

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072518\
 Data File : BG035886.D
 Acq On : 25 Jul 2018 23:02
 Operator : JU/SJ
 Sample : J4140-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(125-127)

Quant Time: Jul 26 01:41:20 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

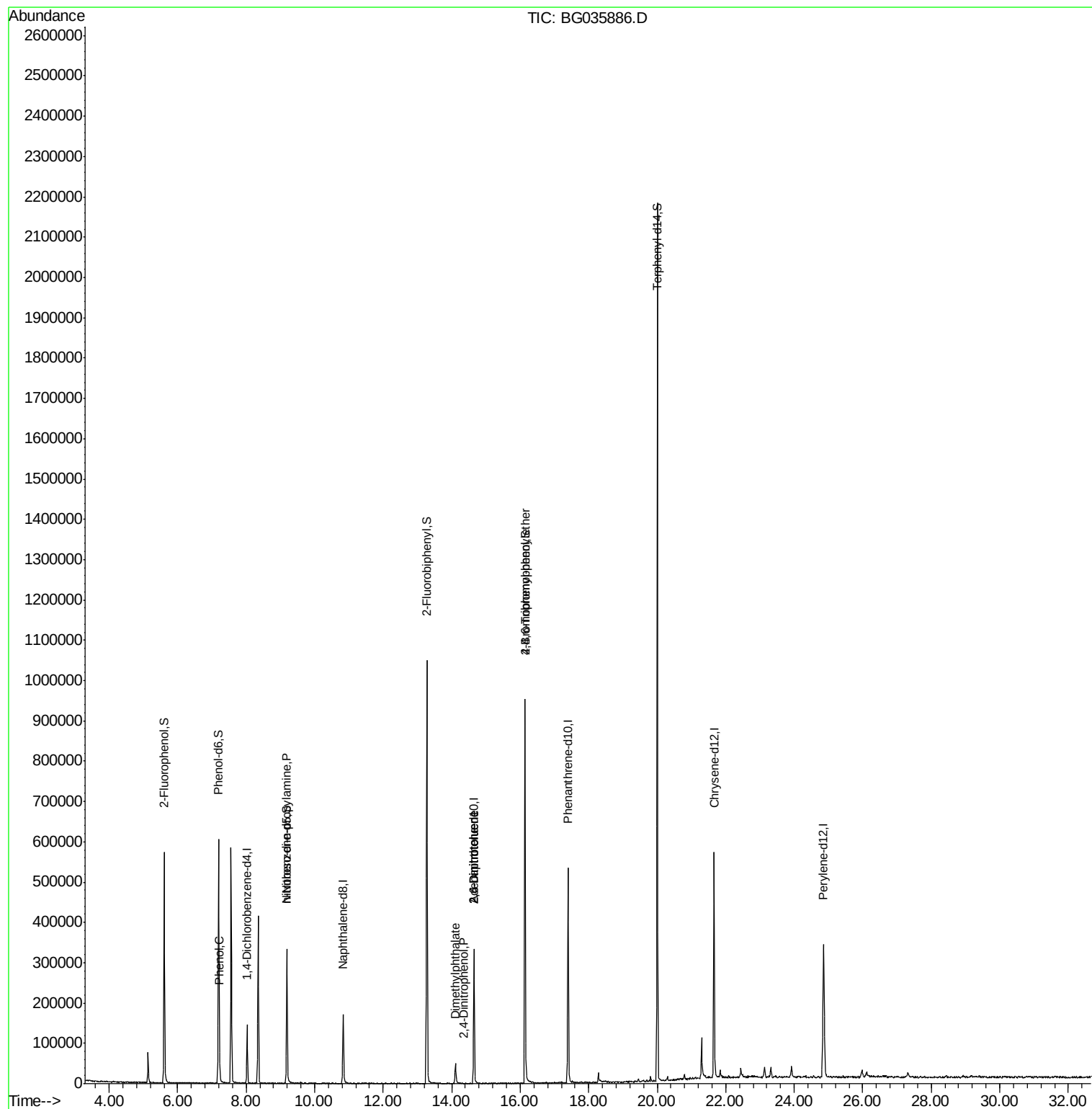
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	39606	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	157347	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	125100	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	353322	20.00	ng	0.00
75) Chrysene-d12	21.65	240	376784	20.00	ng	0.00
86) Perylene-d12	24.86	264	352609	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	252196	105.72	ng	0.00
7) Phenol-d6	7.19	99	373858	105.04	ng	0.00
23) Nitrobenzene-d5	9.19	82	236245	62.72	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	188880	114.55	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	587083	62.87	ng	0.00
78) Terphenyl-d14	20.00	244	1041649	60.94	ng	0.00
Target Compounds						
10) Phenol	7.22	94	14884	4.139	ng	# 72
19) n-Nitroso-di-n-propylamine	9.19	70	32998	11.010	ng	# 70
49) Dimethylphthalate	14.11	163	46835	4.273	ng	# 99
50) 2,6-Dinitrotoluene	14.65	165	15987	7.163	ng	# 18
53) 2,4-Dinitrophenol	14.35	184	55	6.626	ng	# 1
56) 2,4-Dinitrotoluene	14.65	165	15987	4.993	ng	# 16
66) 4-Bromophenyl-phenylether	16.14	248	15387	3.754	ng	# 1

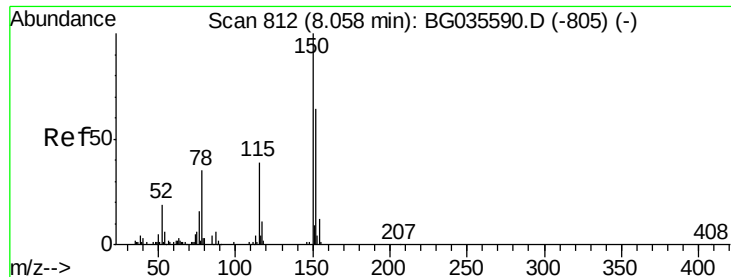
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration



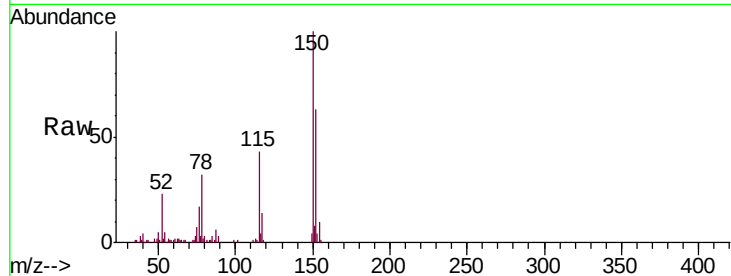


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 806
Delta R.T. 0.00 min
Lab File: BG035886.D
Acq: 25 Jul 2018 23:02

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(125-127)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	158.5	126.6	189.8
115	68.3	53.0	79.4

