

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030118\
 Data File : BG032922.D
 Acq On : 1 Mar 2018 18:14
 Operator : SJ/JU
 Sample : J1402-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-022818-D

Quant Time: Mar 02 10:11:06 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 01 17:38:52 2018
 Response via : Initial Calibration

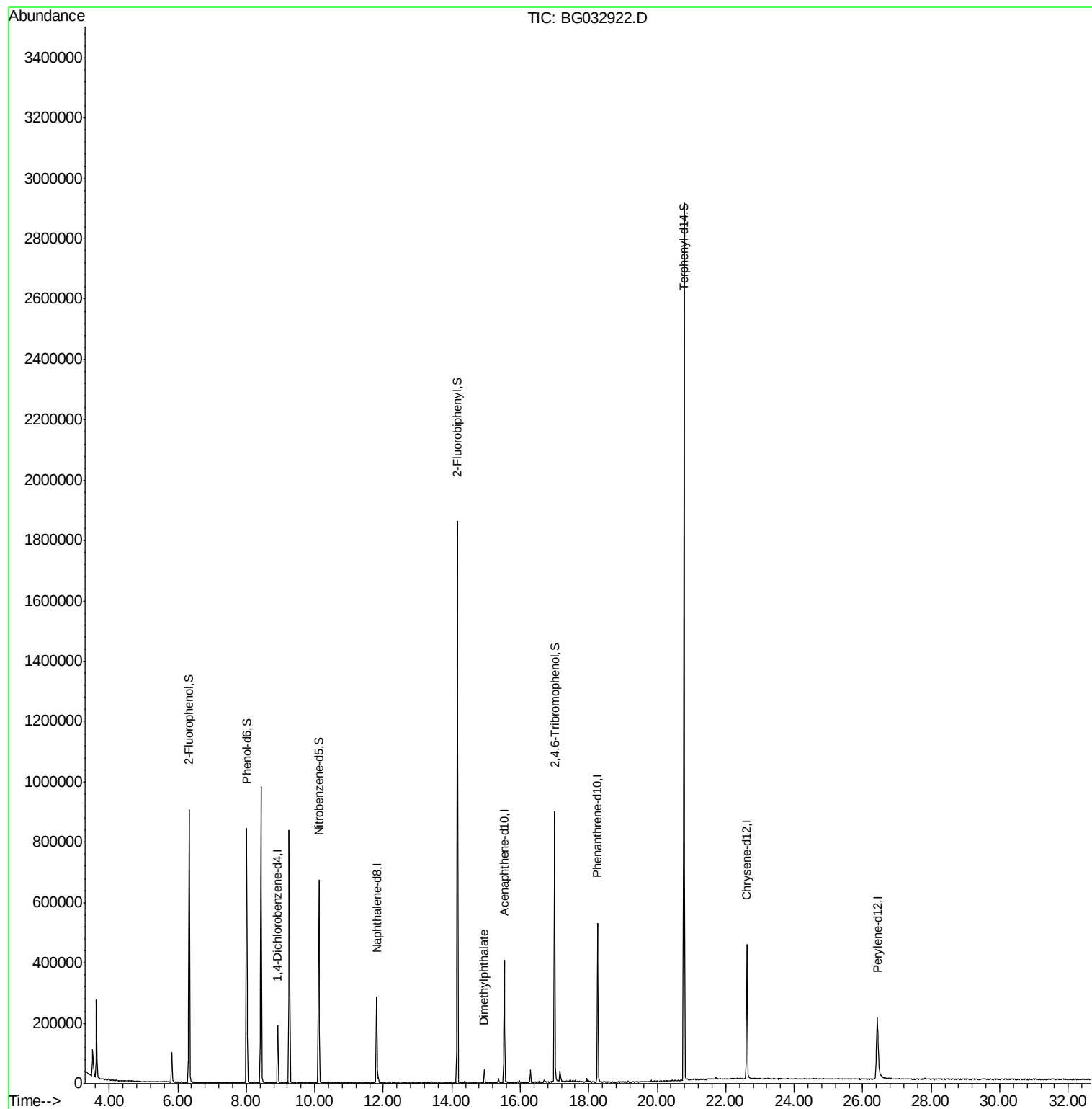
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	57590	20.00	ng	0.00
21) Naphthalene-d8	11.81	136	253336	20.00	ng	0.00
38) Acenaphthene-d10	15.53	164	144642	20.00	ng	0.00
63) Phenanthrene-d10	18.26	188	323023	20.00	ng	0.00
75) Chrysene-d12	22.61	240	301495	20.00	ng	0.00
86) Perylene-d12	26.43	264	288156	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	434080	120.59	ng	0.00
7) Phenol-d6	8.01	99	533188	106.27	ng	0.00
23) Nitrobenzene-d5	10.12	82	424348	112.60	ng	0.00
41) 2,4,6-Tribromophenol	17.00	330	162602	106.91	ng	0.00
44) 2-Fluorobiphenyl	14.16	172	964312	96.15	ng	0.00
78) Terphenyl-d14	20.78	244	1338717	99.76	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.95	163	30451	2.479	ng	Qvalue # 97

