

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072518\
 Data File : BG035888.D
 Acq On : 26 Jul 2018 00:20
 Operator : JU/SJ
 Sample : J4140-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(135-137)

Quant Time: Jul 26 01:41:43 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

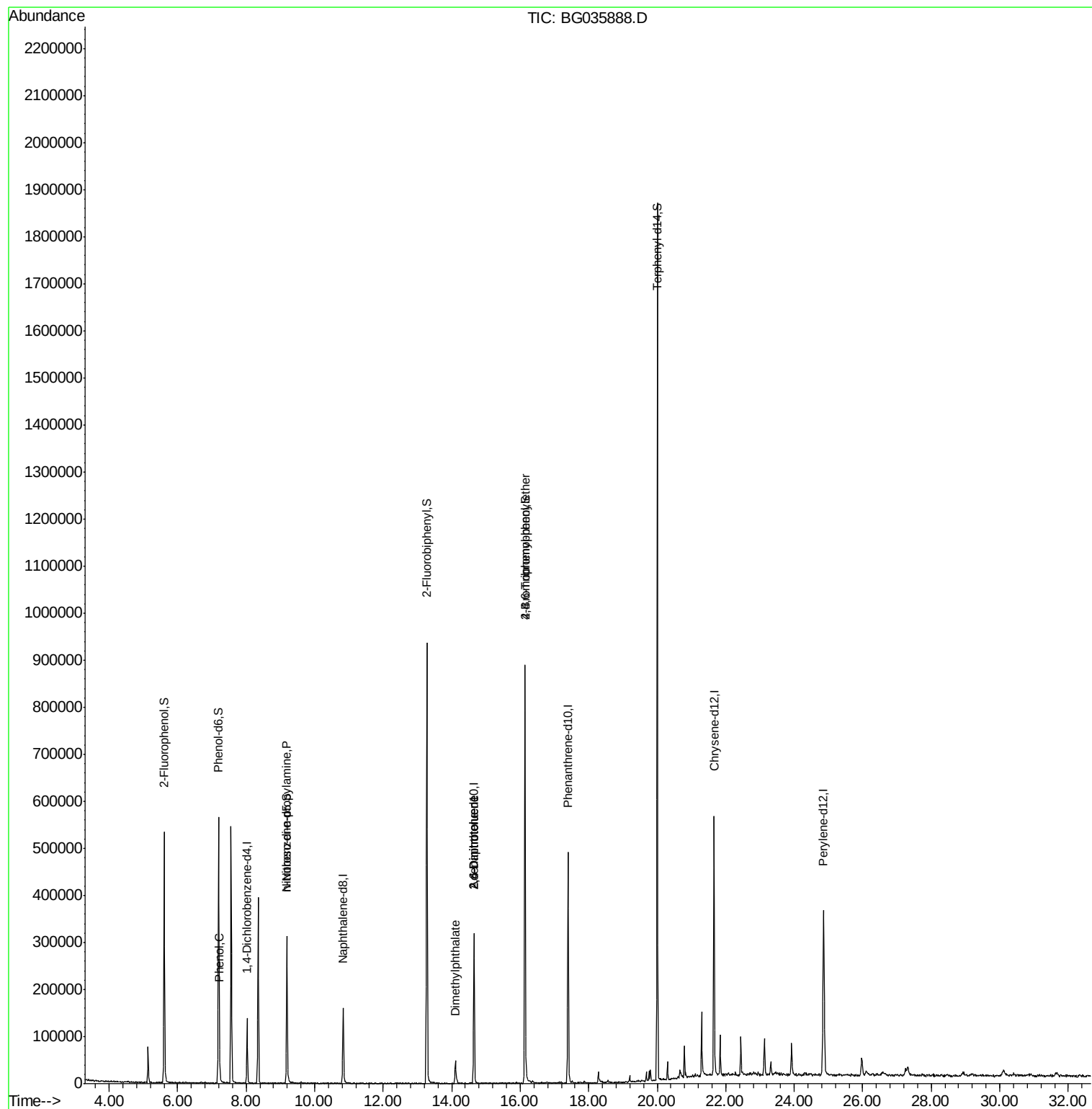
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	37968	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	152467	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	121886	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	343703	20.00	ng	0.00
75) Chrysene-d12	21.65	240	356802	20.00	ng	0.00
86) Perylene-d12	24.86	264	342926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	236076	103.23	ng	0.00
7) Phenol-d6	7.19	99	355886	104.30	ng	0.00
23) Nitrobenzene-d5	9.19	82	226106	61.95	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	172935	107.64	ng	0.00
44) 2-Fluorobiphenyl	13.27	172	542084	59.58	ng	0.00
78) Terphenyl-d14	20.00	244	912015	56.34	ng	0.00
Target Compounds						
10) Phenol	7.22	94	15319	4.444	ng	92
19) n-Nitroso-di-n-propylamine	9.19	70	31444	10.944	ng	# 68
49) Dimethylphthalate	14.11	163	45775	4.286	ng	# 95
50) 2,6-Dinitrotoluene	14.65	165	16933	7.787	ng	# 21
56) 2,4-Dinitrotoluene	14.65	165	16933	5.428	ng	# 18
66) 4-Bromophenyl-phenylether	16.14	248	13930	3.493	ng	# 1

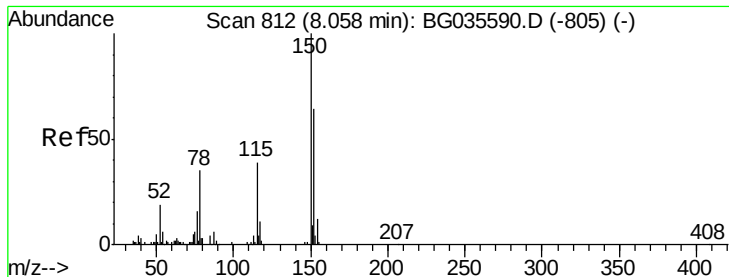
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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



