

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062218\
 Data File : BG035361.D
 Acq On : 23 Jun 2018 10:19
 Operator : JU/SJ
 Sample : J3623-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 061918-TIPC-E-D-M

Quant Time: Jun 25 05:48:39 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

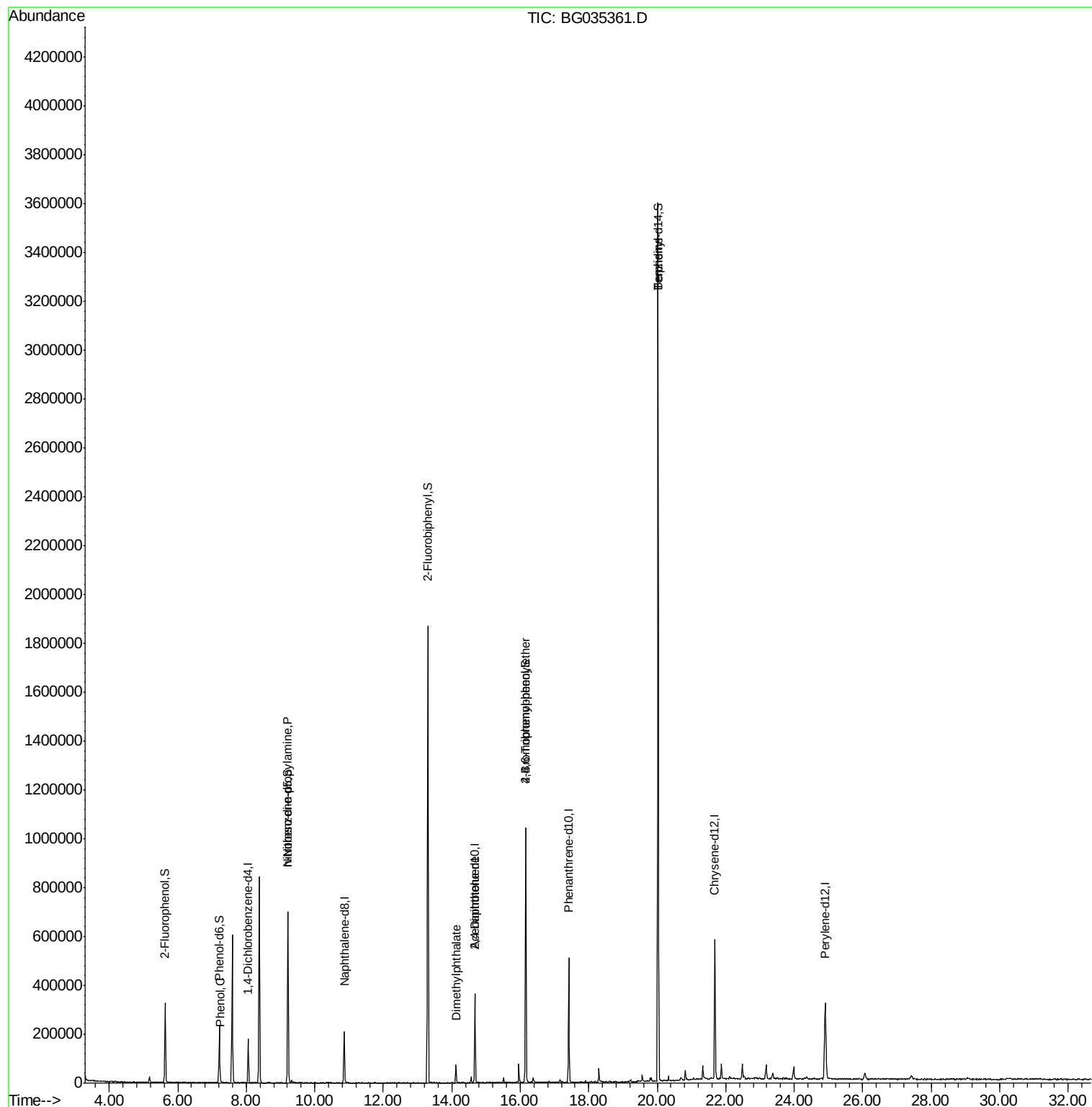
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	52248	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	180856	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	121133	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	324372	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	363963	20.00	ng	-0.04
86) Perylene-d12	24.90	264	349668	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	145724	47.07	ng	-0.01
7) Phenol-d6	7.21	99	142728	31.24	ng	-0.01
23) Nitrobenzene-d5	9.21	82	457784	120.32	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	195115	125.83	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	1045139	112.16	ng	-0.02
78) Terphenyl-d14	20.02	244	1719574	98.96	ng	-0.02
Target Compounds						
10) Phenol	7.24	94	11224	2.374	ng	82
19) n-Nitroso-di-n-propylamine	9.21	70	62734	16.160	ng	# 70
49) Dimethylphthalate	14.12	163	46601	4.412	ng	98
56) 2,4-Dinitrotoluene	14.67	165	16077	6.280	ng	# 18
66) 4-Bromophenyl-phenylether	16.16	248	14981	3.835	ng	# 1
76) Benzidine	20.02	184	31481	2.325	ng	# 92

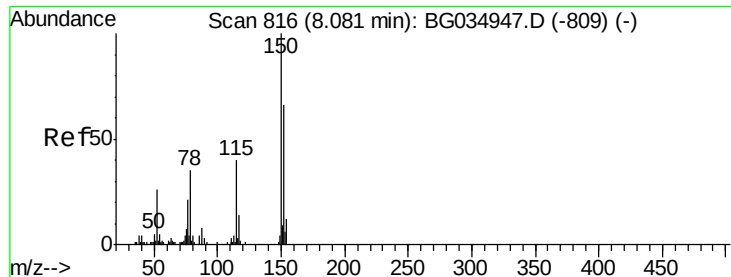
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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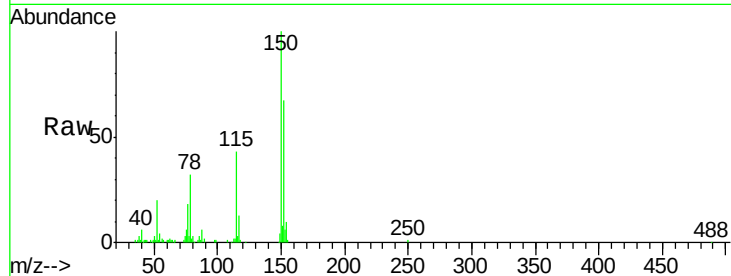