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 01 17:38:52 2018
Response via : Initial Calibration



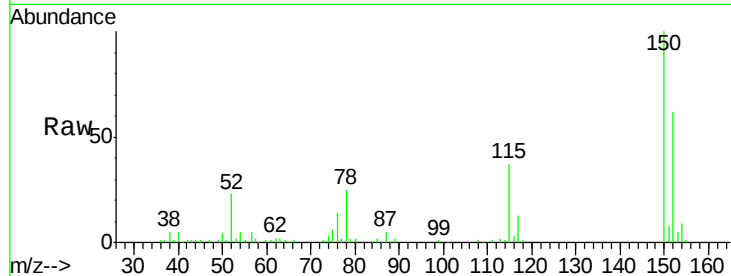


#1

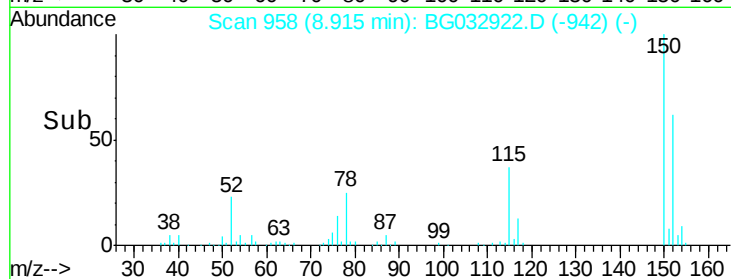
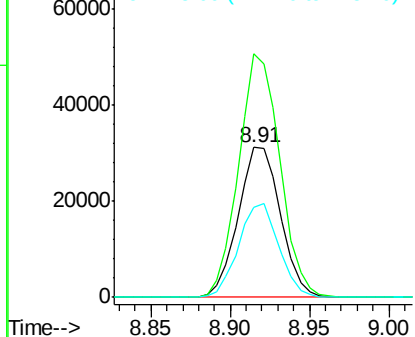
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 958
Delta R.T. -0.01 min
Lab File: BG032922.D
Acq: 1 Mar 2018 18:14

Instrument :
BNA_G
ClientSampleId :
PL-01-022818-D

Tot Ion:152 Resp: 57590
Ion Ratio Lower Upper
152 100
150 162.5 126.6 189.8
115 60.1 53.0 79.4



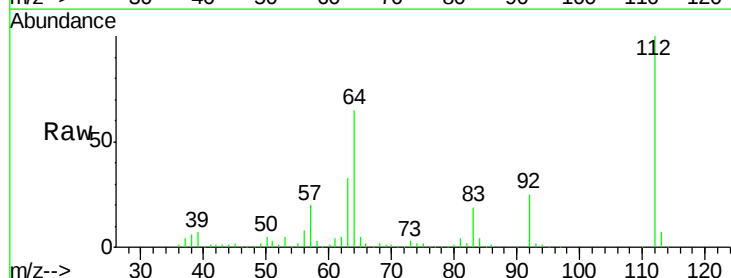
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



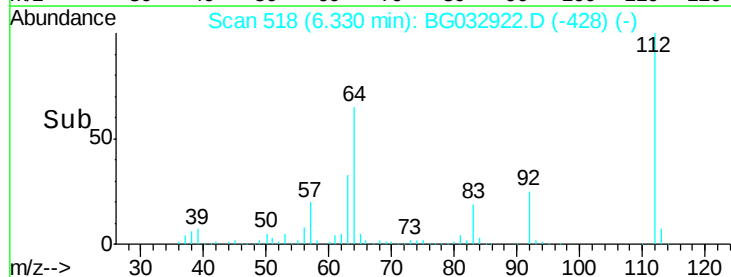
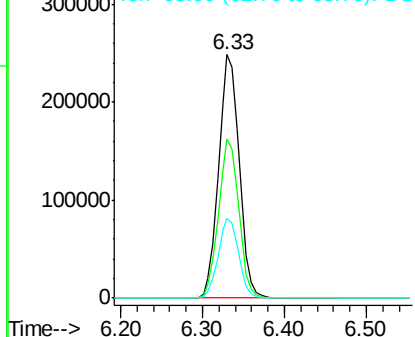
#5

2-Fluorophenol
Concen: 120.588 ng
RT: 6.33 min Scan# 518
Delta R.T. 0.00 min
Lab File: BG032922.D
Acq: 1 Mar 2018 18:14

