

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062918\
 Data File : BG035513.D
 Acq On : 29 Jun 2018 14:17
 Operator : JU/SJ
 Sample : J3745-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-8(60-62)

Quant Time: Jun 29 18:09:58 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

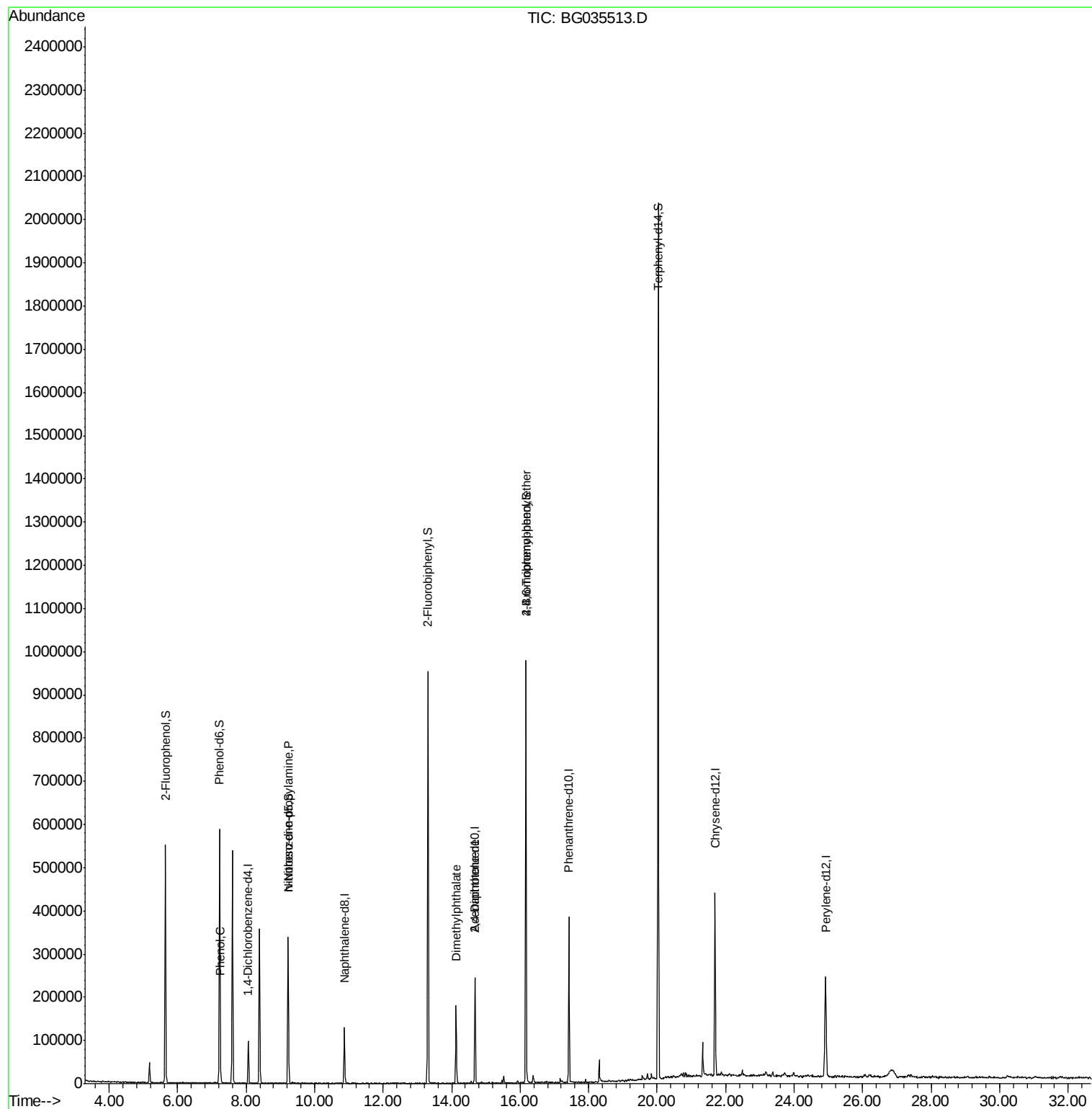
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	29494	20.00	ng	-0.02
21) Naphthalene-d8	10.87	136	109165	20.00	ng	-0.02
38) Acenaphthene-d10	14.68	164	85677	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	246364	20.00	ng	-0.02
75) Chrysene-d12	21.69	240	270222	20.00	ng	-0.03
86) Perylene-d12	24.91	264	255820	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	230358	131.81	ng	0.00
7) Phenol-d6	7.23	99	350652	135.94	ng	0.00
23) Nitrobenzene-d5	9.22	82	224856	97.91	ng	-0.02
41) 2,4,6-Tribromophenol	16.17	330	184079	167.84	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	523939	79.50	ng	-0.02
78) Terphenyl-d14	20.03	244	1031649	79.97	ng	-0.02
Target Compounds						
10) Phenol	7.25	94	5977	2.239	ng	# 59
19) n-Nitroso-di-n-propylamine	9.22	70	30262	13.809	ng	# 64
49) Dimethylphthalate	14.13	163	119457	15.989	ng	# 96
56) 2,4-Dinitrotoluene	14.68	165	12209	6.743	ng	# 16
66) 4-Bromophenyl-phenylether	16.17	248	15524	5.233	ng	# 1

