

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062218\
 Data File : BG035360.D
 Acq On : 23 Jun 2018 9:41
 Operator : JU/SJ
 Sample : J3587-08
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 061818-TPIC-F-U-S

Quant Time: Jun 25 05:48:28 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

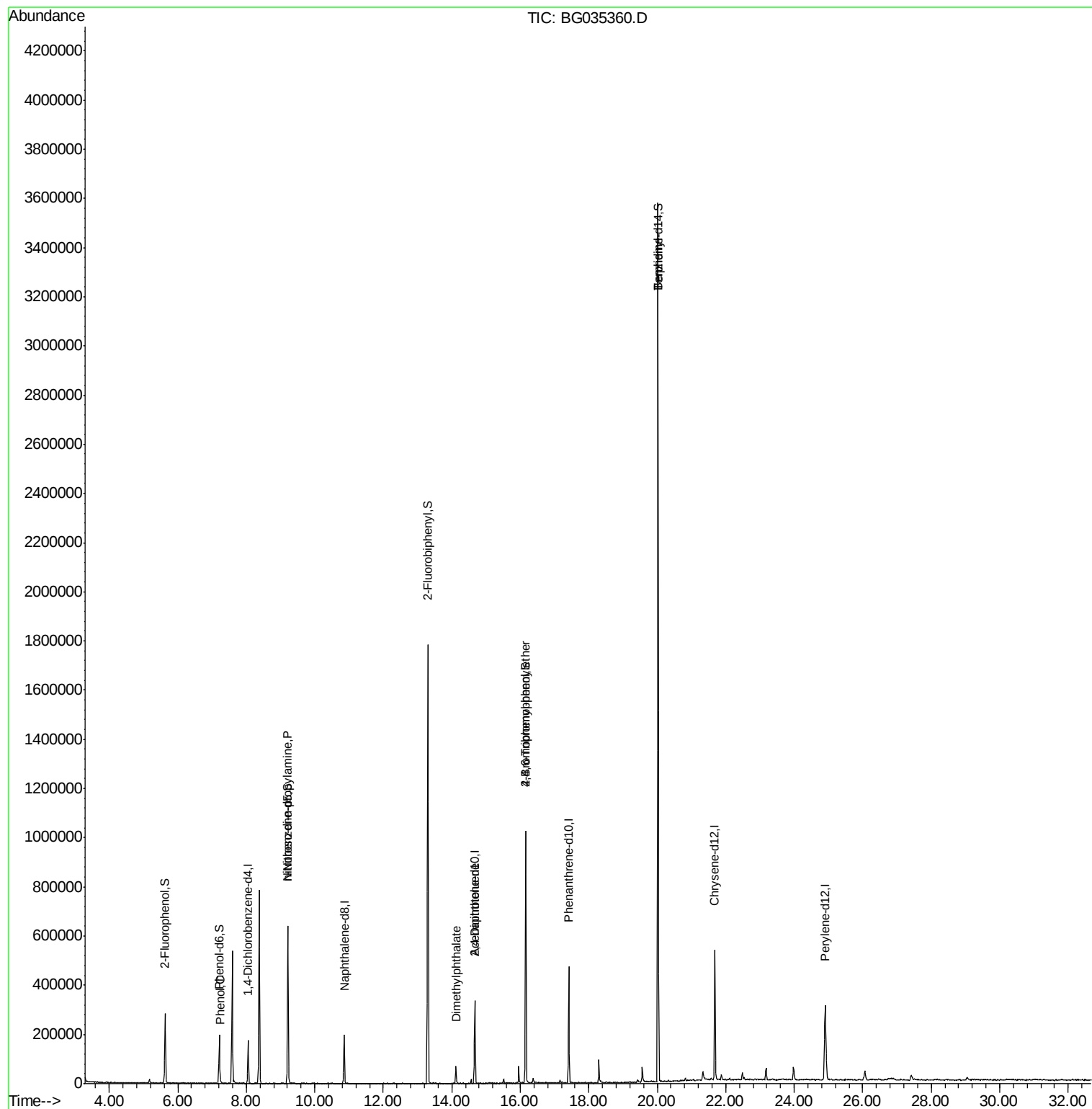
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49665	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	167323	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	111456	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	299310	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	346231	20.00	ng	-0.04
86) Perylene-d12	24.91	264	331935	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	129177	43.89	ng	-0.01
7) Phenol-d6	7.21	99	124456	28.65	ng	-0.01
23) Nitrobenzene-d5	9.22	82	421885	119.85	ng	-0.02
41) 2,4,6-Tribromophenol	16.16	330	185991	130.36	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	983831	114.75	ng	-0.02
78) Terphenyl-d14	20.02	244	1658514	100.34	ng	-0.02
Target Compounds						
10) Phenol	7.24	94	9327	2.075	ng	87
19) n-Nitroso-di-n-propylamine	9.22	70	57892	15.688	ng	# 67
49) Dimethylphthalate	14.12	163	46228	4.756	ng	99
56) 2,4-Dinitrotoluene	14.67	165	15019	6.376	ng	# 21
66) 4-Bromophenyl-phenylether	16.16	248	14513	4.026	ng	# 1
76) Benzidine	20.02	184	28362	2.202	ng	# 91

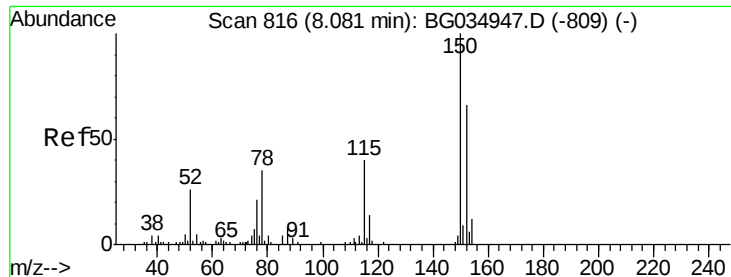
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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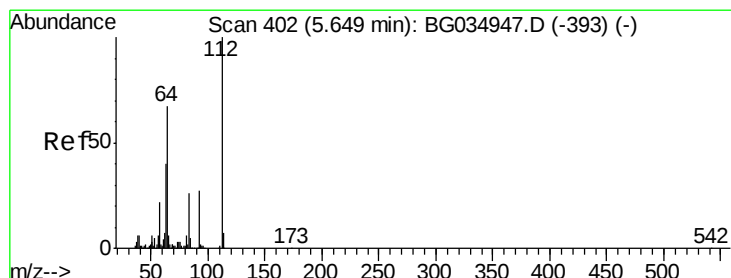
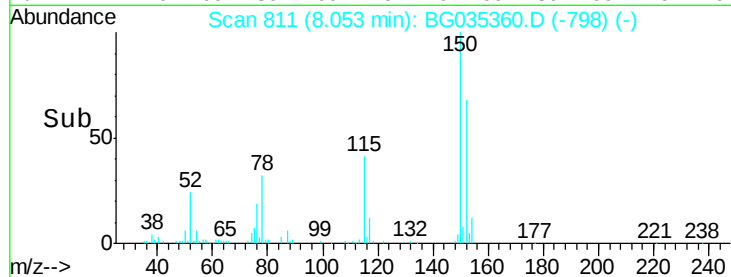
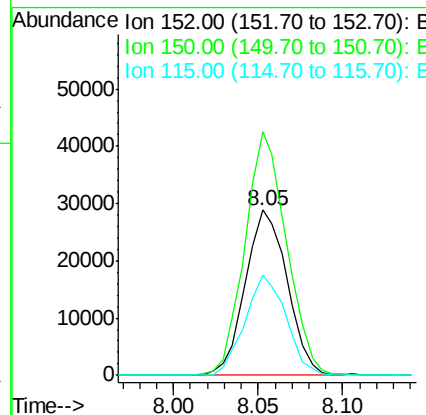
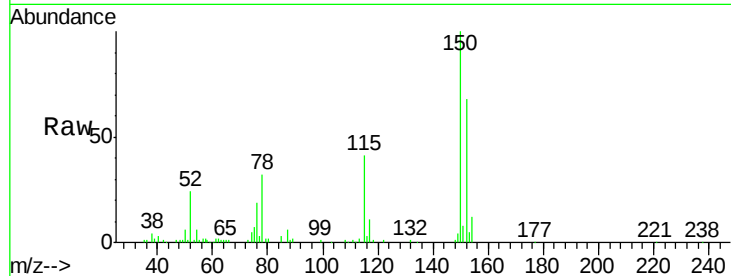


