

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
 Data File : BG034985.D
 Acq On : 8 Jun 2018 14:54
 Operator : SJ/JU
 Sample : J3353-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-109-1(55-57)

Quant Time: Jun 08 15:34:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 07 13:13:20 2018
 Response via : Initial Calibration

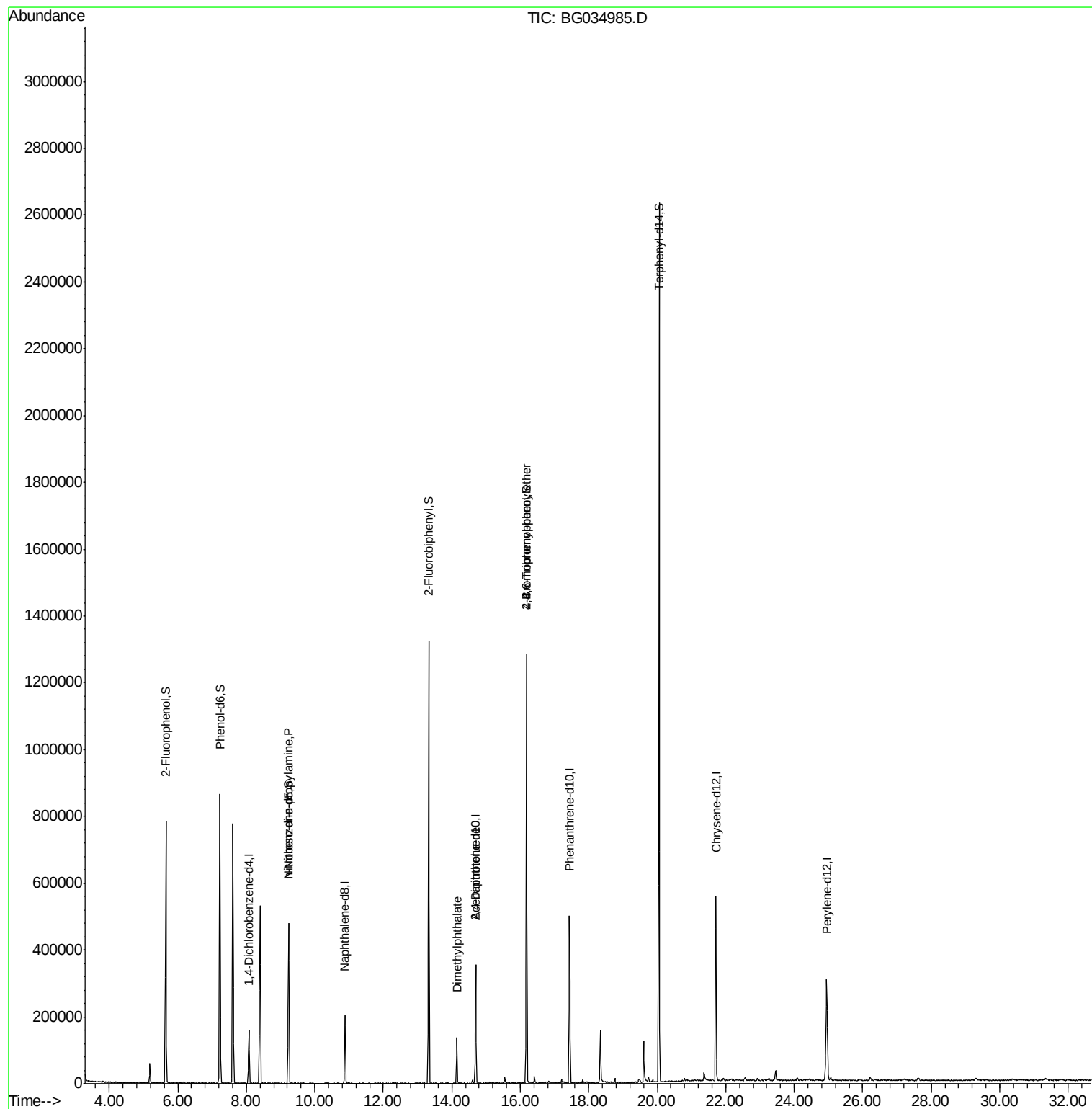
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	42258	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	163127	20.00	ng	-0.01
38) Acenaphthene-d10	14.69	164	121252	20.00	ng	-0.01
63) Phenanthrene-d10	17.44	188	314957	20.00	ng	-0.01
75) Chrysene-d12	21.71	240	341384	20.00	ng	-0.02
86) Perylene-d12	24.95	264	335147	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	330883	132.14	ng	0.00
7) Phenol-d6	7.23	99	502599	135.99	ng	0.00
23) Nitrobenzene-d5	9.24	82	308075	89.77	ng	-0.01
41) 2,4,6-Tribromophenol	16.18	330	217515	140.14	ng	-0.01
44) 2-Fluorobiphenyl	13.33	172	689241	73.90	ng	-0.01
78) Terphenyl-d14	20.05	244	1238033	75.96	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.24	70	43033	13.705	ng	# 69
49) Dimethylphthalate	14.15	163	86094	8.142	ng	100
56) 2,4-Dinitrotoluene	14.69	165	16156	6.305	ng	# 18
66) 4-Bromophenyl-phenylether	16.18	248	17824	4.699	ng	# 1

