

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072518\
 Data File : BG035890.D
 Acq On : 26 Jul 2018 1:38
 Operator : JU/SJ
 Sample : J4140-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(75-77)

Quant Time: Jul 26 04:32:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 25 11:04:14 2018
 Response via : Initial Calibration

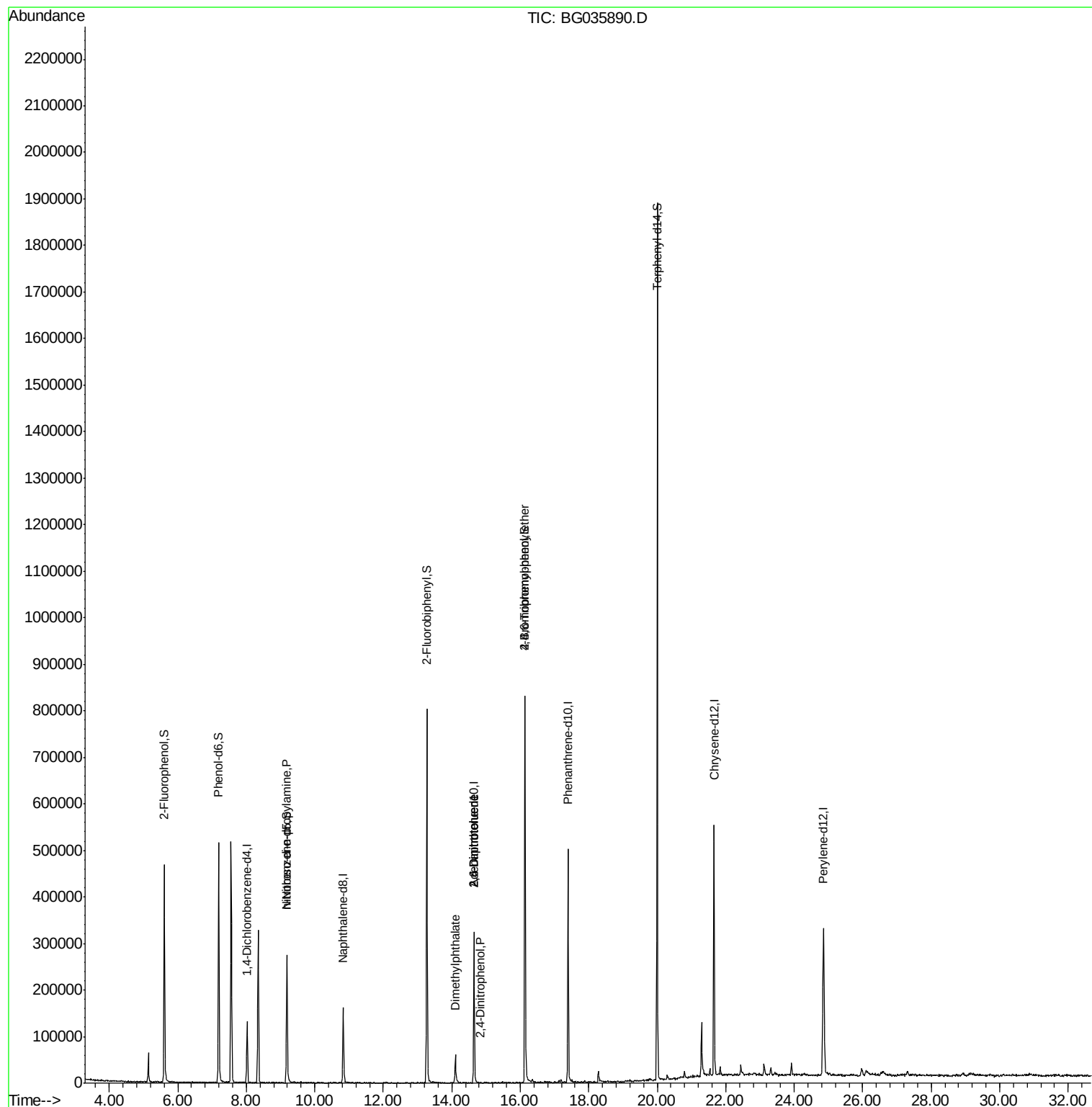
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	37726	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	152271	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	120030	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	340730	20.00	ng	0.00
75) Chrysene-d12	21.66	240	361001	20.00	ng	0.00
86) Perylene-d12	24.85	264	344825	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	219432	96.57	ng	0.00
7) Phenol-d6	7.19	99	336016	99.11	ng	0.00
23) Nitrobenzene-d5	9.19	82	199990	54.87	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	166323	105.13	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	473064	52.80	ng	0.00
78) Terphenyl-d14	20.00	244	881230	53.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	26387	9.243	ng	# 66
49) Dimethylphthalate	14.10	163	54527	5.185	ng	# 97
50) 2,6-Dinitrotoluene	14.65	165	16438	7.676	ng	# 18
53) 2,4-Dinitrophenol	14.81	184	63	6.635	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	16438	5.350	ng	# 16
66) 4-Bromophenyl-phenylether	16.14	248	13141	3.324	ng	# 1

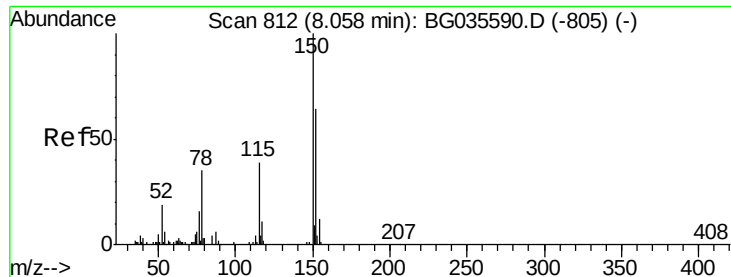
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration



