

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062818\
 Data File : BG035485.D
 Acq On : 28 Jun 2018 19:37
 Operator : JU/SJ
 Sample : J3697-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-109-6-COMPOSITE(10-47)

Quant Time: Jun 29 02:37:39 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

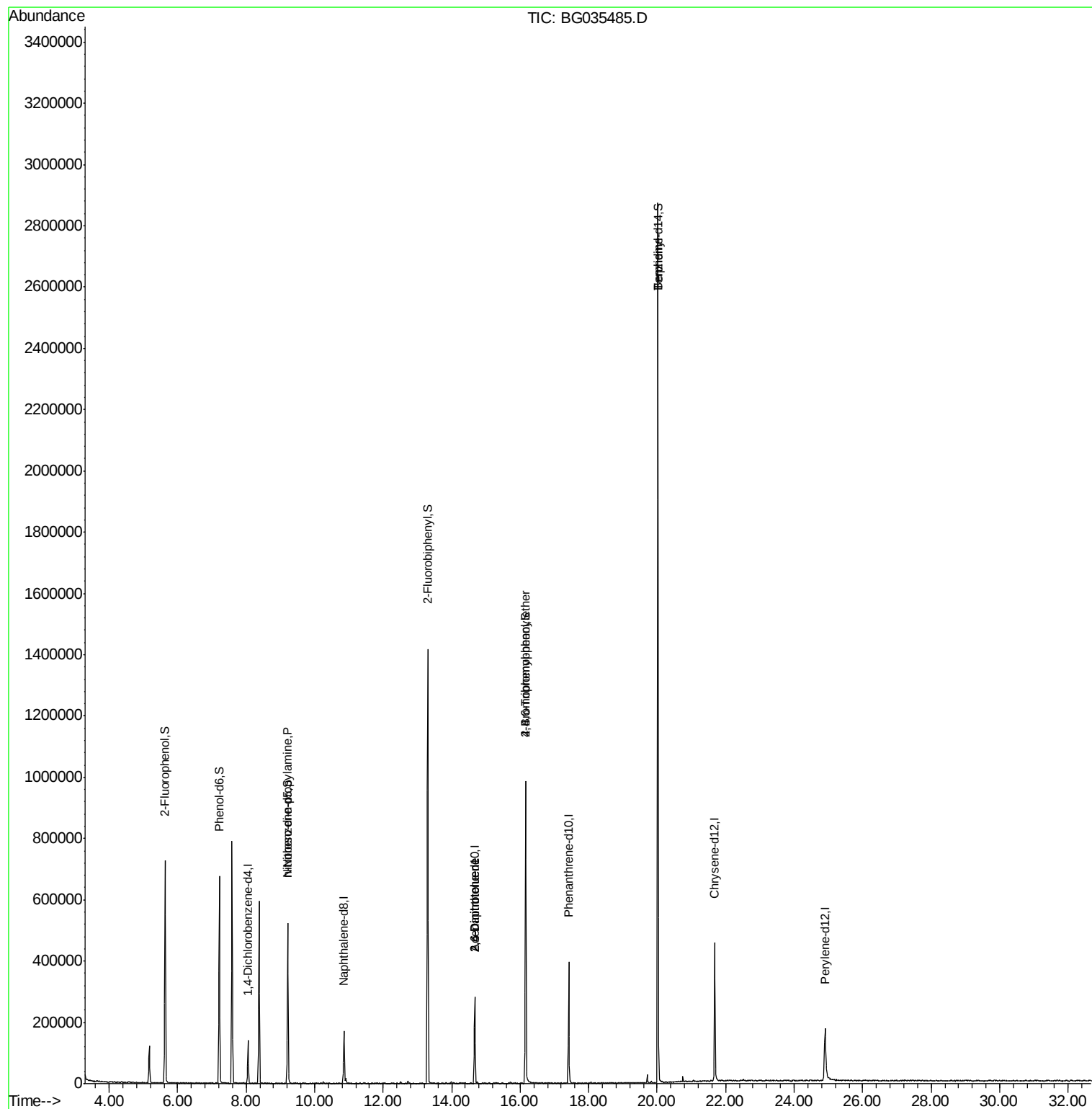
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	37688	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	143228	20.00	ng	-0.03
38) Acenaphthene-d10	14.67	164	99322	20.00	ng	-0.02
63) Phenanthrene-d10	17.42	188	258193	20.00	ng	-0.02
75) Chrysene-d12	21.68	240	303901	20.00	ng	-0.03
86) Perylene-d12	24.90	264	243134	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	322748	144.52	ng	-0.01
7) Phenol-d6	7.21	99	413206	125.36	ng	-0.01
23) Nitrobenzene-d5	9.21	82	349574	116.02	ng	-0.03
41) 2,4,6-Tribromophenol	16.16	330	195753	153.96	ng	-0.02
44) 2-Fluorobiphenyl	13.30	172	778016	101.83	ng	-0.03
78) Terphenyl-d14	20.02	244	1434214	98.85	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	46509	16.609	ng	# 62
50) 2,6-Dinitrotoluene	14.67	165	13922	8.811	ng	# 20
56) 2,4-Dinitrotoluene	14.67	165	13922	6.633	ng	# 18
66) 4-Bromophenyl-phenylether	16.15	248	15143	4.870	ng	# 1
76) Benzidine	20.03	184	24387	2.157	ng	# 92

