

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG072518\
 Data File : BG035879.D
 Acq On : 25 Jul 2018 18:28
 Operator : JU/SJ
 Sample : J4141-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-03-001-ABCD

Quant Time: Jul 26 01:39:11 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

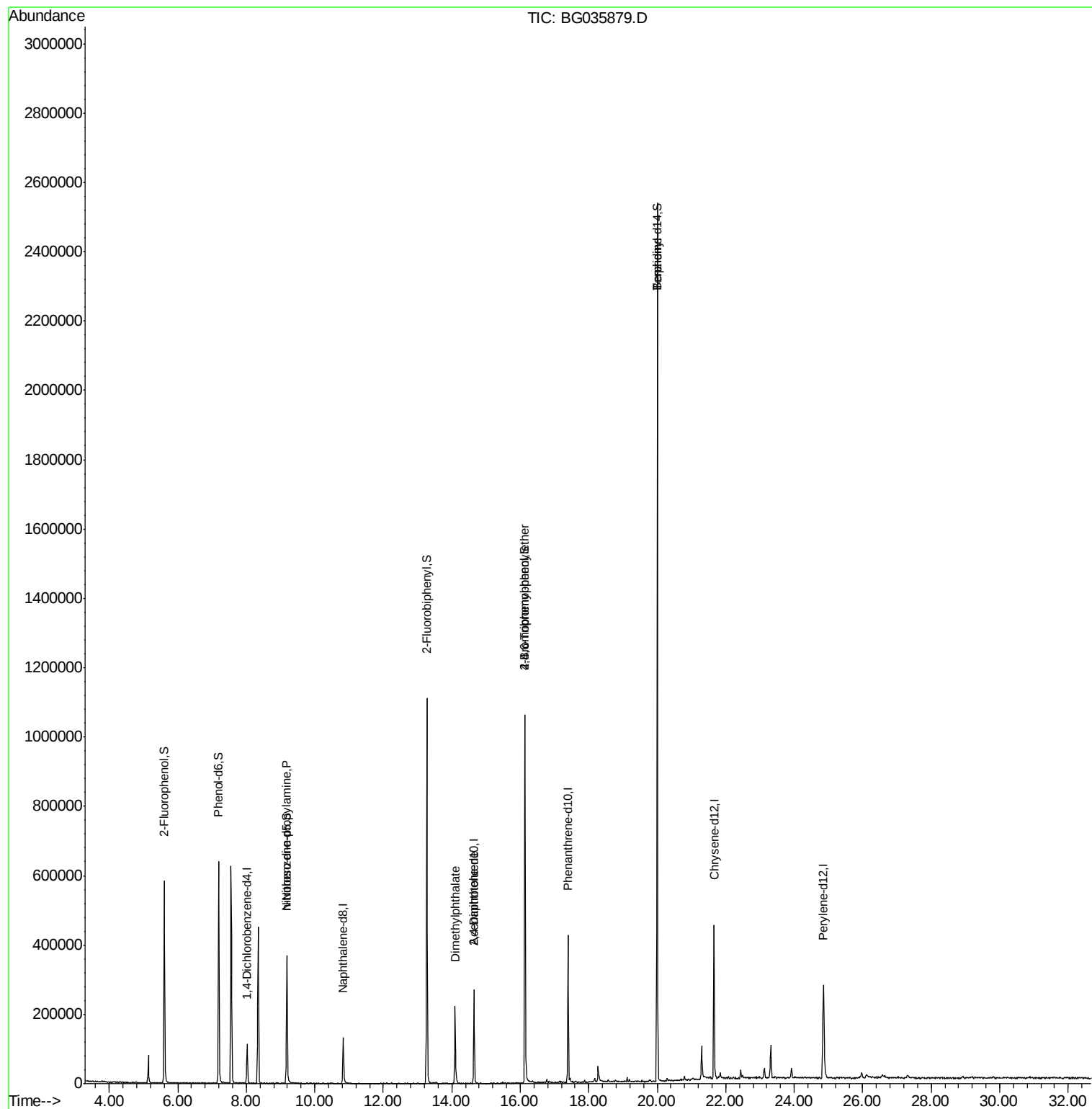
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	32333	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	125262	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	99043	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	290097	20.00	ng	0.00
75) Chrysene-d12	21.66	240	299710	20.00	ng	0.00
86) Perylene-d12	24.85	264	291499	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	267205	137.20	ng	0.00
7) Phenol-d6	7.20	99	401436	138.16	ng	0.00
23) Nitrobenzene-d5	9.19	82	256249	85.46	ng	0.00
41) 2,4,6-Tribromophenol	16.14	330	209176	160.23	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	636754	86.13	ng	0.00
78) Terphenyl-d14	20.00	244	1200613	88.30	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.19	70	35019	14.312	ng	Qvalue # 70
49) Dimethylphthalate	14.10	163	176497	20.339	ng	# 99
56) 2,4-Dinitrotoluene	14.65	165	14015	5.528	ng	# 16
66) 4-Bromophenyl-phenylether	16.14	248	15639	4.647	ng	# 1
76) Benzidine	20.00	184	20770	2.636	ng	# 87

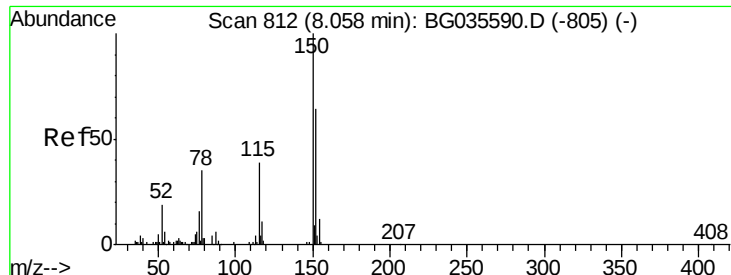
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 26 01:39:11 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
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.03 min Scan# 807

Delta R.T. 0.01 min

Lab File: BG035879.D

Acq: 25 Jul 2018 18:28

Instrument :

BNA_G

ClientSampleId :

