

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062718\
 Data File : BG035459.D
 Acq On : 28 Jun 2018 00:04
 Operator : JU/SJ
 Sample : J3694-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PZ-3

Quant Time: Jun 28 01:04:21 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 08 17:16:28 2018
 Response via : Initial Calibration

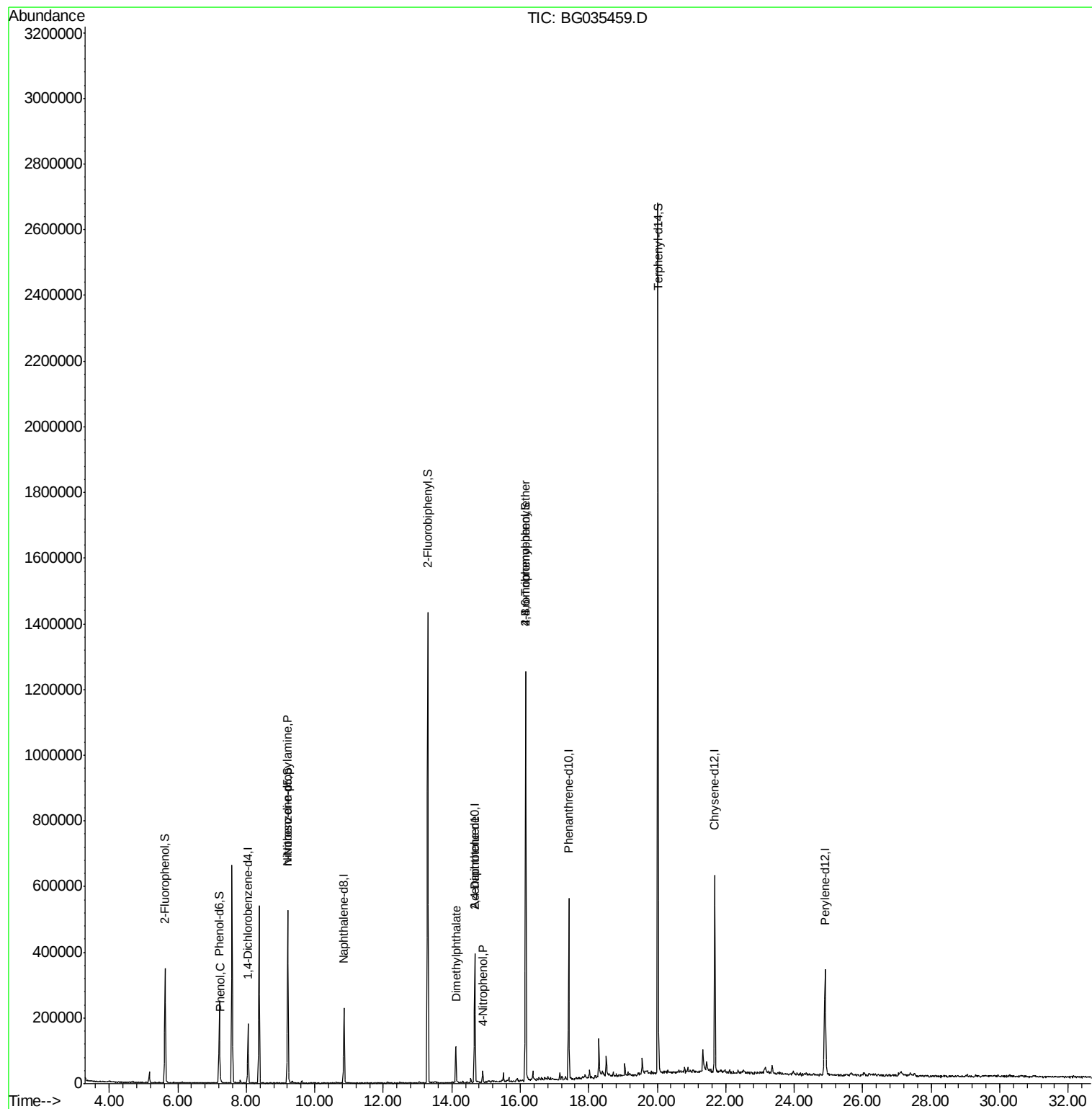
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	51720	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	194468	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	135428	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	349396	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	378121	20.00	ng	-0.04
86) Perylene-d12	24.90	264	370635	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	163981	53.51	ng	-0.01
7) Phenol-d6	7.21	99	150491	33.27	ng	-0.01
23) Nitrobenzene-d5	9.21	82	353920	86.51	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	234989	135.55	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	763340	73.27	ng	-0.03
78) Terphenyl-d14	20.02	244	1313946	72.79	ng	-0.02
Target Compounds						
10) Phenol	7.24	94	10425	2.227	ng	88
19) n-Nitroso-di-n-propylamine	9.21	70	47819	12.443	ng	# 66
49) Dimethylphthalate	14.12	163	75074	6.357	ng	# 98
55) 4-Nitrophenol	14.91	139	9236	5.176	ng	# 3
56) 2,4-Dinitrotoluene	14.67	165	18886	6.599	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	18329	4.356	ng	# 1

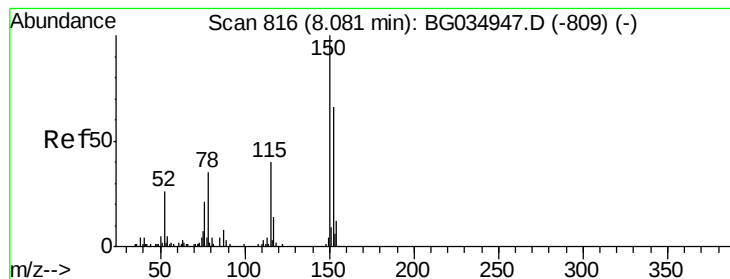
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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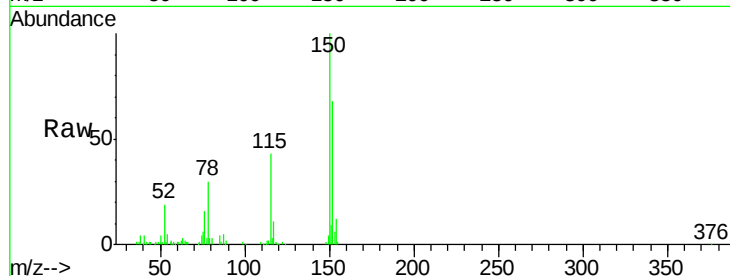