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

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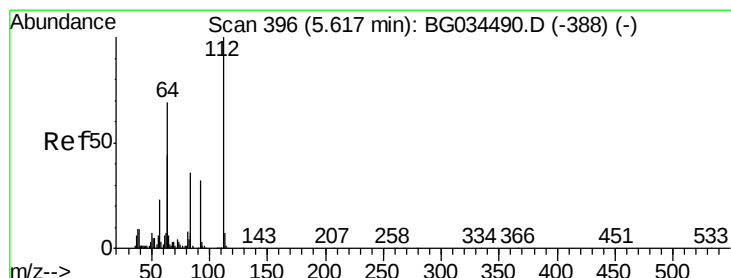
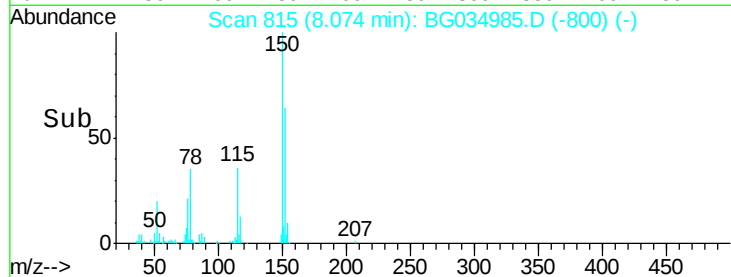
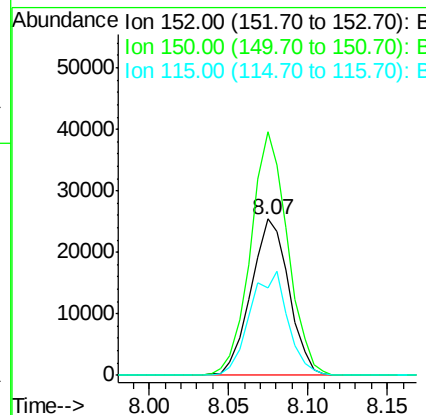
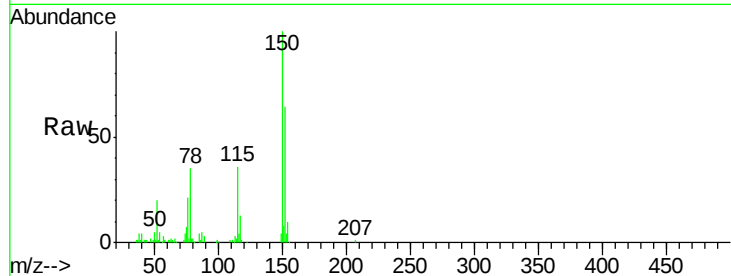


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 815
Delta R.T. -0.01 min
Lab File: BG034985.D
Acq: 8 Jun 2018 14:54

Instrument :
BNA_G
ClientSampleId :
EPE-109-1(55-57)

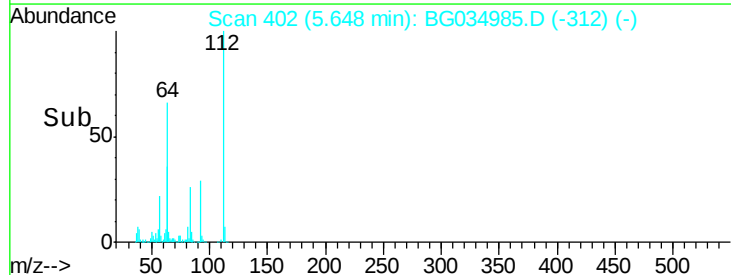
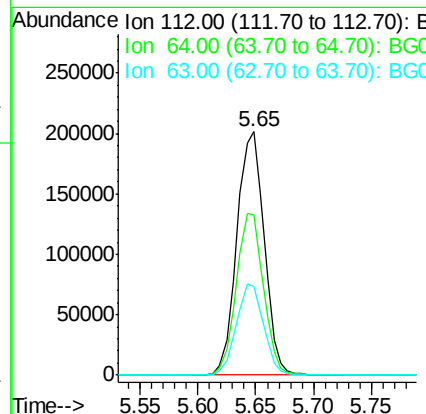
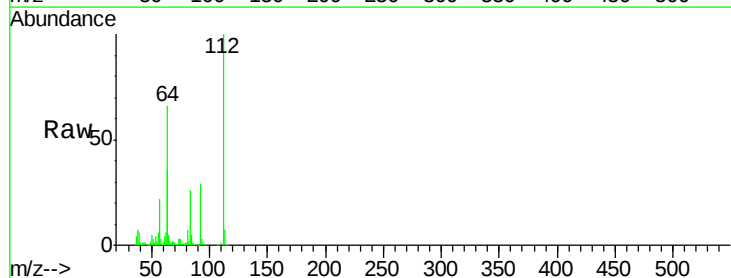
Tot Ion:152 Resp: 42258
Ion Ratio Lower Upper
152 100
150 155.7 126.6 189.8
115 55.8 53.0 79.4



#5

2-Fluorophenol
Concen: 132.141 ng
RT: 5.65 min Scan# 402
Delta R.T. -0.00 min
Lab File: BG034985.D
Acq: 8 Jun 2018 14:54

Tgt Ion:112 Resp: 330883
Ion Ratio Lower Upper
112 100
64 65.8 56.3 84.5
63 36.4 30.1 45.1





#7

Phenol-d6

Concen: 135.993 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG034985.D

Acq: 8 Jun 2018 14:54

Instrument :

BNA_G

ClientSampleId :

EPE-109-1(55-57)