FK-BPM-03-001-ABCD

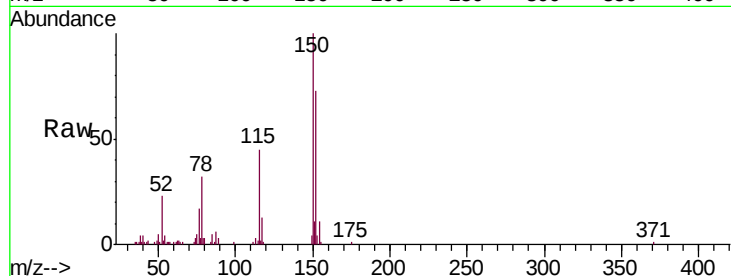
Tgt Ion:152 Resp: 32333

Ion Ratio Lower Upper

152 100

150 136.9 126.6 189.8

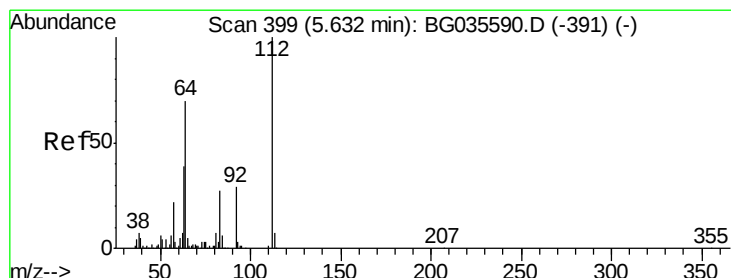
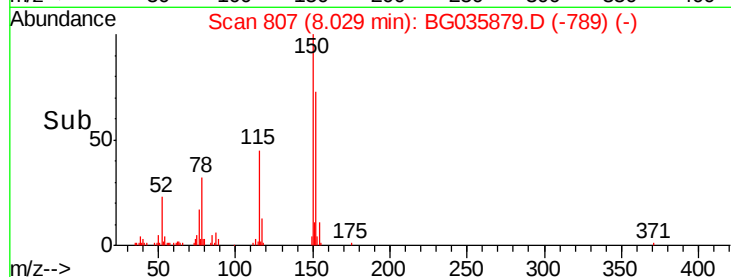
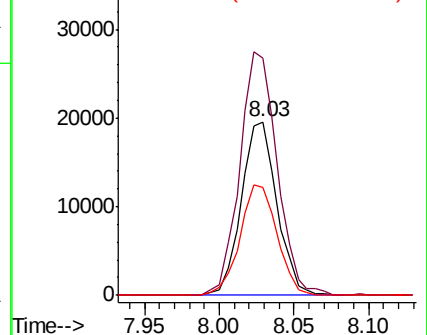
115 62.0 53.0 79.4



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: 137.204 ng

RT: 5.61 min Scan# 395

Delta R.T. 0.01 min

Lab File: BG035879.D

Acq: 25 Jul 2018 18:28

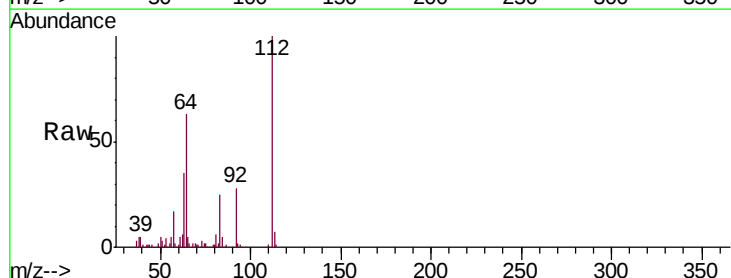
Tgt Ion:112 Resp: 267205

Ion Ratio Lower Upper

112 100

64 63.1 56.3 84.5

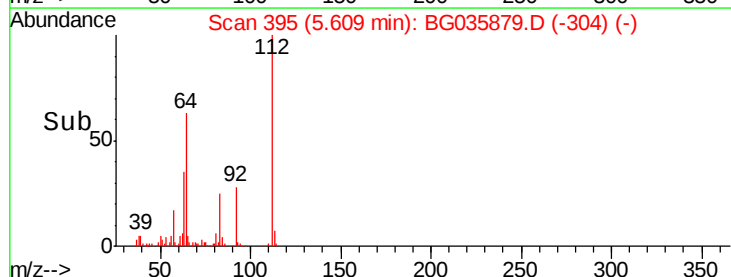
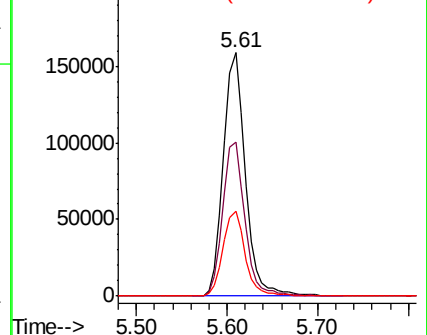
63 34.9 30.1 45.1

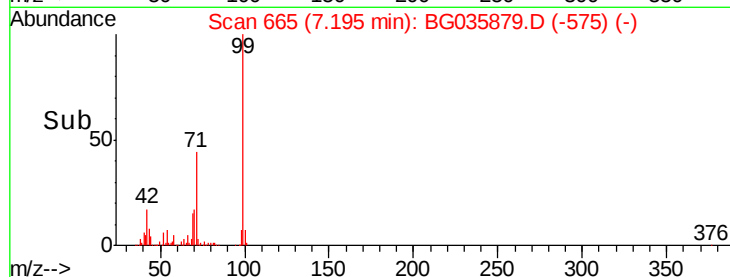
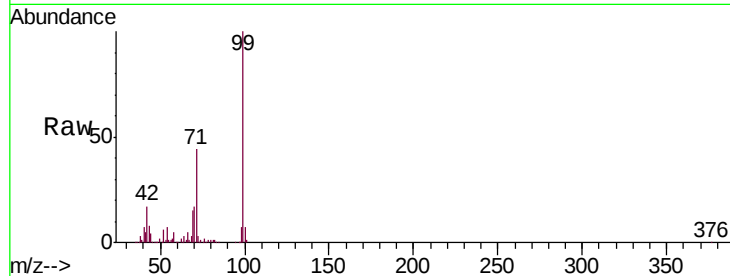
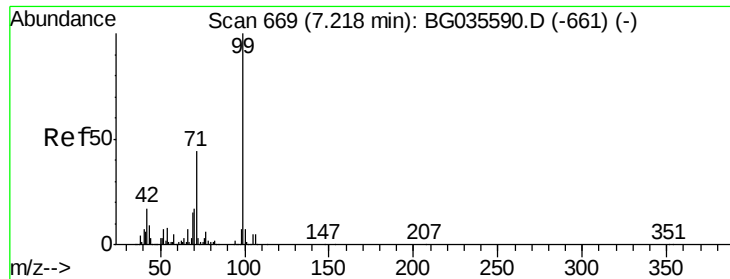


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 138.157 ng

RT: 7.20 min Scan# 665

Delta R.T. -0.00 min

Lab File: BG035879.D

Acq: 25 Jul 2018 18:28

Instrument :

