

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF011419\
 Data File : BF112055.D
 Acq On : 14 Jan 2019 17:19
 Operator : JU/SJ
 Sample : K1135-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPGP-5

Quant Time: Jan 14 21:05:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 11 21:37:26 2019
 Response via : Initial Calibration

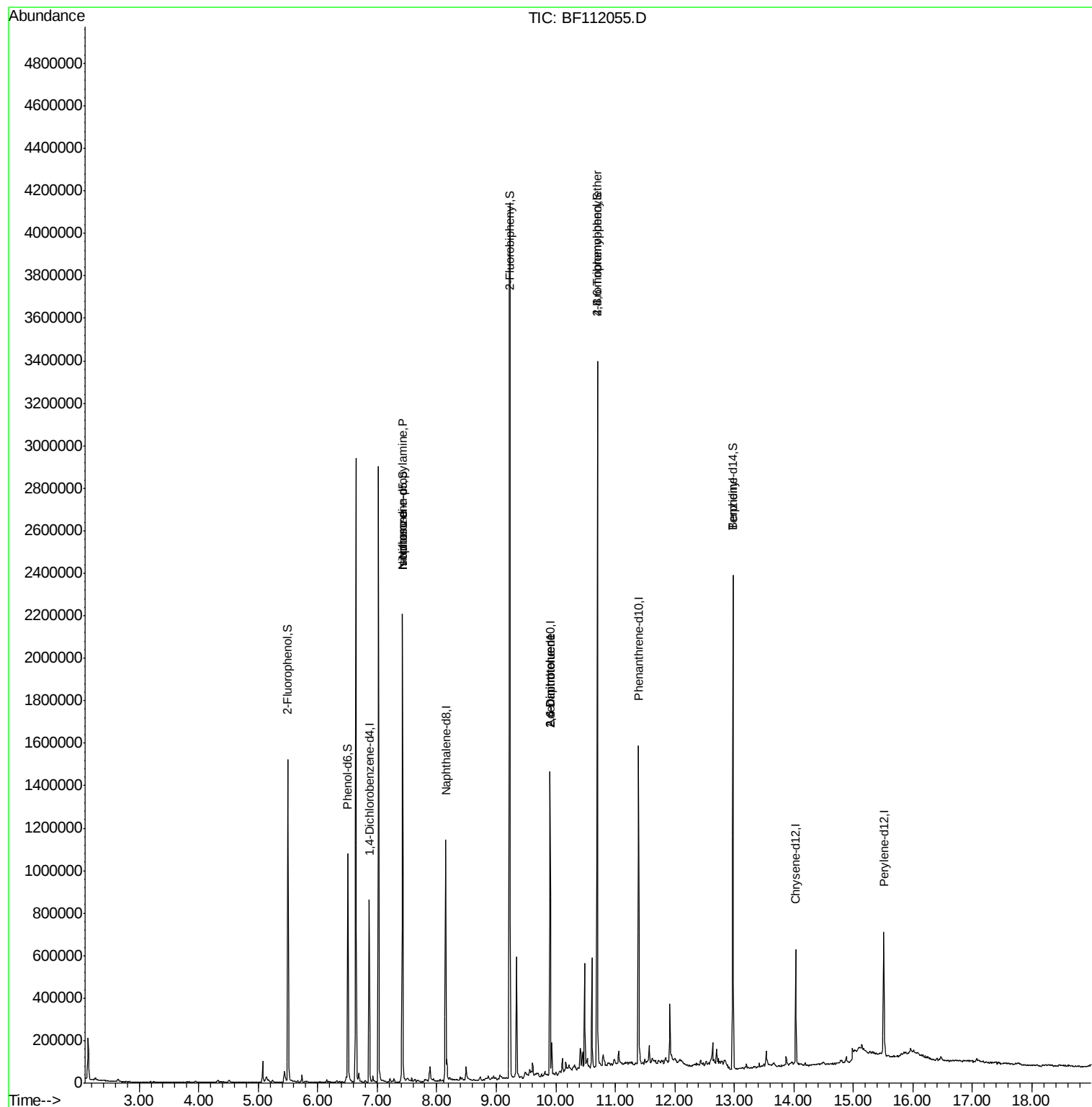
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	132271	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	499829	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	254664	20.00	ng	-0.01
64) Phenanthrene-d10	11.39	188	503381	20.00	ng	0.00
76) Chrysene-d12	14.03	240	177622	20.00	ng	-0.01
87) Perylene-d12	15.51	264	270876	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	394545	51.03	ng	0.00
7) Phenol-d6	6.51	99	352335	35.36	ng	0.00
23) Nitrobenzene-d5	7.43	82	678973	72.60	ng	-0.01
42) 2,4,6-Tribromophenol	10.70	330	421412	127.22	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1311860	75.12	ng	0.00
79) Terphenyl-d14	12.98	244	850486	90.89	ng	0.00
Target Compounds						
9) Benzaldehyde	6.41	77	1173	Below Cal		Qvalue # 54
19) n-Nitroso-di-n-propylamine	7.43	70	93084	14.377 ng	#	75
25) Isophorone	7.43	82	678967	44.834 ng	#	65
51) 2,6-Dinitrotoluene	9.90	165	32326	7.556 ng	#	26
57) 2,4-Dinitrotoluene	9.90	165	32326	5.848 ng	#	27
67) 4-Bromophenyl-phenylether	10.70	248	24805	3.804 ng	#	1
77) Benzydine	12.97	184	10921	2.058 ng		97

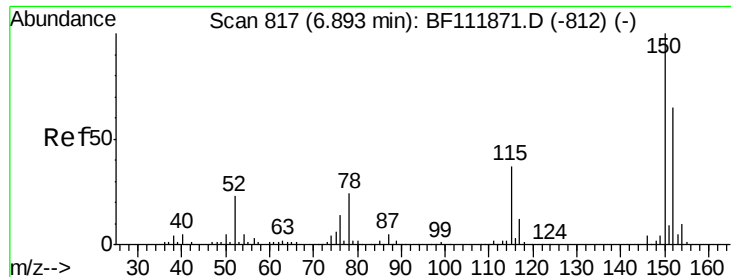
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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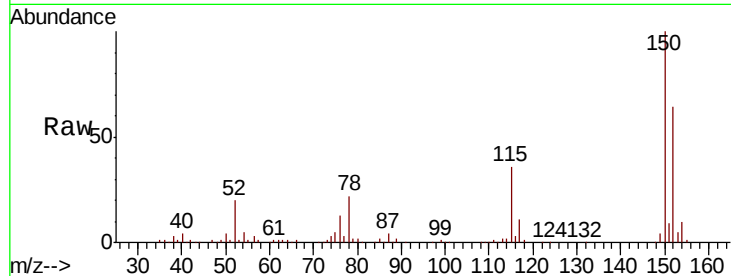


