

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
 Data File : BG032553.D
 Acq On : 6 Feb 2018 3:10
 Operator : SJ/JU
 Sample : J1453-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P-3

Quant Time: Feb 06 06:57:14 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	24407	20.00	ng	-0.01
21) Naphthalene-d8	11.59	136	98218	20.00	ng	-0.01
38) Acenaphthene-d10	15.34	164	69335	20.00	ng	-0.01
63) Phenanthrene-d10	18.07	188	183144	20.00	ng	-0.02
75) Chrysene-d12	22.40	240	249604	20.00	ng	-0.02
86) Perylene-d12	26.07	264	298127	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	138339	113.85	ng	0.00
7) Phenol-d6	7.83	99	146849	90.56	ng	0.00
23) Nitrobenzene-d5	9.91	82	133514	84.91	ng	-0.01
41) 2,4,6-Tribromophenol	16.82	330	203855	154.46	ng	-0.02
44) 2-Fluorobiphenyl	13.97	172	506412	86.81	ng	-0.02
78) Terphenyl-d14	20.61	244	1180872	101.34	ng	-0.01

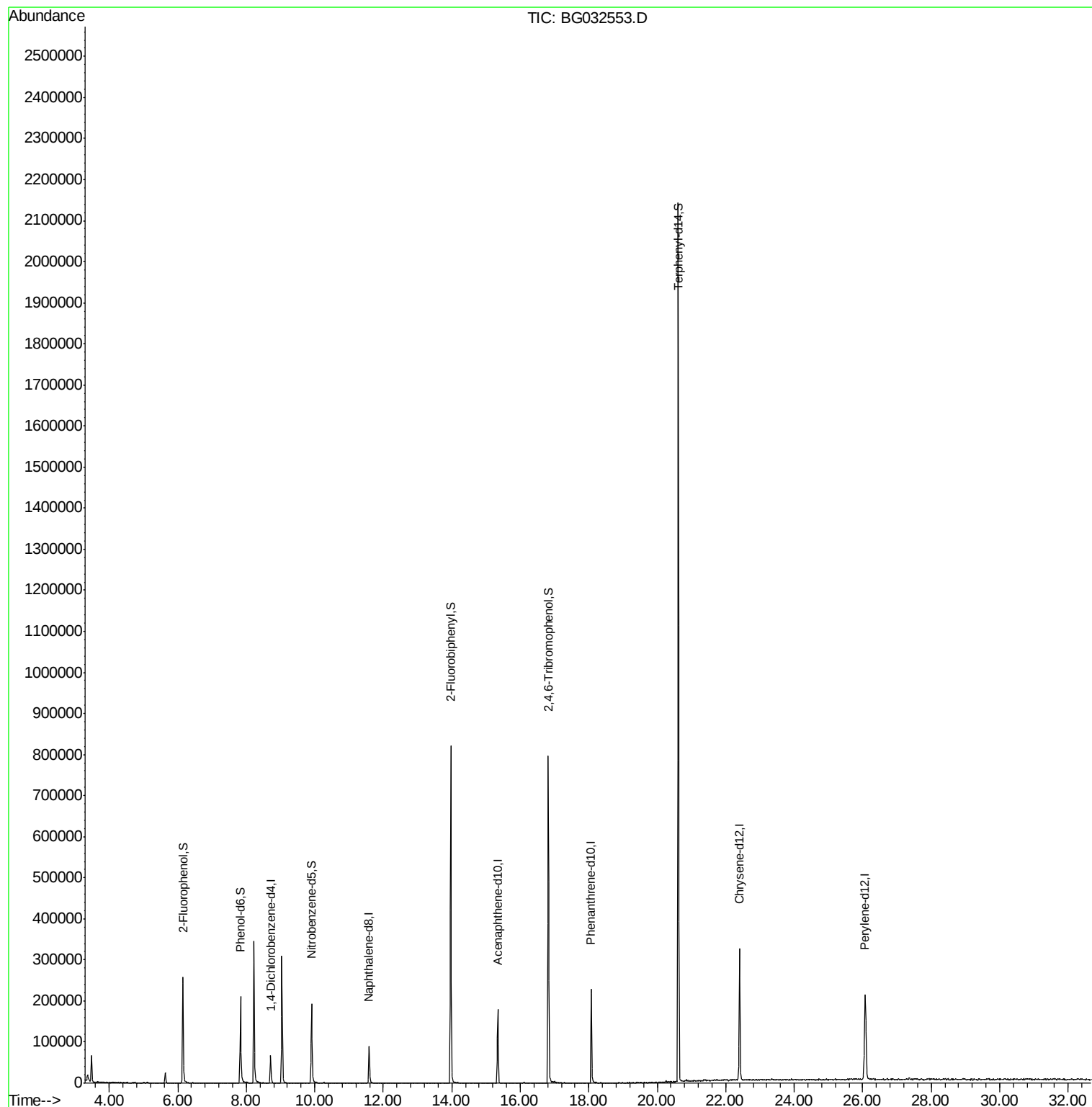
Target Compounds	Qvalue
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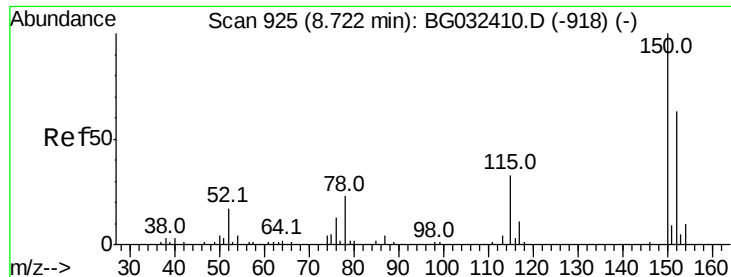
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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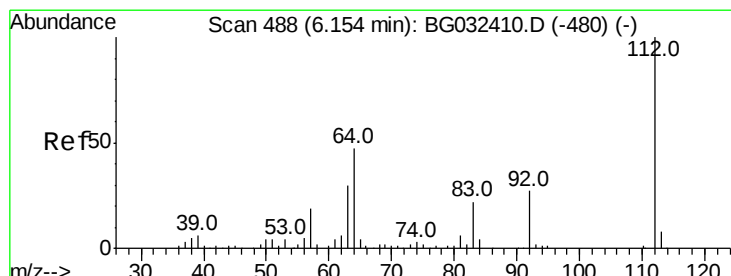
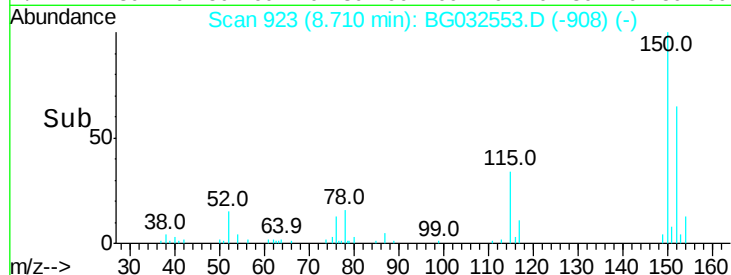
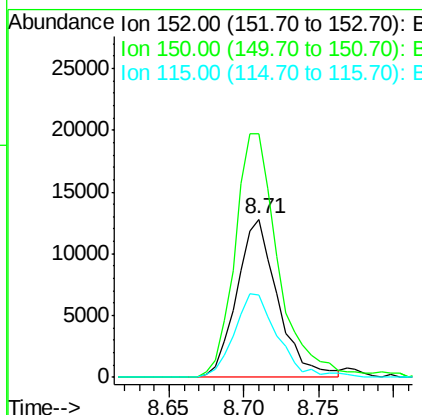
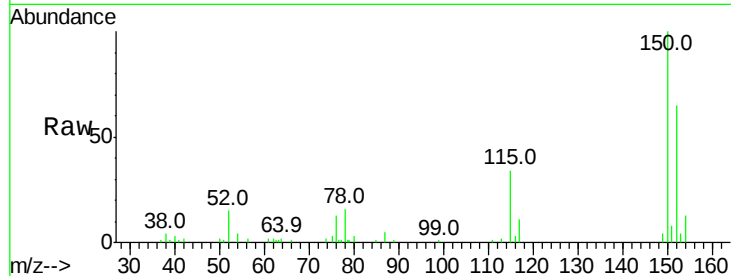


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.71 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG032553.D
 Acq: 6 Feb 2018 3:10

