

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062218\
 Data File : BG035358.D
 Acq On : 23 Jun 2018 8:23
 Operator : JU/SJ
 Sample : J3587-06
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 061818-TIPC-F-D-S

Quant Time: Jun 25 05:48:05 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

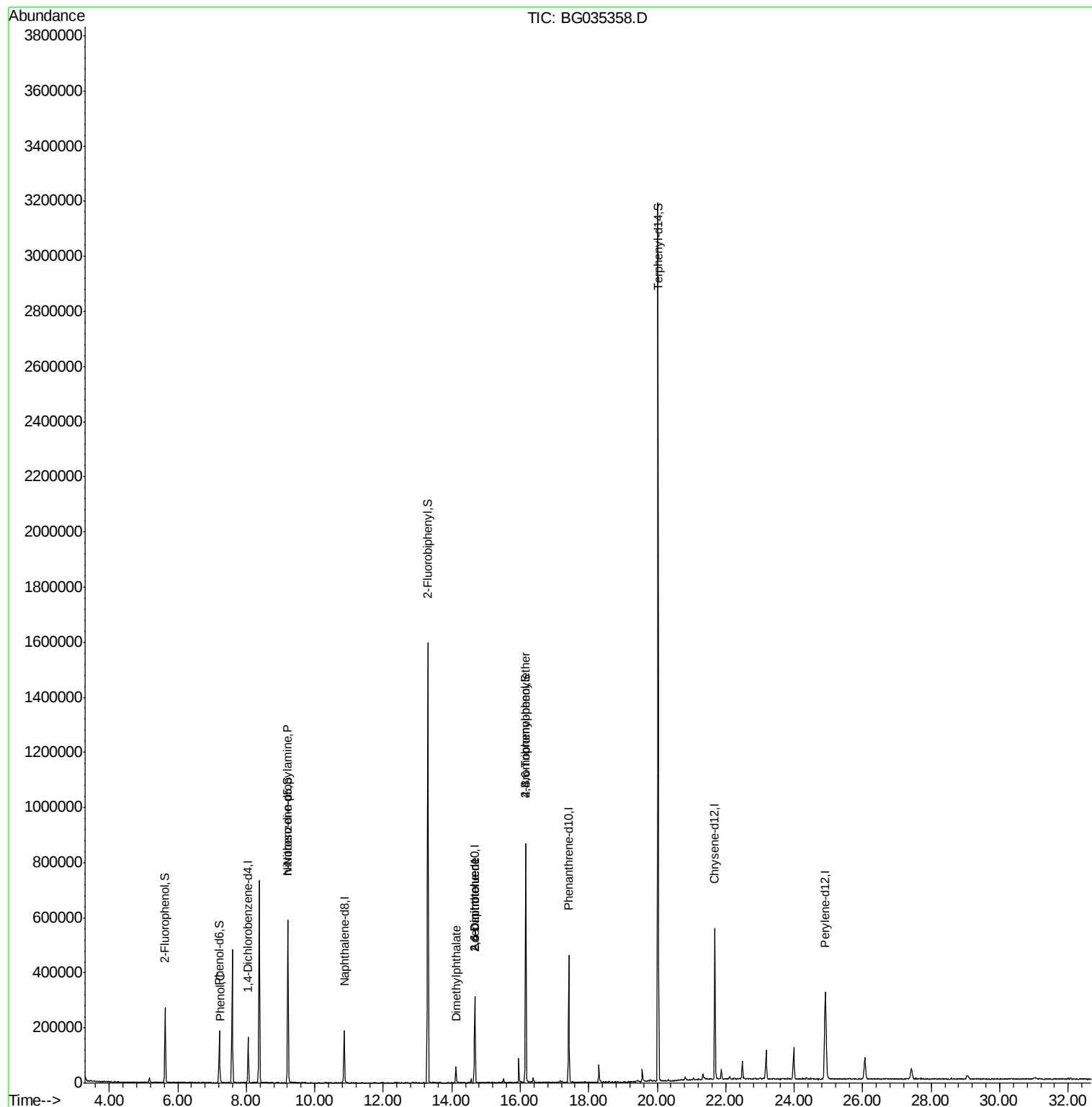
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	46604	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	159135	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	109814	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	295420	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	349140	20.00	ng	-0.04
86) Perylene-d12	24.90	264	335196	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	120315	43.57	ng	-0.01
7) Phenol-d6	7.21	99	122722	30.11	ng	-0.01
23) Nitrobenzene-d5	9.21	82	387351	115.70	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	161097	114.60	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	888758	105.21	ng	-0.03
78) Terphenyl-d14	20.02	244	1525126	91.50	ng	-0.02
Target Compounds						
10) Phenol	7.23	94	10082	2.390	ng	95
19) n-Nitroso-di-n-propylamine	9.21	70	54104	15.624	ng	# 66
49) Dimethylphthalate	14.12	163	39067	4.080	ng	99
50) 2,6-Dinitrotoluene	14.67	165	15783	9.034	ng	# 20
56) 2,4-Dinitrotoluene	14.67	165	15783	6.801	ng	# 17
66) 4-Bromophenyl-phenylether	16.16	248	13685	3.847	ng	# 1

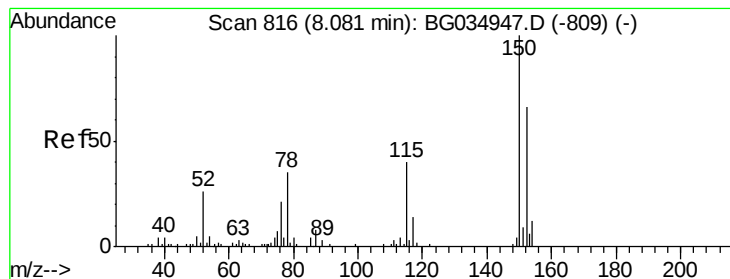
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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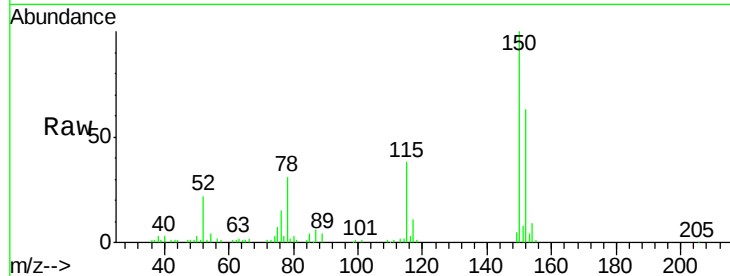


