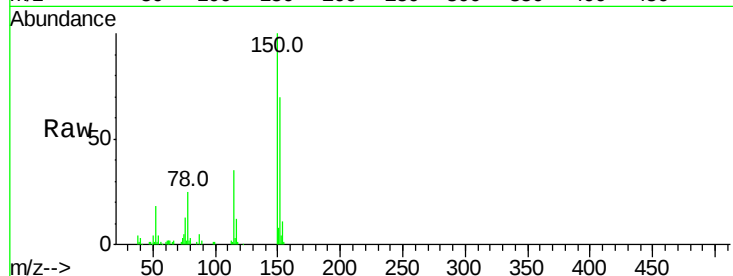
Tot Ion:152 Resp: 39603

Ion Ratio Lower Upper

152 100

150 142.1 126.6 189.8

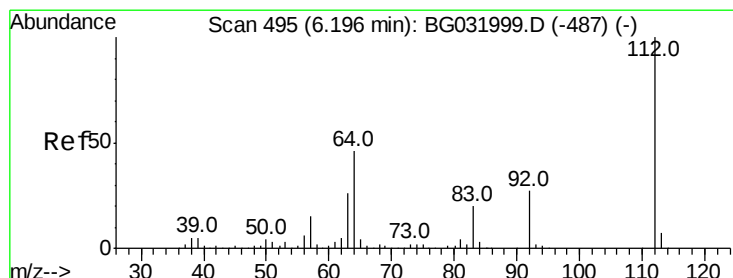
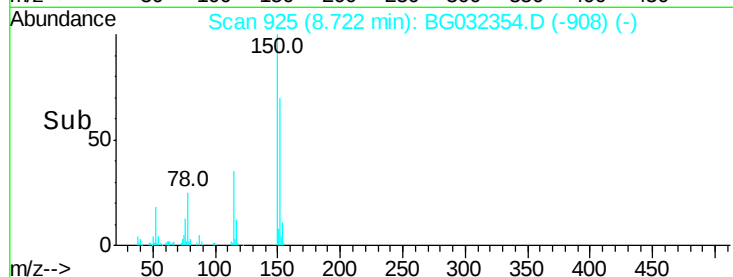
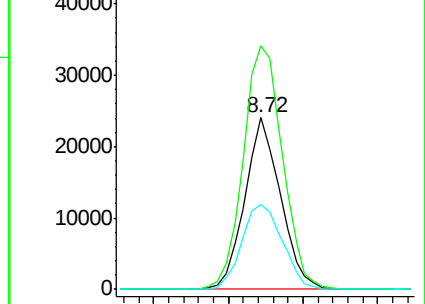
115 49.7 53.0 79.4#



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: 119.200 ng

RT: 6.16 min Scan# 489

Delta R.T. 0.00 min

Lab File: BG032354.D

Acq: 27 Jan 2018 13:38

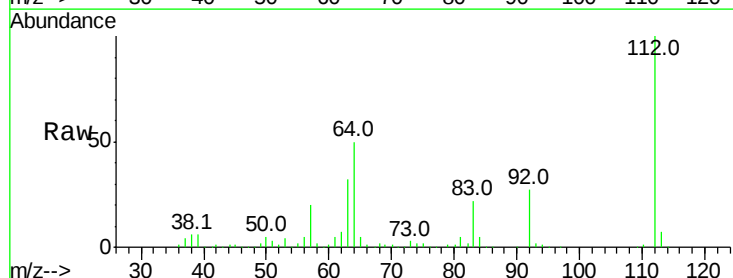
Tgt Ion:112 Resp: 258112

Ion Ratio Lower Upper

112 100

64 50.0 56.3 84.5#

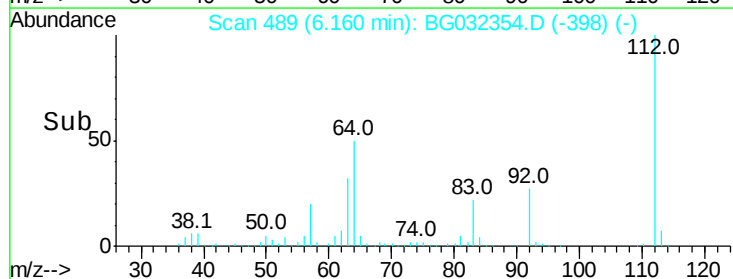
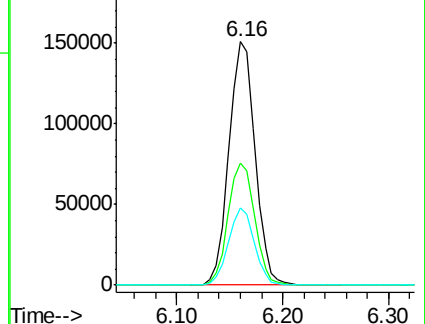
63 31.9 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 104.260 ng