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 811
Delta R.T. -0.02 min
Lab File: BG035360.D
Acq: 23 Jun 2018 9:41

Instrument :
BNA_G
ClientSampleId :
061818-TPIC-F-U-S

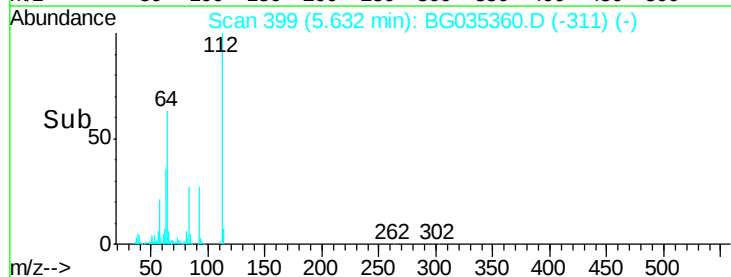
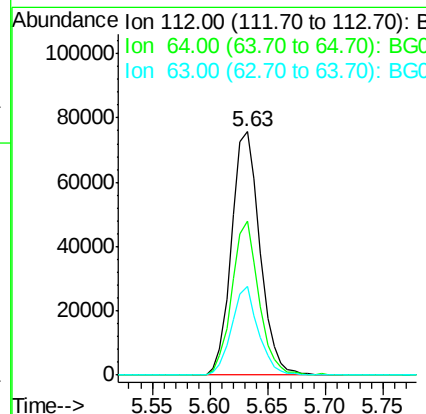
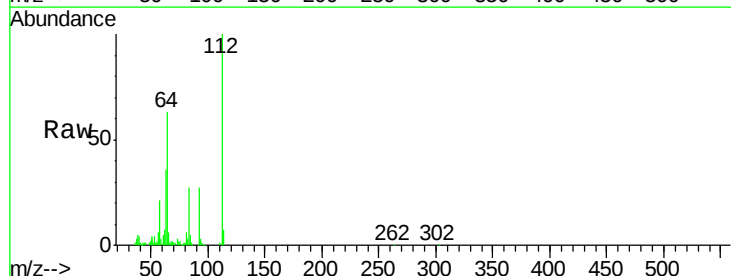
Tgt Ion:152 Resp: 49665
Ion Ratio Lower Upper
152 100
150 147.2 126.6 189.8
115 60.7 53.0 79.4

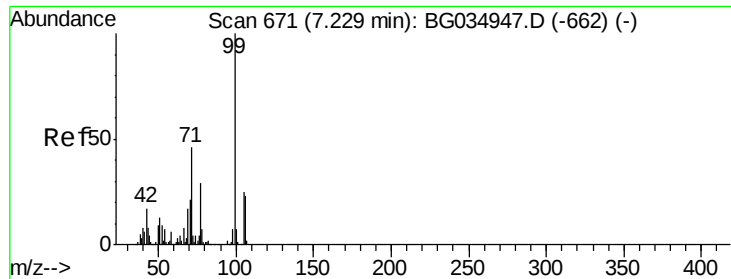


#5

2-Fluorophenol
Concen: 43.894 ng
RT: 5.63 min Scan# 399
Delta R.T. -0.01 min
Lab File: BG035360.D
Acq: 23 Jun 2018 9:41

Tgt Ion:112 Resp: 129177
Ion Ratio Lower Upper
112 100
64 63.4 56.3 84.5
63 36.4 30.1 45.1





#7

Phenol-d6

Concen: 28.653 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035360.D

Acq: 23 Jun 2018 9:41

Instrument :

BNA_G

ClientSampleId :

061818-TPIC-F-U-S

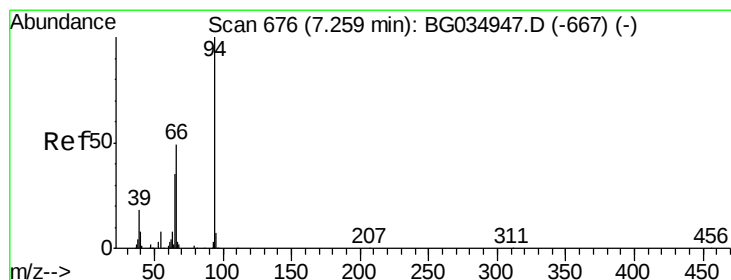
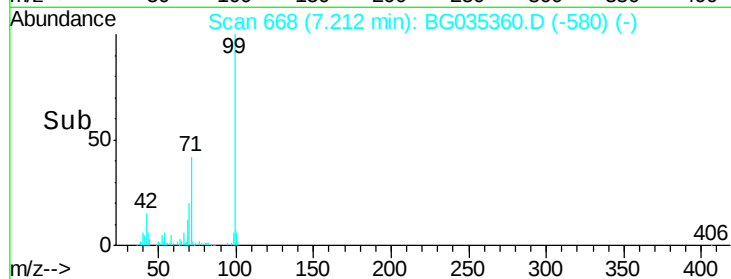
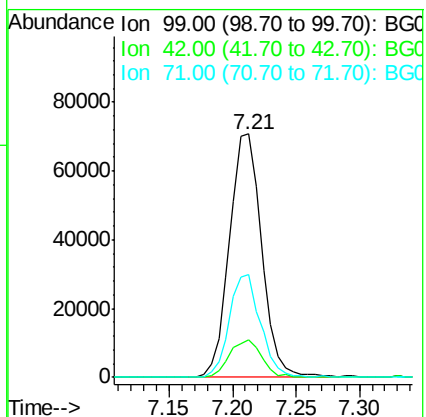
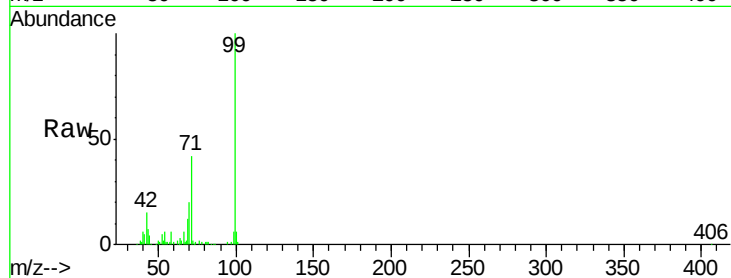
Tgt Ion: 99 Resp: 124456