Tgt Ion:112 Resp: 434080
Ion Ratio Lower Upper
112 100
64 65.5 56.3 84.5
63 32.9 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: 106.266 ng

RT: 8.01 min Scan# 804

Delta R.T. -0.01 min

Lab File: BG032922.D

Acq: 1 Mar 2018 18:14

Instrument :

BNA_G

ClientSampleId :

PL-01-022818-D

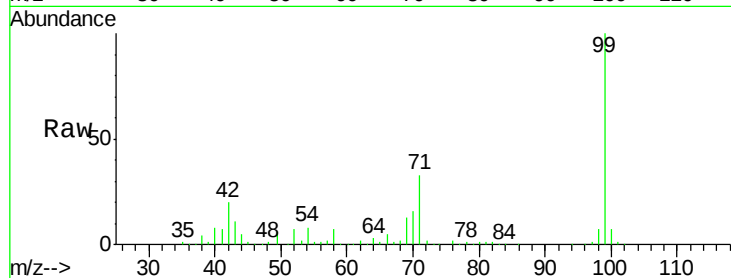
Tot Ion: 99 Resp: 533188

Ion Ratio Lower Upper

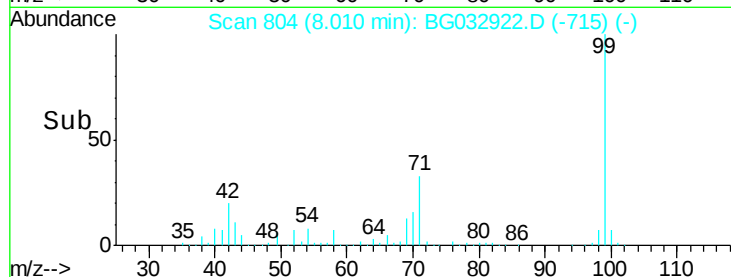
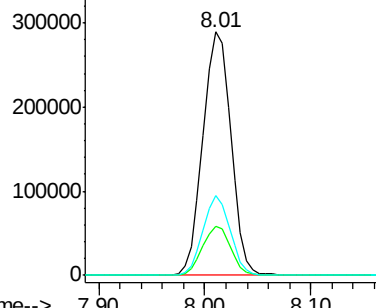
99 100

42 20.4 14.1 21.1

71 32.6 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: BG032922.D

Acq: 1 Mar 2018 18:14

Tgt Ion:136 Resp: 253336

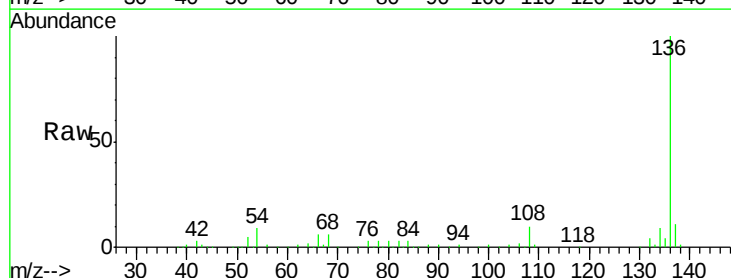
Ion Ratio Lower Upper

136 100

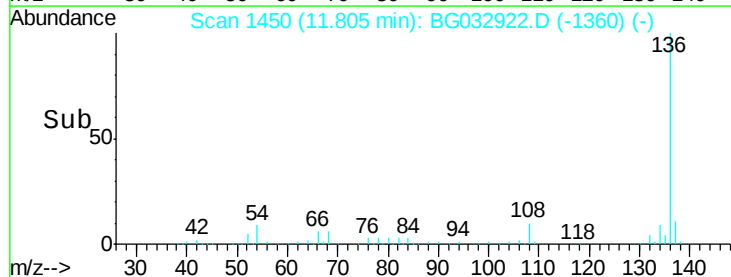
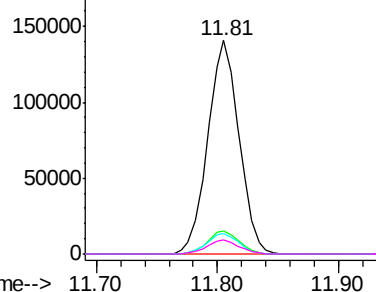
137 10.6 9.2 13.8