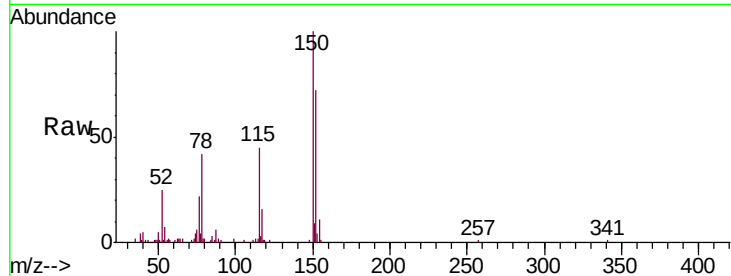


#1

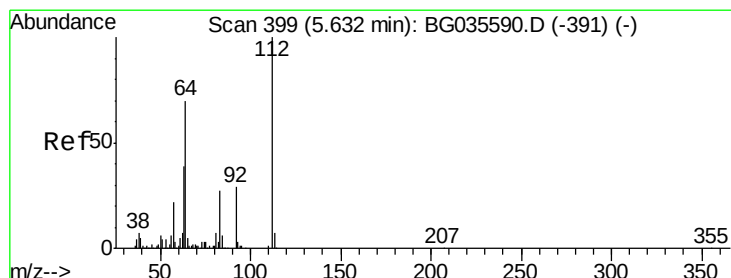
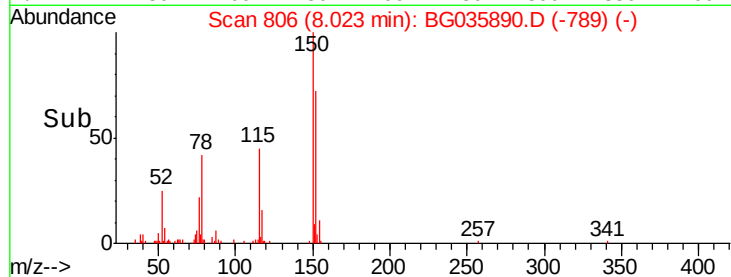
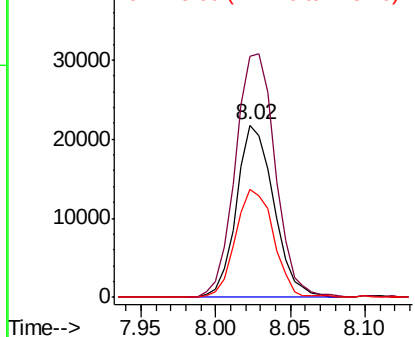
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035890.D
Acq: 26 Jul 2018 1:38

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(75-77)

Tgt Ion:152 Resp: 37726
Ion Ratio Lower Upper
152 100
150 139.4 126.6 189.8
115 62.5 53.0 79.4



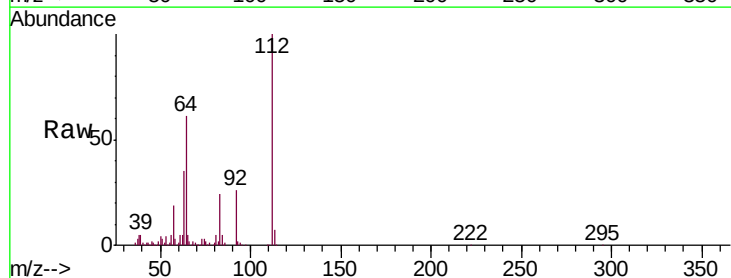
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



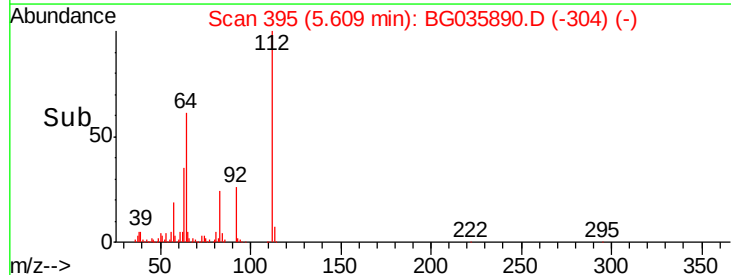
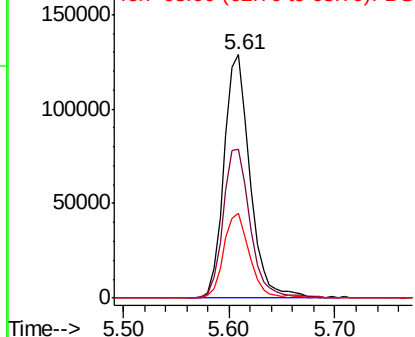
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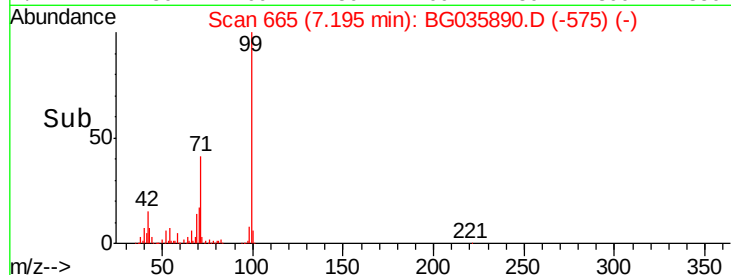
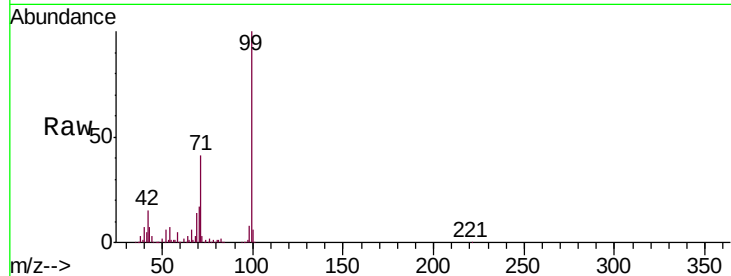
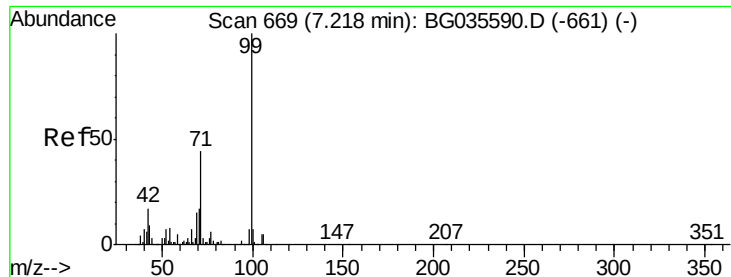
2-Fluorophenol
Concen: 96.567 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: BG035890.D
Acq: 26 Jul 2018 1:38

Tgt Ion:112 Resp: 219432
Ion Ratio Lower Upper
112 100
64 61.2 56.3 84.5
63 34.8 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 99.111 ng

RT: 7.19 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035890.D

Acq: 26 Jul 2018 1:38

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(75-77)