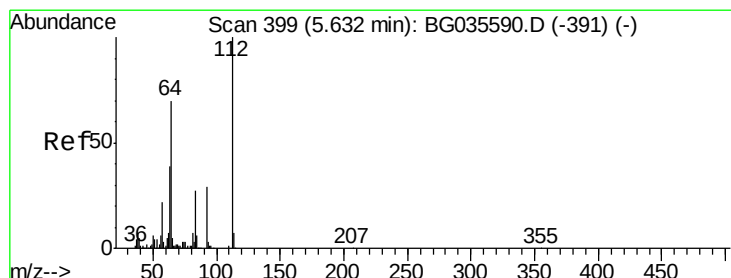
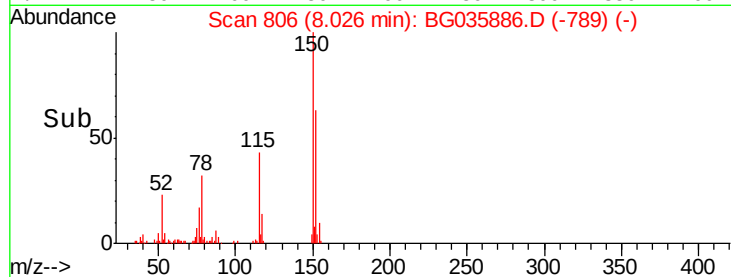
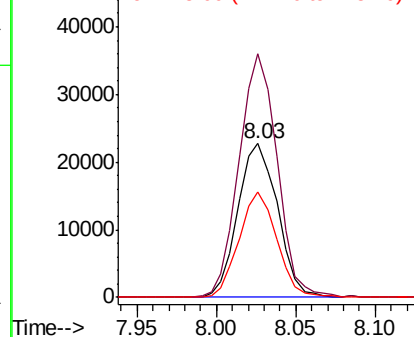


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

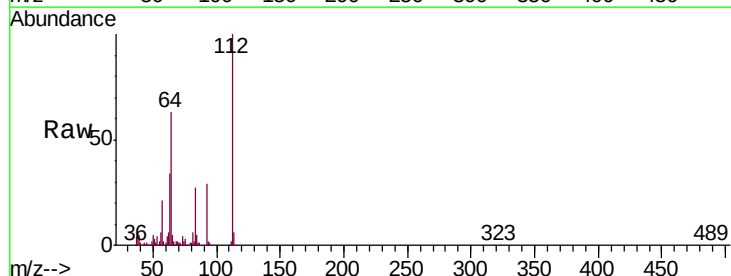
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 105.717 ng
RT: 5.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: BG035886.D
Acq: 25 Jul 2018 23:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.1	56.3	84.5
63	34.4	30.1	45.1

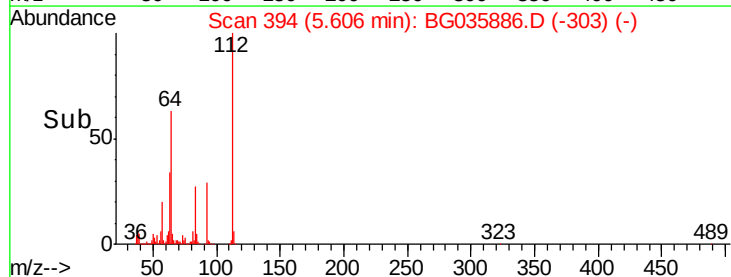
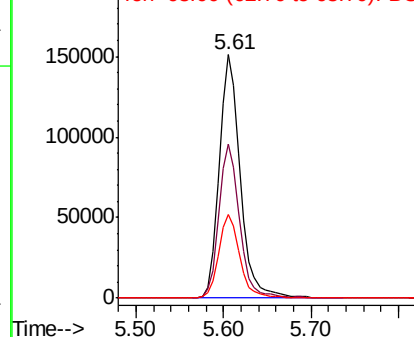


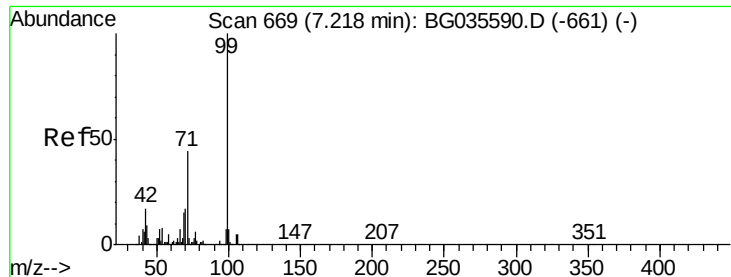
Abundance

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: 105.039 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG035886.D

Acq: 25 Jul 2018 23:02

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(125-127)

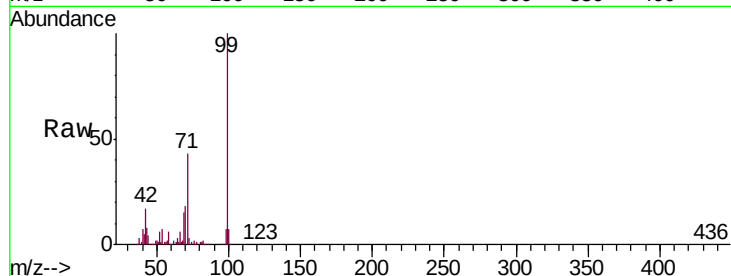
Tgt Ion: 99 Resp: 373858

Ion Ratio Lower Upper

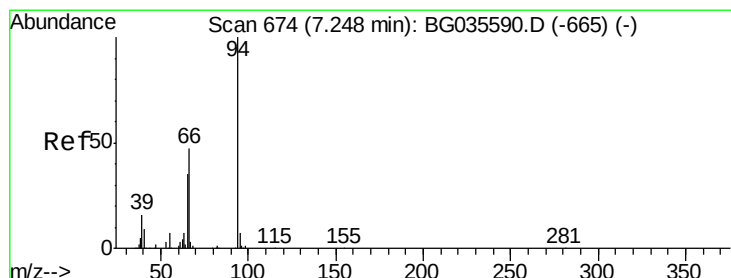
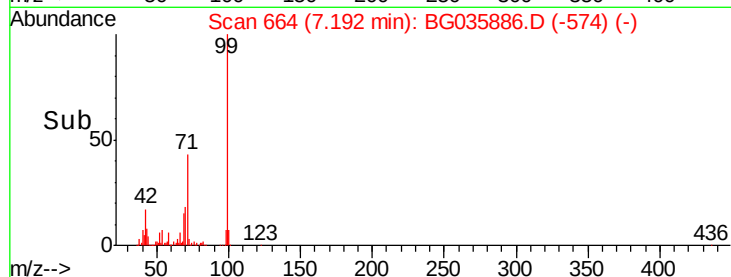
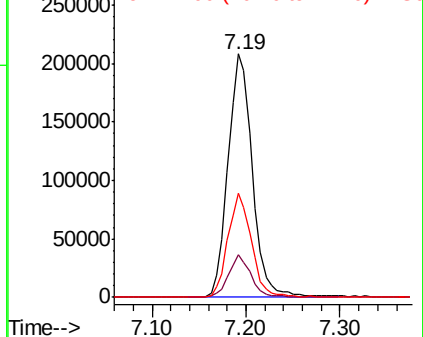
99 100