#1

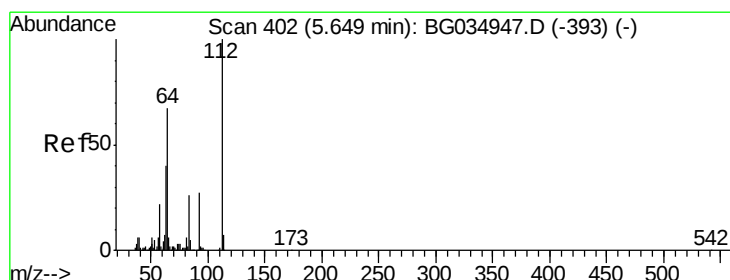
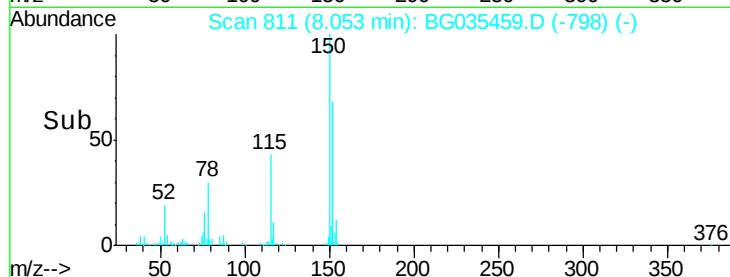
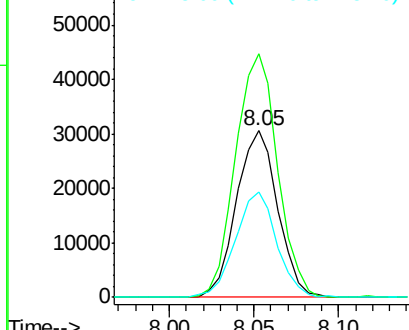
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035459.D
Acq: 28 Jun 2018 00:04

Instrument :
BNA_G
ClientSampleId :
PZ-3

Tgt Ion:152 Resp: 51720
Ion Ratio Lower Upper
152 100
150 146.4 126.6 189.8
115 63.5 53.0 79.4



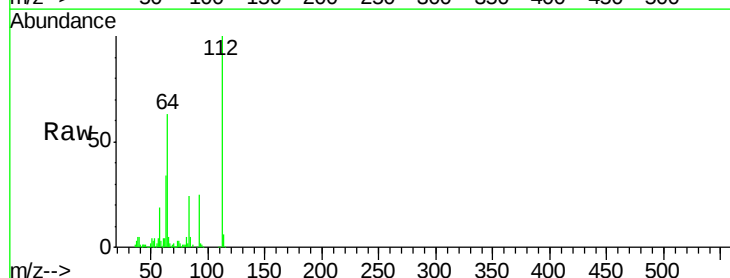
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



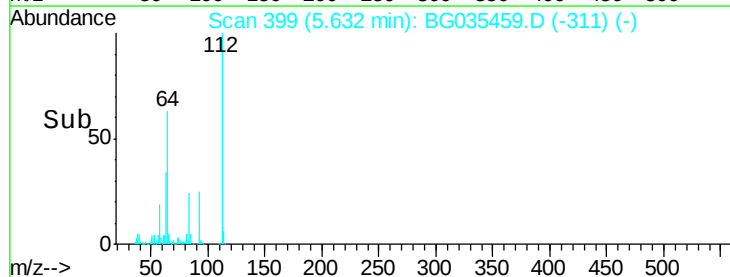
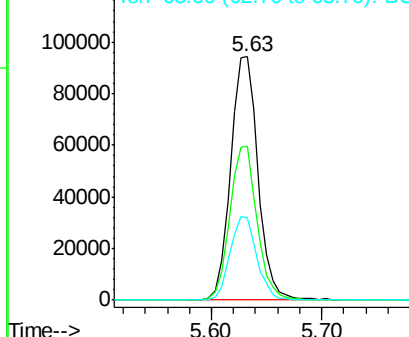
#5

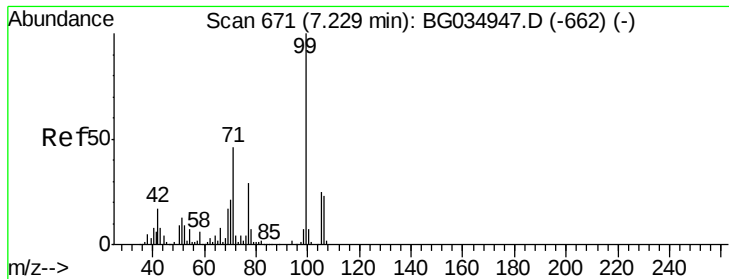
2-Fluorophenol
Concen: 53.506 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035459.D
Acq: 28 Jun 2018 00:04

Tgt Ion:112 Resp: 163981
Ion Ratio Lower Upper
112 100
64 63.3 56.3 84.5
63 33.6 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: 33.270 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035459.D

Acq: 28 Jun 2018 00:04

Instrument :

BNA_G

ClientSampleId :

PZ-3

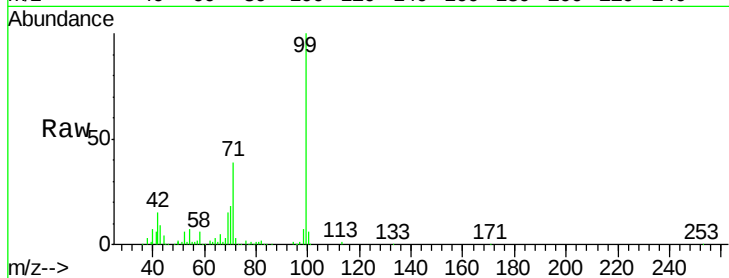
Tgt Ion: 99 Resp: 150491

Ion Ratio Lower Upper

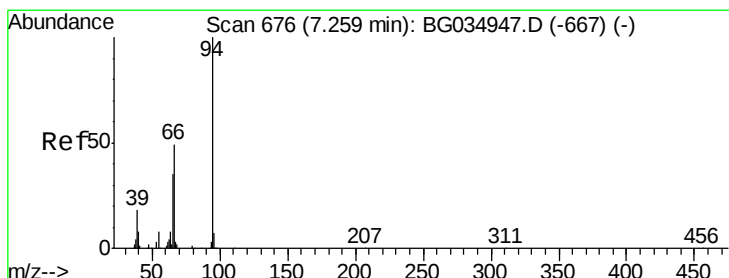
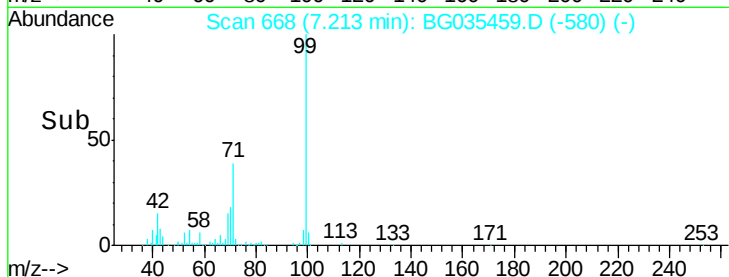
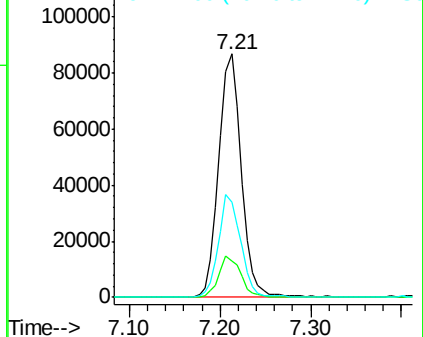
99 100