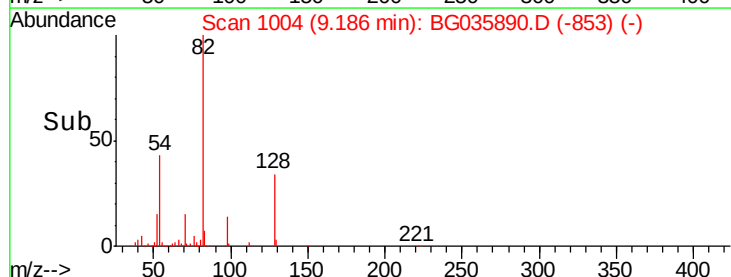
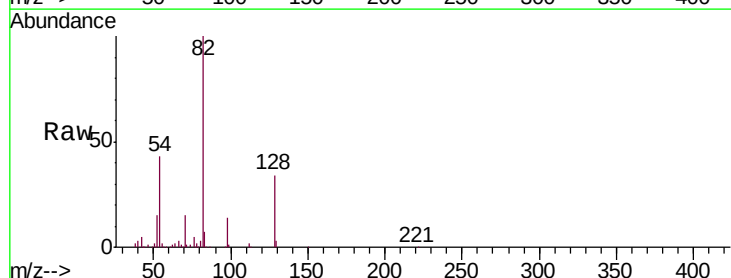
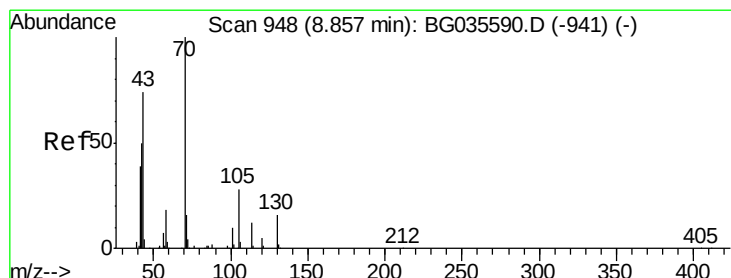
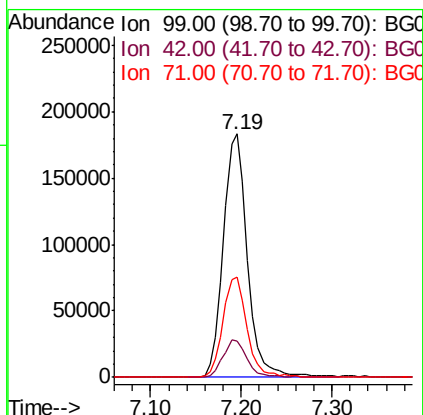
Tgt Ion: 99 Resp: 336016

Ion Ratio Lower Upper

99 100

42 15.1 14.1 21.1

71 41.0 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 9.243 ng

RT: 9.19 min Scan# 1004

Delta R.T. 0.36 min

Lab File: BG035890.D

Acq: 26 Jul 2018 1:38

Tgt Ion: 70 Resp: 26387

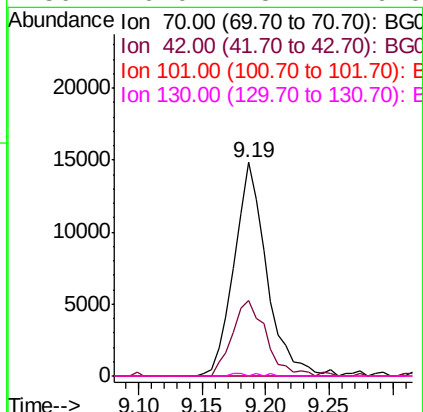
Ion Ratio Lower Upper

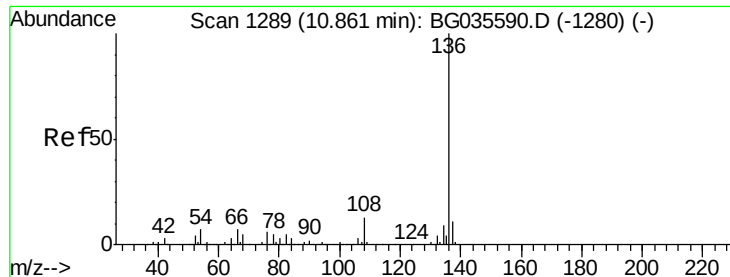
70 100

42 35.5 49.1 73.7#

101 0.0 8.5 12.7#

130 0.0 13.4 20.0#

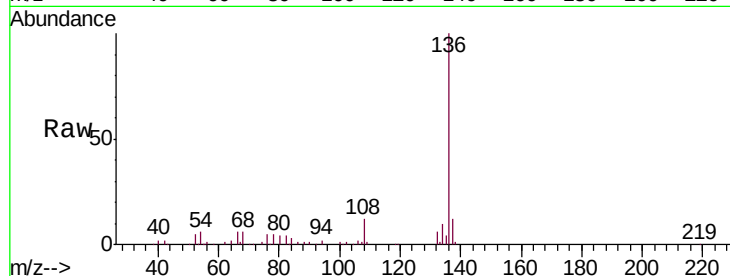




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035890.D
Acq: 26 Jul 2018 1:38

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(75-77)

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	6.3	10.3	15.5
68	6.4	4.5	6.7



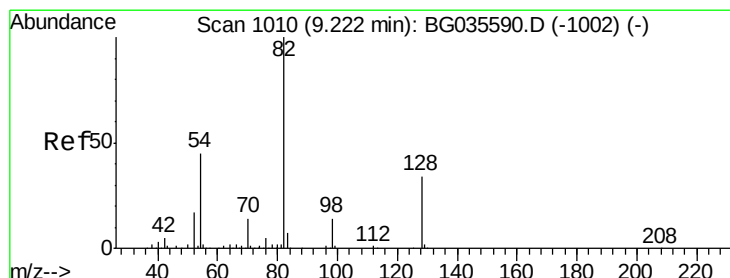
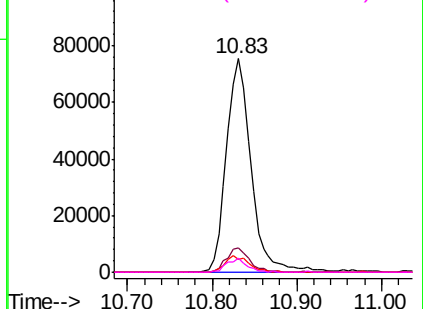
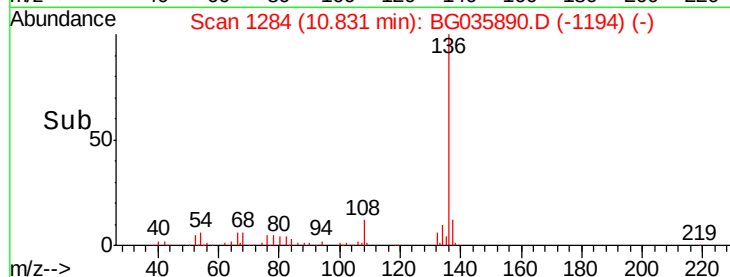
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

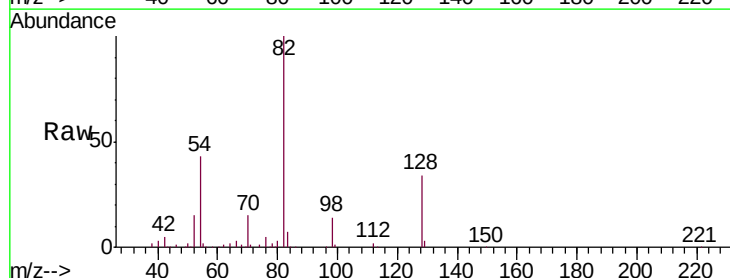
Ion 54.00 (53.70 to 54.70): BG

Ion 68.00 (67.70 to 68.70): BG



#23
Nitrobenzene-d5
Concen: 54.866 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035890.D
Acq: 26 Jul 2018 1:38