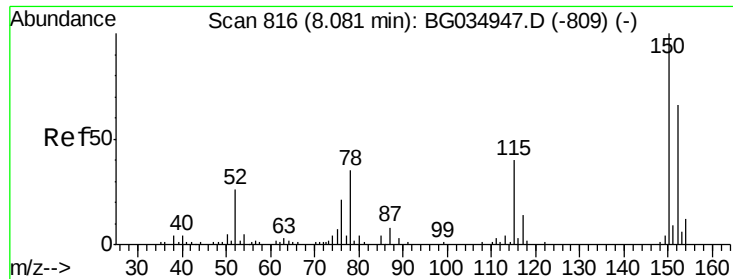
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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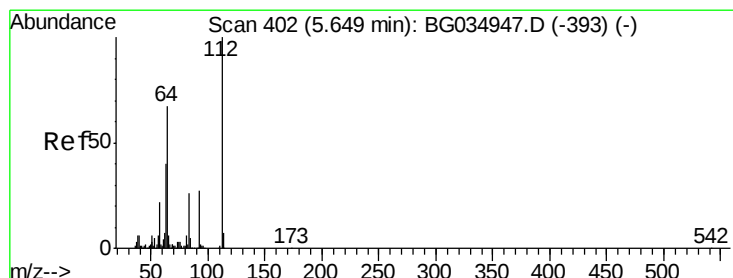
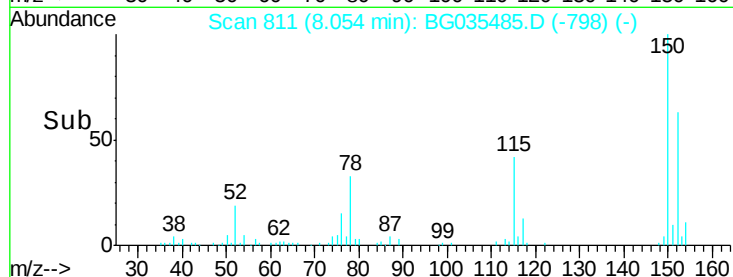
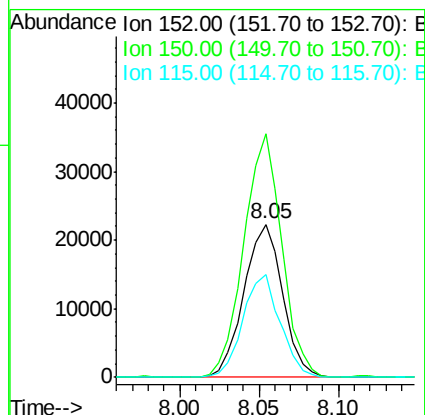
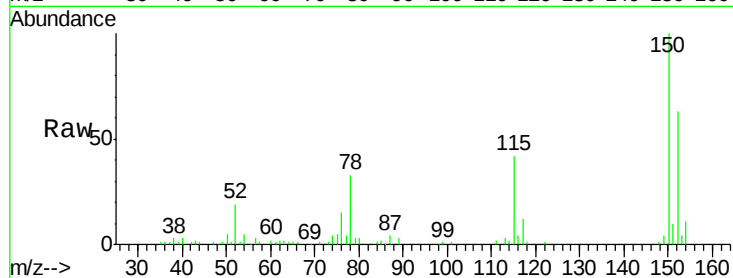




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.02 min
 Lab File: BG035485.D
 Acq: 28 Jun 2018 19:37

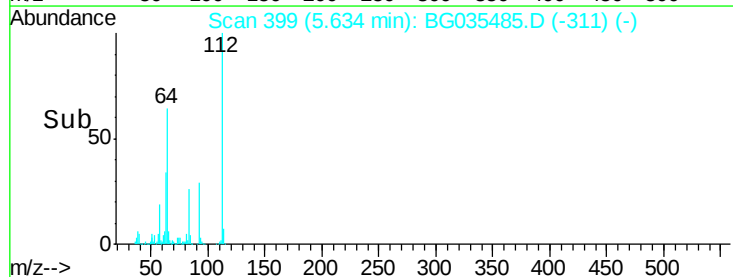
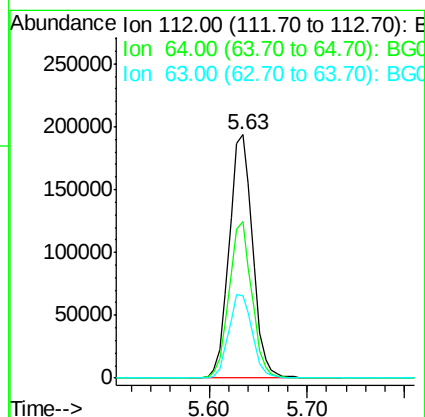
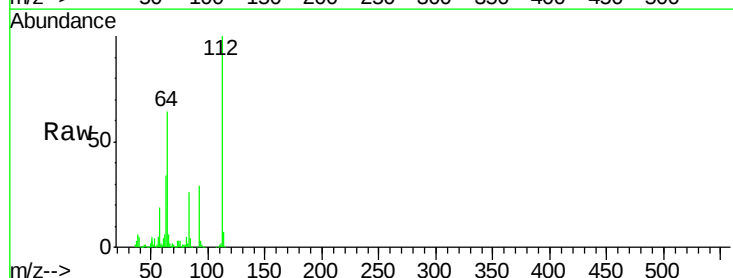
Instrument :
 BNA_G
 ClientSampleId :
 EPE-109-6-COMPOSITE(10-47)

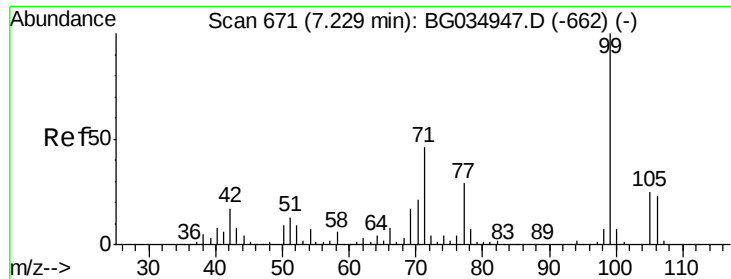
Tgt Ion:152 Resp: 37688
 Ion Ratio Lower Upper
 152 100
 150 159.3 126.6 189.8
 115 67.2 53.0 79.4



#5
 2-Fluorophenol
 Concen: 144.521 ng
 RT: 5.63 min Scan# 399
 Delta R.T. -0.01 min
 Lab File: BG035485.D
 Acq: 28 Jun 2018 19:37

Tgt Ion:112 Resp: 322748
 Ion Ratio Lower Upper
 112 100
 64 64.2 56.3 84.5
 63 34.1 30.1 45.1





#7

Phenol-d6

Concen: 125.362 ng

RT: 7.21 min Scan# 668

Delta R.T. -0.01 min

Lab File: BG035485.D

Acq: 28 Jun 2018 19:37

Instrument :

BNA_G

ClientSampleId :

EPE-109-6-COMPOSITE(10-47)