Instrument :
 BNA_G
 ClientSampled :
 P-3

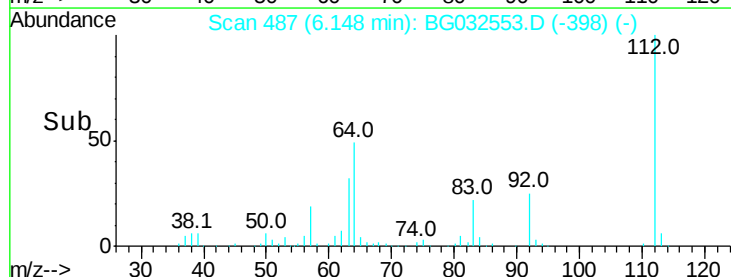
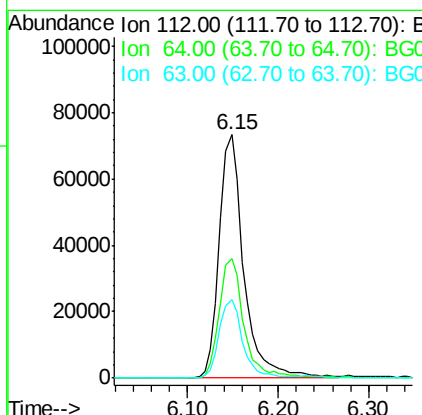
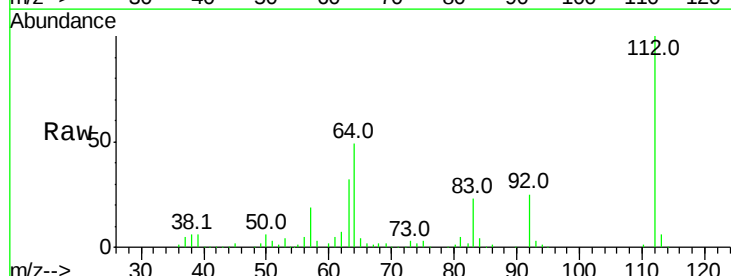
Tot Ion:152 Resp: 24407
 Ion Ratio Lower Upper
 152 100
 150 153.9 126.6 189.8
 115 52.0 53.0 79.4#

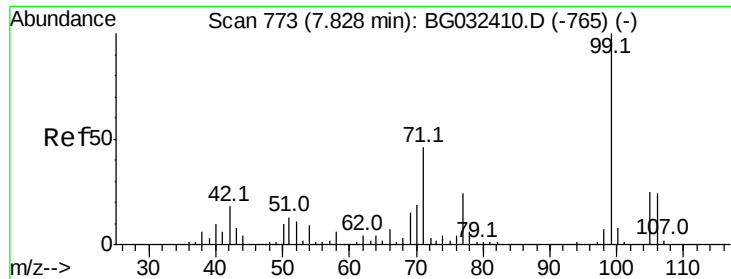


#5

2-Fluorophenol
 Concen: 113.845 ng
 RT: 6.15 min Scan# 487
 Delta R.T. -0.01 min
 Lab File: BG032553.D
 Acq: 6 Feb 2018 3:10

Tgt Ion:112 Resp: 138339
 Ion Ratio Lower Upper
 112 100
 64 49.1 56.3 84.5#
 63 32.2 30.1 45.1





#7

Phenol-d6

Concen: 90.563 ng

RT: 7.83 min Scan# 773

Delta R.T. 0.00 min

Lab File: BG032553.D

Acq: 6 Feb 2018 3:10

Instrument :

BNA_G

ClientSampleId :

P-3

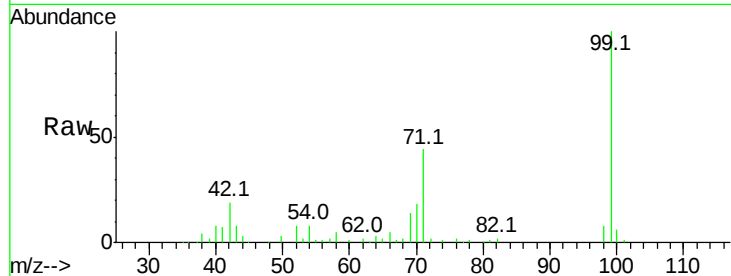
Tot Ion: 99 Resp: 146849

Ion Ratio Lower Upper

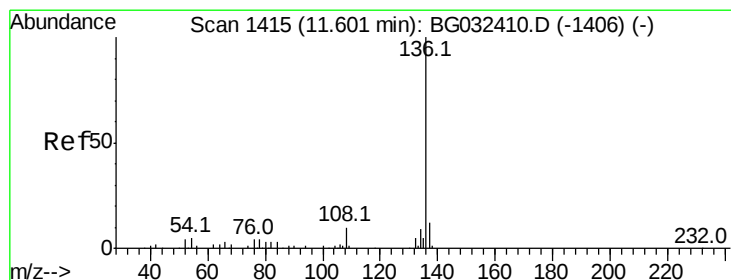
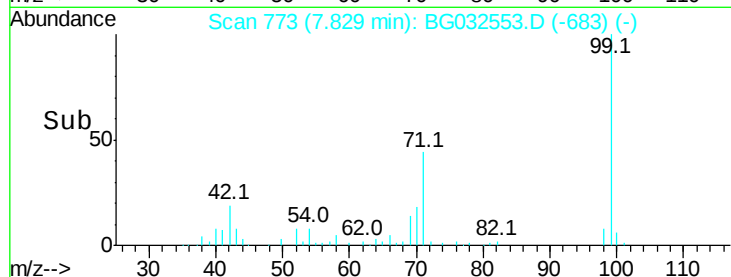
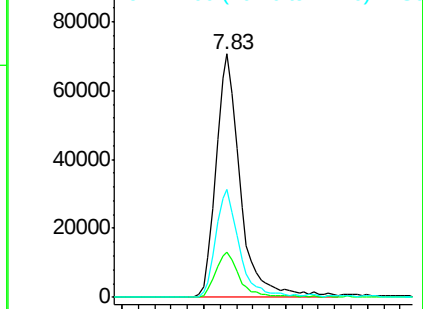
99 100

