

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120518\
 Data File : BF111122.D
 Acq On : 5 Dec 2018 22:11
 Operator : JU/SJ
 Sample : J6134-07
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-1

Quant Time: Dec 06 01:09:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 05 17:30:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	486520	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	1627072	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	733001	20.00	ng	0.01
64) Phenanthrene-d10	11.33	188	1049545	20.00	ng	0.01
76) Chrysene-d12	13.96	240	884391	20.00	ng	0.00
87) Perylene-d12	15.39	264	630828	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.41	112	1516335	48.63	ng	0.00
7) Phenol-d6	6.43	99	1286068	32.02	ng	0.00
23) Nitrobenzene-d5	7.37	82	2369196	86.21	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	570625	97.94	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	3584387	91.64	ng	0.01
79) Terphenyl-d14	12.92	244	2737848	63.40	ng	0.01

Target Compounds

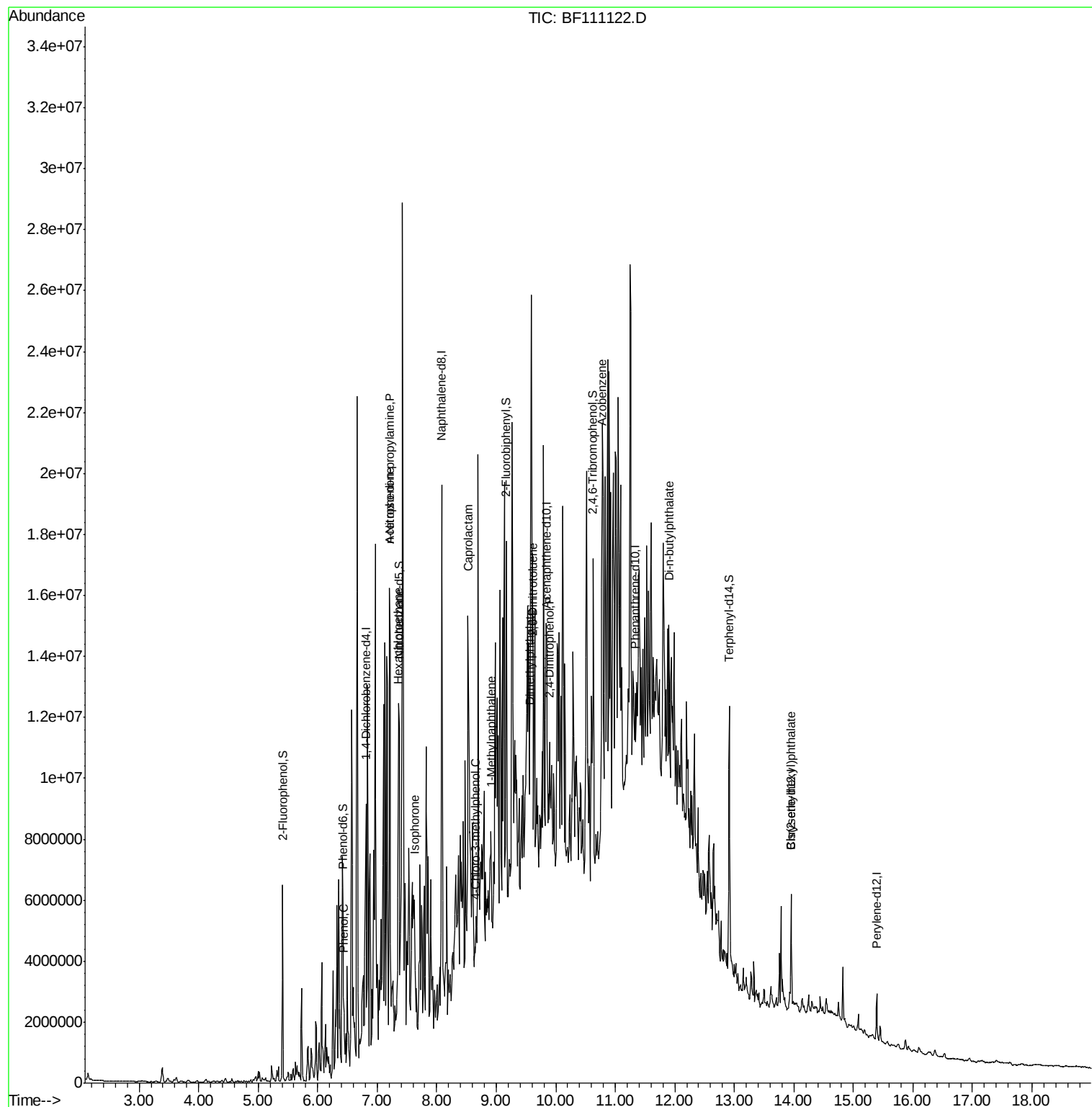
						Qvalue
9) Benzaldehyde	6.37	77	21401	Below Cal	#	1
10) Phenol	6.44	94	241073	5.505 ng	#	94
18) Hexachloroethane	7.35	117	155331	10.766 ng	#	1
19) n-Nitroso-di-n-propylamine	7.21	70	136857	5.071 ng	#	24
22) Acetophenone	7.21	105	463999	11.801 ng	#	8
25) Isophorone	7.63	82	145320	2.881 ng	#	1
35) Caprolactam	8.53	113	174691	20.541 ng	#	1
36) 4-Chloro-3-methylphenol	8.65	107	54948	2.166 ng	#	23
38) 1-Methylnaphthalene	8.90	142	101436	2.159 ng	#	95
50) Dimethylphthalate	9.56	163	167519	3.284 ng	#	71
51) 2,6-Dinitrotoluene	9.62	165	27065	2.502 ng	#	60
54) 2,4-Dinitrophenol	9.90	184	2042	7.151 ng	#	1
63) Azobenzene	10.77	77	168363	3.102 ng	#	72
74) Di-n-butylphthalate	11.90	149	131743	2.125 ng	#	89
77) Benzidine	12.59	184	2177	Below Cal	#	1
84) Bis(2-ethylhexyl)phthalate	13.95	149	269118	6.694 ng	#	97