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.7	29.7	44.5
54	43.5	43.1	64.7

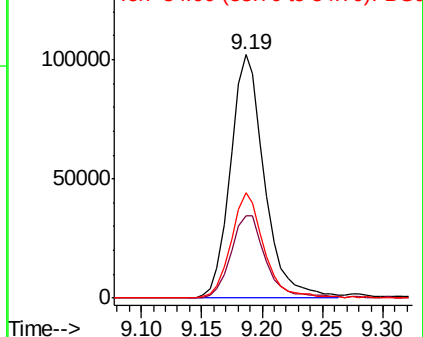
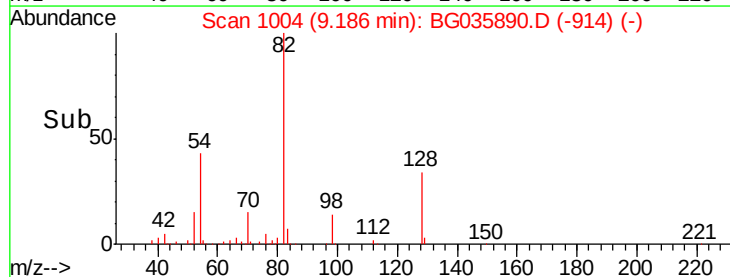


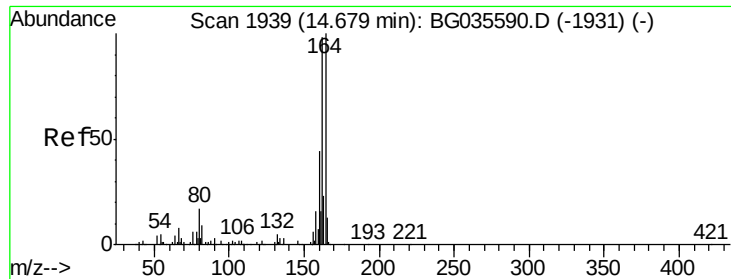
Abundance

Ion 82.00 (81.70 to 82.70): BG

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BG





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.00 min

Lab File: BG035890.D

Acq: 26 Jul 2018 1:38

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(75-77)

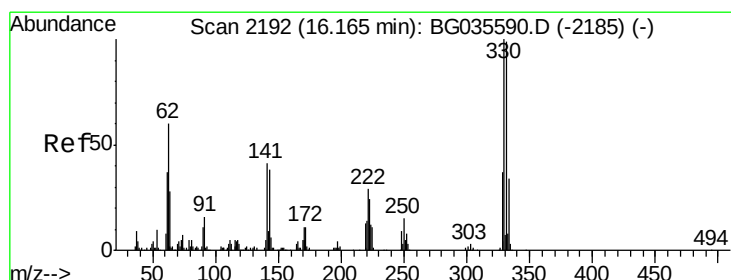
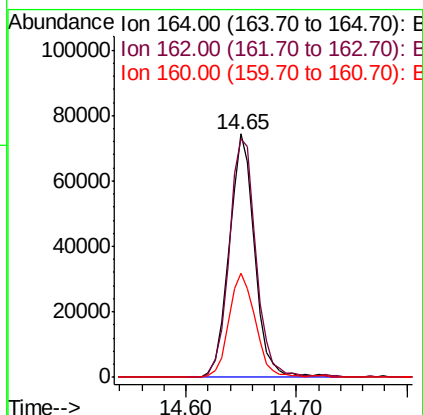
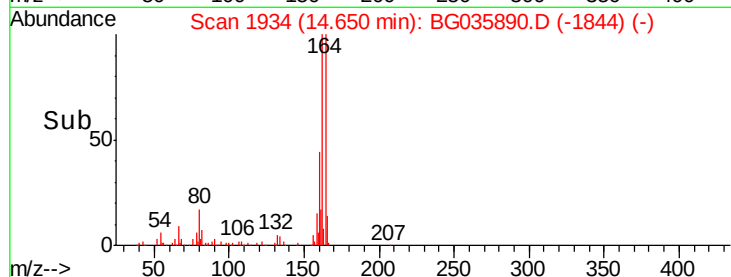
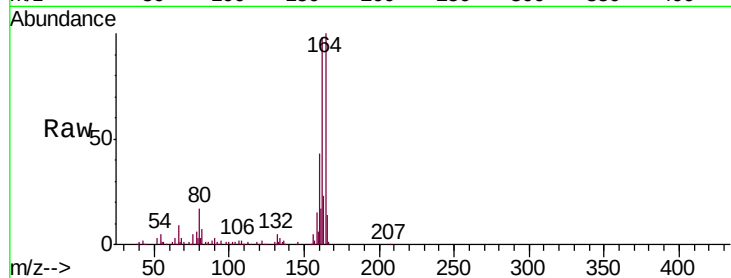
Tgt Ion:164 Resp: 120030

Ion Ratio Lower Upper

164 100

162 98.1 78.8 118.2

160 42.9 35.4 53.0



#41

2,4,6-Tribromophenol

Concen: 105.130 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG035890.D

Acq: 26 Jul 2018 1:38

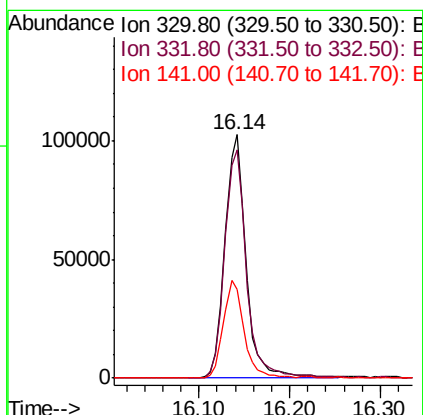
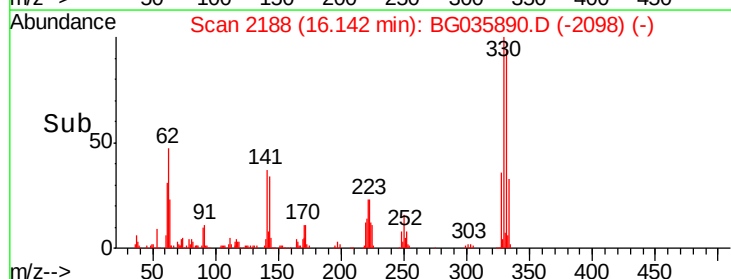
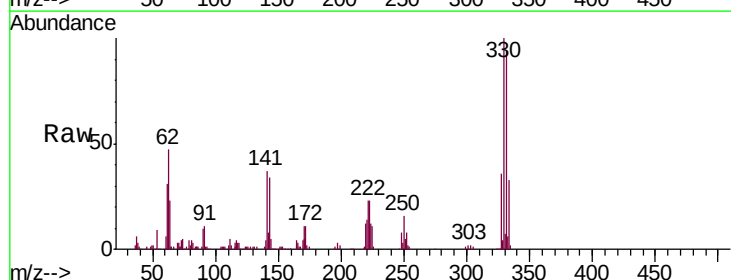
Tgt Ion:330 Resp: 166323