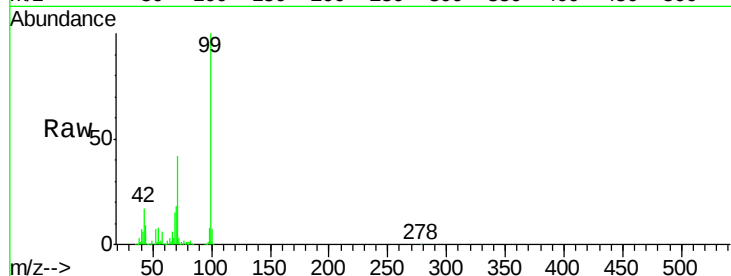
Tot Ion: 99 Resp: 502599

Ion Ratio Lower Upper

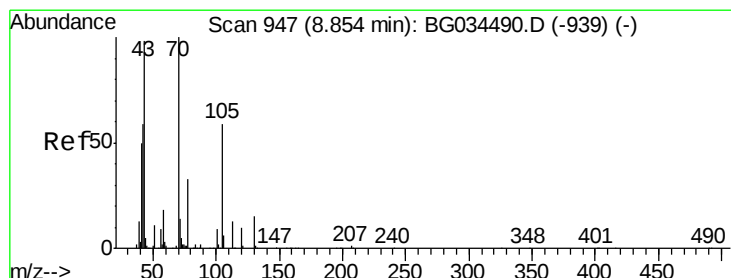
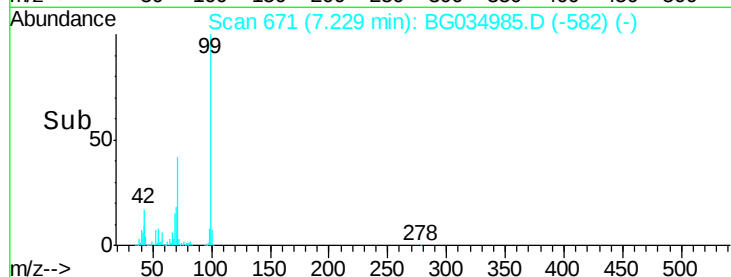
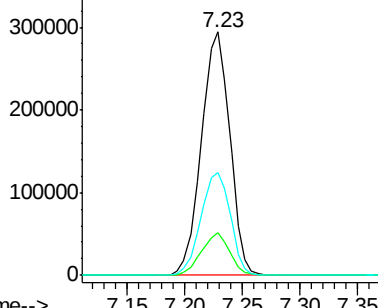
99 100

42 17.3 14.1 21.1

71 42.0 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: 13.705 ng

RT: 9.24 min Scan# 1013

Delta R.T. 0.34 min

Lab File: BG034985.D

Acq: 8 Jun 2018 14:54

Tgt Ion: 70 Resp: 43033

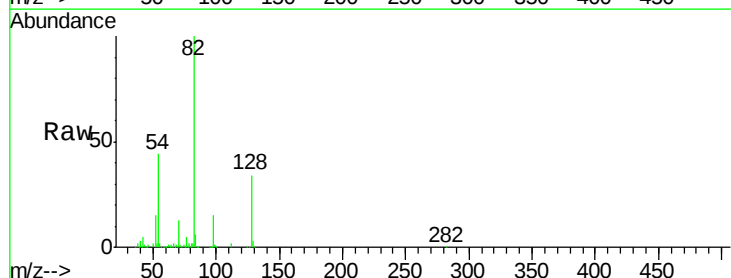
Ion Ratio Lower Upper

70 100

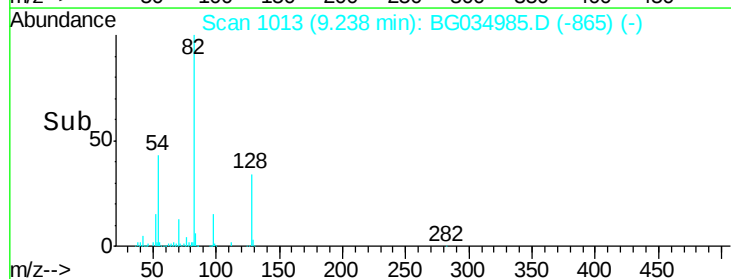
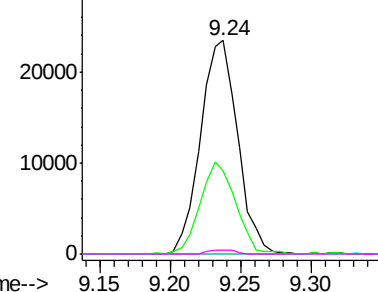
42 38.7 49.1 73.7#

101 0.0 8.5 12.7#

130 1.5 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

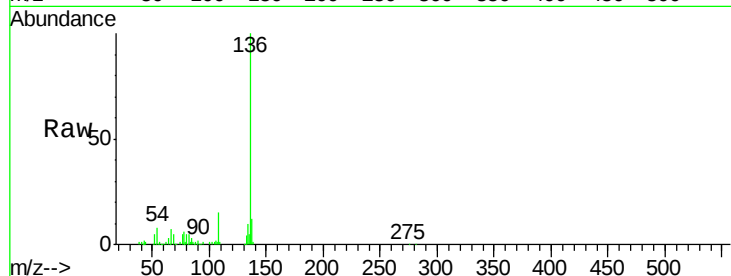




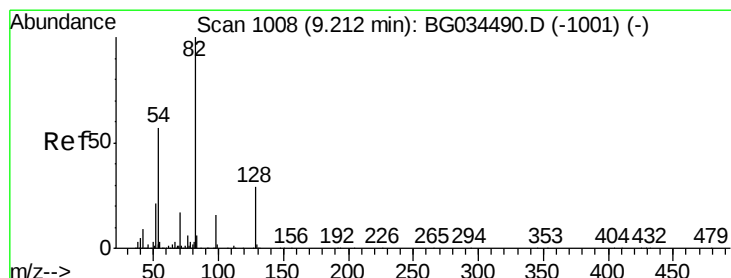
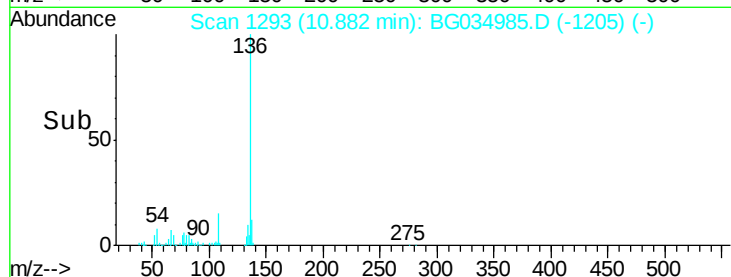
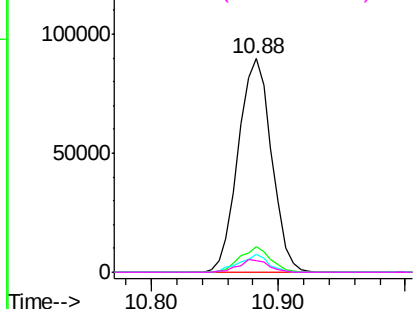
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG034985.D
Acq: 8 Jun 2018 14:54