Ion Ratio Lower Upper

99 100

42 15.2 14.1 21.1

71 42.2 26.1 39.1#



#10

Phenol

Concen: 2.075 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.02 min

Lab File: BG035360.D

Acq: 23 Jun 2018 9:41

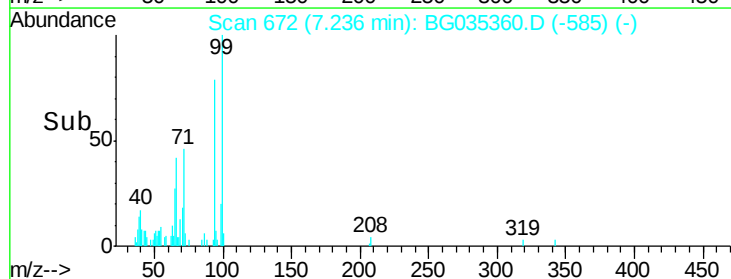
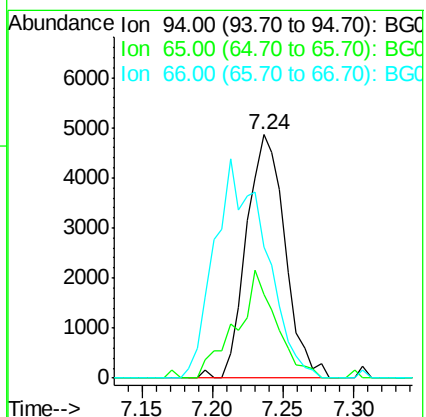
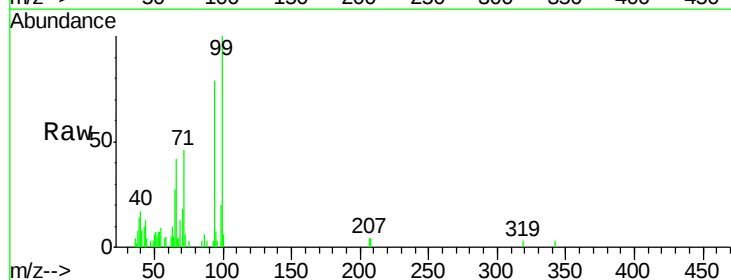
Tgt Ion: 94 Resp: 9327

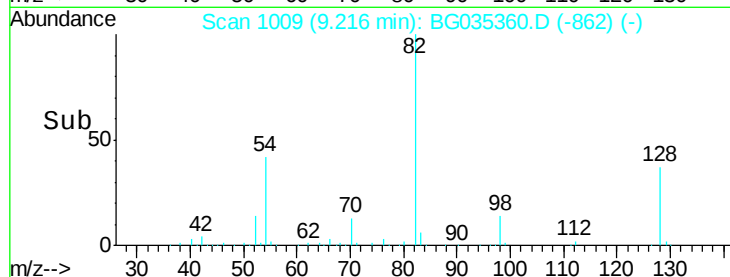
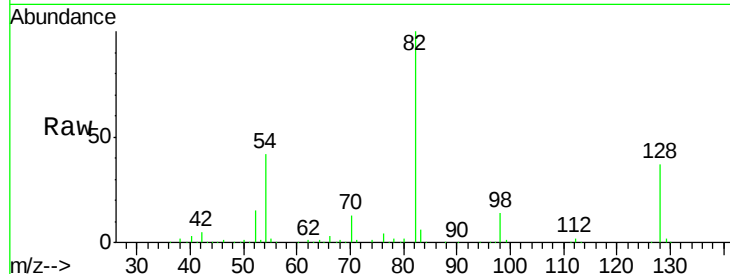
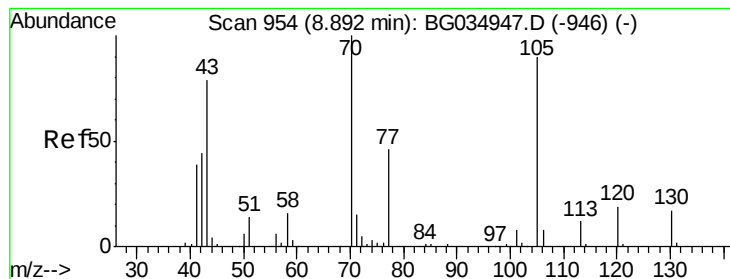
Ion Ratio Lower Upper

94 100

65 34.6 11.9 51.9

66 53.9 22.2 62.2





#19

n-Nitroso-di-n-propylamine

Concen: 15.688 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.33 min

Lab File: BG035360.D

Acq: 23 Jun 2018 9:41

Instrument :

BNA_G

ClientSampleId :

061818-TPIC-F-U-S

Tgt Ion: 70 Resp: 57892

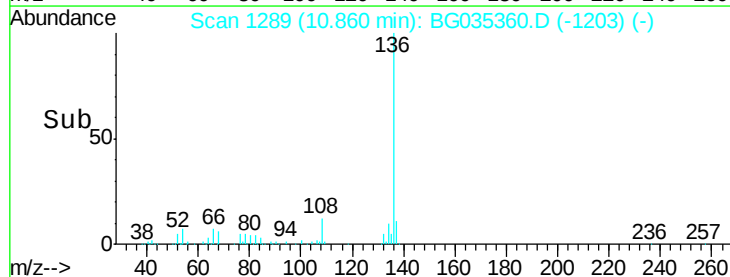
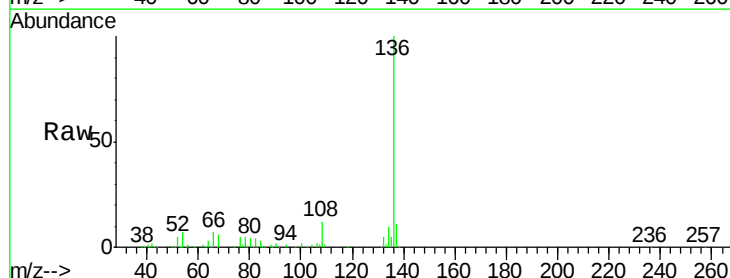
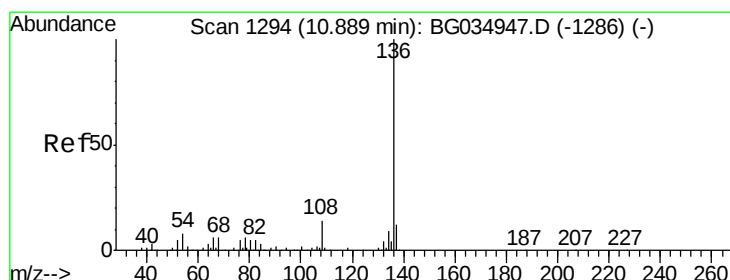
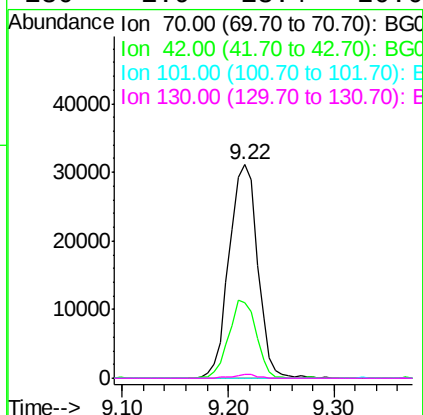
Ion Ratio Lower Upper