BNA_G

ClientSampleId :

FK-BPM-03-001-ABCD

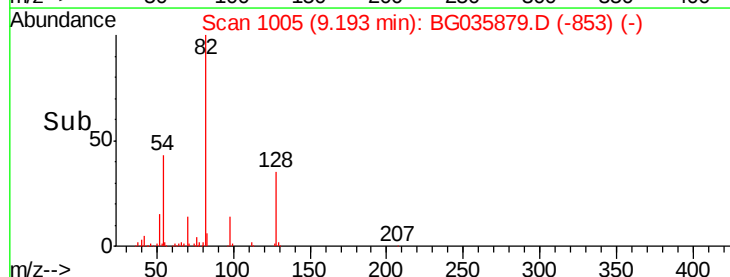
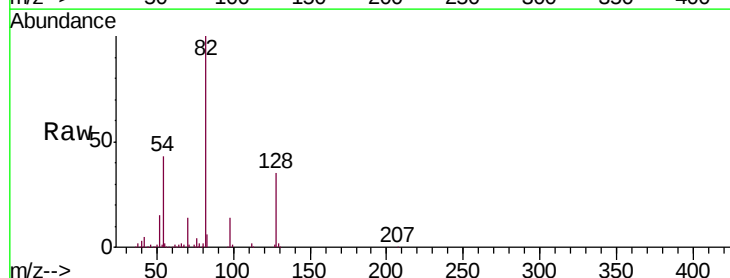
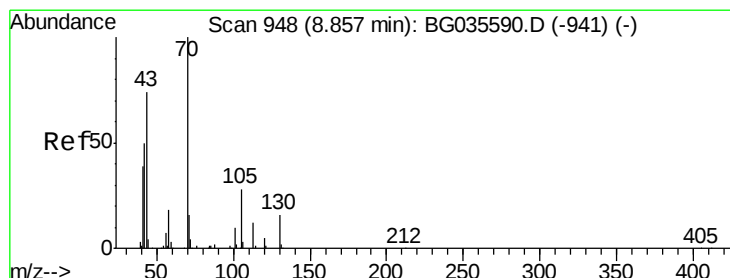
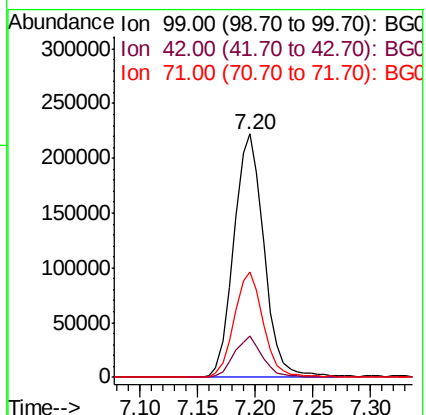
Tgt Ion: 99 Resp: 401436

Ion Ratio Lower Upper

99 100

42 17.0 14.1 21.1

71 43.5 26.1 39.1#



#19

n-Nitroso-di-n-propylamine

Concen: 14.312 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.36 min

Lab File: BG035879.D

Acq: 25 Jul 2018 18:28

Tgt Ion: 70 Resp: 35019

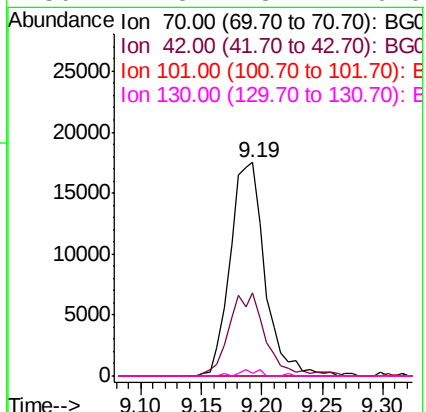
Ion Ratio Lower Upper

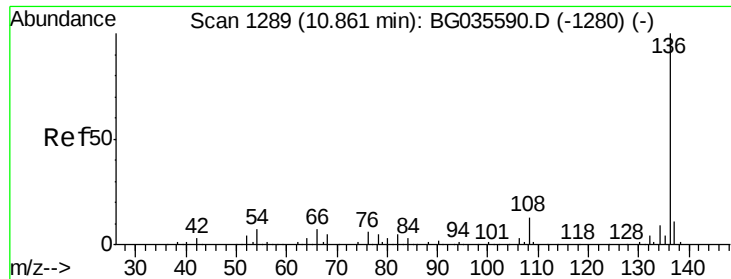
70 100

42 39.2 49.1 73.7#

101 0.0 8.5 12.7#

130 1.3 13.4 20.0#

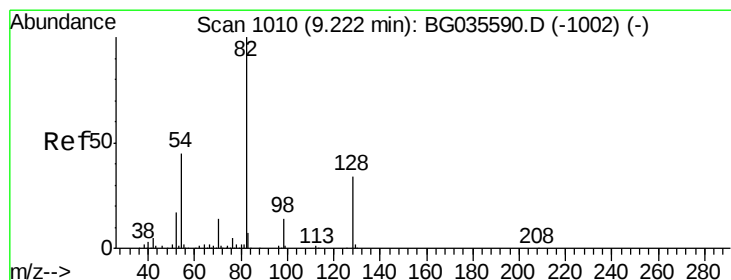
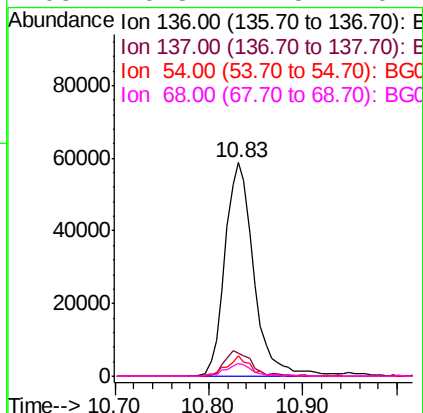
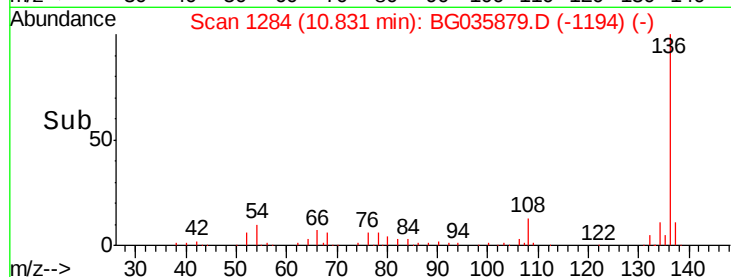
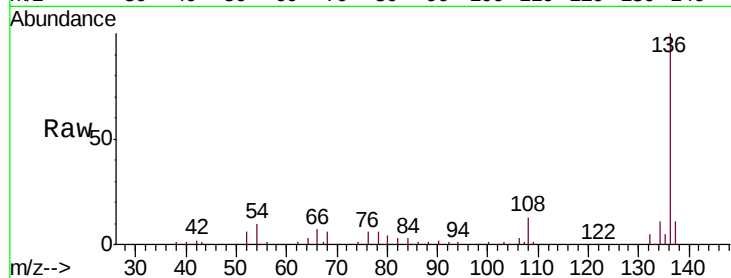




