

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG011519\
 Data File : BG039142.D
 Acq On : 15 Jan 2019 21:49
 Operator : JU/SJ
 Sample : K1142-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9A

Quant Time: Jan 16 01:10:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

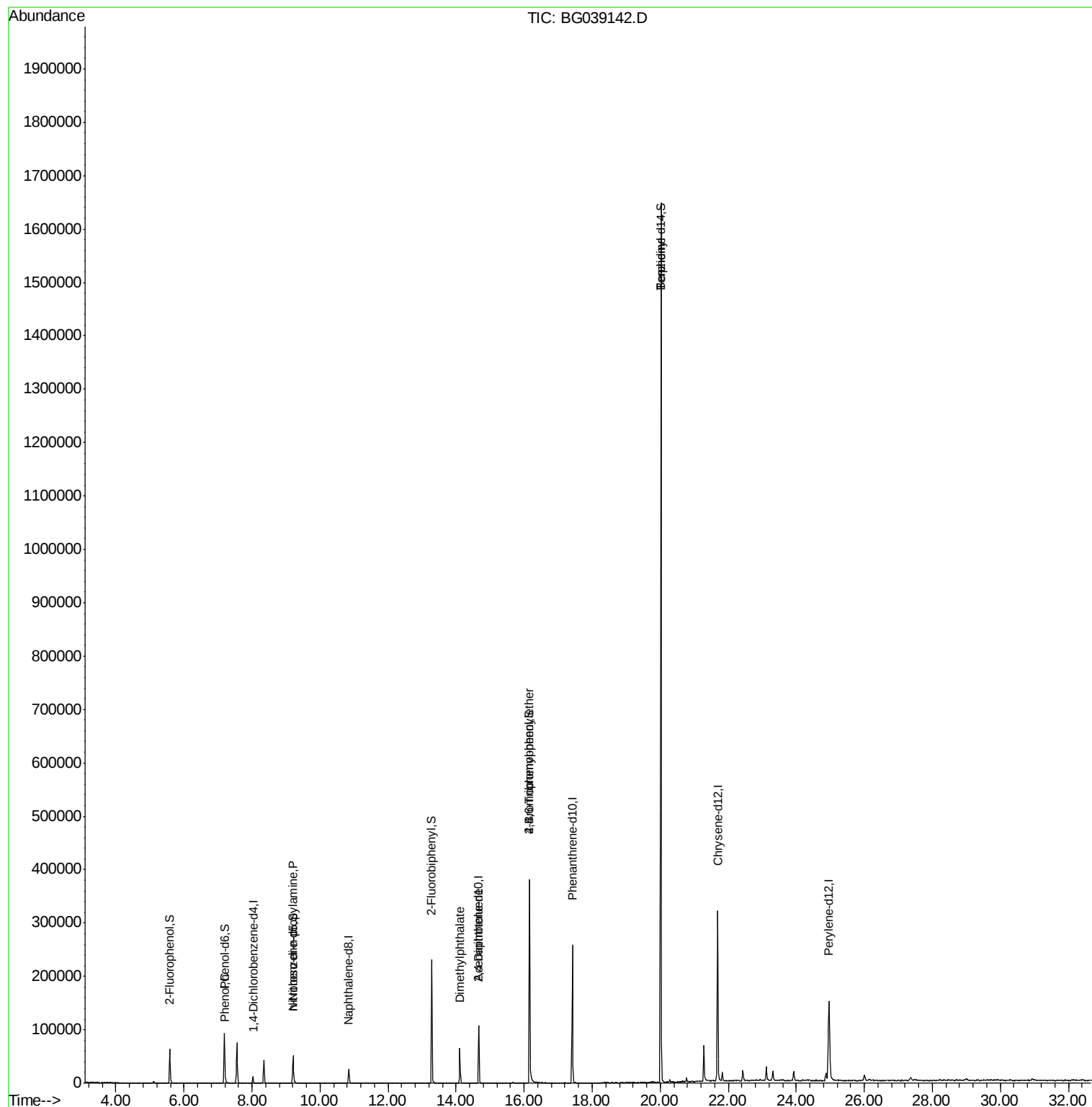
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	4455	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	27433	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	40299	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	173840	20.00	ng	0.00
76) Chrysene-d12	21.69	240	222180	20.00	ng	-0.02
87) Perylene-d12	24.96	264	206414	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	35526	151.27	ng	0.00
7) Phenol-d6	7.19	99	62613	185.26	ng	0.00
23) Nitrobenzene-d5	9.21	82	35396	70.60	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	95932	142.01	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	137793	46.79	ng	0.00
79) Terphenyl-d14	20.02	244	882371	73.47	ng	0.00
Target Compounds						
10) Phenol	7.21	94	1009	2.978	ng	# 60
19) n-Nitroso-di-n-propylamine	9.21	70	4712	21.231	ng	# 67
50) Dimethylphthalate	14.11	163	51410	15.096	ng	100
57) 2,4-Dinitrotoluene	14.67	165	4732	4.332	ng	# 26
67) 4-Bromophenyl-phenylether	16.15	248	6112	2.735	ng	# 1
77) Benzidine	20.02	184	13695	2.015	ng	95

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

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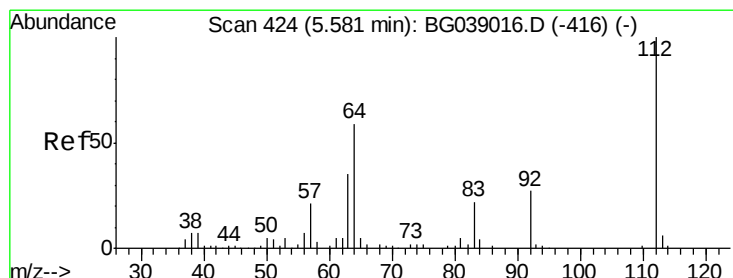
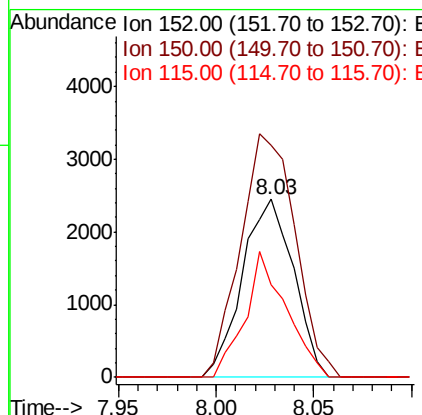
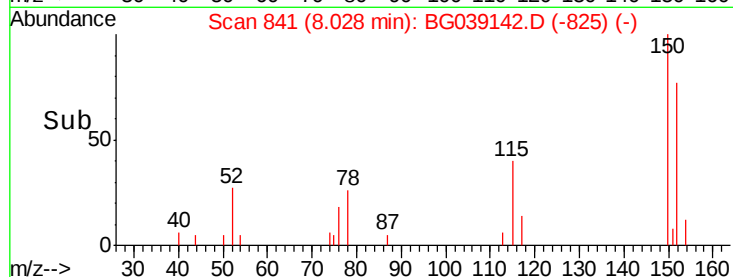
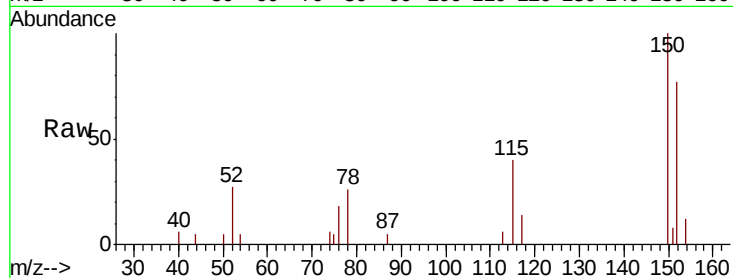