#1

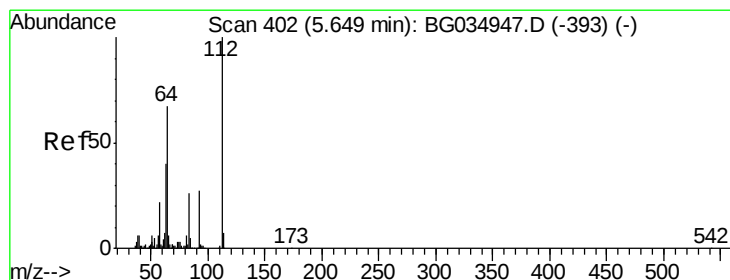
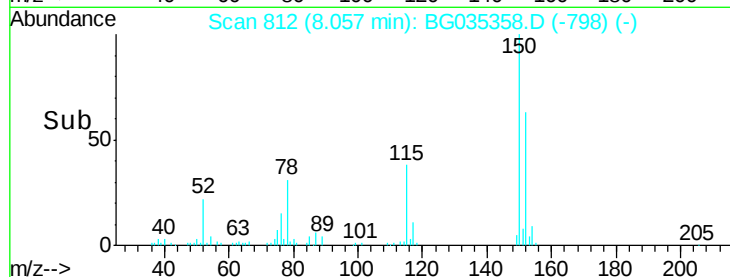
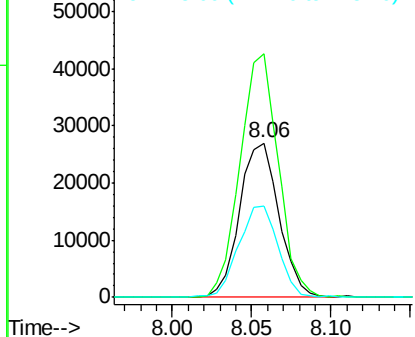
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035358.D
Acq: 23 Jun 2018 8:23

Instrument :
BNA_G
ClientSampleId :
061818-TIPC-F-D-S

Tgt Ion:152 Resp: 46604
Ion Ratio Lower Upper
152 100
150 157.9 126.6 189.8
115 59.6 53.0 79.4



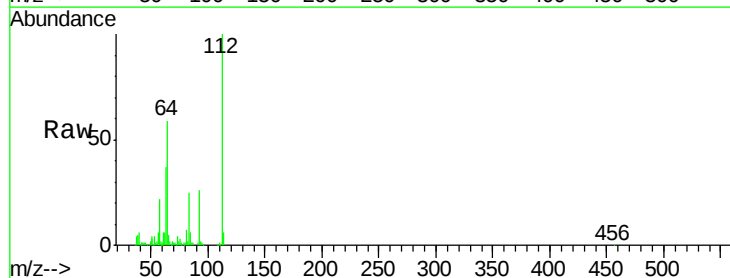
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



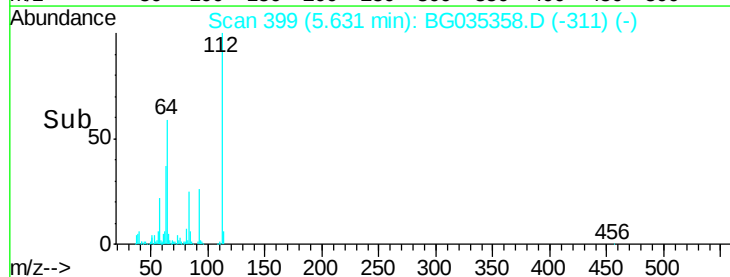
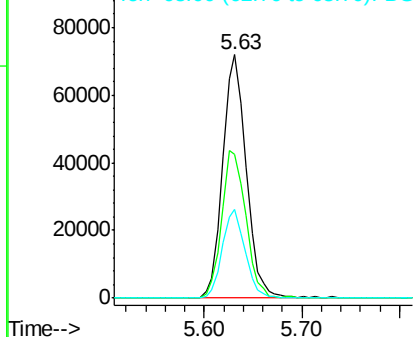
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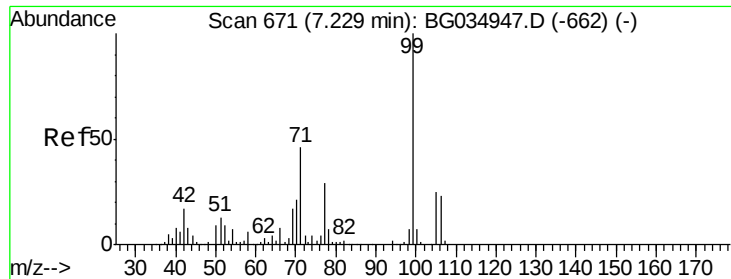
2-Fluorophenol
Concen: 43.568 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035358.D
Acq: 23 Jun 2018 8:23

Tgt Ion:112 Resp: 120315
Ion Ratio Lower Upper
112 100
64 59.2 56.3 84.5
63 36.7 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 30.109 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035358.D

Acq: 23 Jun 2018 8:23

Instrument :

BNA_G

ClientSampleId :

061818-TIPC-F-D-S

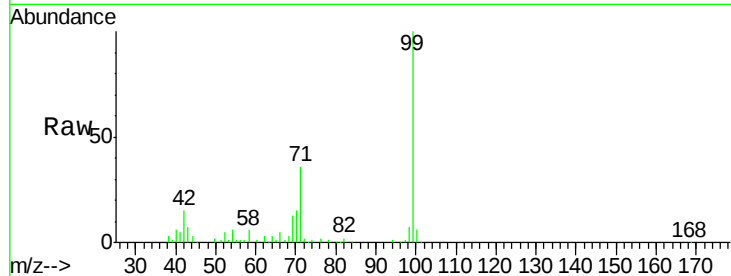
Tgt Ion: 99 Resp: 122722

Ion Ratio Lower Upper

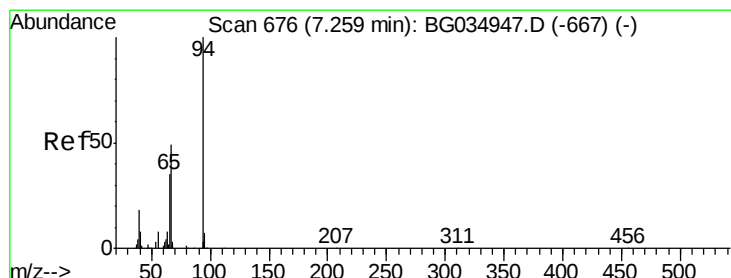
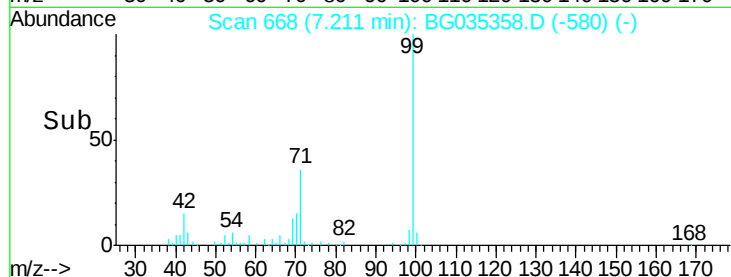
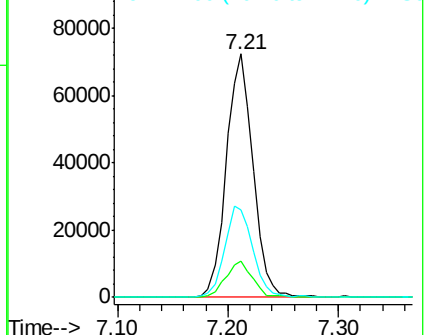
99 100