#1

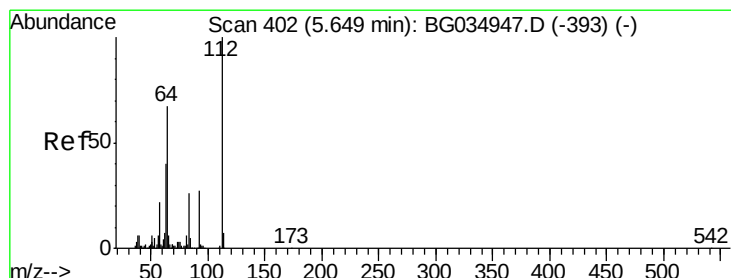
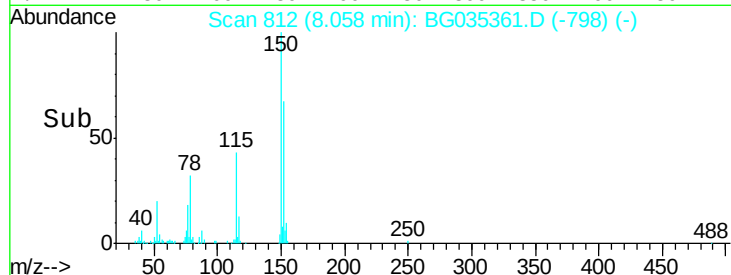
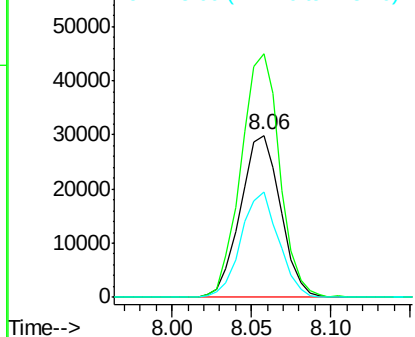
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035361.D
Acq: 23 Jun 2018 10:19

Instrument :
BNA_G
ClientSampleId :
061918-TIPC-E-D-M

Tgt Ion:152 Resp: 52248
Ion Ratio Lower Upper
152 100
150 150.4 126.6 189.8
115 65.4 53.0 79.4



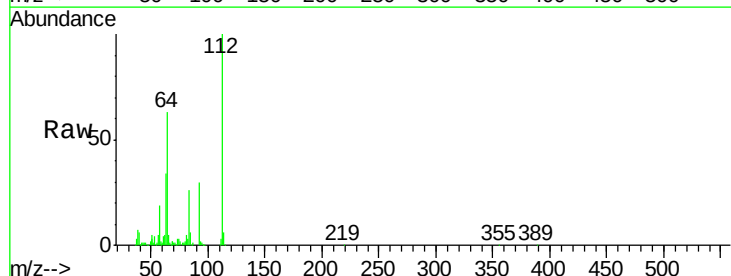
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



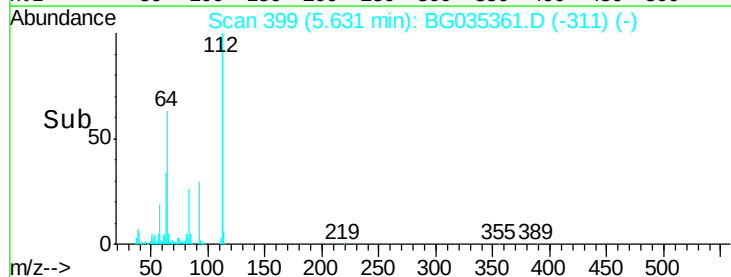
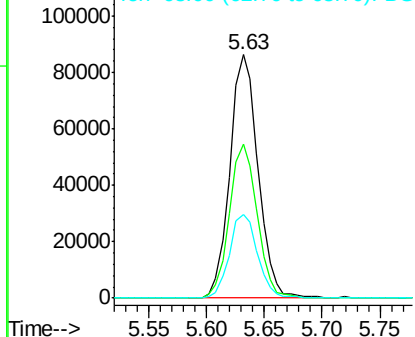
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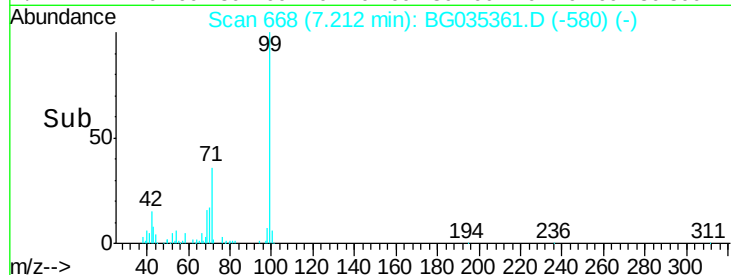
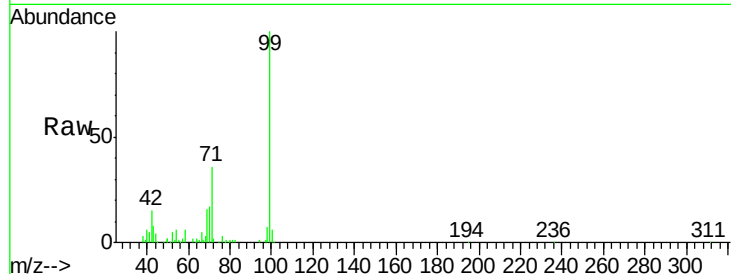
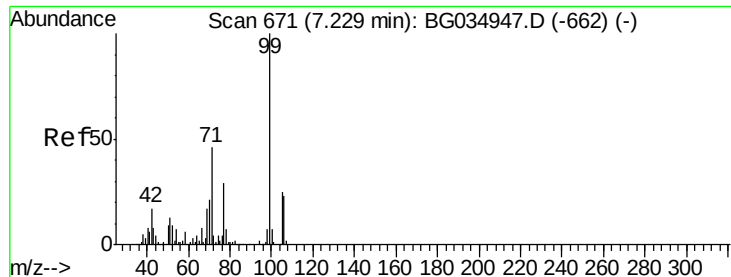
2-Fluorophenol
Concen: 47.069 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035361.D
Acq: 23 Jun 2018 10:19

Tgt Ion:112 Resp: 145724
Ion Ratio Lower Upper
112 100
64 63.4 56.3 84.5
63 34.1 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