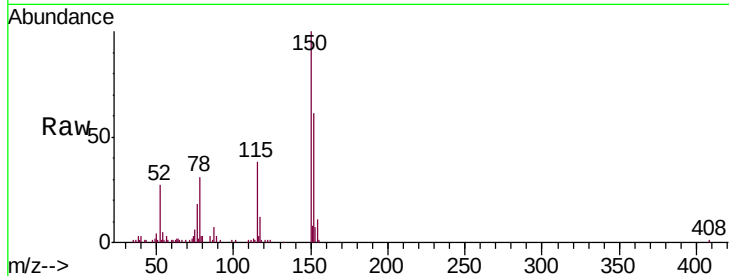


#1

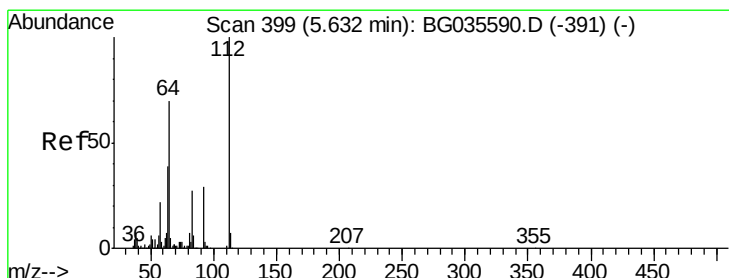
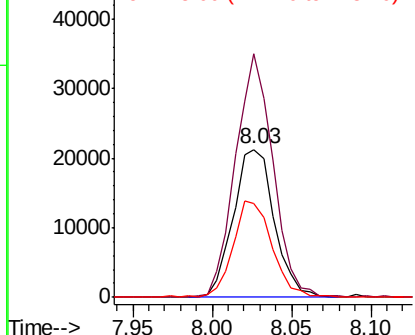
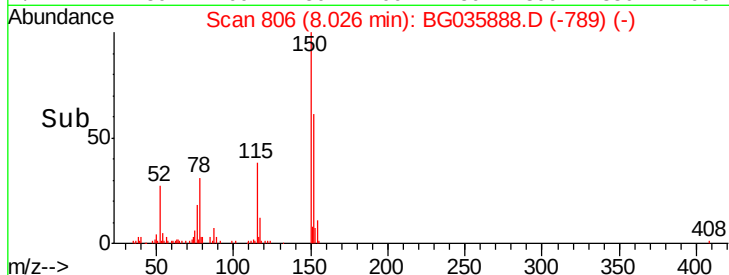
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.03 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BG035888.D
 Acq: 26 Jul 2018 00:20

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(135-137)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	164.7	126.6	189.8
115	63.1	53.0	79.4



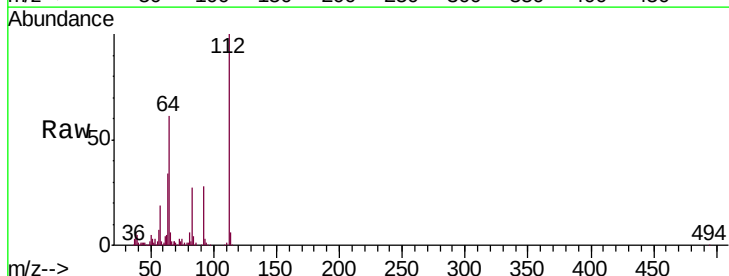
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



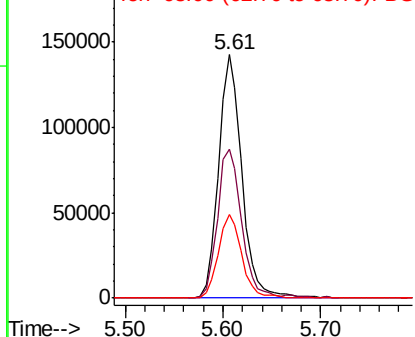
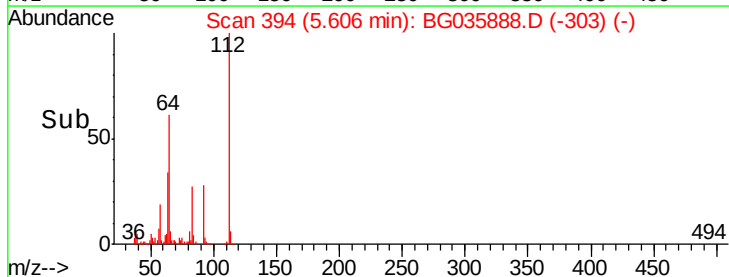
#5

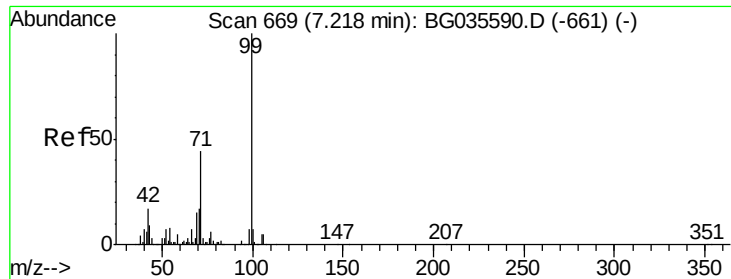
2-Fluorophenol
 Concen: 103.229 ng
 RT: 5.61 min Scan# 394
 Delta R.T. 0.00 min
 Lab File: BG035888.D
 Acq: 26 Jul 2018 00:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	56.3	84.5
63	34.5	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: 104.303 ng

RT: 7.19 min Scan# 664

Delta R.T. -0.00 min

Lab File: BG035888.D

Acq: 26 Jul 2018 00:20

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(135-137)

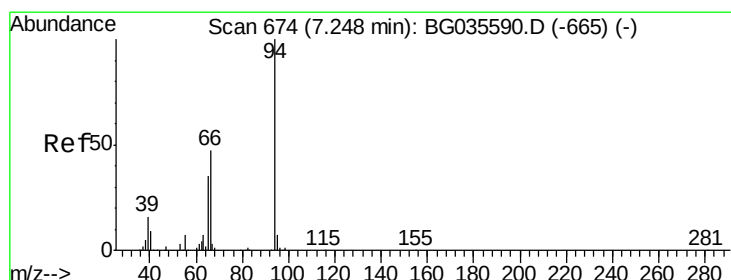
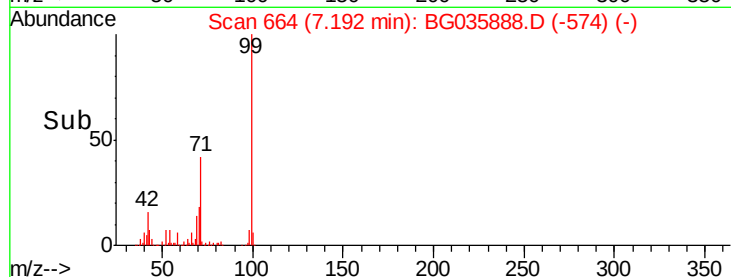
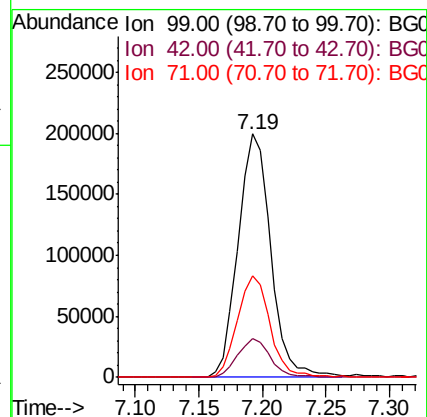
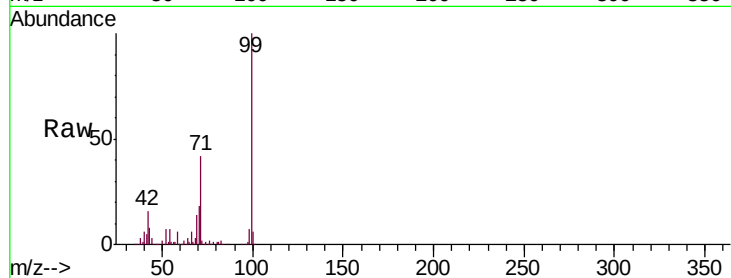
Tgt Ion: 99 Resp: 355886