#1

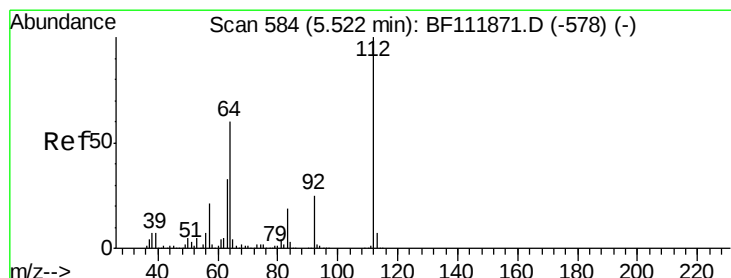
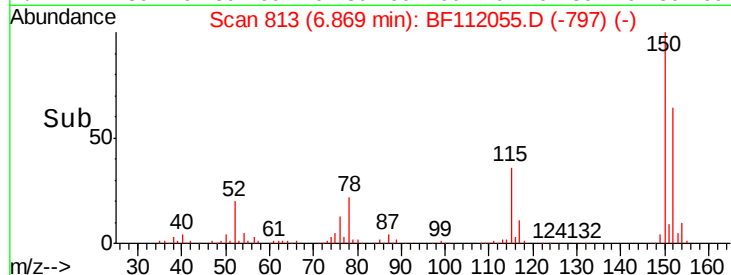
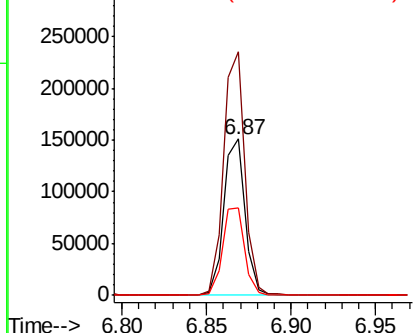
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF112055.D
Acq: 14 Jan 2019 17:19

Instrument :
BNA_F
ClientSampleId :
CPGP-5

Tgt Ion:152 Resp: 132271
Ion Ratio Lower Upper
152 100
150 156.0 122.7 184.1
115 56.3 45.2 67.8



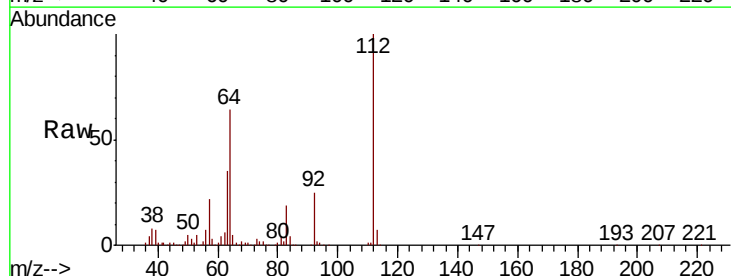
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



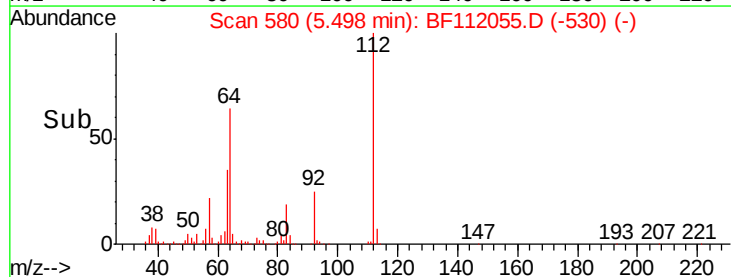
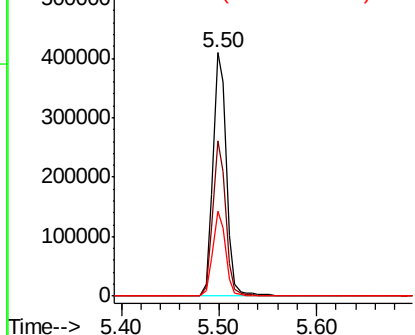
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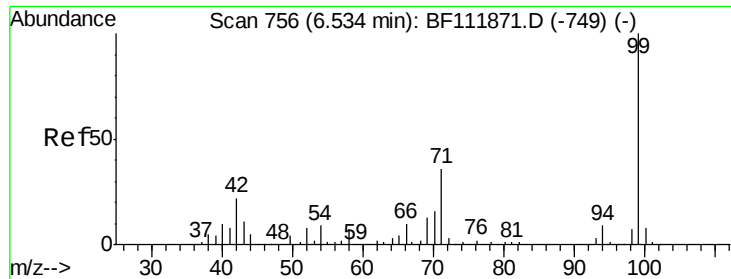
2-Fluorophenol
Concen: 51.031 ng
RT: 5.50 min Scan# 580
Delta R.T. -0.01 min
Lab File: BF112055.D
Acq: 14 Jan 2019 17:19

Tgt Ion:112 Resp: 394545
Ion Ratio Lower Upper
112 100
64 64.1 48.3 72.5
63 34.9 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 35.358 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.01 min

Lab File: BF112055.D

Acq: 14 Jan 2019 17:19

Instrument :

BNA_F

ClientSampleId :

CPGP-5

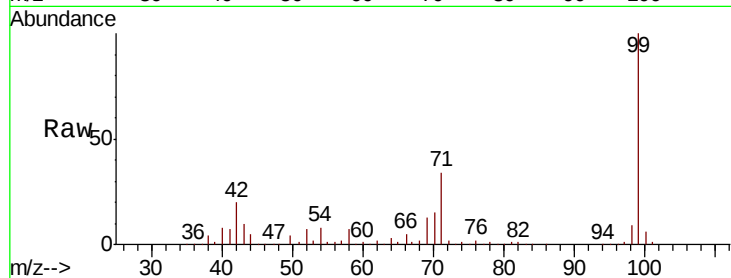
Tgt Ion: 99 Resp: 352335

Ion Ratio Lower Upper

99 100

42 19.8 17.9 26.9

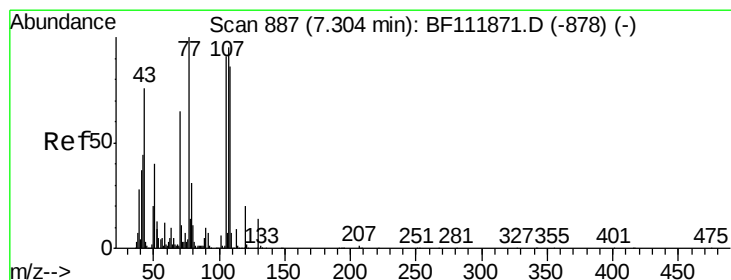
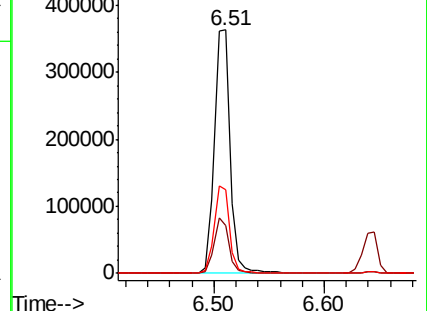
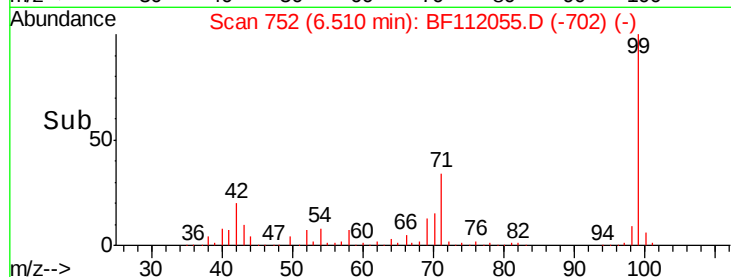
71 34.3 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 14.377 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF112055.D