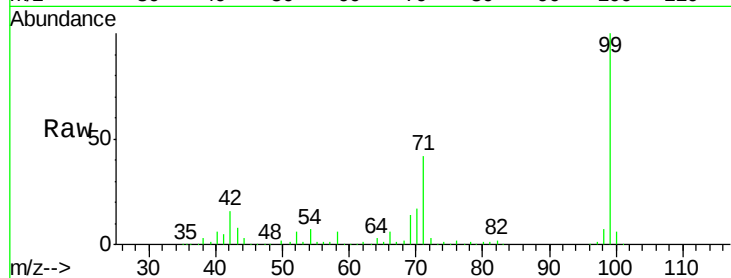
Tgt Ion: 99 Resp: 413206

Ion Ratio Lower Upper

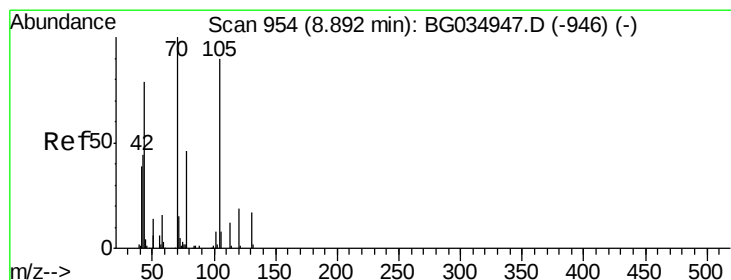
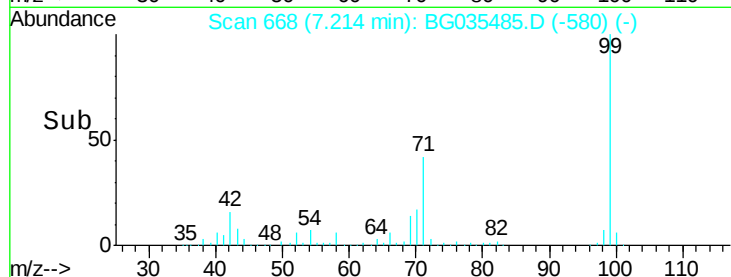
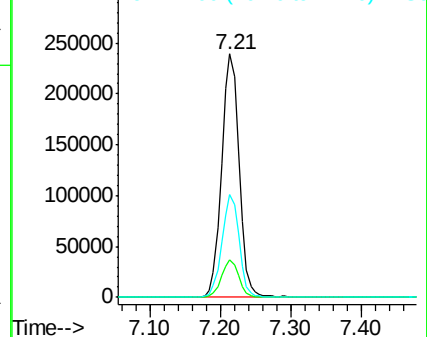
99 100

42 15.6 14.1 21.1

71 42.1 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



#19

n-Nitroso-di-n-propylamine

Concen: 16.609 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.34 min

Lab File: BG035485.D

Acq: 28 Jun 2018 19:37

Tgt Ion: 70 Resp: 46509

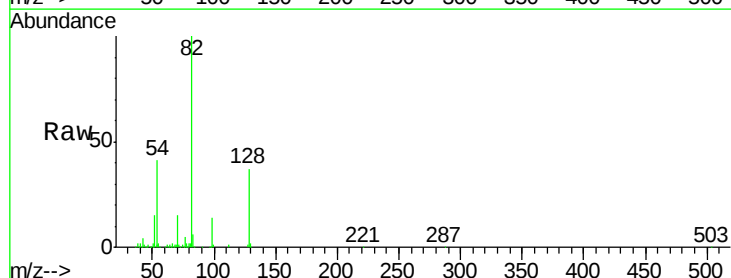
Ion Ratio Lower Upper

70 100

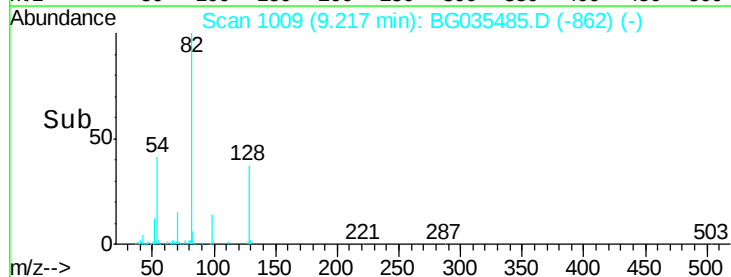
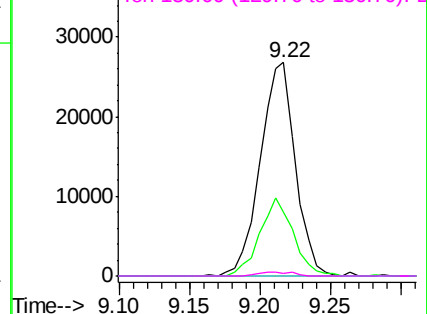
42 30.2 49.1 73.7#

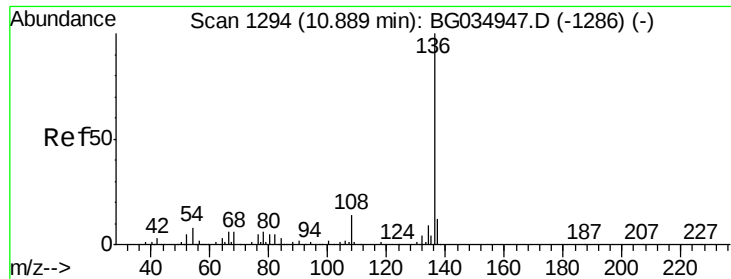
101 0.0 8.5 12.7#

130 1.3 13.4 20.0#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

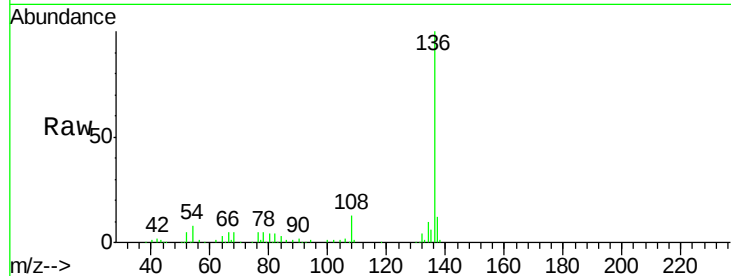




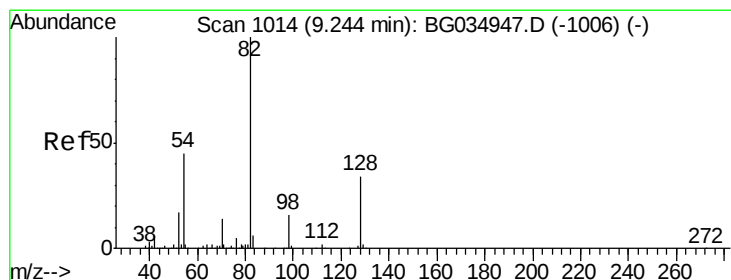
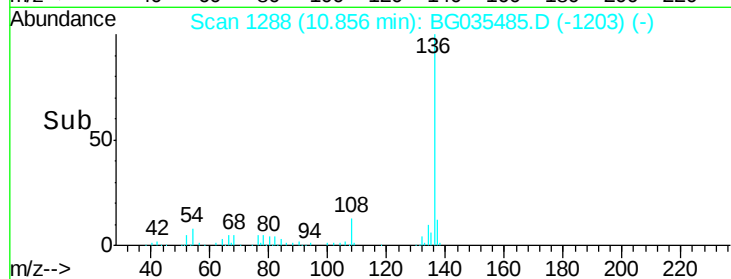
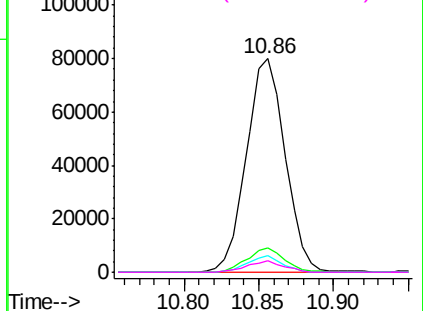
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.03 min
Lab File: BG035485.D
Acq: 28 Jun 2018 19:37