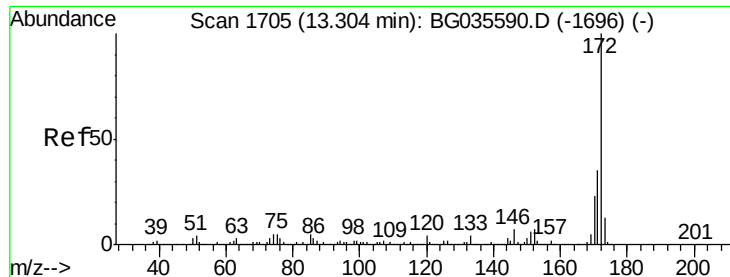
Ion Ratio Lower Upper

330 100

332 97.2 77.0 115.6

141 39.2 25.2 37.8#

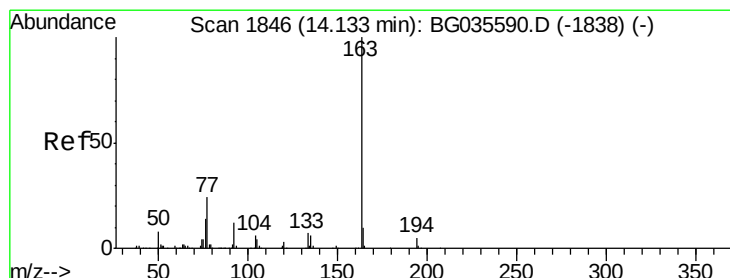
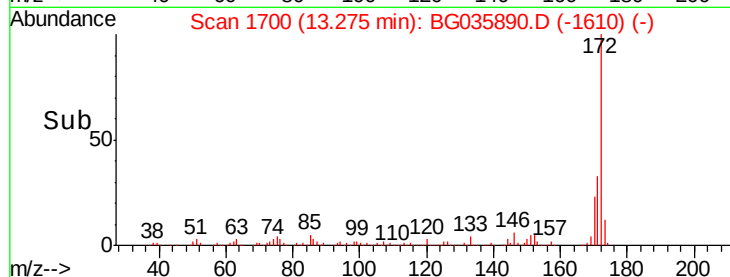
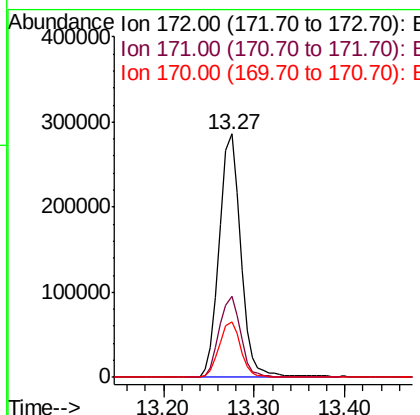
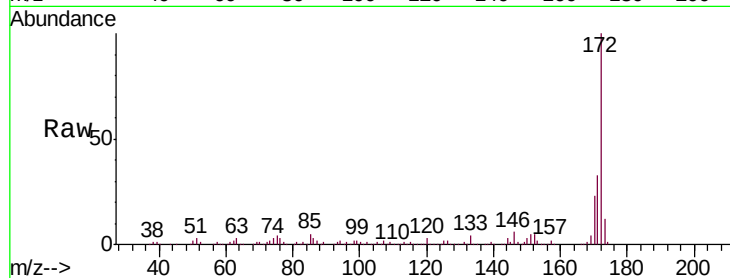




#44
 2-Fluorobiphenyl
 Concen: 52.802 ng
 RT: 13.27 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035890.D
 Acq: 26 Jul 2018 1:38

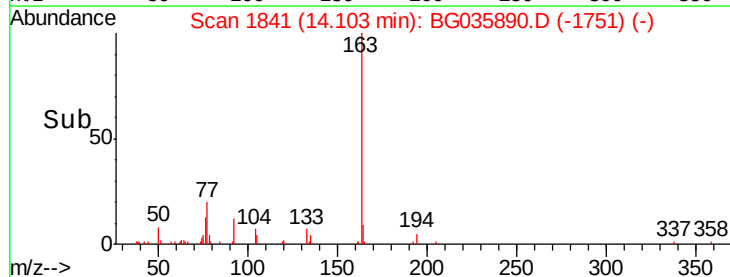
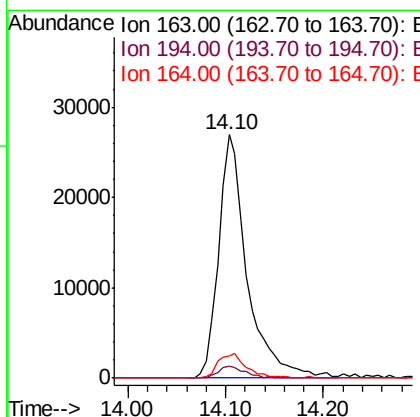
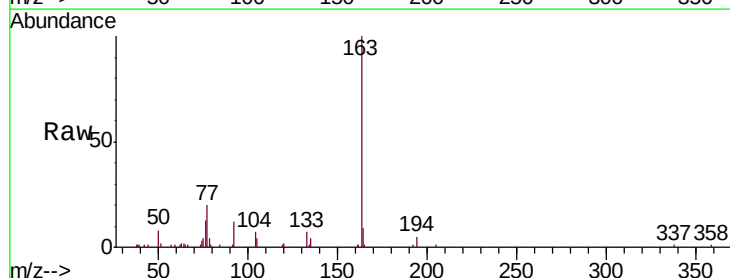
Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(75-77)

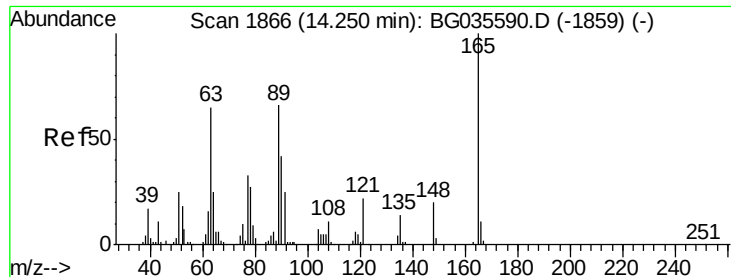
Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.2	30.0	45.0
170	22.9	19.5	29.3



#49
 Dimethylphthalate
 Concen: 5.185 ng
 RT: 14.10 min Scan# 1841
 Delta R.T. -0.00 min
 Lab File: BG035890.D
 Acq: 26 Jul 2018 1:38