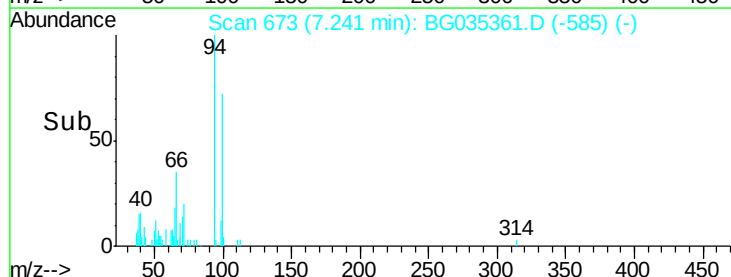
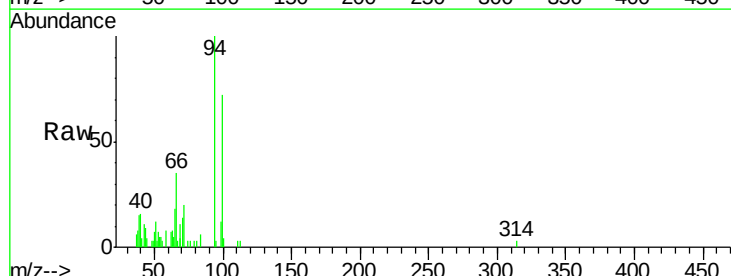
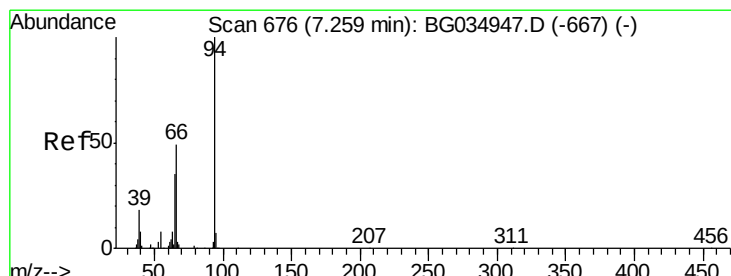
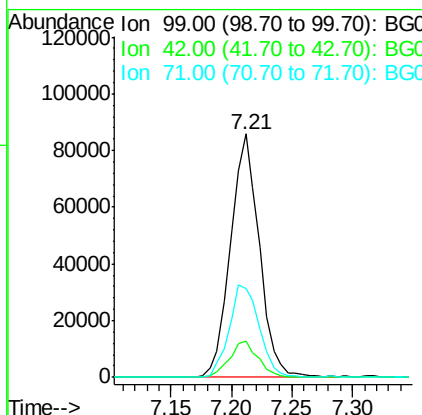




#7
Phenol-d6
Concen: 31.235 ng
RT: 7.21 min Scan# 668
Delta R.T. -0.01 min
Lab File: BG035361.D
Acq: 23 Jun 2018 10:19

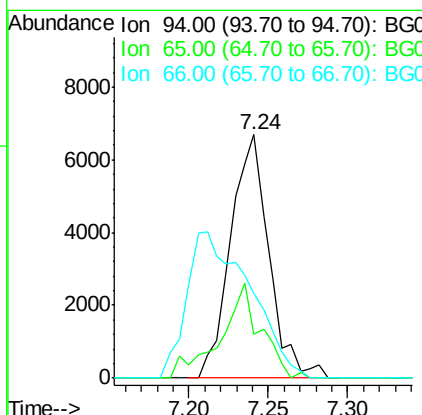
Instrument :
BNA_G
ClientSampleId :
061918-TIPC-E-D-M

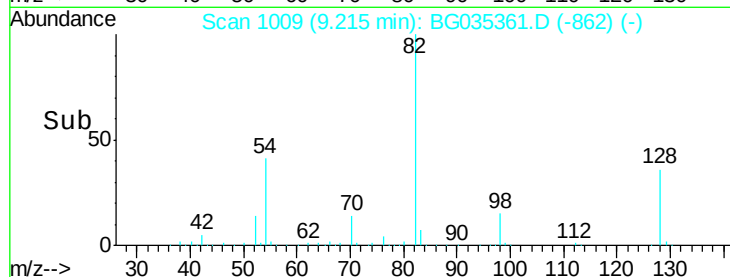
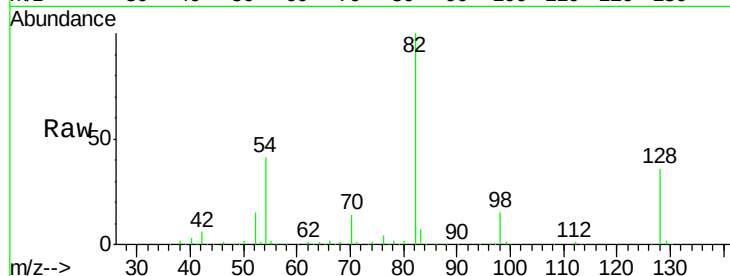
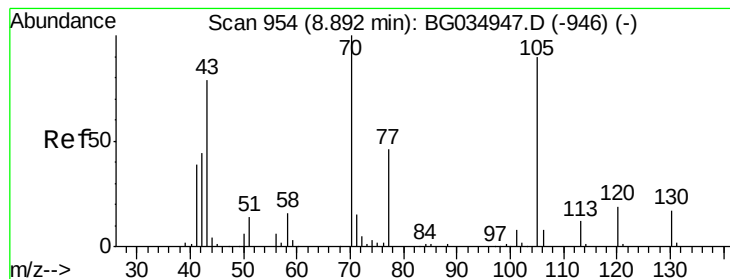
Tgt Ion: 99 Resp: 142728
Ion Ratio Lower Upper
99 100
42 15.0 14.1 21.1
71 36.2 26.1 39.1



#10
Phenol
Concen: 2.374 ng
RT: 7.24 min Scan# 673
Delta R.T. -0.01 min
Lab File: BG035361.D
Acq: 23 Jun 2018 10:19

Tgt Ion: 94 Resp: 11224
Ion Ratio Lower Upper
94 100
65 17.9 11.9 51.9
66 34.7 22.2 62.2





#19

n-Nitroso-di-n-propylamine

Concen: 16.160 ng

RT: 9.21 min Scan# 1009

Delta R.T. 0.33 min

Lab File: BG035361.D

Acq: 23 Jun 2018 10:19

Instrument :

BNA_G

ClientSampleId :

061918-TIPC-E-D-M

Tgt Ion: 70 Resp: 62734

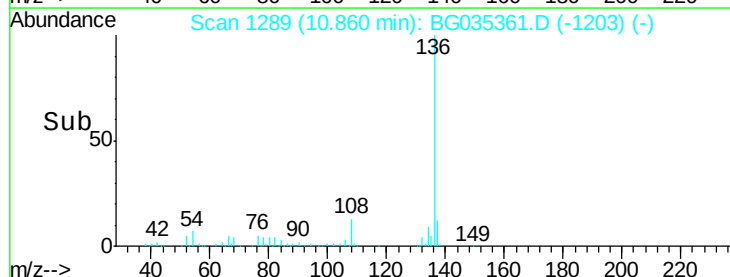
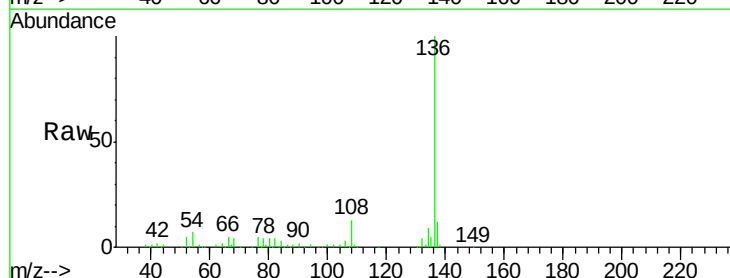
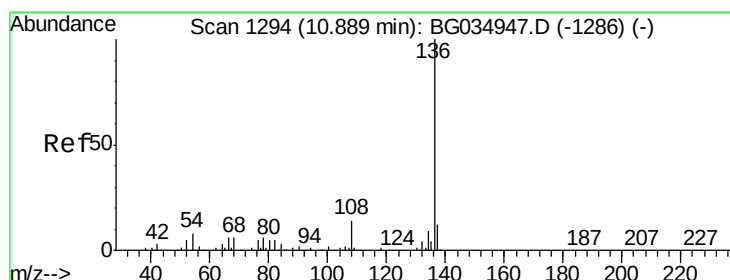
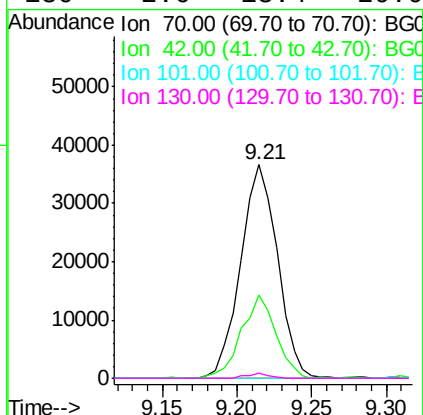
Ion Ratio Lower Upper

