

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072518\
 Data File : BG035884.D
 Acq On : 25 Jul 2018 21:44
 Operator : JU/SJ
 Sample : J4140-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(105-107)

Quant Time: Jul 26 01:40:55 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

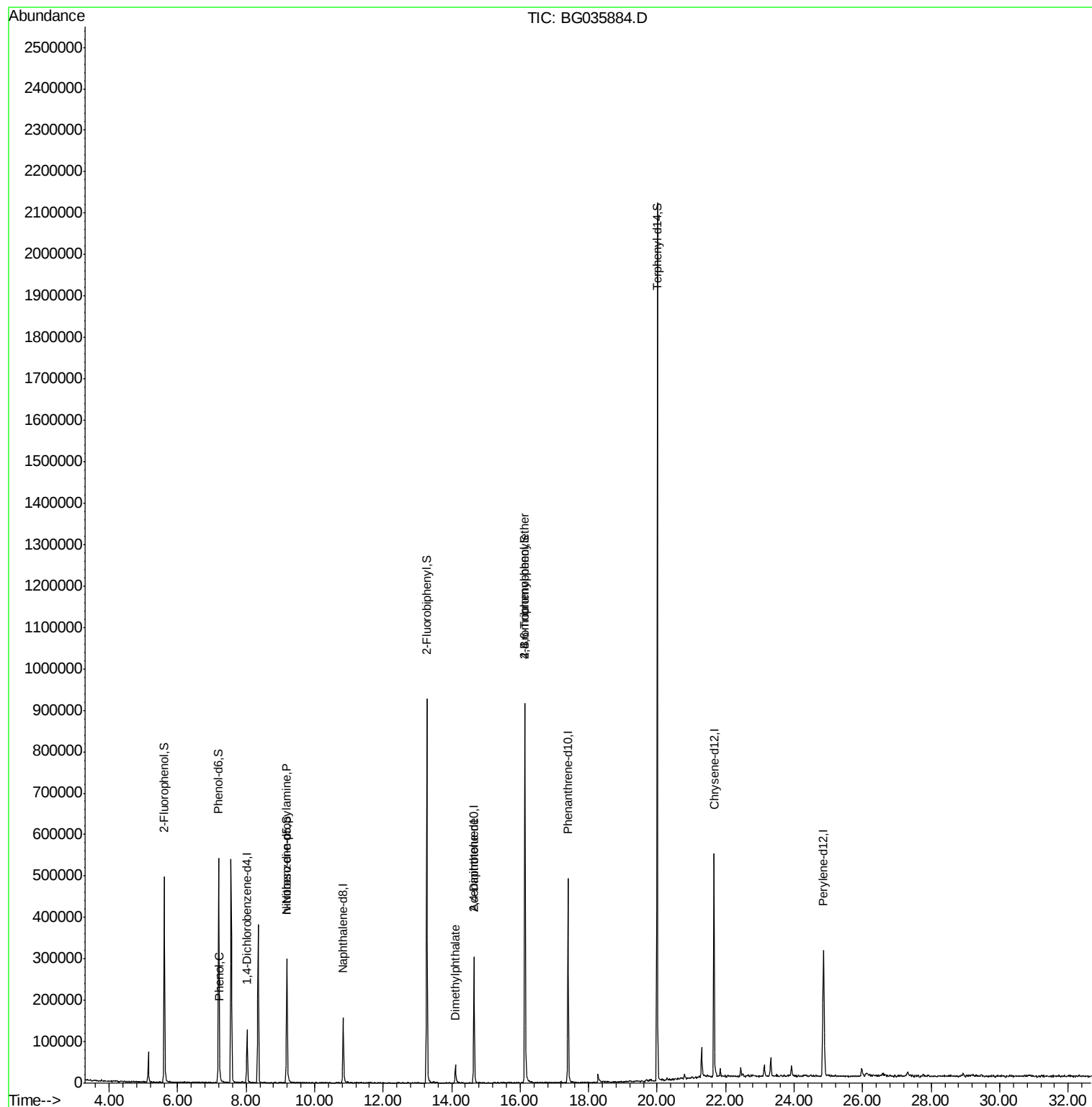
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	36733	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	145993	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	116628	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	335571	20.00	ng	0.00
75) Chrysene-d12	21.66	240	347108	20.00	ng	0.00
86) Perylene-d12	24.85	264	338011	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	230762	104.30	ng	0.00
7) Phenol-d6	7.20	99	347410	105.24	ng	0.00
23) Nitrobenzene-d5	9.19	82	217221	62.16	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	180470	117.40	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	545002	62.61	ng	0.00
78) Terphenyl-d14	20.00	244	1014665	64.44	ng	0.00
Target Compounds						
10) Phenol	7.22	94	14578	4.371	ng	92
19) n-Nitroso-di-n-propylamine	9.19	70	29641	10.663	ng	# 63
49) Dimethylphthalate	14.11	163	44746	4.379	ng	# 93
56) 2,4-Dinitrotoluene	14.64	165	16761	5.615	ng	# 17
66) 4-Bromophenyl-phenylether	16.14	248	14946	3.839	ng	# 1

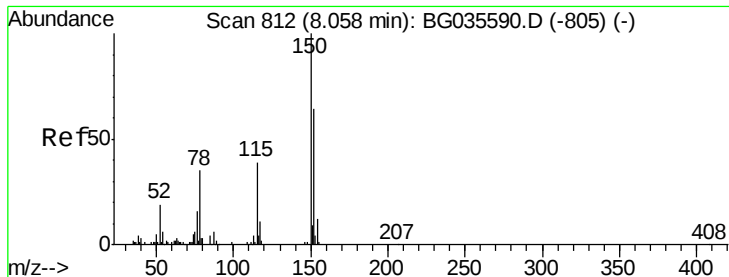
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072518\
Data File : BG035884.D
Acq On : 25 Jul 2018 21:44
Operator : JU/SJ
Sample : J4140-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(105-107)

Quant Time: Jul 26 01:40:55 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