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.2
164	8.9	8.2	12.4

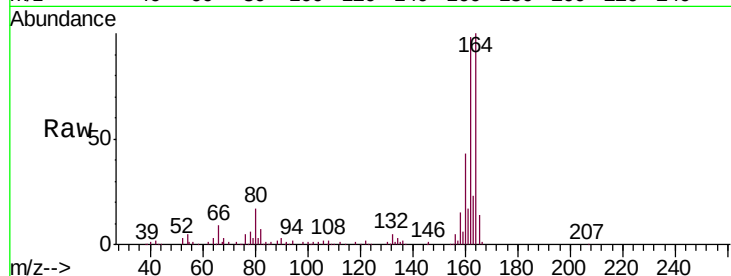




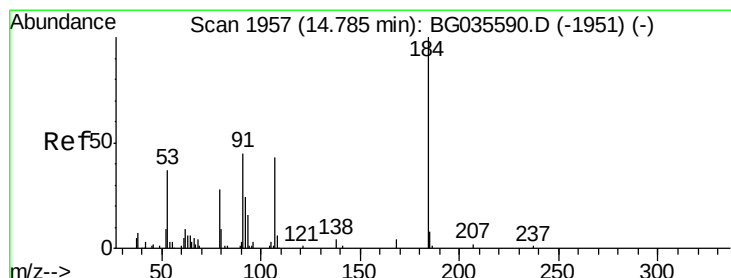
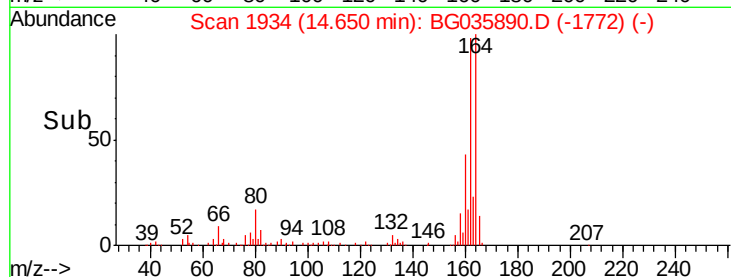
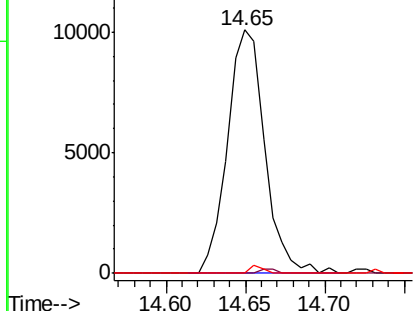
#50
 2,6-Dinitrotoluene
 Concen: 7.676 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.42 min
 Lab File: BG035890.D
 Acq: 26 Jul 2018 1:38

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(75-77)

Tgt Ion:165 Resp: 16438
 Ion Ratio Lower Upper
 165 100
 63 0.0 52.7 79.1#
 89 0.0 49.2 73.8#

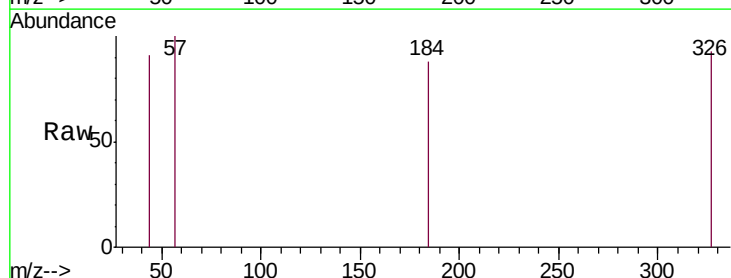


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 89.00 (88.70 to 89.70): BGC

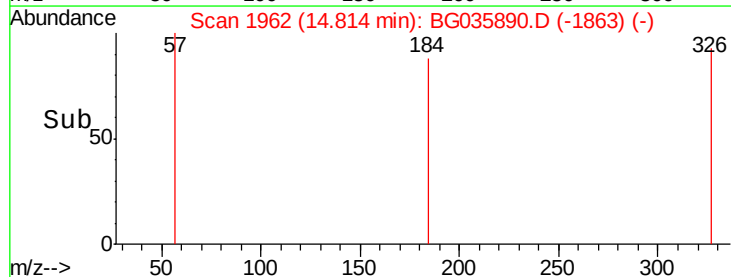
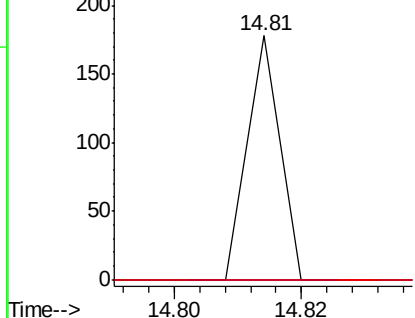


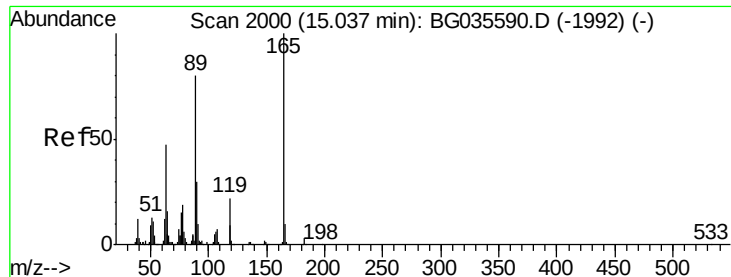
#53
 2,4-Dinitrophenol
 Concen: 6.635 ng
 RT: 14.81 min Scan# 1962
 Delta R.T. 0.05 min
 Lab File: BG035890.D
 Acq: 26 Jul 2018 1:38

Tgt Ion:184 Resp: 63
 Ion Ratio Lower Upper
 184 100
 63 0.0 59.8 89.8#
 154 0.0 101.8 152.8#



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BGC
 Ion 154.00 (153.70 to 154.70): E





#56

2,4-Dinitrotoluene

Concen: 5.350 ng

RT: 14.65 min Scan# 1934

Delta R.T. -0.37 min

Lab File: BG035890.D

Acq: 26 Jul 2018 1:38

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(75-77)

Tgt Ion:165 Resp: 16438

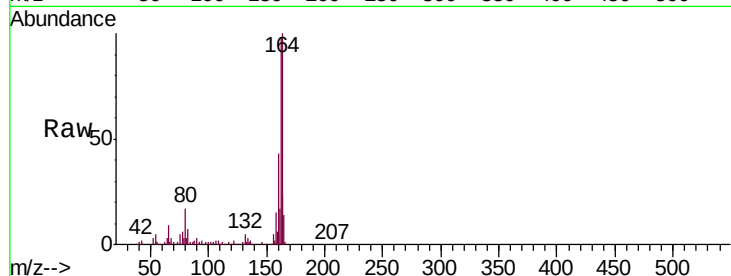
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 0.0 66.9 100.3#