RT: 7.83 min Scan# 774

Delta R.T. -0.00 min

Lab File: BG032354.D

Acq: 27 Jan 2018 13:38

Instrument :

BNA_G

ClientSampleId :

AU-05-012518-C

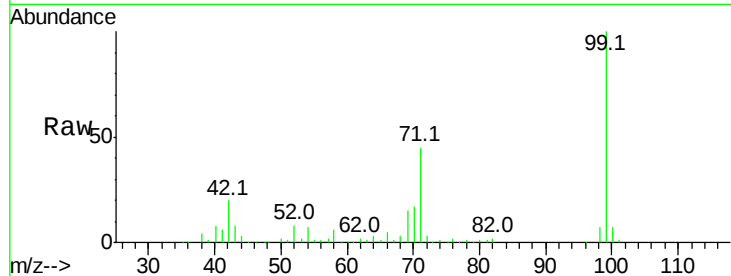
Tot Ion: 99 Resp: 284332

Ion Ratio Lower Upper

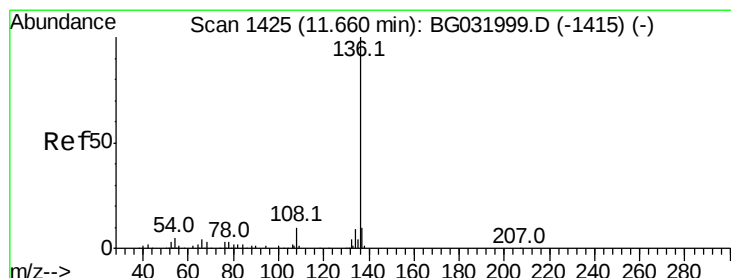
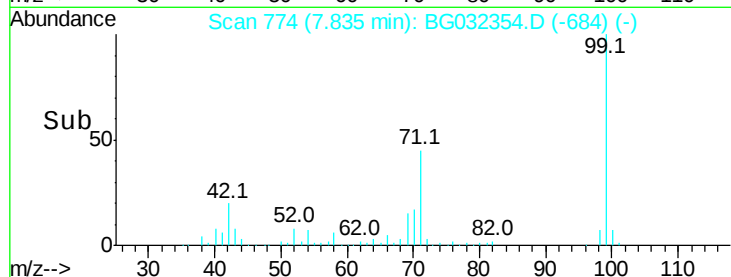
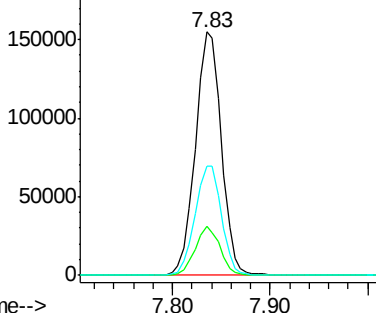
99 100