Instrument :
BNA_G
ClientSampleId :
EPE-109-6-COMPOSITE(10-47)

Tgt Ion:	136	Resp:	143228
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	7.9	10.3	15.5#
68	5.2	4.5	6.7

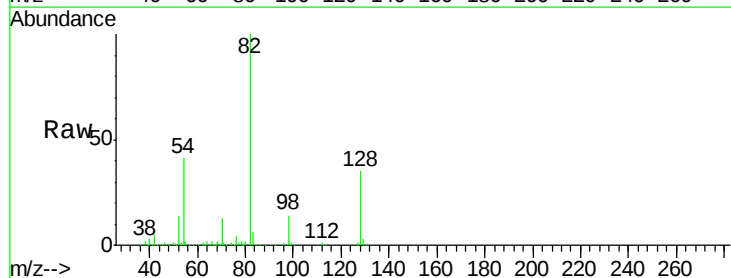


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

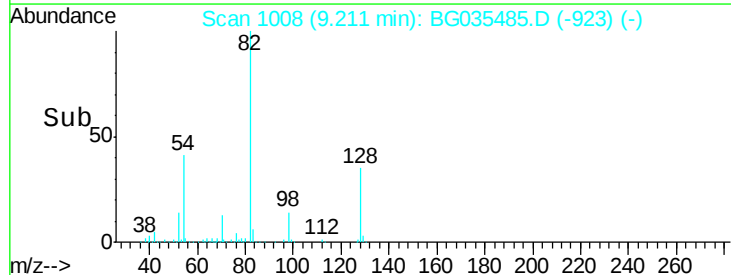
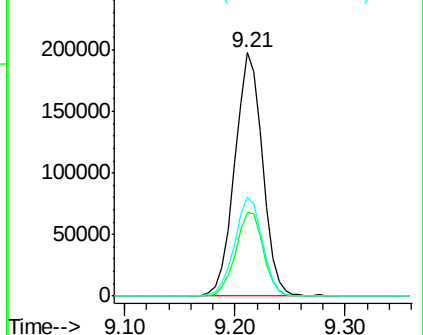


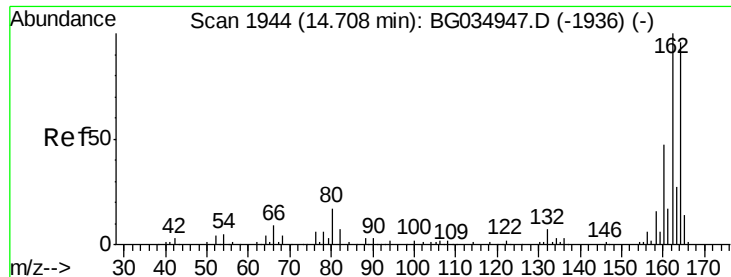
#23
Nitrobenzene-d5
Concen: 116.016 ng
RT: 9.21 min Scan# 1008
Delta R.T. -0.03 min
Lab File: BG035485.D
Acq: 28 Jun 2018 19:37

Tgt Ion:	82	Resp:	349574
Ion	Ratio	Lower	Upper
82	100		
128	34.5	29.7	44.5
54	40.9	43.1	64.7#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.67 min Scan# 1938

Delta R.T. -0.02 min

Lab File: BG035485.D

Acq: 28 Jun 2018 19:37

Instrument :

BNA_G

ClientSampleId :

EPE-109-6-COMPOSITE(10-47)

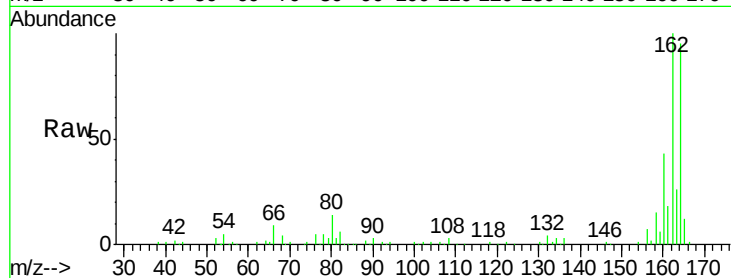
Tgt Ion:164 Resp: 99322

Ion Ratio Lower Upper

164 100

162 105.6 78.8 118.2

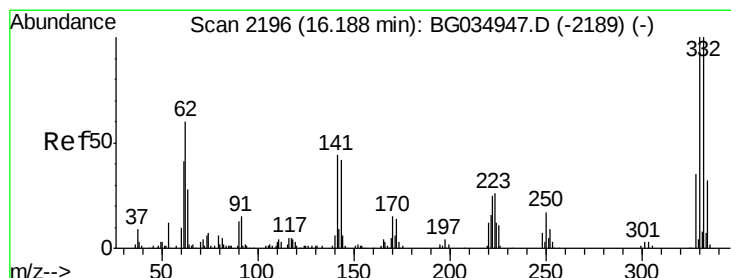
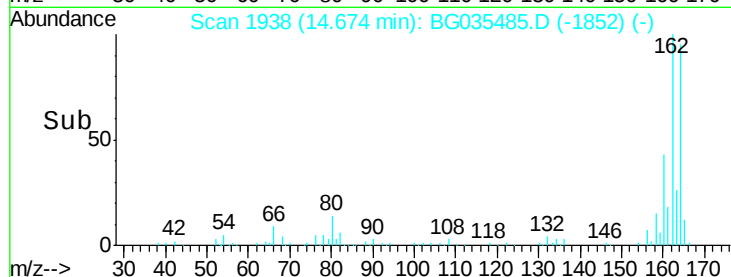
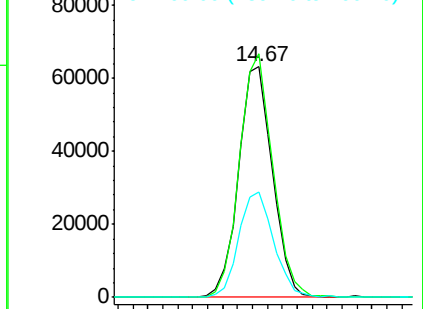
160 45.4 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 153.961 ng