42 15.1 14.1 21.1

71 39.3 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



#10

Phenol

Concen: 2.227 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG035459.D

Acq: 28 Jun 2018 00:04

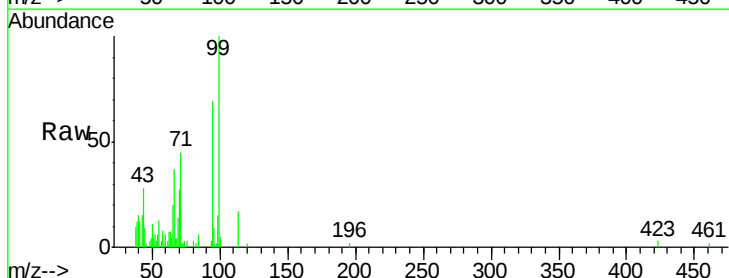
Tgt Ion: 94 Resp: 10425

Ion Ratio Lower Upper

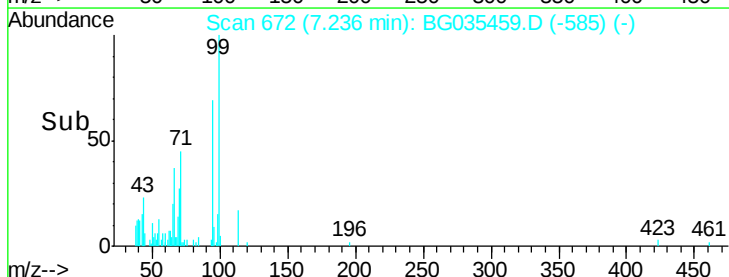
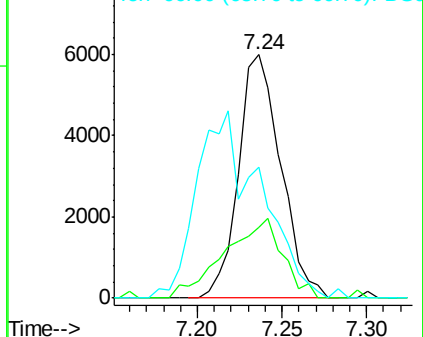
94 100

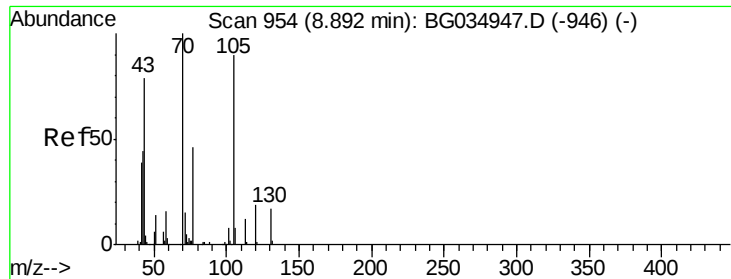
65 29.1 11.9 51.9

66 53.6 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

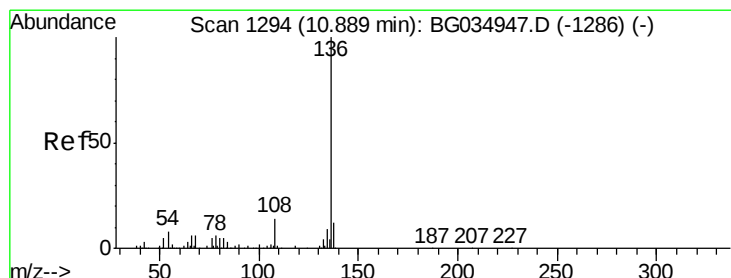
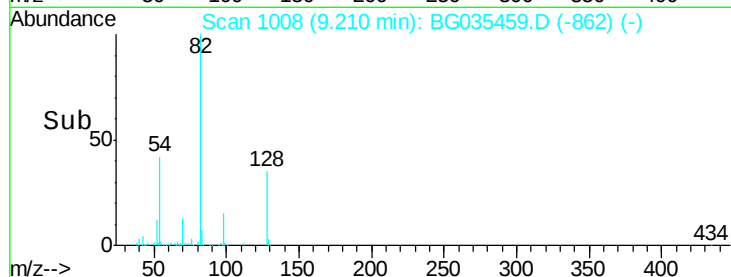
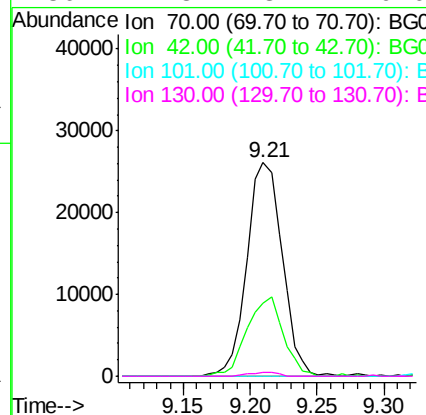
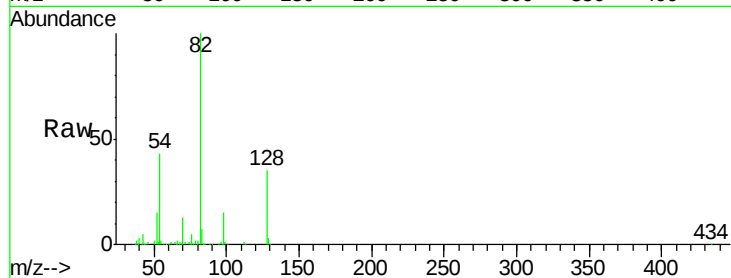




#19
n-Nitroso-di-n-propylamine
Concen: 12.443 ng
RT: 9.21 min Scan# 1008
Delta R.T. 0.33 min
Lab File: BG035459.D
Acq: 28 Jun 2018 00:04