42 17.4 14.1 21.1

71 42.5 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: 4.139 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035886.D

Acq: 25 Jul 2018 23:02

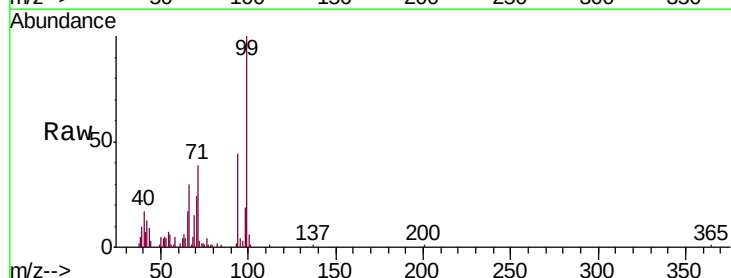
Tgt Ion: 94 Resp: 14884

Ion Ratio Lower Upper

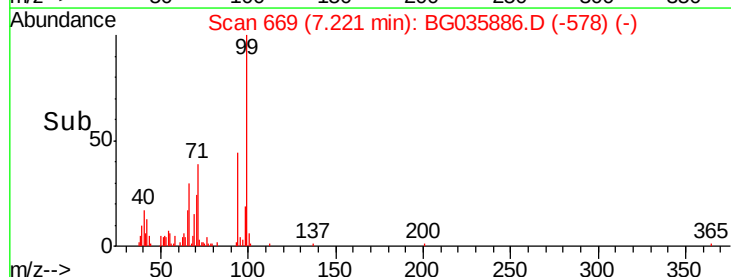
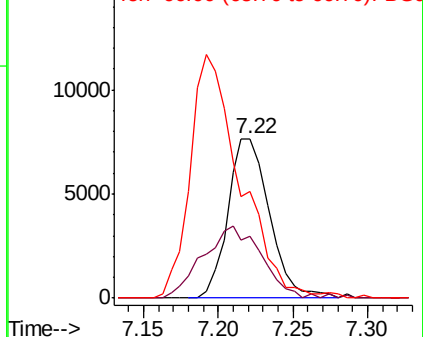
94 100

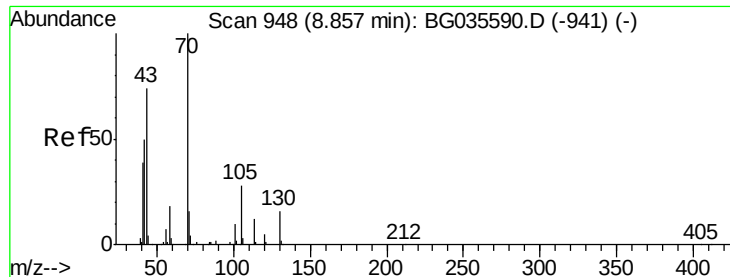
65 38.7 11.9 51.9

66 67.0 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

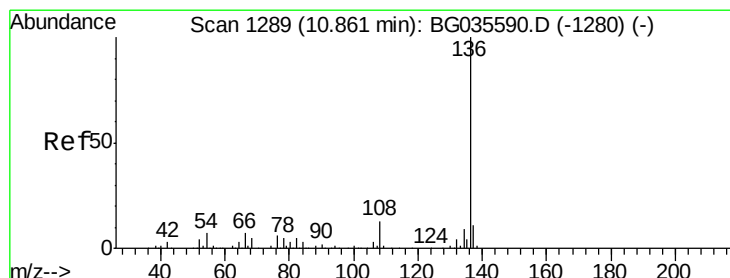
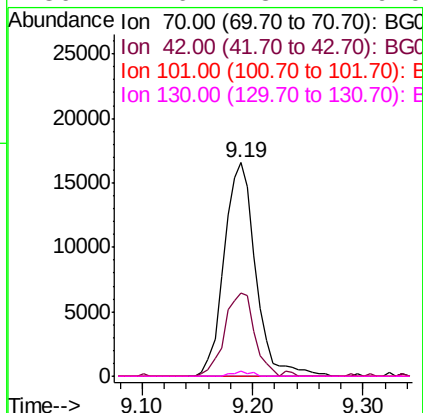
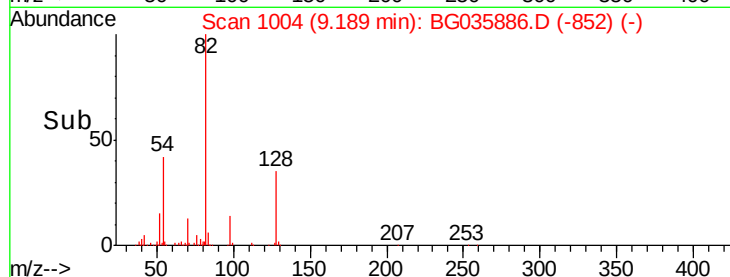
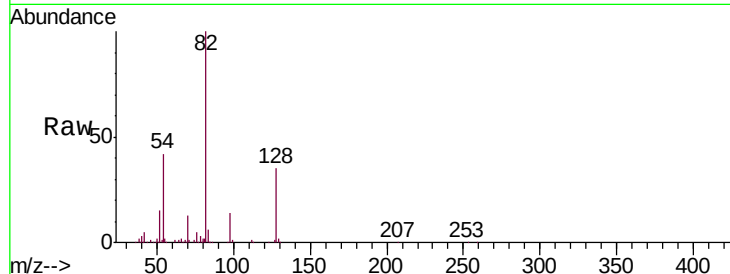




#19
n-Nitroso-di-n-propylamine
Concen: 11.010 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.36 min
Lab File: BG035886.D
Acq: 25 Jul 2018 23:02

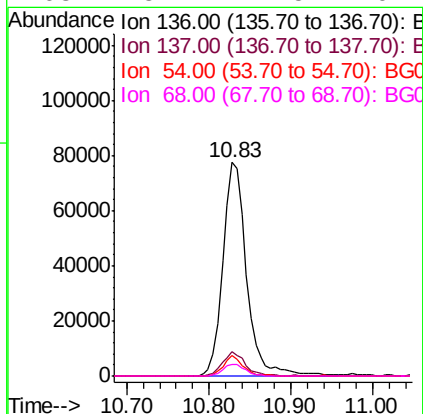
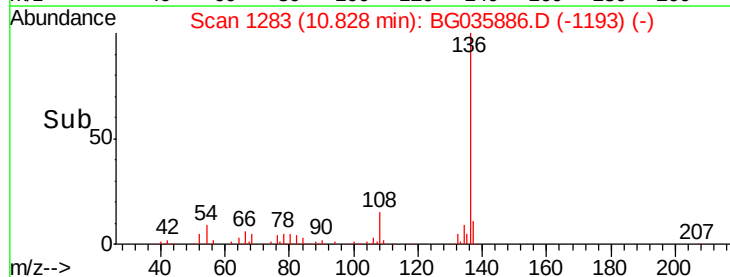
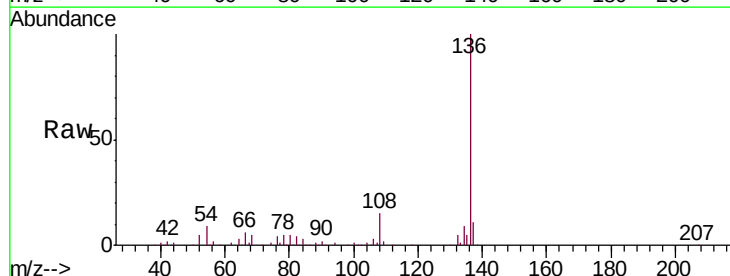
Instrument :
BNA_G
ClientSampleId :
EPE-F-8(125-127)