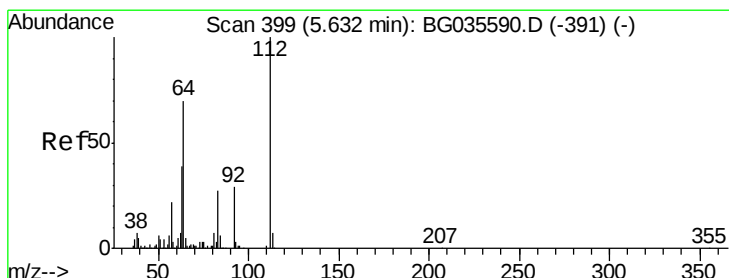
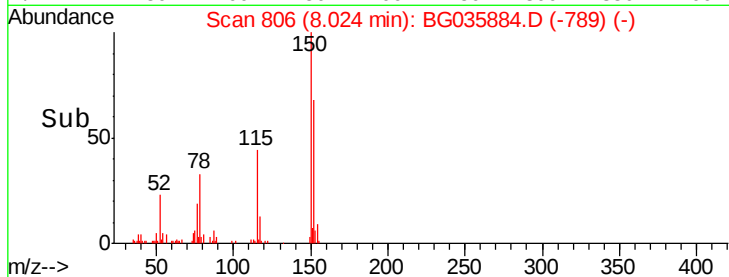
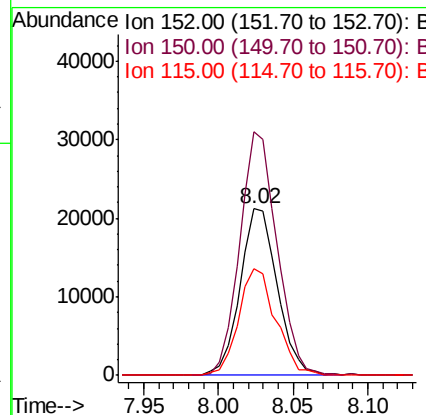
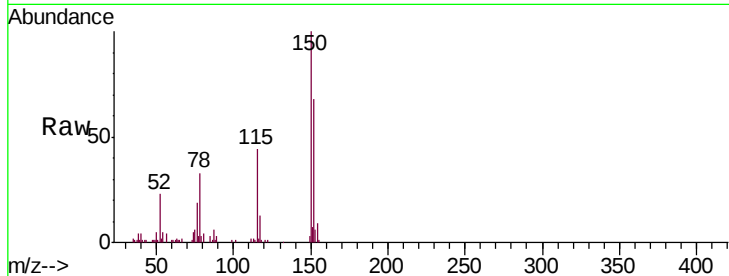


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 806
Delta R.T. -0.00 min
Lab File: BG035884.D
Acq: 25 Jul 2018 21:44

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(105-107)

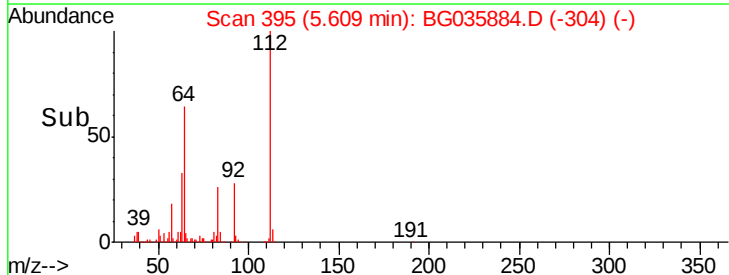
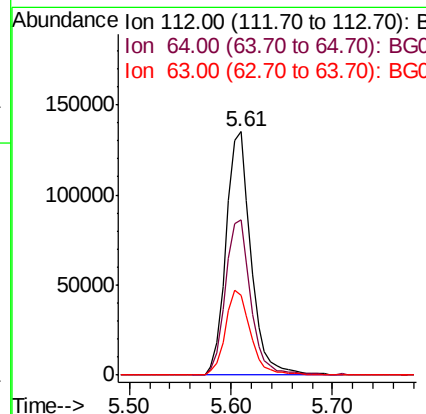
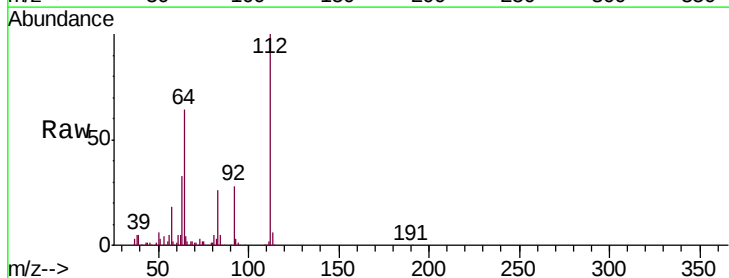
Tgt Ion	Ratio	Lower	Upper
152	100		
150	146.1	126.6	189.8
115	63.7	53.0	79.4



#5

2-Fluorophenol
Concen: 104.298 ng
RT: 5.61 min Scan# 395
Delta R.T. 0.01 min
Lab File: BG035884.D
Acq: 25 Jul 2018 21:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.0	56.3	84.5
63	32.8	30.1	45.1





#7

Phenol-d6

Concen: 105.242 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035884.D

Acq: 25 Jul 2018 21:44

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(105-107)