70 100

42 35.3 49.1 73.7#

101 0.0 8.5 12.7#

130 1.9 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: BG035360.D

Acq: 23 Jun 2018 9:41

Tgt Ion: 136 Resp: 167323

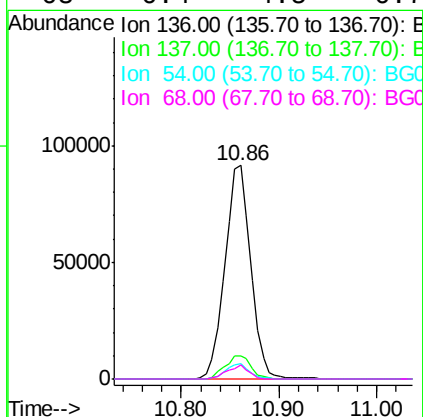
Ion Ratio Lower Upper

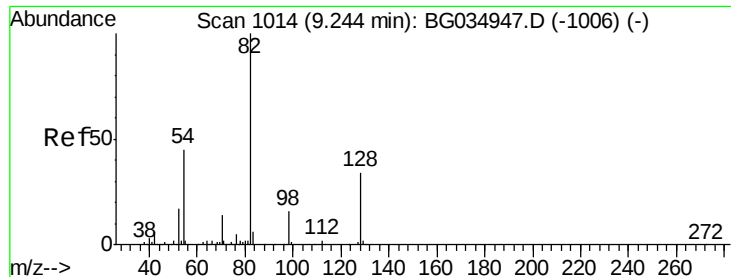
136 100

137 10.8 9.2 13.8

54 7.0 10.3 15.5#

68 6.4 4.5 6.7

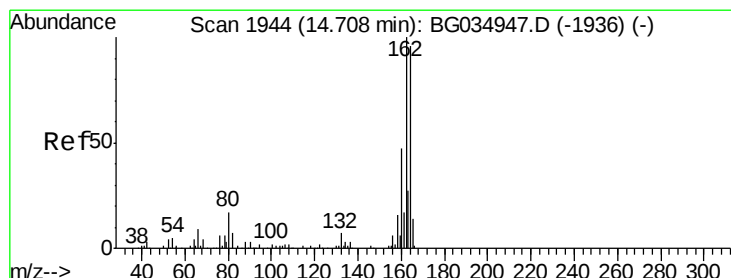
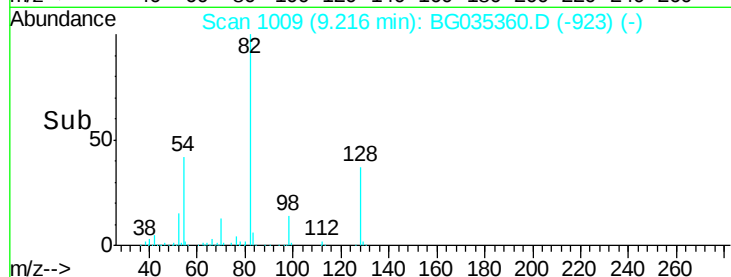
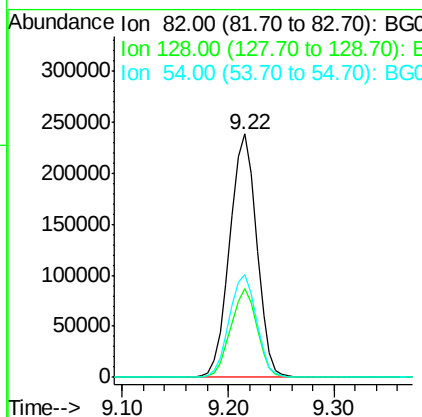
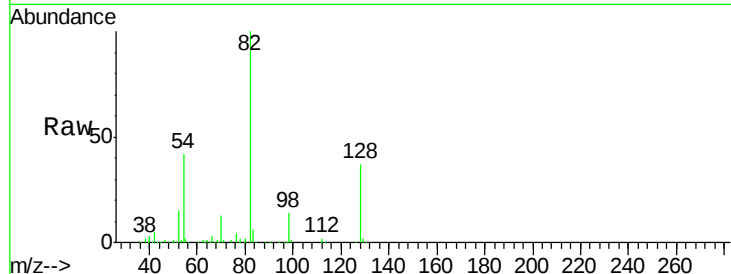




#23
 Nitrobenzene-d5
 Concen: 119.852 ng
 RT: 9.22 min Scan# 1009
 Delta R.T. -0.02 min
 Lab File: BG035360.D
 Acq: 23 Jun 2018 9:41

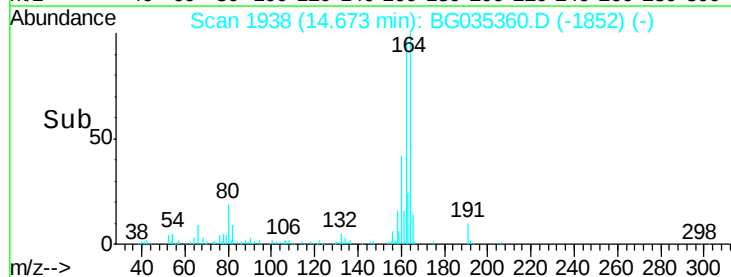
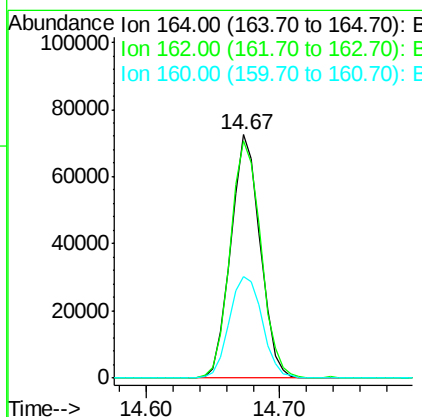
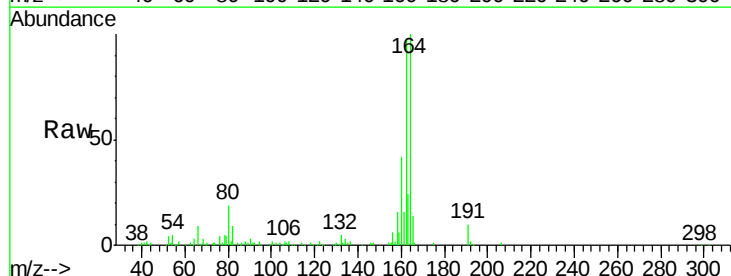
Instrument :
 BNA_G
 ClientSampleId :
 061818-TPIC-F-U-S