RT: 16.16 min Scan# 2191

Delta R.T. -0.02 min

Lab File: BG035485.D

Acq: 28 Jun 2018 19:37

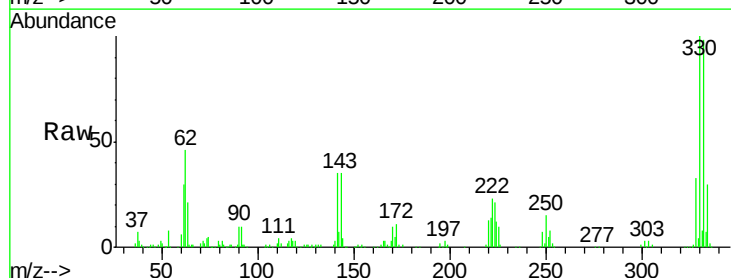
Tgt Ion:330 Resp: 195753

Ion Ratio Lower Upper

330 100

332 98.3 77.0 115.6

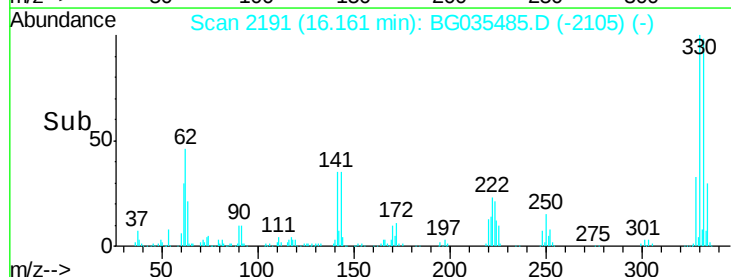
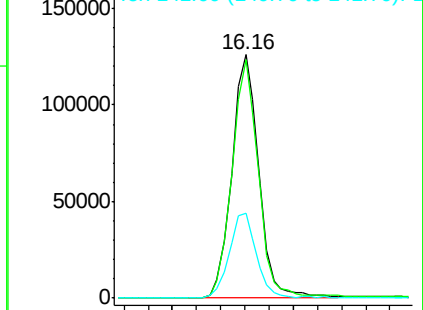
141 36.0 25.2 37.8

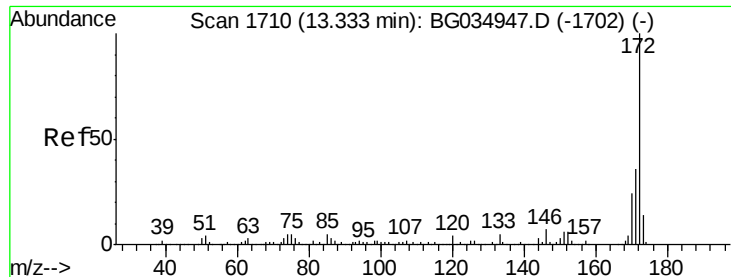


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 101.832 ng

RT: 13.30 min Scan# 1704

Delta R.T. -0.03 min

Lab File: BG035485.D

Acq: 28 Jun 2018 19:37

Instrument :

BNA_G

ClientSampleId :

EPE-109-6-COMPOSITE(10-47)

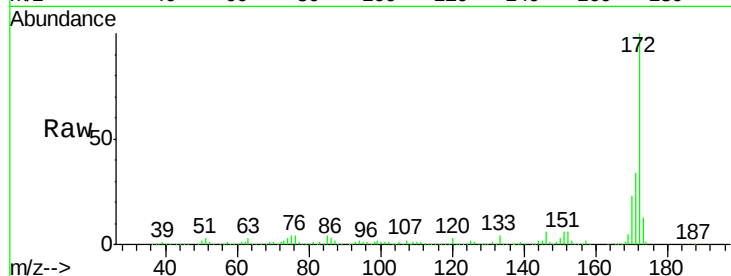
Tgt Ion:172 Resp: 778016

Ion Ratio Lower Upper

172 100

171 34.1 30.0 45.0

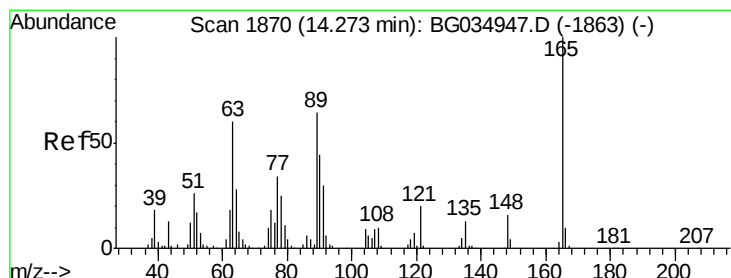
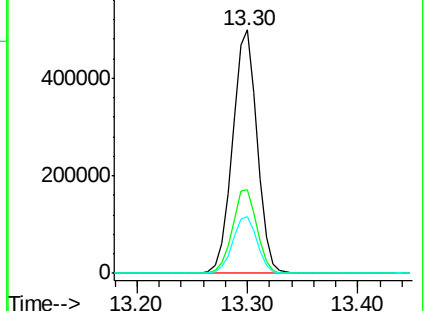
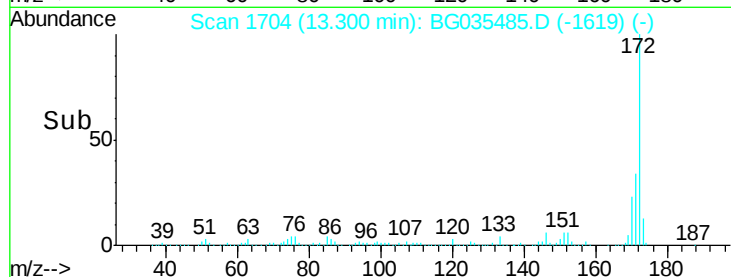
170 23.3 19.5 29.3