Acq: 14 Jan 2019 17:19

Tgt Ion: 70 Resp: 93084

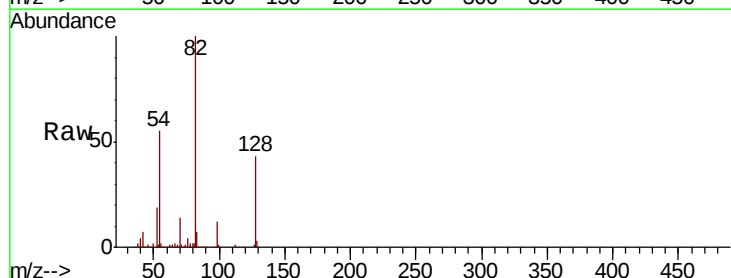
Ion Ratio Lower Upper

70 100

42 50.7 53.6 80.4#

101 0.0 7.3 10.9#

130 2.1 16.8 25.2#

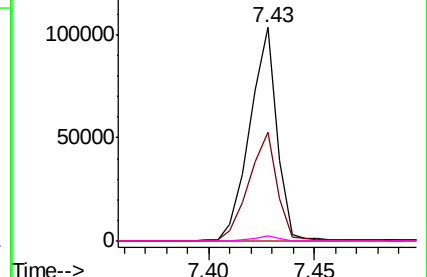
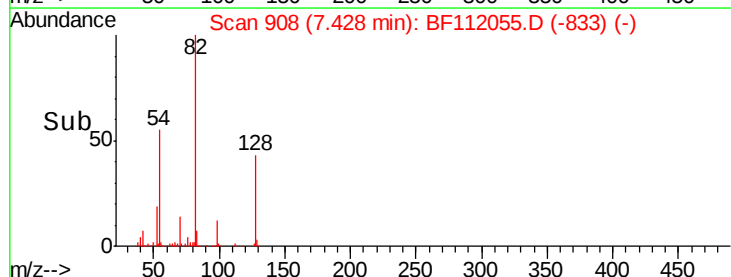


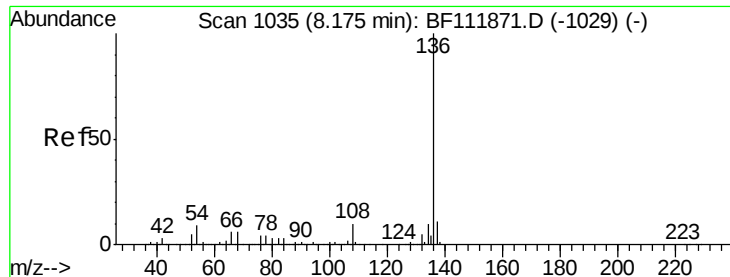
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

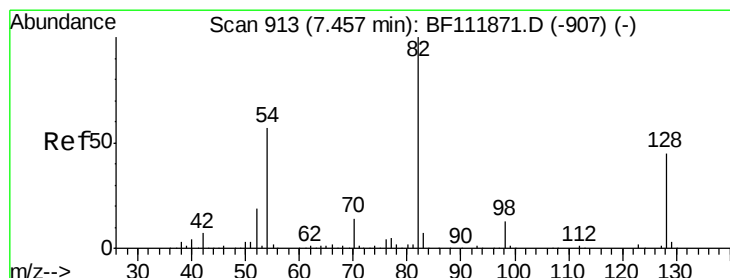
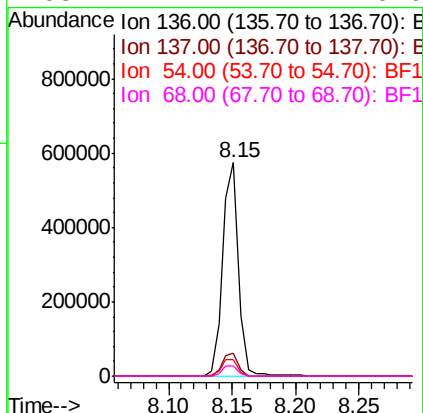
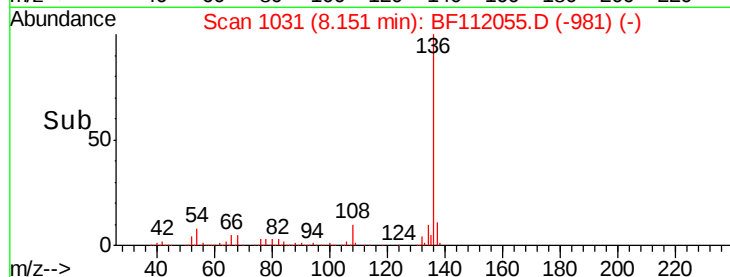
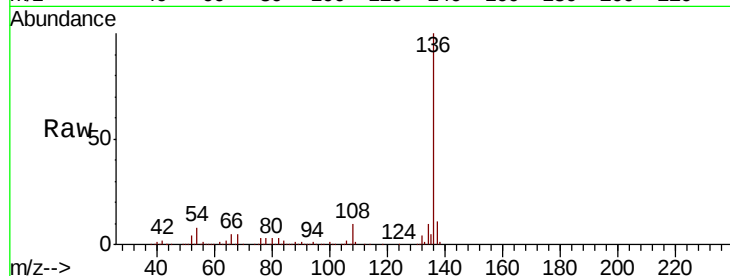




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF112055.D
Acq: 14 Jan 2019 17:19