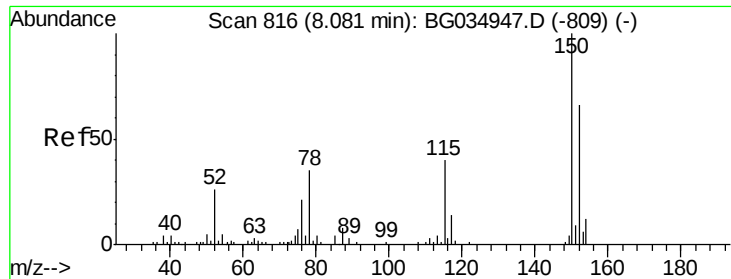
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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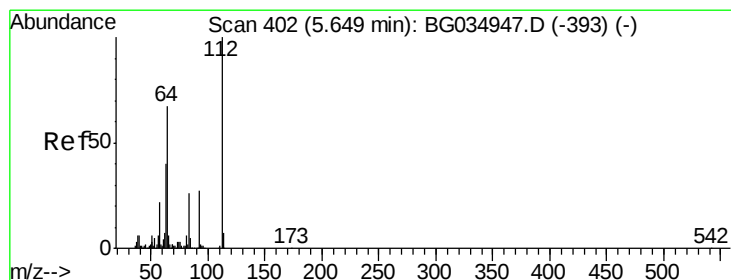
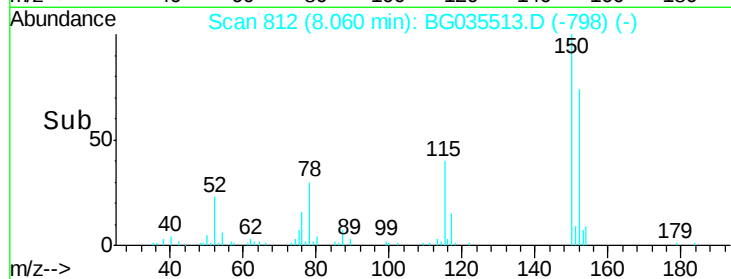
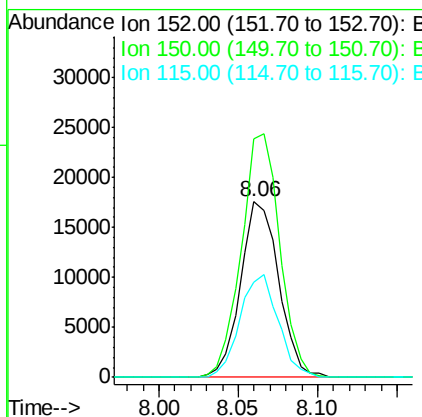
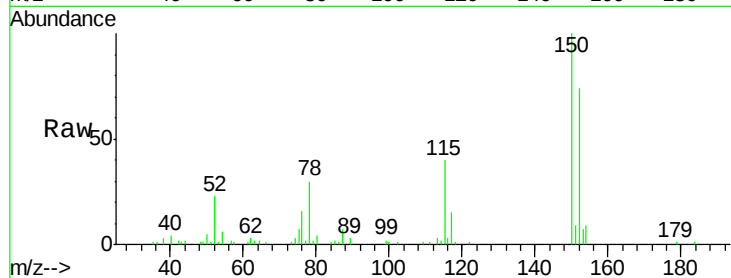


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.06 min Scan# 812
Delta R.T. -0.02 min
Lab File: BG035513.D
Acq: 29 Jun 2018 14:17

Instrument :
BNA_G
ClientSampleId :
EPE-106-8(60-62)

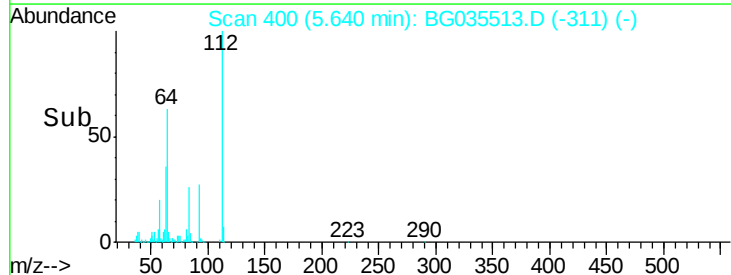
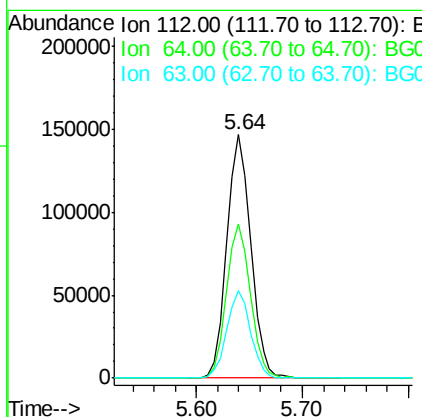
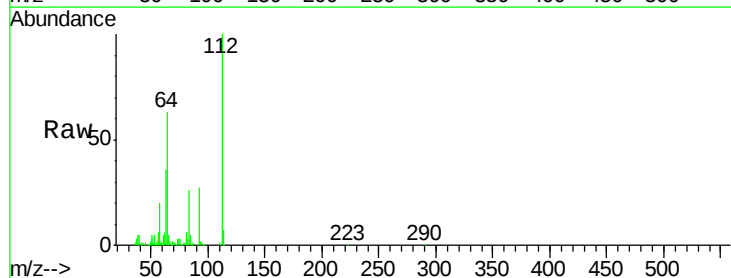
Tgt Ion:152 Resp: 29494
Ion Ratio Lower Upper
152 100
150 135.8 126.6 189.8
115 54.2 53.0 79.4

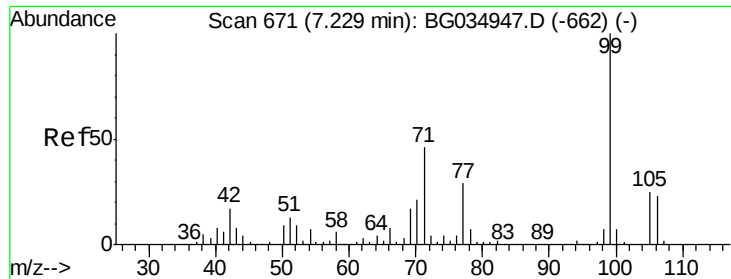


#5

2-Fluorophenol
Concen: 131.808 ng
RT: 5.64 min Scan# 400
Delta R.T. -0.00 min
Lab File: BG035513.D
Acq: 29 Jun 2018 14:17

Tgt Ion:112 Resp: 230358
Ion Ratio Lower Upper
112 100
64 63.1 56.3 84.5
63 36.0 30.1 45.1





#7

Phenol-d6

Concen: 135.939 ng

RT: 7.23 min Scan# 670

Delta R.T. 0.00 min

Lab File: BG035513.D

Acq: 29 Jun 2018 14:17

Instrument :

BNA_G

ClientSampleId :

EPE-106-8(60-62)