42 20.1 14.1 21.1

71 45.0 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. -0.01 min

Lab File: BG032354.D

Acq: 27 Jan 2018 13:38

Tgt Ion: 136 Resp: 146708

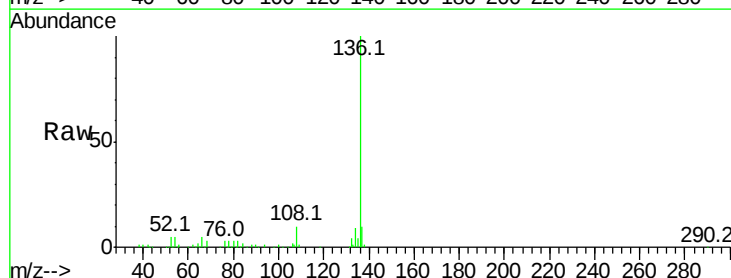
Ion Ratio Lower Upper

136 100

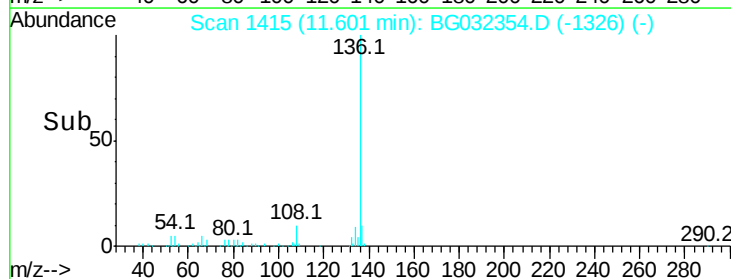
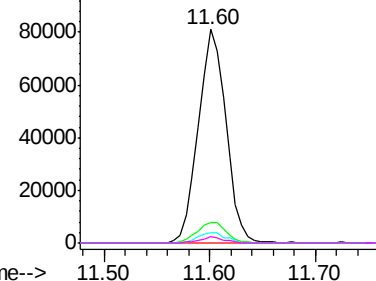
137 9.5 9.2 13.8

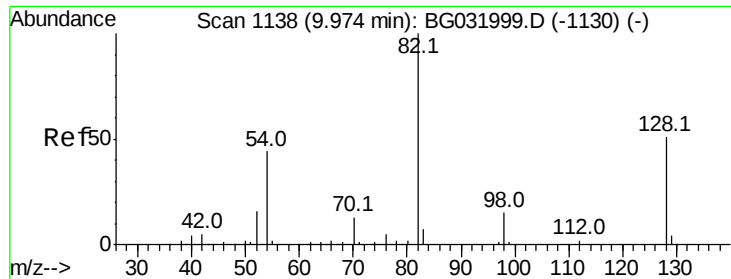
54 4.7 10.3 15.5#

68 2.7 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

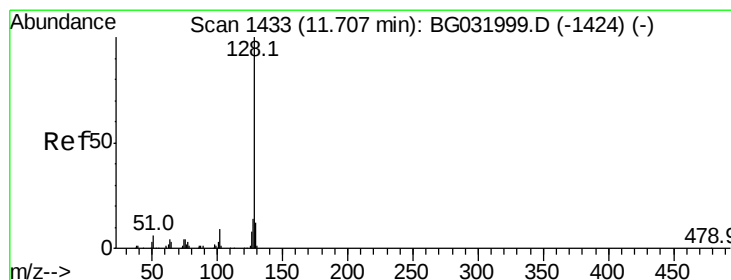
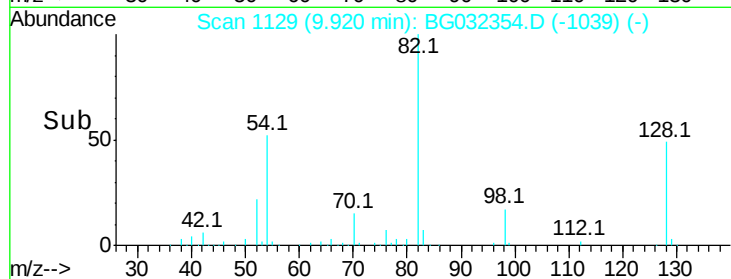
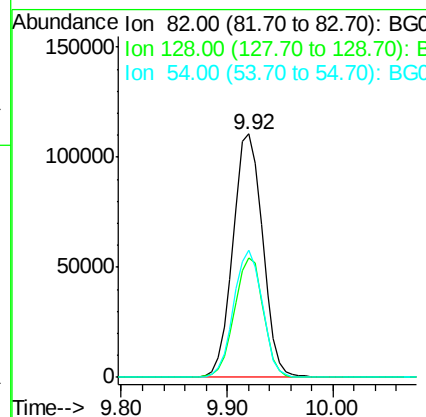
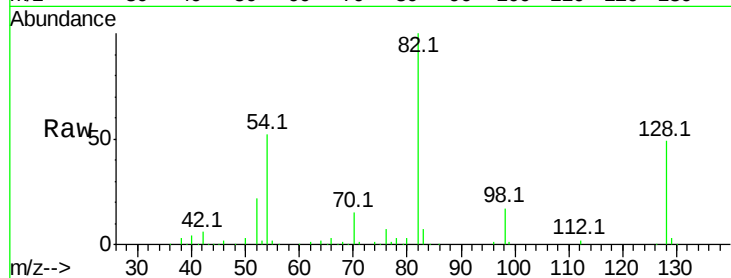




#23
Nitrobenzene-d5
Concen: 98.645 ng
RT: 9.92 min Scan# 1129
Delta R.T. -0.00 min
Lab File: BG032354.D
Acq: 27 Jan 2018 13:38