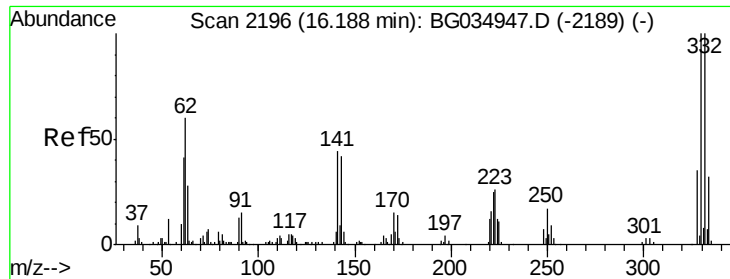
Tgt Ion	Ratio	Lower	Upper
82	100		
128	36.6	29.7	44.5
54	42.3	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.02 min
 Lab File: BG035360.D
 Acq: 23 Jun 2018 9:41

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.3	78.8	118.2
160	41.9	35.4	53.0

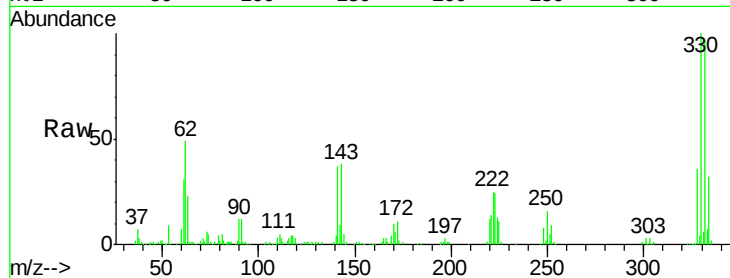




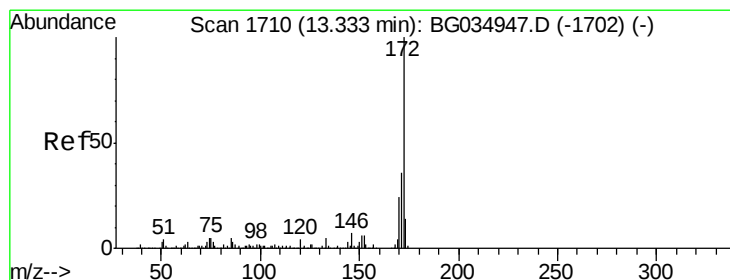
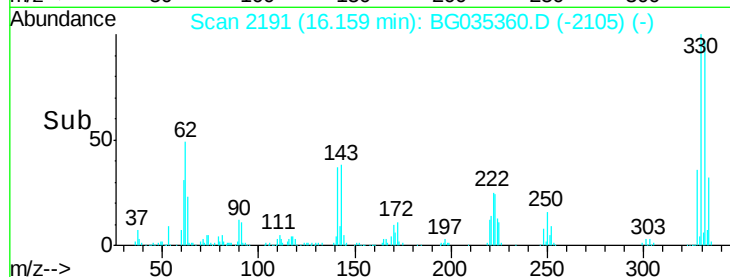
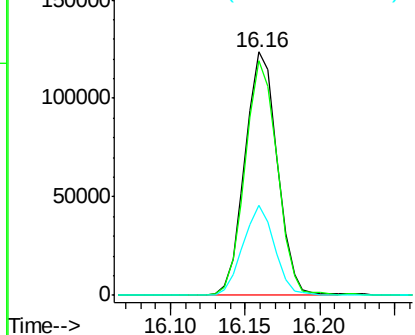
#41
 2,4,6-Tribromophenol
 Concen: 130.357 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.02 min
 Lab File: BG035360.D
 Acq: 23 Jun 2018 9:41

Instrument :
 BNA_G
 ClientSampleId :
 061818-TPIC-F-U-S

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	185991		
332	95.5	77.0	115.6	
141	36.2	25.2	37.8	

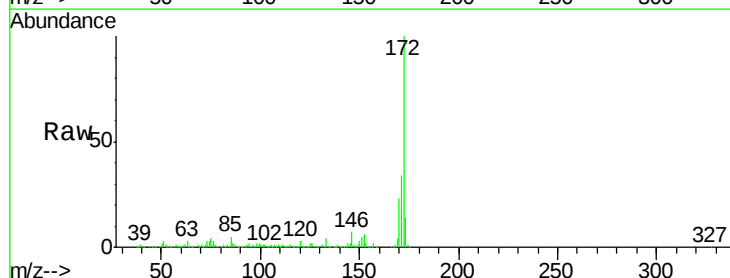


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

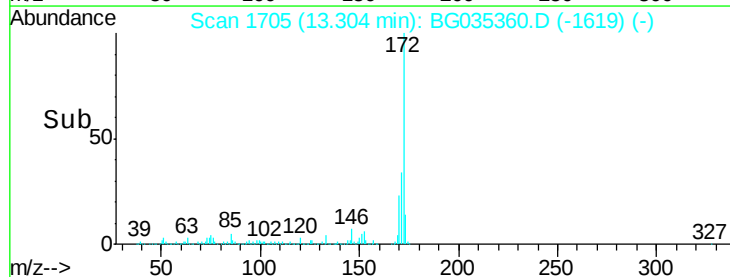
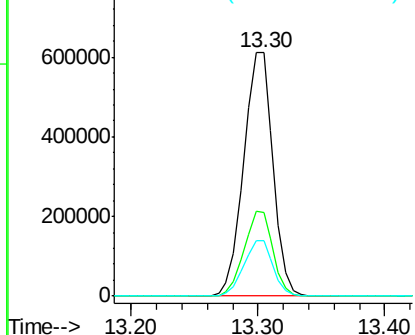


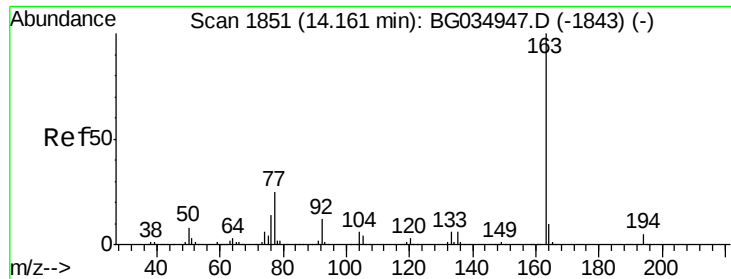
#44
 2-Fluorobiphenyl
 Concen: 114.752 ng
 RT: 13.30 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035360.D
 Acq: 23 Jun 2018 9:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	983831		
171	34.3	30.0	45.0	
170	22.9	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: 4.756 ng