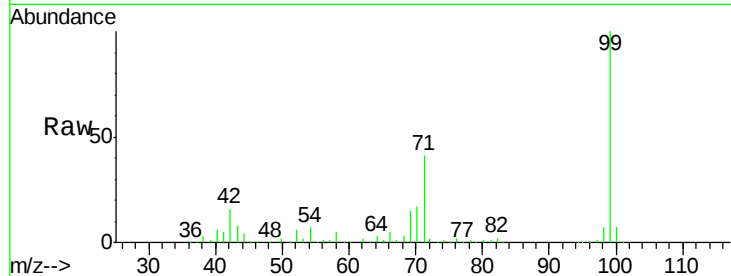
Tgt Ion: 99 Resp: 350652

Ion Ratio Lower Upper

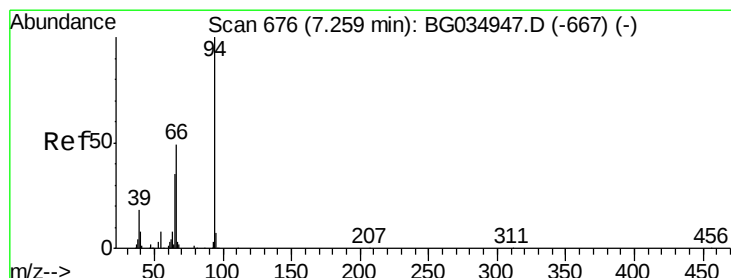
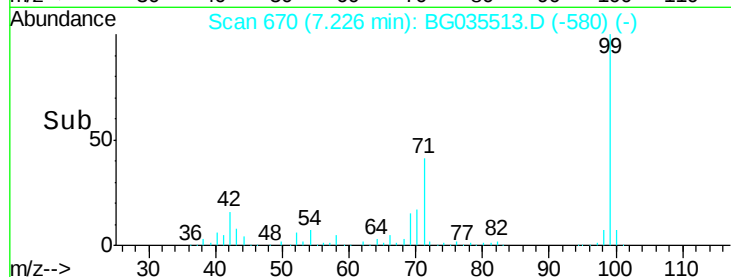
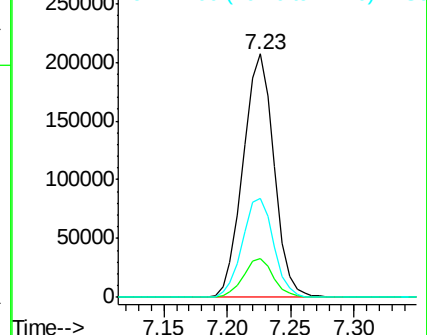
99 100

42 15.8 14.1 21.1

71 40.6 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: 2.239 ng

RT: 7.25 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG035513.D

Acq: 29 Jun 2018 14:17

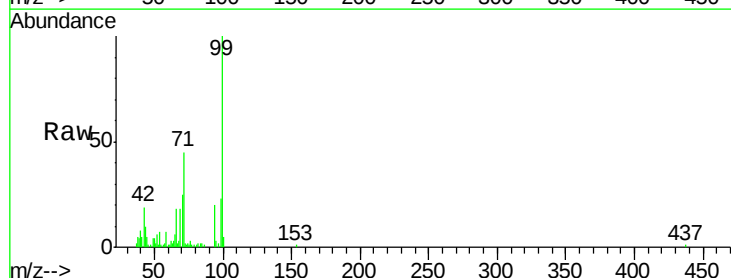
Tgt Ion: 94 Resp: 5977

Ion Ratio Lower Upper

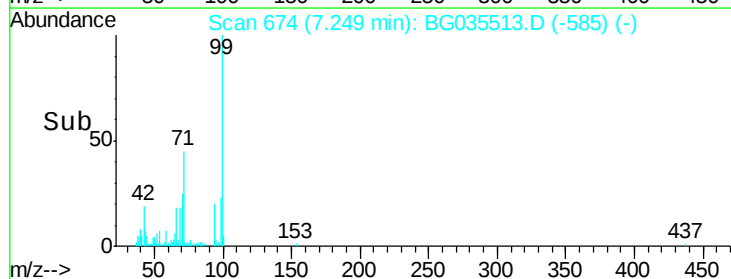
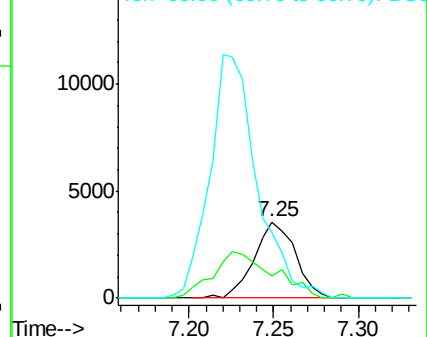
94 100

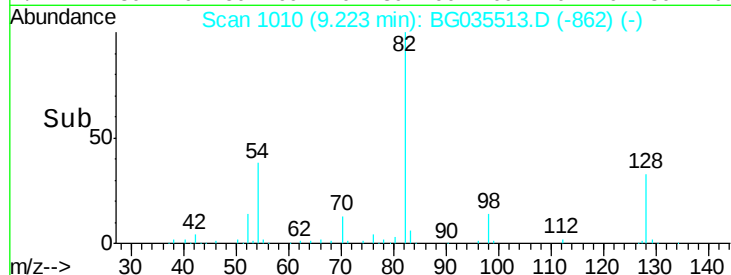
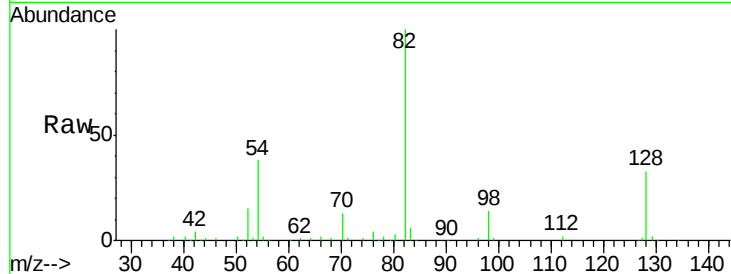
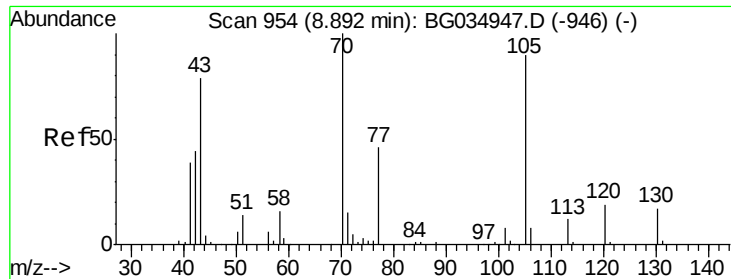
65 29.9 11.9 51.9