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG039142.D
Acq: 15 Jan 2019 21:49

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9A

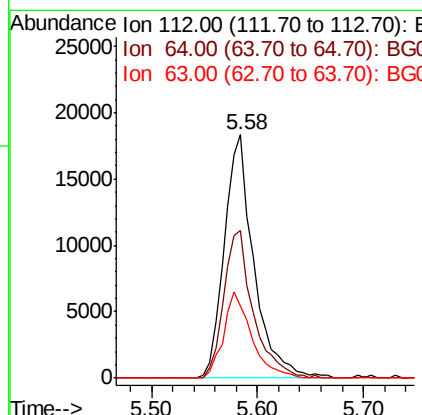
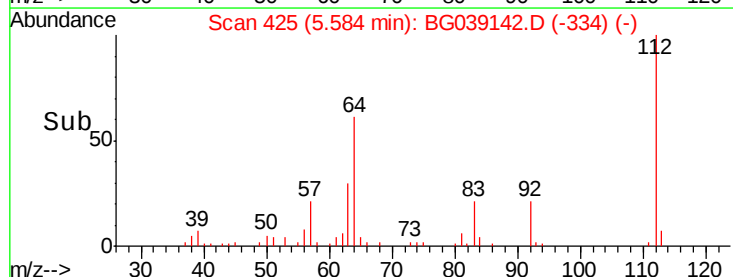
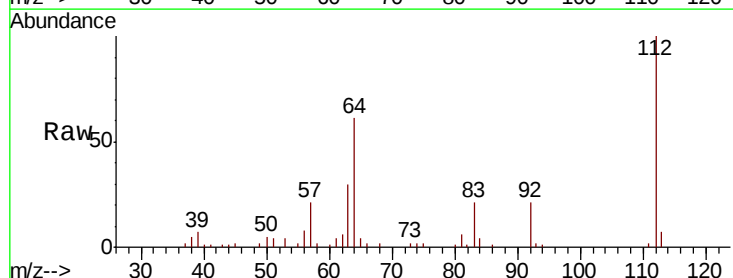
Tgt Ion:152 Resp: 4455
Ion Ratio Lower Upper
152 100
150 130.3 124.7 187.1
115 52.1 46.5 69.7

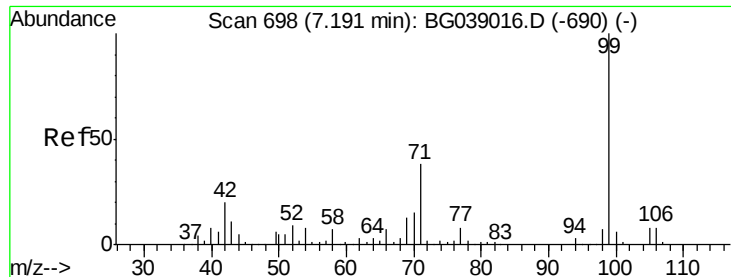


#5

2-Fluorophenol
Concen: 151.273 ng
RT: 5.58 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG039142.D
Acq: 15 Jan 2019 21:49

Tgt Ion:112 Resp: 35526
Ion Ratio Lower Upper
112 100
64 60.7 47.0 70.6
63 29.8 28.0 42.0





#7

Phenol-d6

Concen: 185.259 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG039142.D

Acq: 15 Jan 2019 21:49

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9A

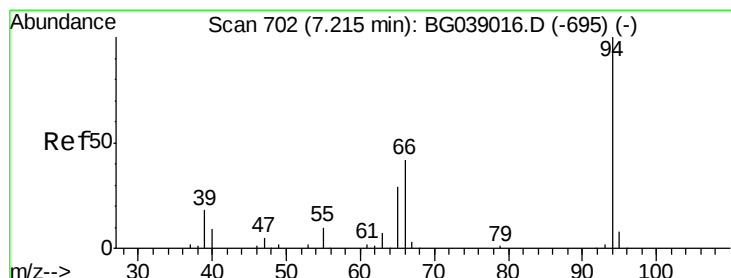
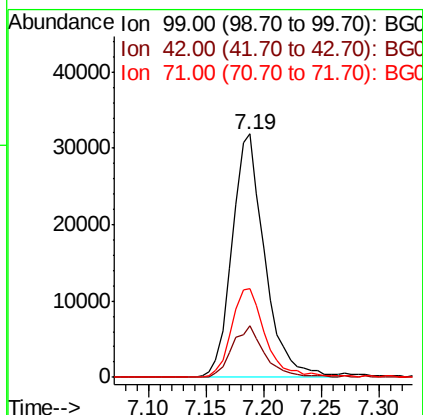
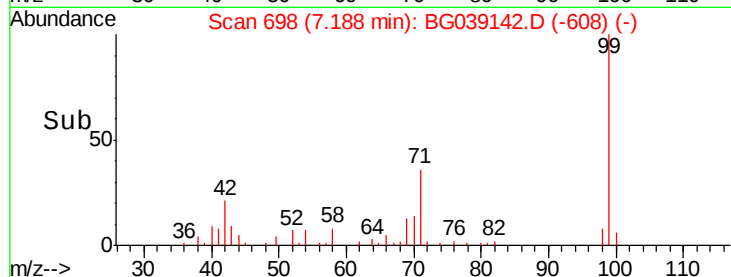
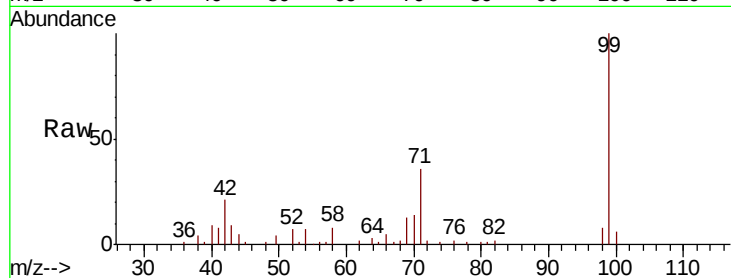
Tgt Ion: 99 Resp: 62613