42 18.5 14.1 21.1

71 44.3 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: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032553.D

Acq: 6 Feb 2018 3:10

Tgt Ion: 136 Resp: 98218

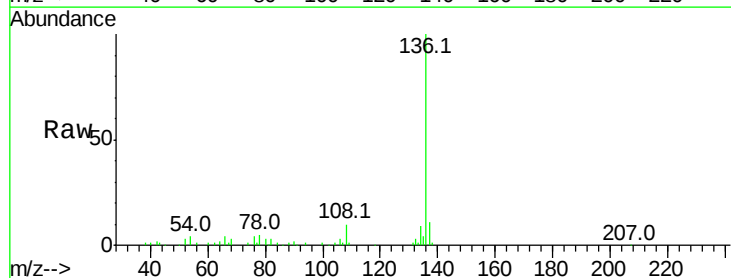
Ion Ratio Lower Upper

136 100

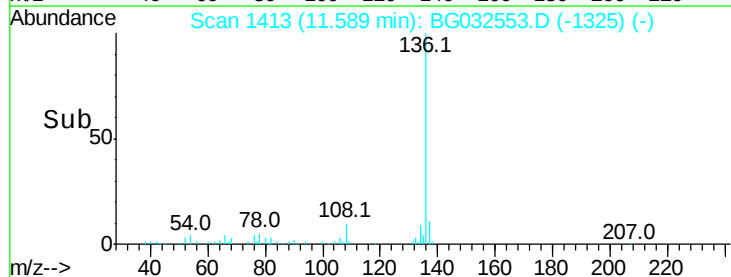
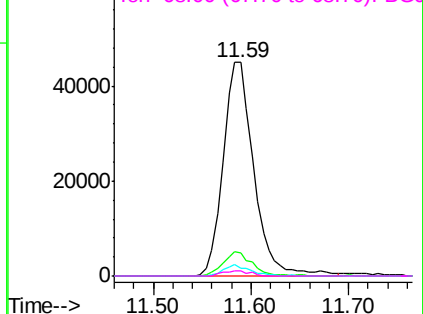
137 10.8 9.2 13.8