66 86.0 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

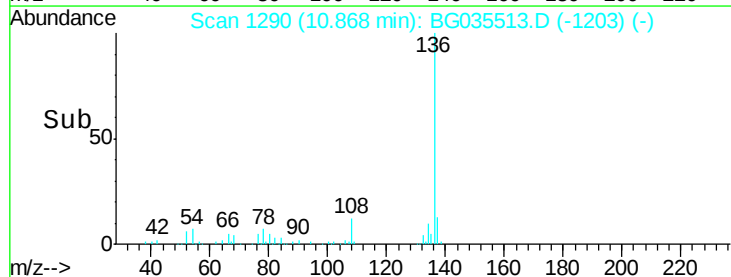
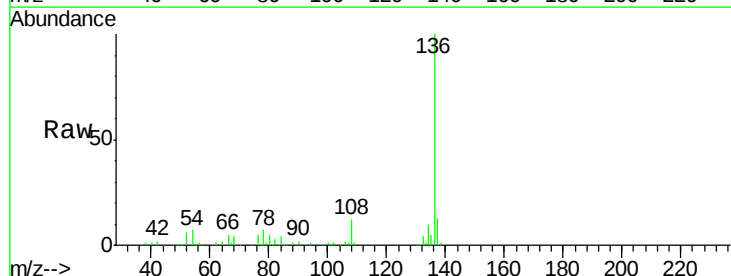
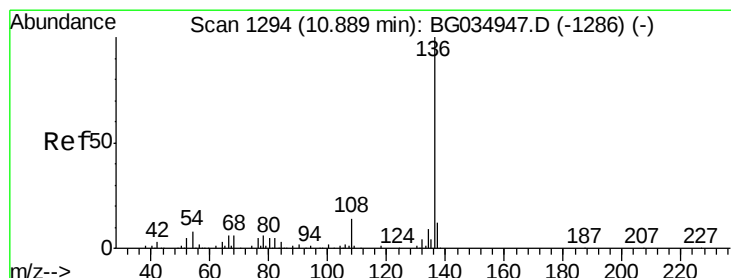
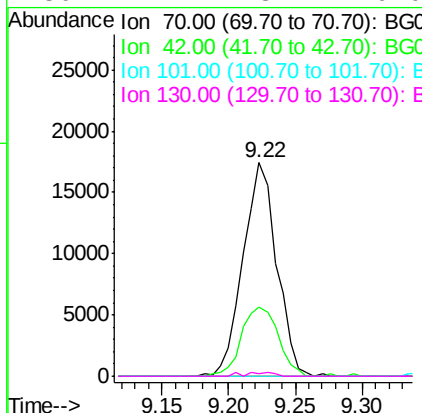




#19
n-Nitroso-di-n-propylamine
Concen: 13.809 ng
RT: 9.22 min Scan# 1010
Delta R.T. 0.34 min
Lab File: BG035513.D
Acq: 29 Jun 2018 14:17

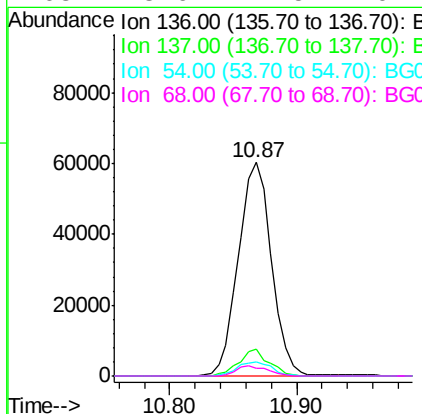
Instrument :
BNA_G
ClientSampleId :
EPE-106-8(60-62)

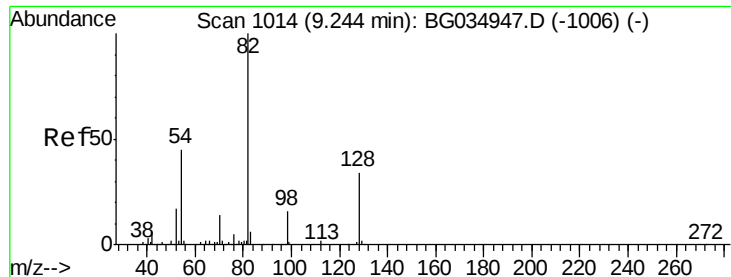
Tgt Ion: 70 Resp: 30262
Ion Ratio Lower Upper
70 100
42 32.7 49.1 73.7#
101 0.0 8.5 12.7#
130 1.1 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1290
Delta R.T. -0.02 min
Lab File: BG035513.D
Acq: 29 Jun 2018 14:17

Tgt Ion: 136 Resp: 109165
Ion Ratio Lower Upper
136 100
137 12.6 9.2 13.8
54 6.9 10.3 15.5#
68 3.6 4.5 6.7#

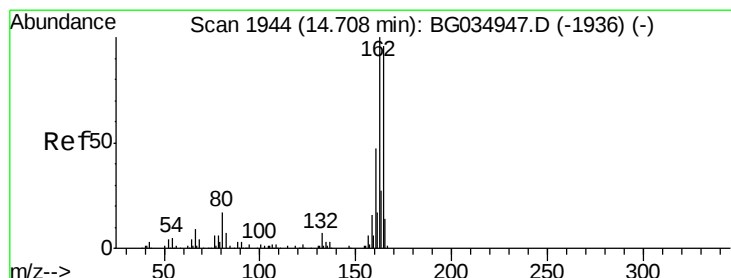
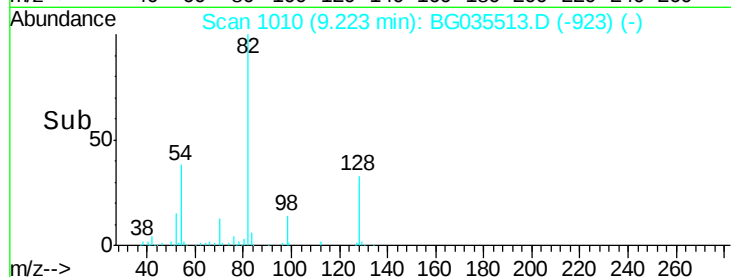
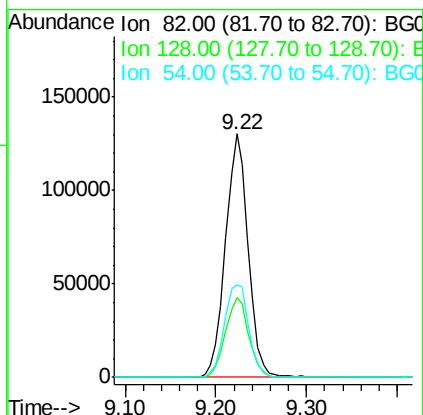
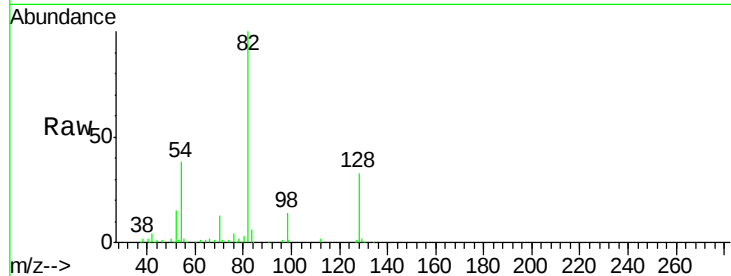