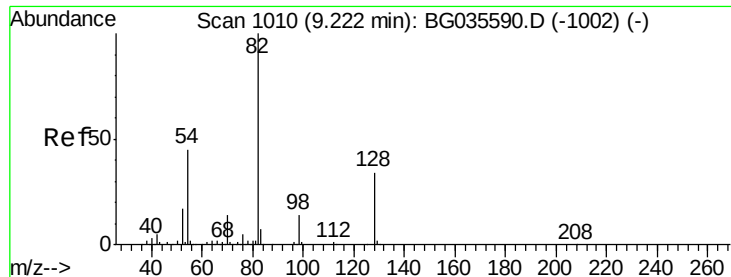
Tgt Ion: 70 Resp: 32998
Ion Ratio Lower Upper
70 100
42 39.0 49.1 73.7#
101 0.0 8.5 12.7#
130 2.6 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG035886.D
Acq: 25 Jul 2018 23:02

Tgt Ion: 136 Resp: 157347
Ion Ratio Lower Upper
136 100
137 11.4 9.2 13.8
54 9.4 10.3 15.5#
68 5.2 4.5 6.7

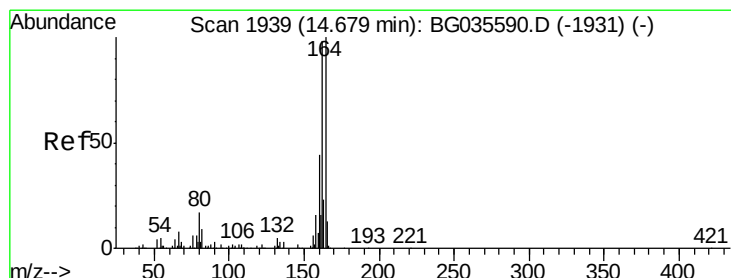
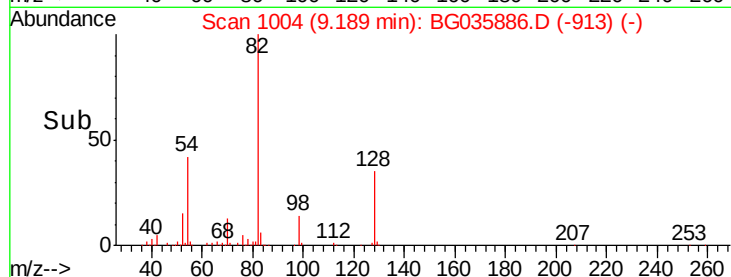
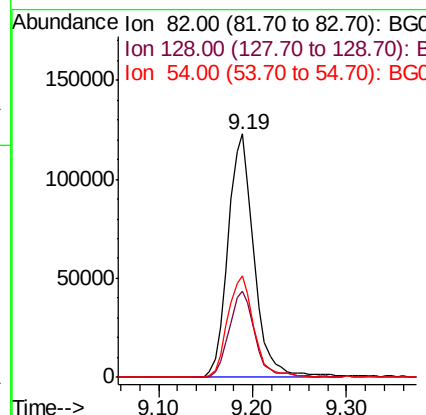
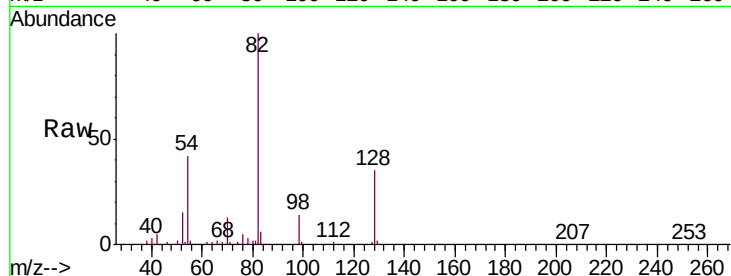




#23
 Nitrobenzene-d5
 Concen: 62.722 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BG035886.D
 Acq: 25 Jul 2018 23:02

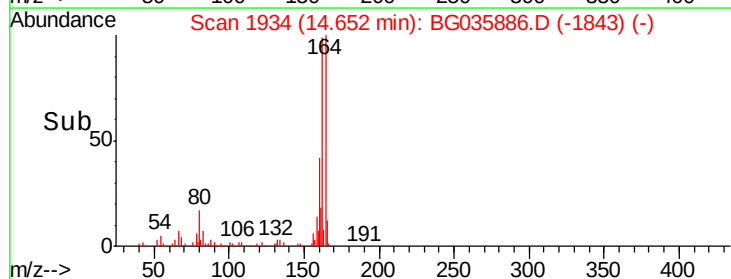
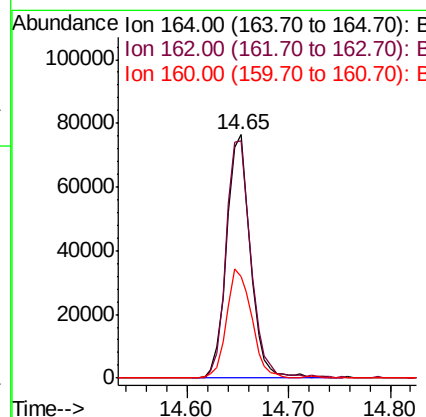
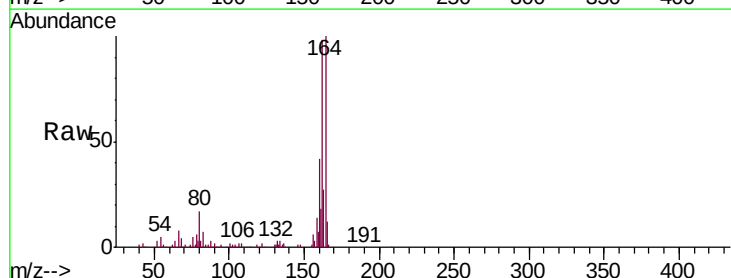
Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(125-127)

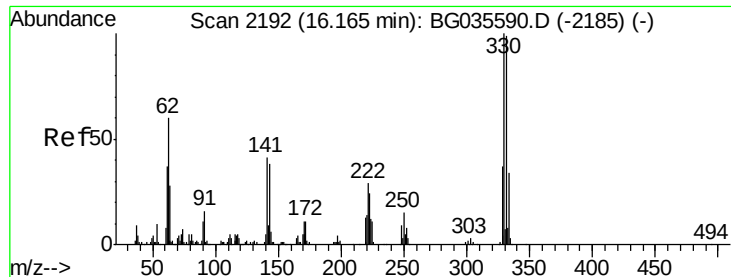
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.3	29.7	44.5
54	41.7	43.1	64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. 0.00 min
 Lab File: BG035886.D
 Acq: 25 Jul 2018 23:02