70 100

42 39.2 49.1 73.7#

101 0.0 8.5 12.7#

130 2.6 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: BG035361.D

Acq: 23 Jun 2018 10:19

Tgt Ion: 136 Resp: 180856

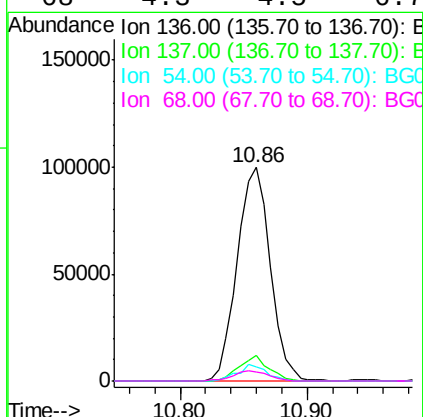
Ion Ratio Lower Upper

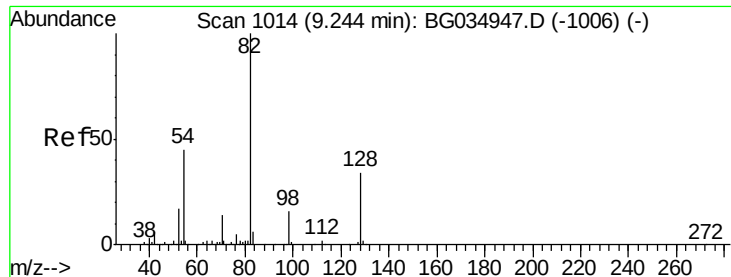
136 100

137 11.7 9.2 13.8

54 6.8 10.3 15.5#

68 4.3 4.5 6.7#

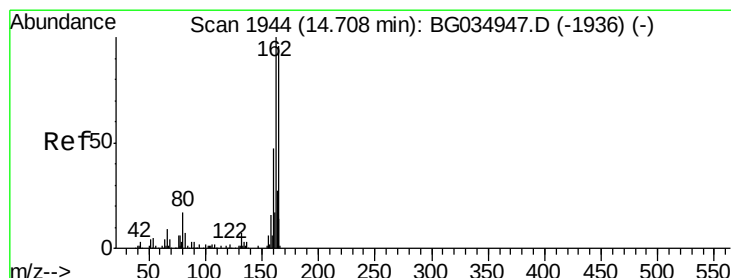
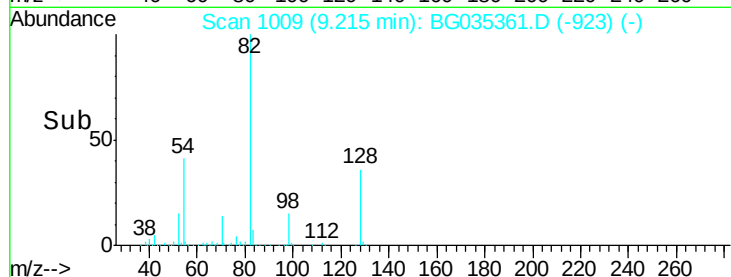
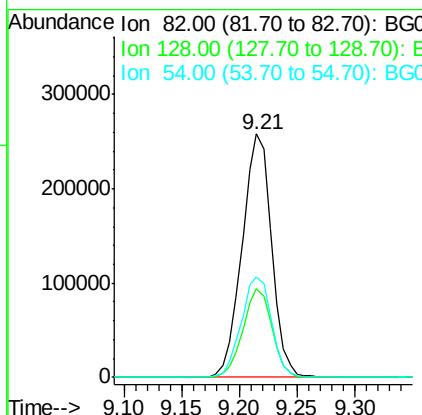
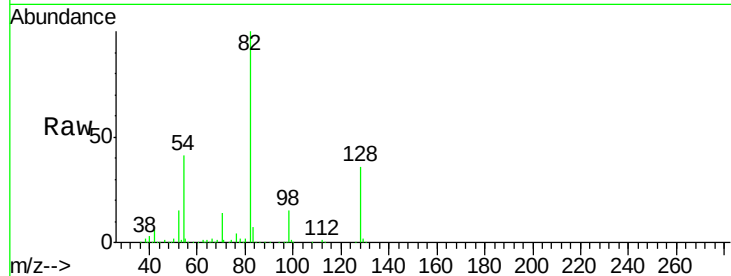




#23
 Nitrobenzene-d5
 Concen: 120.319 ng
 RT: 9.21 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035361.D
 Acq: 23 Jun 2018 10:19

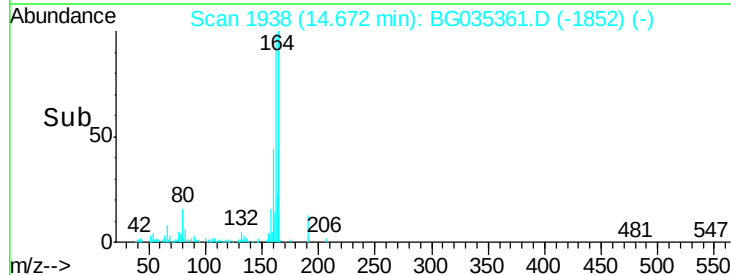
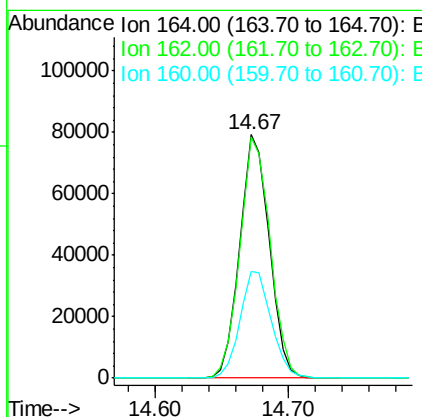
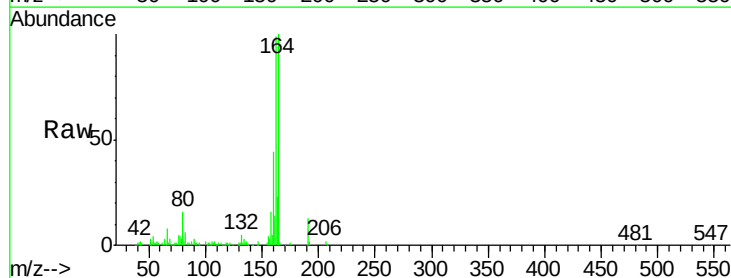
Instrument :
 BNA_G
 ClientSampleId :
 061918-TIPC-E-D-M