Instrument :
BNA_G
ClientSampleId :
EPE-109-1(55-57)

Tot Ion:136	Resp: 163127
Ion Ratio	Lower Upper
136 100	
137 12.1	9.2 13.8
54 8.4	10.3 15.5#
68 5.4	4.5 6.7

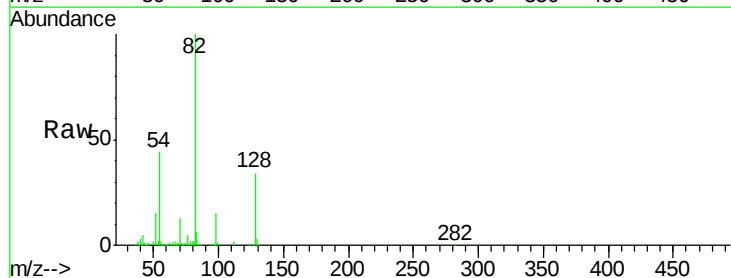


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

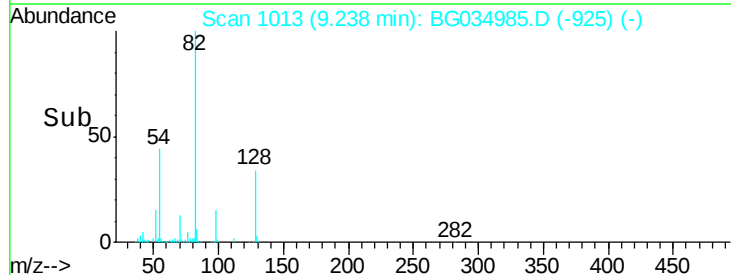
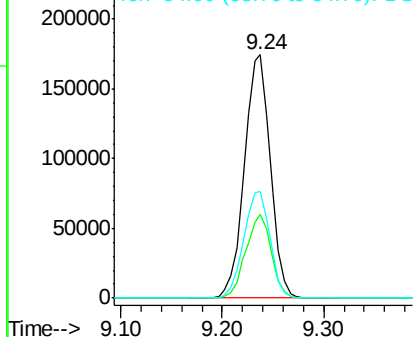


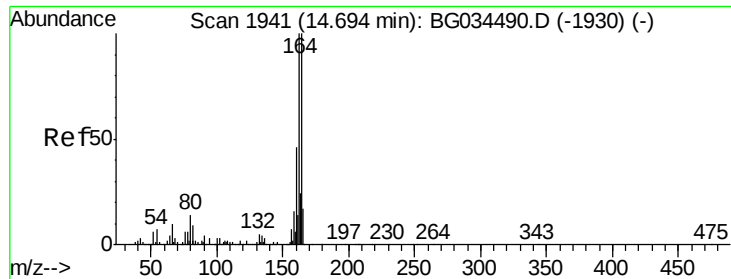
#23
Nitrobenzene-d5
Concen: 89.771 ng
RT: 9.24 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BG034985.D
Acq: 8 Jun 2018 14:54

Tgt	Ion: 82	Resp:	308075
Ion	Ratio	Lower	Upper
82	100		
128	34.1	29.7	44.5
54	43.7	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: 14.69 min Scan# 1942

Delta R.T. -0.01 min

Lab File: BG034985.D

Acq: 8 Jun 2018 14:54

Instrument :

BNA_G

ClientSampleId :

EPE-109-1(55-57)

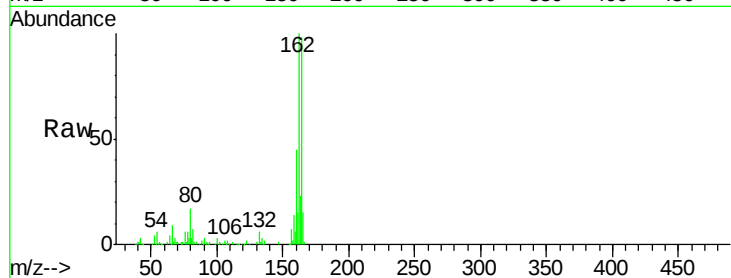
Tot Ion:164 Resp: 121252

Ion Ratio Lower Upper

164 100

162 101.9 78.8 118.2

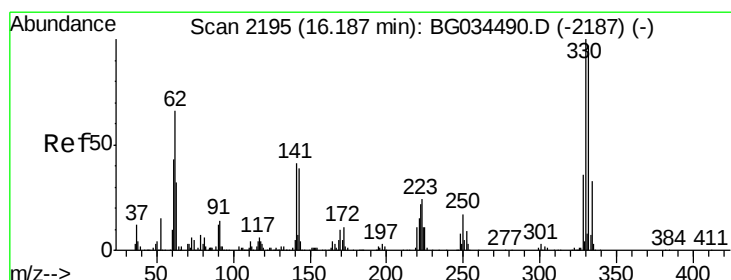
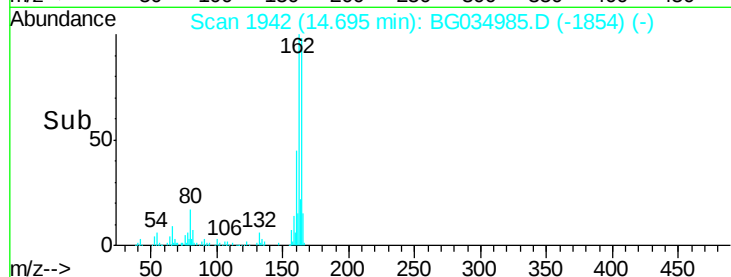
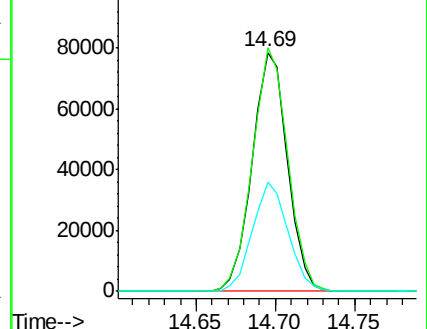
160 45.8 35.4 53.0