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.6	78.8	118.2
160	41.5	35.4	53.0

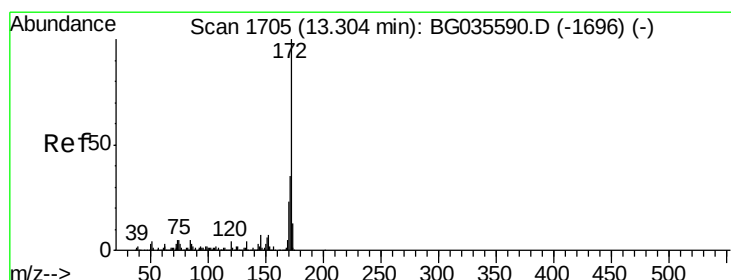
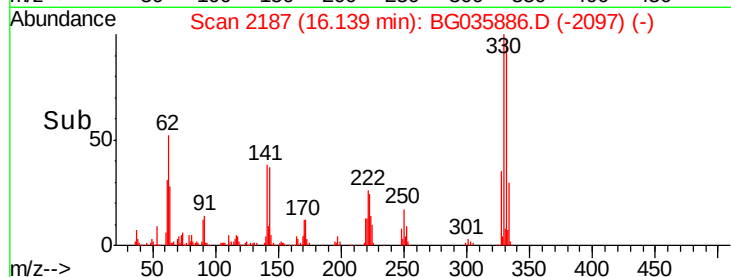
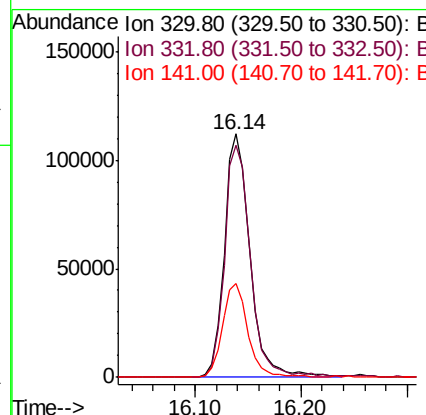
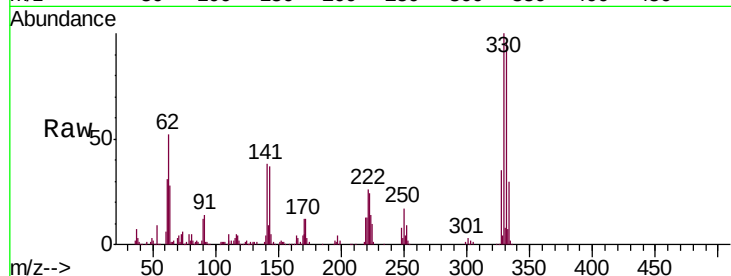




#41
 2,4,6-Tribromophenol
 Concen: 114.549 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG035886.D
 Acq: 25 Jul 2018 23:02

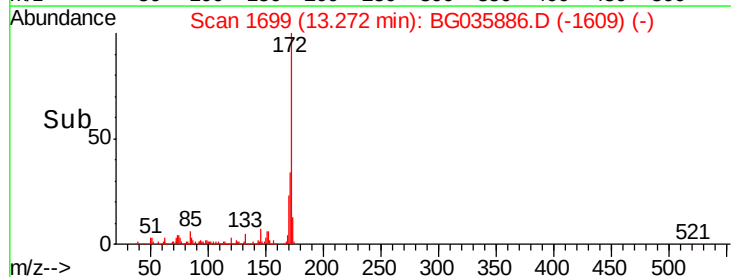
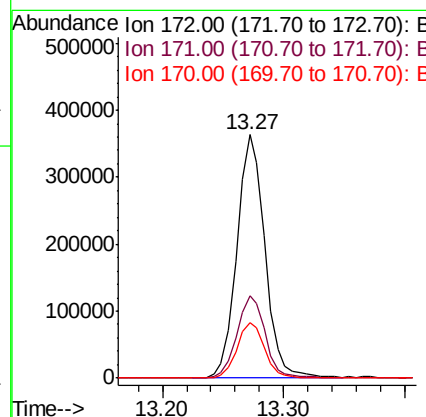
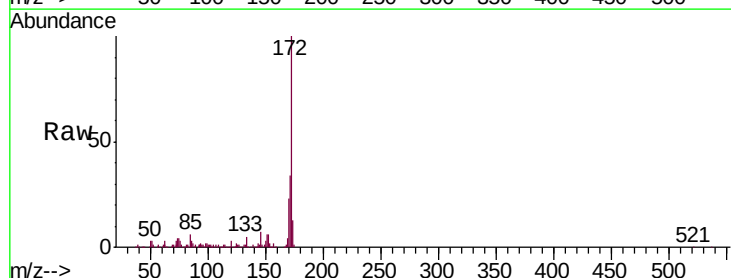
Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(125-127)

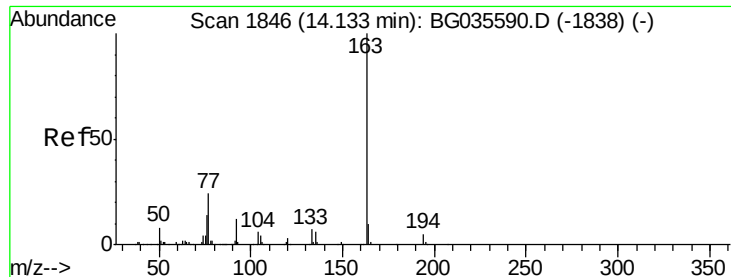
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.0	115.6
141	38.5	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 62.873 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG035886.D
 Acq: 25 Jul 2018 23:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.0	30.0	45.0
170	22.9	19.5	29.3