Ion Ratio Lower Upper

99 100

42 20.9 15.8 23.6

71 36.4 30.2 45.4



#10

Phenol

Concen: 2.978 ng

RT: 7.21 min Scan# 702

Delta R.T. -0.00 min

Lab File: BG039142.D

Acq: 15 Jan 2019 21:49

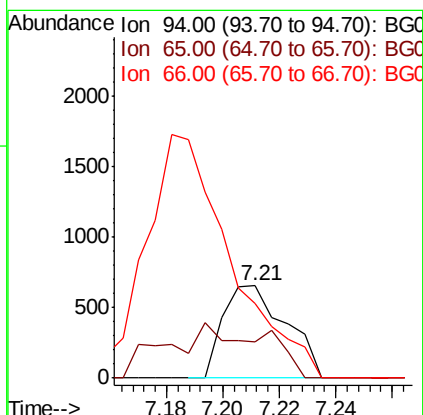
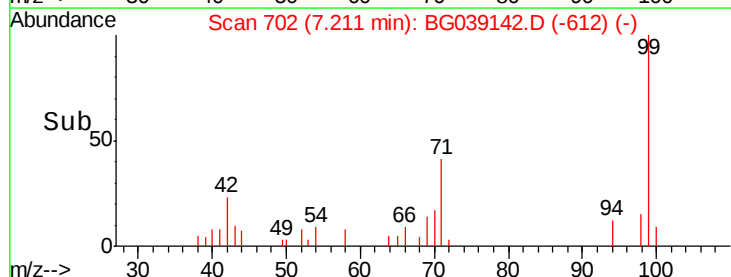
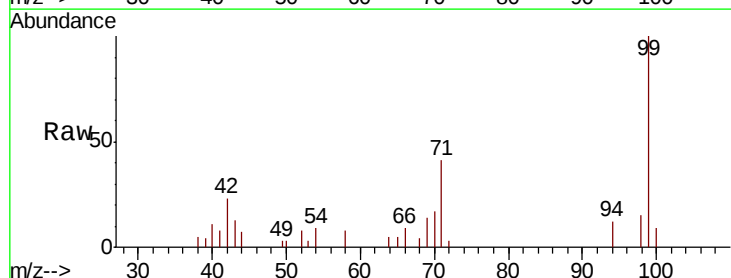
Tgt Ion: 94 Resp: 1009

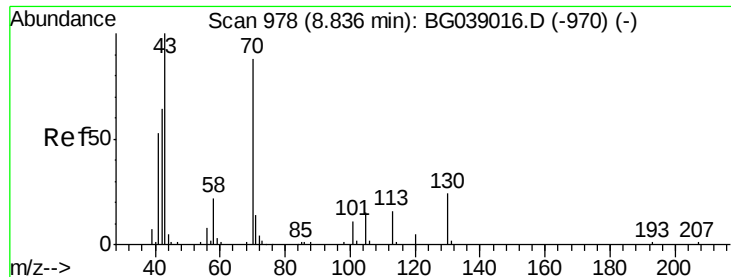
Ion Ratio Lower Upper

94 100

65 39.4 10.3 50.3

66 81.3 25.1 65.1#

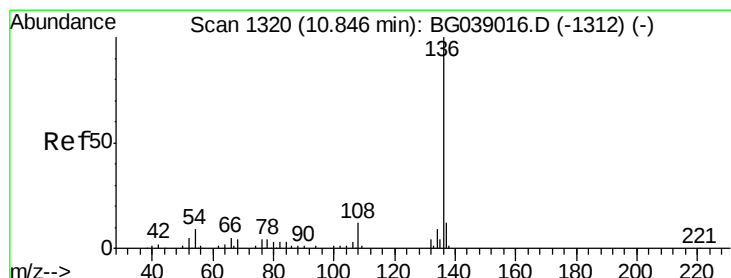
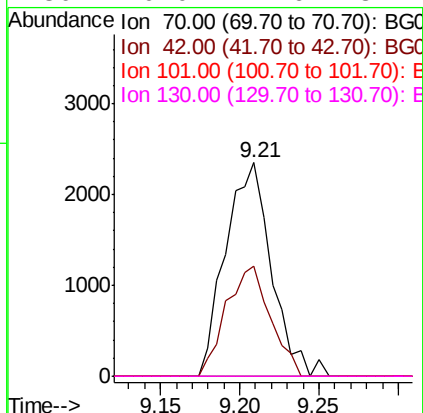
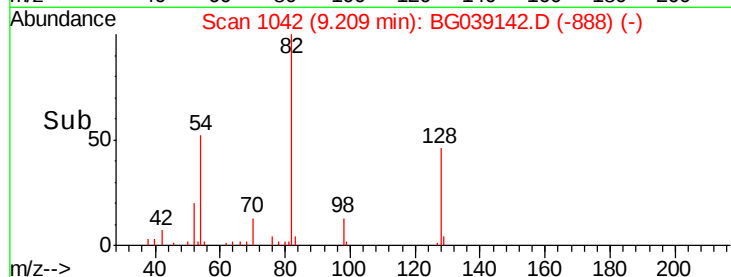
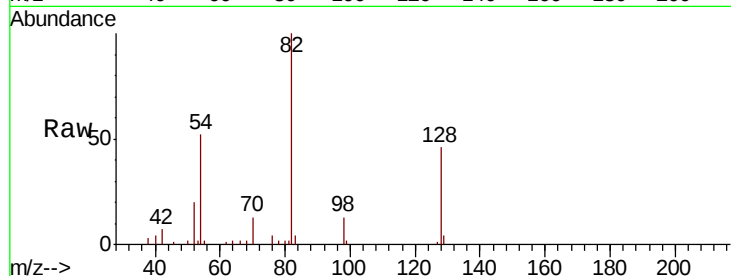




#19
n-Nitroso-di-n-propylamine
Concen: 21.231 ng
RT: 9.21 min Scan# 1042
Delta R.T. 0.37 min
Lab File: BG039142.D
Acq: 15 Jan 2019 21:49