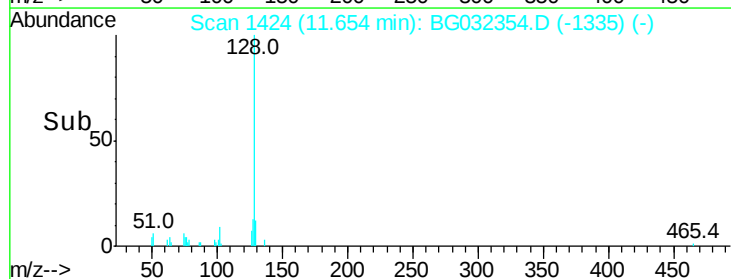
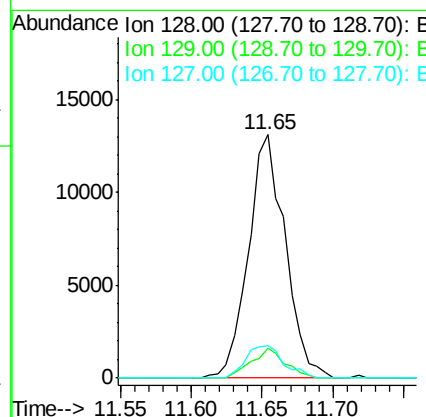
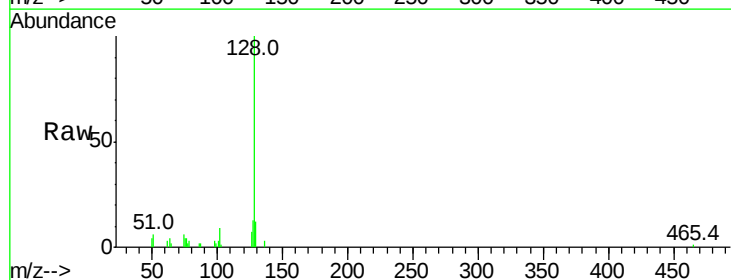
Instrument :
BNA_G
ClientSampleId :
AU-05-012518-C

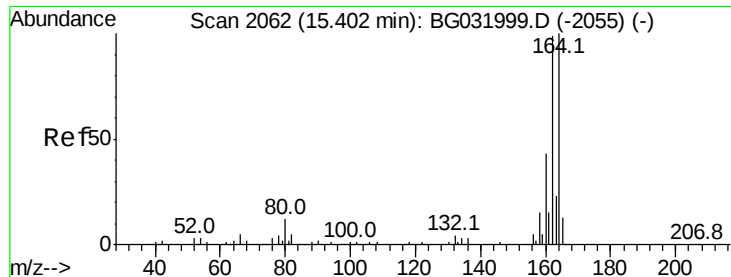
Tot Ion: 82 Resp: 213911
Ion Ratio Lower Upper
82 100
128 49.2 29.7 44.5#
54 52.1 43.1 64.7



#31
Naphthalene
Concen: 3.294 ng
RT: 11.65 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BG032354.D
Acq: 27 Jan 2018 13:38

Tgt Ion: 128 Resp: 23940
Ion Ratio Lower Upper
128 100
129 12.1 8.6 12.8
127 13.4 11.6 17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.36 min Scan# 2054

Delta R.T. -0.01 min

Lab File: BG032354.D

Acq: 27 Jan 2018 13:38

Instrument :

BNA_G

ClientSampleId :