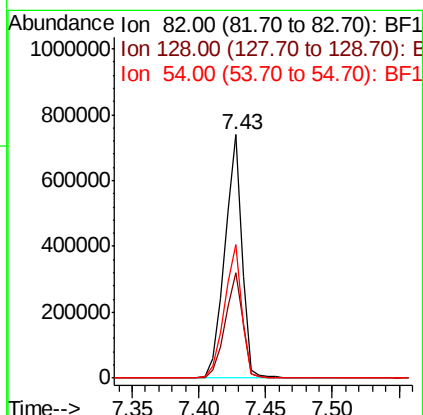
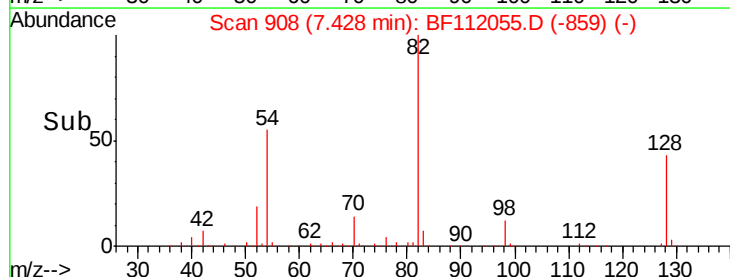
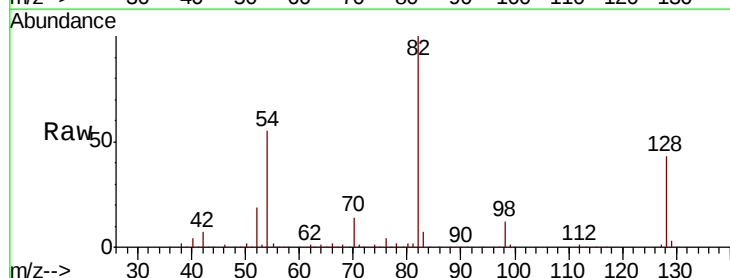
Instrument :
BNA_F
ClientSampleId :
CPGP-5

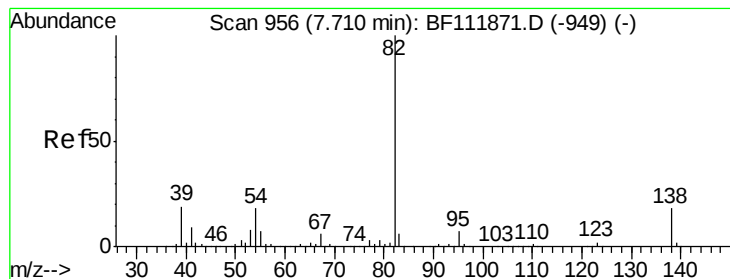
Tgt Ion:	136	Resp:	499829
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	7.8	7.2	10.8
68	4.7	4.4	6.6



#23
Nitrobenzene-d5
Concen: 72.601 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF112055.D
Acq: 14 Jan 2019 17:19

Tgt Ion:	82	Resp:	678973
Ion	Ratio	Lower	Upper
82	100		
128	43.3	35.7	53.5
54	54.7	45.8	68.8





#25

Isophorone

Concen: 44.834 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF112055.D

Acq: 14 Jan 2019 17:19

Instrument :

BNA_F

ClientSampleID :

CPGP-5

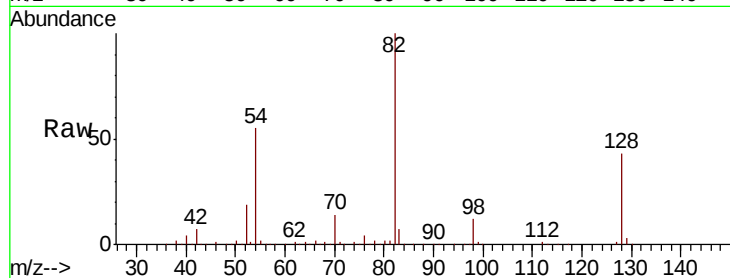
Tgt Ion: 82 Resp: 678967

Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.6#

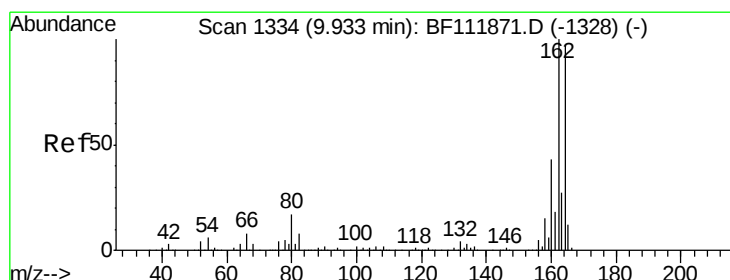
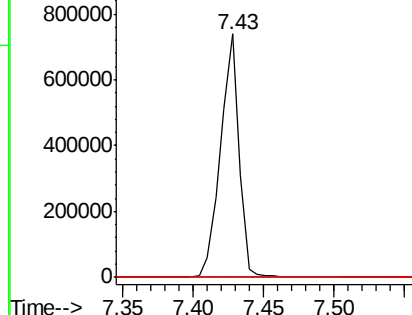
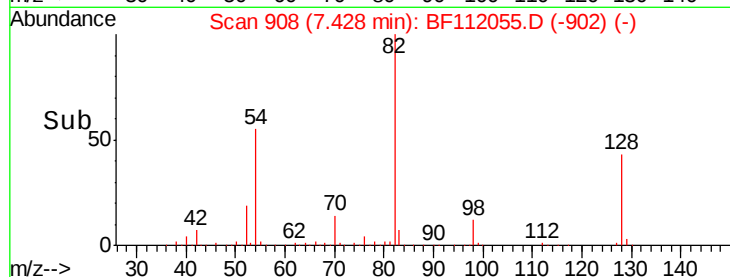
138 0.0 14.4 21.6#



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF112055.D

Acq: 14 Jan 2019 17:19

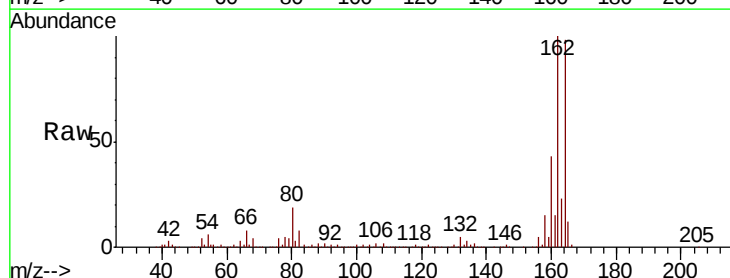
Tgt Ion: 164 Resp: 254664

Ion Ratio Lower Upper

164 100

162 101.8 82.2 123.2

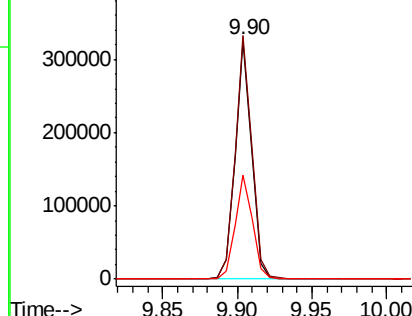
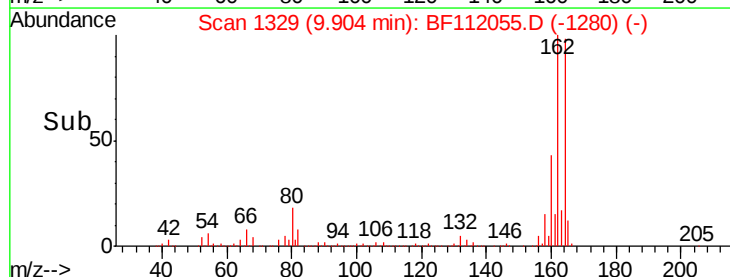
160 43.8 35.5 53.3