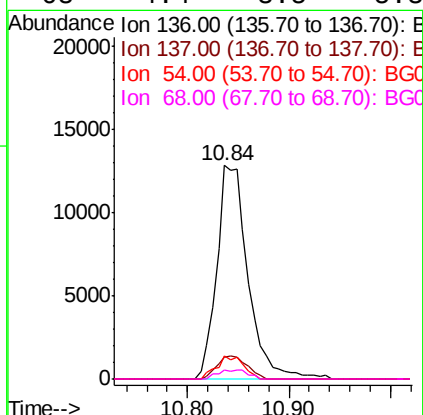
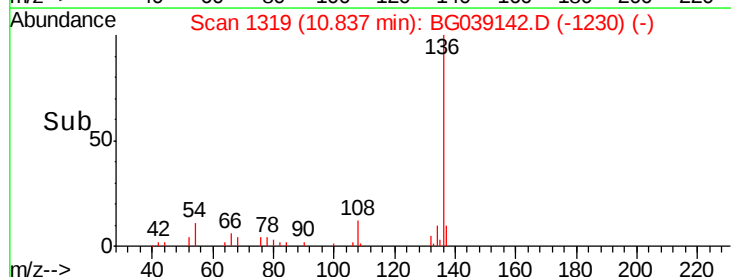
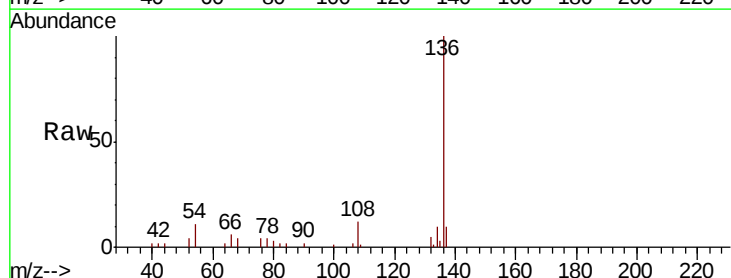
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9A

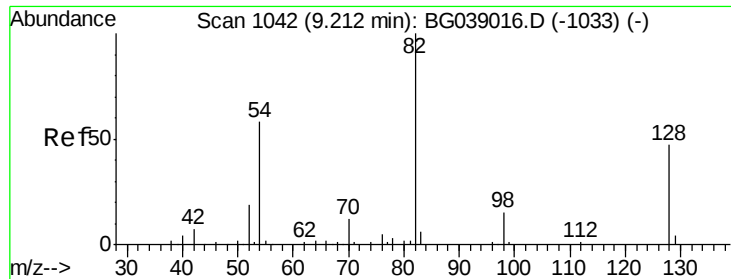
Tgt Ion: 70 Resp: 4712
Ion Ratio Lower Upper
70 100
42 51.8 59.0 88.4#
101 0.0 10.4 15.6#
130 0.0 21.6 32.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BG039142.D
Acq: 15 Jan 2019 21:49

Tgt Ion: 136 Resp: 27433
Ion Ratio Lower Upper
136 100
137 10.2 9.4 14.2
54 10.7 7.2 10.8
68 4.4 3.5 5.3

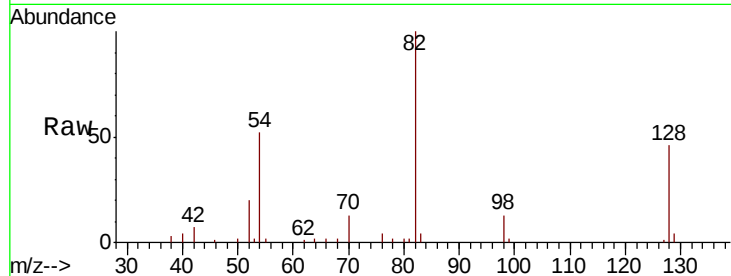




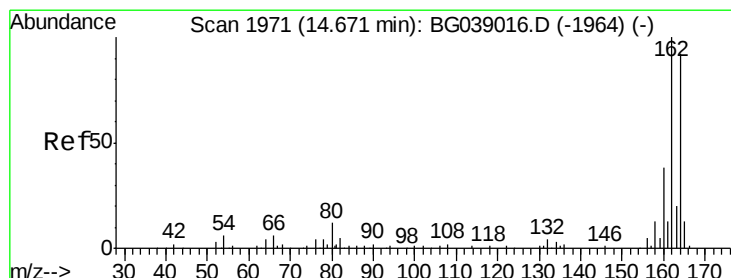
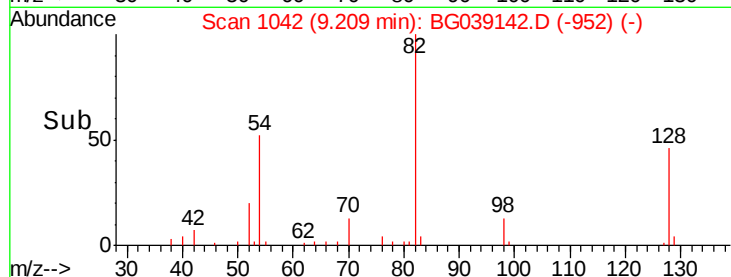
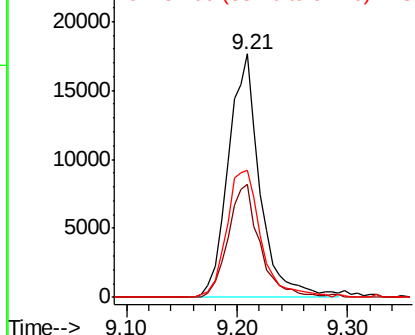
#23
Nitrobenzene-d5
Concen: 70.603 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.00 min
Lab File: BG039142.D
Acq: 15 Jan 2019 21:49

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9A

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.3	55.9
54	52.3	46.4	69.6

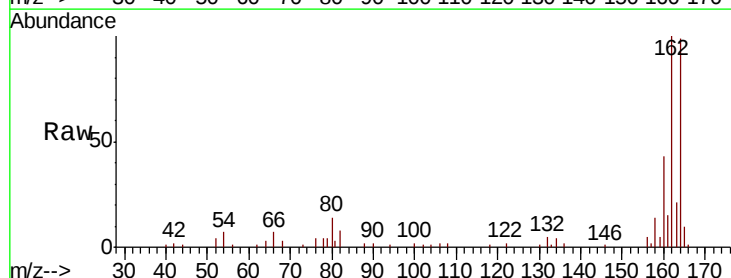


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

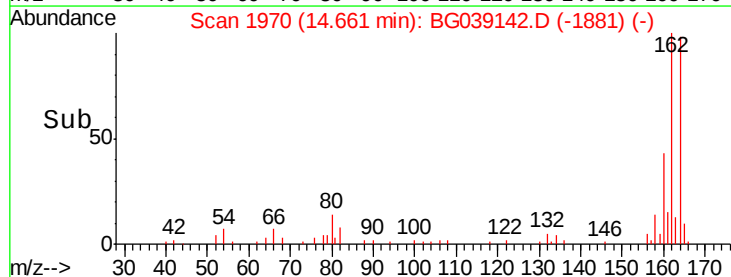
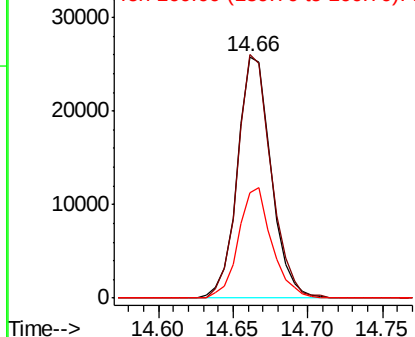