AU-05-012518-C

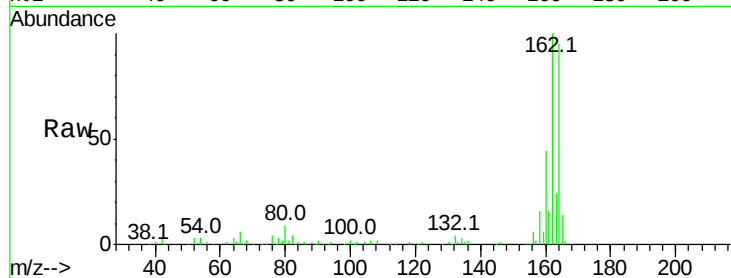
Tot Ion:164 Resp: 98144

Ion Ratio Lower Upper

164 100

162 105.3 78.8 118.2

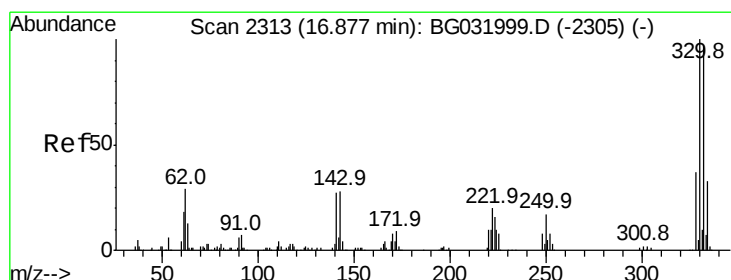
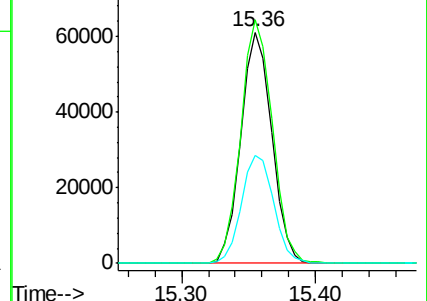
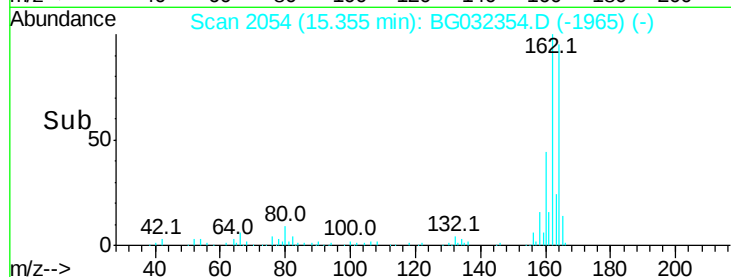
160 46.5 35.4 53.0



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



#41

2,4,6-Tribromophenol

Concen: 151.682 ng

RT: 16.83 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BG032354.D

Acq: 27 Jan 2018 13:38

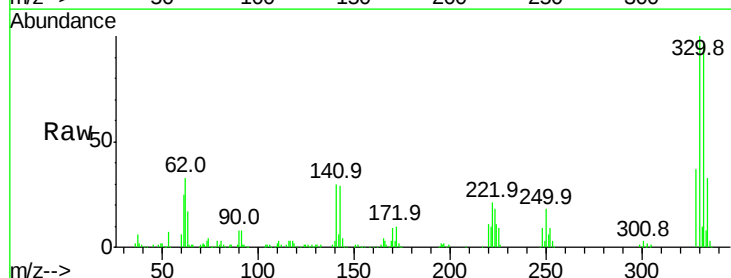
Tgt Ion:330 Resp: 246339

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

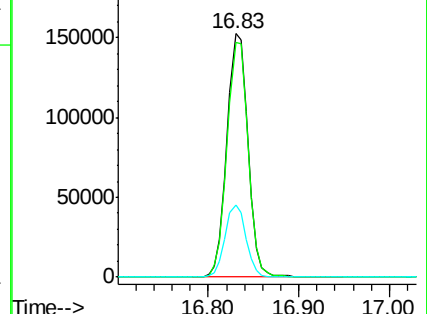
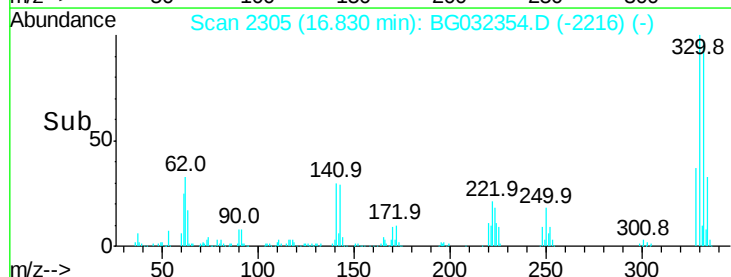
141 29.5 25.2 37.8