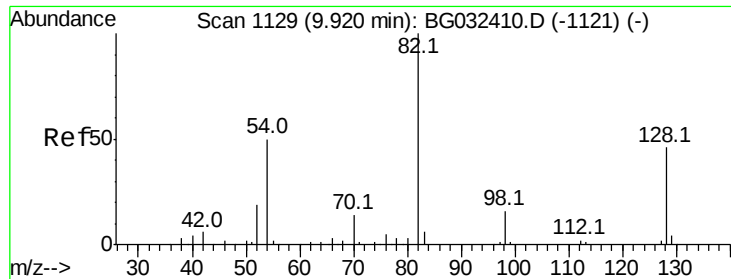
54 3.9 10.3 15.5#

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

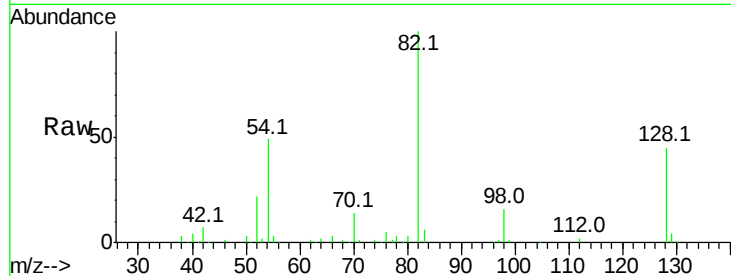




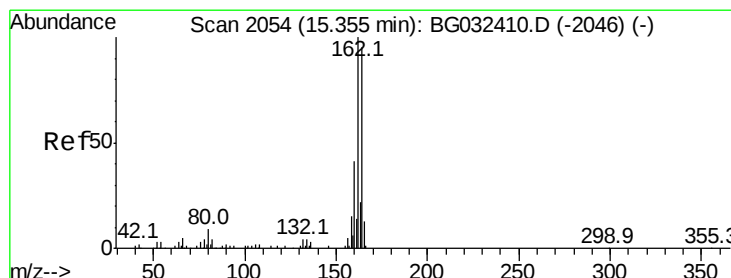
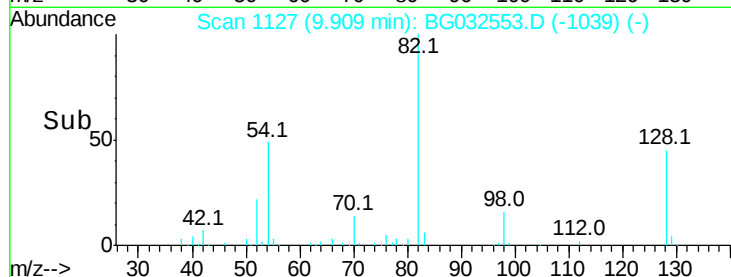
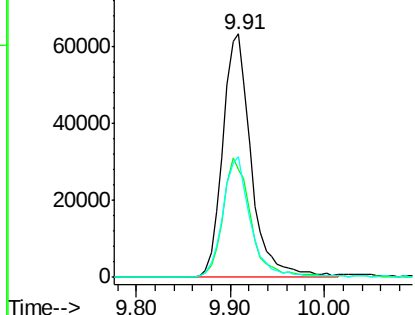
#23
Nitrobenzene-d5
Concen: 84.906 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032553.D
Acq: 6 Feb 2018 3:10

Instrument :
BNA_G
ClientSampleId :
P-3

Tot Ion: 82 Resp: 133514
Ion Ratio Lower Upper
82 100
128 44.6 29.7 44.5#
54 49.4 43.1 64.7

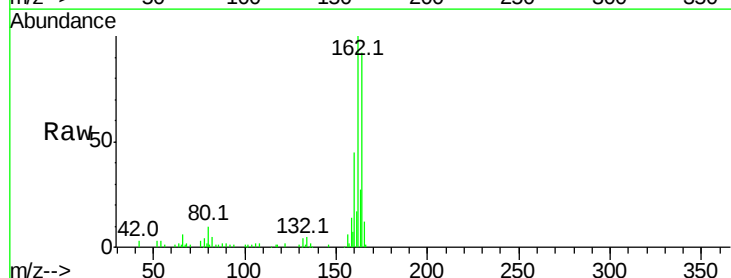


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

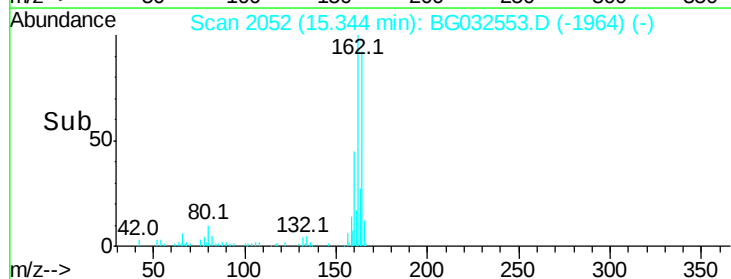
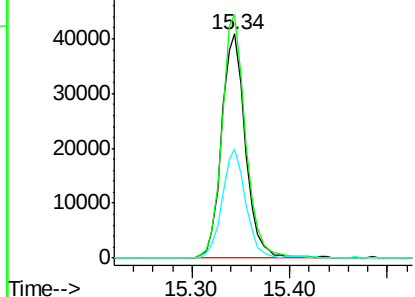


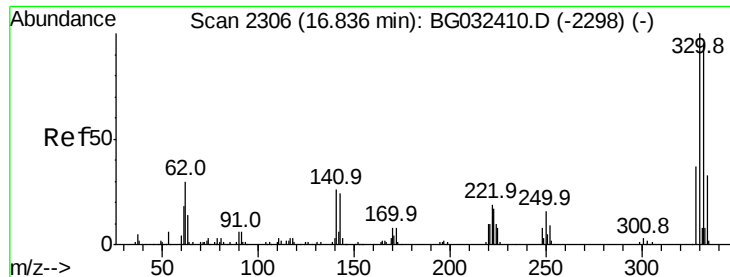
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.34 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032553.D
Acq: 6 Feb 2018 3:10

Tgt Ion:164 Resp: 69335
Ion Ratio Lower Upper
164 100
162 108.6 78.8 118.2
160 48.6 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