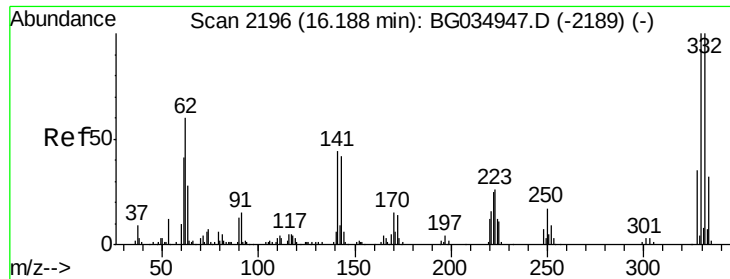
Tgt Ion: 82 Resp: 457784
 Ion Ratio Lower Upper
 82 100
 128 36.2 29.7 44.5
 54 41.0 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035361.D
 Acq: 23 Jun 2018 10:19

Tgt Ion: 164 Resp: 121133
 Ion Ratio Lower Upper
 164 100
 162 98.8 78.8 118.2
 160 43.6 35.4 53.0

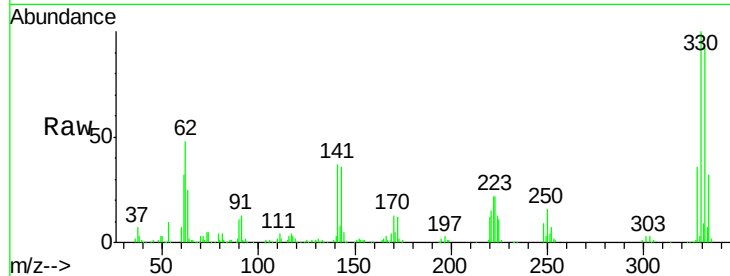




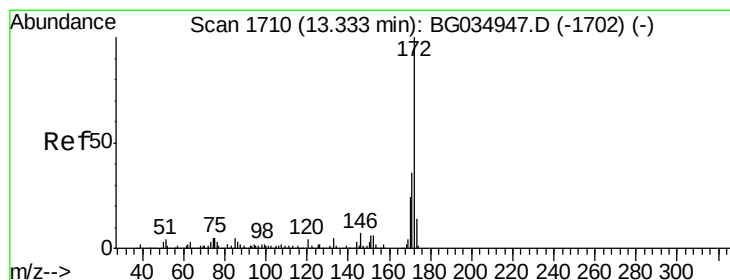
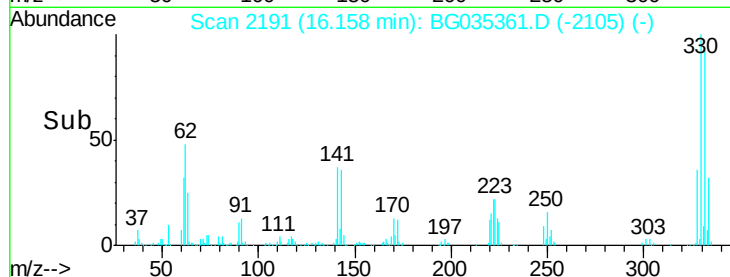
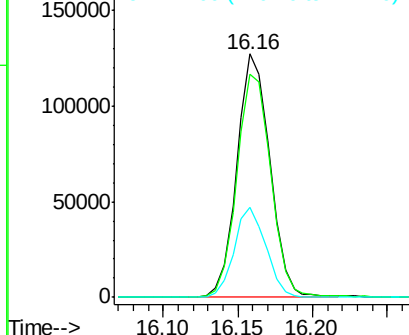
#41
 2,4,6-Tribromophenol
 Concen: 125.827 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035361.D
 Acq: 23 Jun 2018 10:19

Instrument :
 BNA_G
 ClientSampleId :
 061918-TIPC-E-D-M

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.2	77.0	115.6
141	35.9	25.2	37.8

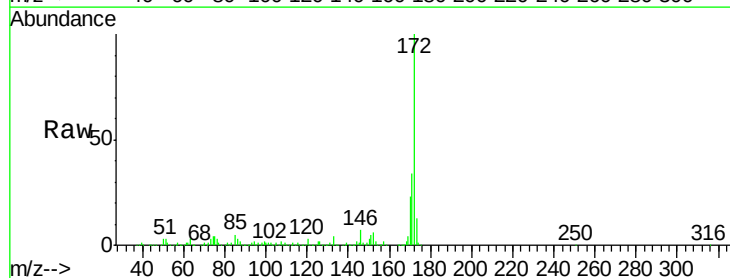


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

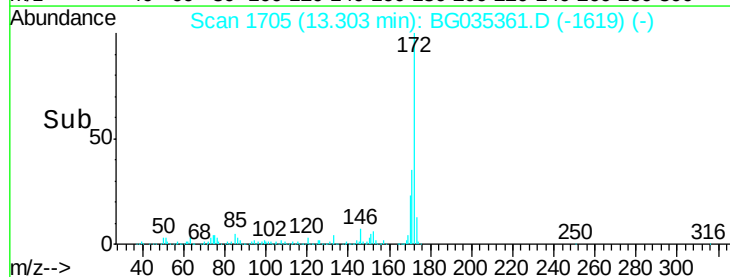
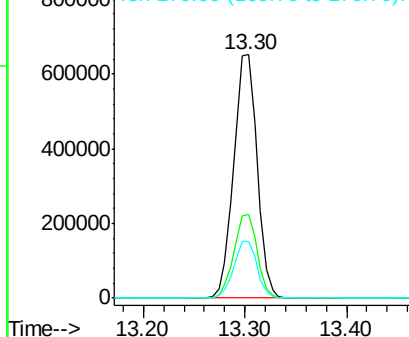


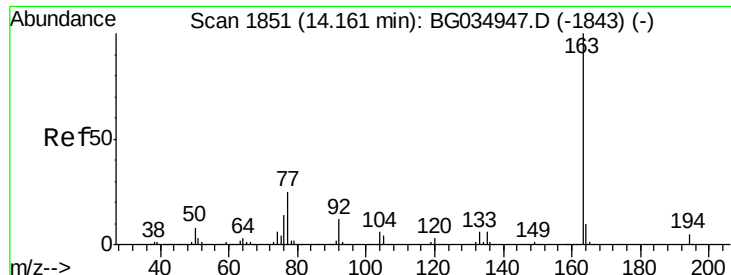
#44
 2-Fluorobiphenyl
 Concen: 112.164 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035361.D
 Acq: 23 Jun 2018 10:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.5	30.0	45.0
170	23.3	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: 4.412 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.04 min