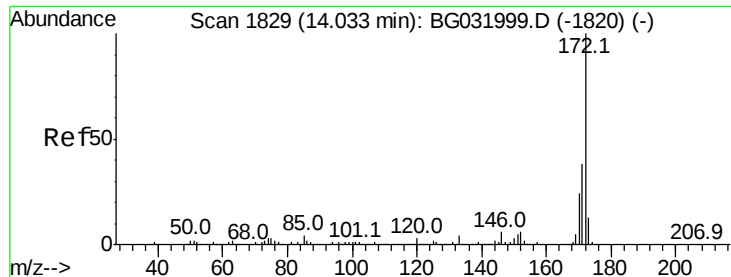


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

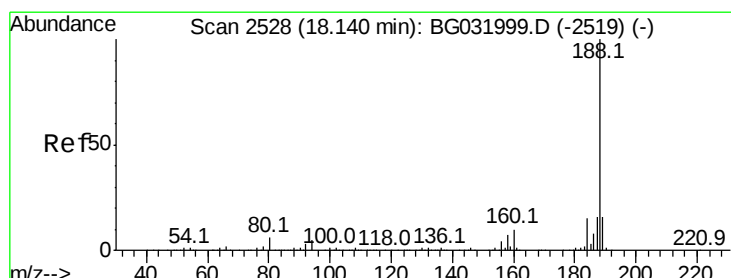
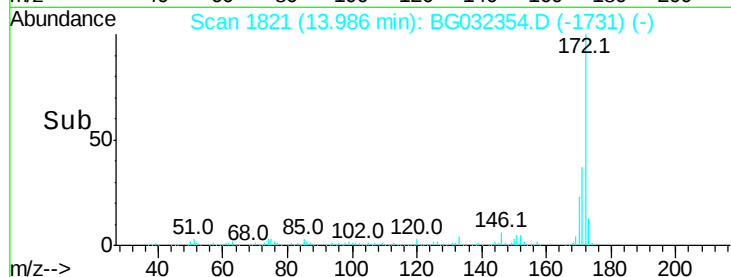
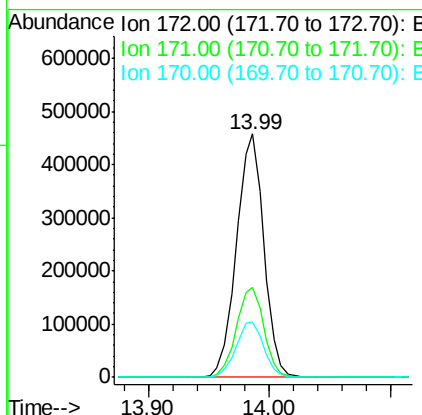
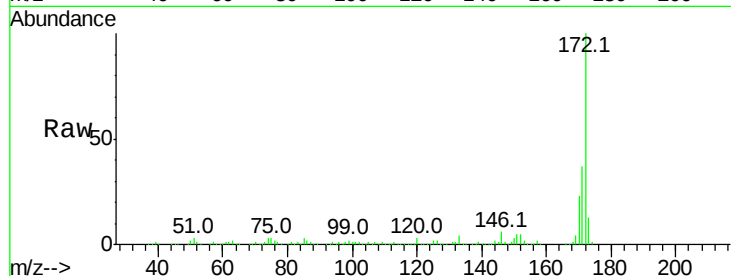




#44
 2-Fluorobiphenyl
 Concen: 91.266 ng
 RT: 13.99 min Scan# 1821
 Delta R.T. -0.00 min
 Lab File: BG032354.D
 Acq: 27 Jan 2018 13:38

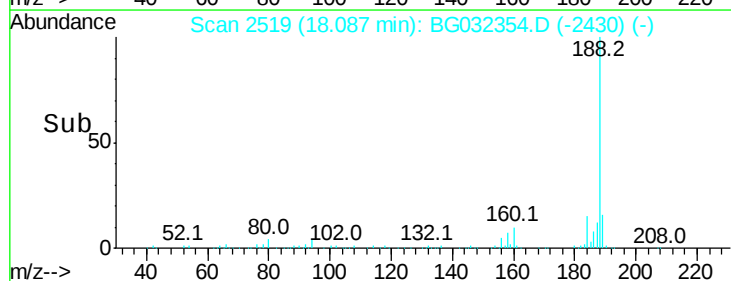
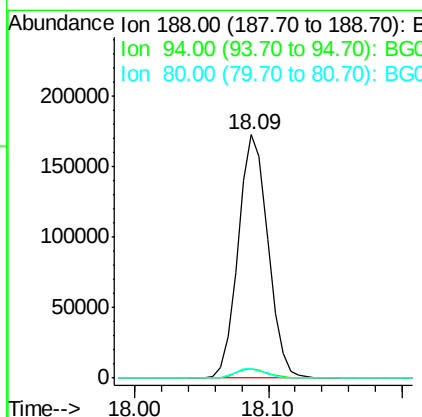
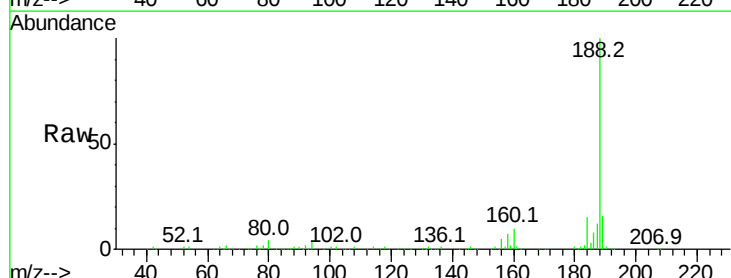
Instrument :
 BNA_G
 ClientSampleId :
 AU-05-012518-C