42 14.8 14.1 21.1

71 35.9 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: 2.390 ng

RT: 7.23 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG035358.D

Acq: 23 Jun 2018 8:23

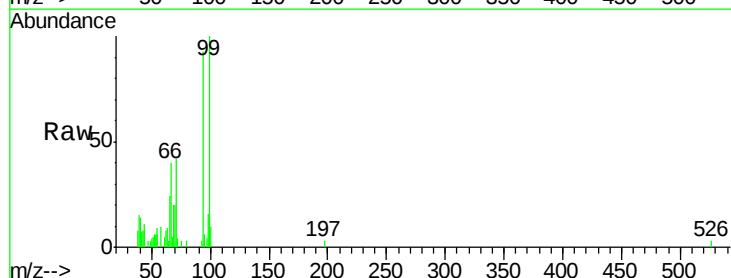
Tgt Ion: 94 Resp: 10082

Ion Ratio Lower Upper

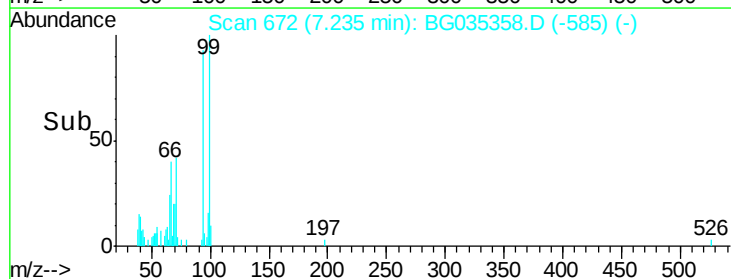
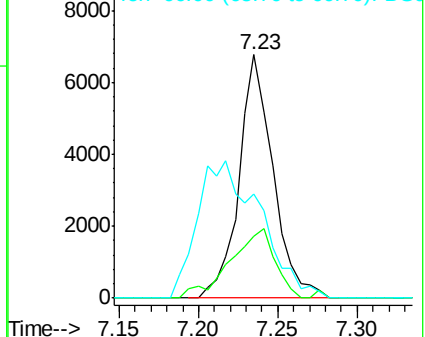
94 100

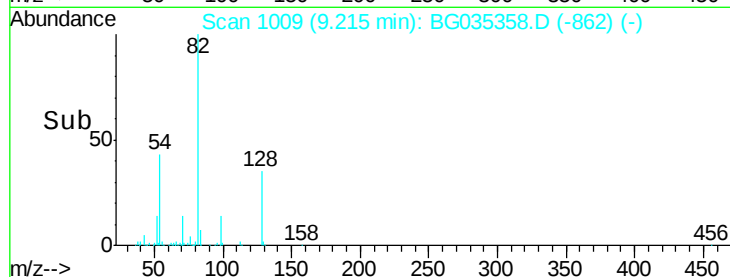
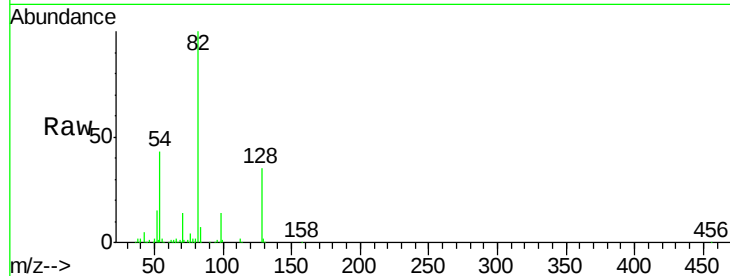
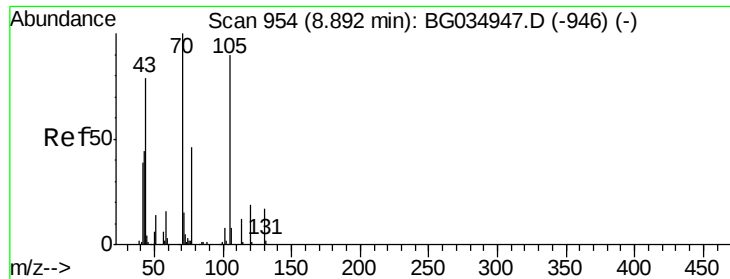
65 25.3 11.9 51.9

66 42.6 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

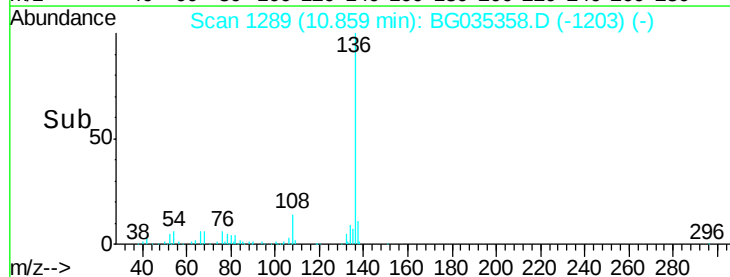
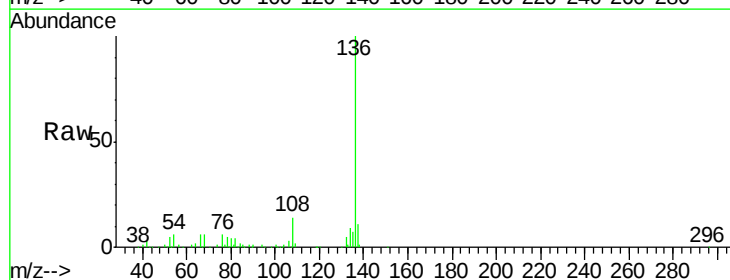
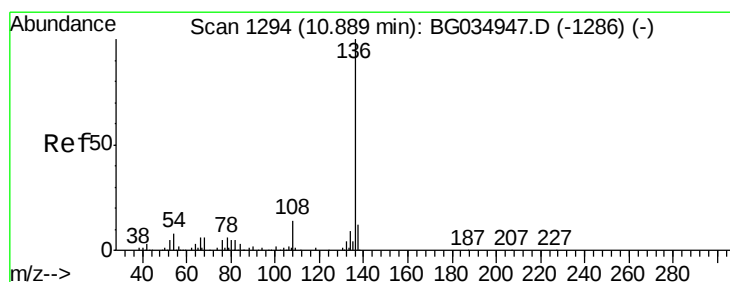
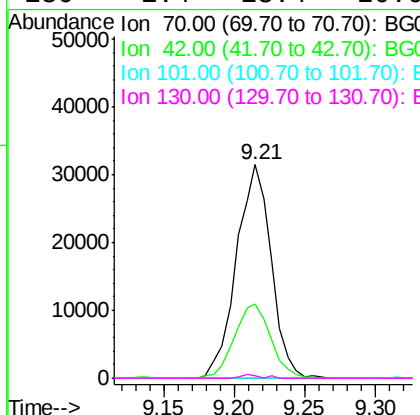