Ion Ratio Lower Upper

99 100

42 15.9 14.1 21.1

71 41.7 26.1 39.1#



#10

Phenol

Concen: 4.444 ng

RT: 7.22 min Scan# 669

Delta R.T. 0.00 min

Lab File: BG035888.D

Acq: 26 Jul 2018 00:20

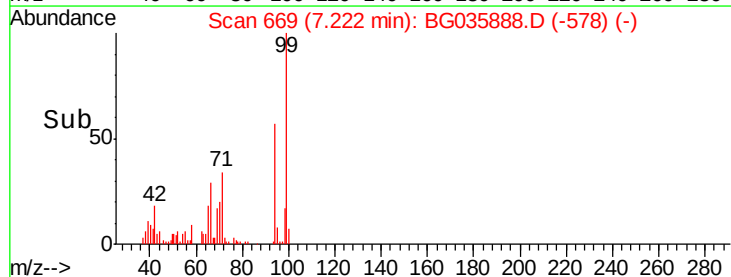
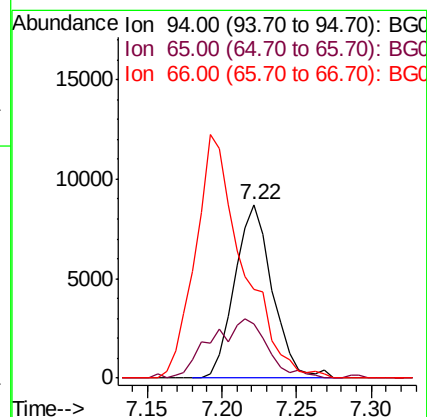
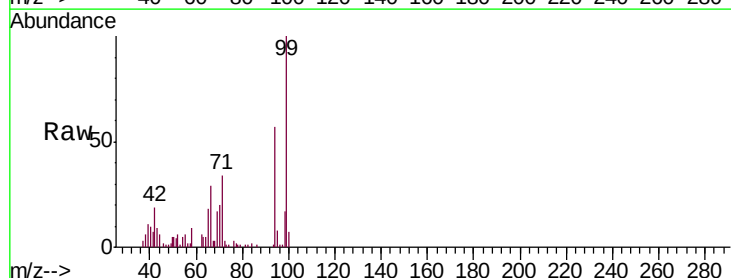
Tgt Ion: 94 Resp: 15319

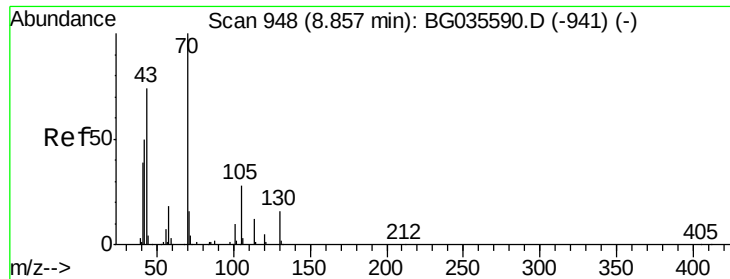
Ion Ratio Lower Upper

94 100

65 31.4 11.9 51.9

66 51.1 22.2 62.2

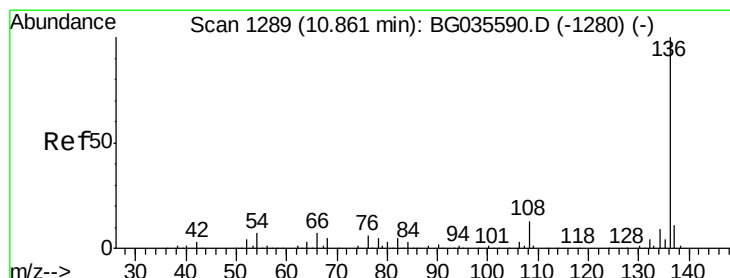
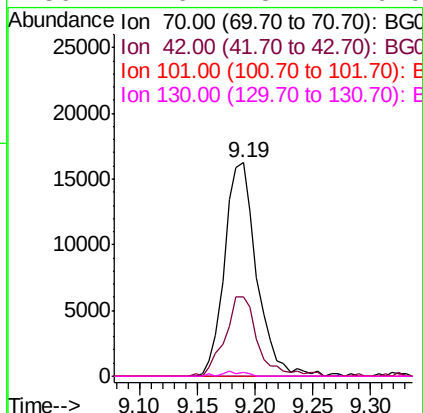
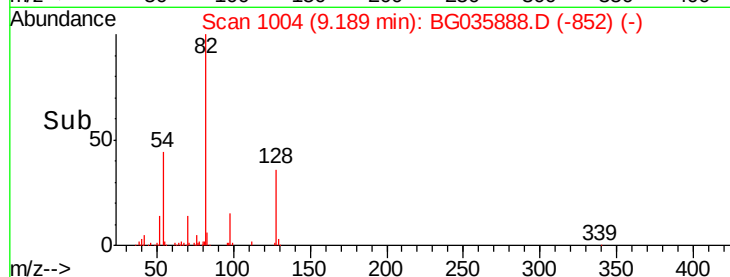
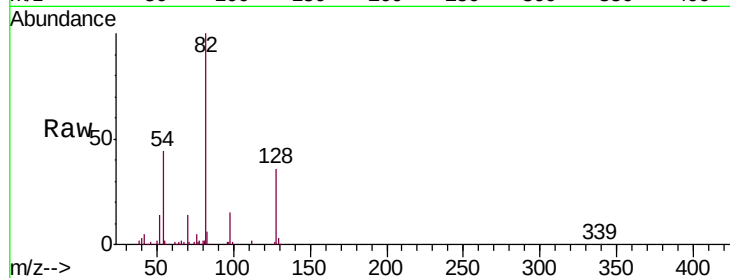




#19
n-Nitroso-di-n-propylamine
Concen: 10.944 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.36 min
Lab File: BG035888.D
Acq: 26 Jul 2018 00:20