RT: 14.12 min Scan# 1844

Delta R.T. -0.04 min

Lab File: BG035360.D

Acq: 23 Jun 2018 9:41

Instrument :

BNA_G

ClientSampleId :

061818-TPIC-F-U-S

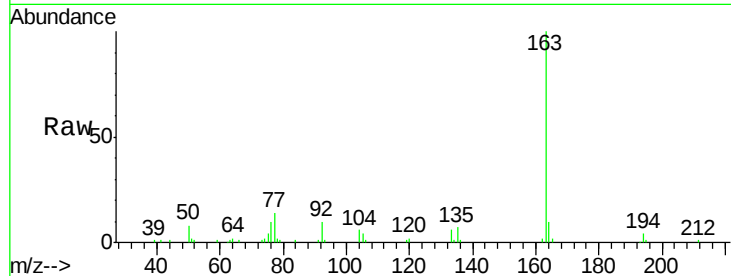
Tgt Ion:163 Resp: 46228

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

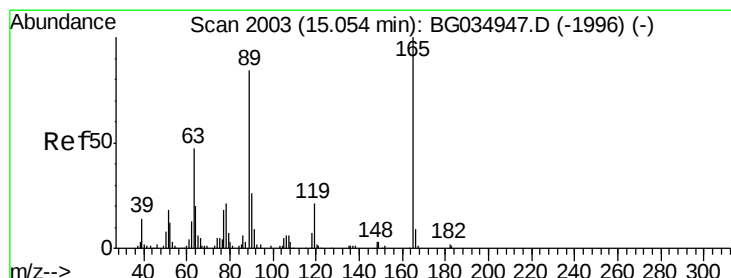
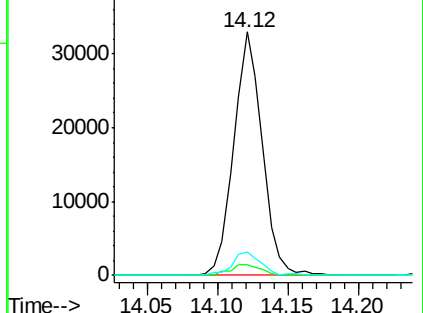
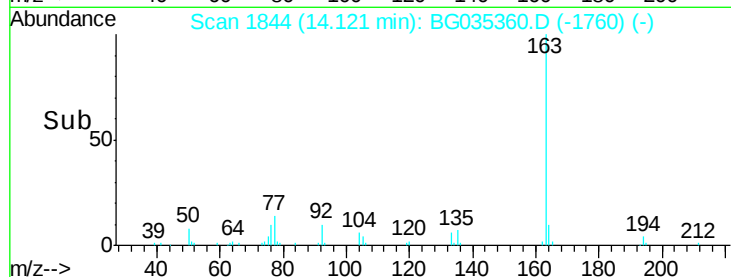
164 9.8 8.2 12.4



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



#56

2,4-Dinitrotoluene

Concen: 6.376 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.38 min

Lab File: BG035360.D

Acq: 23 Jun 2018 9:41

Tgt Ion:165 Resp: 15019

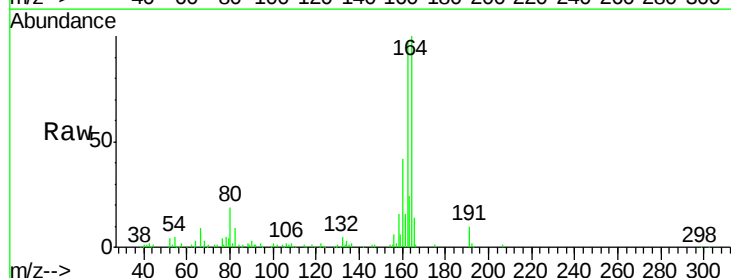
Ion Ratio Lower Upper

165 100

63 3.0 42.0 63.0#

89 4.5 66.9 100.3#

182 0.0 2.6 3.8#

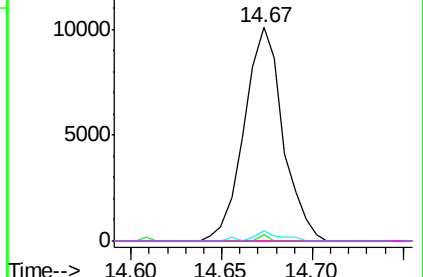
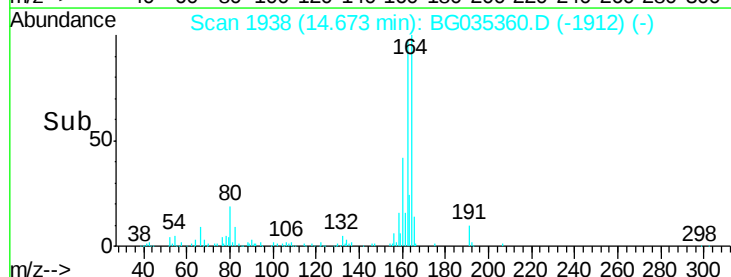


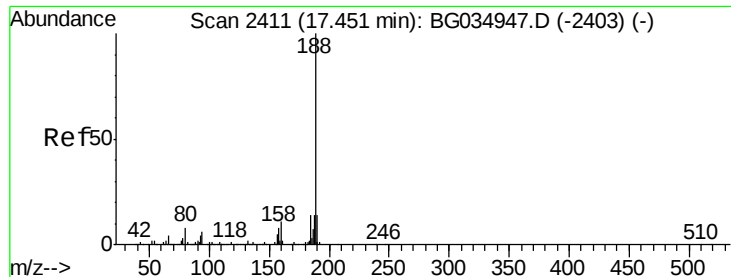
Abundance Ion 165.00 (164.70 to 165.70): E