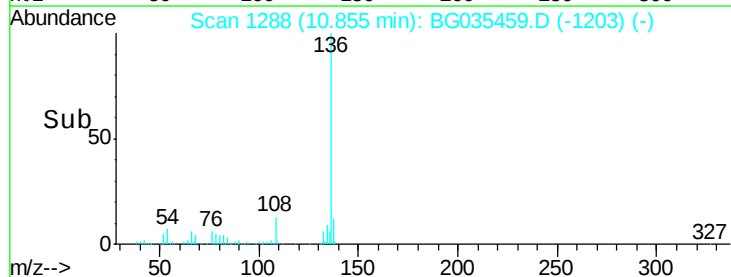
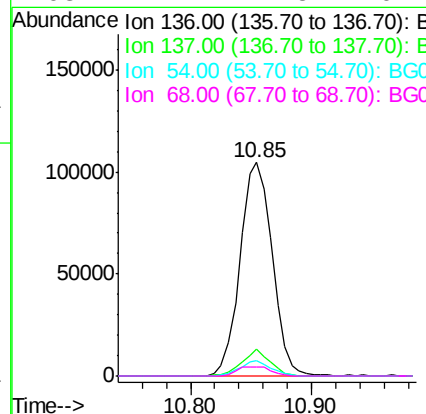
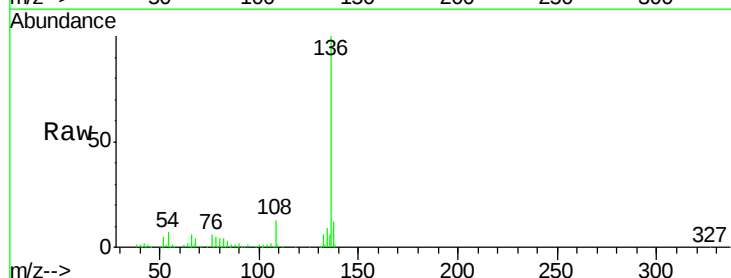
Instrument :
BNA_G
ClientSampleId :
PZ-3

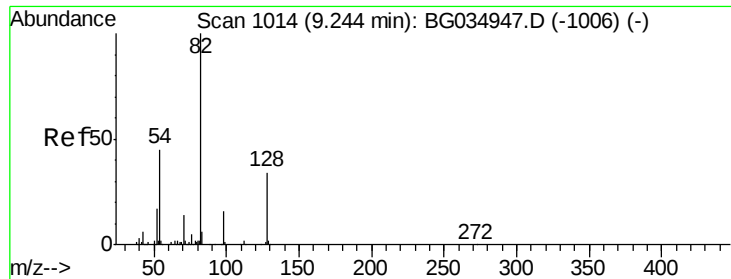
Tgt Ion: 70 Resp: 47819
Ion Ratio Lower Upper
70 100
42 34.2 49.1 73.7#
101 0.0 8.5 12.7#
130 1.8 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035459.D
Acq: 28 Jun 2018 00:04

Tgt Ion: 136 Resp: 194468
Ion Ratio Lower Upper
136 100
137 12.4 9.2 13.8
54 7.1 10.3 15.5#
68 4.4 4.5 6.7#

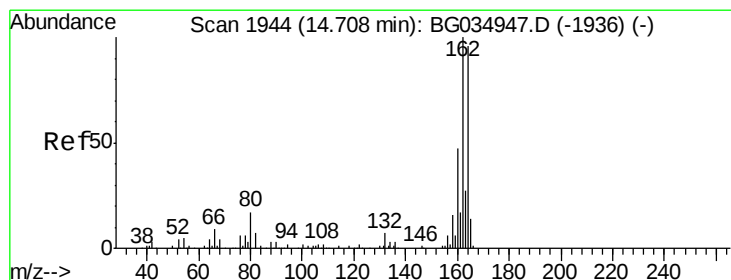
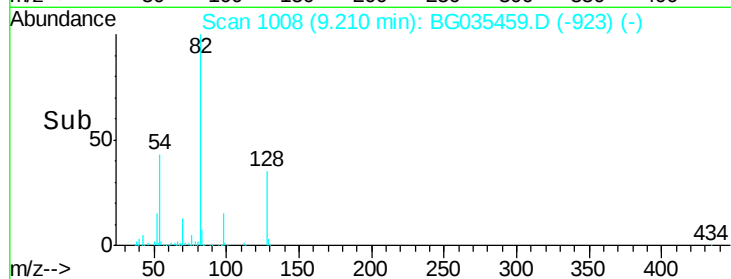
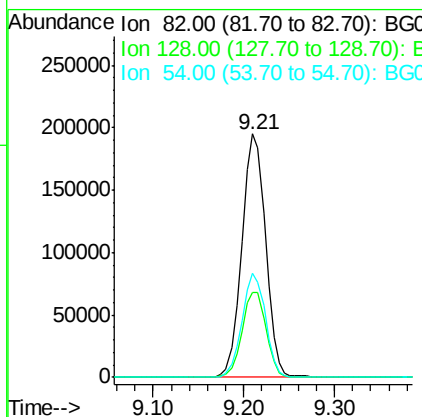
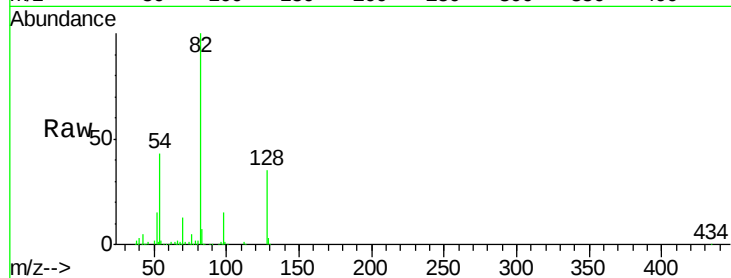




#23
 Nitrobenzene-d5
 Concen: 86.510 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.03 min
 Lab File: BG035459.D
 Acq: 28 Jun 2018 00:04

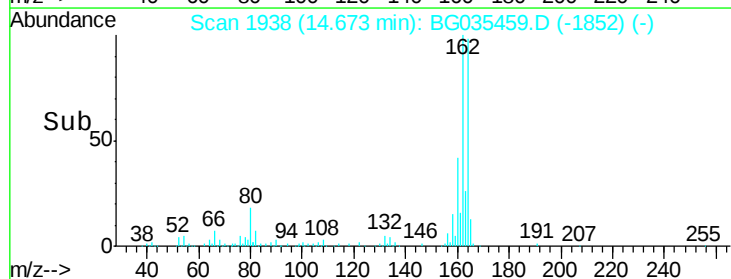
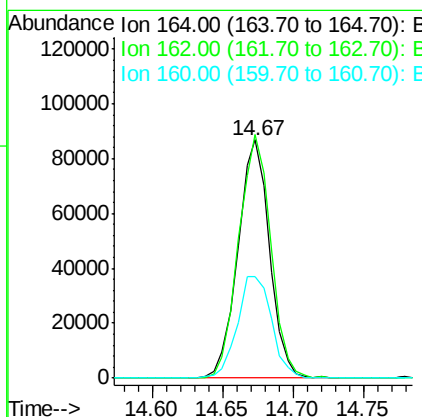
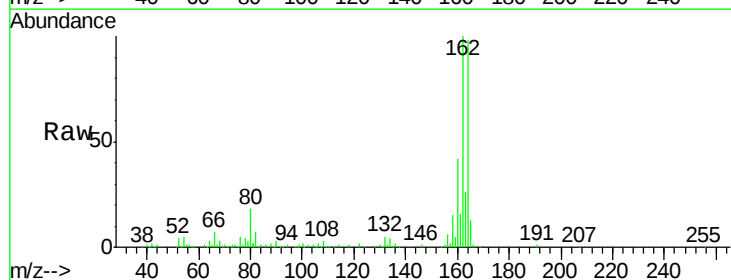
Instrument :
 BNA_G
 ClientSampled :
 PZ-3