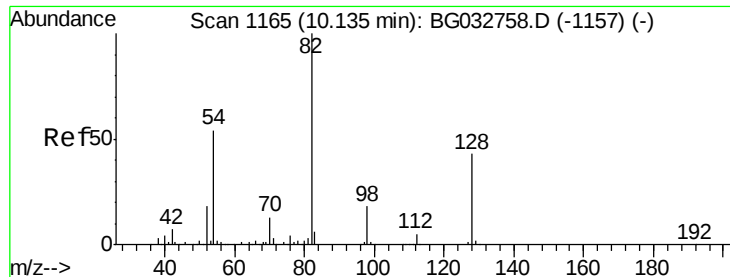
54 9.4 10.3 15.5#

68 6.3 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

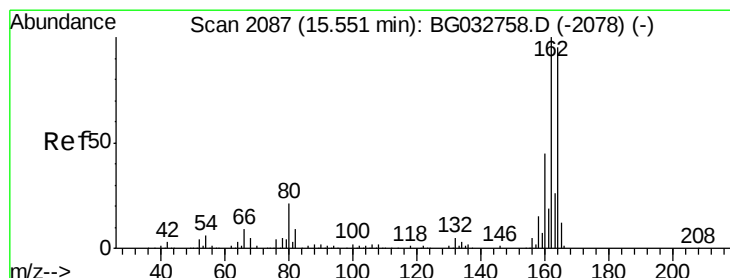
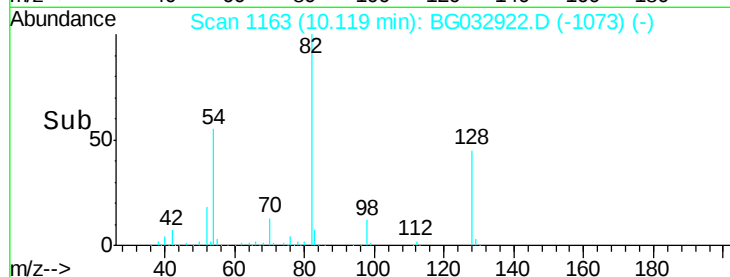
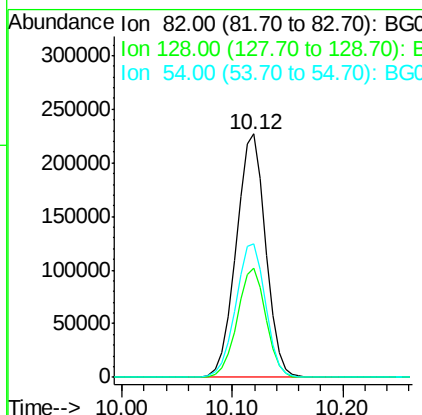
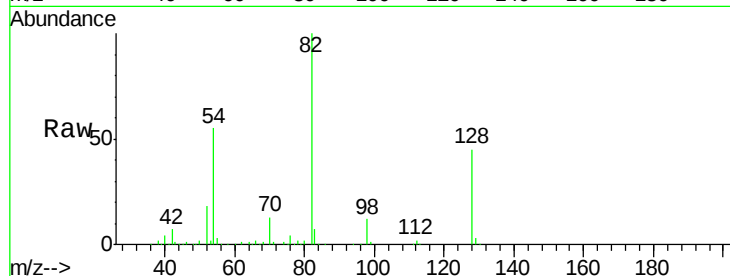




#23
 Nitrobenzene-d5
 Concen: 112.597 ng
 RT: 10.12 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BG032922.D
 Acq: 1 Mar 2018 18:14

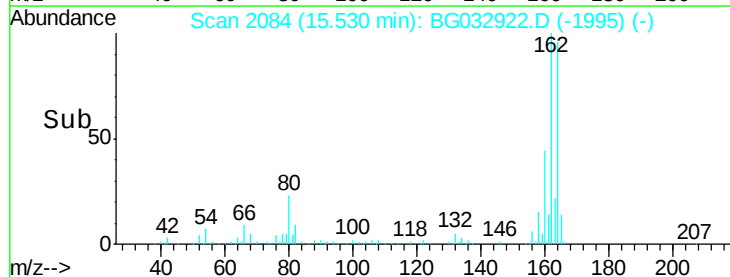
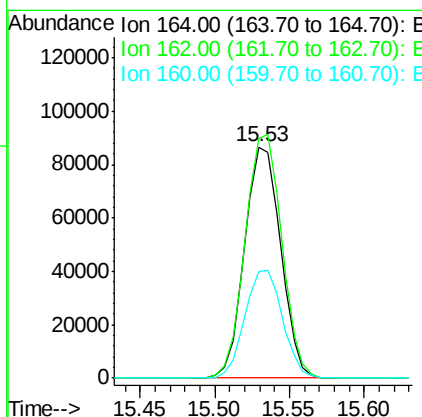
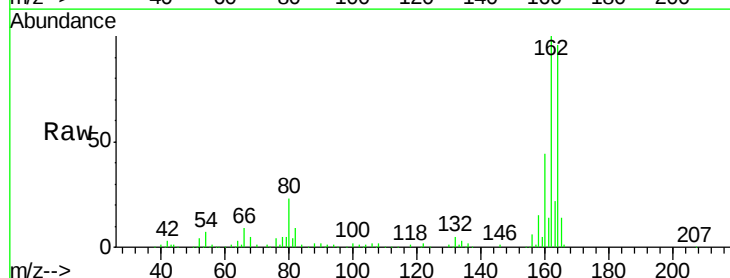
Instrument :
 BNA_G
 ClientSampleId :
 PL-01-022818-D