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BG035879.D
Acq: 25 Jul 2018 18:28

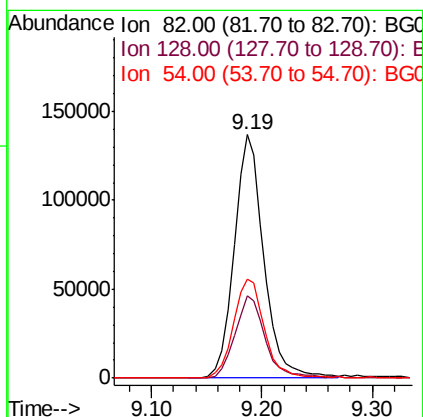
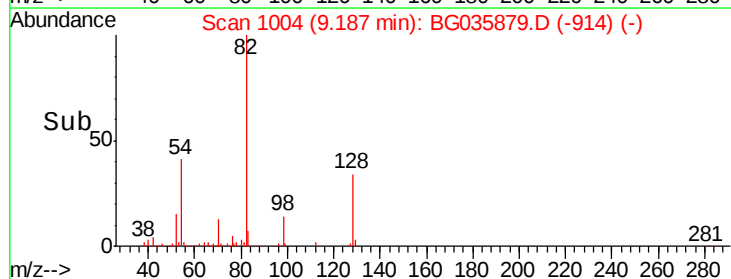
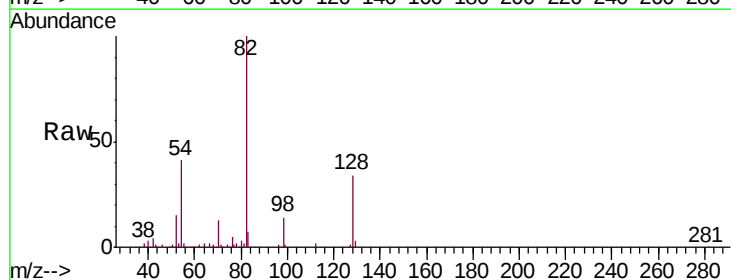
Instrument :
BNA_G
ClientSampleId :
FK-BPM-03-001-ABCD

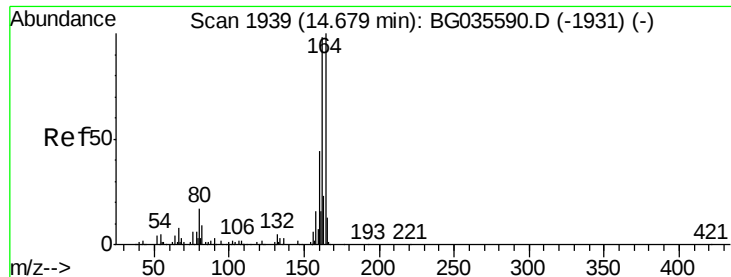
Tgt Ion:	136	Resp:	125262
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	9.8	10.3	15.5#
68	6.3	4.5	6.7



#23
Nitrobenzene-d5
Concen: 85.459 ng
RT: 9.19 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BG035879.D
Acq: 25 Jul 2018 18:28

Tgt Ion:	82	Resp:	256249
Ion	Ratio	Lower	Upper
82	100		
128	33.7	29.7	44.5
54	40.9	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: BG035879.D

Acq: 25 Jul 2018 18:28

Instrument :

BNA_G

ClientSampleId :

FK-BPM-03-001-ABCD

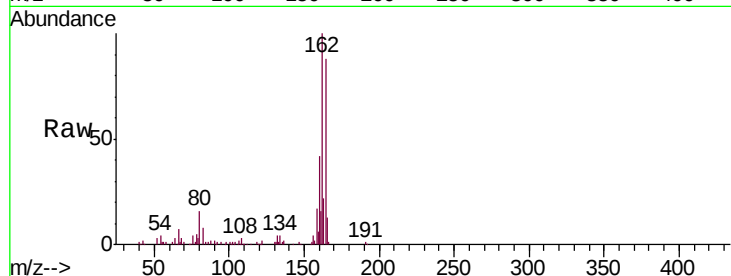
Tgt Ion:164 Resp: 99043

Ion Ratio Lower Upper

164 100

162 113.7 78.8 118.2

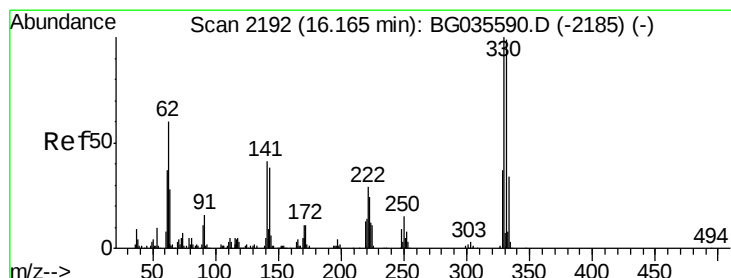
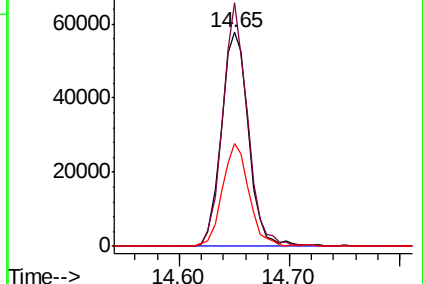
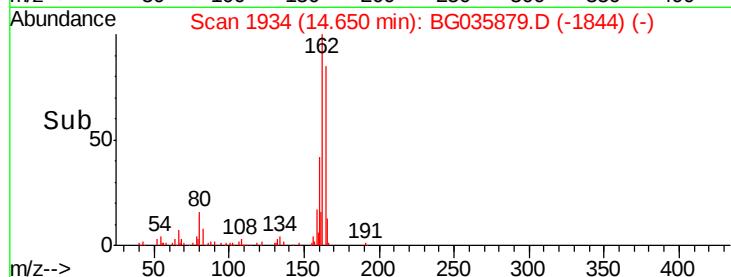
160 47.8 35.4 53.0