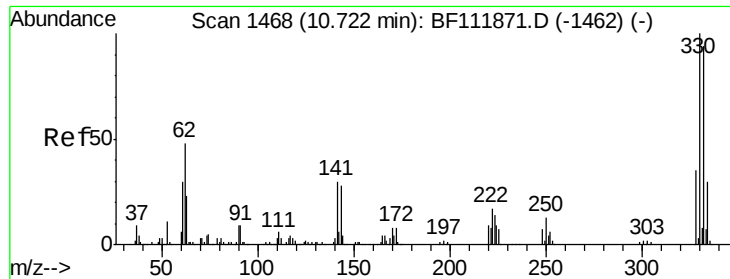


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

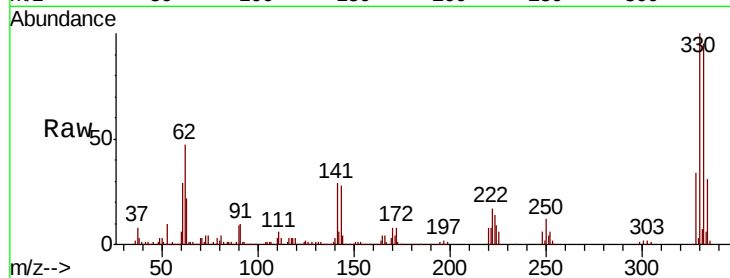




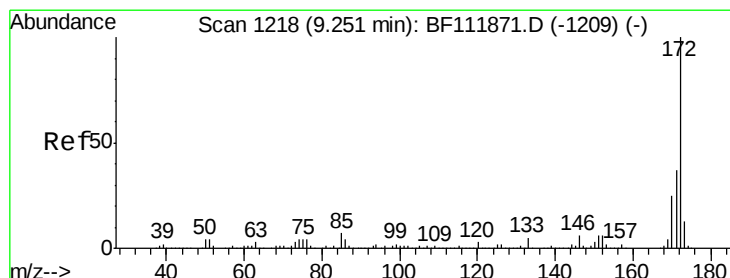
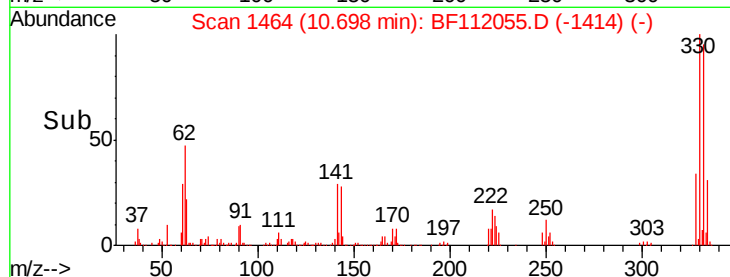
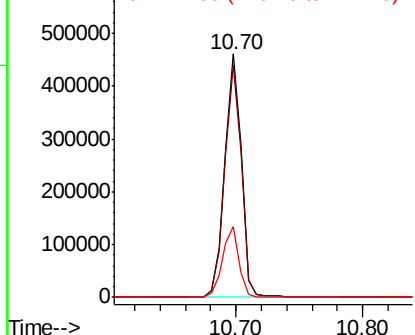
#42
 2,4,6-Tribromophenol
 Concen: 127.222 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.01 min
 Lab File: BF112055.D
 Acq: 14 Jan 2019 17:19

Instrument :
 BNA_F
 ClientSampleId :
 CPGP-5

Tgt Ion:330 Resp: 421412
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.9 115.3
 141 29.0 23.7 35.5

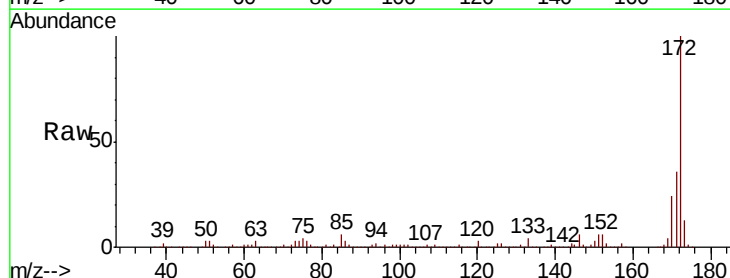


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

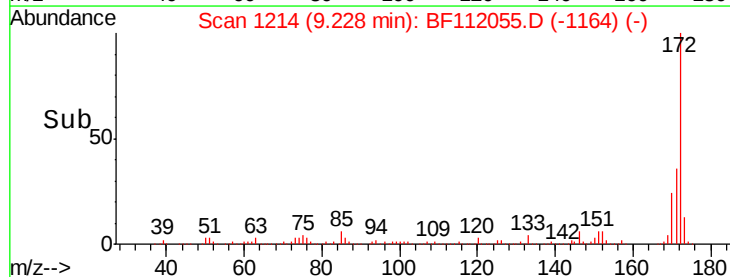
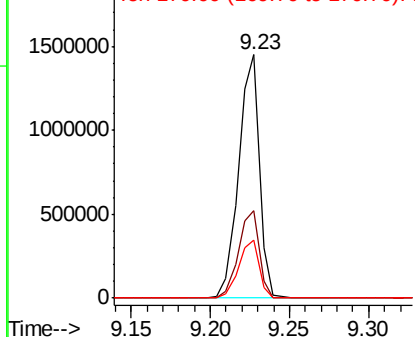


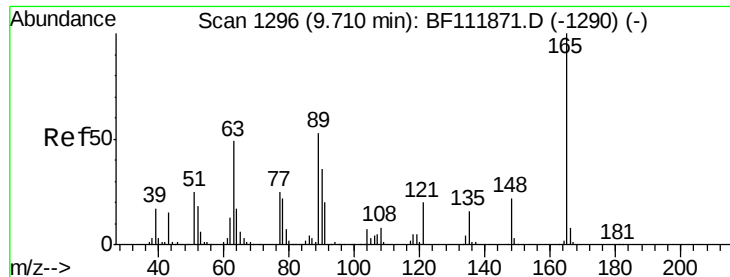
#45
 2-Fluorobiphenyl
 Concen: 75.117 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF112055.D
 Acq: 14 Jan 2019 17:19

Tgt Ion:172 Resp: 1311860
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.7 19.8 29.8