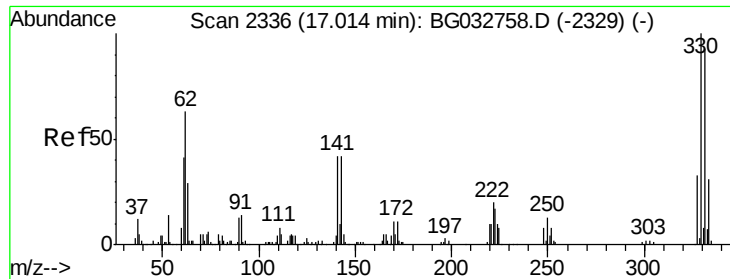
Tot Ion	82	Resp	424348
Ion Ratio	Lower	Upper	
82	100		
128	45.0	29.7	44.5#
54	55.1	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2084
 Delta R.T. -0.01 min
 Lab File: BG032922.D
 Acq: 1 Mar 2018 18:14

Tgt Ion	164	Resp	144642
Ion Ratio	Lower	Upper	
164	100		
162	103.9	78.8	118.2
160	45.9	35.4	53.0

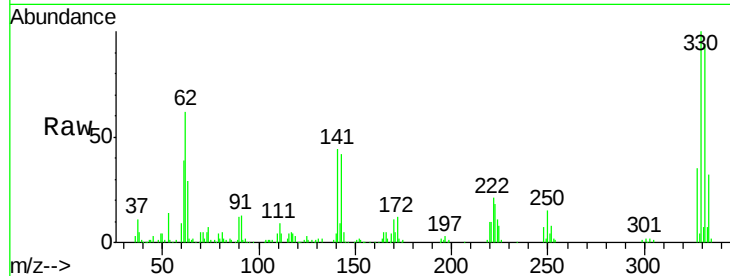




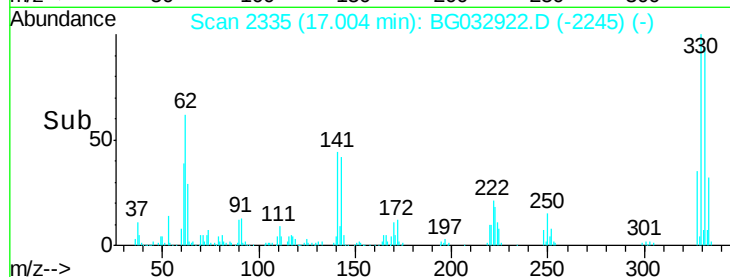
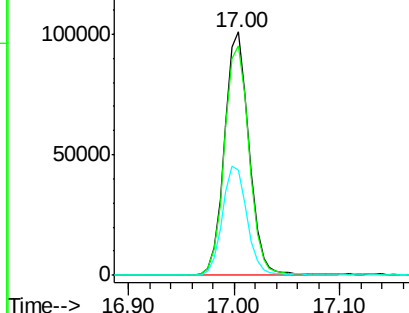
#41
 2,4,6-Tribromophenol
 Concen: 106.914 ng
 RT: 17.00 min Scan# 2335
 Delta R.T. 0.00 min
 Lab File: BG032922.D
 Acq: 1 Mar 2018 18:14

Instrument :
 BNA_G
 ClientSampleId :
 PL-01-022818-D

Tot Ion:330 Resp: 162602
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.0 115.6
 141 45.0 25.2 37.8#

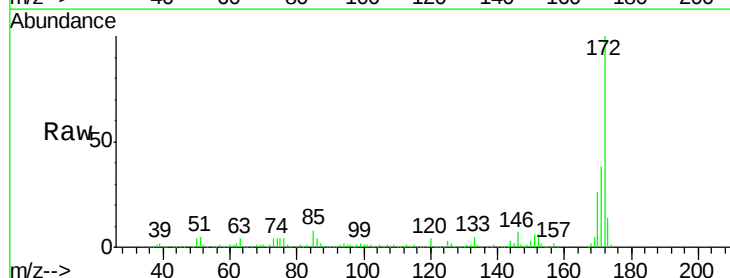


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

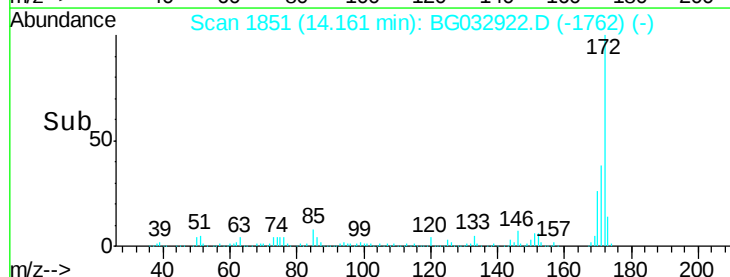
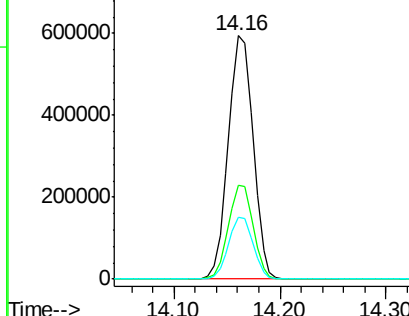