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: 160.233 ng

RT: 16.14 min Scan# 2188

Delta R.T. -0.00 min

Lab File: BG035879.D

Acq: 25 Jul 2018 18:28

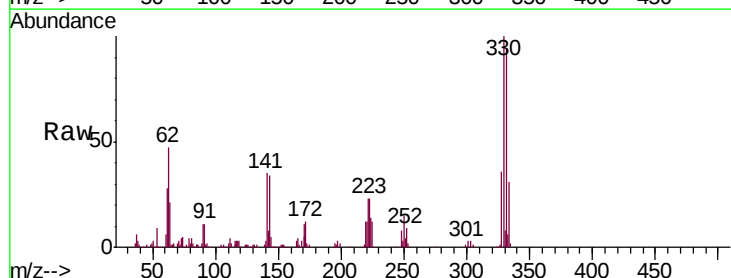
Tgt Ion:330 Resp: 209176

Ion Ratio Lower Upper

330 100

332 96.3 77.0 115.6

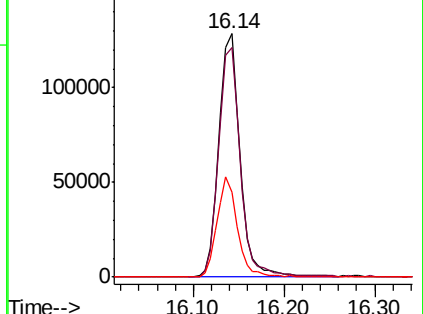
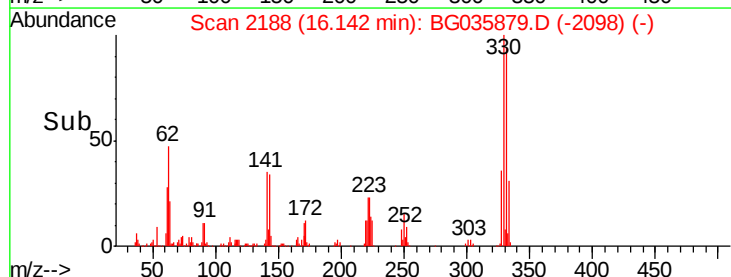
141 39.7 25.2 37.8#

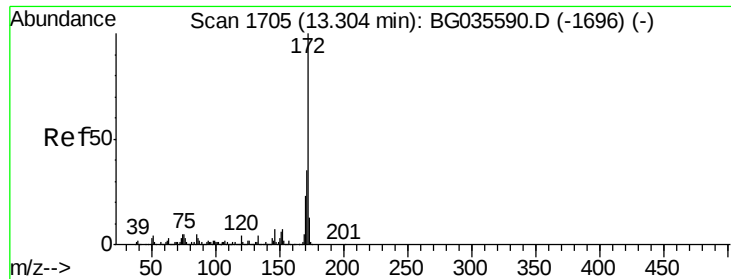


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 86.133 ng

RT: 13.28 min Scan# 1700

Delta R.T. -0.00 min

Lab File: BG035879.D

Acq: 25 Jul 2018 18:28

Instrument :

BNA_G

ClientSampleId :

FK-BPM-03-001-ABCD

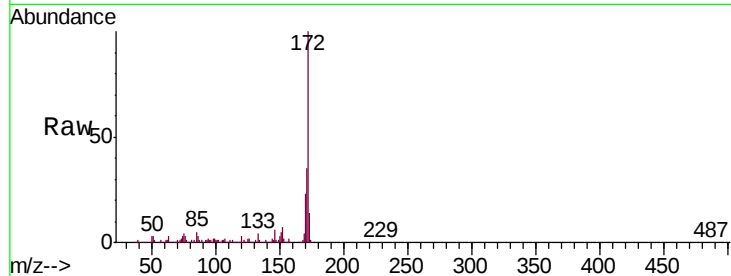
Tgt Ion:172 Resp: 636754

Ion Ratio Lower Upper

172 100

171 34.6 30.0 45.0

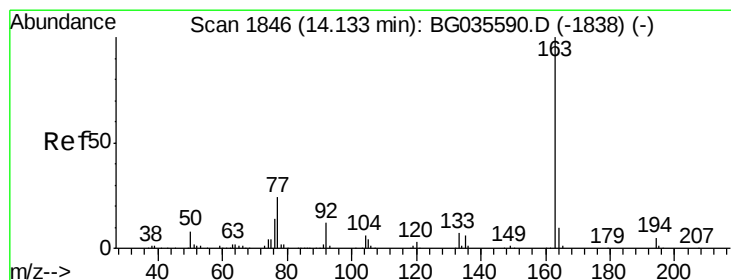
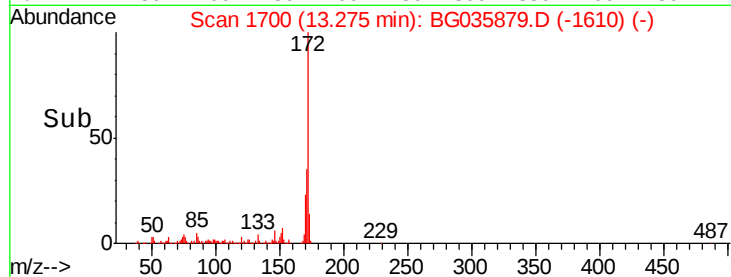
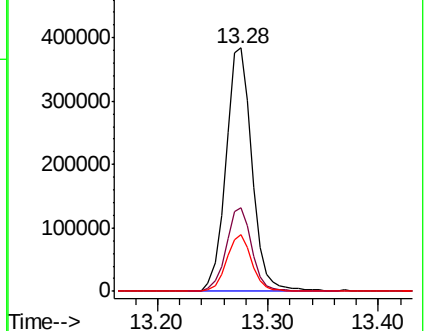
170 23.5 19.5 29.3