#23
 Nitrobenzene-d5
 Concen: 97.910 ng
 RT: 9.22 min Scan# 1010
 Delta R.T. -0.02 min
 Lab File: BG035513.D
 Acq: 29 Jun 2018 14:17

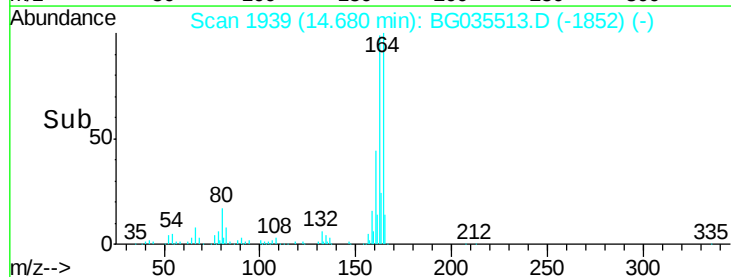
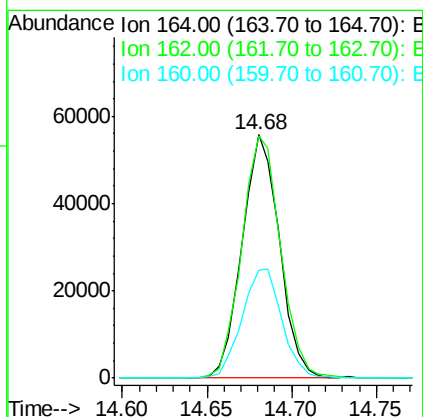
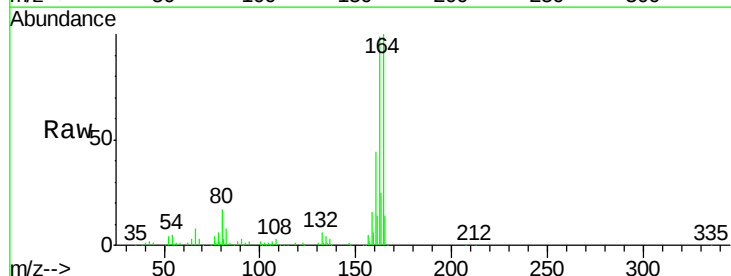
Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-8(60-62)

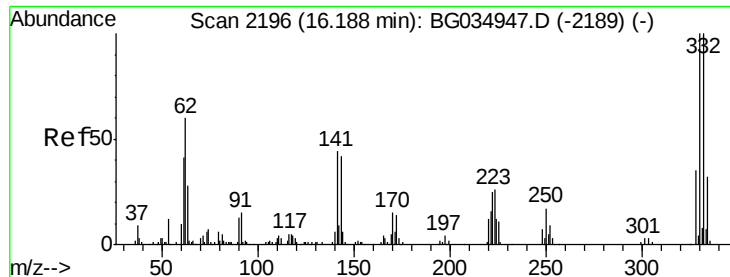
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.9	29.7	44.5
54	38.2	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1939
 Delta R.T. -0.02 min
 Lab File: BG035513.D
 Acq: 29 Jun 2018 14:17

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.5	78.8	118.2
160	44.4	35.4	53.0

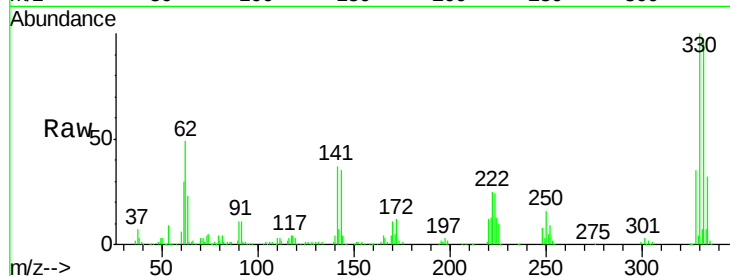




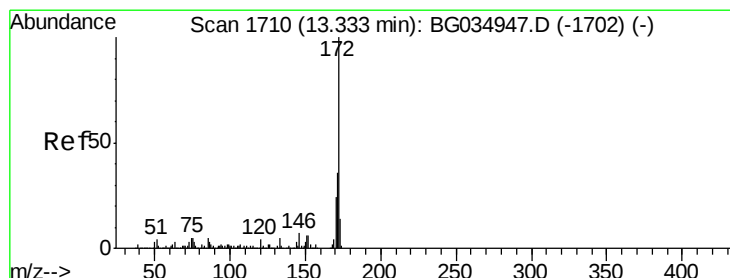
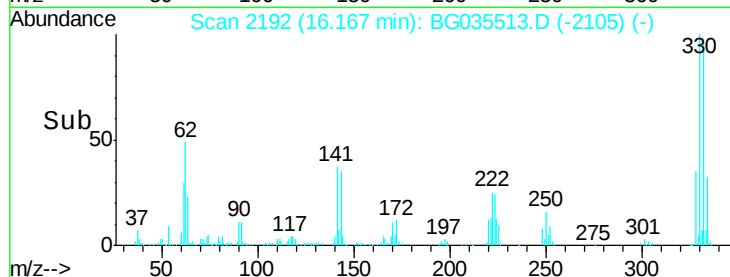
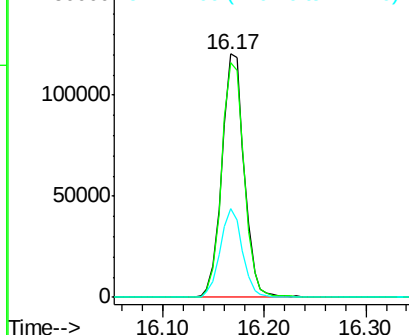
#41
 2,4,6-Tribromophenol
 Concen: 167.837 ng
 RT: 16.17 min Scan# 2192
 Delta R.T. -0.02 min
 Lab File: BG035513.D
 Acq: 29 Jun 2018 14:17

Instrument :
 BNA_G
 ClientSampleId :
 EPE-106-8(60-62)

Tgt Ion:330 Resp: 184079
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 36.4 25.2 37.8