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

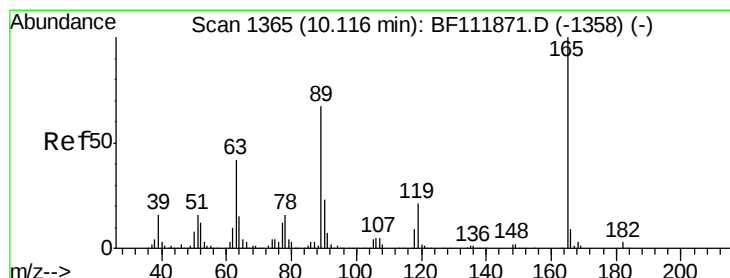
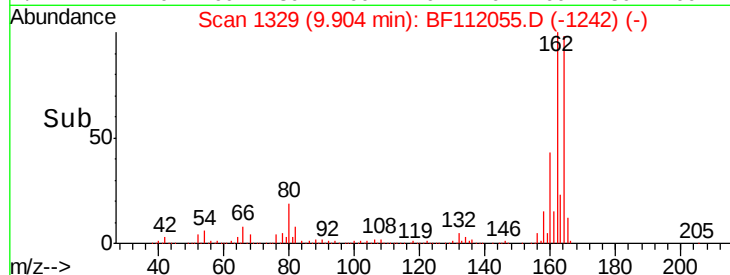
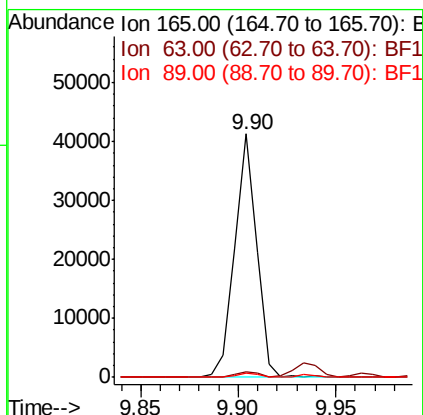
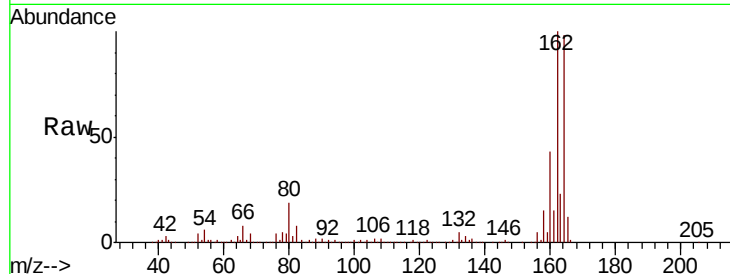




#51
 2,6-Dinitrotoluene
 Concen: 7.556 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. 0.21 min
 Lab File: BF112055.D
 Acq: 14 Jan 2019 17:19

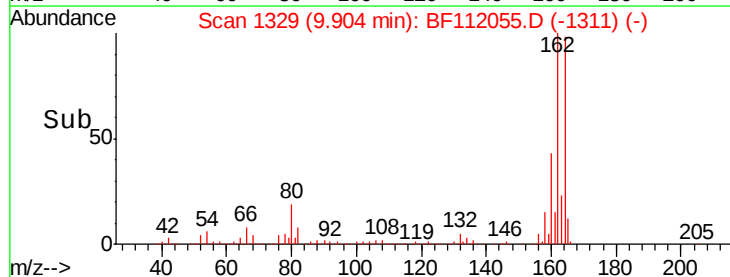
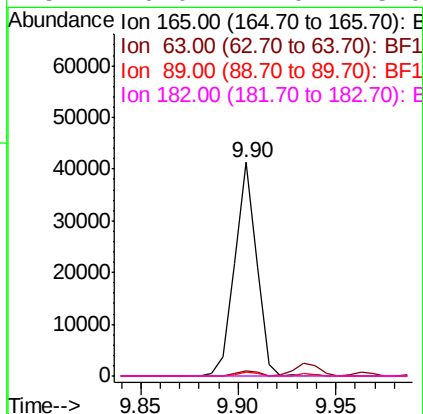
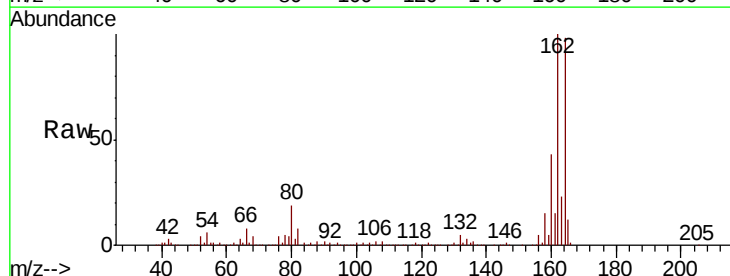
Instrument :
 BNA_F
 ClientSampled :
 CPGP-5

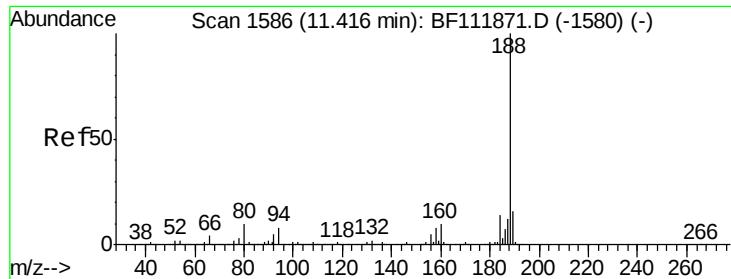
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	46.2	69.2#
89	1.8	42.2	63.2#



#57
 2,4-Dinitrotoluene
 Concen: 5.848 ng
 RT: 9.90 min Scan# 1329
 Delta R.T. -0.19 min
 Lab File: BF112055.D
 Acq: 14 Jan 2019 17:19

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	34.1	51.1#
89	1.8	53.5	80.3#
182	0.0	2.0	3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.39 min Scan# 1582

Delta R.T. -0.01 min

Lab File: BF112055.D

Acq: 14 Jan 2019 17:19

Instrument :

BNA_F

ClientSampleId :