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



#50

2,6-Dinitrotoluene

Concen: 8.811 ng

RT: 14.67 min Scan# 1938

Delta R.T. 0.41 min

Lab File: BG035485.D

Acq: 28 Jun 2018 19:37

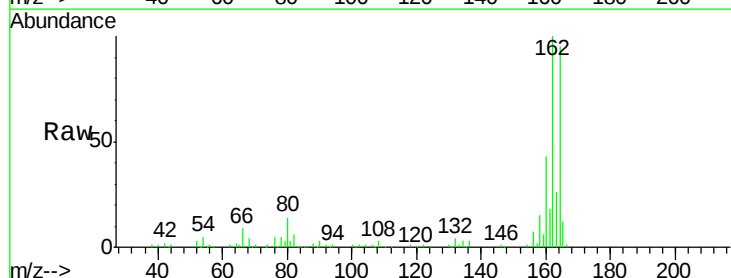
Tgt Ion:165 Resp: 13922

Ion Ratio Lower Upper

165 100

63 0.0 52.7 79.1#

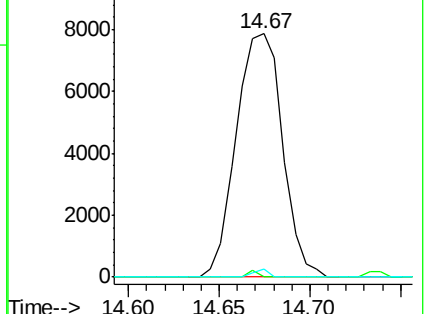
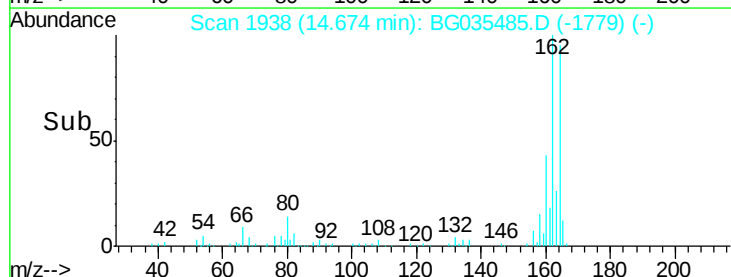
89 3.3 49.2 73.8#

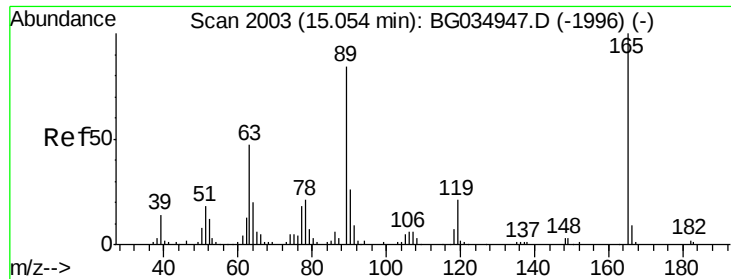


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

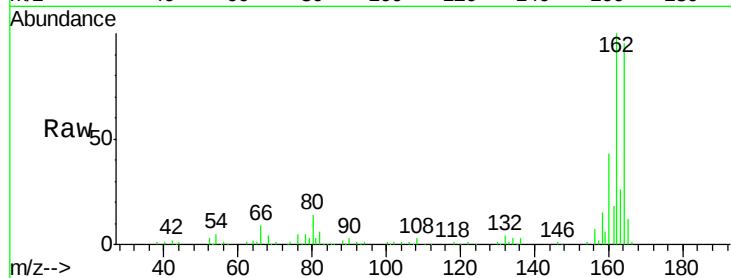




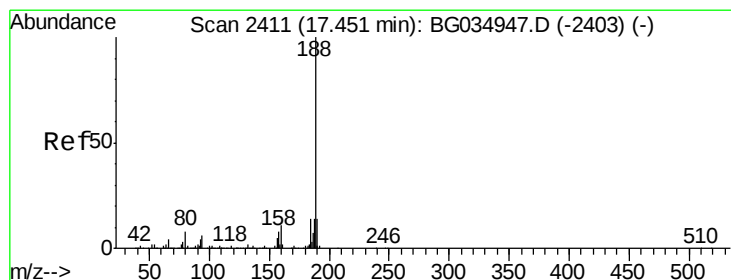
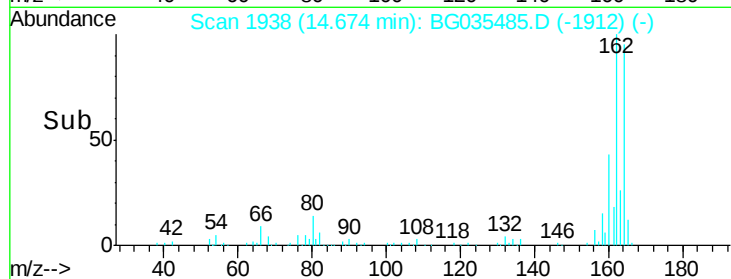
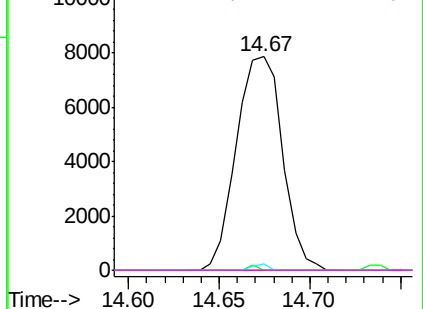
#56
 2,4-Dinitrotoluene
 Concen: 6.633 ng
 RT: 14.67 min Scan# 1938
 Delta R.T. -0.37 min
 Lab File: BG035485.D
 Acq: 28 Jun 2018 19:37

Instrument :
 BNA_G
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 EPE-109-6-COMPOSITE(10-47)

Tgt Ion:	165	Resp:	13922
Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	3.3	66.9	100.3#
182	0.0	2.6	3.8#

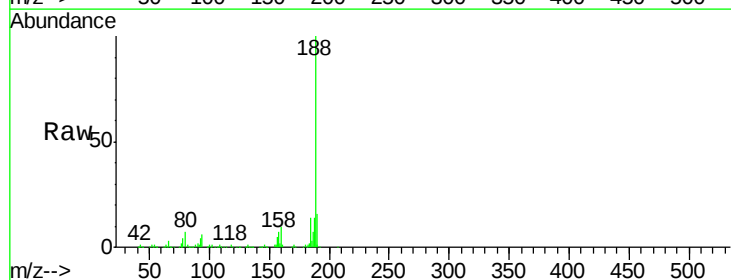


Abundance Ion 165.00 (164.70 to 165.70): E

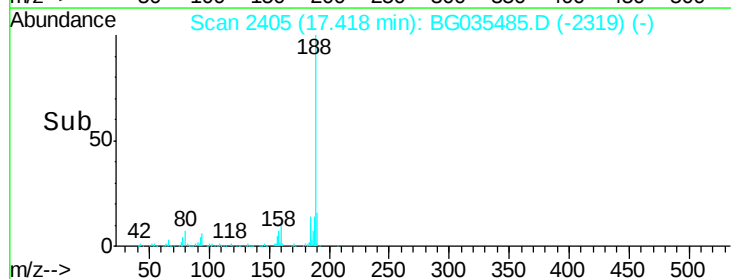
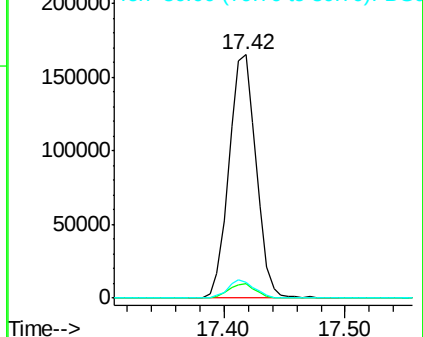