Lab File: BG035361.D

Acq: 23 Jun 2018 10:19

Instrument :

BNA_G

ClientSampleId :

061918-TIPC-E-D-M

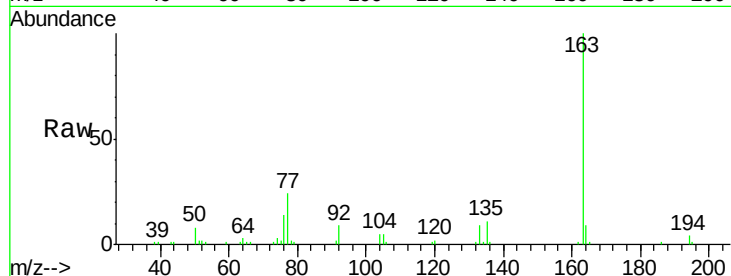
Tgt Ion:163 Resp: 46601

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

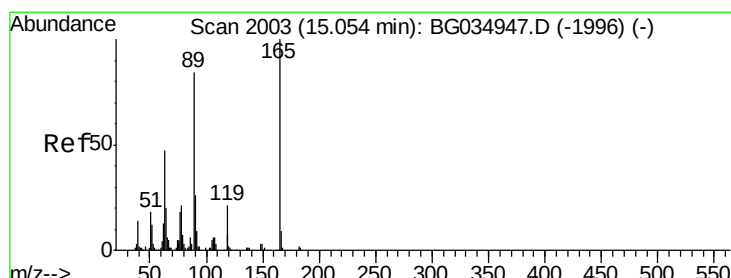
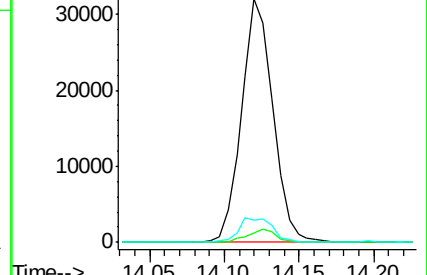
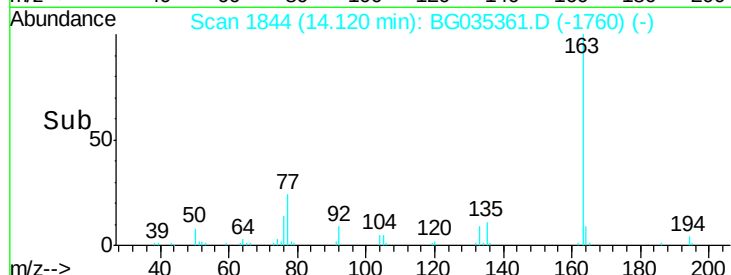
164 9.3 8.2 12.4



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



#56

2,4-Dinitrotoluene

Concen: 6.280 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.38 min

Lab File: BG035361.D

Acq: 23 Jun 2018 10:19

Tgt Ion:165 Resp: 16077

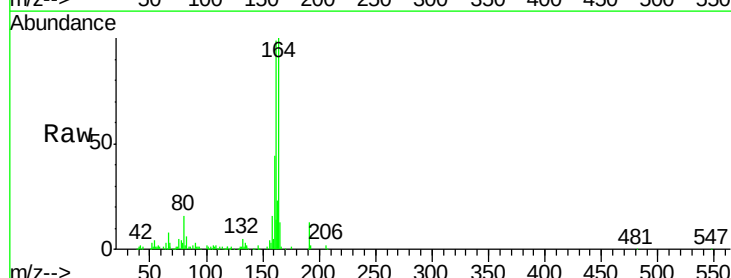
Ion Ratio Lower Upper

165 100

63 3.7 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

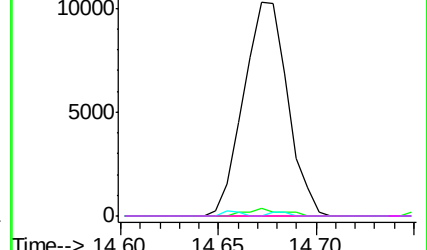
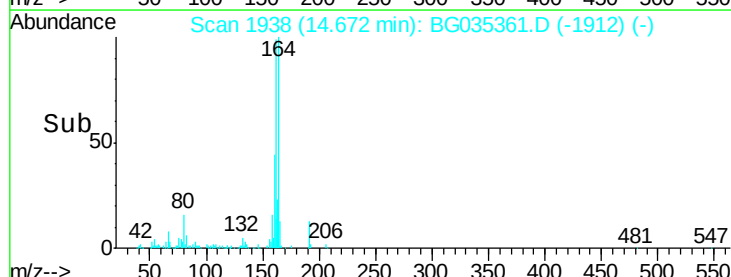


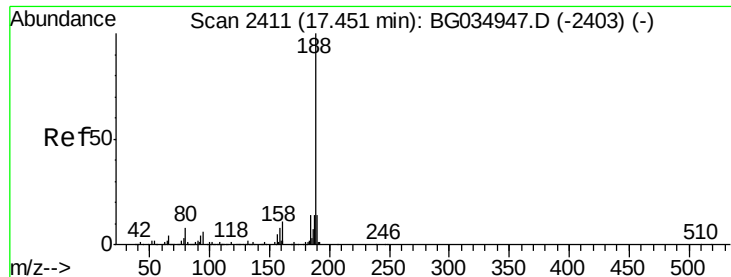
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG0