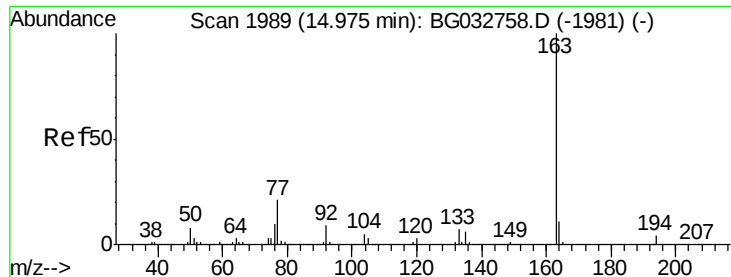
#44
 2-Fluorobiphenyl
 Concen: 96.153 ng
 RT: 14.16 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: BG032922.D
 Acq: 1 Mar 2018 18:14

Tgt Ion:172 Resp: 964312
 Ion Ratio Lower Upper
 172 100
 171 38.5 30.0 45.0
 170 25.5 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





#49

Dimethylphthalate

Concen: 2.479 ng

RT: 14.95 min Scan# 1986

Delta R.T. -0.01 min

Lab File: BG032922.D

Acq: 1 Mar 2018 18:14

Instrument :

BNA_G

ClientSampleId :

PL-01-022818-D

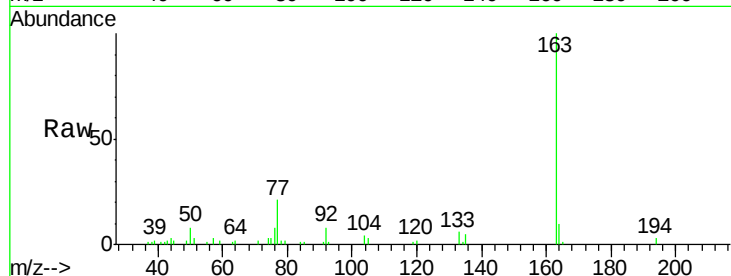
Tot Ion:163 Resp: 30451

Ion Ratio Lower Upper

163 100

194 3.2 3.4 5.2#

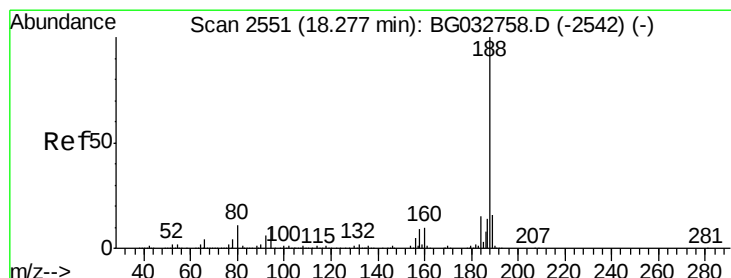
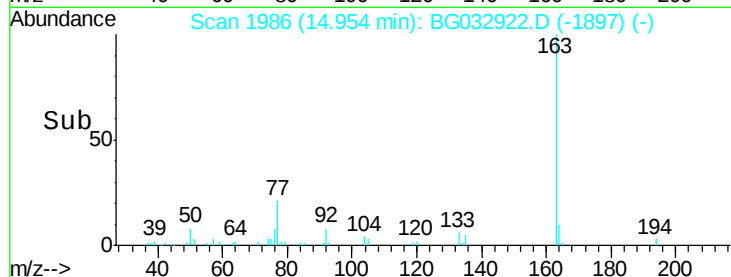
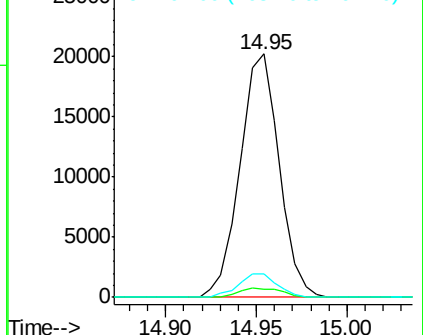
164 9.5 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.26 min Scan# 2549