CPGP-5

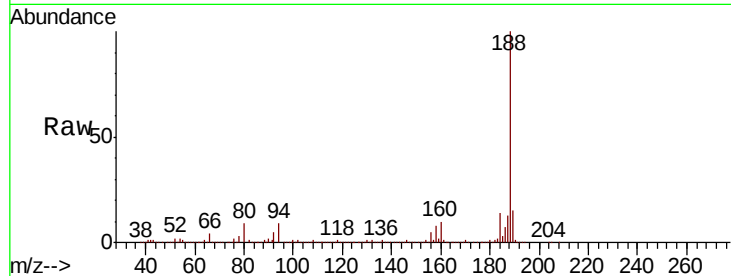
Tgt Ion:188 Resp: 503381

Ion Ratio Lower Upper

188 100

94 8.8 6.6 10.0

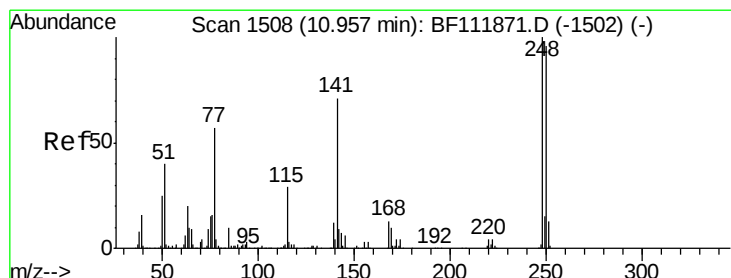
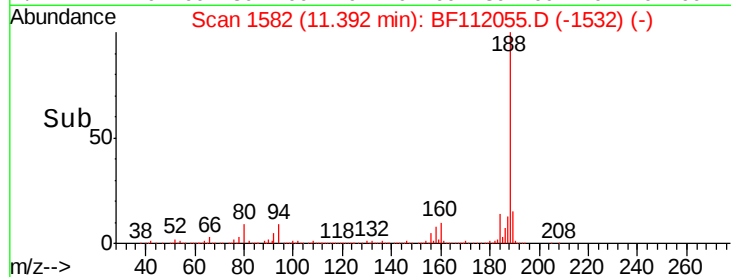
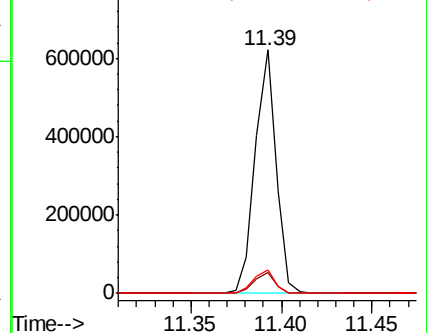
80 9.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#67

4-Bromophenyl-phenylether

Concen: 3.804 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.24 min

Lab File: BF112055.D

Acq: 14 Jan 2019 17:19

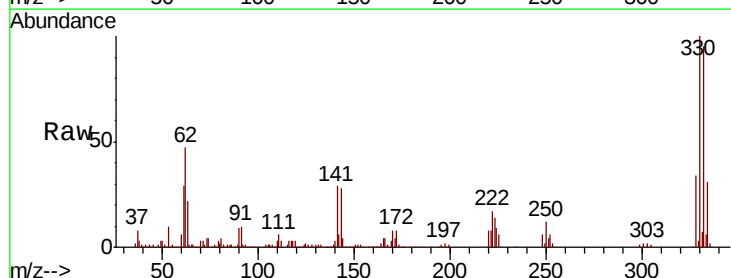
Tgt Ion:248 Resp: 24805

Ion Ratio Lower Upper

248 100

250 194.5 76.8 115.2#

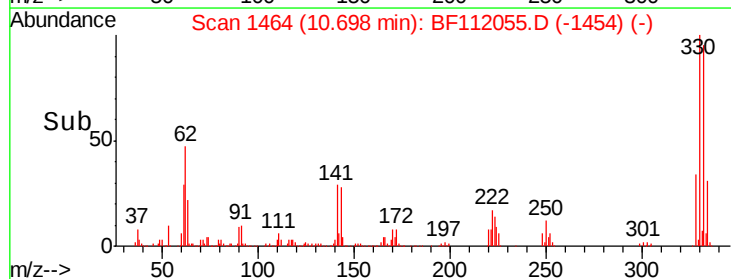
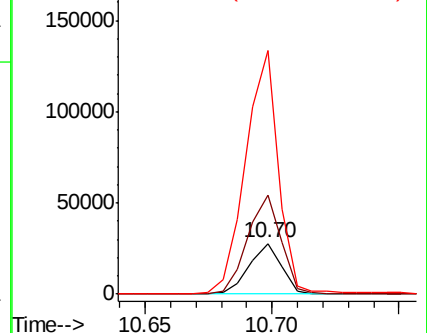
141 479.1 57.0 85.6#

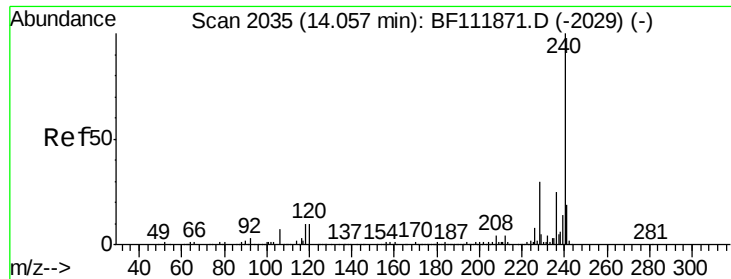


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

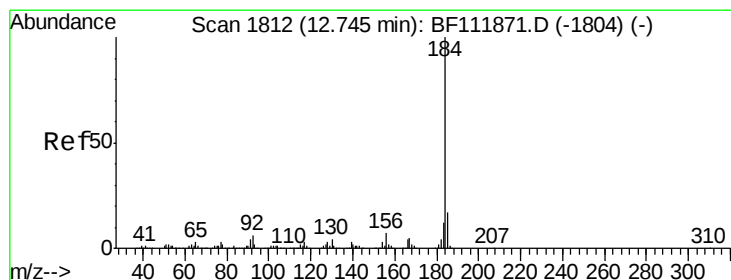
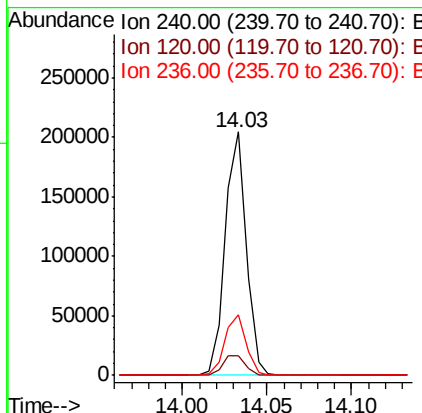
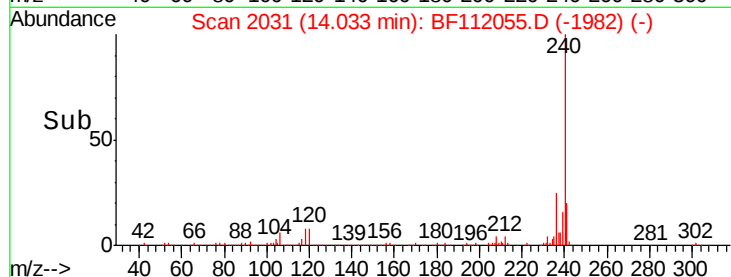
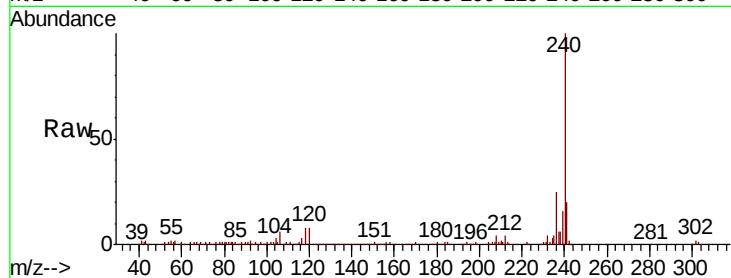