#19
n-Nitroso-di-n-propylamine
Concen: 15.624 ng
RT: 9.21 min Scan# 1009
Delta R.T. 0.33 min
Lab File: BG035358.D
Acq: 23 Jun 2018 8:23

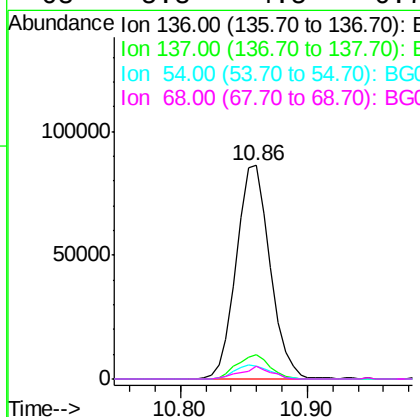
Instrument :
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ClientSampleId :
061818-TIPC-F-D-S

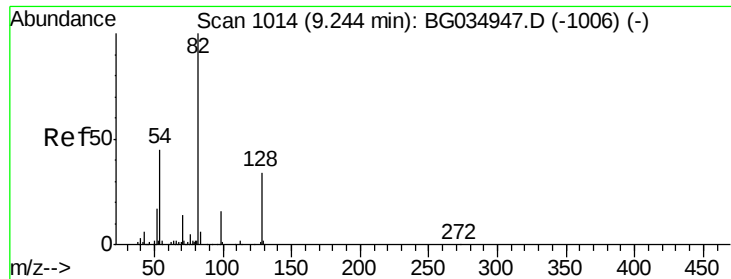
Tgt Ion: 70 Resp: 54104
Ion Ratio Lower Upper
70 100
42 34.8 49.1 73.7#
101 0.0 8.5 12.7#
130 1.4 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG035358.D
Acq: 23 Jun 2018 8:23

Tgt Ion: 136 Resp: 159135
Ion Ratio Lower Upper
136 100
137 11.2 9.2 13.8
54 6.1 10.3 15.5#
68 5.8 4.5 6.7

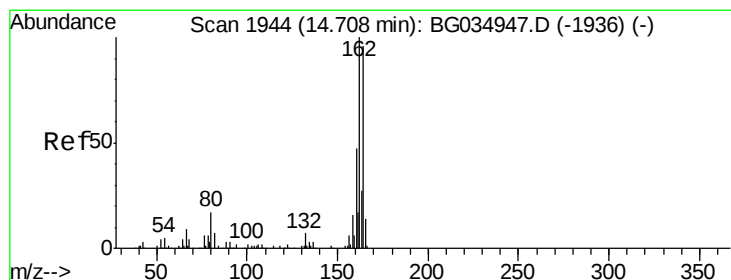
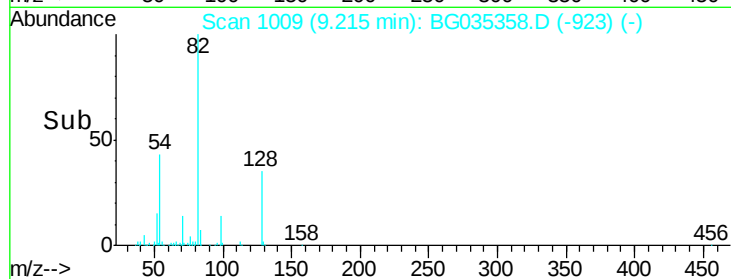
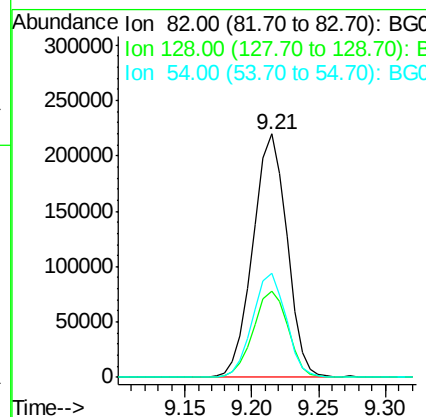
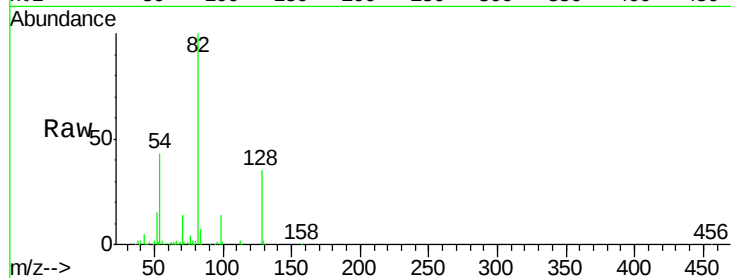




#23
 Nitrobenzene-d5
 Concen: 115.703 ng
 RT: 9.21 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035358.D
 Acq: 23 Jun 2018 8:23

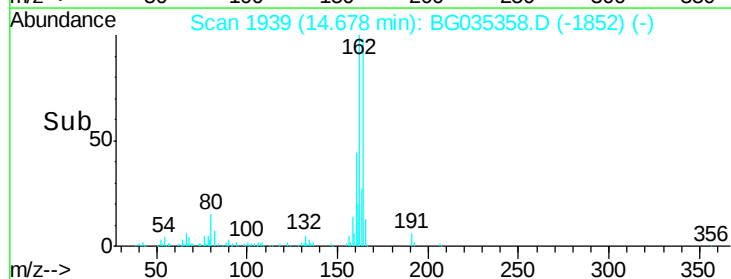
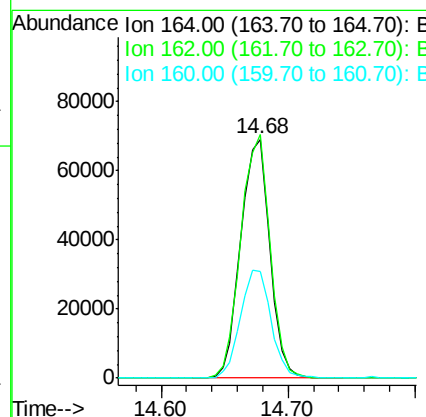
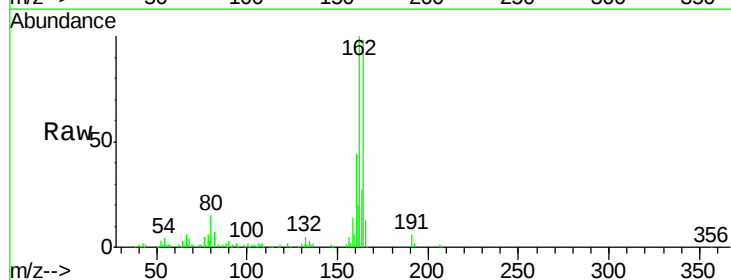
Instrument :
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 ClientSampleId :
 061818-TIPC-F-D-S