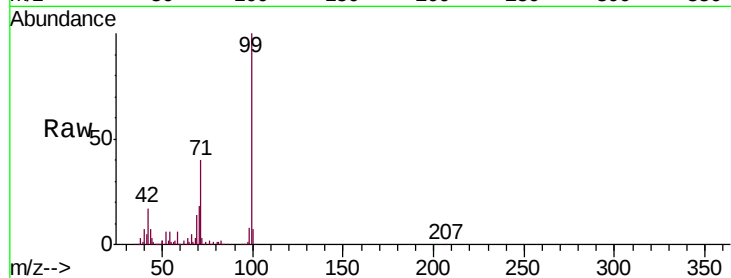
Tgt Ion: 99 Resp: 347410

Ion Ratio Lower Upper

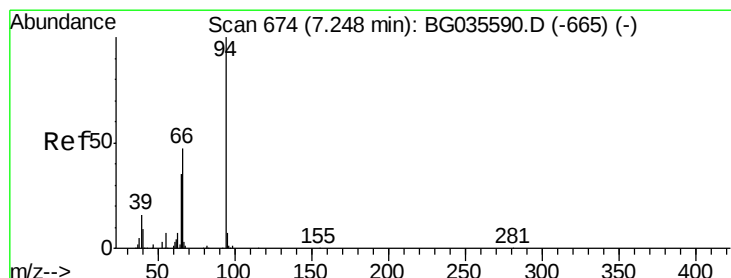
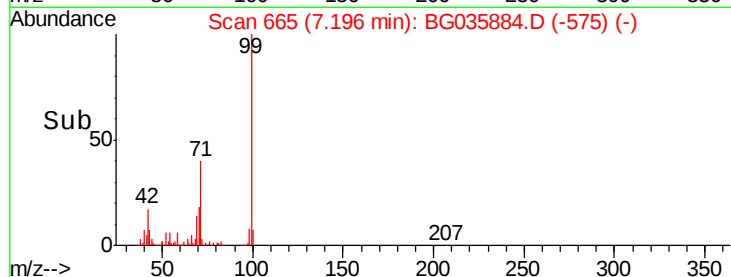
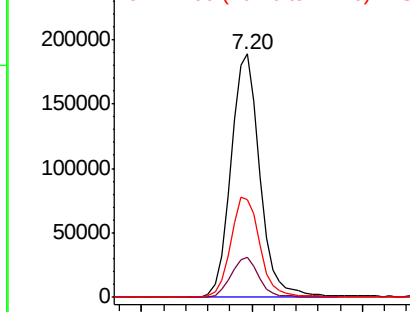
99 100

42 16.5 14.1 21.1

71 39.9 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: 4.371 ng

RT: 7.22 min Scan# 670

Delta R.T. 0.01 min

Lab File: BG035884.D

Acq: 25 Jul 2018 21:44

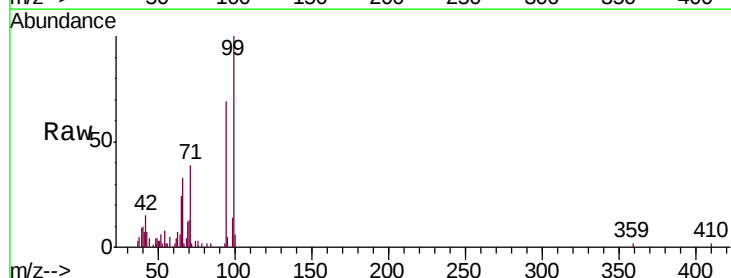
Tgt Ion: 94 Resp: 14578

Ion Ratio Lower Upper

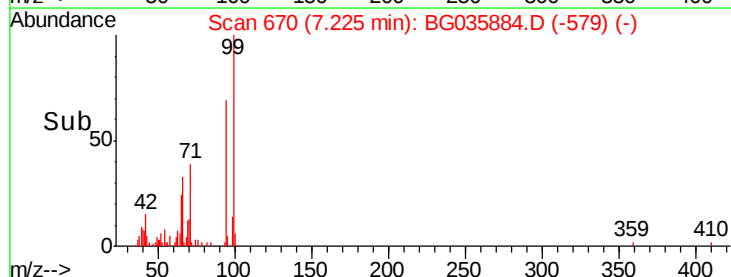
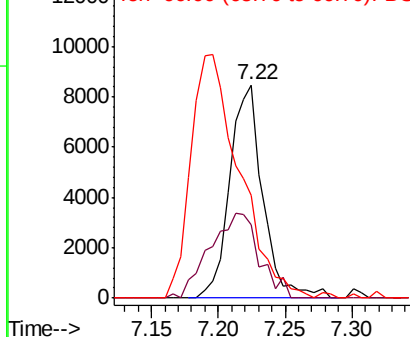
94 100

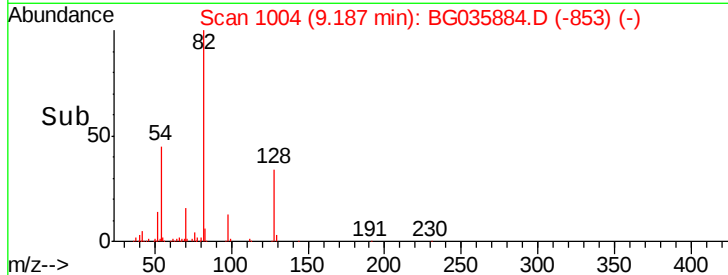
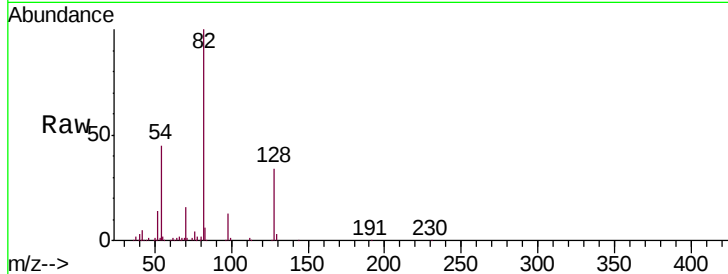
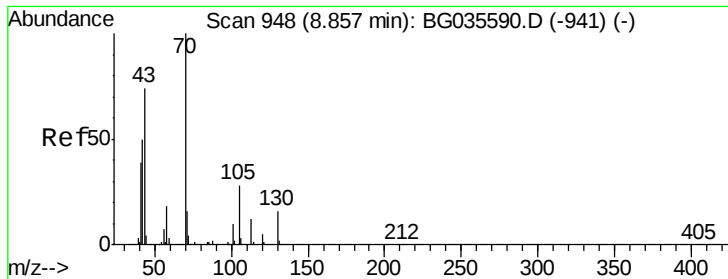
65 34.5 11.9 51.9