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF112055.D
Acq: 14 Jan 2019 17:19

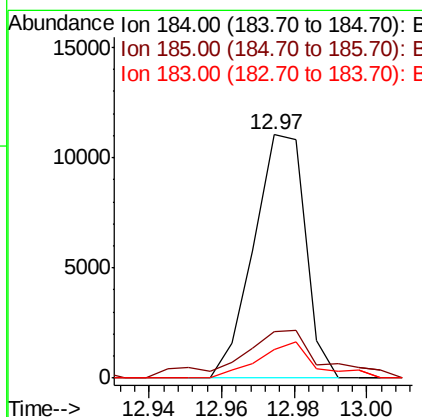
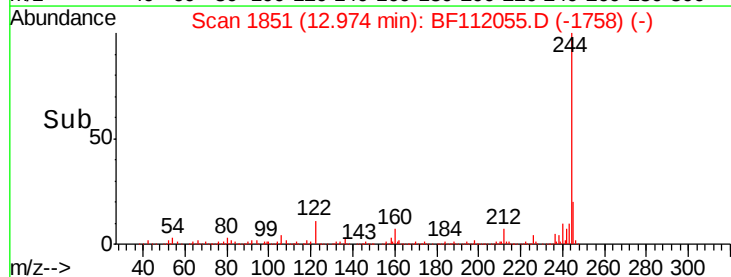
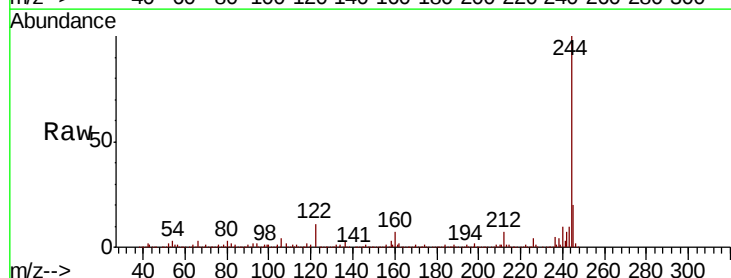
Instrument :
BNA_F
ClientSampleId :
CPGP-5

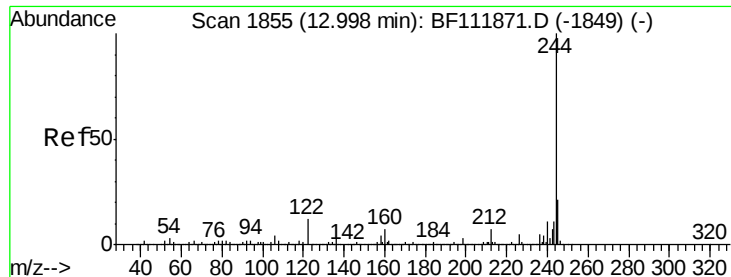
Tgt Ion:240 Resp: 177622
Ion Ratio Lower Upper
240 100
120 7.8 8.2 12.2#
236 24.8 20.2 30.4



#77
Benzidine
Concen: 2.058 ng
RT: 12.97 min Scan# 1851
Delta R.T. 0.25 min
Lab File: BF112055.D
Acq: 14 Jan 2019 17:19

Tgt Ion:184 Resp: 10921
Ion Ratio Lower Upper
184 100
185 19.1 13.4 20.0
183 12.0 9.6 14.4





#79

Terphenyl-d14

Concen: 90.890 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF112055.D

Acq: 14 Jan 2019 17:19

Instrument :

BNA_F

ClientSampleId :

CPGP-5

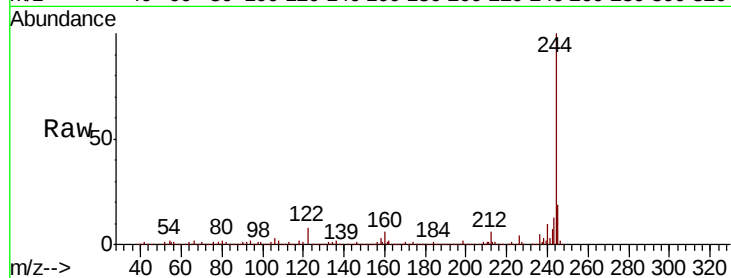
Tgt Ion:244 Resp: 850486

Ion Ratio Lower Upper

244 100

212 6.4 5.8 8.8

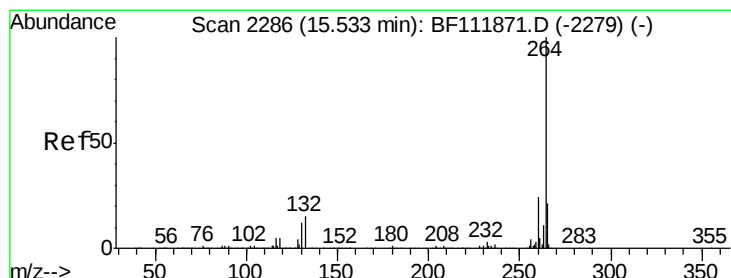
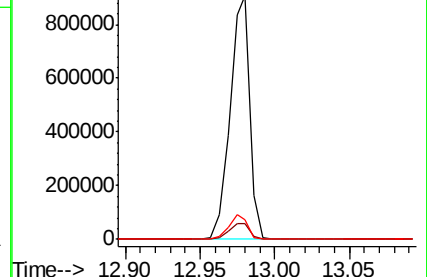
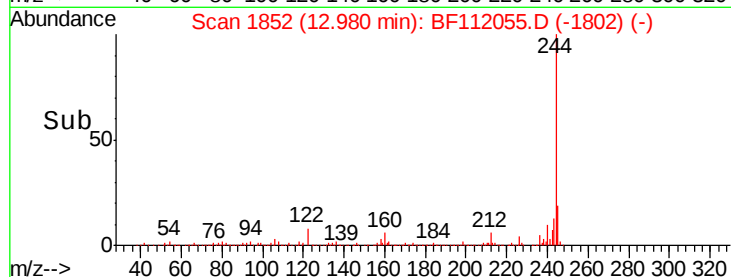
122 8.2 9.5 14.3#



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: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF112055.D

Acq: 14 Jan 2019 17:19

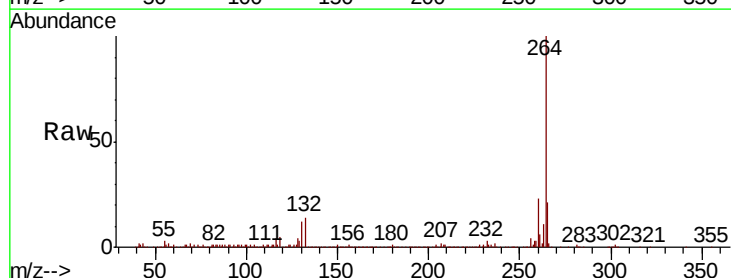
Tgt Ion:264 Resp: 270876

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.3 17.1 25.7



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