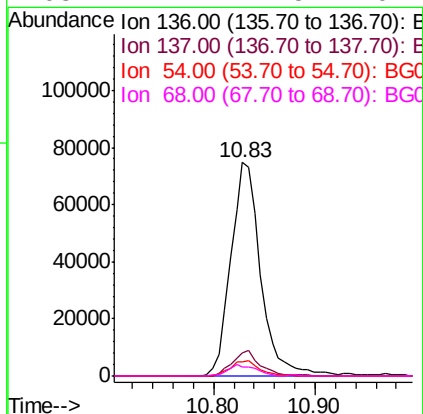
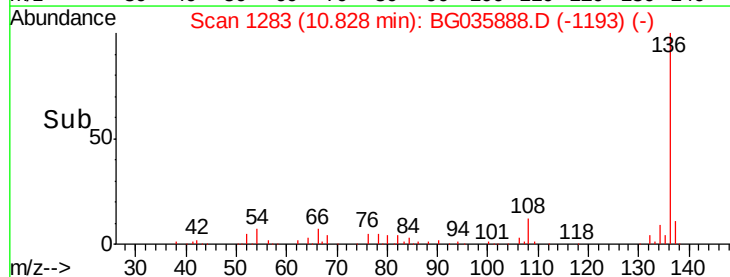
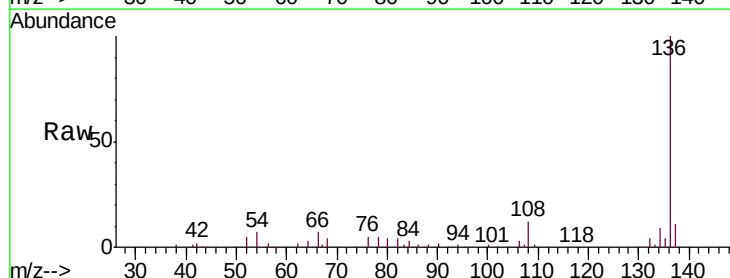
Instrument :
BNA_G
ClientSampleId :
EPE-F-8(135-137)

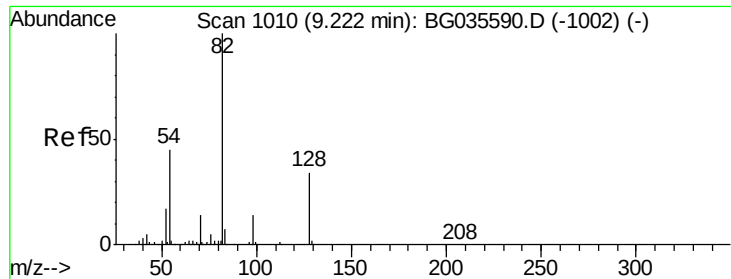
Tgt Ion: 70 Resp: 31444
Ion Ratio Lower Upper
70 100
42 37.4 49.1 73.7#
101 0.0 8.5 12.7#
130 1.6 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1283
Delta R.T. -0.00 min
Lab File: BG035888.D
Acq: 26 Jul 2018 00:20

Tgt Ion: 136 Resp: 152467
Ion Ratio Lower Upper
136 100
137 10.8 9.2 13.8
54 6.6 10.3 15.5#
68 4.4 4.5 6.7#

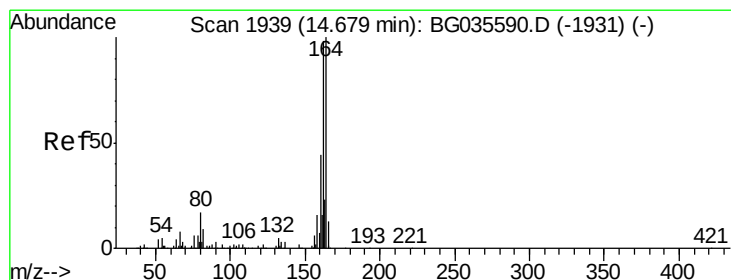
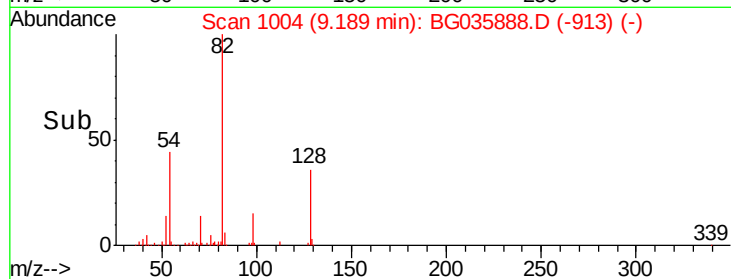
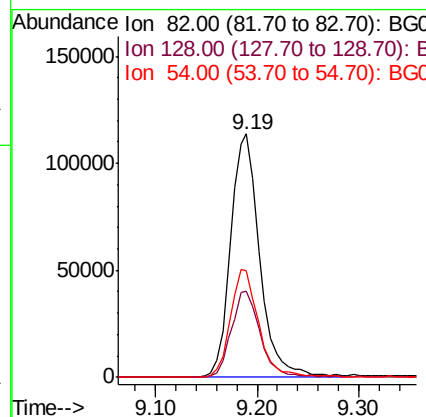
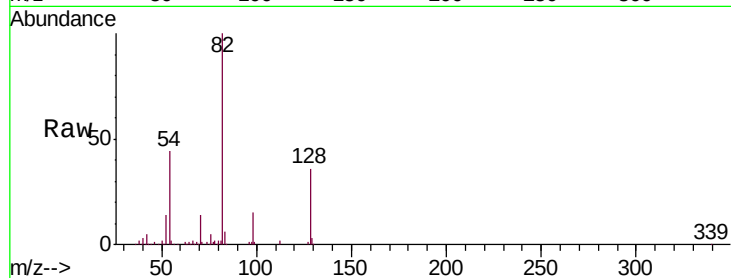




#23
 Nitrobenzene-d5
 Concen: 61.951 ng
 RT: 9.19 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BG035888.D
 Acq: 26 Jul 2018 00:20

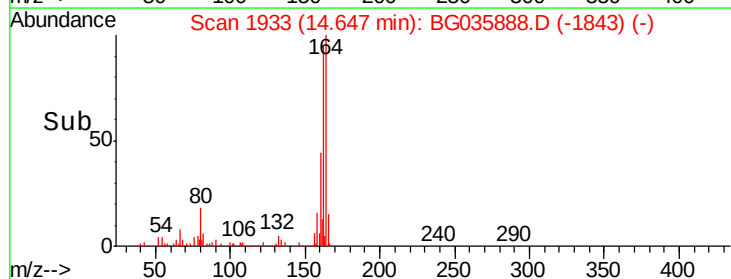
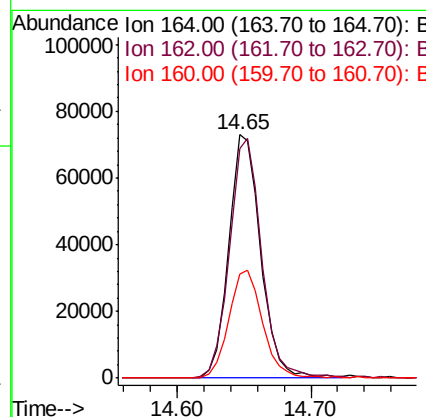
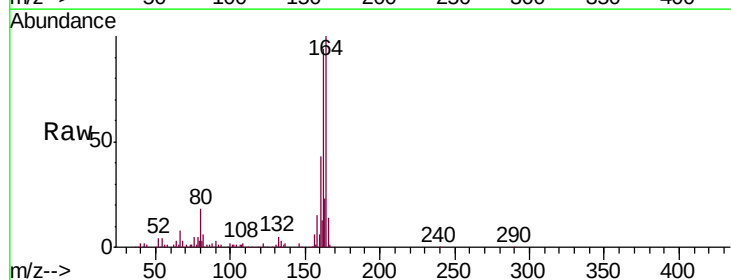
Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(135-137)