66 48.4 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

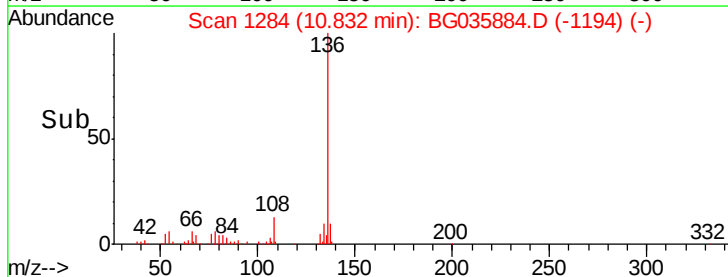
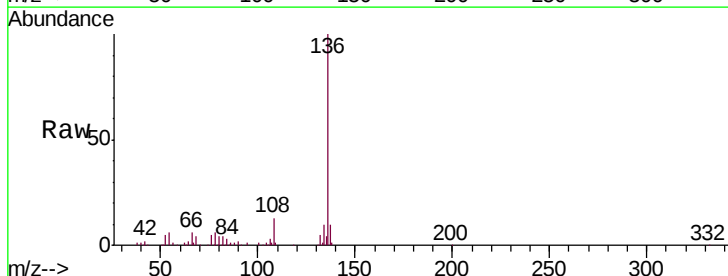
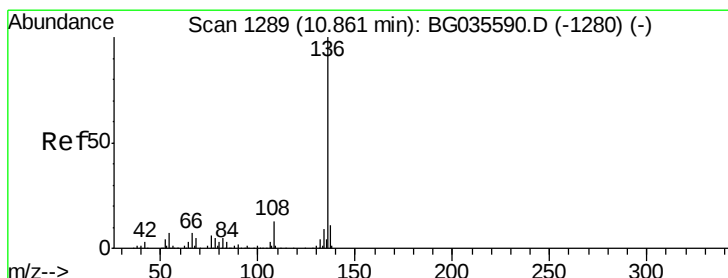
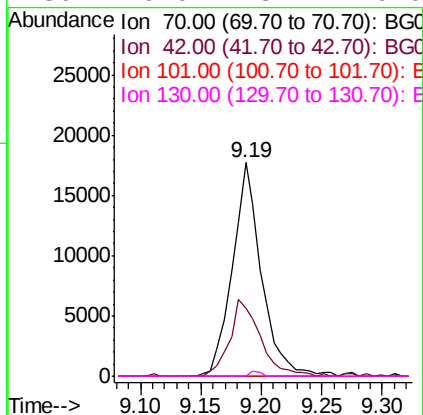




#19
n-Nitroso-di-n-propylamine
Concen: 10.663 ng
RT: 9.19 min Scan# 1004
Delta R.T. 0.36 min
Lab File: BG035884.D
Acq: 25 Jul 2018 21:44

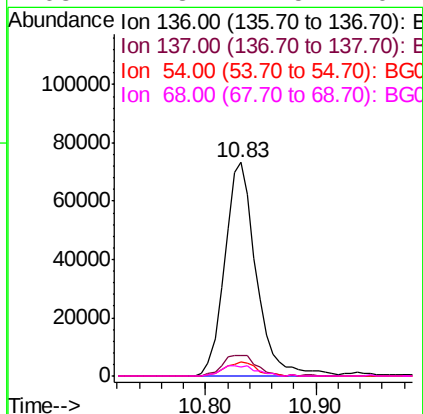
Instrument :
BNA_G
ClientSampleId :
EPE-F-8(105-107)

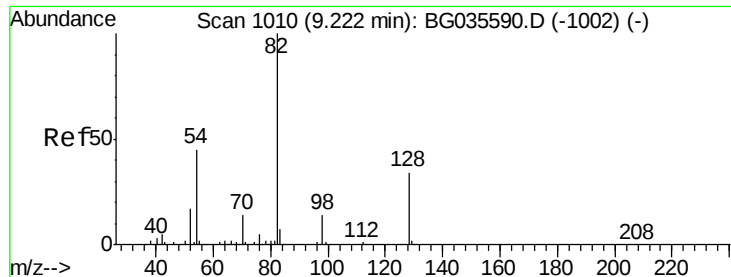
Tgt Ion: 70 Resp: 29641
Ion Ratio Lower Upper
70 100
42 32.0 49.1 73.7#
101 0.0 8.5 12.7#
130 0.0 13.4 20.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035884.D
Acq: 25 Jul 2018 21:44

Tgt Ion: 136 Resp: 145993
Ion Ratio Lower Upper
136 100
137 9.6 9.2 13.8
54 6.4 10.3 15.5#
68 4.3 4.5 6.7#

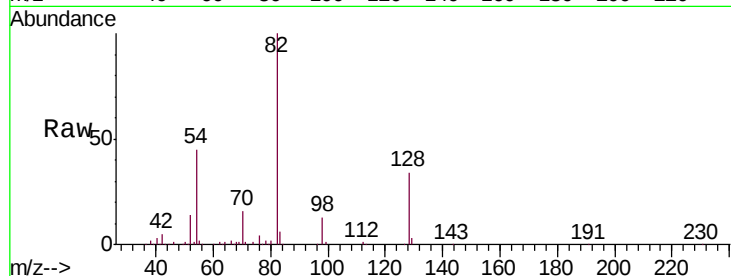




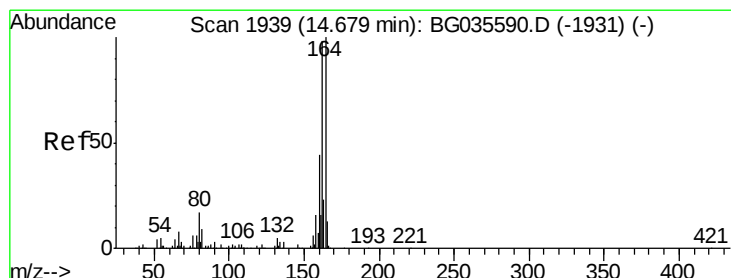
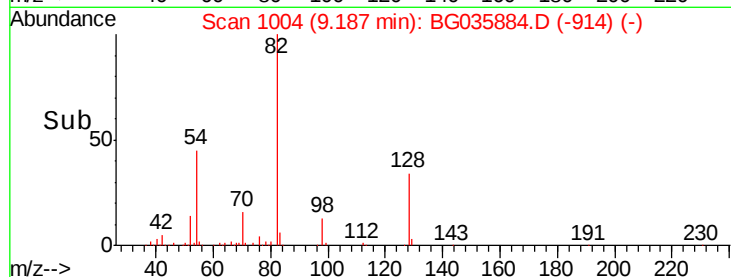
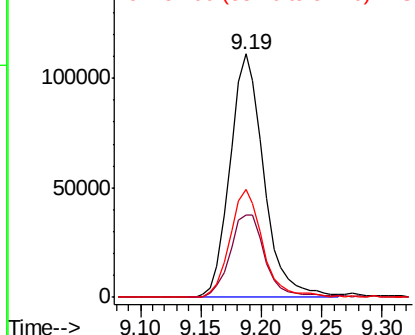
#23
Nitrobenzene-d5
Concen: 62.156 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035884.D
Acq: 25 Jul 2018 21:44

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(105-107)