182 0.0 2.6 3.8#

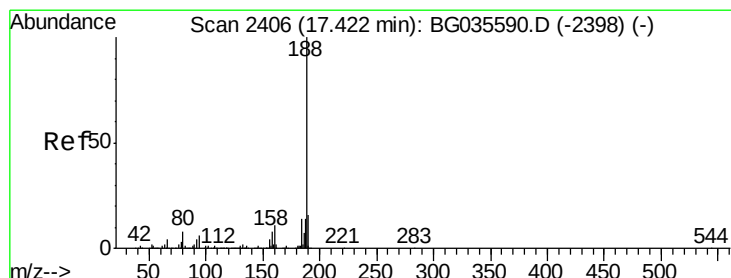
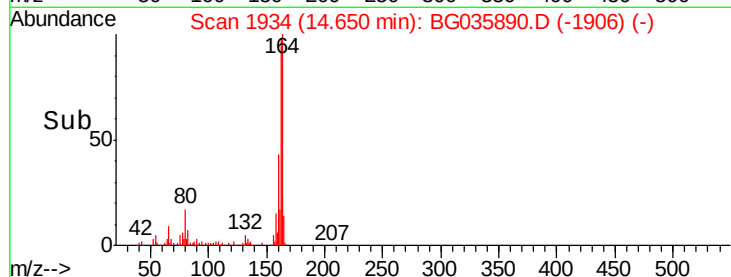
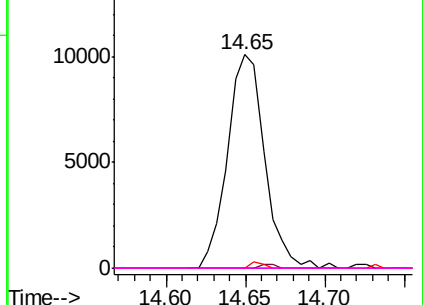


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.39 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BG035890.D

Acq: 26 Jul 2018 1:38

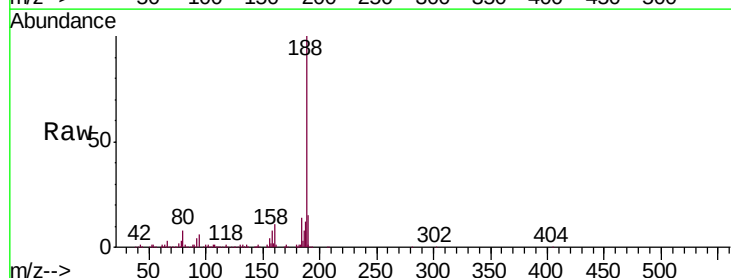
Tgt Ion:188 Resp: 340730

Ion Ratio Lower Upper

188 100

94 6.5 6.9 10.3#

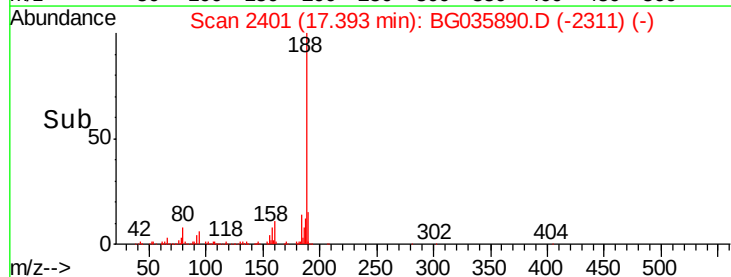
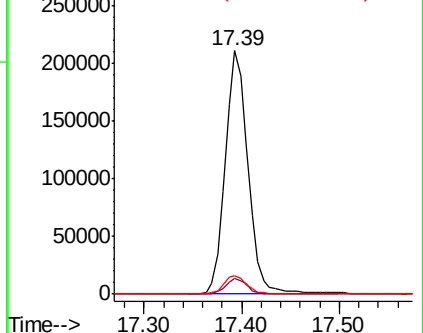
80 7.5 7.7 11.5#

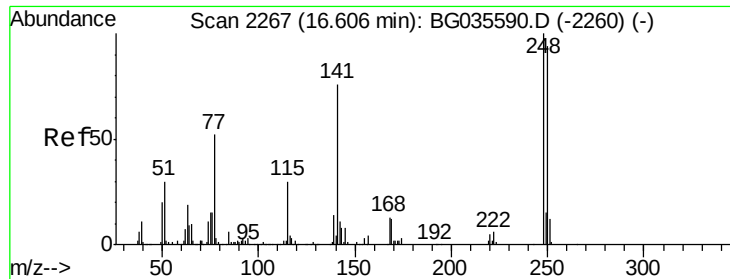


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

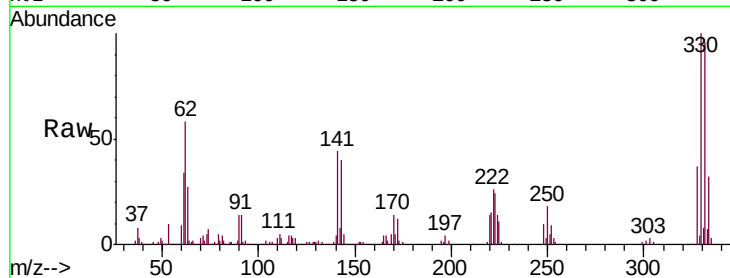




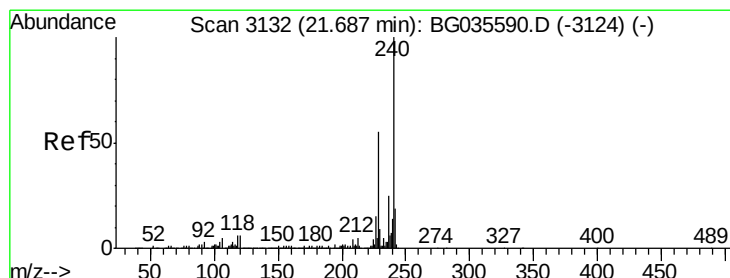
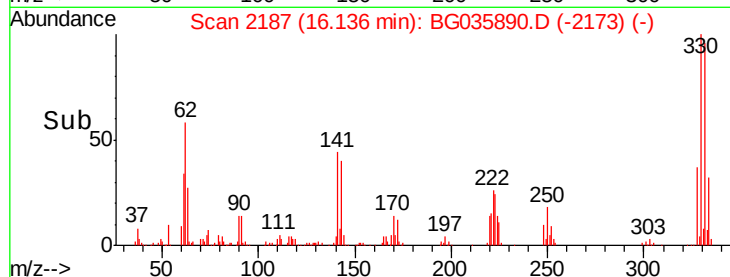
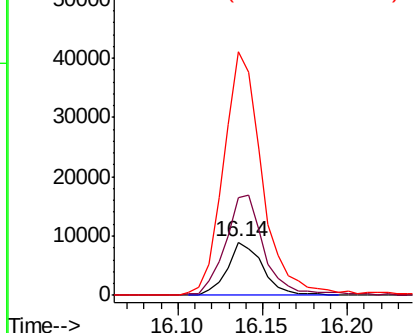
#66
 4-Bromophenyl-phenylether
 Concen: 3.324 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.45 min
 Lab File: BG035890.D
 Acq: 26 Jul 2018 1:38