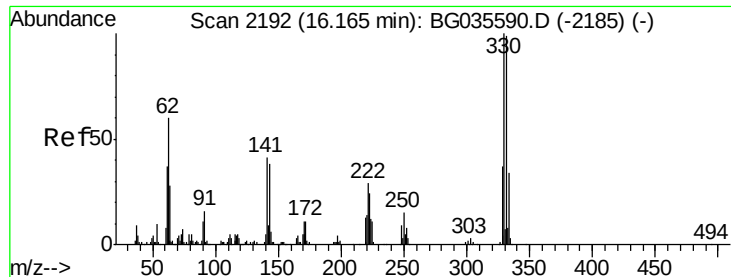
Tgt Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.7	44.5
54	43.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: BG035888.D
 Acq: 26 Jul 2018 00:20

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.1	78.8	118.2
160	42.9	35.4	53.0

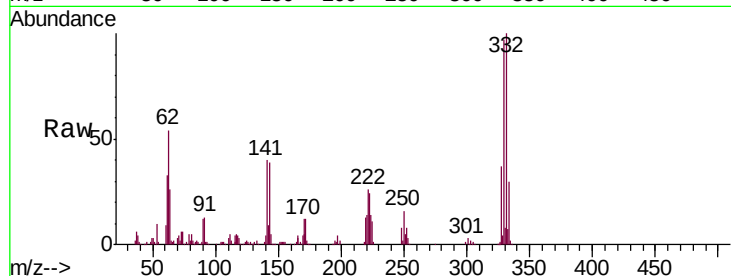




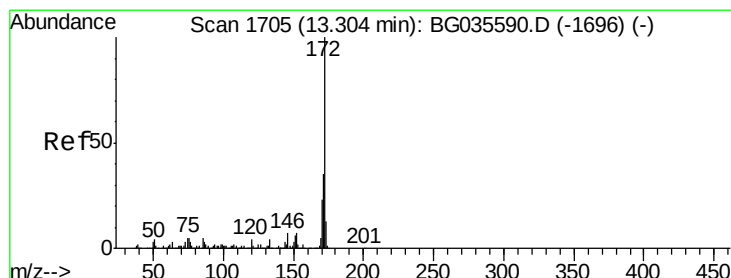
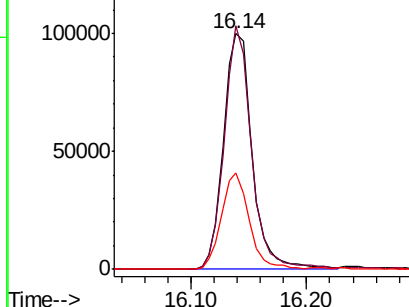
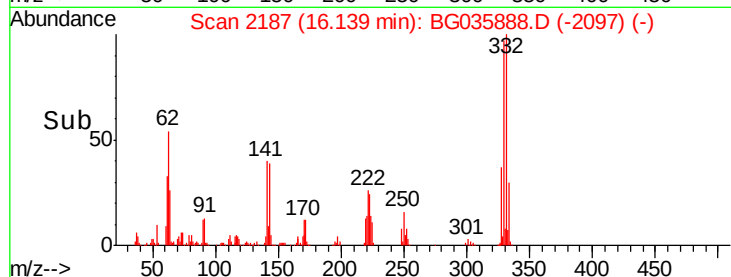
#41
 2,4,6-Tribromophenol
 Concen: 107.645 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.00 min
 Lab File: BG035888.D
 Acq: 26 Jul 2018 00:20

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(135-137)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	39.4	25.2	37.8#

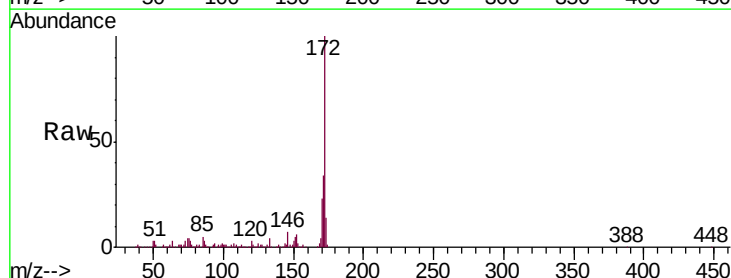


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

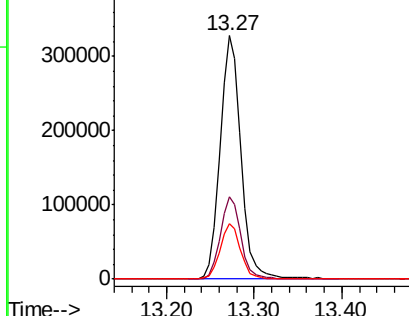
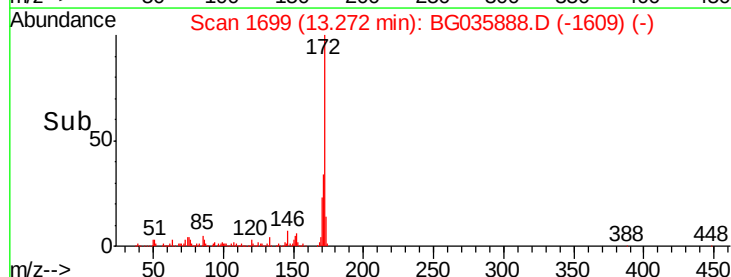


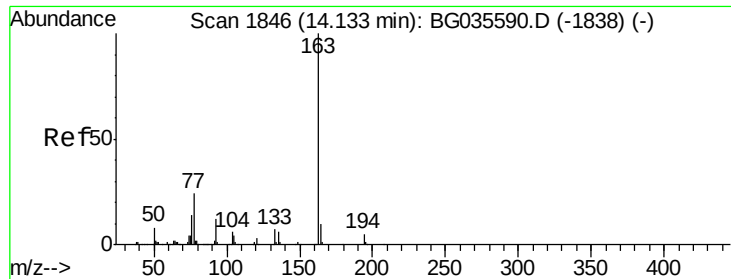
#44
 2-Fluorobiphenyl
 Concen: 59.585 ng
 RT: 13.27 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: BG035888.D
 Acq: 26 Jul 2018 00:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.6	30.0	45.0
170	22.8	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: 4.286 ng

RT: 14.11 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BG035888.D

Acq: 26 Jul 2018 00:20

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(135-137)