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: 140.135 ng

RT: 16.18 min Scan# 2195

Delta R.T. -0.01 min

Lab File: BG034985.D

Acq: 8 Jun 2018 14:54

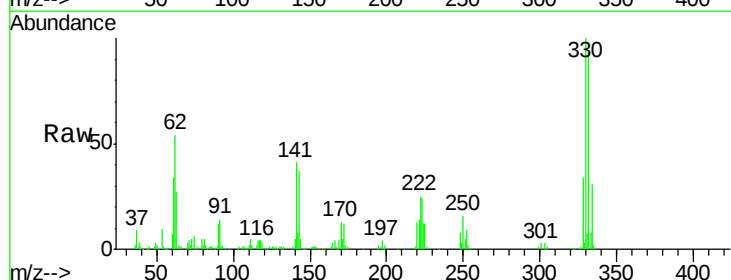
Tgt Ion:330 Resp: 217515

Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

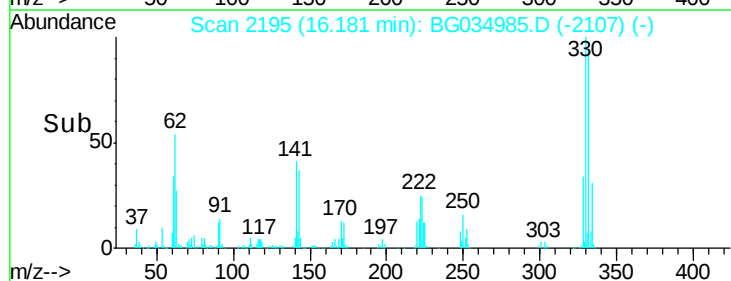
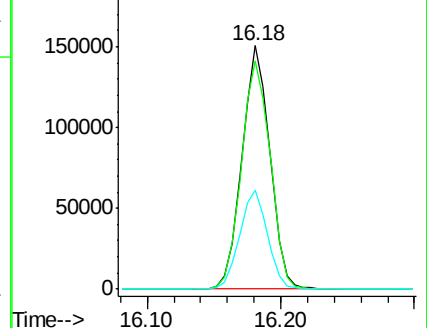
141 40.6 25.2 37.8#

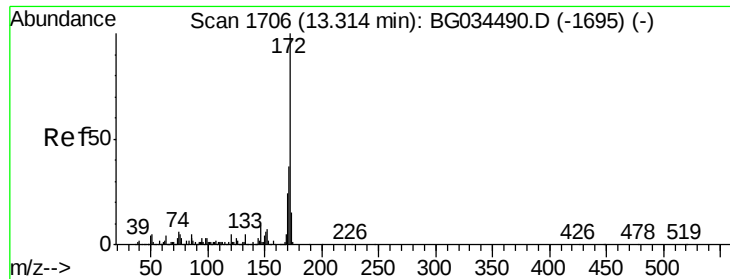


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

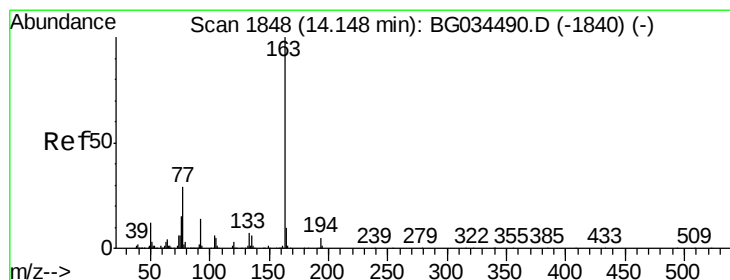
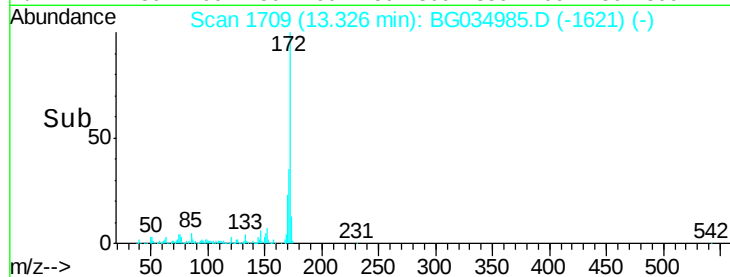
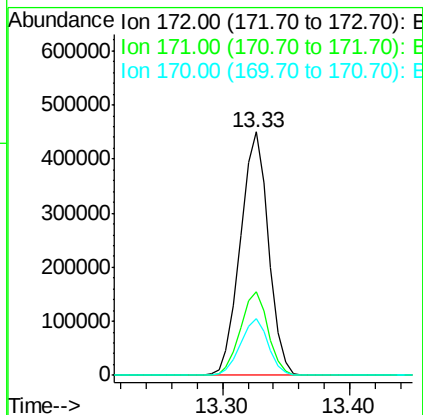
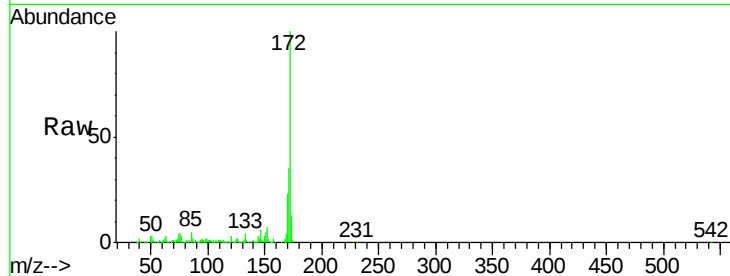




#44
2-Fluorobiphenyl
Concen: 73.897 ng
RT: 13.33 min Scan# 1709
Delta R.T. -0.01 min
Lab File: BG034985.D
Acq: 8 Jun 2018 14:54