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: 20.339 ng

RT: 14.10 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BG035879.D

Acq: 25 Jul 2018 18:28

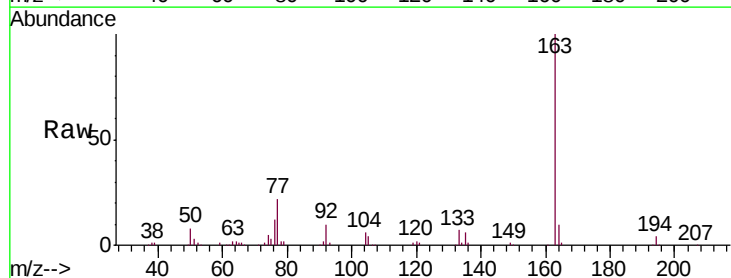
Tgt Ion:163 Resp: 176497

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

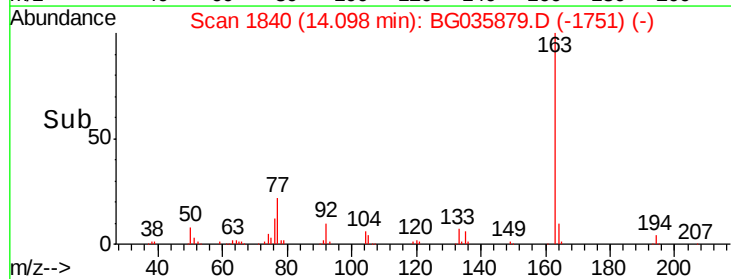
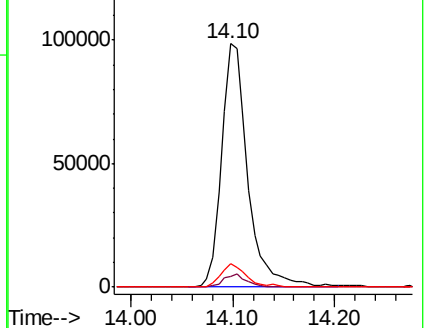
164 9.7 8.2 12.4

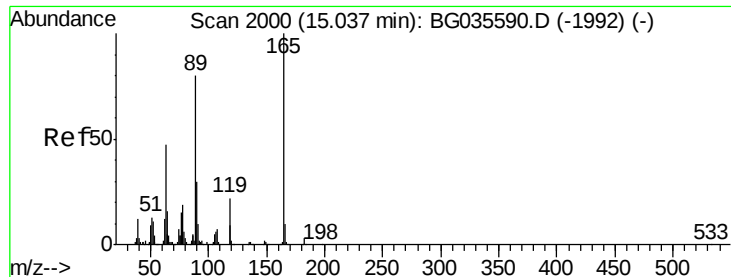


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

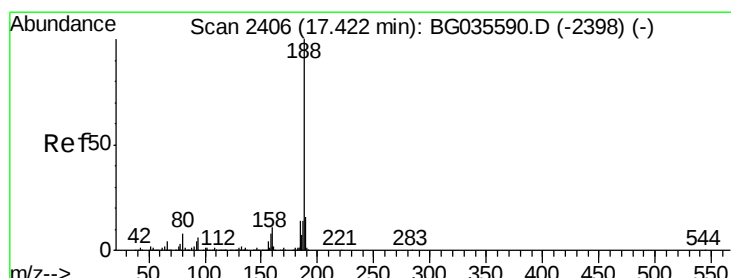
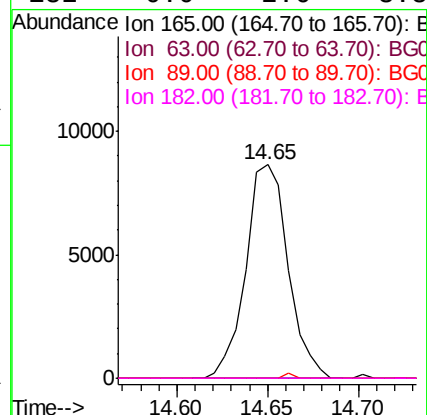
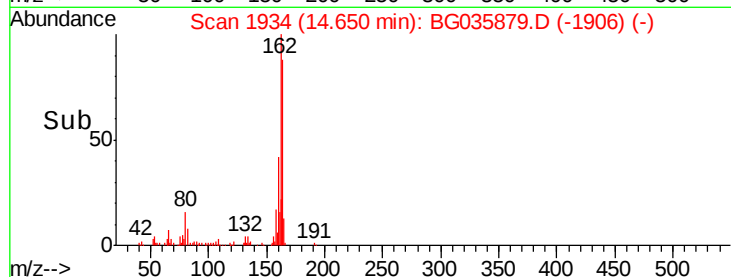
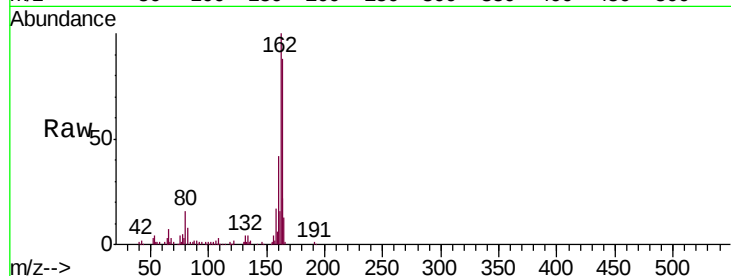




#56
 2,4-Dinitrotoluene
 Concen: 5.528 ng
 RT: 14.65 min Scan# 1934
 Delta R.T. -0.37 min
 Lab File: BG035879.D
 Acq: 25 Jul 2018 18:28

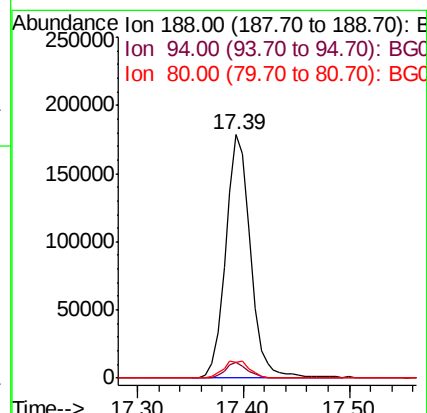
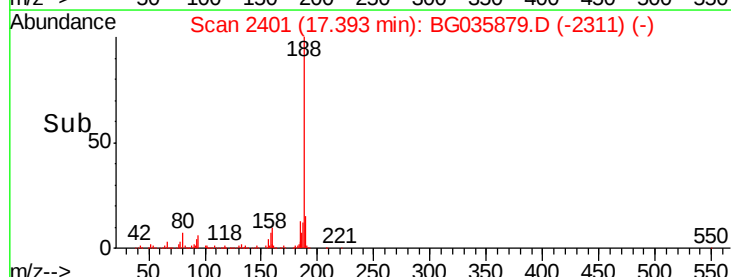
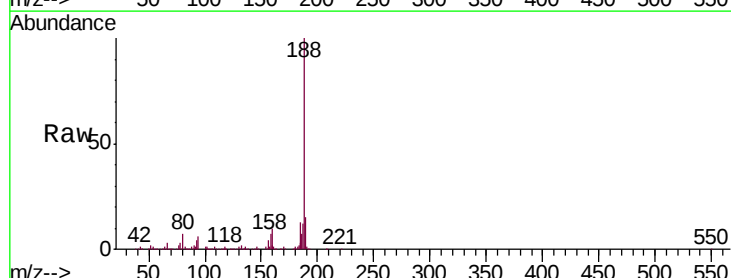
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-03-001-ABCD