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

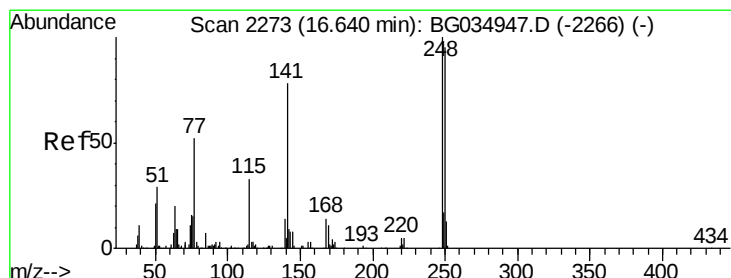
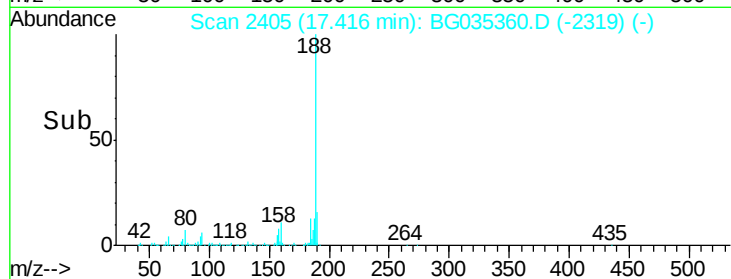
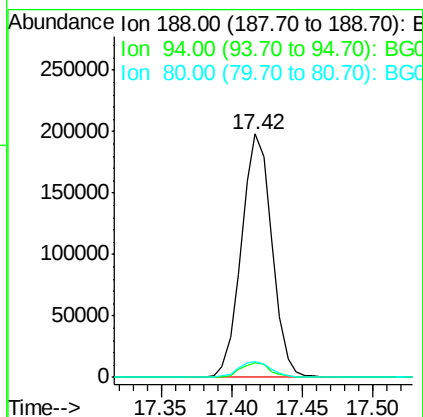
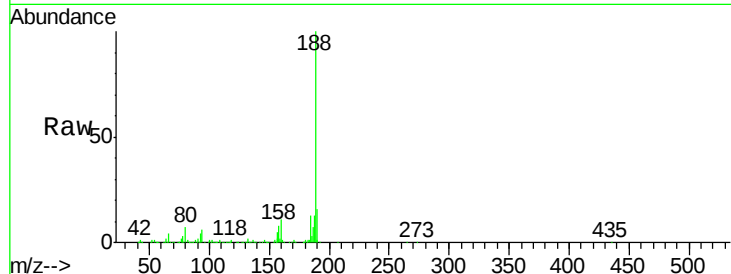




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BG035360.D
Acq: 23 Jun 2018 9:41

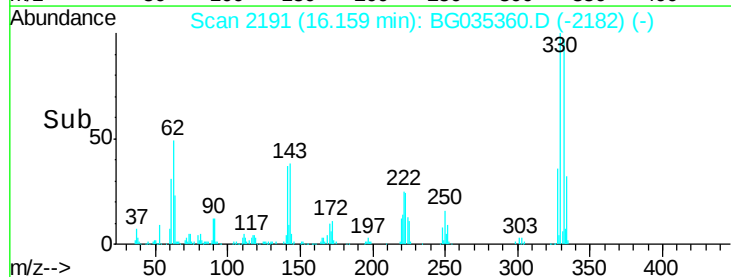
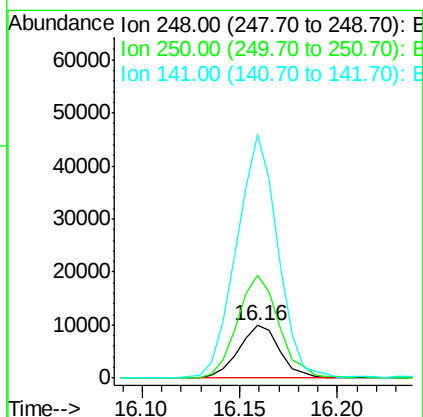
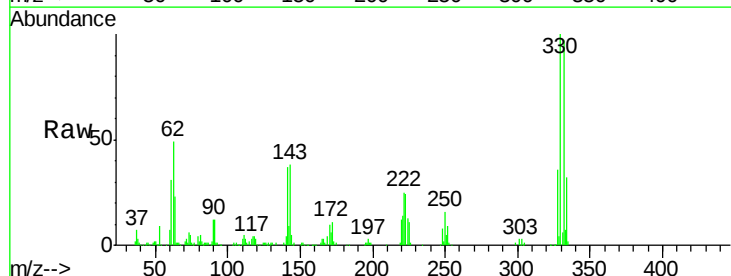
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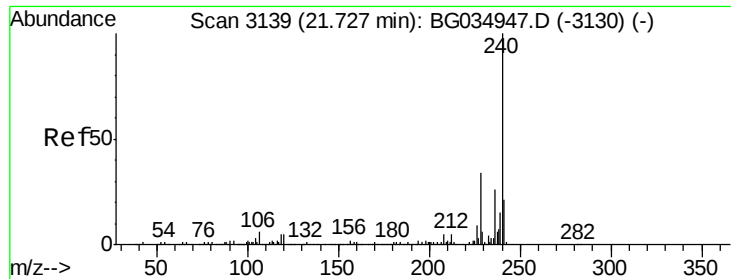
Tgt Ion:188 Resp: 299310
Ion Ratio Lower Upper
188 100
94 6.1 6.9 10.3#
80 6.7 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 4.026 ng
RT: 16.16 min Scan# 2191
Delta R.T. -0.48 min
Lab File: BG035360.D
Acq: 23 Jun 2018 9:41

Tgt Ion:248 Resp: 14513
Ion Ratio Lower Upper
248 100
250 196.0 77.1 115.7#
141 465.4 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: BG035360.D

Acq: 23 Jun 2018 9:41

Instrument :

BNA_G

ClientSampleId :

061818-TPIC-F-U-S

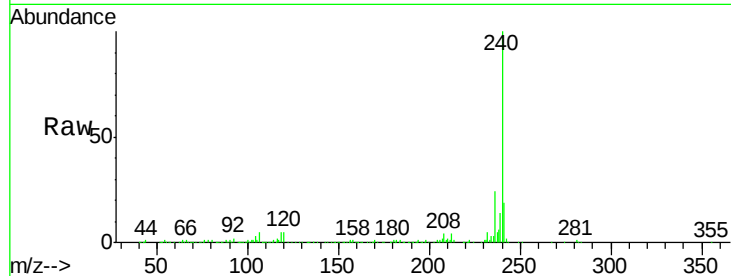
Tgt Ion:240 Resp: 346231

Ion Ratio Lower Upper

240 100

120 5.4 6.8 10.2#

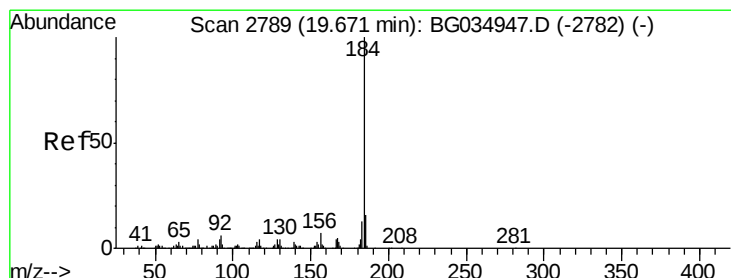
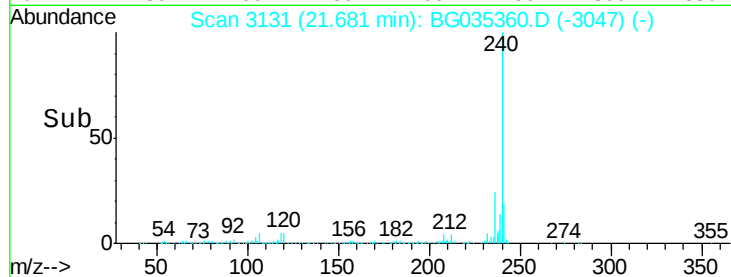
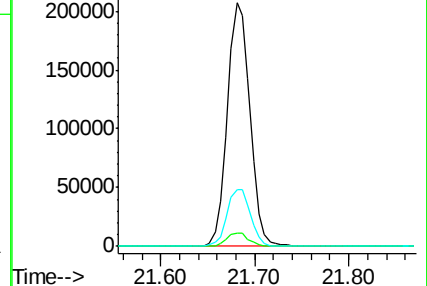
236 23.6 20.9 31.3