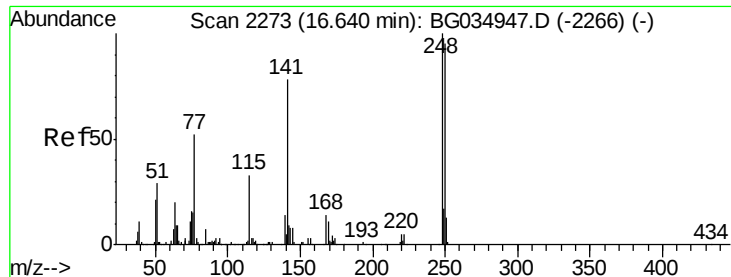
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.02 min
 Lab File: BG035485.D
 Acq: 28 Jun 2018 19:37

Tgt Ion:	188	Resp:	258193
Ion	Ratio	Lower	Upper
188	100		
94	5.8	6.9	10.3#
80	6.7	7.7	11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

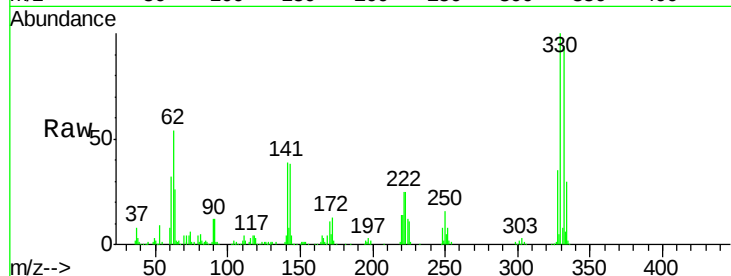




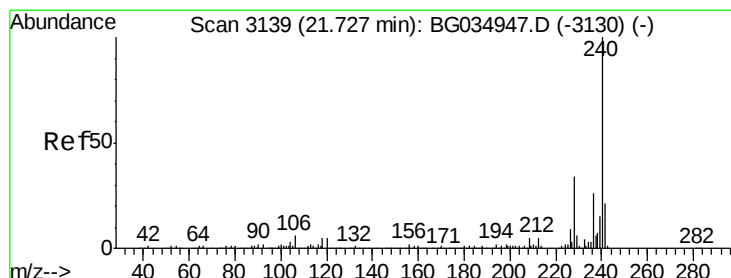
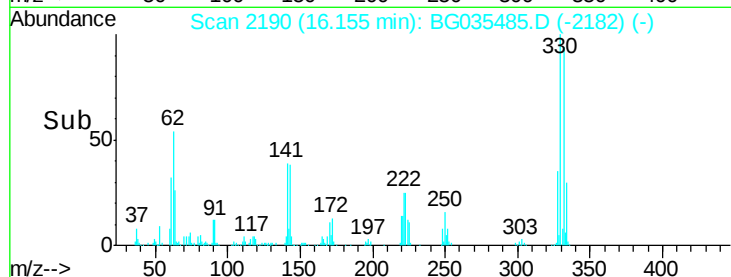
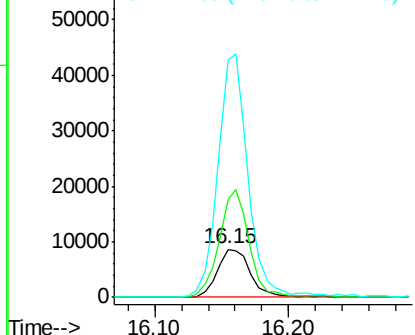
#66
4-Bromophenyl-phenylether
Concen: 4.870 ng
RT: 16.15 min Scan# 2190
Delta R.T. -0.48 min
Lab File: BG035485.D
Acq: 28 Jun 2018 19:37

Instrument :
BNA_G
ClientSampleId :
EPE-109-6-COMPOSITE(10-47)

Tgt Ion:248 Resp: 15143
Ion Ratio Lower Upper
248 100
250 203.2 77.1 115.7#
141 495.6 50.8 76.2#

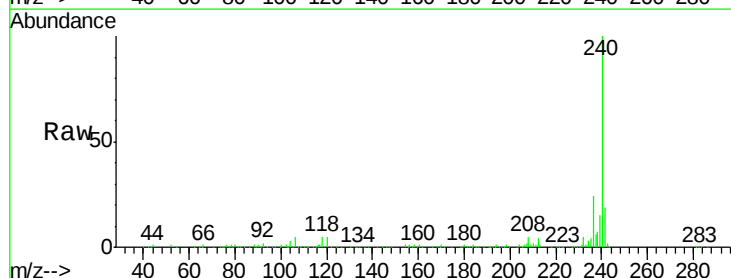


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

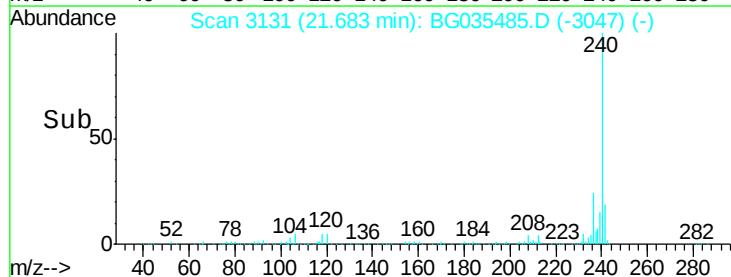
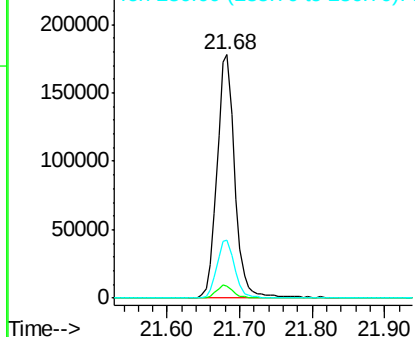