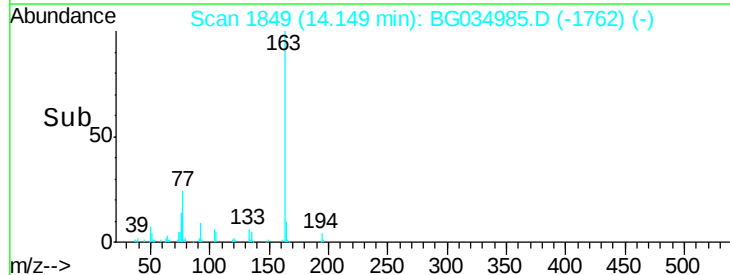
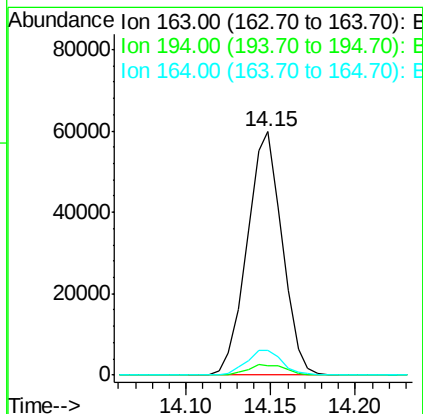
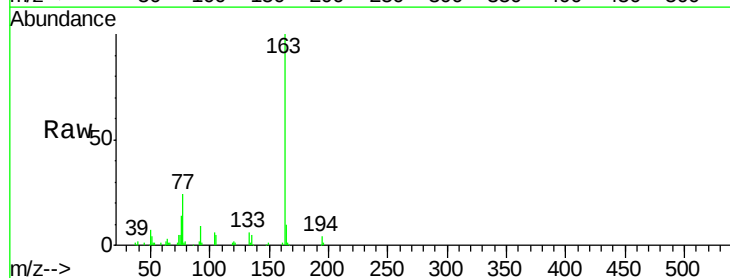
Instrument :
BNA_G
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EPE-109-1(55-57)

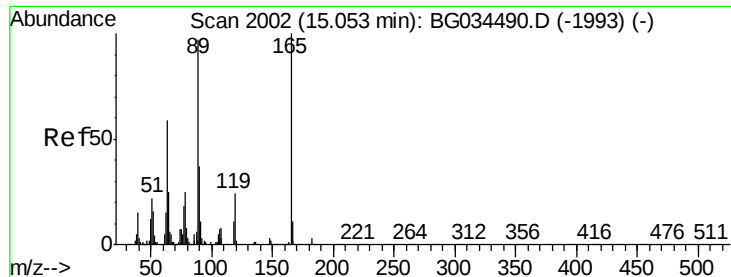
Tot Ion:172 Resp: 689241
Ion Ratio Lower Upper
172 100
171 34.6 30.0 45.0
170 23.5 19.5 29.3



#49
Dimethylphthalate
Concen: 8.142 ng
RT: 14.15 min Scan# 1849
Delta R.T. -0.02 min
Lab File: BG034985.D
Acq: 8 Jun 2018 14:54

Tgt Ion:163 Resp: 86094
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.2
164 10.3 8.2 12.4





#56

2,4-Dinitrotoluene

Concen: 6.305 ng

RT: 14.69 min Scan# 1942

Delta R.T. -0.37 min

Lab File: BG034985.D

Acq: 8 Jun 2018 14:54

Instrument :

BNA_G

ClientSampleId :

EPE-109-1(55-57)

Tot Ion:165 Resp: 16156

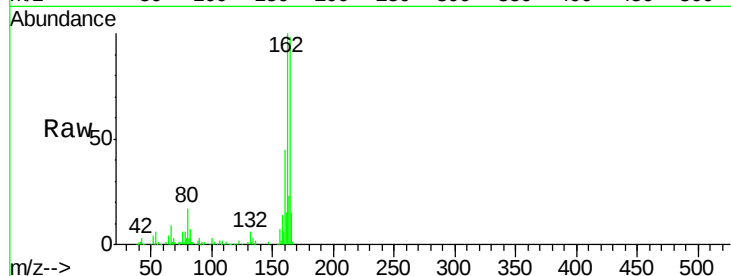
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 2.1 66.9 100.3#

182 0.0 2.6 3.8#

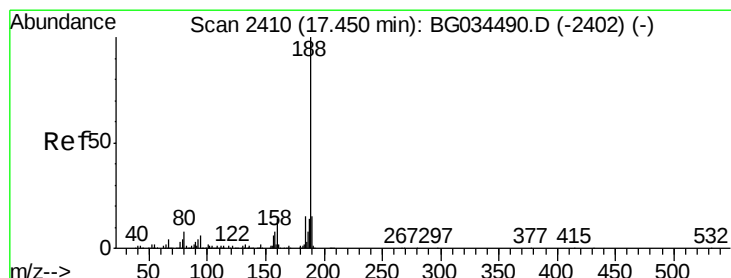
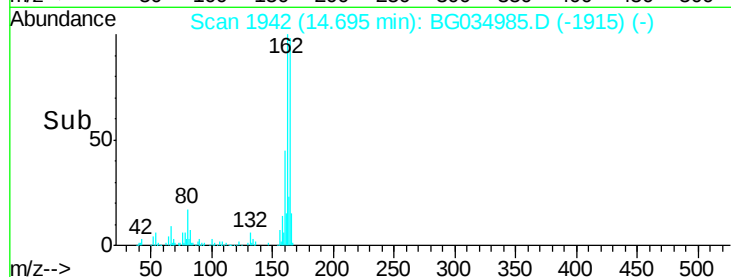
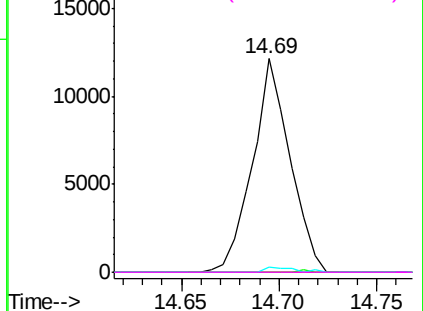