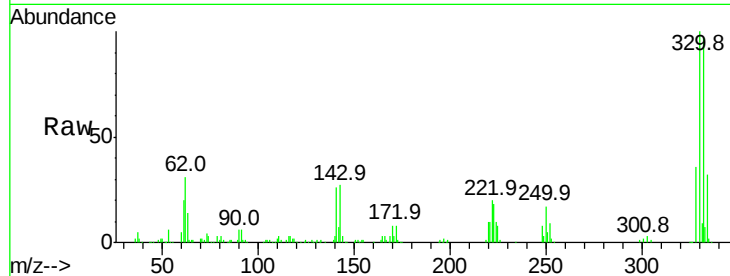




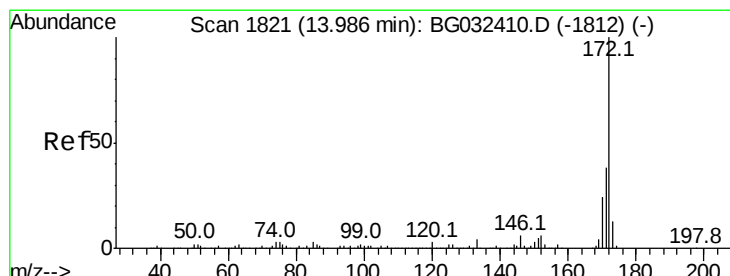
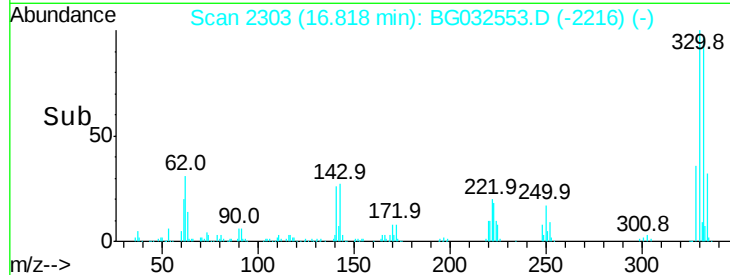
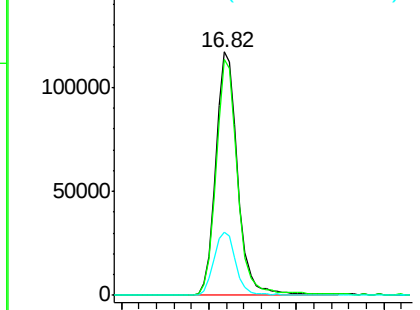
#41
 2,4,6-Tribromophenol
 Concen: 154.460 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.02 min
 Lab File: BG032553.D
 Acq: 6 Feb 2018 3:10

Instrument :
 BNA_G
 ClientSampleId :
 P-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.3	77.0	115.6
141	26.3	25.2	37.8

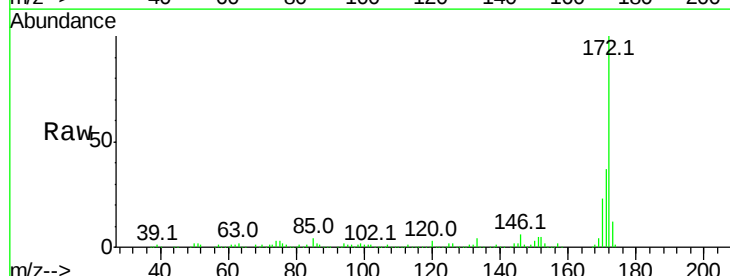


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

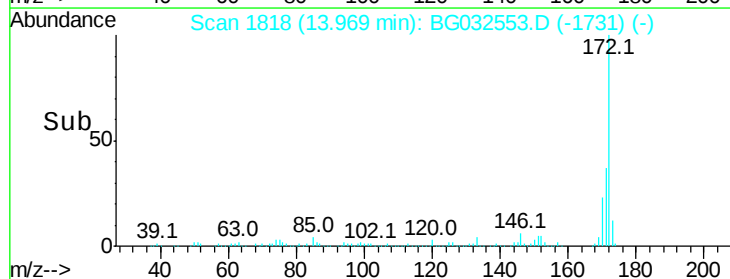
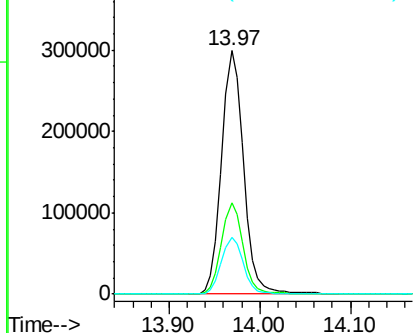


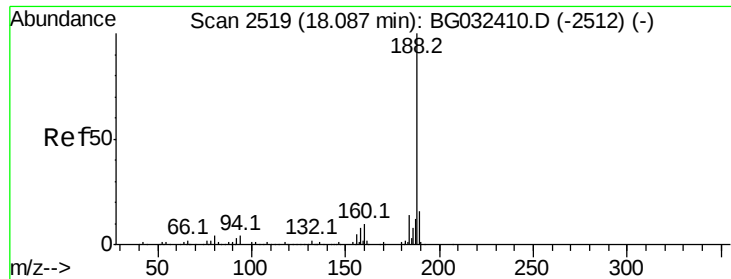
#44
 2-Fluorobiphenyl
 Concen: 86.811 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BG032553.D
 Acq: 6 Feb 2018 3:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	23.1	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