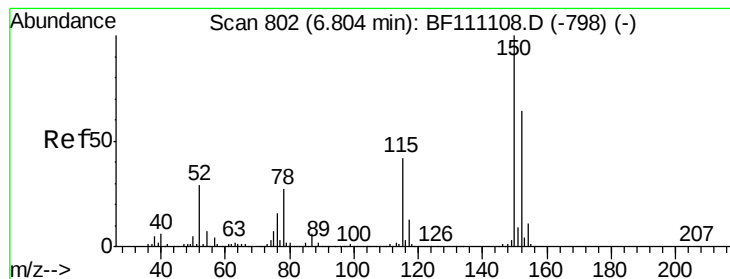
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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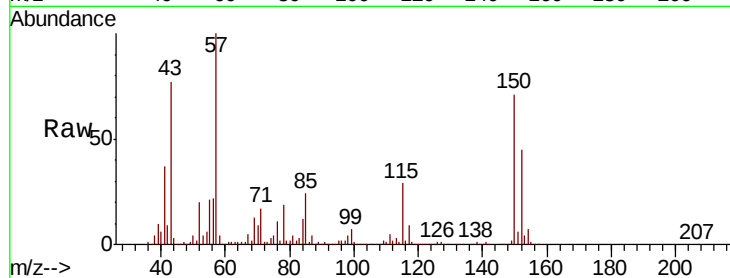