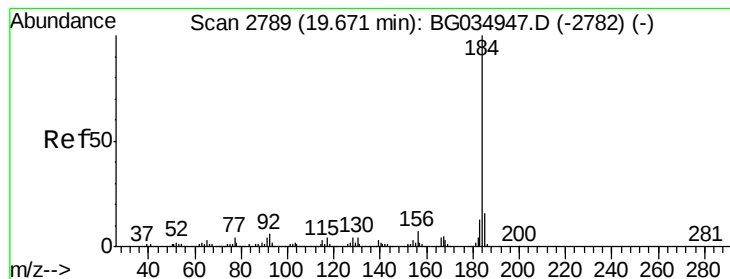
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3131
Delta R.T. -0.03 min
Lab File: BG035485.D
Acq: 28 Jun 2018 19:37

Tgt Ion:240 Resp: 303901
Ion Ratio Lower Upper
240 100
120 4.7 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





#76

Benzidine

Concen: 2.157 ng

RT: 20.03 min Scan# 2849

Delta R.T. 0.36 min

Lab File: BG035485.D

Acq: 28 Jun 2018 19:37

Instrument :

BNA_G

ClientSampleId :

EPE-109-6-COMPOSITE(10-47)

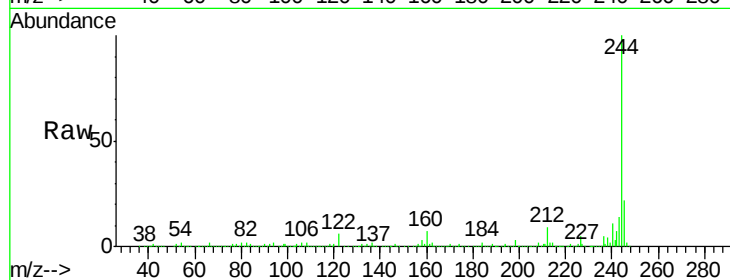
Tgt Ion:184 Resp: 24387

Ion Ratio Lower Upper

184 100

185 12.5 11.1 16.7

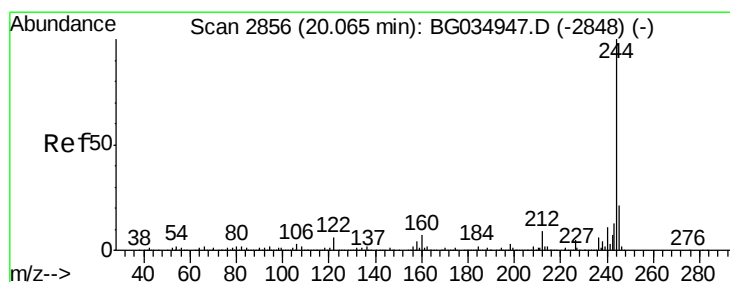
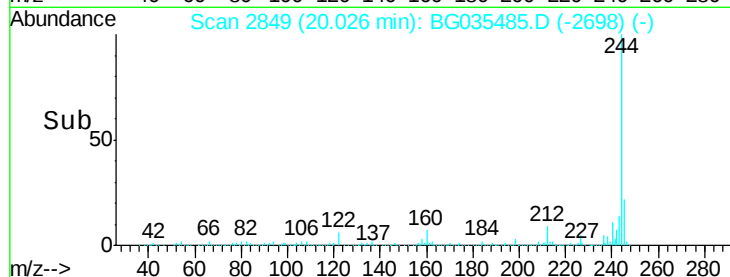
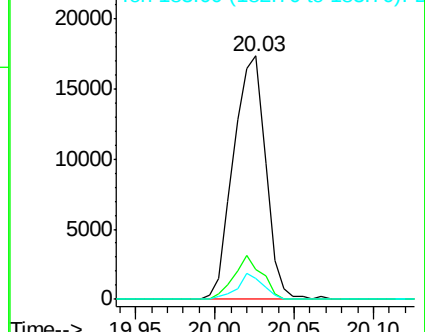
183 8.5 10.6 16.0#



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: 98.855 ng

RT: 20.02 min Scan# 2848

Delta R.T. -0.03 min

Lab File: BG035485.D

Acq: 28 Jun 2018 19:37

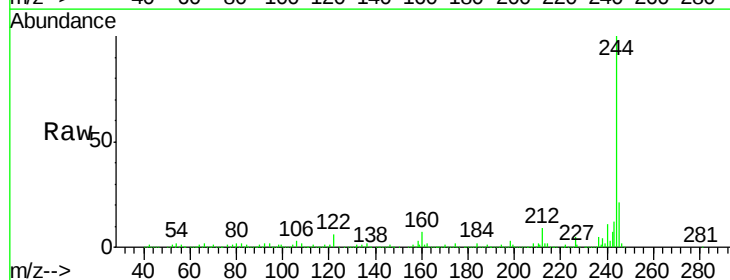
Tgt Ion:244 Resp: 1434214

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

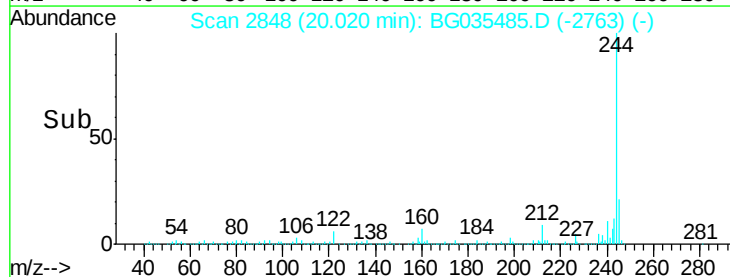
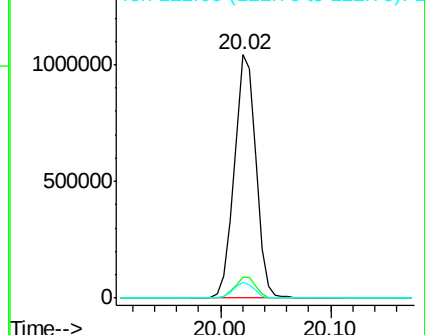
122 6.5 7.0 10.4#

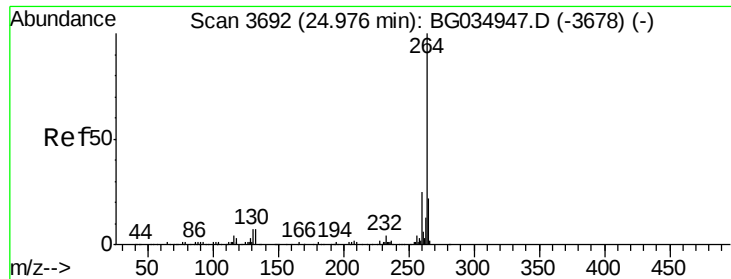


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG035485.D
Acq: 28 Jun 2018 19:37

Instrument :
BNA_G
ClientSampleId :
EPE-109-6-COMPOSITE(10-47)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	23.3	17.7	26.5