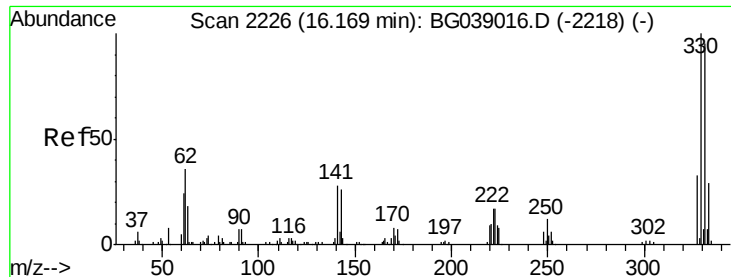
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG039142.D
Acq: 15 Jan 2019 21:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	87.2	130.8
160	43.7	33.3	49.9



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

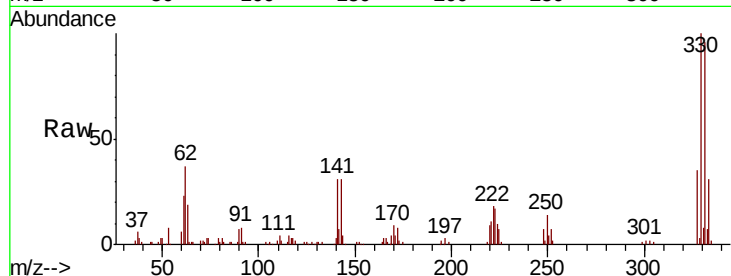




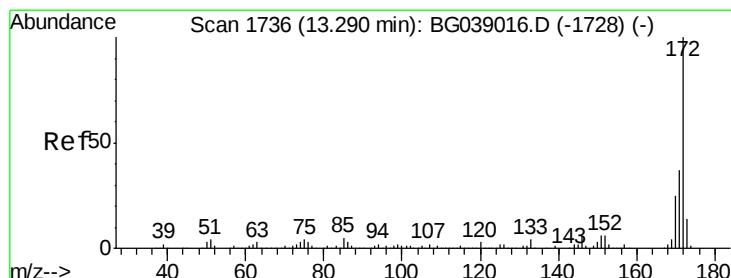
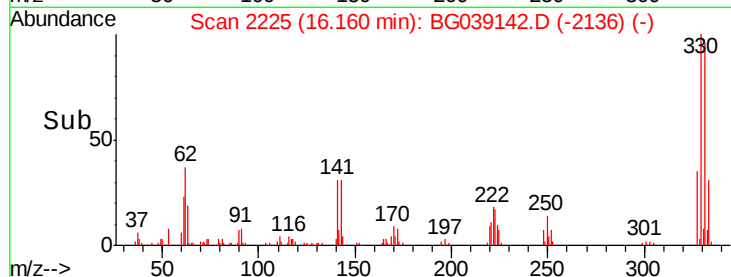
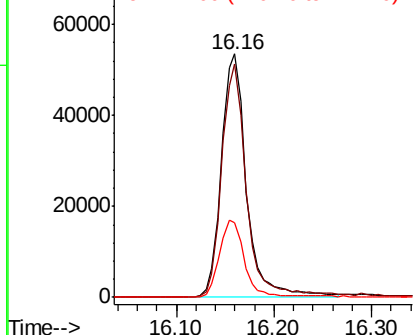
#42
 2,4,6-Tribromophenol
 Concen: 142.012 ng
 RT: 16.16 min Scan# 2225
 Delta R.T. -0.01 min
 Lab File: BG039142.D
 Acq: 15 Jan 2019 21:49

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-D9-E9-D9A-E9A

Tgt Ion:330 Resp: 95932
 Ion Ratio Lower Upper
 330 100
 332 95.3 75.7 113.5
 141 32.3 24.9 37.3

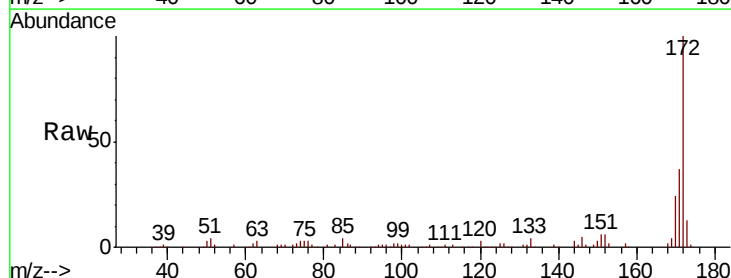


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

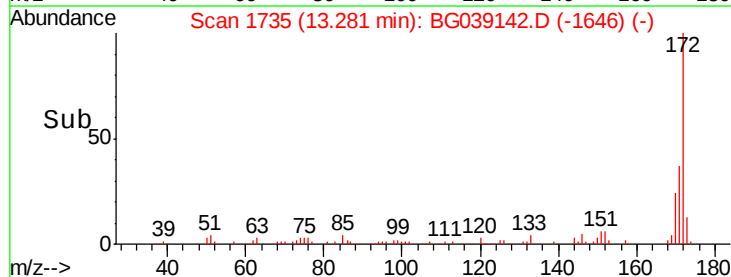
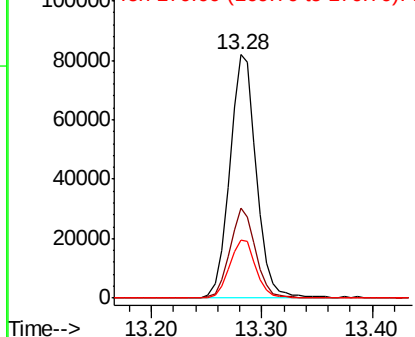


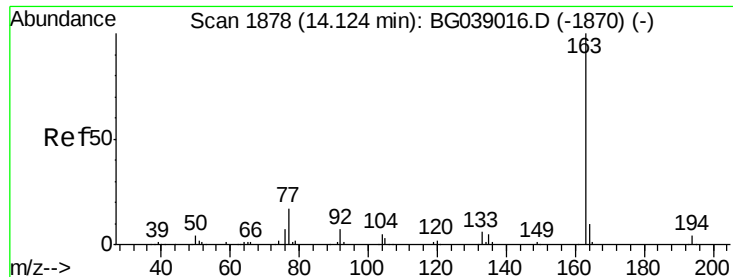
#45
 2-Fluorobiphenyl
 Concen: 46.795 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG039142.D
 Acq: 15 Jan 2019 21:49

Tgt Ion:172 Resp: 137793
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.0 20.1 30.1