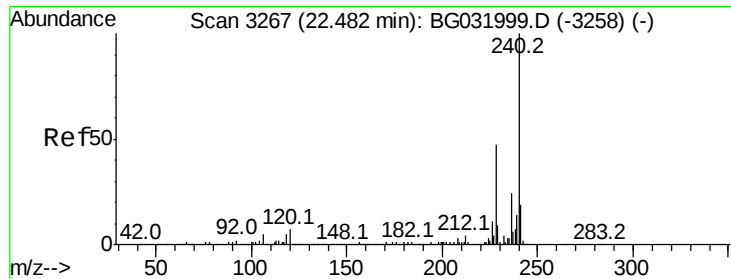
Tot Ion:172 Resp: 722382
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.0 45.0
 170 22.5 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.09 min Scan# 2519
 Delta R.T. -0.01 min
 Lab File: BG032354.D
 Acq: 27 Jan 2018 13:38

Tgt Ion:188 Resp: 266073
 Ion Ratio Lower Upper
 188 100
 94 4.1 6.9 10.3#
 80 4.0 7.7 11.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.42 min Scan# 3256

Delta R.T. -0.01 min

Lab File: BG032354.D

Acq: 27 Jan 2018 13:38

Instrument :

BNA_G

ClientSampleId :

AU-05-012518-C

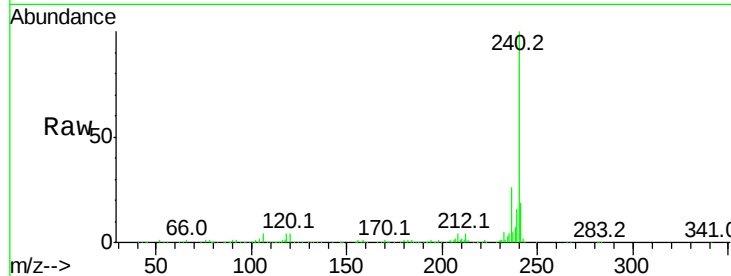
Tot Ion:240 Resp: 351048

Ion Ratio Lower Upper

240 100

120 4.1 6.8 10.2#

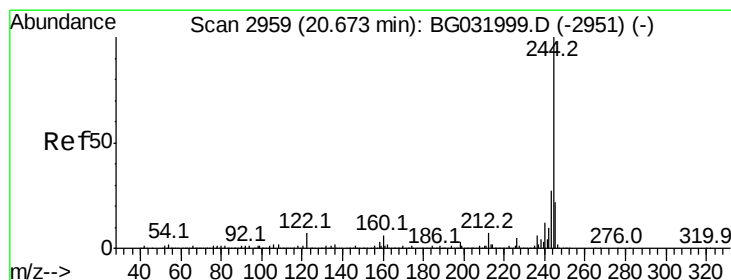
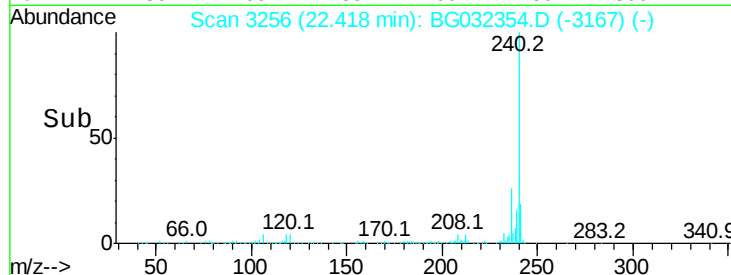
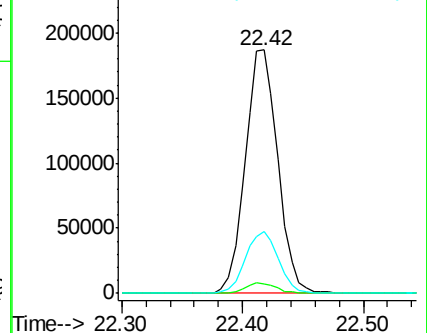
236 25.5 20.9 31.3