Ion 89.00 (88.70 to 89.70): BG0

Ion 182.00 (181.70 to 182.70): E

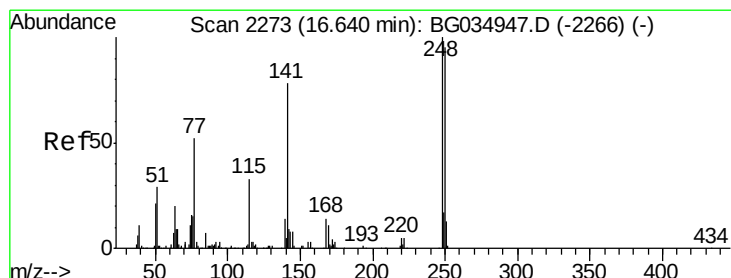
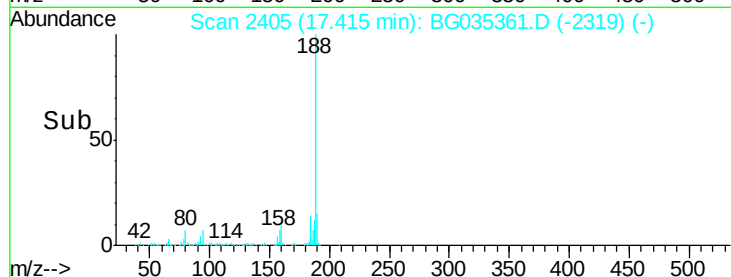
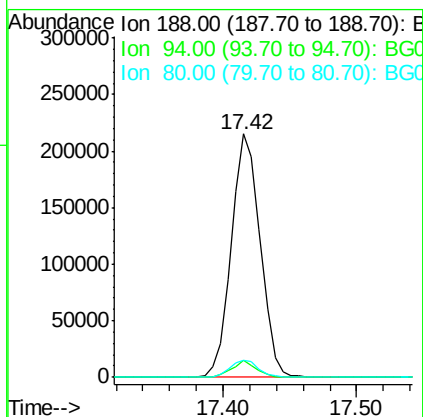
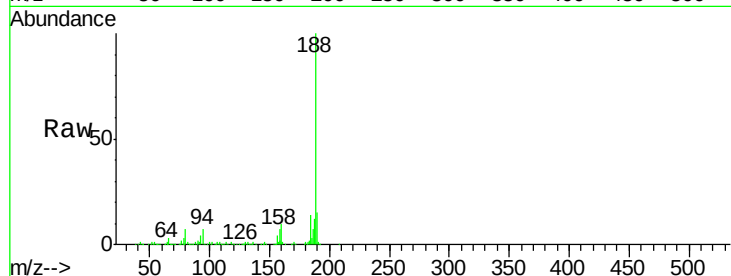




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035361.D
Acq: 23 Jun 2018 10:19

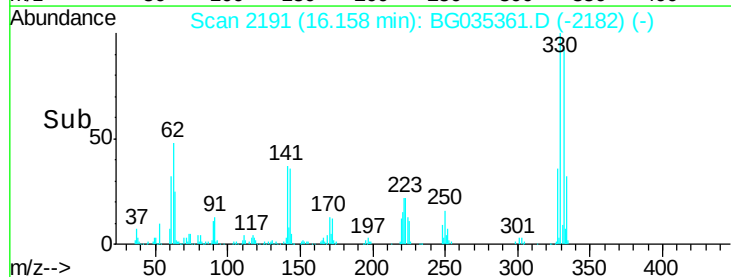
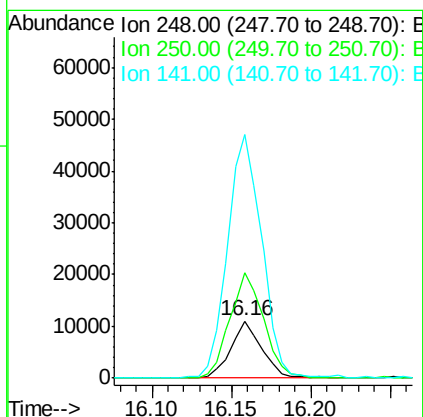
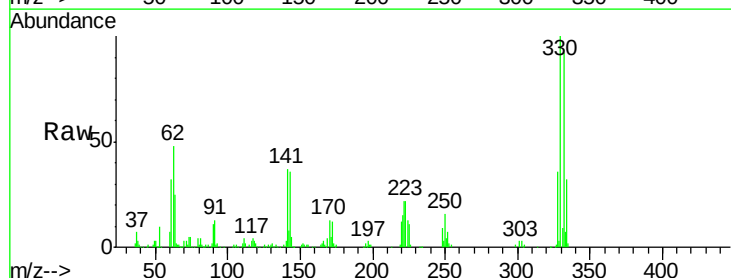
Instrument :
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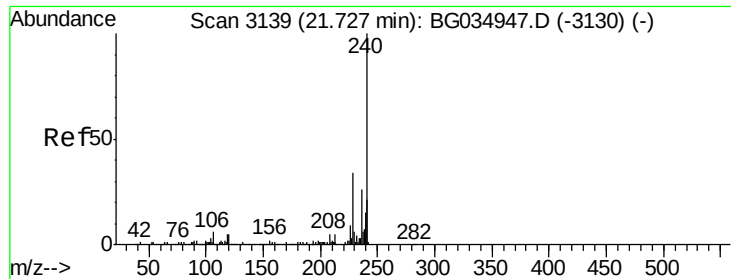
Tgt Ion:188 Resp: 324372
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3
80 6.9 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 3.835 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.48 min
Lab File: BG035361.D
Acq: 23 Jun 2018 10:19

Tgt Ion:248 Resp: 14981
Ion Ratio Lower Upper
248 100
250 185.2 77.1 115.7#
141 426.2 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: BG035361.D

Acq: 23 Jun 2018 10:19

Instrument :

BNA_G

ClientSampleId :

061918-TIPC-E-D-M

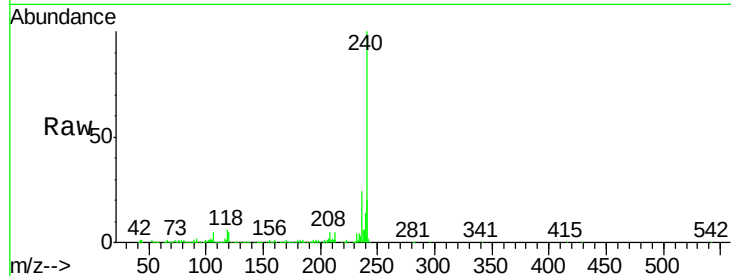
Tgt Ion:240 Resp: 363963

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

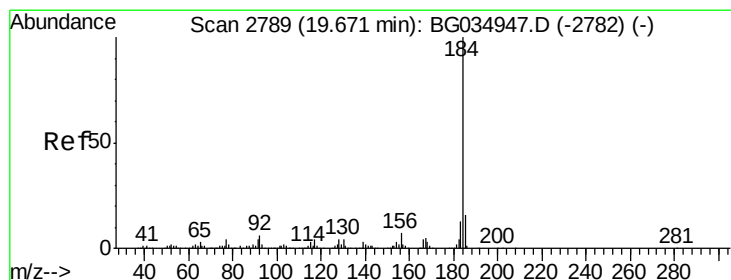
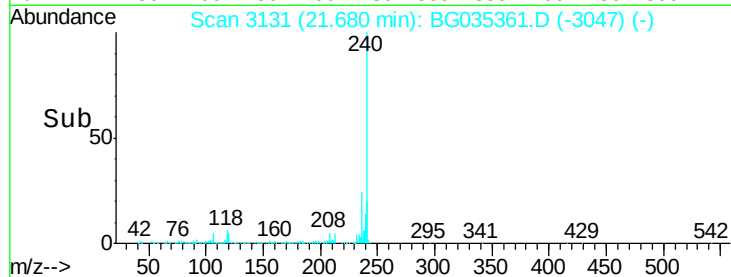
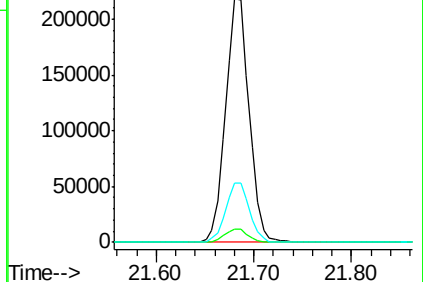
236 24.4 20.9 31.3