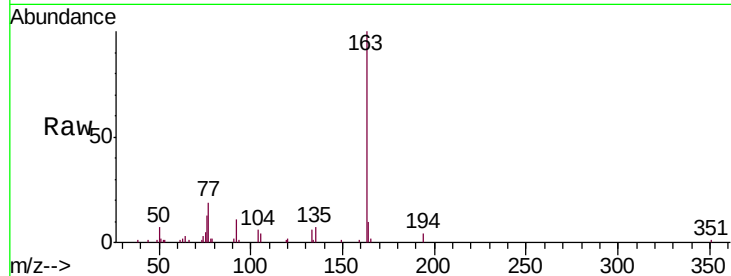




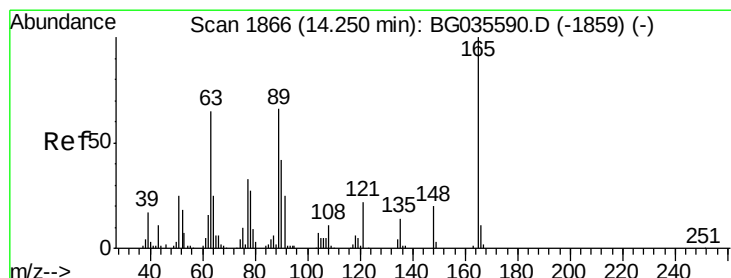
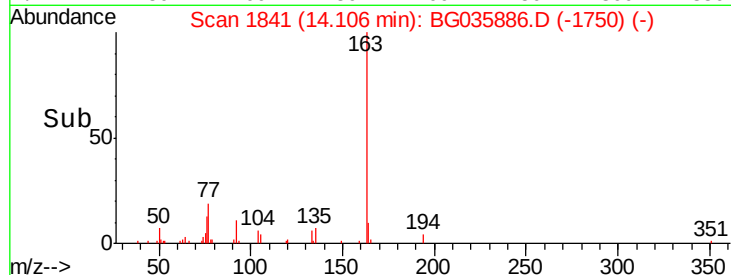
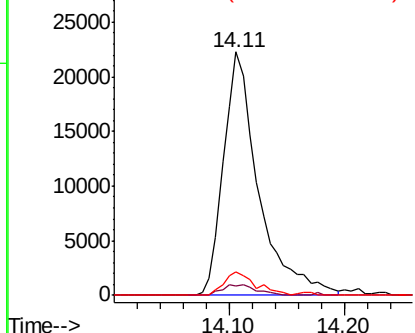
#49
Dimethylphthalate
Concen: 4.273 ng
RT: 14.11 min Scan# 1841
Delta R.T. 0.00 min
Lab File: BG035886.D
Acq: 25 Jul 2018 23:02

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(125-127)

Tgt Ion	Resp	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	9.8	8.2	12.4

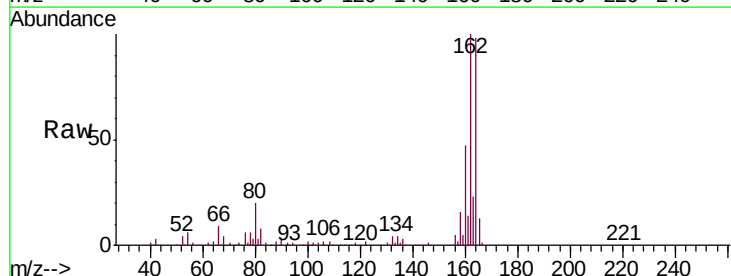


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

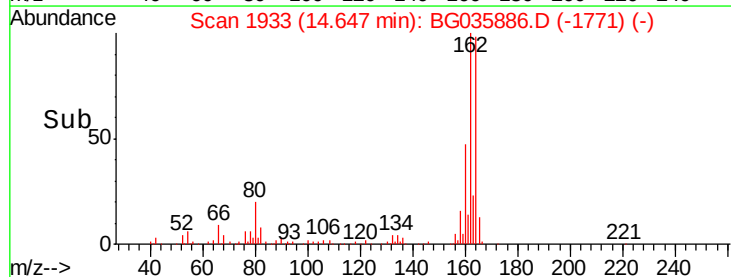
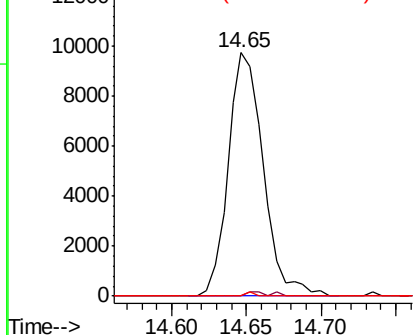


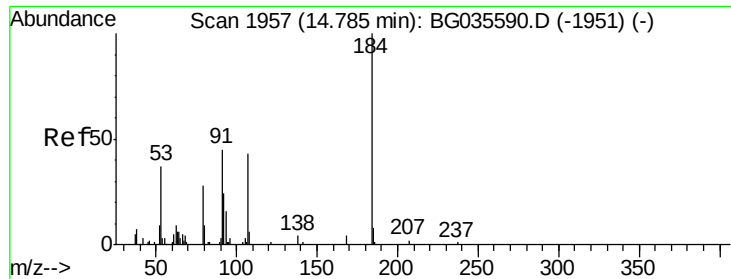
#50
2,6-Dinitrotoluene
Concen: 7.163 ng
RT: 14.65 min Scan# 1933
Delta R.T. 0.42 min
Lab File: BG035886.D
Acq: 25 Jul 2018 23:02

Tgt Ion	Resp	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: 6.626 ng

RT: 14.35 min Scan# 1882

Delta R.T. -0.42 min

Lab File: BG035886.D

Acq: 25 Jul 2018 23:02

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(125-127)

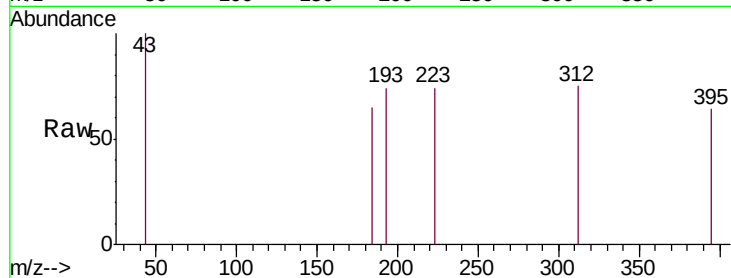
Tgt Ion:184 Resp: 55

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): BG

Ion 154.00 (153.70 to 154.70): E

14.35

150

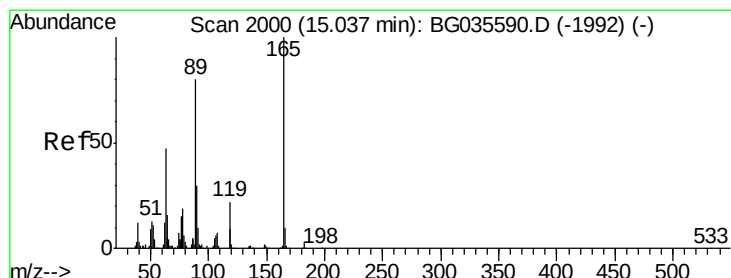
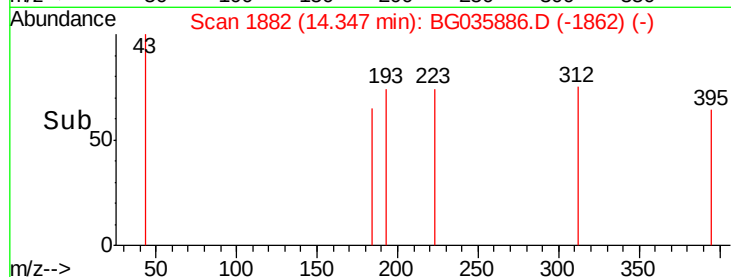
100