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: 95.199 ng

RT: 20.63 min Scan# 2951

Delta R.T. -0.01 min

Lab File: BG032354.D

Acq: 27 Jan 2018 13:38

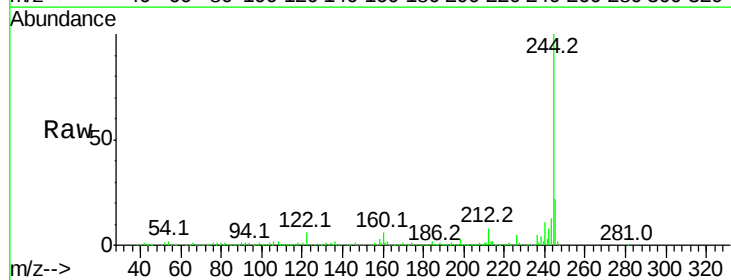
Tgt Ion:244 Resp: 1513529

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

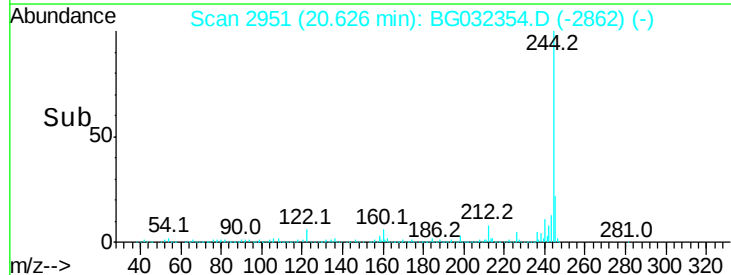
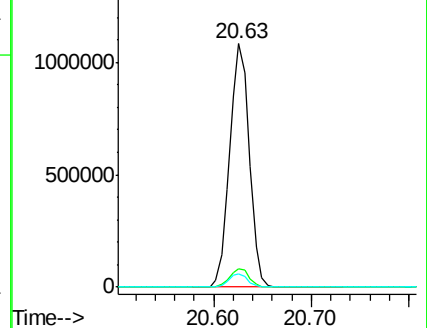
122 5.7 7.0 10.4#

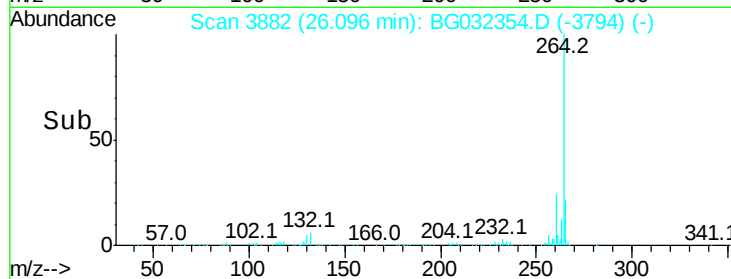
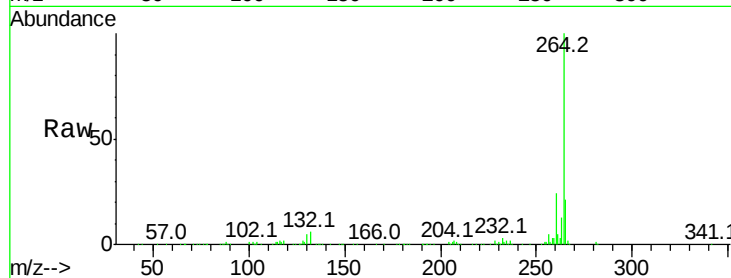
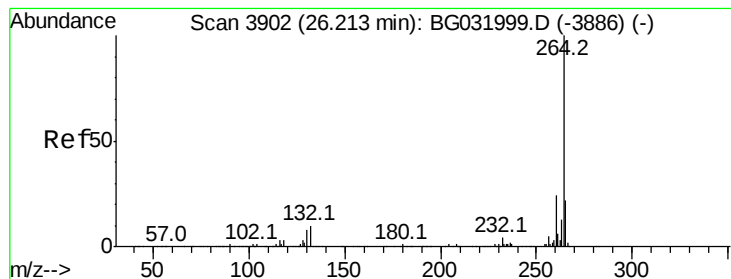


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3882

Delta R.T. -0.01 min

Lab File: BG032354.D

Acq: 27 Jan 2018 13:38

Instrument :

BNA_G

ClientSampleId :

AU-05-012518-C

Tot Ion:264 Resp: 374222

Ion Ratio Lower Upper

264 100

260 24.4 17.4 26.0

265 20.7 17.7 26.5