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(75-77)

Tgt Ion:248 Resp: 13141
 Ion Ratio Lower Upper
 248 100
 250 182.5 77.1 115.7#
 141 455.4 50.8 76.2#

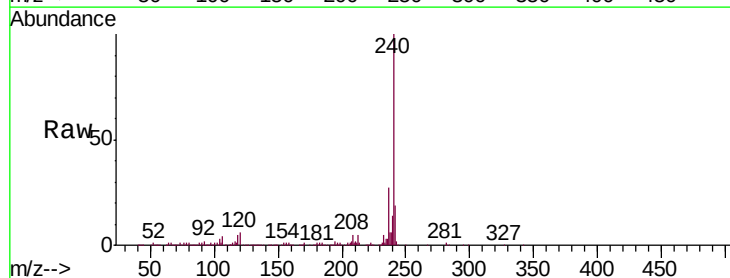


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

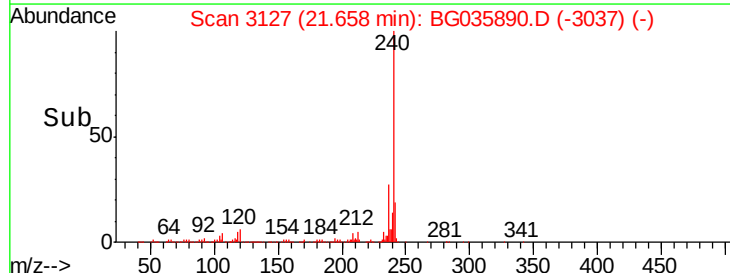
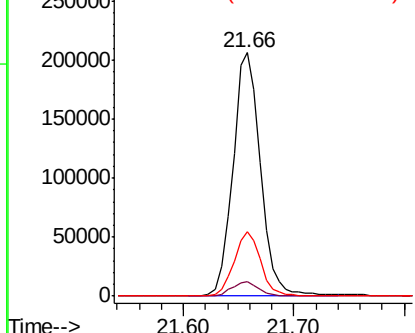


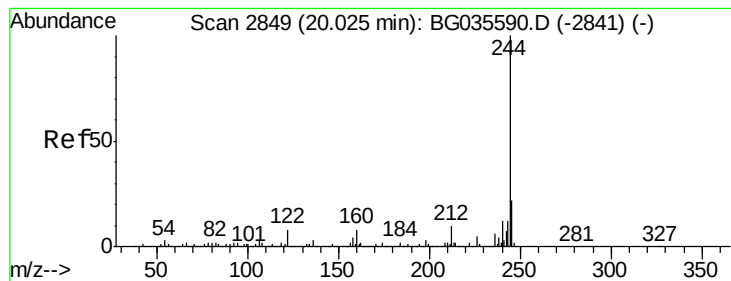
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.66 min Scan# 3127
 Delta R.T. -0.00 min
 Lab File: BG035890.D
 Acq: 26 Jul 2018 1:38

Tgt Ion:240 Resp: 361001
 Ion Ratio Lower Upper
 240 100
 120 5.8 6.8 10.2#
 236 26.5 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: 53.809 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035890.D

Acq: 26 Jul 2018 1:38

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(75-77)

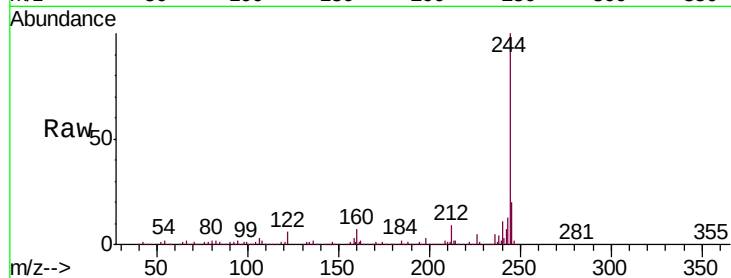
Tgt Ion:244 Resp: 881230

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

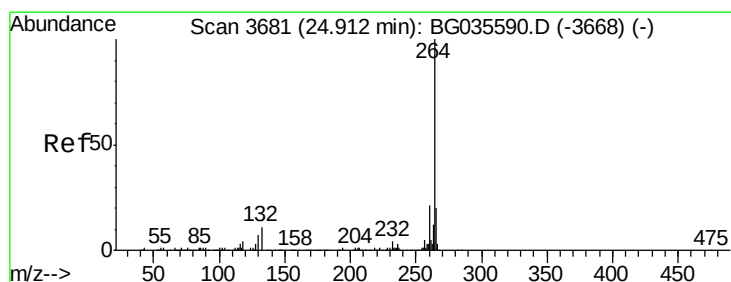
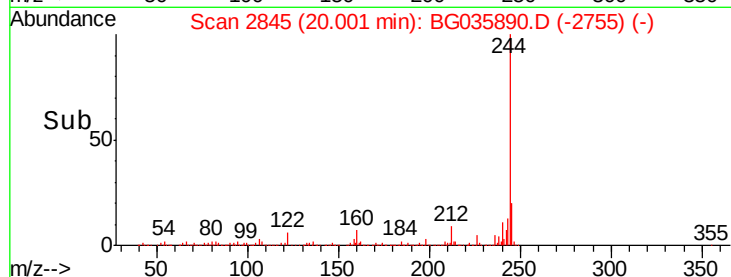
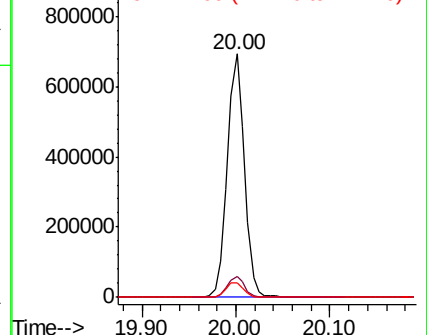
122 5.9 7.0 10.4#



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: 24.85 min Scan# 3671

Delta R.T. -0.01 min

Lab File: BG035890.D

Acq: 26 Jul 2018 1:38

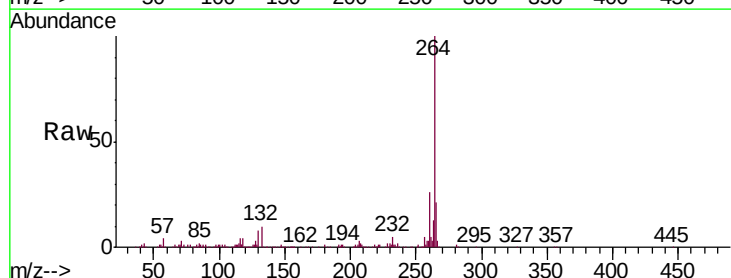
Tgt Ion:264 Resp: 344825

Ion Ratio Lower Upper

264 100

260 26.1 17.4 26.0#

265 21.1 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