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.44 min Scan# 2409

Delta R.T. -0.01 min

Lab File: BG034985.D

Acq: 8 Jun 2018 14:54

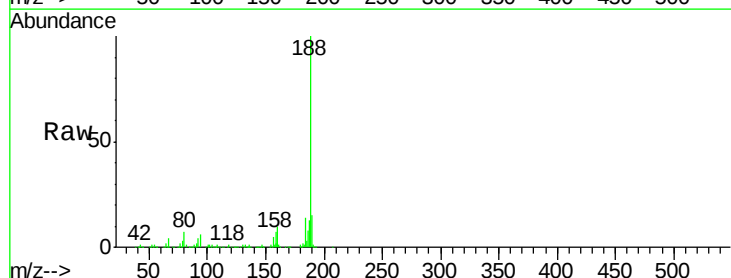
Tgt Ion:188 Resp: 314957

Ion Ratio Lower Upper

188 100

94 6.0 6.9 10.3#

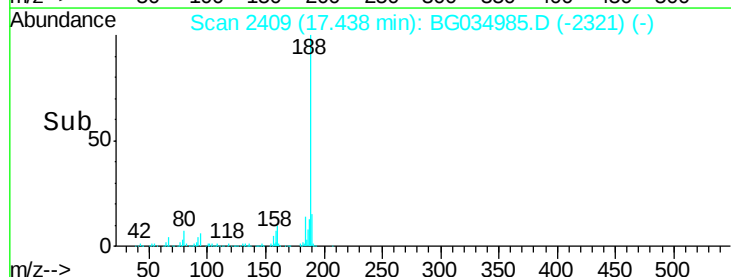
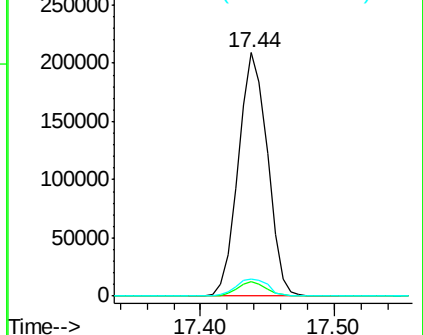
80 7.0 7.7 11.5#



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

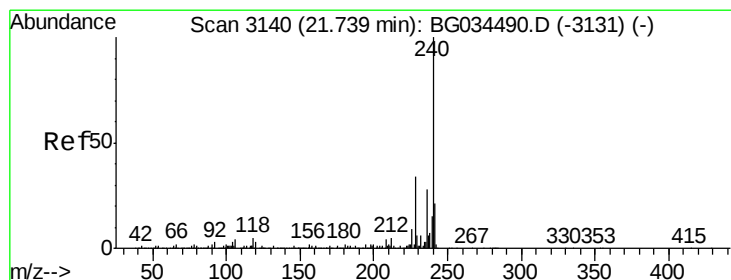
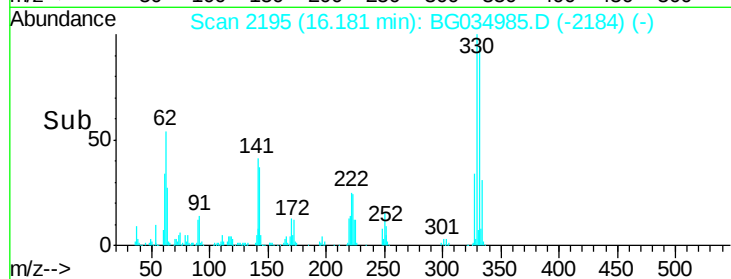
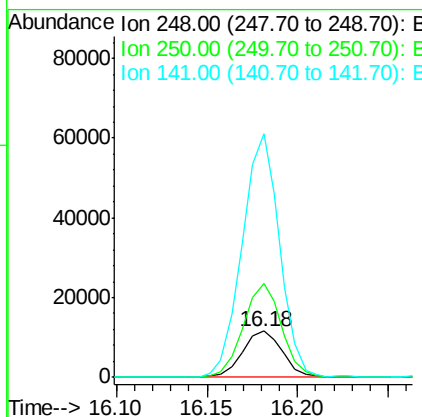
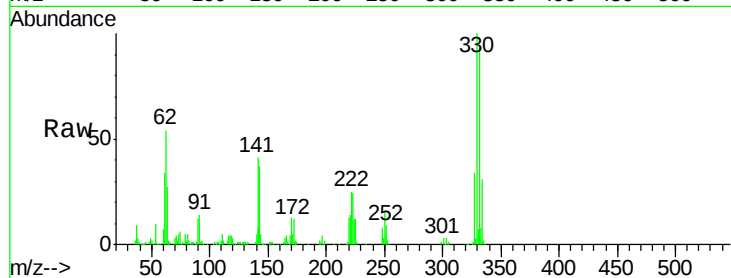




#66
4-Bromophenyl-phenylether
Concen: 4.699 ng
RT: 16.18 min Scan# 2195
Delta R.T. -0.46 min
Lab File: BG034985.D
Acq: 8 Jun 2018 14:54

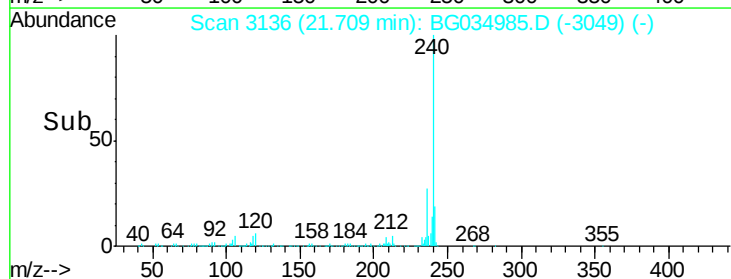
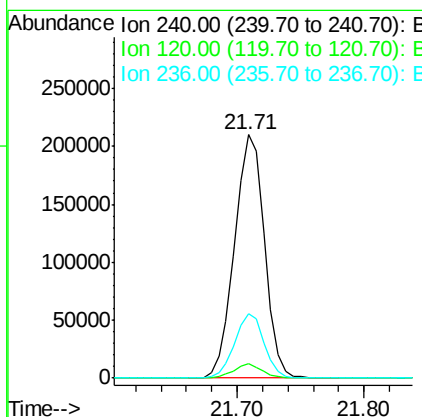
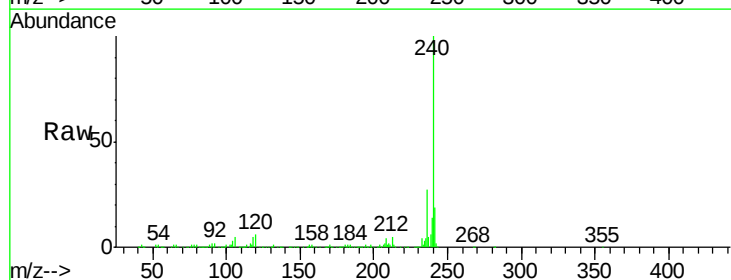
Instrument :
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EPE-109-1(55-57)