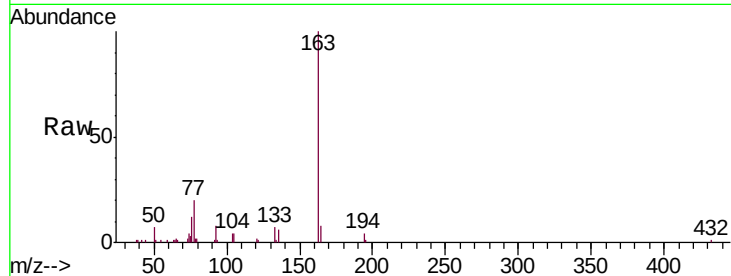
Tgt Ion:163 Resp: 45775

Ion Ratio Lower Upper

163 100

194 4.0 3.4 5.2

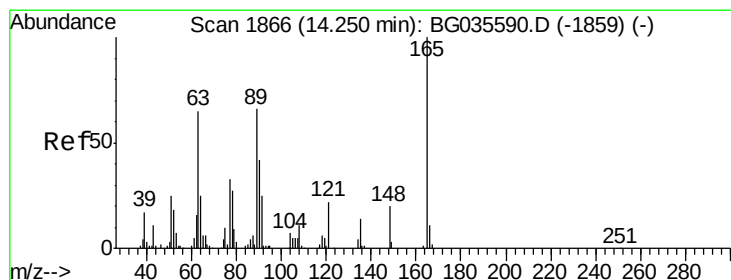
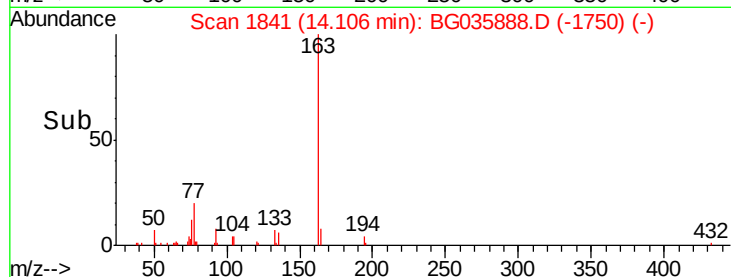
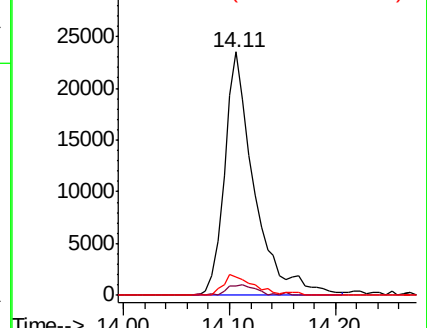
164 7.6 8.2 12.4#



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: 7.787 ng

RT: 14.65 min Scan# 1933

Delta R.T. 0.42 min

Lab File: BG035888.D

Acq: 26 Jul 2018 00:20

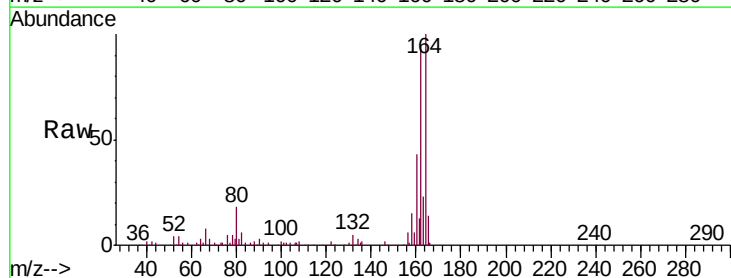
Tgt Ion:165 Resp: 16933

Ion Ratio Lower Upper

165 100

63 1.9 52.7 79.1#

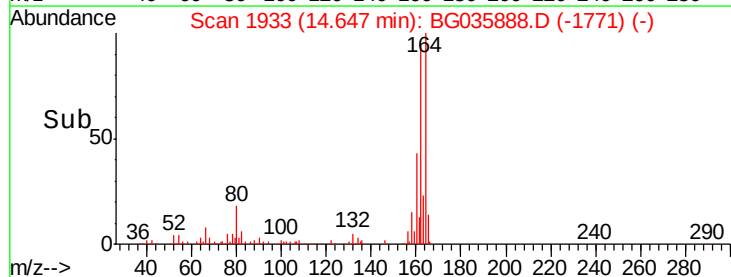
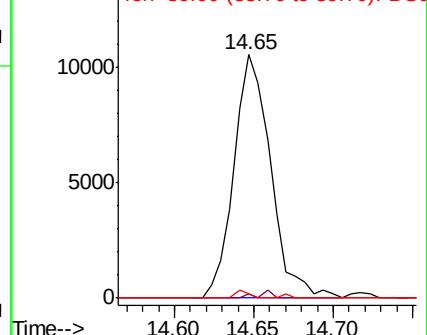
89 1.7 49.2 73.8#

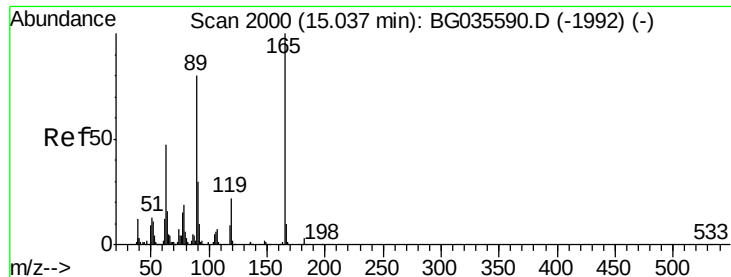


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG





#56

2,4-Dinitrotoluene

Concen: 5.428 ng

RT: 14.65 min Scan# 1933

Delta R.T. -0.37 min

Lab File: BG035888.D

Acq: 26 Jul 2018 00:20

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(135-137)

Tgt Ion:165 Resp: 16933

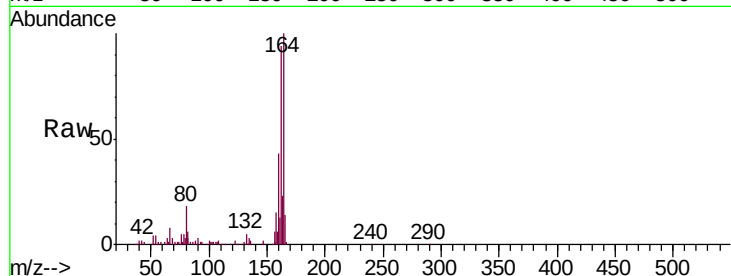
Ion Ratio Lower Upper

165 100

63 1.9 42.0 63.0#

89 1.7 66.9 100.3#

182 0.0 2.6 3.8#

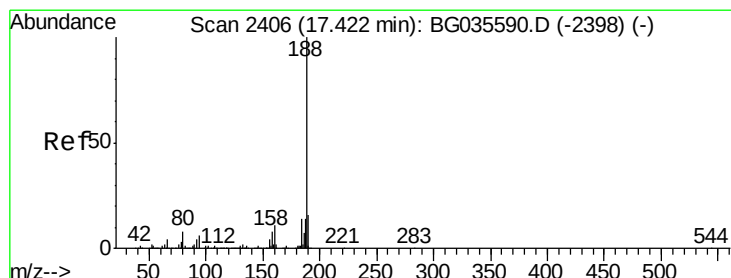
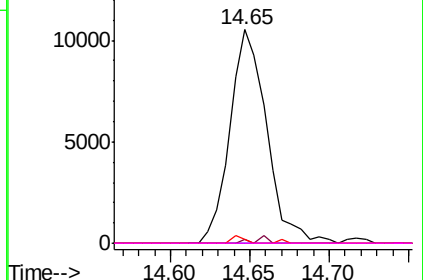
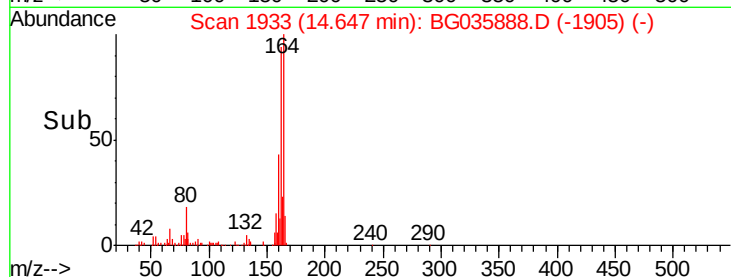