Tgt Ion	Ratio	Lower	Upper
82	100		
128	33.6	29.7	44.5
54	44.6	43.1	64.7

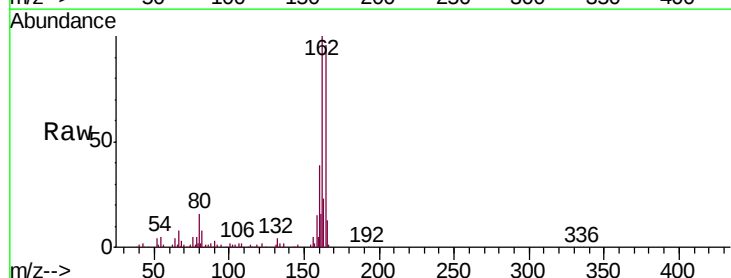


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

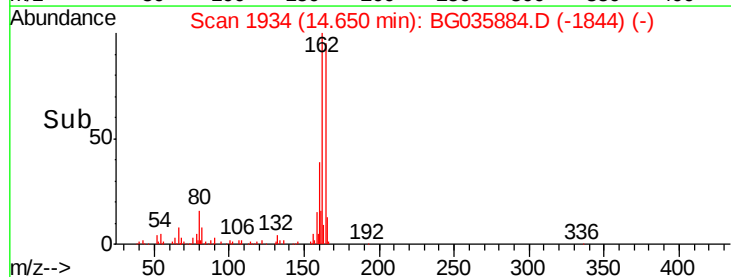
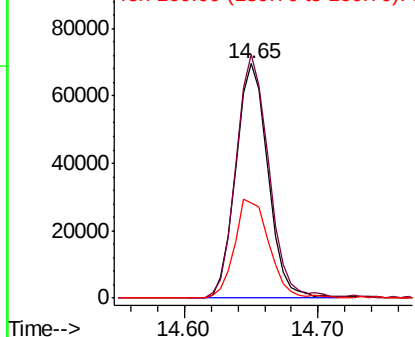


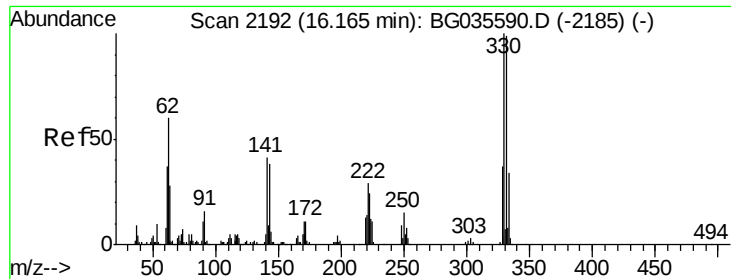
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1934
Delta R.T. -0.00 min
Lab File: BG035884.D
Acq: 25 Jul 2018 21:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	78.8	118.2
160	40.8	35.4	53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

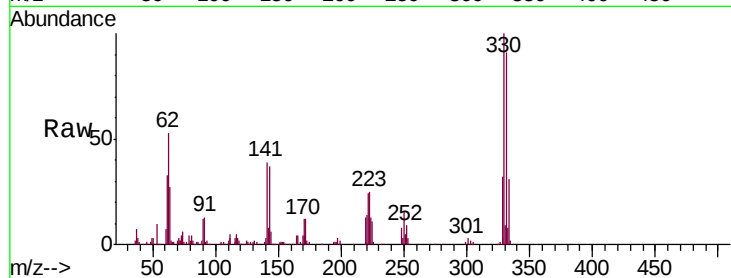




#41
 2,4,6-Tribromophenol
 Concen: 117.399 ng
 RT: 16.14 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: BG035884.D
 Acq: 25 Jul 2018 21:44

Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(105-107)

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	38.6	25.2	37.8#

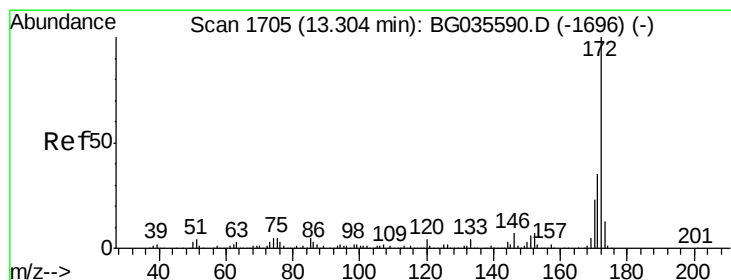
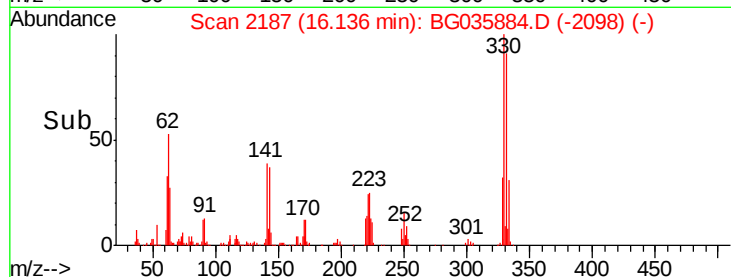
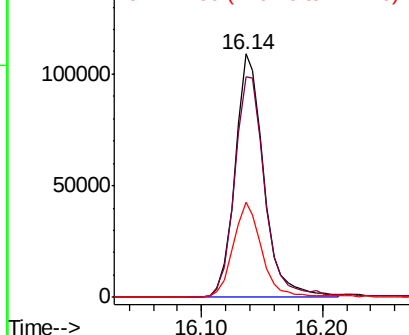


Abundance

Ion 329.80 (329.50 to 330.50): E

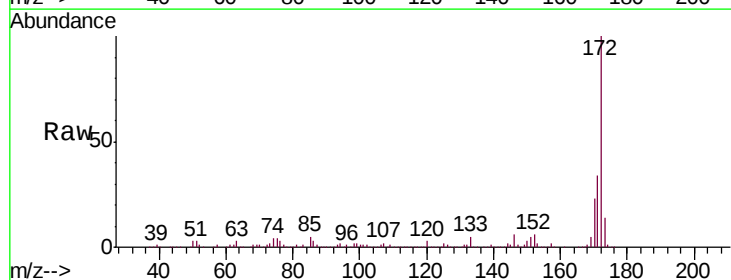
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 62.606 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.00 min
 Lab File: BG035884.D
 Acq: 25 Jul 2018 21:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	30.0	45.0
170	23.2	19.5	29.3