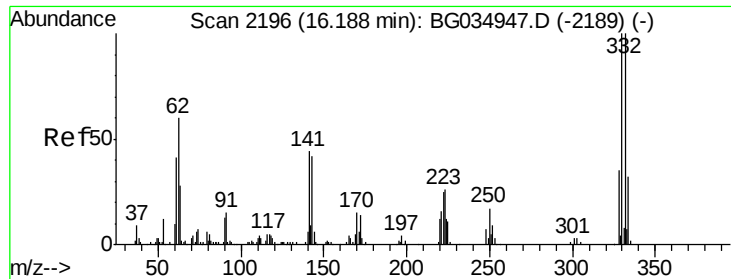
Tgt Ion: 82 Resp: 353920
 Ion Ratio Lower Upper
 82 100
 128 34.7 29.7 44.5
 54 42.7 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035459.D
 Acq: 28 Jun 2018 00:04

Tgt Ion: 164 Resp: 135428
 Ion Ratio Lower Upper
 164 100
 162 102.3 78.8 118.2
 160 42.7 35.4 53.0

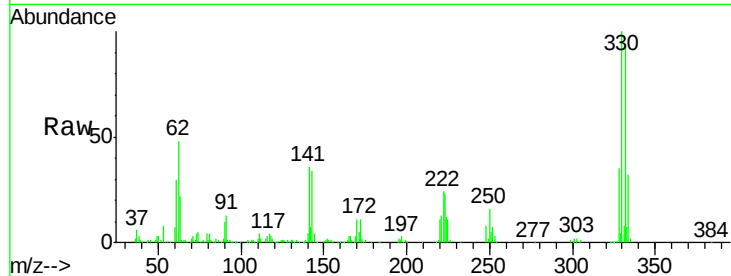




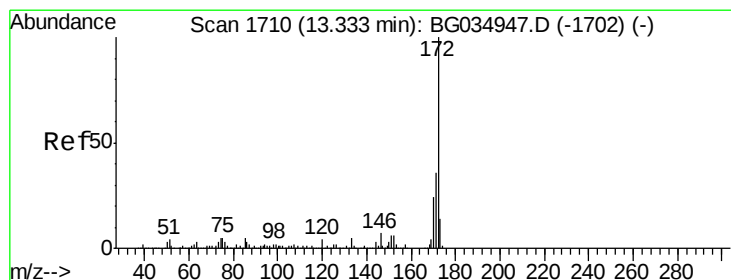
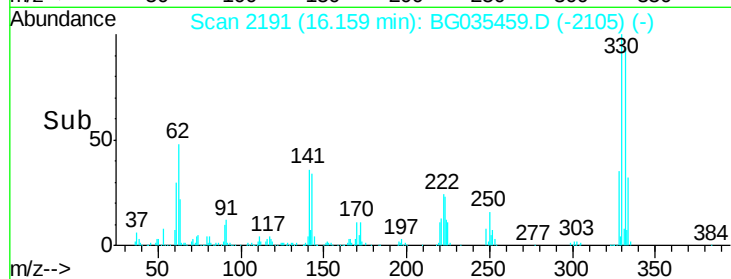
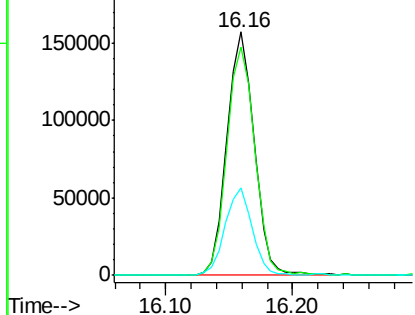
#41
 2,4,6-Tribromophenol
 Concen: 135.546 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035459.D
 Acq: 28 Jun 2018 00:04

Instrument :
 BNA_G
 ClientSampleId :
 PZ-3

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	35.7	25.2	37.8

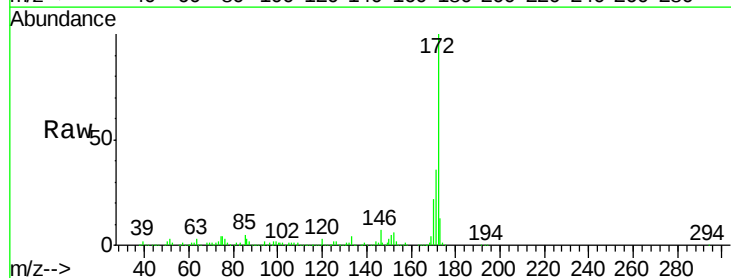


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

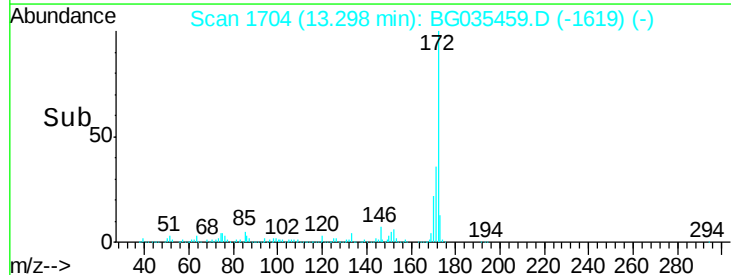
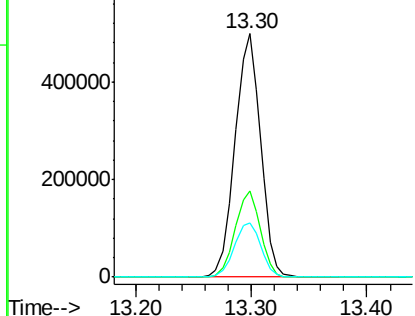


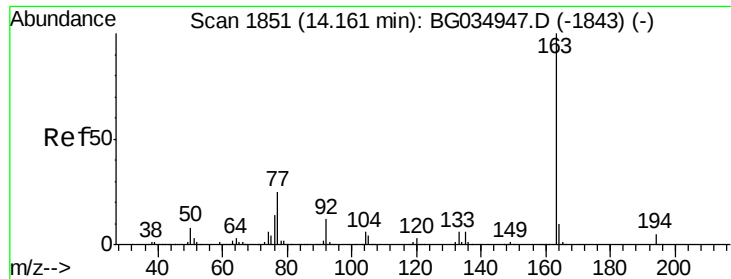
#44
 2-Fluorobiphenyl
 Concen: 73.274 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035459.D
 Acq: 28 Jun 2018 00:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.0	45.0
170	22.3	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: 6.357 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.04 min