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





#50

Dimethylphthalate

Concen: 15.096 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.02 min

Lab File: BG039142.D

Acq: 15 Jan 2019 21:49

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9A

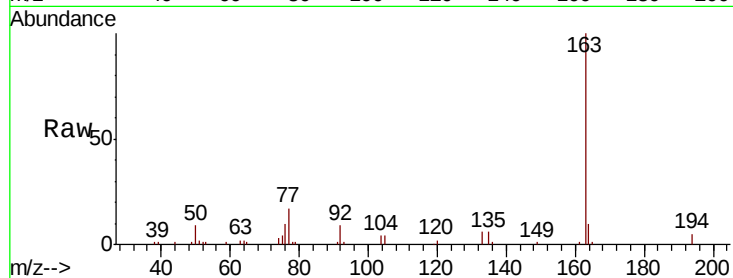
Tgt Ion:163 Resp: 51410

Ion Ratio Lower Upper

163 100

194 4.8 3.6 5.4

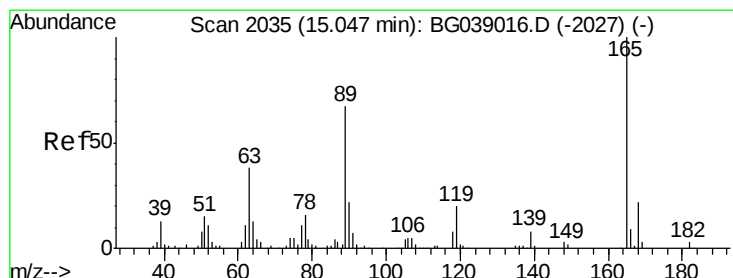
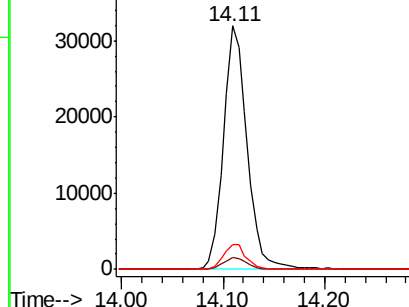
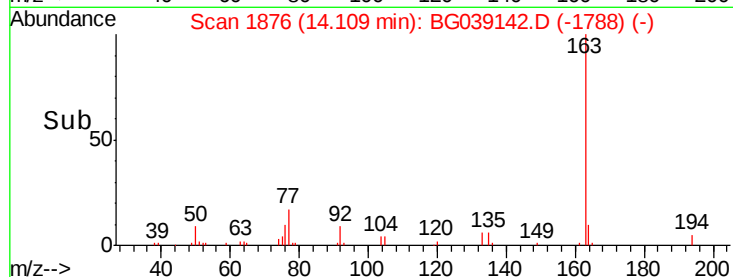
164 10.2 8.2 12.2



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



#57

2,4-Dinitrotoluene

Concen: 4.332 ng

RT: 14.67 min Scan# 1971

Delta R.T. -0.38 min

Lab File: BG039142.D

Acq: 15 Jan 2019 21:49

Tgt Ion:165 Resp: 4732

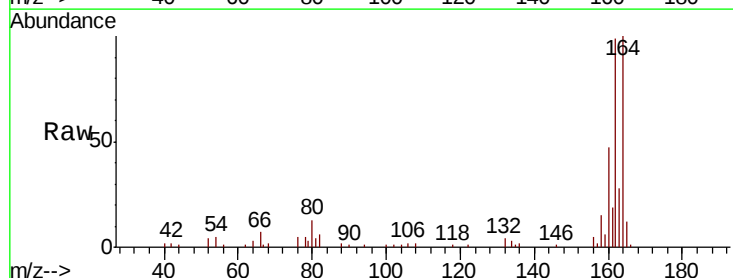
Ion Ratio Lower Upper

165 100

63 0.0 30.2 45.4#

89 0.0 53.2 79.8#

182 0.0 2.7 4.1#

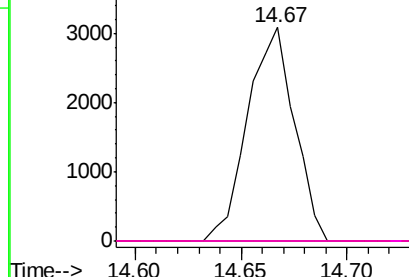
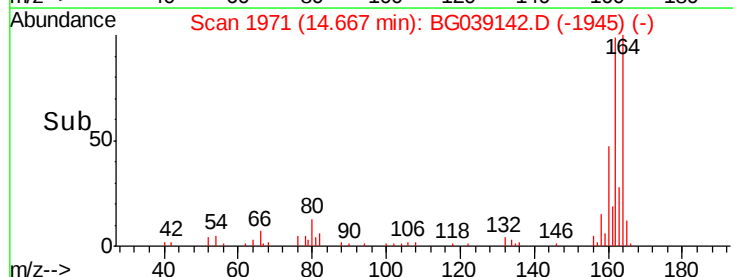


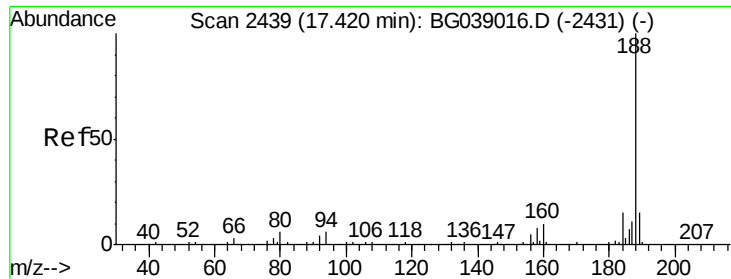
Abundance Ion 165.00 (164.70 to 165.70): E