50

0

14.34 14.36

Time-->



#56

2,4-Dinitrotoluene

Concen: 4.993 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.37 min

Lab File: BG035886.D

Acq: 25 Jul 2018 23:02

Tgt Ion:165 Resp: 15987

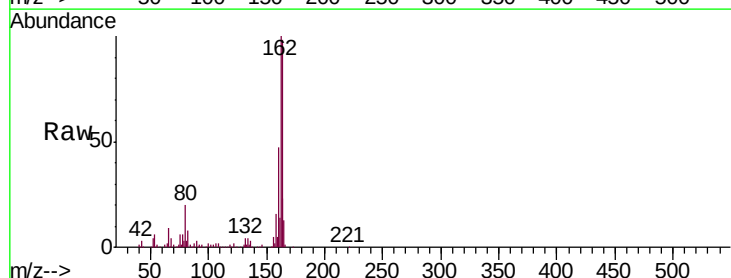
Ion Ratio Lower Upper

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

15000 Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E

14.65

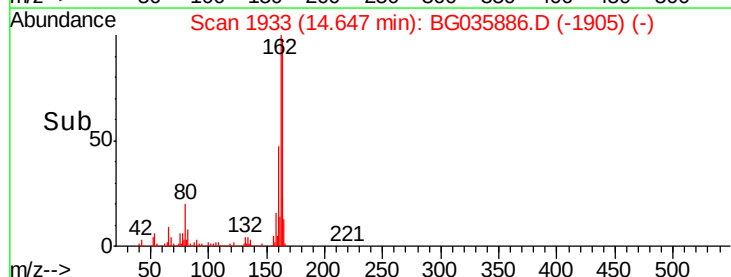
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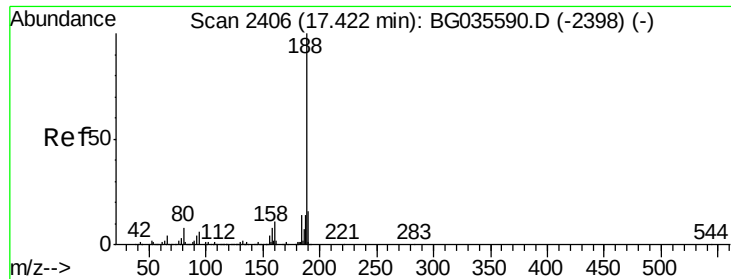
5000

0

14.60 14.65 14.70

Time-->

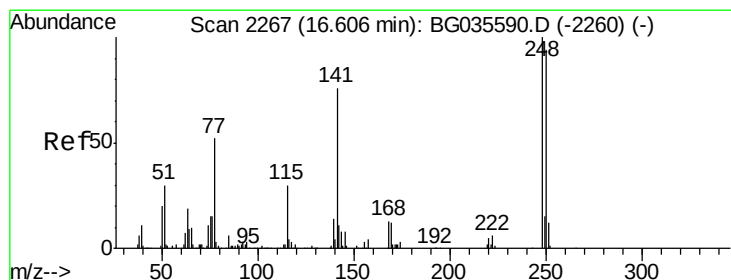
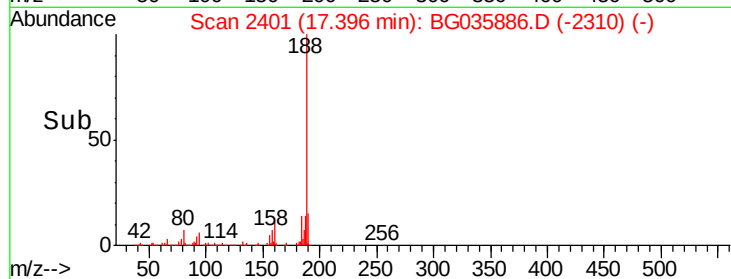
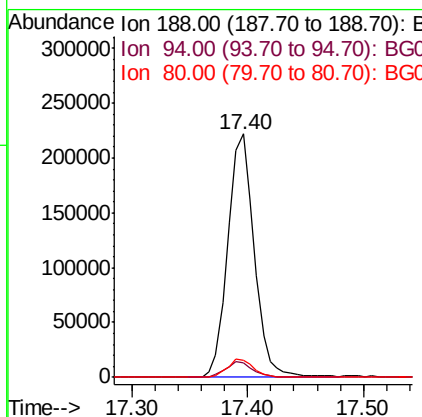
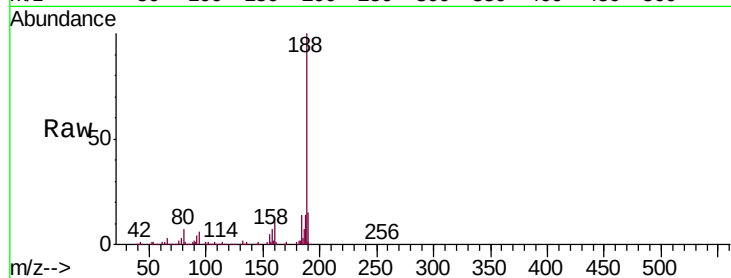




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.40 min Scan# 2401
 Delta R.T. 0.00 min
 Lab File: BG035886.D
 Acq: 25 Jul 2018 23:02

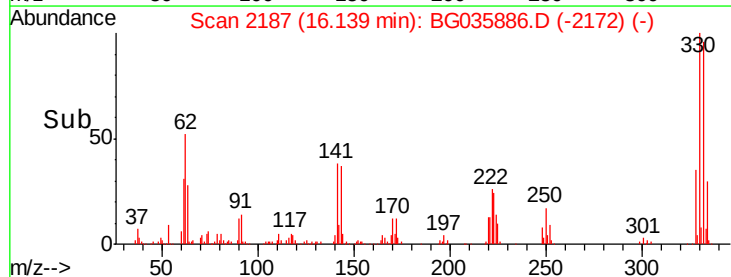
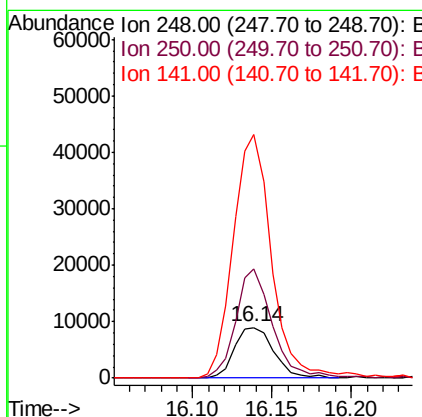
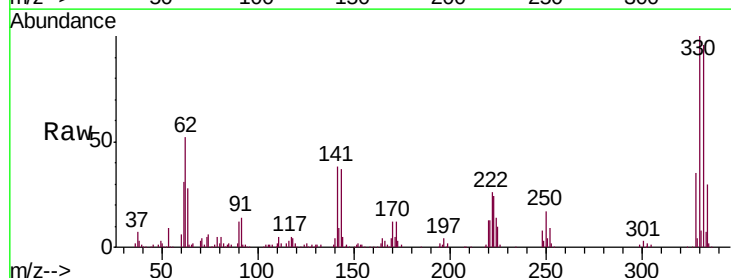
Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(125-127)