Lab File: BG035459.D

Acq: 28 Jun 2018 00:04

Instrument :

BNA_G

ClientSampleId :

PZ-3

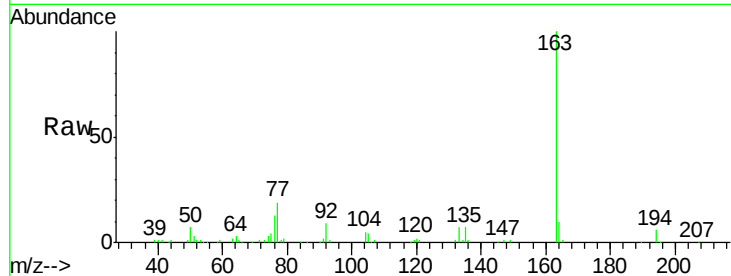
Tgt Ion:163 Resp: 75074

Ion Ratio Lower Upper

163 100

194 5.5 3.4 5.2#

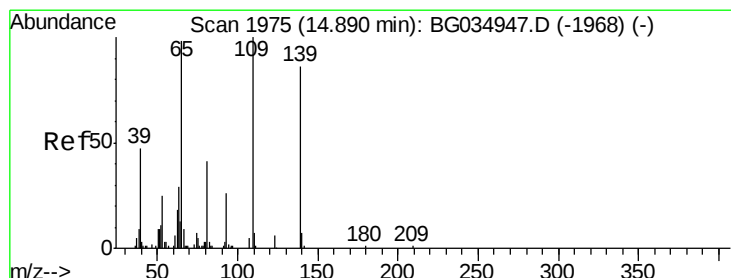
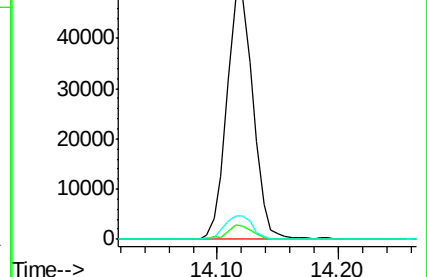
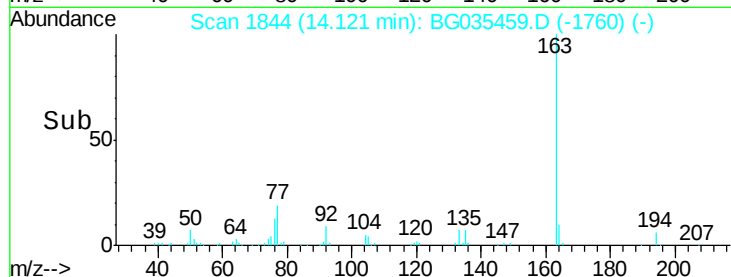
164 9.8 8.2 12.4



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



#55

4-Nitrophenol

Concen: 5.176 ng

RT: 14.91 min Scan# 1978

Delta R.T. 0.02 min

Lab File: BG035459.D

Acq: 28 Jun 2018 00:04

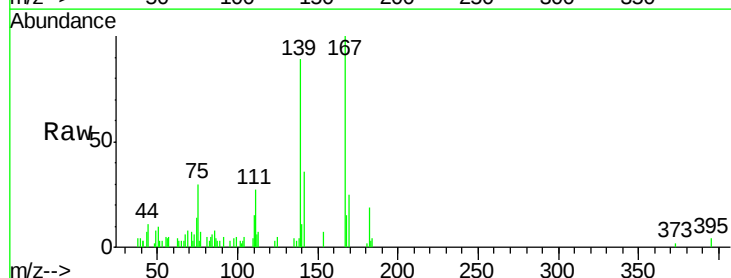
Tgt Ion:139 Resp: 9236

Ion Ratio Lower Upper

139 100

109 4.1 62.2 102.2#

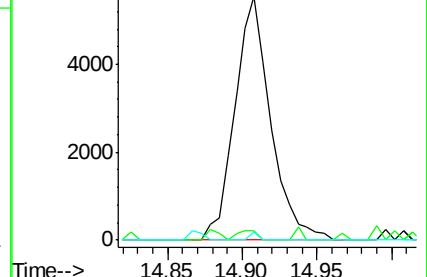
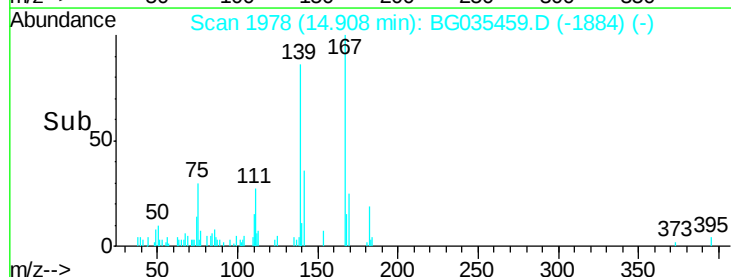
65 3.4 97.2 137.2#

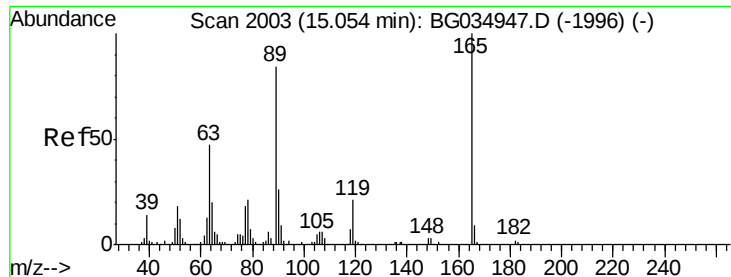


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

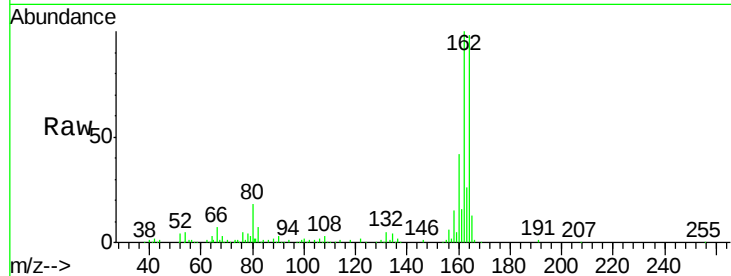




#56
2,4-Dinitrotoluene
Concen: 6.599 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.38 min
Lab File: BG035459.D
Acq: 28 Jun 2018 00:04

Instrument :
BNA_G
ClientSampleId :
PZ-3

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	42.0	63.0#
89	3.0	66.9	100.3#
182	0.0	2.6	3.8#