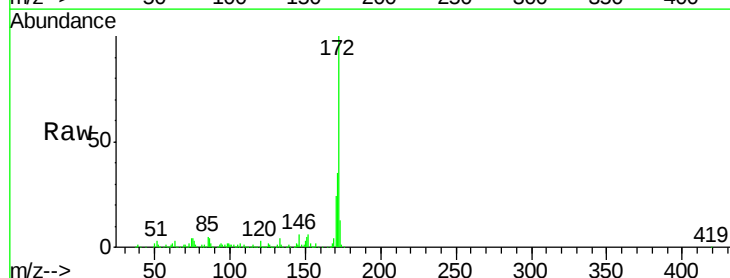


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

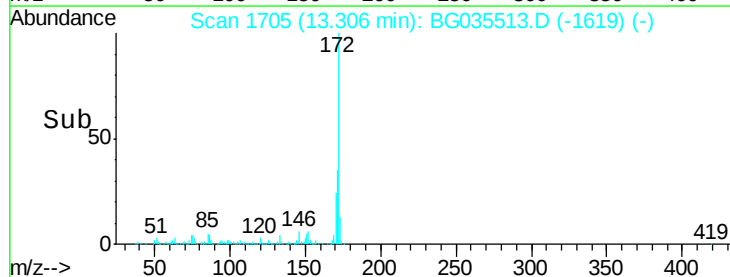
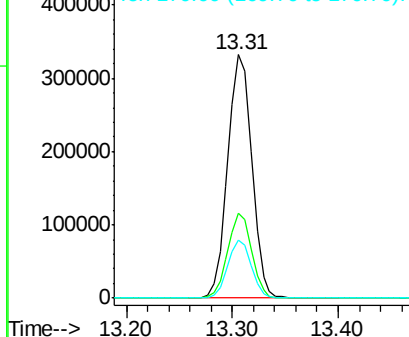


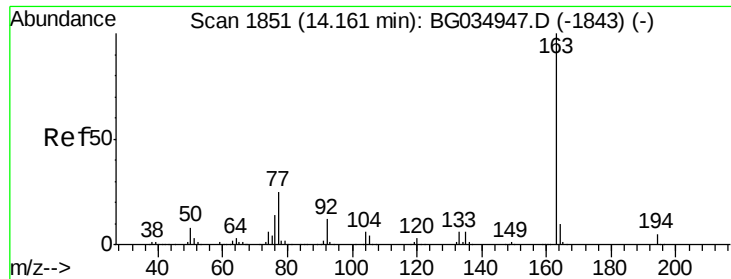
#44
 2-Fluorobiphenyl
 Concen: 79.498 ng
 RT: 13.31 min Scan# 1705
 Delta R.T. -0.02 min
 Lab File: BG035513.D
 Acq: 29 Jun 2018 14:17

Tgt Ion:172 Resp: 523939
 Ion Ratio Lower Upper
 172 100
 171 34.8 30.0 45.0
 170 23.7 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: 15.989 ng

RT: 14.13 min Scan# 1845

Delta R.T. -0.03 min

Lab File: BG035513.D

Acq: 29 Jun 2018 14:17

Instrument :

BNA_G

ClientSampleId :

EPE-106-8(60-62)

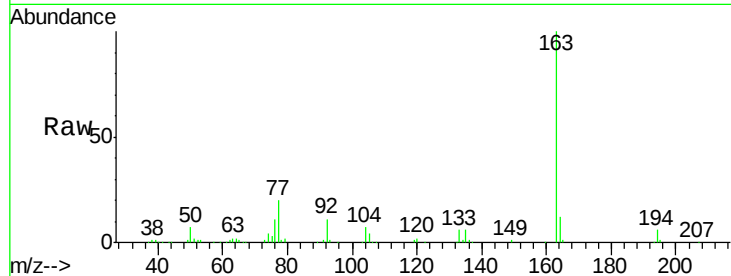
Tgt Ion:163 Resp: 119457

Ion Ratio Lower Upper

163 100

194 5.6 3.4 5.2#

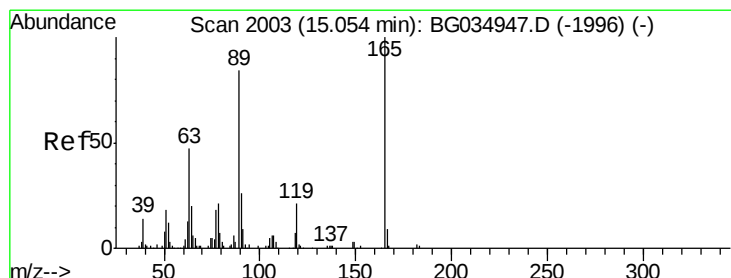
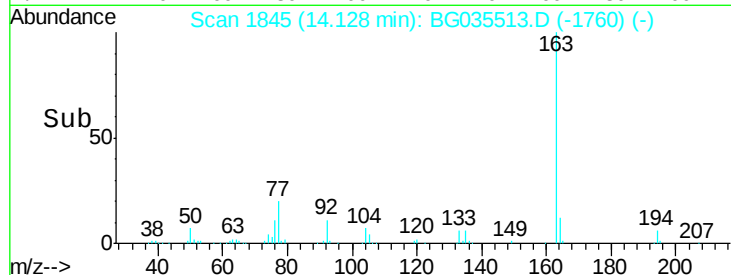
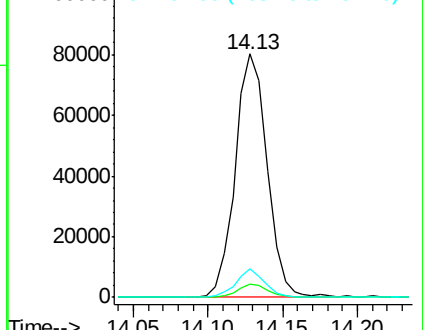
164 11.7 8.2 12.4



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: 6.743 ng

RT: 14.68 min Scan# 1939

Delta R.T. -0.37 min

Lab File: BG035513.D

Acq: 29 Jun 2018 14:17

Tgt Ion:165 Resp: 12209

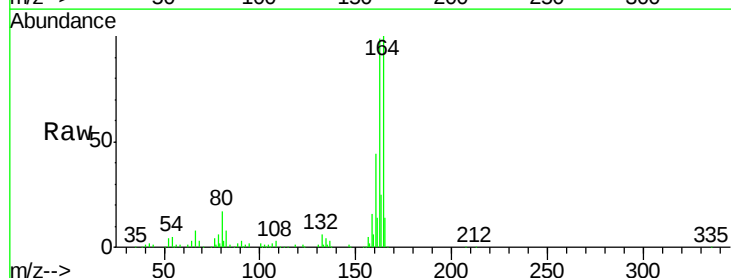
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