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2439

Delta R.T. -0.00 min

Lab File: BG039142.D

Acq: 15 Jan 2019 21:49

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9A

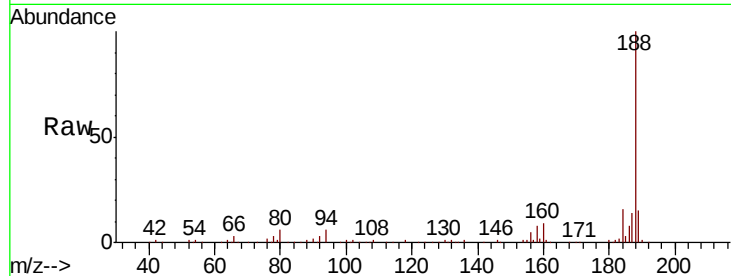
Tgt Ion:188 Resp: 173840

Ion Ratio Lower Upper

188 100

94 6.0 5.0 7.4

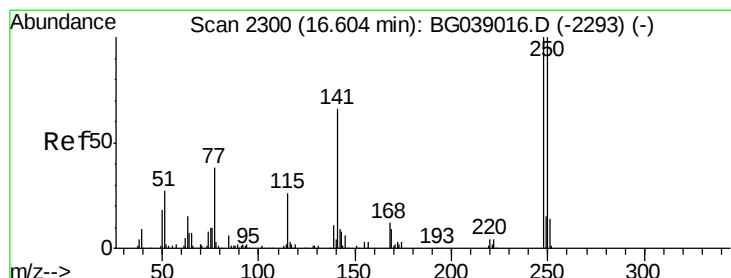
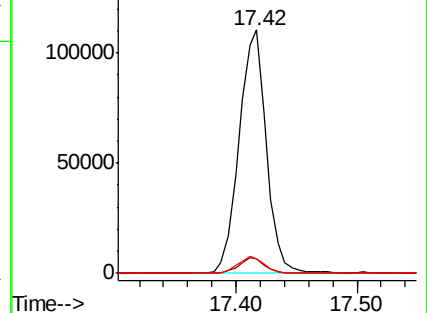
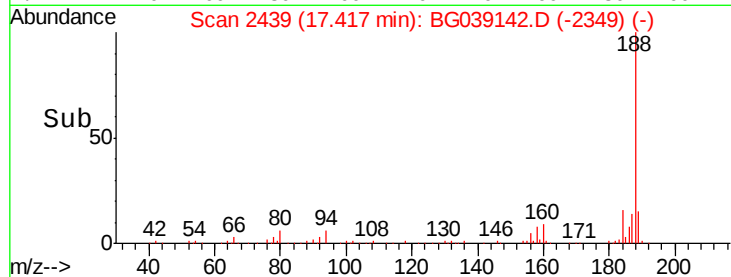
80 6.0 4.7 7.1



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



#67

4-Bromophenyl-phenylether

Concen: 2.735 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.45 min

Lab File: BG039142.D

Acq: 15 Jan 2019 21:49

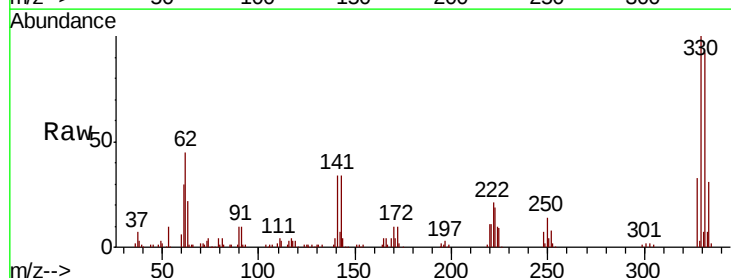
Tgt Ion:248 Resp: 6112

Ion Ratio Lower Upper

248 100

250 191.1 79.9 119.9#

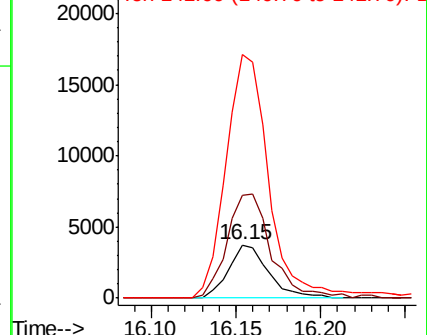
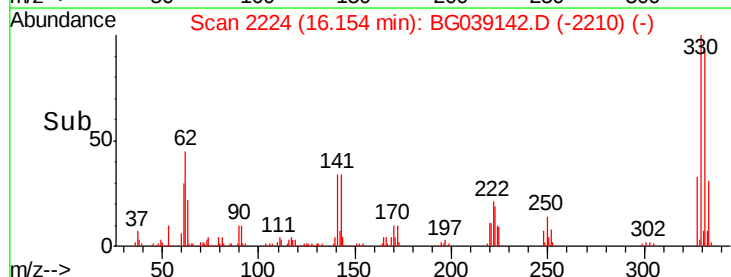
141 355.1 52.7 79.1#

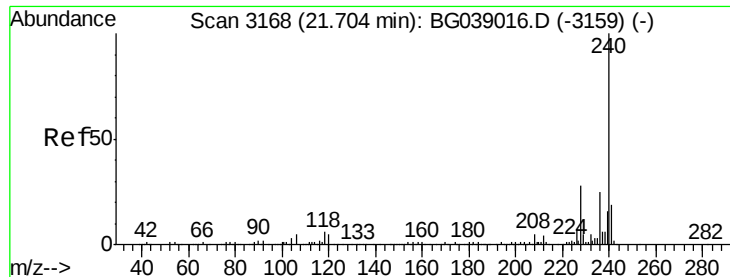


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

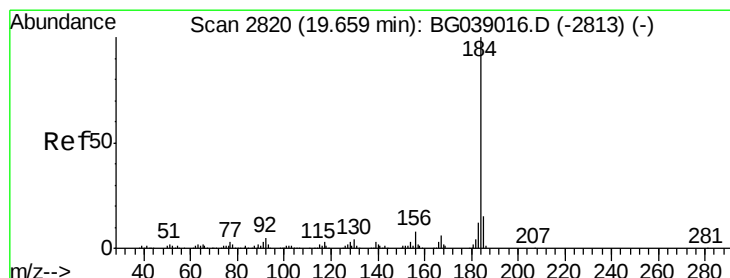
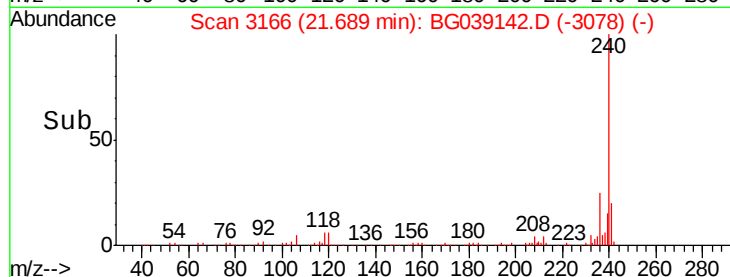
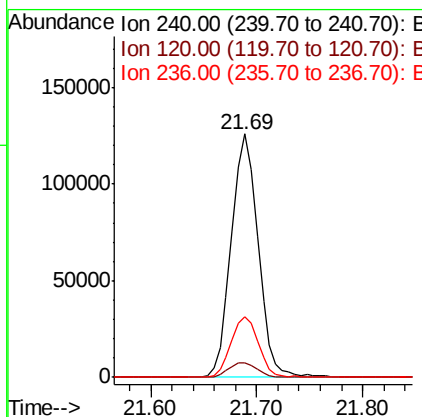
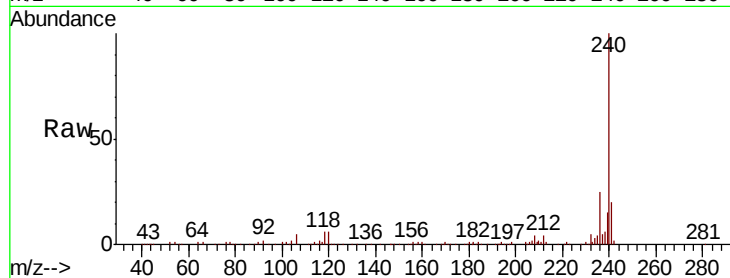




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.69 min Scan# 3166
Delta R.T. -0.02 min
Lab File: BG039142.D
Acq: 15 Jan 2019 21:49