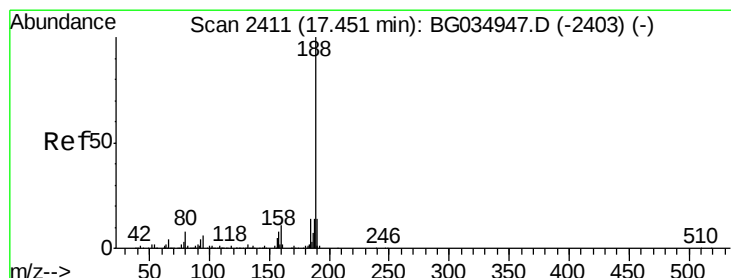
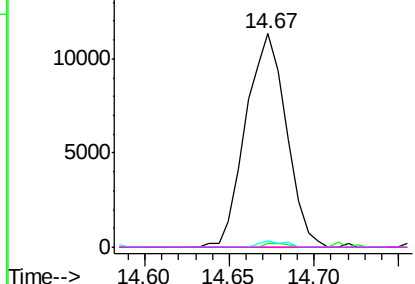
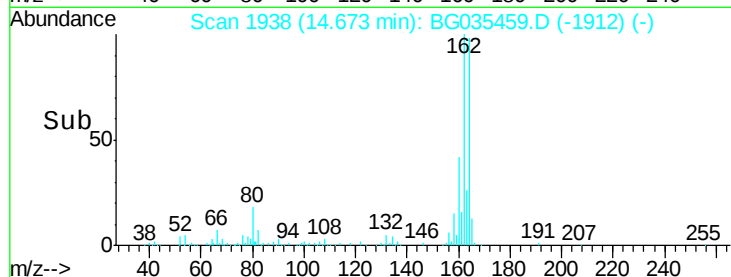


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

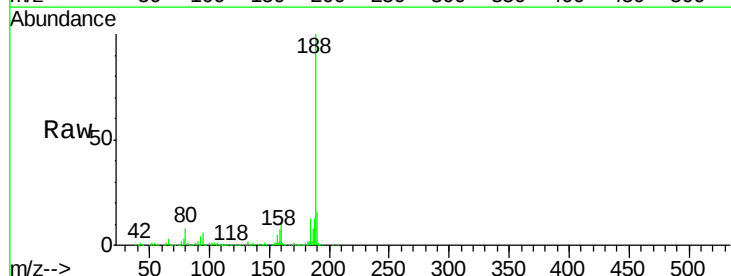
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035459.D
Acq: 28 Jun 2018 00:04

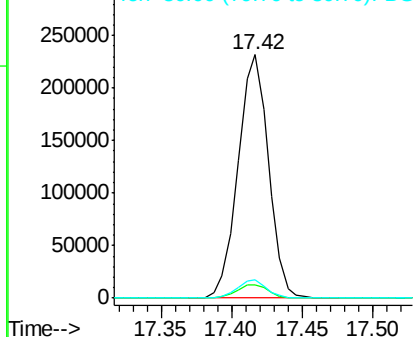
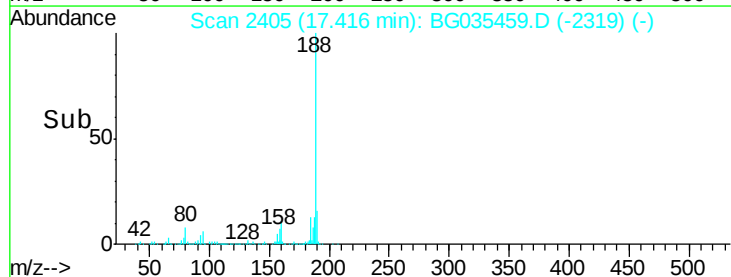
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.6	6.9	10.3#
80	7.6	7.7	11.5#

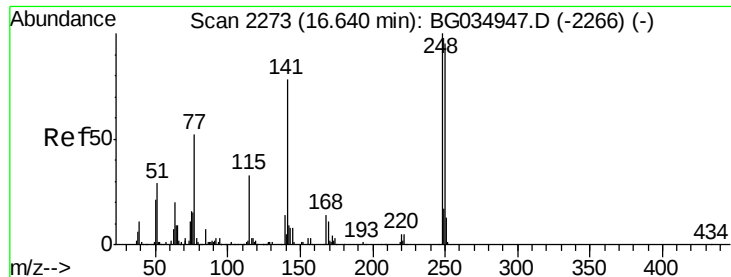


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

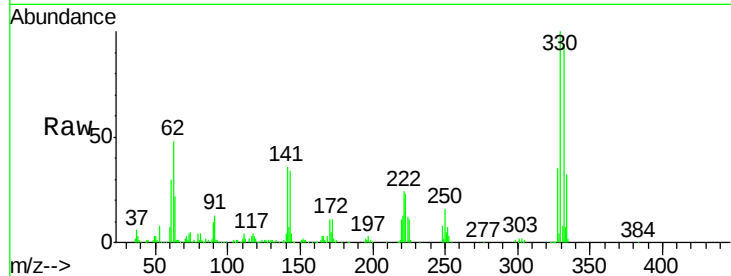




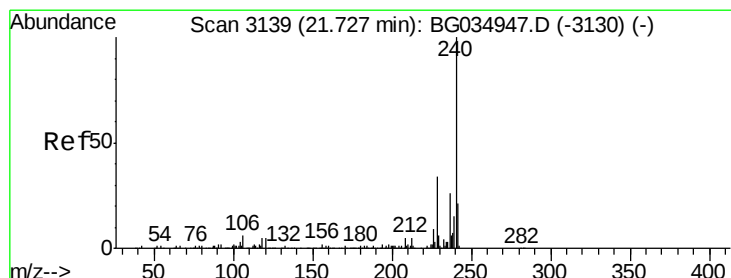
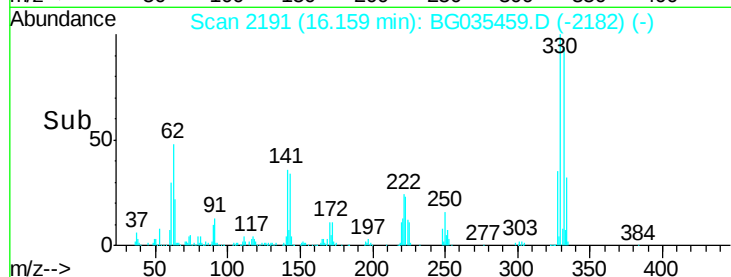
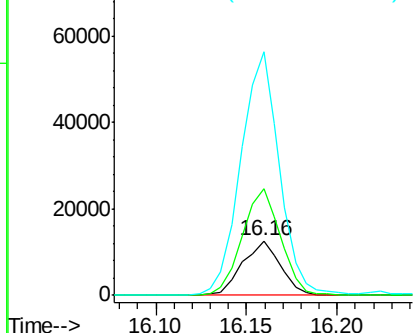
#66
4-Bromophenyl-phenylether
Concen: 4.356 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.48 min
Lab File: BG035459.D
Acq: 28 Jun 2018 00:04