#1

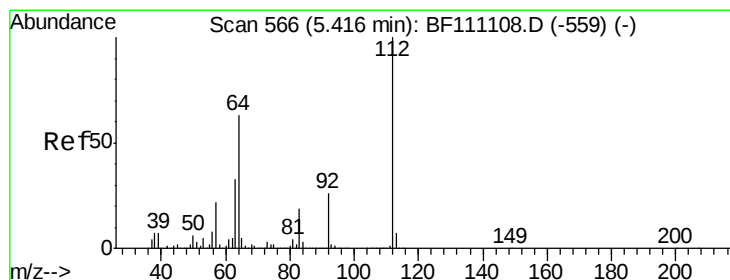
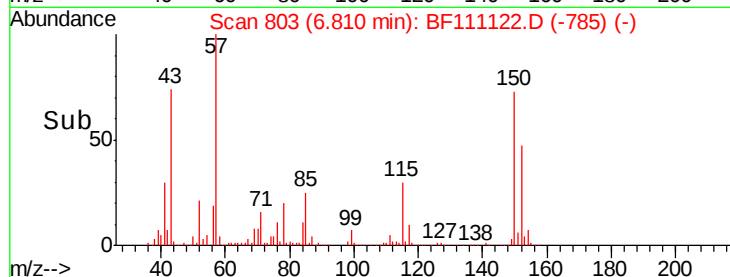
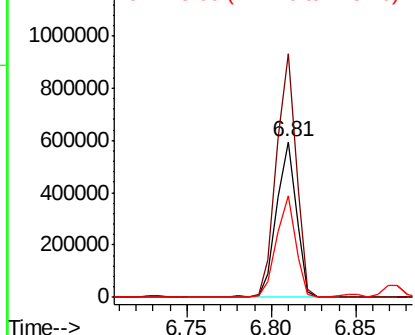
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.81 min Scan# 803
Delta R.T. 0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:152 Resp: 486520
Ion Ratio Lower Upper
152 100
150 156.1 124.6 187.0
115 64.7 52.2 78.2



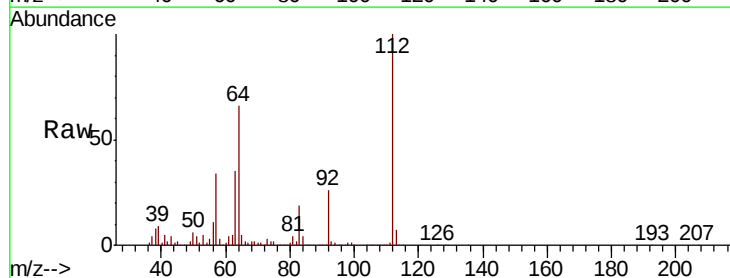
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



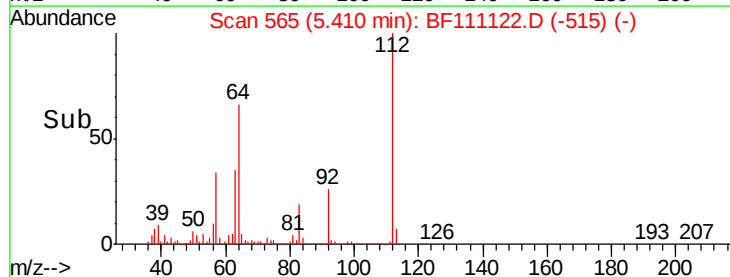
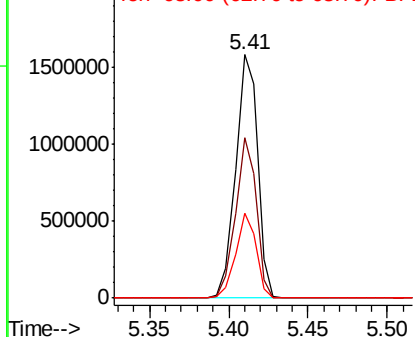
#5

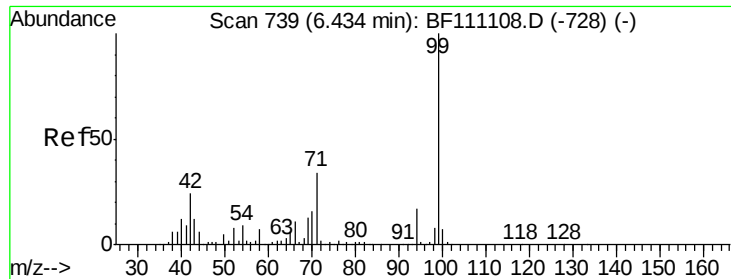
2-Fluorophenol
Concen: 48.635 ng
RT: 5.41 min Scan# 565
Delta R.T. -0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Tgt Ion:112 Resp: 1516335
Ion Ratio Lower Upper
112 100
64 66.1 50.2 75.4
63 34.9 26.6 39.8



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: 32.021 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111122.D

Acq: 5 Dec 2018 22:11

Instrument :