Delta R.T. 0.00 min

Lab File: BG032922.D

Acq: 1 Mar 2018 18:14

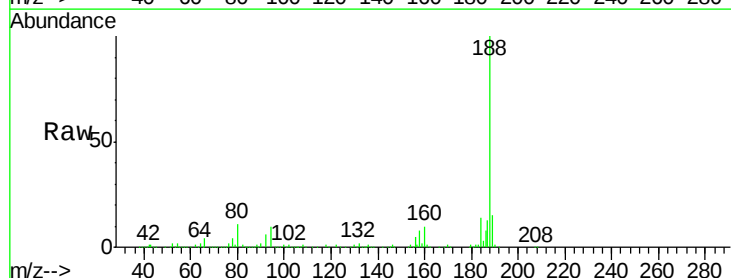
Tgt Ion:188 Resp: 323023

Ion Ratio Lower Upper

188 100

94 10.1 6.9 10.3

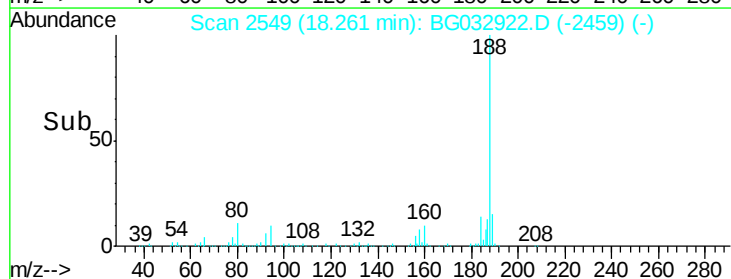
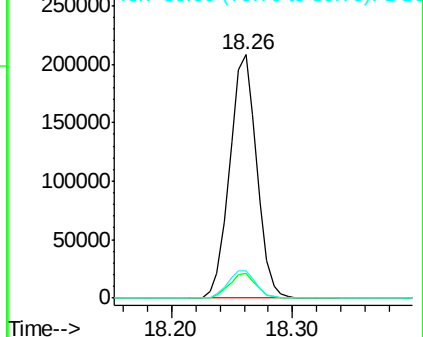
80 11.1 7.7 11.5



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

Chrvsene-d12

Concen: 20.000 ng

RT: 22.61 min Scan# 3290

Delta R.T. -0.01 min

Lab File: BG032922.D

Acq: 1 Mar 2018 18:14

Instrument :

BNA_G

ClientSampleId :

PL-01-022818-D

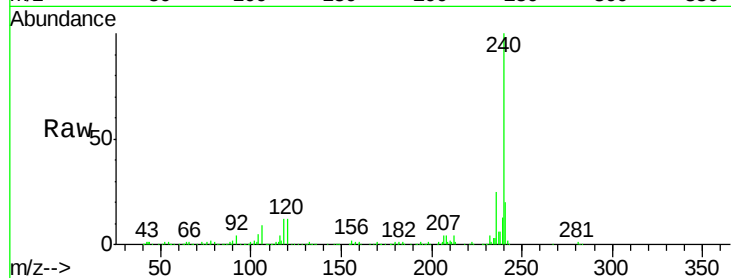
Tot Ion:240 Resp: 301495

Ion Ratio Lower Upper

240 100

120 12.1 6.8 10.2#

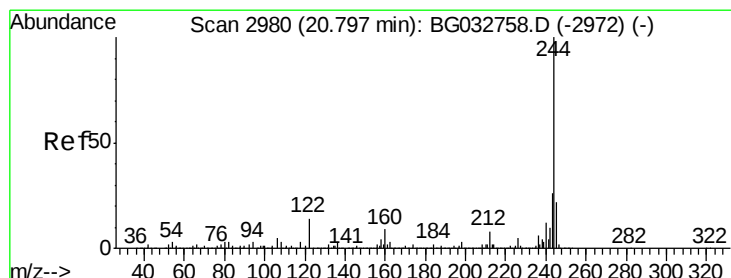
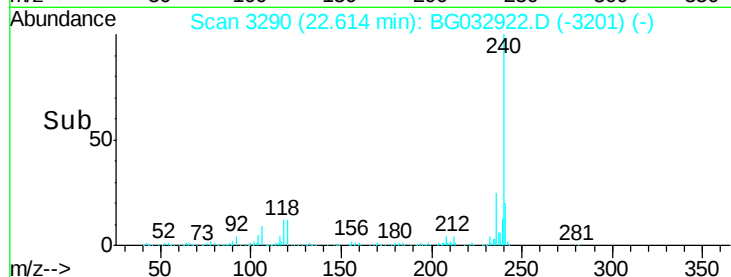
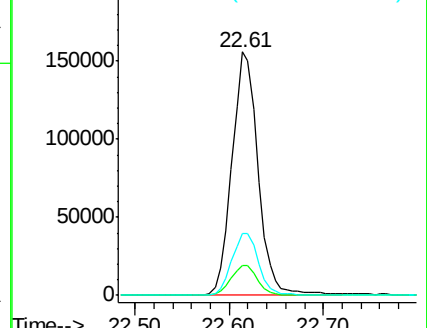
236 25.4 20.9 31.3