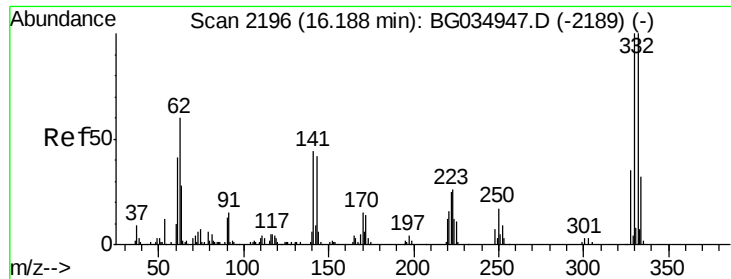
Tgt Ion: 82 Resp: 387351
 Ion Ratio Lower Upper
 82 100
 128 35.3 29.7 44.5
 54 42.9 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035358.D
 Acq: 23 Jun 2018 8:23

Tgt Ion: 164 Resp: 109814
 Ion Ratio Lower Upper
 164 100
 162 101.8 78.8 118.2
 160 44.7 35.4 53.0

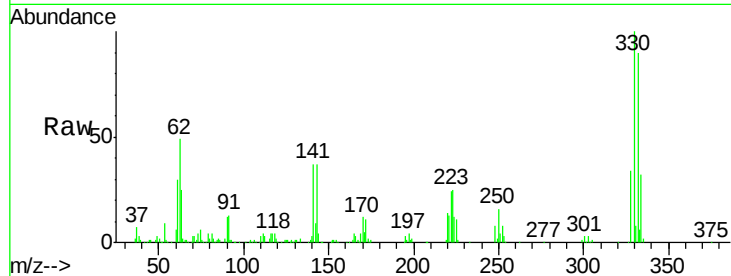




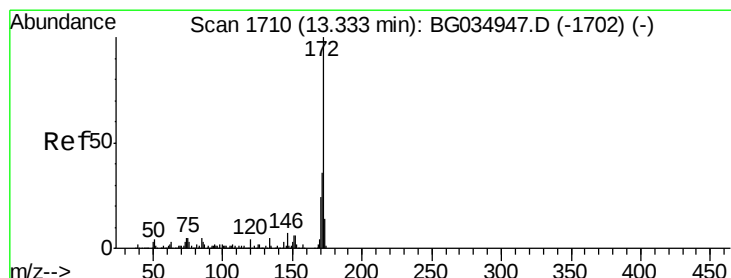
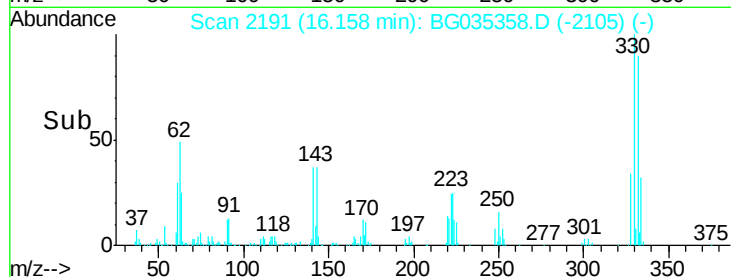
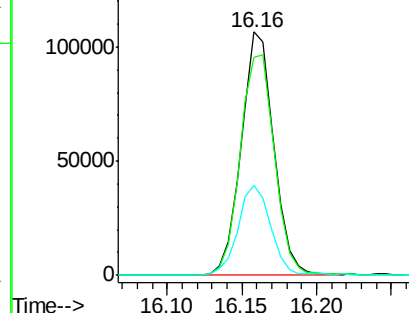
#41
 2,4,6-Tribromophenol
 Concen: 114.598 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035358.D
 Acq: 23 Jun 2018 8:23

Instrument :
 BNA_G
 ClientSampleId :
 061818-TIPC-F-D-S

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.0	115.6
141	37.4	25.2	37.8

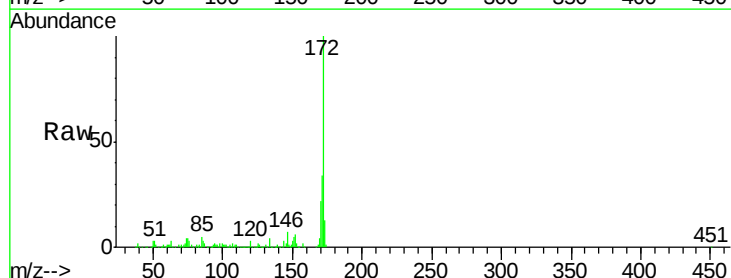


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

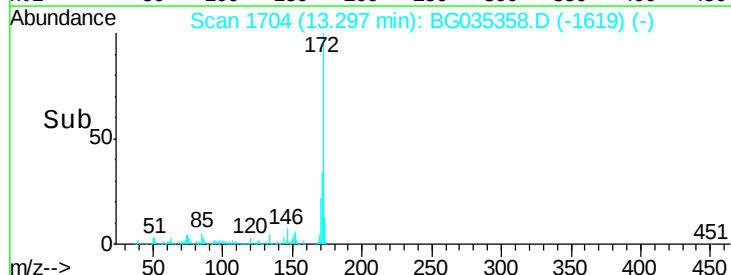
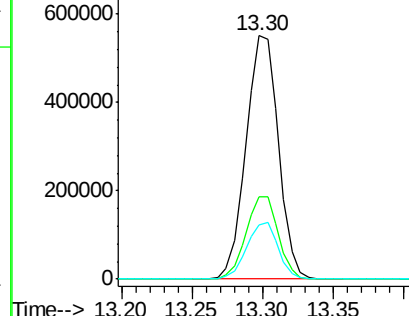


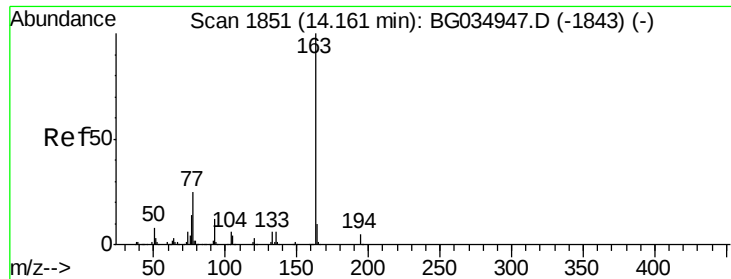
#44
 2-Fluorobiphenyl
 Concen: 105.213 ng
 RT: 13.30 min Scan# 1704
 Delta R.T. -0.03 min
 Lab File: BG035358.D
 Acq: 23 Jun 2018 8:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	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