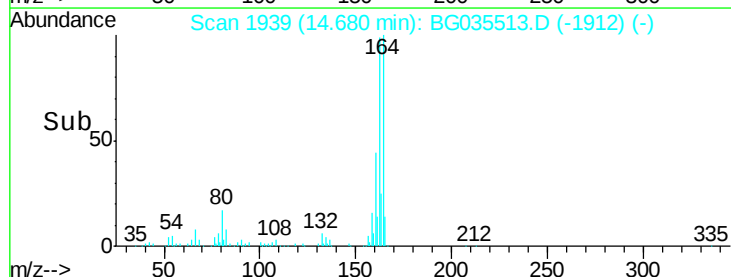
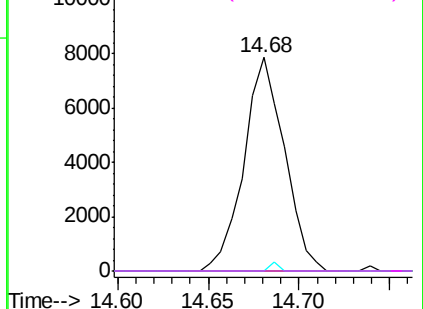


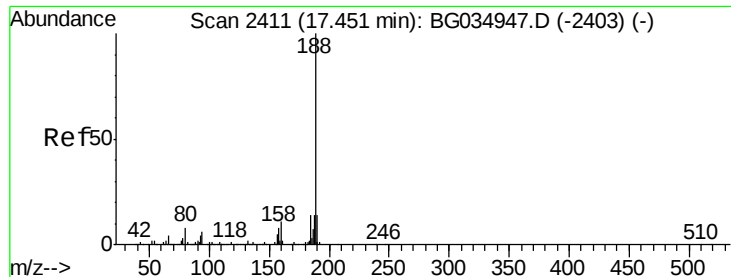
Abundance Ion 165.00 (164.70 to 165.70): E

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

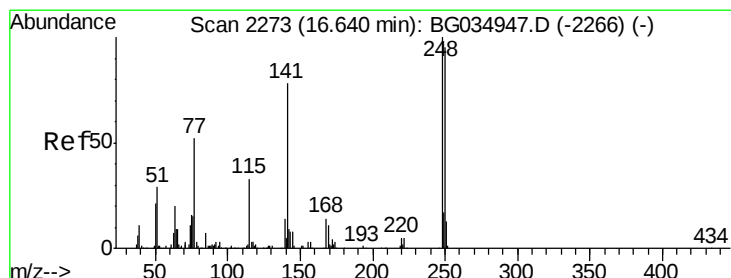
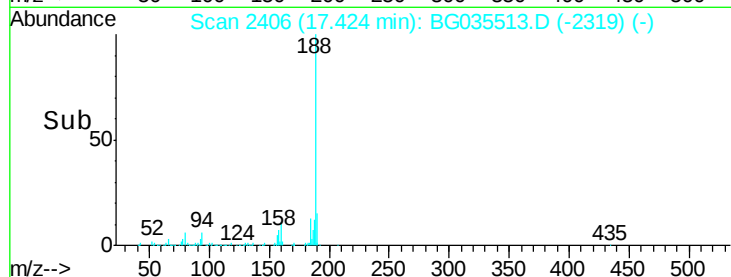
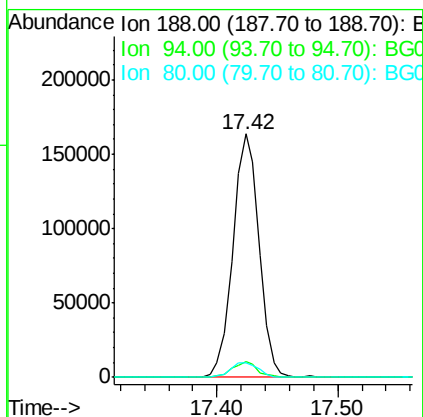
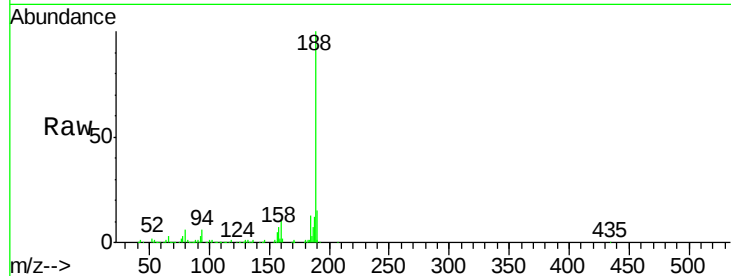




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BG035513.D
Acq: 29 Jun 2018 14:17

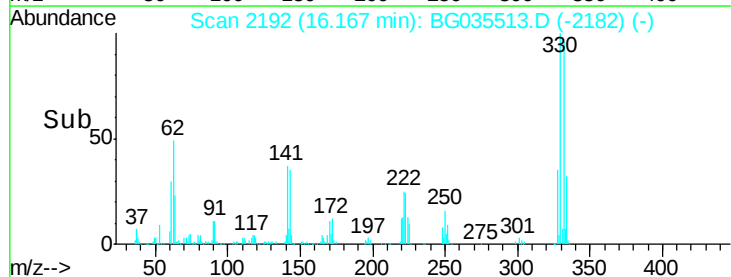
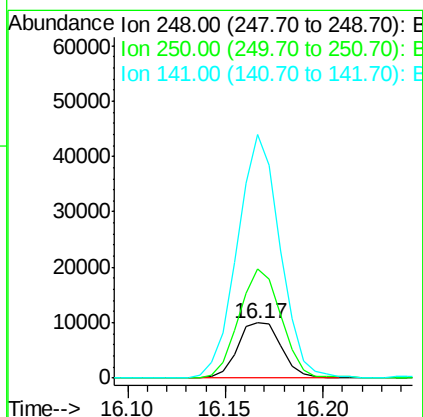
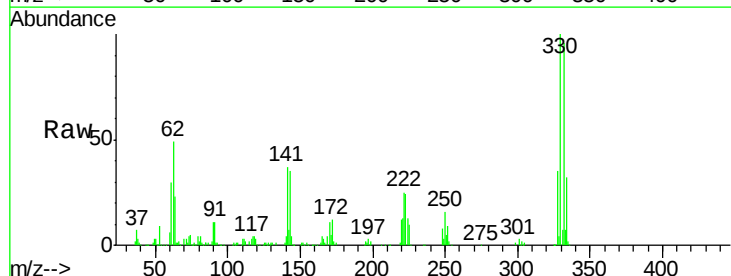
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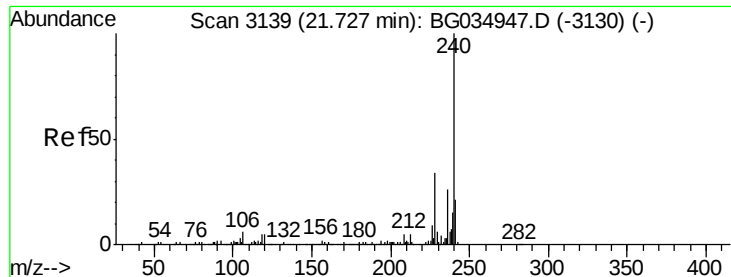
Tgt Ion:188 Resp: 246364
Ion Ratio Lower Upper
188 100
94 6.4 6.9 10.3#
80 6.2 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 5.233 ng
RT: 16.17 min Scan# 2192
Delta R.T. -0.47 min
Lab File: BG035513.D
Acq: 29 Jun 2018 14:17