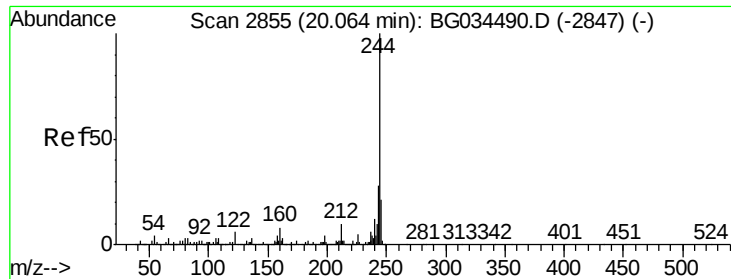
Tot Ion:248 Resp: 17824
Ion Ratio Lower Upper
248 100
250 202.5 77.1 115.7#
141 527.5 50.8 76.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3136
Delta R.T. -0.02 min
Lab File: BG034985.D
Acq: 8 Jun 2018 14:54

Tgt Ion:240 Resp: 341384
Ion Ratio Lower Upper
240 100
120 5.9 6.8 10.2#
236 26.7 20.9 31.3





#78

Terphenyl-d14

Concen: 75.964 ng

RT: 20.05 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG034985.D

Acq: 8 Jun 2018 14:54

Instrument :

BNA_G

ClientSampleId :

EPE-109-1(55-57)

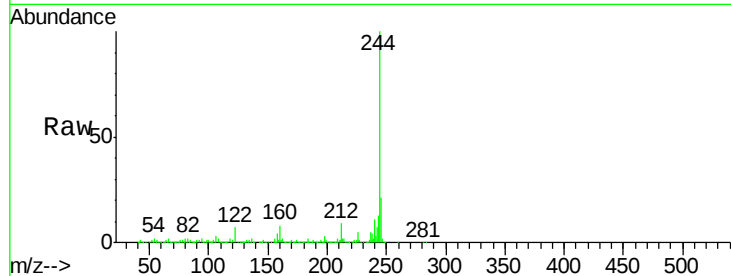
Tot Ion:244 Resp: 1238033

Ion Ratio Lower Upper

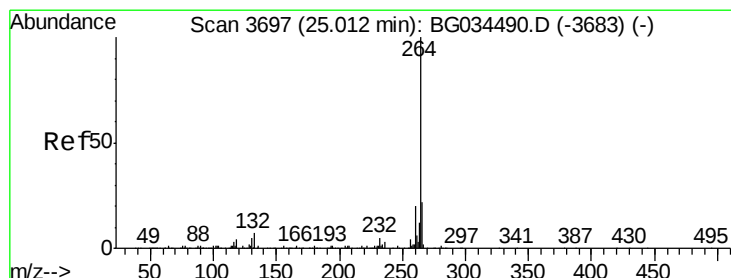
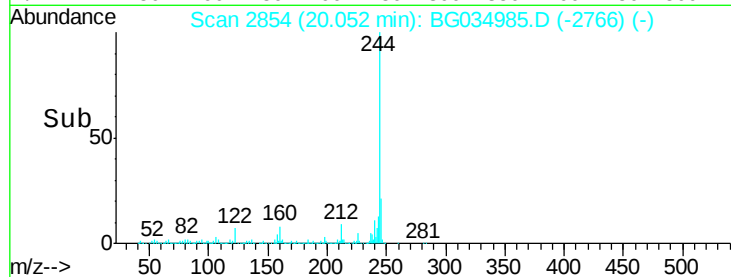
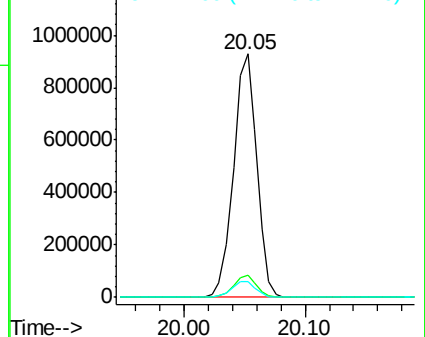
244 100

212 9.1 5.8 8.8#

122 6.6 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: 24.95 min Scan# 3687

Delta R.T. -0.04 min

Lab File: BG034985.D

Acq: 8 Jun 2018 14:54

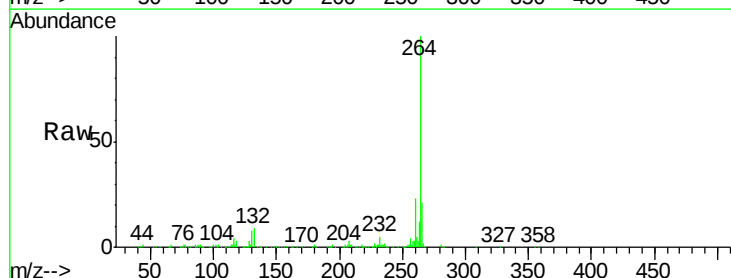
Tgt Ion:264 Resp: 335147

Ion Ratio Lower Upper

264 100

260 23.3 17.4 26.0

265 21.2 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