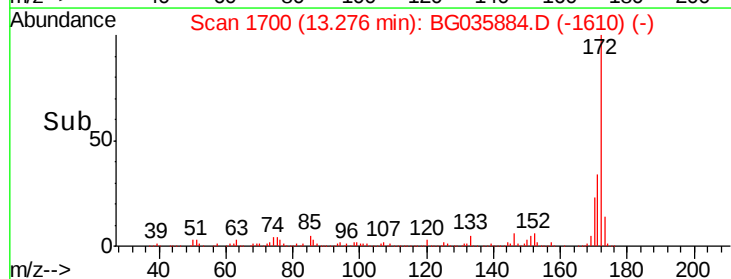
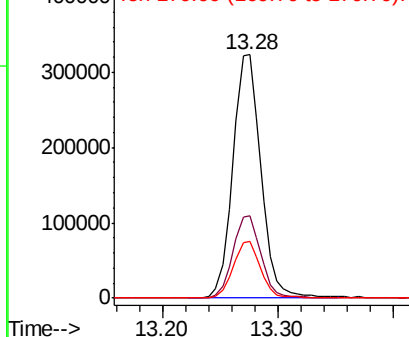


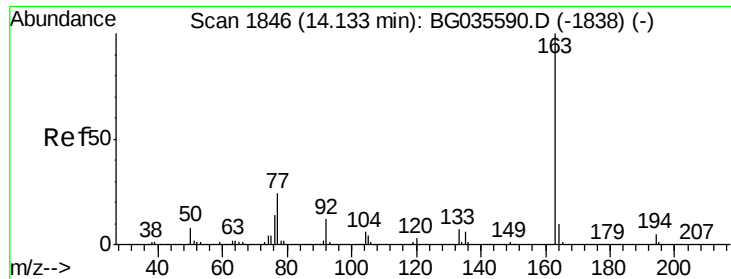
Abundance

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: 4.379 ng

RT: 14.11 min Scan# 1842

Delta R.T. 0.01 min

Lab File: BG035884.D

Acq: 25 Jul 2018 21:44

Instrument :

BNA_G

ClientSampleId :

EPE-F-8(105-107)

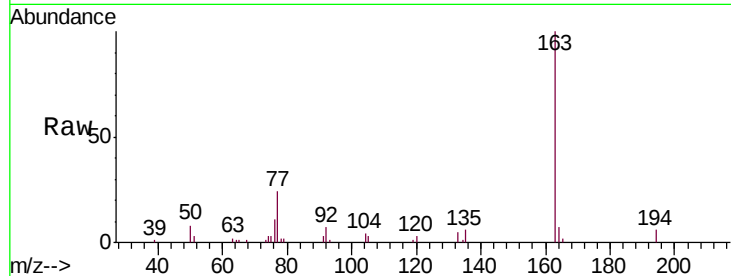
Tgt Ion:163 Resp: 44746

Ion Ratio Lower Upper

163 100

194 5.7 3.4 5.2#

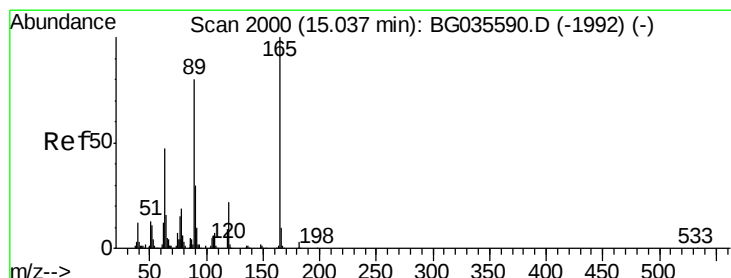
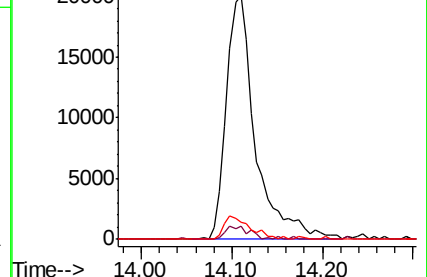
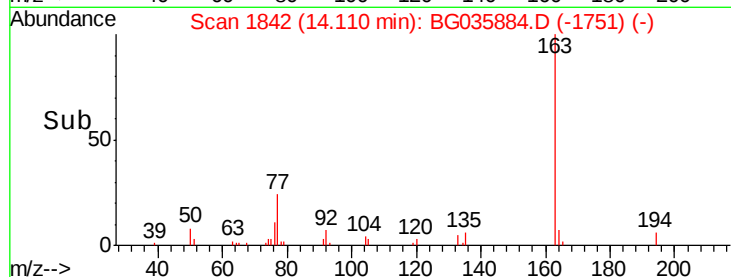
164 7.2 8.2 12.4#



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



#56

2,4-Dinitrotoluene

Concen: 5.615 ng

RT: 14.64 min Scan# 1933

Delta R.T. -0.37 min

Lab File: BG035884.D

Acq: 25 Jul 2018 21:44

Tgt Ion:165 Resp: 16761

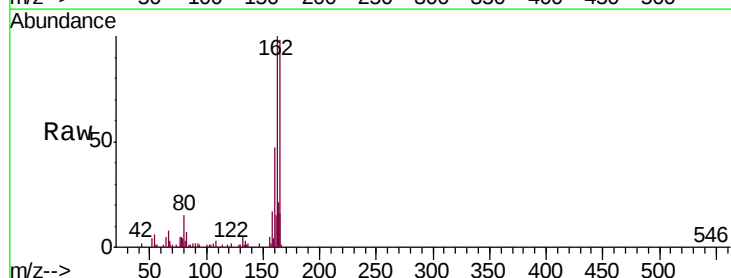
Ion Ratio Lower Upper

165 100

63 0.0 42.0 63.0#

89 1.8 66.9 100.3#

182 0.0 2.6 3.8#

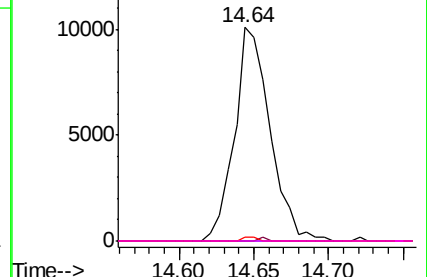
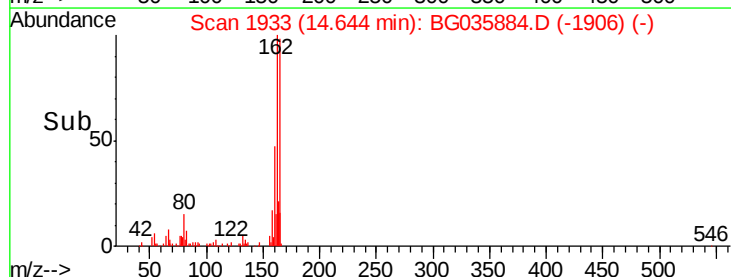