Tgt Ion:248 Resp: 15524
Ion Ratio Lower Upper
248 100
250 198.8 77.1 115.7#
141 442.0 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3132

Delta R.T. -0.03 min

Lab File: BG035513.D

Acq: 29 Jun 2018 14:17

Instrument :

BNA_G

ClientSampleId :

EPE-106-8(60-62)

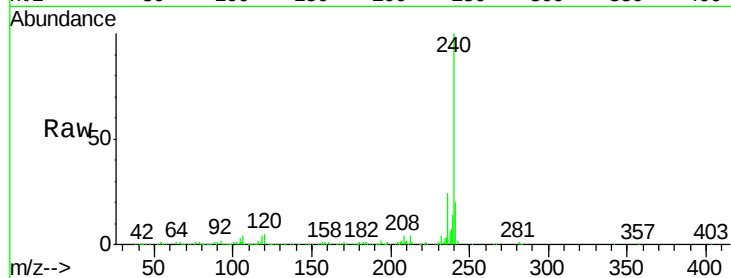
Tgt Ion:240 Resp: 270222

Ion Ratio Lower Upper

240 100

120 4.6 6.8 10.2#

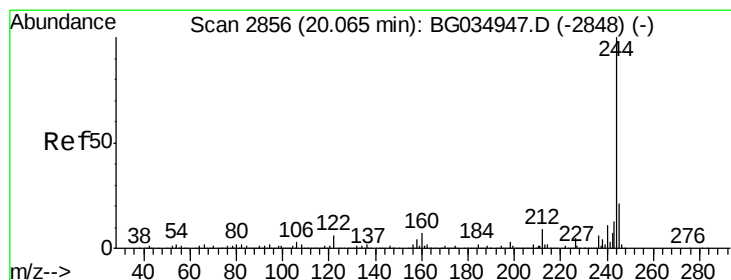
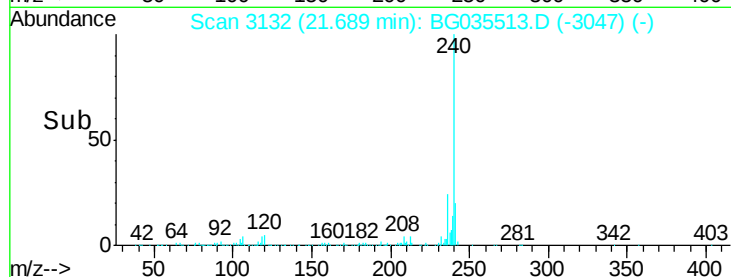
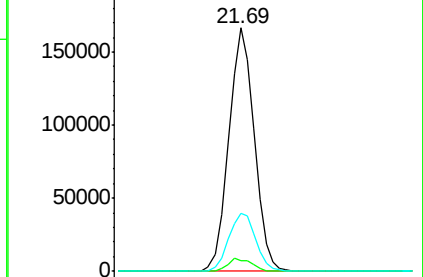
236 23.8 20.9 31.3



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: 79.970 ng

RT: 20.03 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BG035513.D

Acq: 29 Jun 2018 14:17

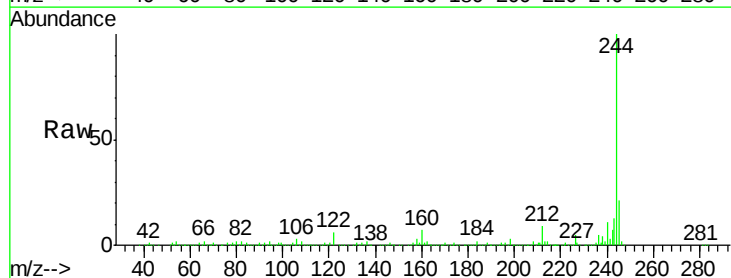
Tgt Ion:244 Resp: 1031649

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

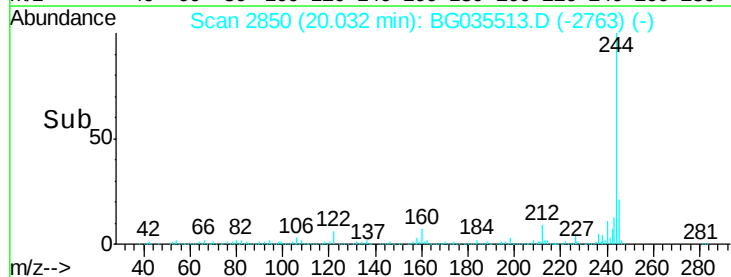
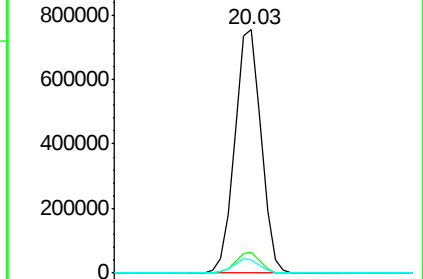
122 5.7 7.0 10.4#

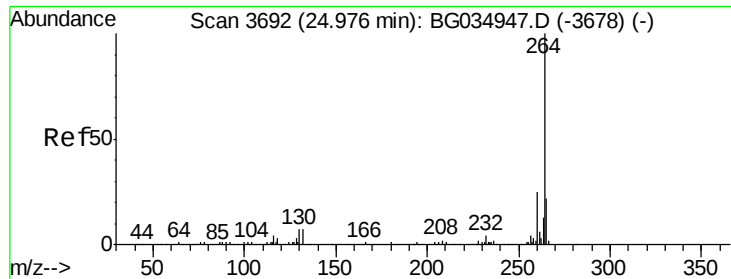


Abundance Ion 244.00 (243.70 to 244.70): E

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# 3681
Delta R.T. -0.04 min
Lab File: BG035513.D
Acq: 29 Jun 2018 14:17

Instrument :
BNA_G
ClientSampleId :
EPE-106-8(60-62)

Tgt Ion: 264 Resp: 255820

Ion	Ratio	Lower	Upper
264	100		
260	22.5	17.4	26.0
265	22.1	17.7	26.5