Instrument :
BNA_G
ClientSampled :
PZ-3

Tgt Ion:248 Resp: 18329
Ion Ratio Lower Upper
248 100
250 196.1 77.1 115.7#
141 448.2 50.8 76.2#

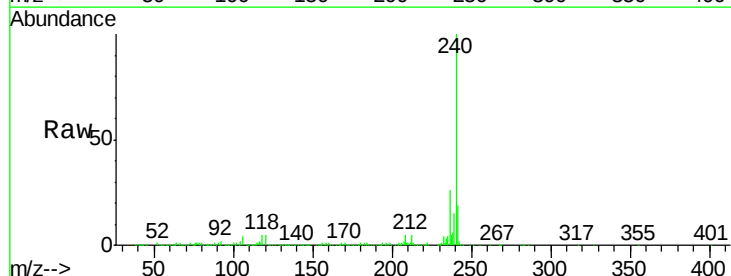


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

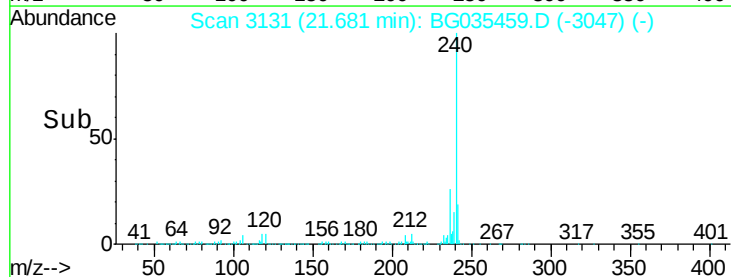
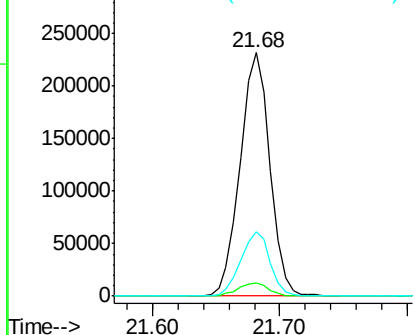


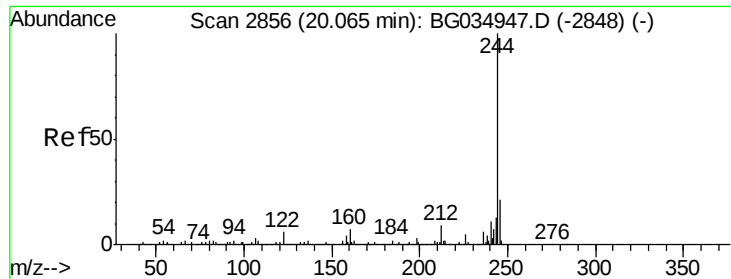
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.04 min
Lab File: BG035459.D
Acq: 28 Jun 2018 00:04

Tgt Ion:240 Resp: 378121
Ion Ratio Lower Upper
240 100
120 5.2 6.8 10.2#
236 26.2 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: 72.789 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035459.D

Acq: 28 Jun 2018 00:04

Instrument :

BNA_G

ClientSampleId :

PZ-3

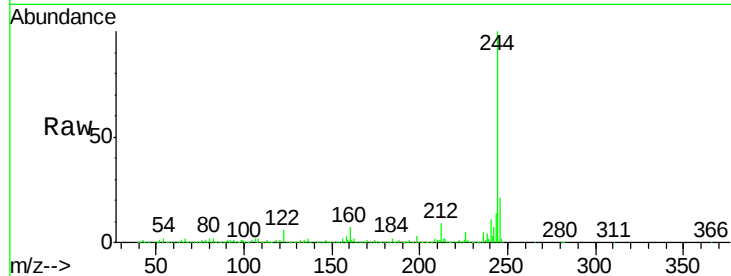
Tgt Ion:244 Resp: 1313946

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

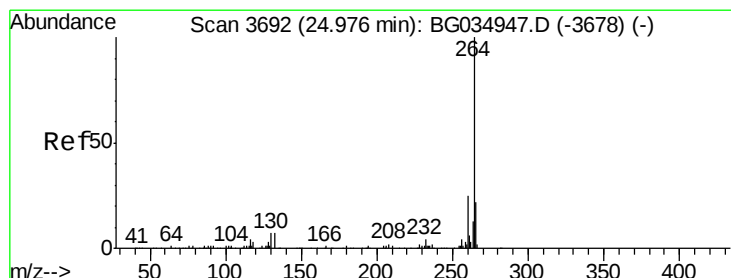
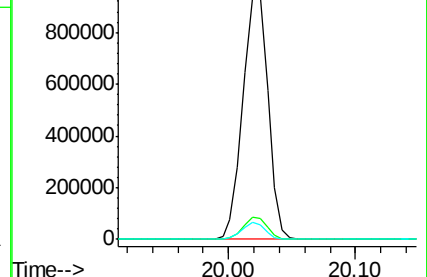
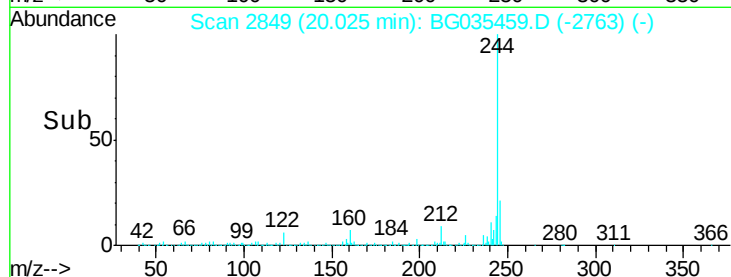
122 6.0 7.0 10.4#



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: 24.90 min Scan# 3679

Delta R.T. -0.05 min

Lab File: BG035459.D

Acq: 28 Jun 2018 00:04

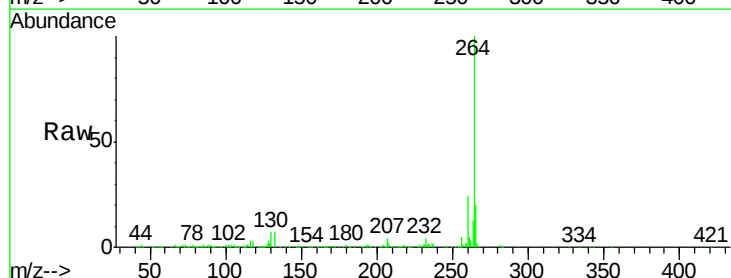
Tgt Ion:264 Resp: 370635

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 19.6 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