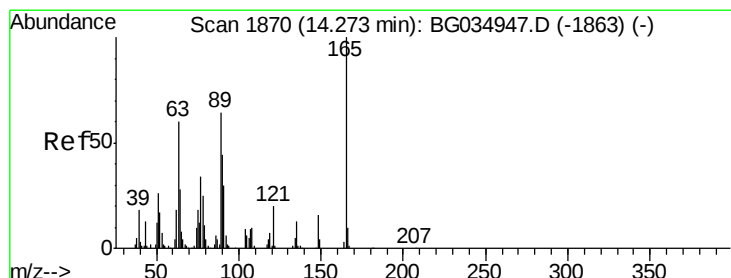
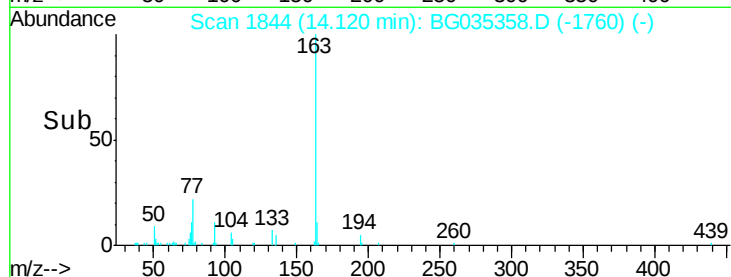
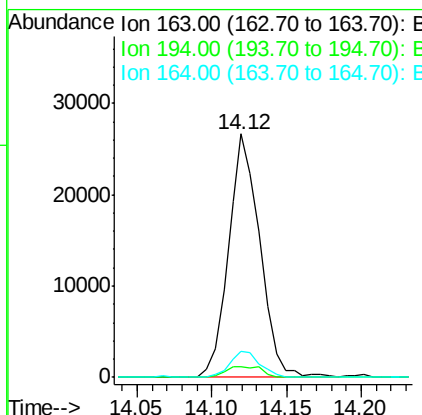
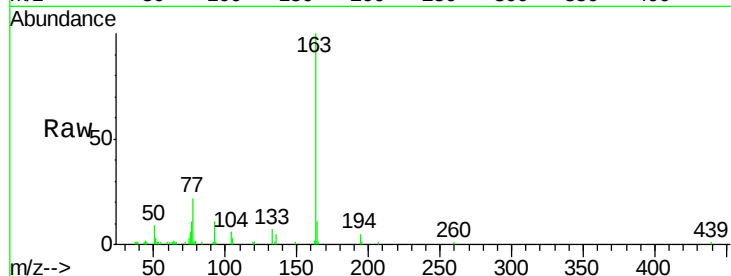




#49
Dimethylphthalate
Concen: 4.080 ng
RT: 14.12 min Scan# 1844
Delta R.T. -0.04 min
Lab File: BG035358.D
Acq: 23 Jun 2018 8:23

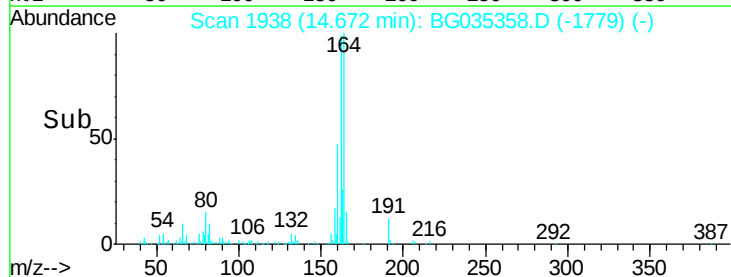
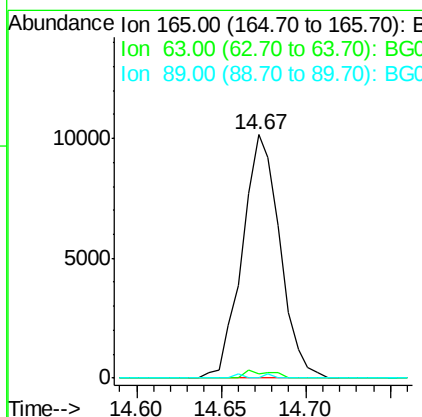
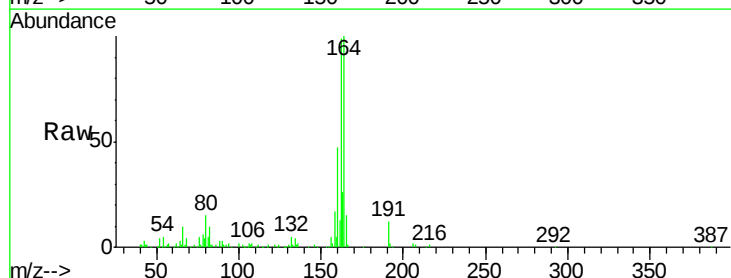
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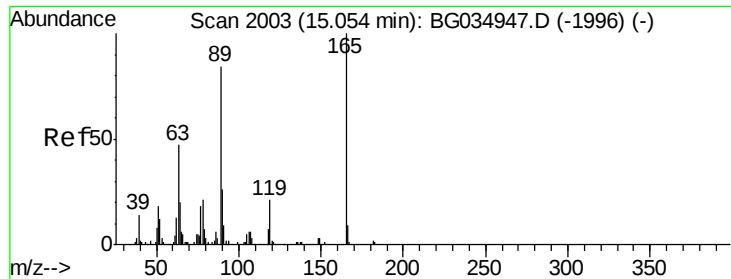
Tgt Ion:163 Resp: 39067
Ion Ratio Lower Upper
163 100
194 4.6 3.4 5.2
164 10.7 8.2 12.4



#50
2,6-Dinitrotoluene
Concen: 9.034 ng
RT: 14.67 min Scan# 1938
Delta R.T. 0.40 min
Lab File: BG035358.D
Acq: 23 Jun 2018 8:23

Tgt Ion:165 Resp: 15783
Ion Ratio Lower Upper
165 100
63 1.9 52.7 79.1#
89 0.0 49.2 73.8#

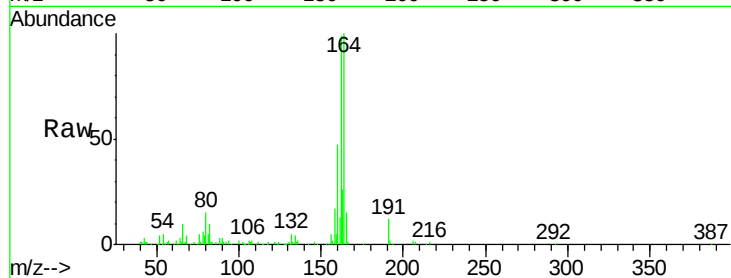




#56
 2,4-Dinitrotoluene
 Concen: 6.801 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.38 min
 Lab File: BG035358.D
 Acq: 23 Jun 2018 8:23