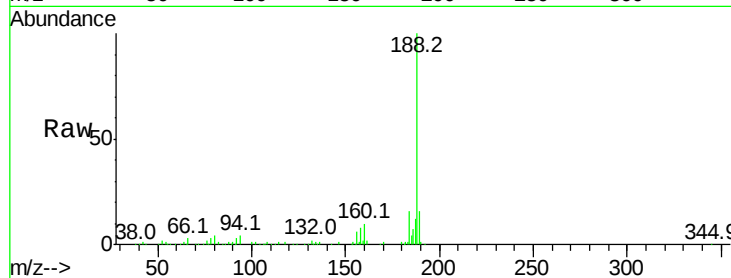




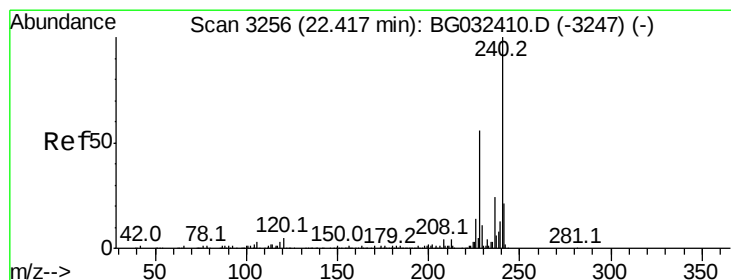
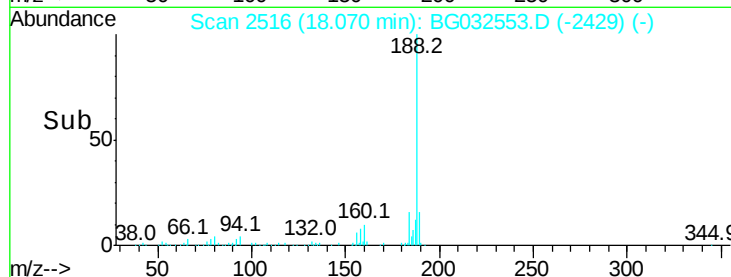
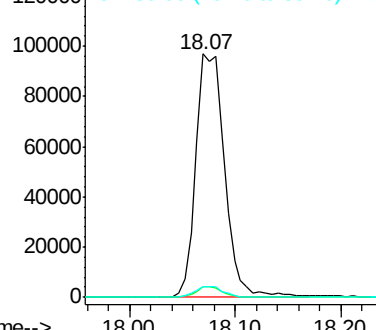
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.07 min Scan# 2516
Delta R.T. -0.02 min
Lab File: BG032553.D
Acq: 6 Feb 2018 3:10

Instrument :
BNA_G
ClientSampleId :
P-3

Tot Ion:188 Resp: 183144
Ion Ratio Lower Upper
188 100
94 4.1 6.9 10.3#
80 4.3 7.7 11.5#

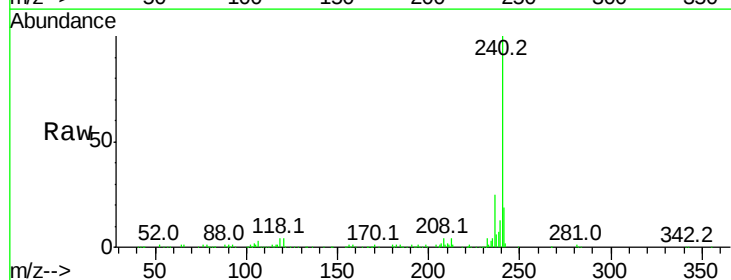


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

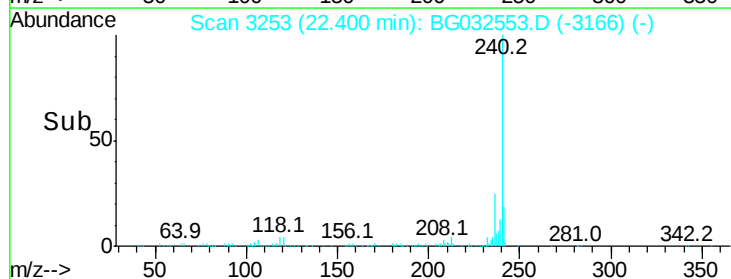
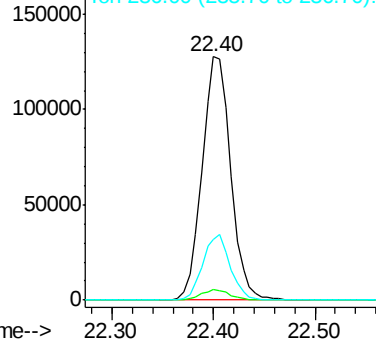