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: 2.202 ng

RT: 20.02 min Scan# 2849

Delta R.T. 0.36 min

Lab File: BG035360.D

Acq: 23 Jun 2018 9:41

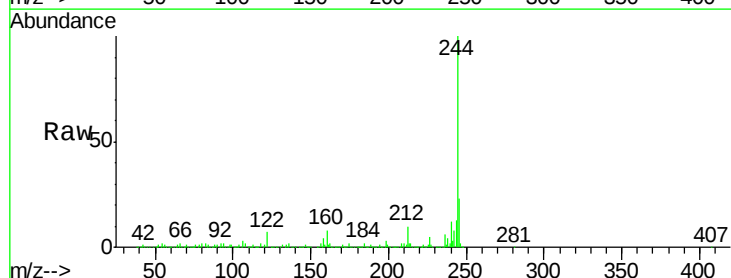
Tgt Ion:184 Resp: 28362

Ion Ratio Lower Upper

184 100

185 18.2 11.1 16.7#

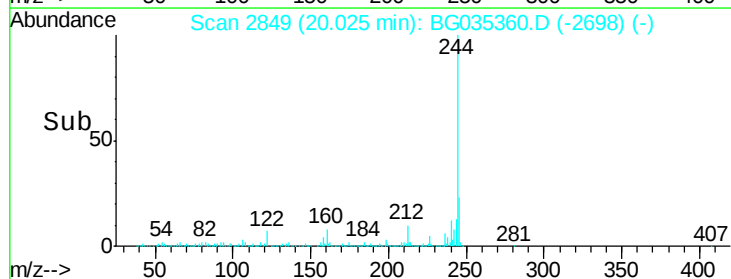
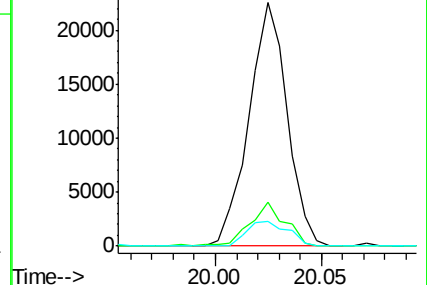
183 10.1 10.6 16.0#

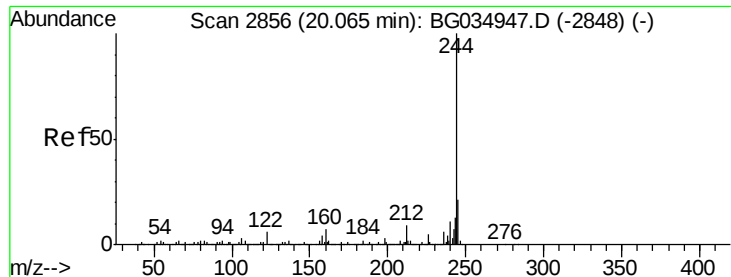


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#78

Terphenyl-d14

Concen: 100.339 ng

RT: 20.02 min Scan# 2849

Delta R.T. -0.02 min

Lab File: BG035360.D

Acq: 23 Jun 2018 9:41

Instrument :

BNA_G

ClientSampleId :

061818-TPIC-F-U-S

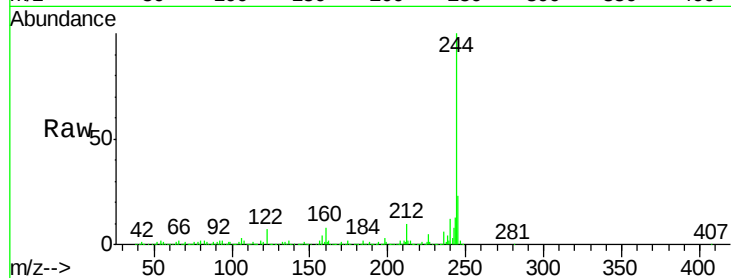
Tgt Ion:244 Resp: 1658514

Ion Ratio Lower Upper

244 100

212 9.7 5.8 8.8#

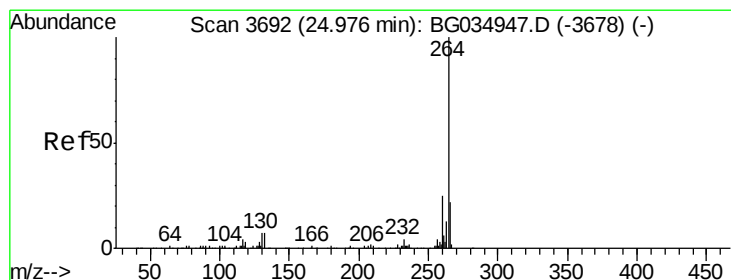
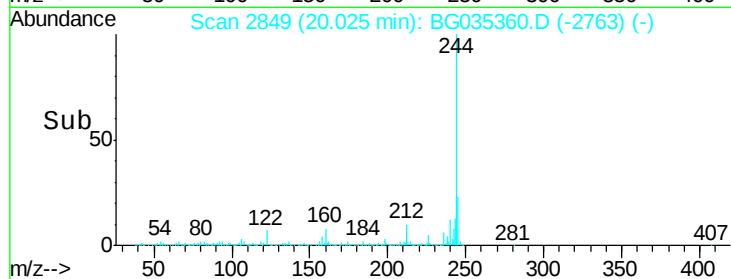
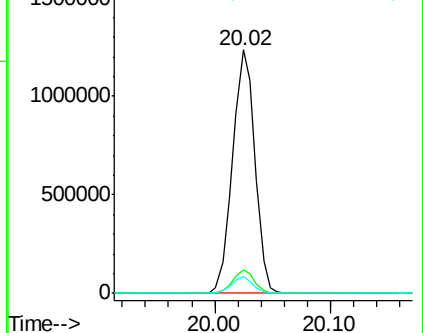
122 6.9 7.0 10.4#



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: 24.91 min Scan# 3680

Delta R.T. -0.05 min

Lab File: BG035360.D

Acq: 23 Jun 2018 9:41

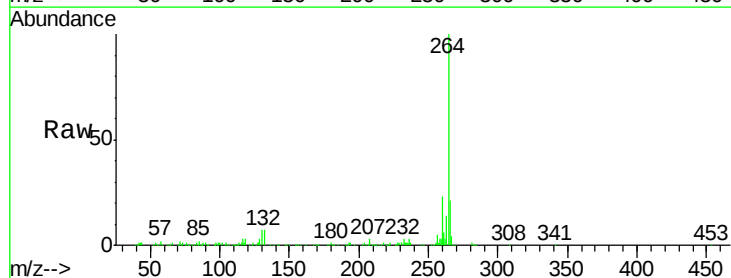
Tgt Ion:264 Resp: 331935

Ion Ratio Lower Upper

264 100

260 23.4 17.4 26.0

265 20.8 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