Instrument :
 BNA_G
 ClientSampleId :
 061818-TIPC-F-D-S

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

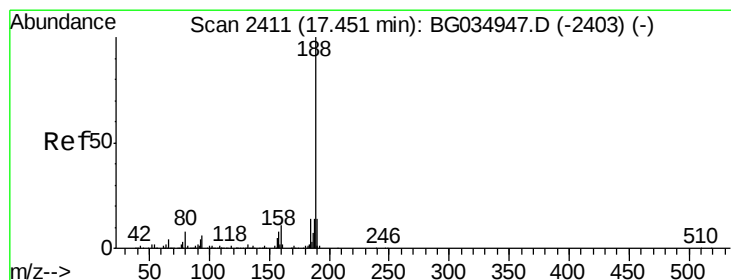
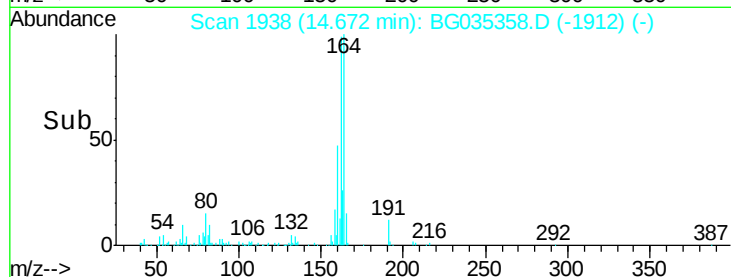
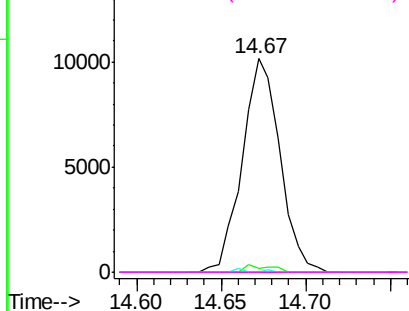


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

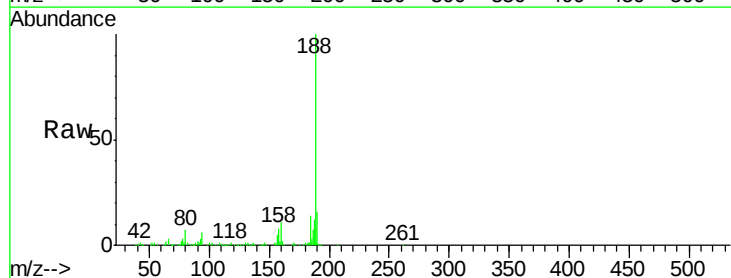
Ion 89.00 (88.70 to 89.70): BGC

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: BG035358.D
 Acq: 23 Jun 2018 8:23

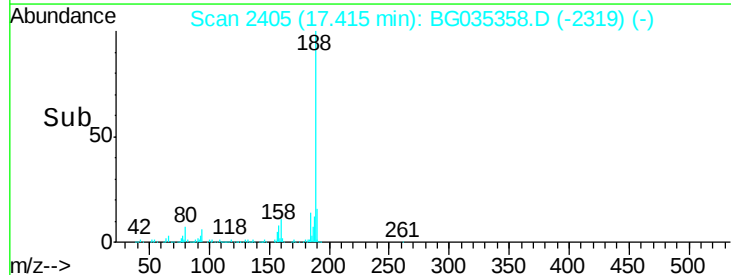
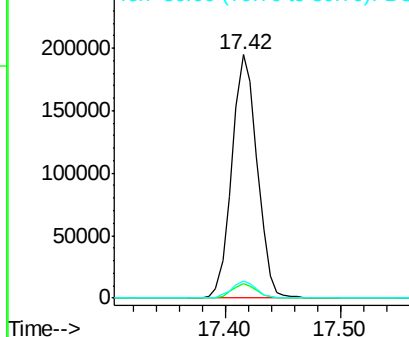
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.1	6.9	10.3#
80	6.9	7.7	11.5#

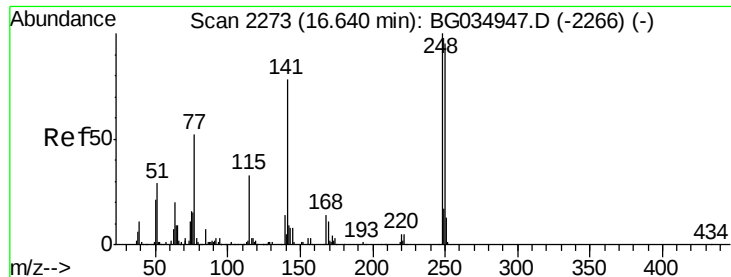


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

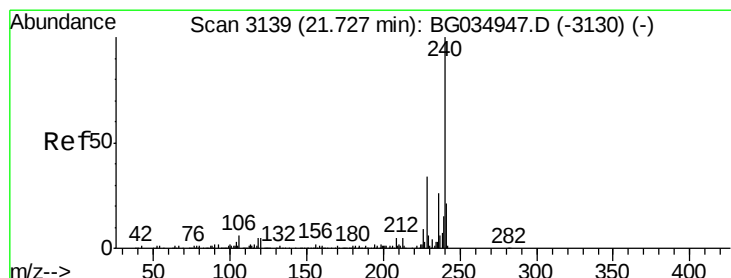
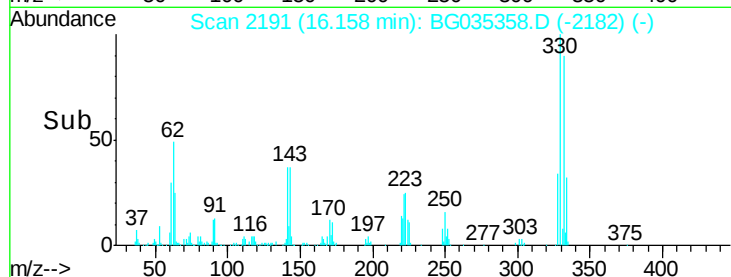
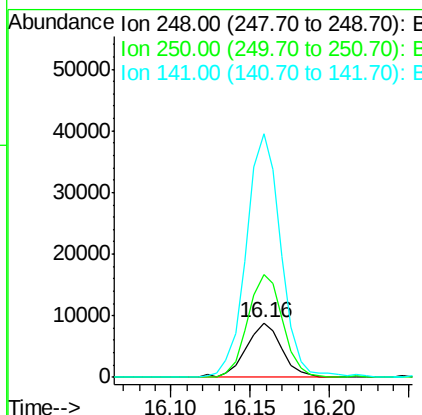
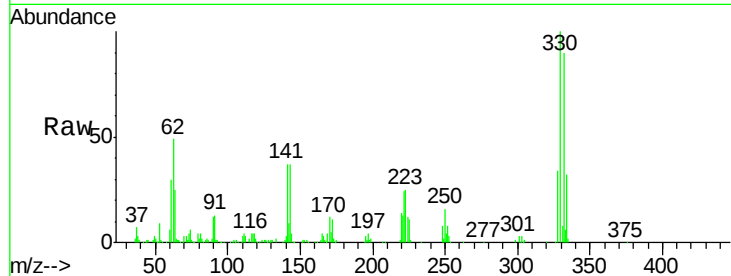