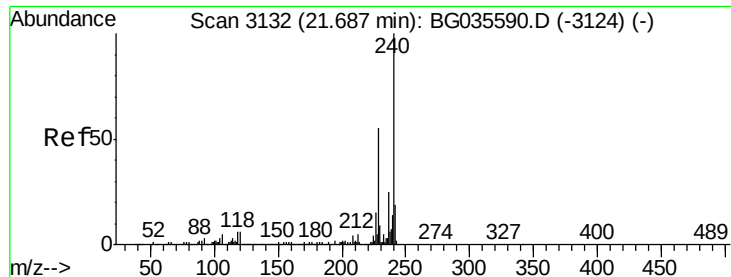
Tgt Ion:188 Resp: 353322
 Ion Ratio Lower Upper
 188 100
 94 5.9 6.9 10.3#
 80 7.2 7.7 11.5#



#66
 4-Bromophenyl-phenylether
 Concen: 3.754 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.44 min
 Lab File: BG035886.D
 Acq: 25 Jul 2018 23:02

Tgt Ion:248 Resp: 15387
 Ion Ratio Lower Upper
 248 100
 250 215.2 77.1 115.7#
 141 482.5 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3126

Delta R.T. -0.00 min

Lab File: BG035886.D

Acq: 25 Jul 2018 23:02

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(125-127)

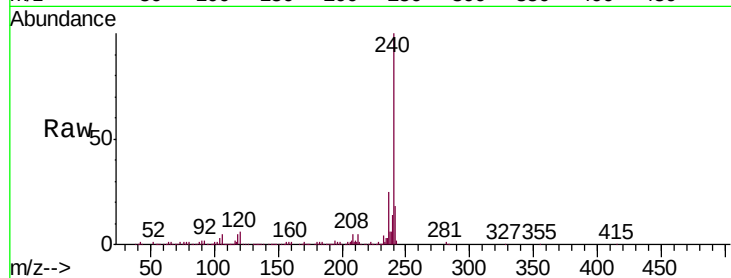
Tgt Ion:240 Resp: 376784

Ion Ratio Lower Upper

240 100

120 5.6 6.8 10.2#

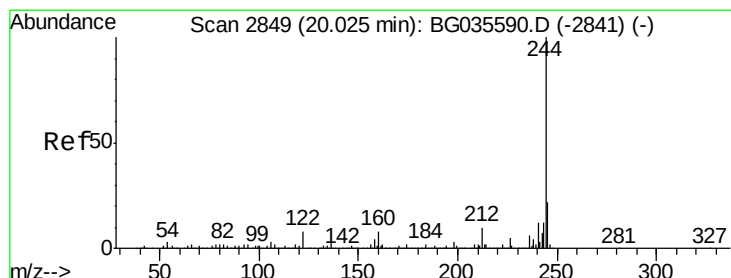
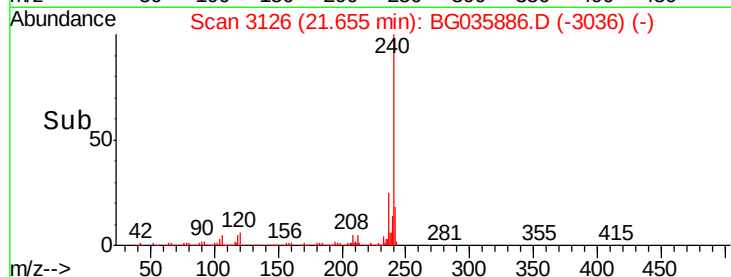
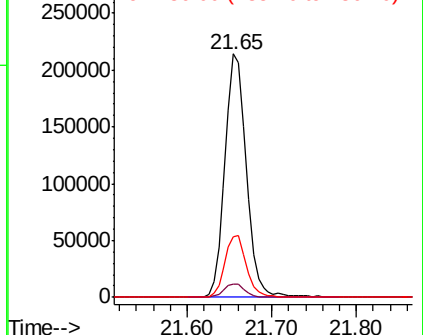
236 24.9 20.9 31.3



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: 60.940 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG035886.D

Acq: 25 Jul 2018 23:02

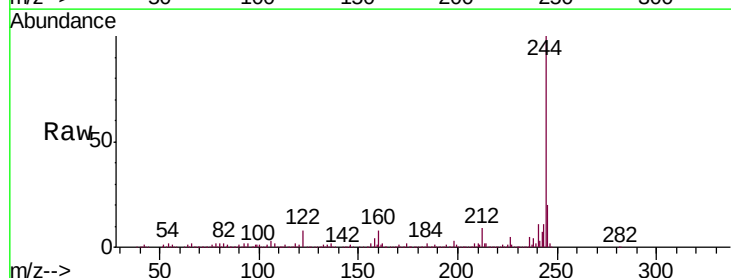
Tgt Ion:244 Resp: 1041649

Ion Ratio Lower Upper

244 100

212 9.5 5.8 8.8#

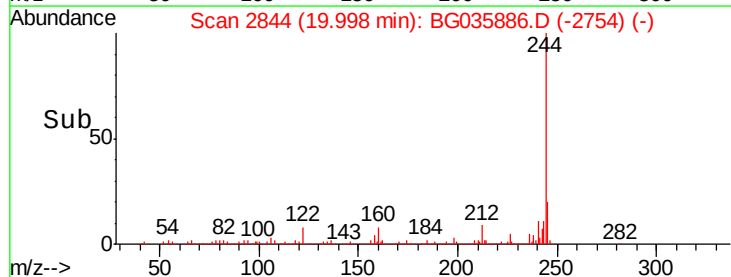
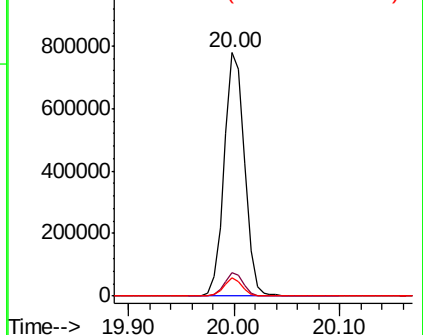
122 7.6 7.0 10.4

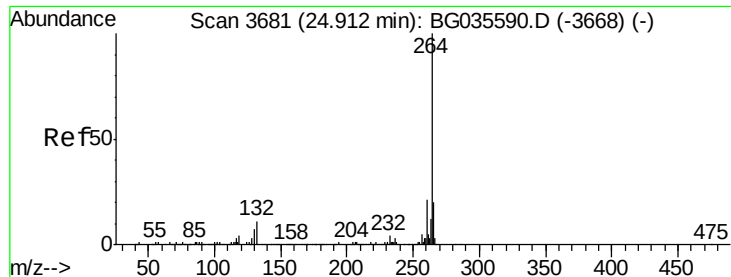


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.86 min Scan# 3671
Delta R.T. -0.00 min
Lab File: BG035886.D
Acq: 25 Jul 2018 23:02

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(125-127)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	17.4	26.0
265	21.8	17.7	26.5