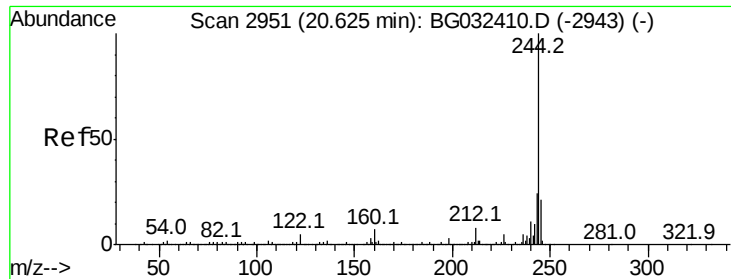
#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.40 min Scan# 3253
Delta R.T. -0.02 min
Lab File: BG032553.D
Acq: 6 Feb 2018 3:10

Tgt Ion:240 Resp: 249604
Ion Ratio Lower Upper
240 100
120 4.3 6.8 10.2#
236 25.1 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: 101.341 ng

RT: 20.61 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032553.D

Acq: 6 Feb 2018 3:10

Instrument :

BNA_G

ClientSampleId :

P-3

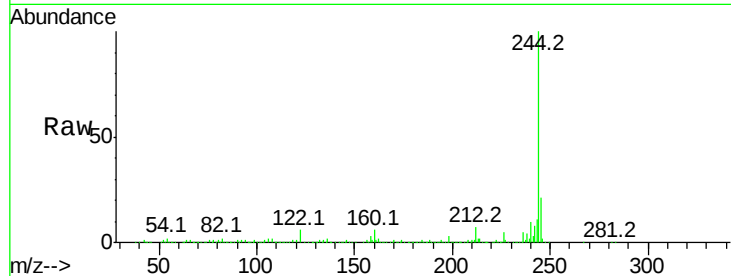
Tot Ion:244 Resp: 1180872

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

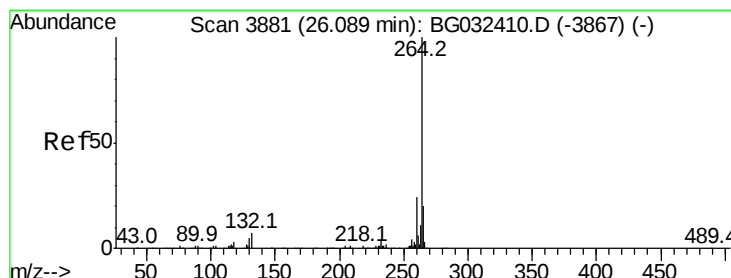
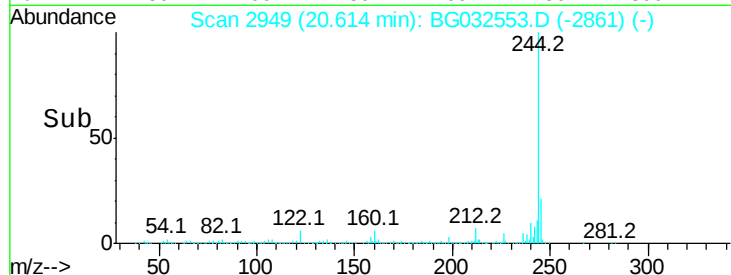
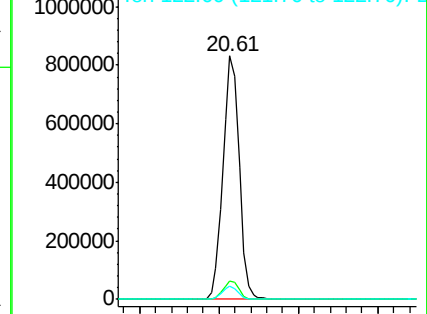
122 5.6 7.0 10.4#



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: 26.07 min Scan# 3877

Delta R.T. -0.02 min

Lab File: BG032553.D

Acq: 6 Feb 2018 3:10

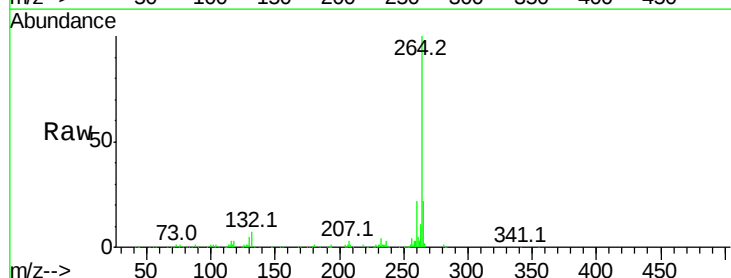
Tgt Ion:264 Resp: 298127

Ion Ratio Lower Upper

264 100

260 22.3 17.4 26.0

265 21.5 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