#66
 4-Bromophenyl-phenylether
 Concen: 3.847 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.48 min
 Lab File: BG035358.D
 Acq: 23 Jun 2018 8:23

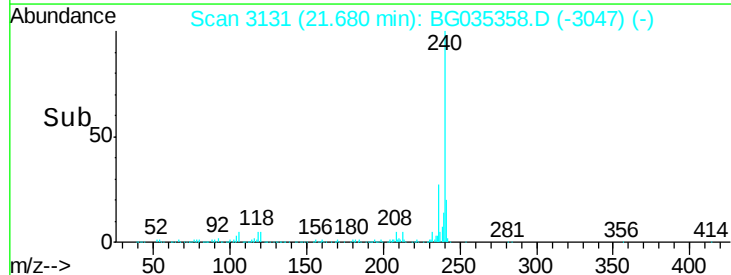
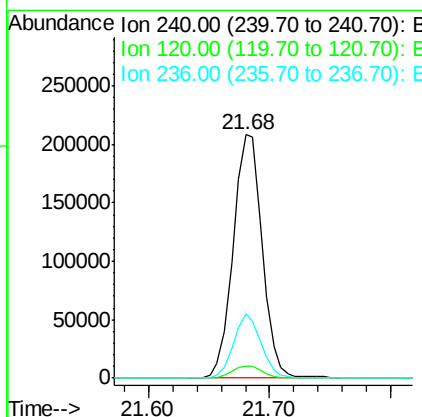
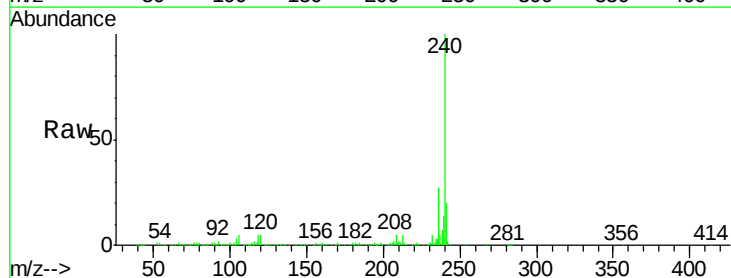
Instrument :
 BNA_G
 ClientSampleId :
 061818-TIPC-F-D-S

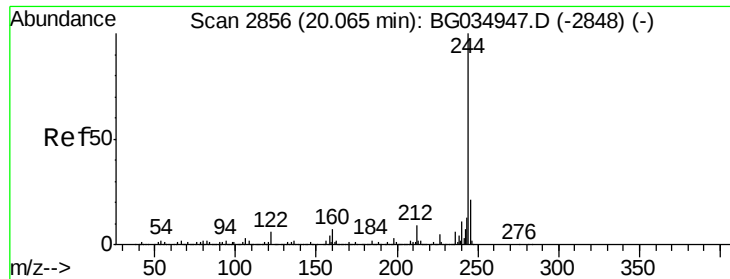
Tgt Ion:248 Resp: 13685
 Ion Ratio Lower Upper
 248 100
 250 186.7 77.1 115.7#
 141 444.8 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3131
 Delta R.T. -0.04 min
 Lab File: BG035358.D
 Acq: 23 Jun 2018 8:23

Tgt Ion:240 Resp: 349140
 Ion Ratio Lower Upper
 240 100
 120 4.7 6.8 10.2#
 236 26.7 20.9 31.3





#78

Terphenyl-d14

Concen: 91.500 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035358.D

Acq: 23 Jun 2018 8:23

Instrument :

BNA_G

ClientSampleId :

061818-TIPC-F-D-S

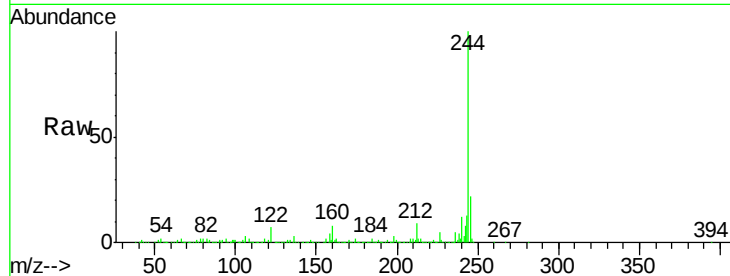
Tgt Ion:244 Resp: 1525126

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

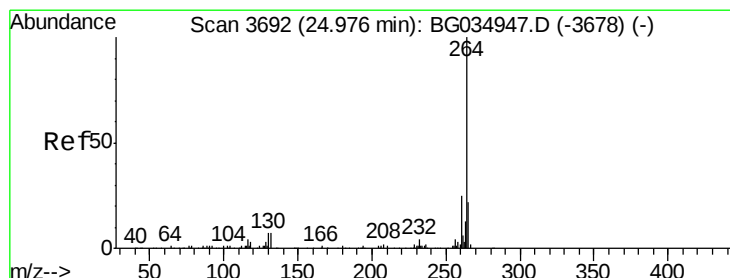
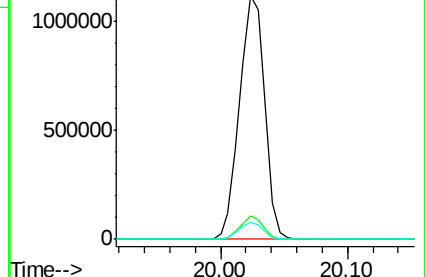
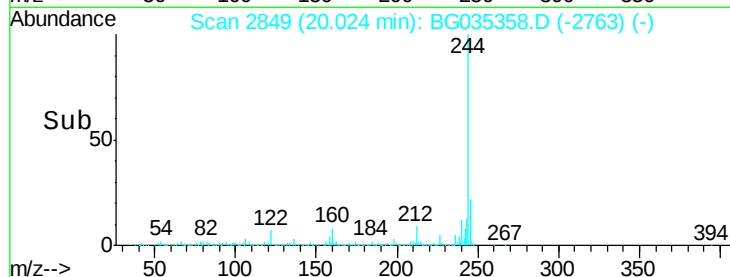
122 7.2 7.0 10.4



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: BG035358.D

Acq: 23 Jun 2018 8:23

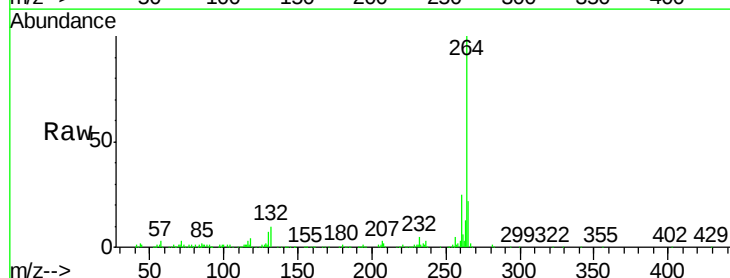
Tgt Ion:264 Resp: 335196

Ion Ratio Lower Upper

264 100

260 24.7 17.4 26.0

265 21.7 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