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



#76

Benzidine

Concen: 2.325 ng

RT: 20.02 min Scan# 2849

Delta R.T. 0.36 min

Lab File: BG035361.D

Acq: 23 Jun 2018 10:19

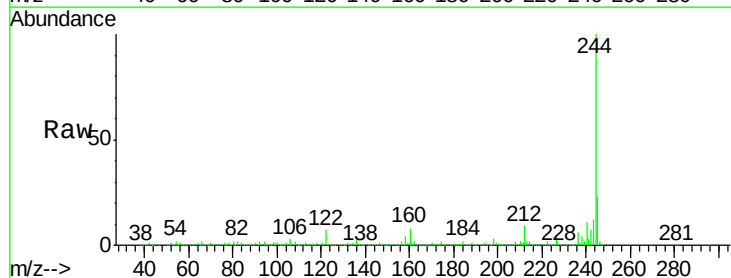
Tgt Ion:184 Resp: 31481

Ion Ratio Lower Upper

184 100

185 13.7 11.1 16.7

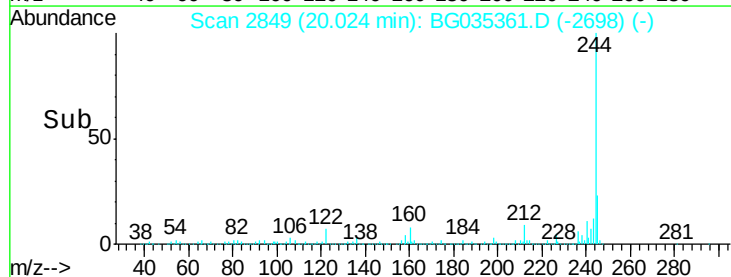
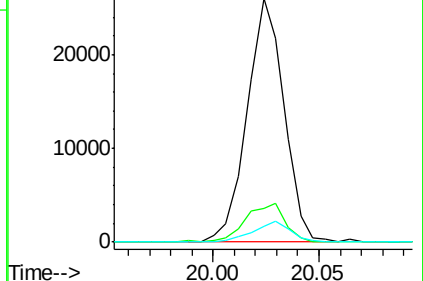
183 6.7 10.6 16.0#

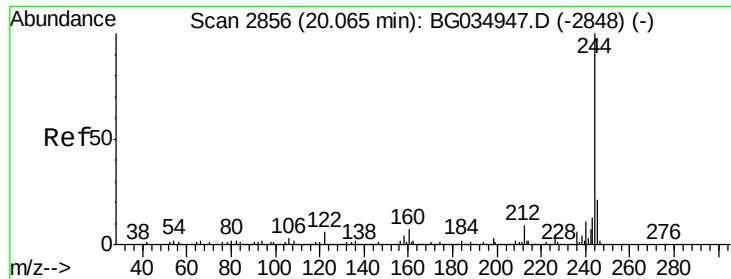


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 98.965 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035361.D

Acq: 23 Jun 2018 10:19

Instrument :

BNA_G

ClientSampleId :

061918-TIPC-E-D-M

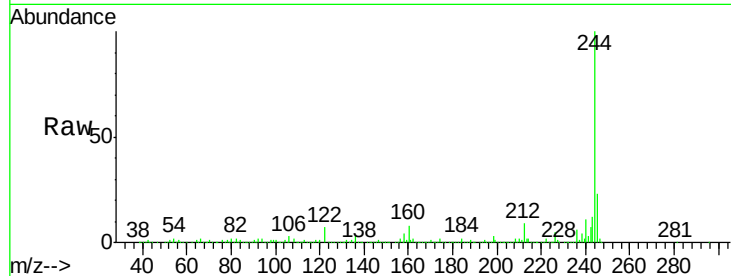
Tgt Ion:244 Resp: 1719574

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

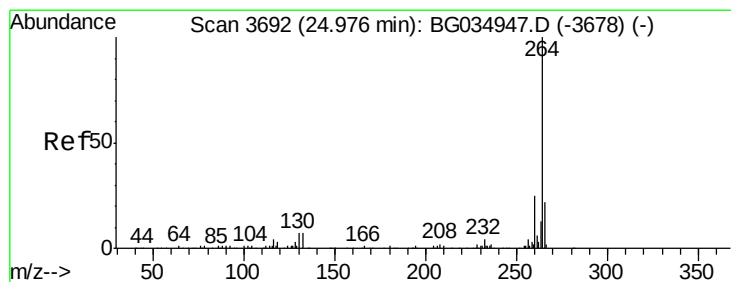
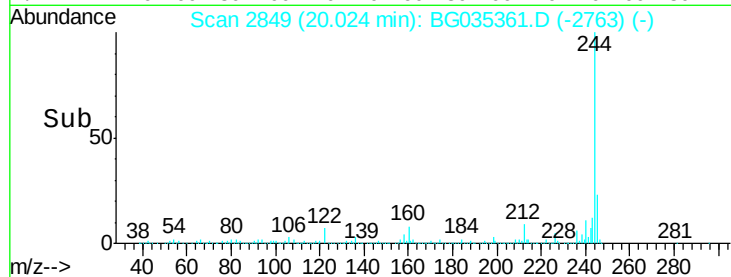
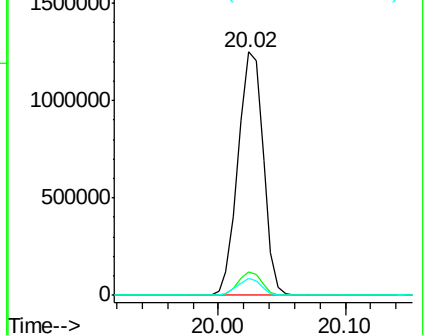
122 6.9 7.0 10.4#



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: BG035361.D

Acq: 23 Jun 2018 10:19

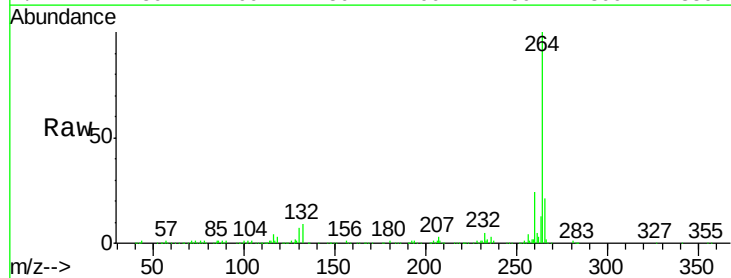
Tgt Ion:264 Resp: 349668

Ion Ratio Lower Upper

264 100

260 24.3 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