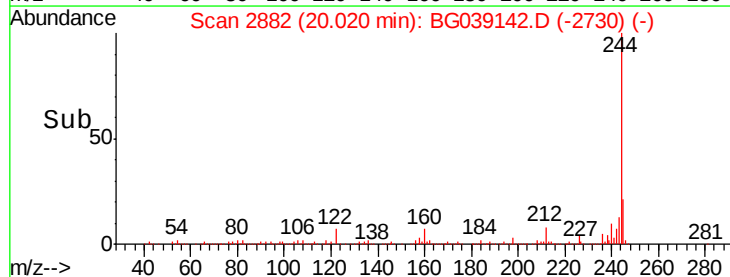
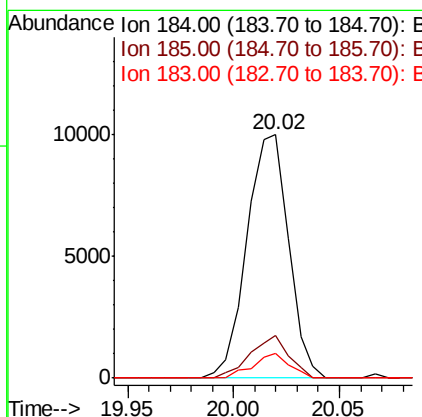
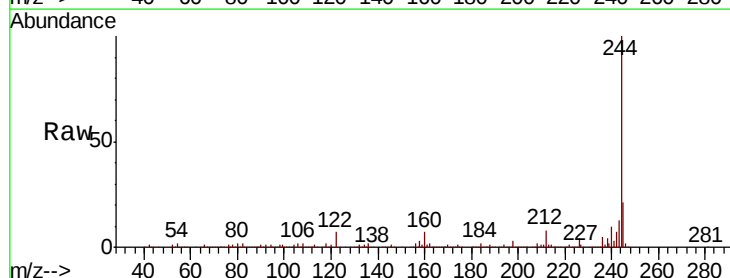
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-D9-E9-D9A-E9A

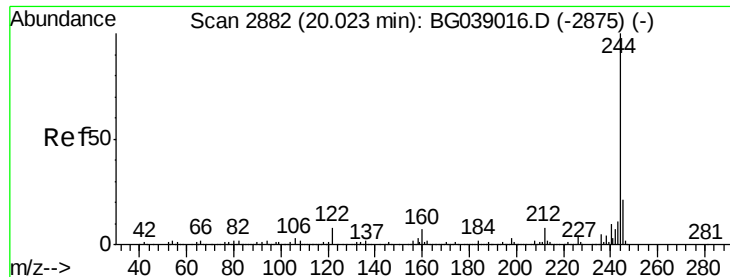
Tgt Ion:240 Resp: 222180
Ion Ratio Lower Upper
240 100
120 5.8 4.3 6.5
236 25.1 20.1 30.1



#77
Benzidine
Concen: 2.015 ng
RT: 20.02 min Scan# 2882
Delta R.T. 0.36 min
Lab File: BG039142.D
Acq: 15 Jan 2019 21:49

Tgt Ion:184 Resp: 13695
Ion Ratio Lower Upper
184 100
185 17.6 12.1 18.1
183 10.3 9.5 14.3





#79

Terphenyl-d14

Concen: 73.467 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG039142.D

Acq: 15 Jan 2019 21:49

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-D9-E9-D9A-E9A

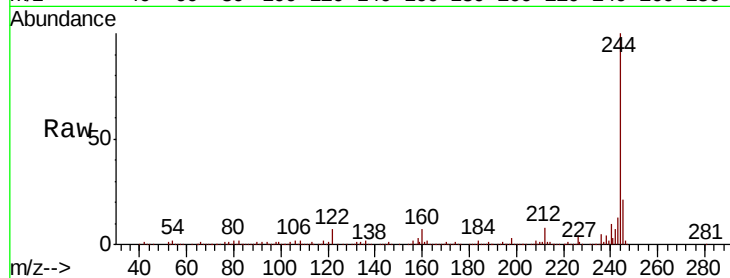
Tgt Ion:244 Resp: 882371

Ion Ratio Lower Upper

244 100

212 7.7 6.1 9.1

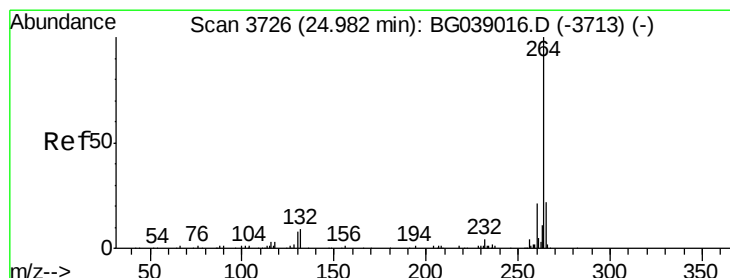
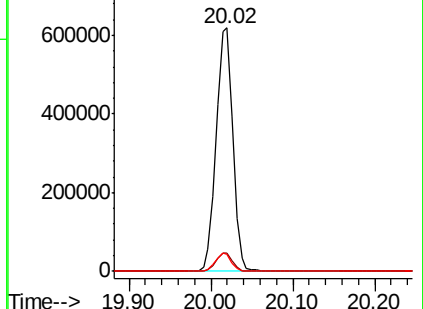
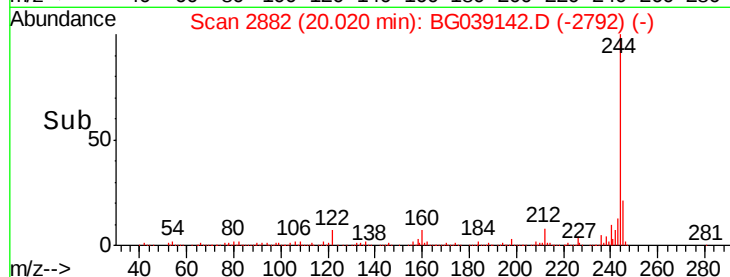
122 7.1 6.1 9.1



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.96 min Scan# 3723

Delta R.T. -0.02 min

Lab File: BG039142.D

Acq: 15 Jan 2019 21:49

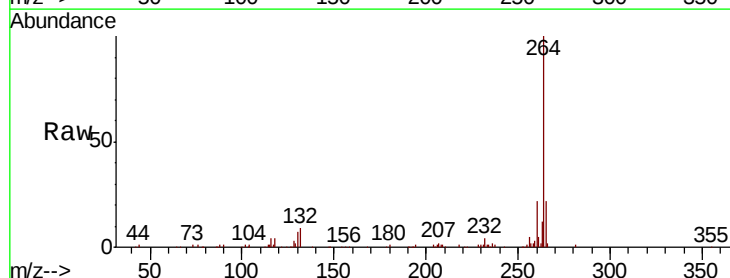
Tgt Ion:264 Resp: 206414

Ion Ratio Lower Upper

264 100

260 21.8 17.0 25.6

265 22.0 17.2 25.8



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