Abundance Ion 165.00 (164.70 to 165.70): E

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

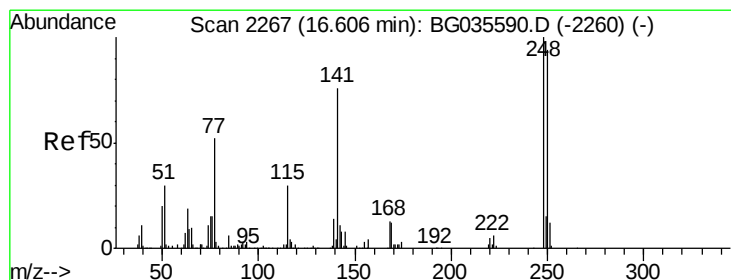
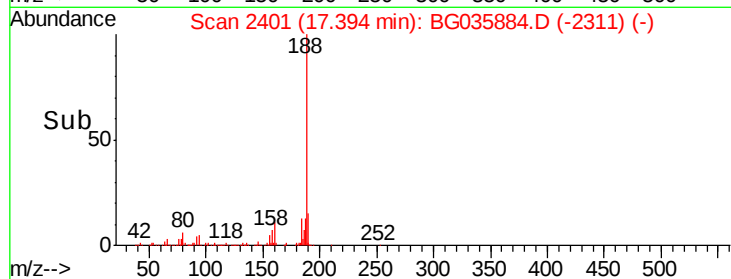
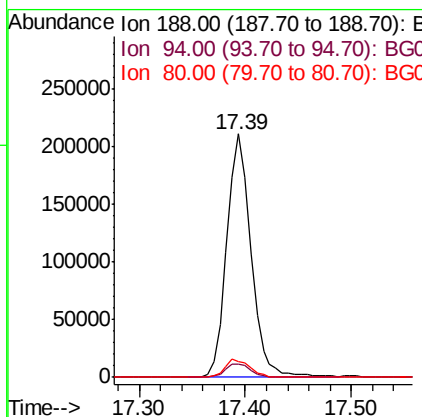
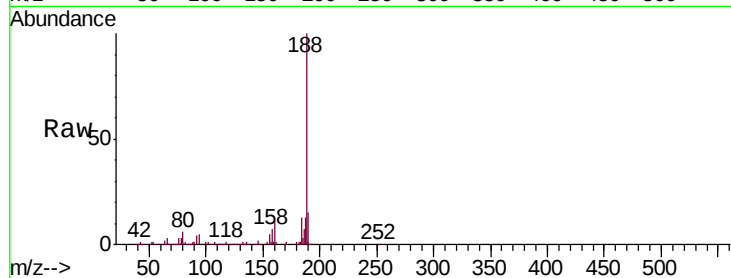




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2401
 Delta R.T. -0.00 min
 Lab File: BG035884.D
 Acq: 25 Jul 2018 21:44

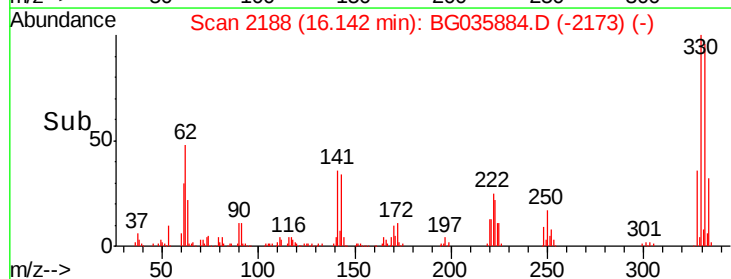
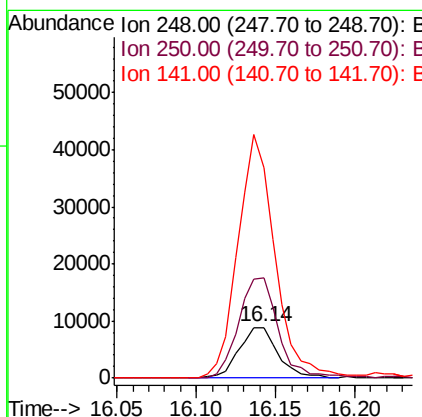
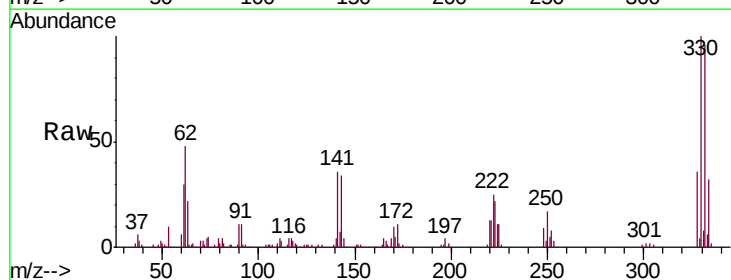
Instrument :
 BNA_G
 ClientSampleId :
 EPE-F-8(105-107)

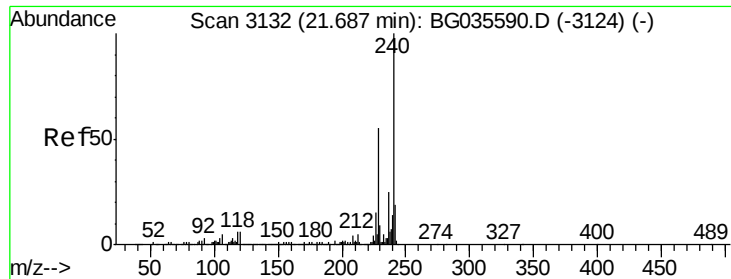
Tgt Ion:188 Resp: 335571
 Ion Ratio Lower Upper
 188 100
 94 5.4 6.9 10.3#
 80 6.3 7.7 11.5#



#66
 4-Bromophenyl-phenylether
 Concen: 3.839 ng
 RT: 16.14 min Scan# 2188
 Delta R.T. -0.44 min
 Lab File: BG035884.D
 Acq: 25 Jul 2018 21:44