Abundance Ion 165.00 (164.70 to 165.70): E

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: 17.40 min Scan# 2401

Delta R.T. 0.00 min

Lab File: BG035888.D

Acq: 26 Jul 2018 00:20

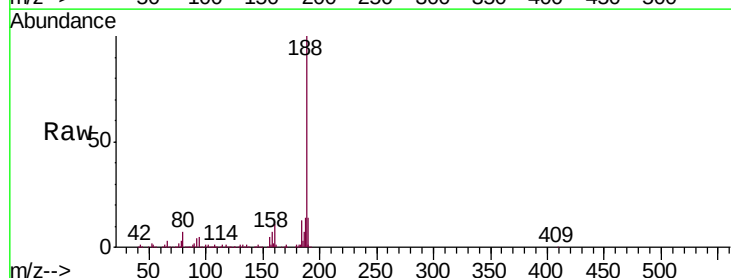
Tgt Ion:188 Resp: 343703

Ion Ratio Lower Upper

188 100

94 5.1 6.9 10.3#

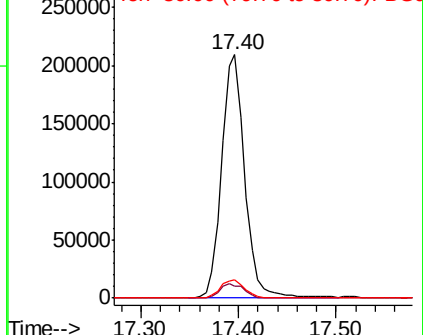
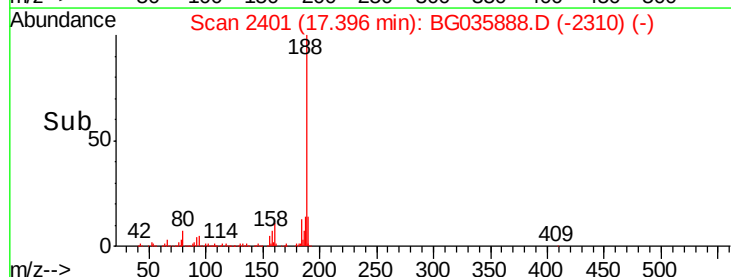
80 7.3 7.7 11.5#

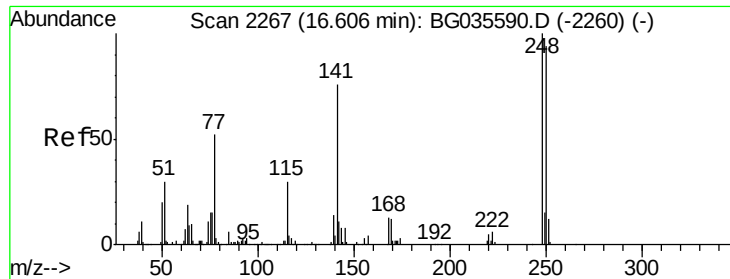


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

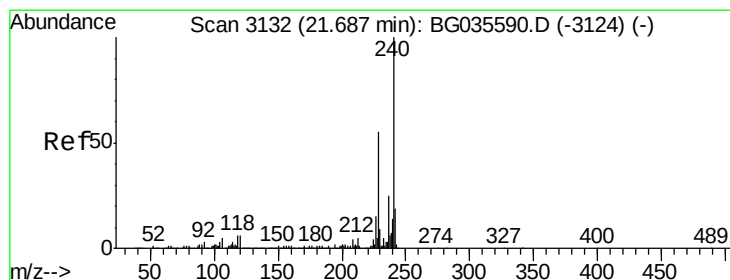
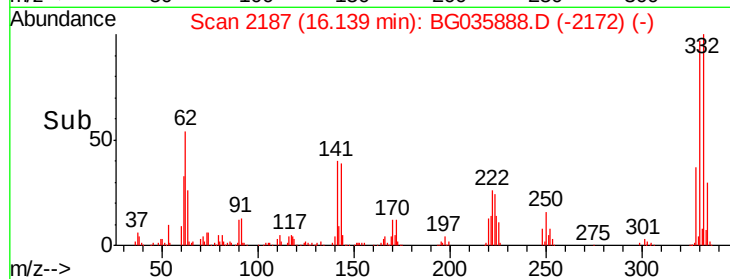
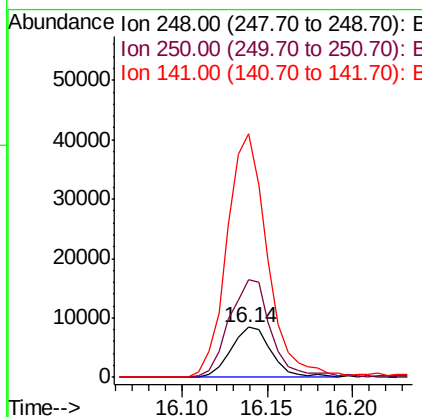
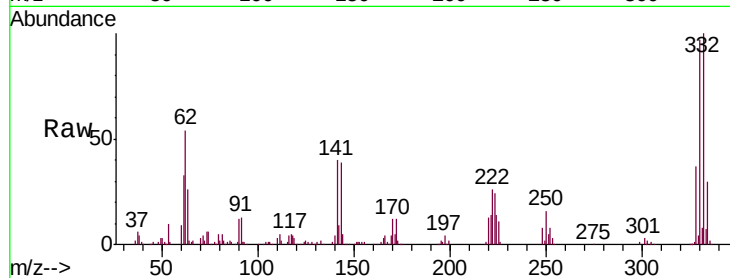




#66
 4-Bromophenyl-phenylether
 Concen: 3.493 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.44 min
 Lab File: BG035888.D
 Acq: 26 Jul 2018 00:20