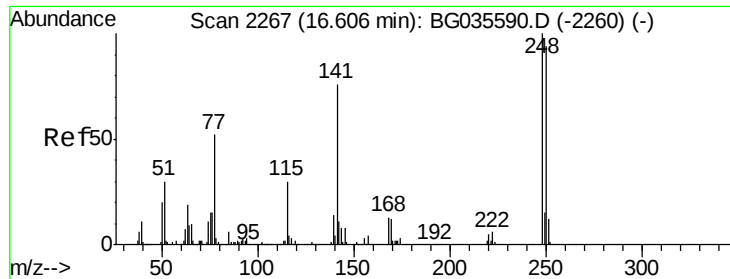
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.39 min Scan# 2401
 Delta R.T. -0.00 min
 Lab File: BG035879.D
 Acq: 25 Jul 2018 18:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	6.9	10.3#
80	6.6	7.7	11.5#

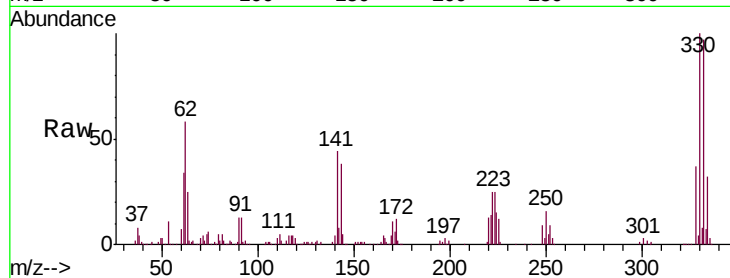




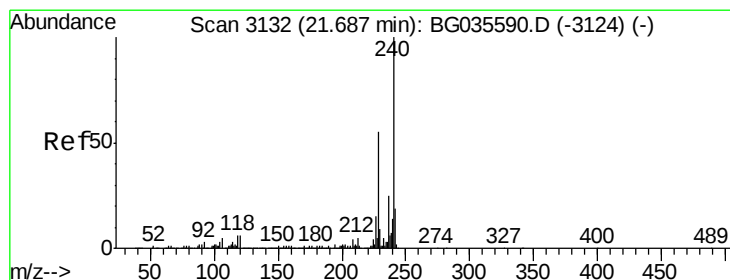
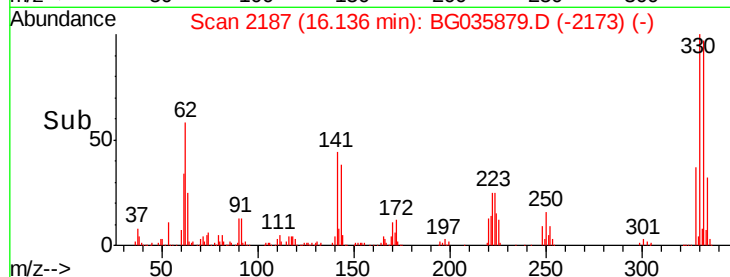
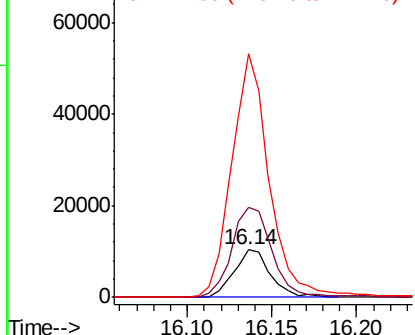
#66
4-Bromophenyl-phenylether
Concen: 4.647 ng
RT: 16.14 min Scan# 2187
Delta R.T. -0.45 min
Lab File: BG035879.D
Acq: 25 Jul 2018 18:28

Instrument :
BNA_G
ClientSampleId :
FK-BPM-03-001-ABCD

Tgt Ion:248 Resp: 15639
Ion Ratio Lower Upper
248 100
250 191.4 77.1 115.7#
141 515.0 50.8 76.2#

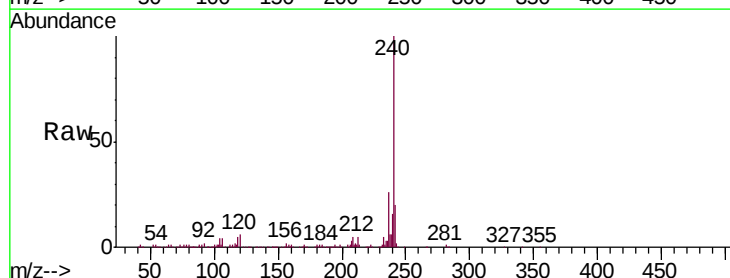


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

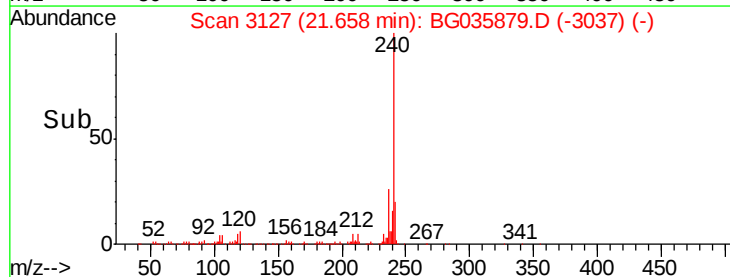
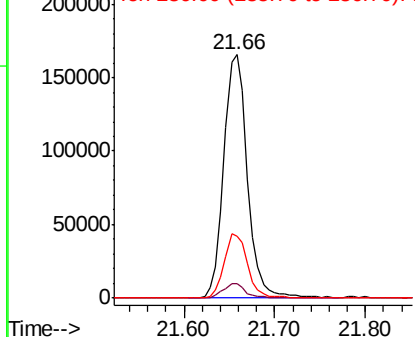


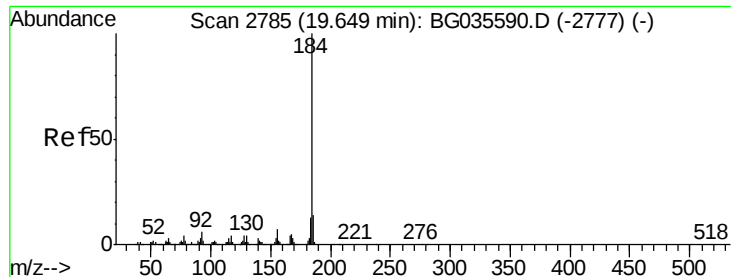
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.66 min Scan# 3127
Delta R.T. -0.00 min
Lab File: BG035879.D
Acq: 25 Jul 2018 18:28