Tgt Ion:248 Resp: 14946
 Ion Ratio Lower Upper
 248 100
 250 199.4 77.1 115.7#
 141 419.0 50.8 76.2#

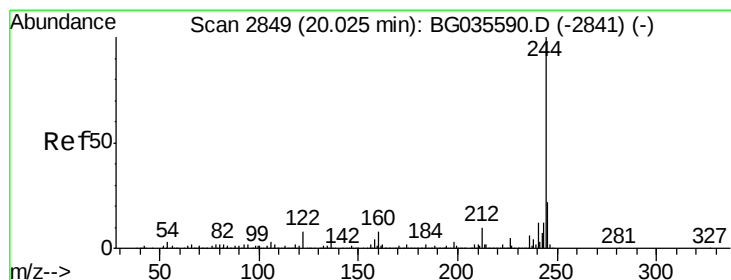
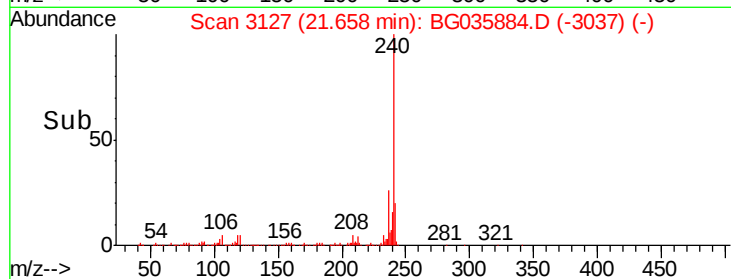
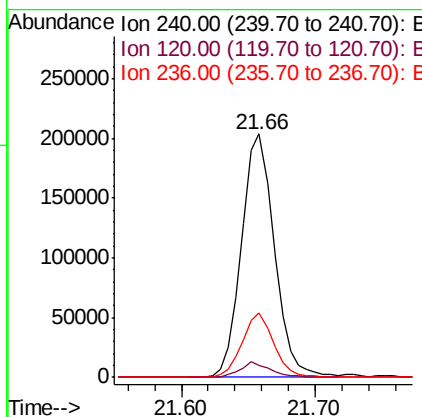
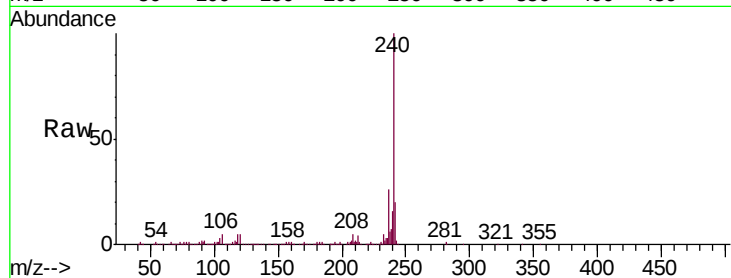




#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG035884.D
Acq: 25 Jul 2018 21:44

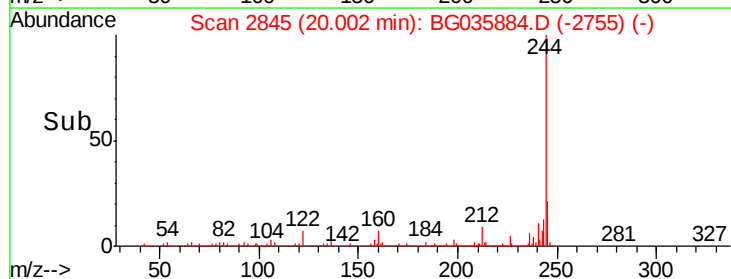
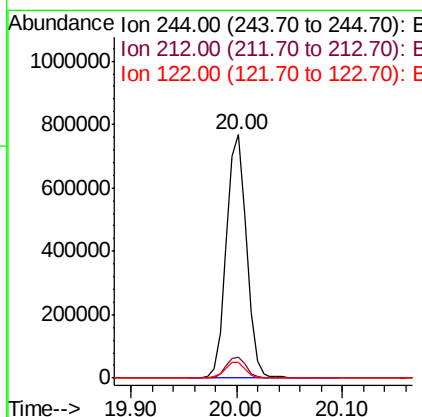
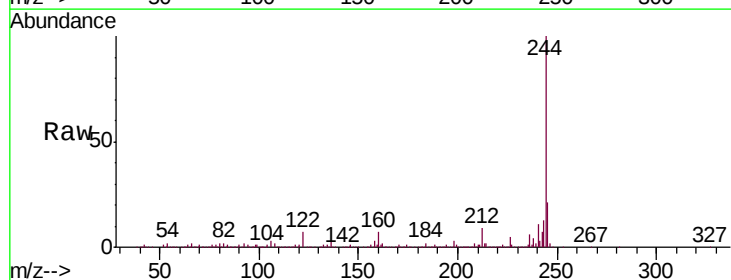
Instrument :
BNA_G
ClientSampleId :
EPE-F-8(105-107)

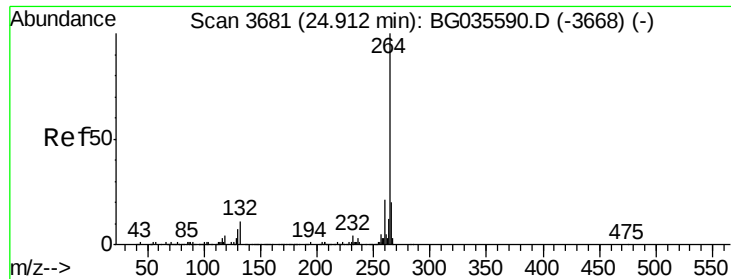
Tgt Ion:240 Resp: 347108
Ion Ratio Lower Upper
240 100
120 4.7 6.8 10.2#
236 26.3 20.9 31.3



#78
Terphenyl-d14
Concen: 64.436 ng
RT: 20.00 min Scan# 2845
Delta R.T. -0.00 min
Lab File: BG035884.D
Acq: 25 Jul 2018 21:44

Tgt Ion:244 Resp: 1014665
Ion Ratio Lower Upper
244 100
212 8.7 5.8 8.8
122 6.7 7.0 10.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.85 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG035884.D
Acq: 25 Jul 2018 21:44

Instrument :
BNA_G
ClientSampleId :
EPE-F-8(105-107)

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	17.4	26.0
265	21.6	17.7	26.5