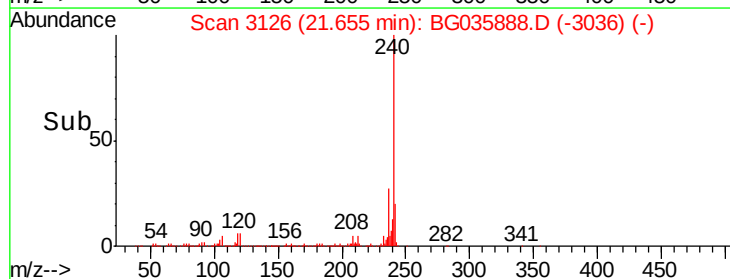
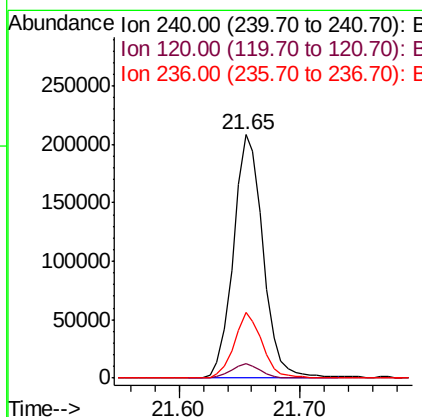
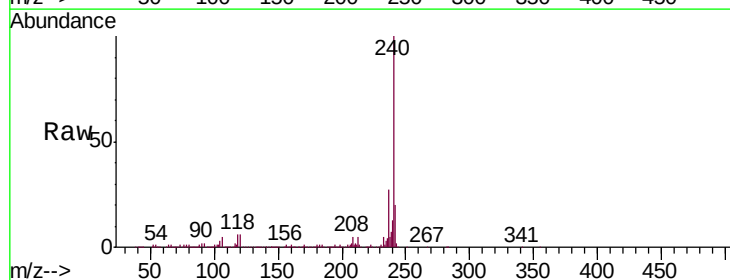
Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(135-137)

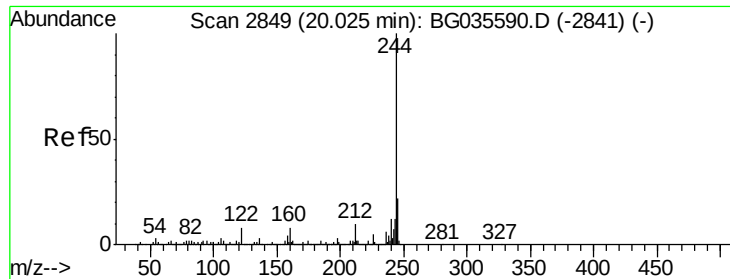
Tgt Ion:248 Resp: 13930
 Ion Ratio Lower Upper
 248 100
 250 194.4 77.1 115.7#
 141 485.8 50.8 76.2#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.65 min Scan# 3126
 Delta R.T. -0.00 min
 Lab File: BG035888.D
 Acq: 26 Jul 2018 00:20

Tgt Ion:240 Resp: 356802
 Ion Ratio Lower Upper
 240 100
 120 6.0 6.8 10.2#
 236 26.8 20.9 31.3





#78

Terphenyl-d14

Concen: 56.344 ng

RT: 20.00 min Scan# 2844

Delta R.T. -0.00 min

Lab File: BG035888.D

Acq: 26 Jul 2018 00:20

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(135-137)

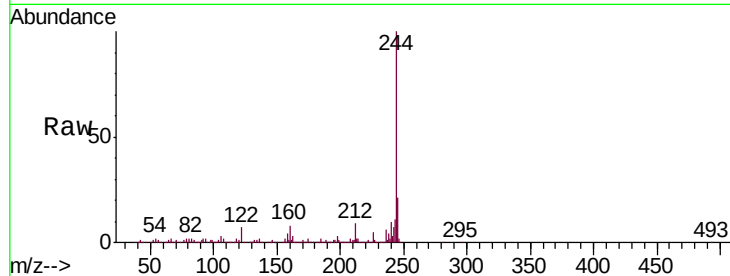
Tgt Ion:244 Resp: 912015

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

122 7.2 7.0 10.4

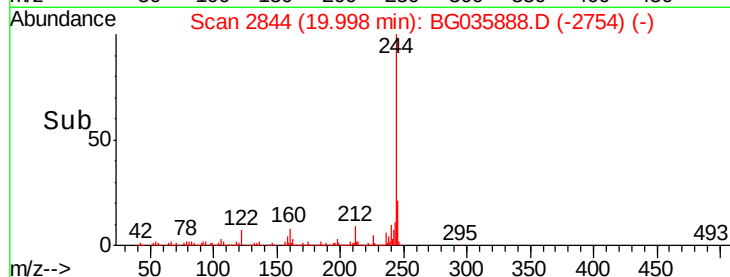


Abundance Ion 244.00 (243.70 to 244.70): E

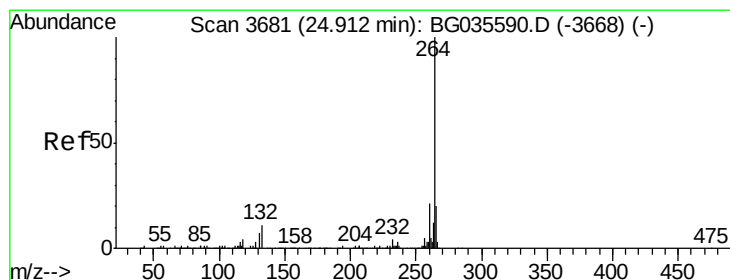
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

20.00



Time--> 19.90 20.00 20.10



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3671

Delta R.T. -0.00 min

Lab File: BG035888.D

Acq: 26 Jul 2018 00:20

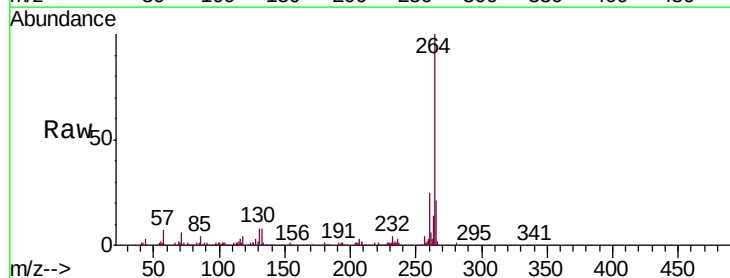
Tgt Ion:264 Resp: 342926

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.0

265 21.0 17.7 26.5

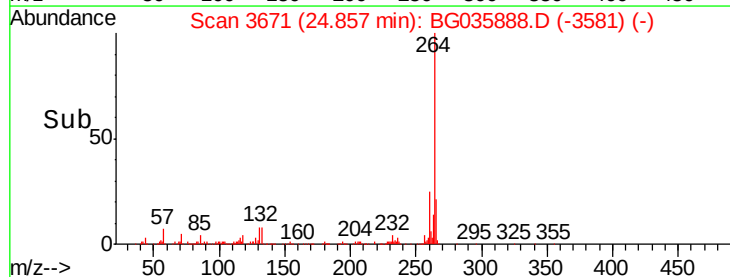


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

24.86



Time--> 24.70 24.80 24.90 25.00