Tgt Ion:240 Resp: 299710
Ion Ratio Lower Upper
240 100
120 5.7 6.8 10.2#
236 25.6 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





#76

Benzidine

Concen: 2.636 ng

RT: 20.00 min Scan# 2845

Delta R.T. 0.38 min

Lab File: BG035879.D

Acq: 25 Jul 2018 18:28

Instrument :

BNA_G

ClientSampleId :

FK-BPM-03-001-ABCD

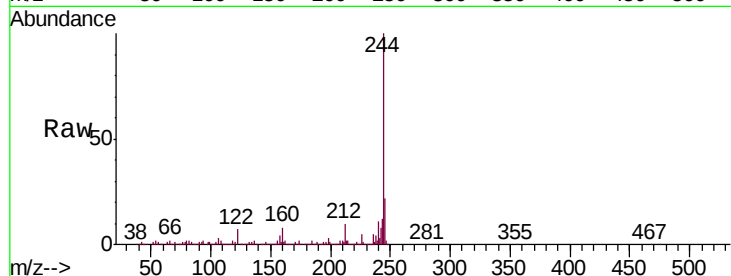
Tgt Ion:184 Resp: 20770

Ion Ratio Lower Upper

184 100

185 20.4 11.1 16.7#

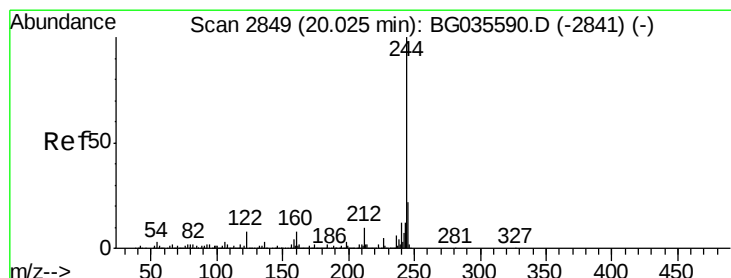
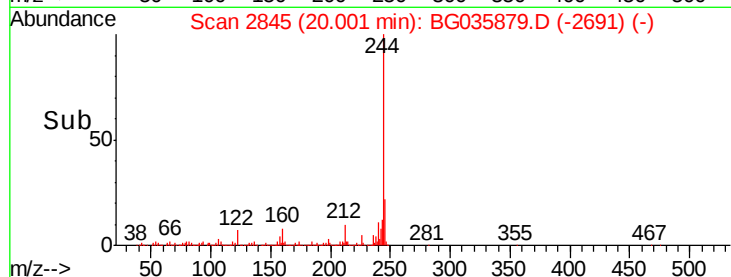
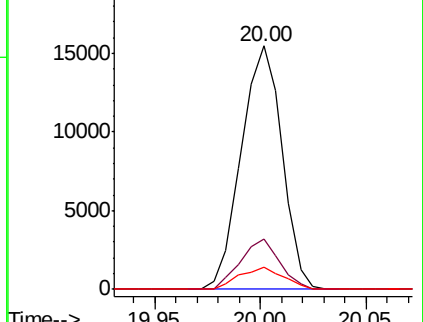
183 9.2 10.6 16.0#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 88.302 ng

RT: 20.00 min Scan# 2845

Delta R.T. -0.00 min

Lab File: BG035879.D

Acq: 25 Jul 2018 18:28

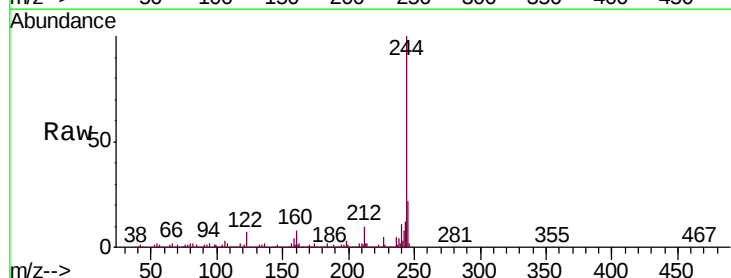
Tgt Ion:244 Resp: 1200613

Ion Ratio Lower Upper

244 100

212 9.6 5.8 8.8#

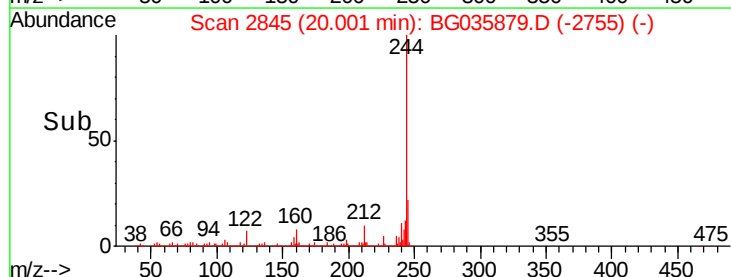
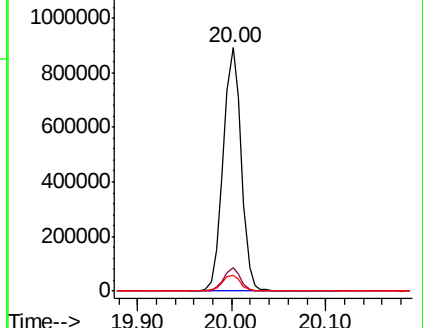
122 6.6 7.0 10.4#

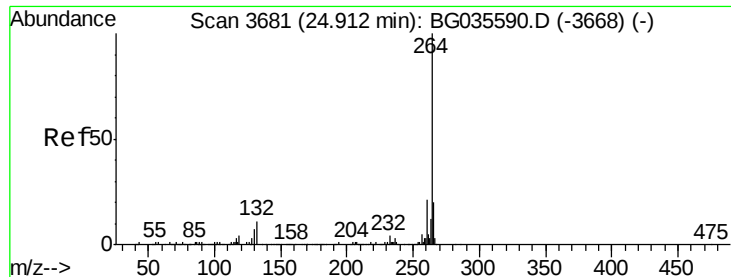


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.85 min Scan# 3671
Delta R.T. -0.01 min
Lab File: BG035879.D
Acq: 25 Jul 2018 18:28

Instrument :
BNA_G
ClientSampleId :
FK-BPM-03-001-ABCD

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	17.4	26.0
265	20.3	17.7	26.5