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: 99.761 ng

RT: 20.78 min Scan# 2978

Delta R.T. 0.01 min

Lab File: BG032922.D

Acq: 1 Mar 2018 18:14

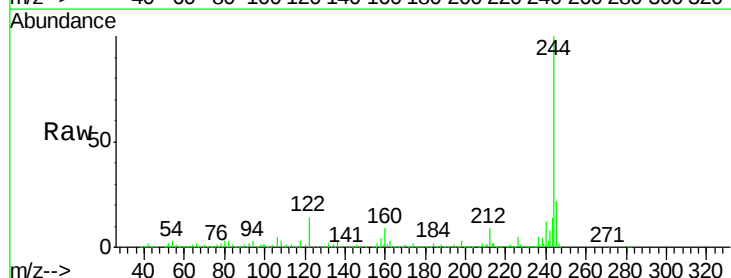
Tgt Ion:244 Resp: 1338717

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

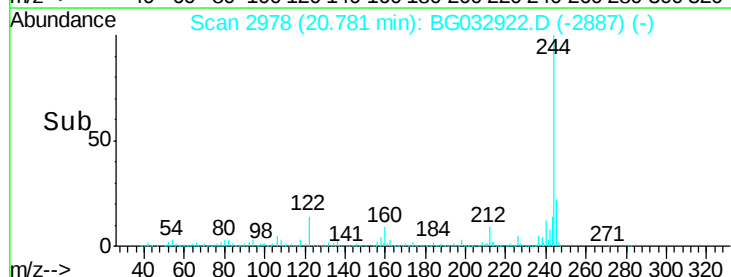
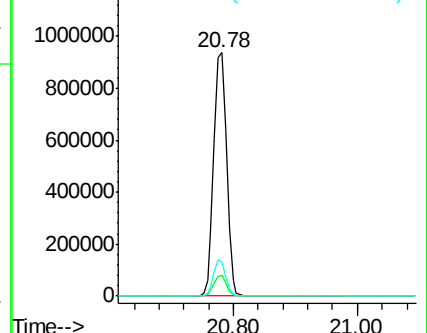
122 13.7 7.0 10.4#

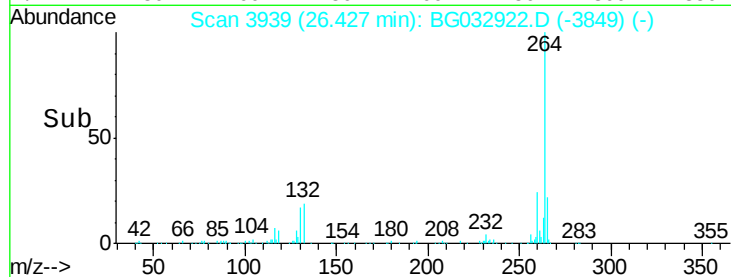
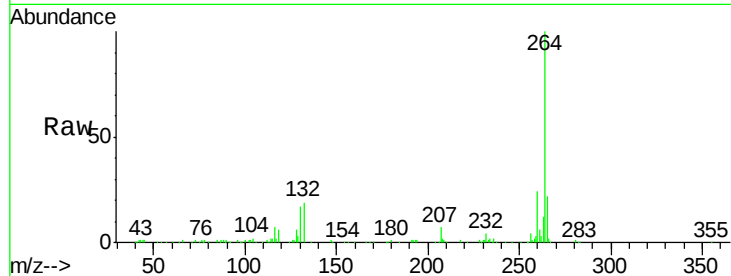
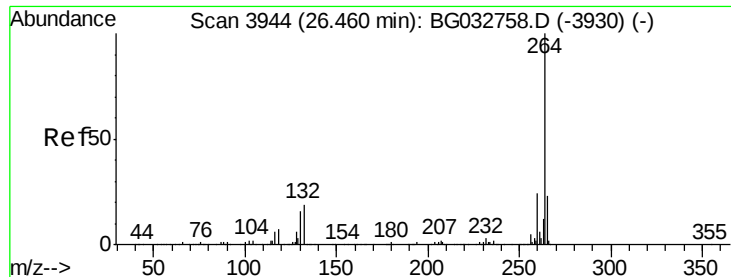


Abundance Ion 244.00 (243.70 to 244.70): E

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: 26.43 min Scan# 3939
Delta R.T. 0.00 min
Lab File: BG032922.D
Acq: 1 Mar 2018 18:14

Instrument :
BNA_G
ClientSampleId :
PL-01-022818-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	21.9	17.7	26.5