BNA_F

ClientSampleId :

DUP-1

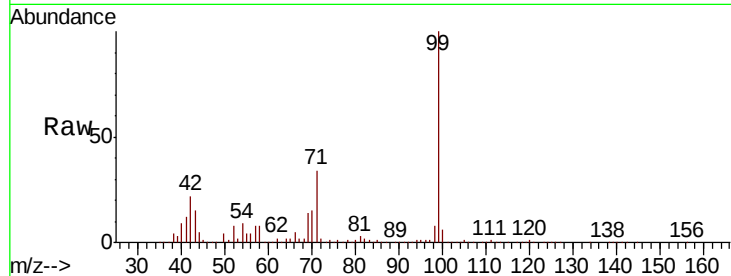
Tgt Ion: 99 Resp: 1286068

Ion Ratio Lower Upper

99 100

42 22.5 19.3 28.9

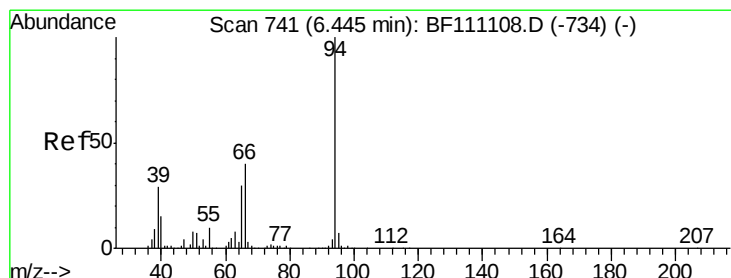
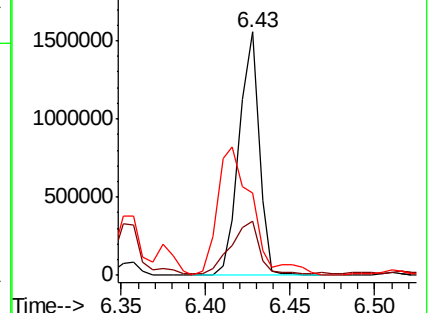
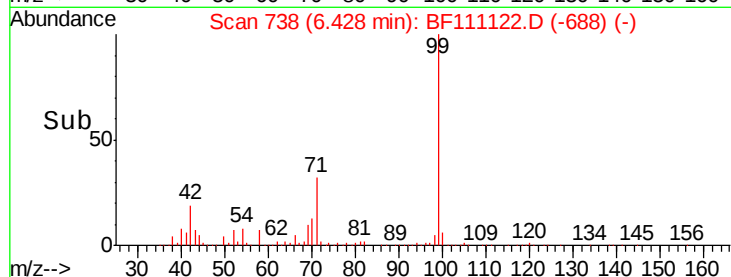
71 33.8 27.4 41.2



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



#10

Phenol

Concen: 5.505 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111122.D

Acq: 5 Dec 2018 22:11

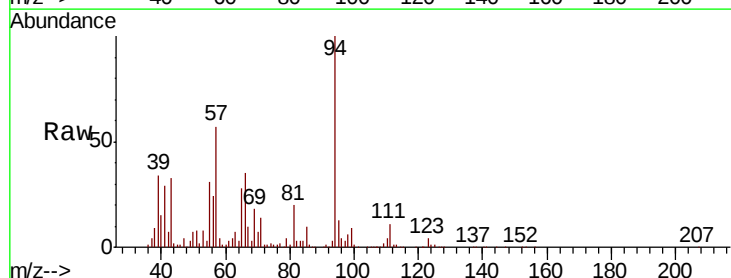
Tgt Ion: 94 Resp: 241073

Ion Ratio Lower Upper

94 100

65 28.4 10.5 50.5

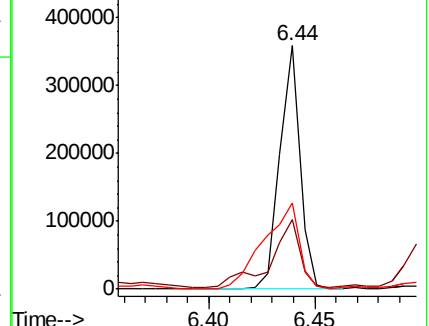
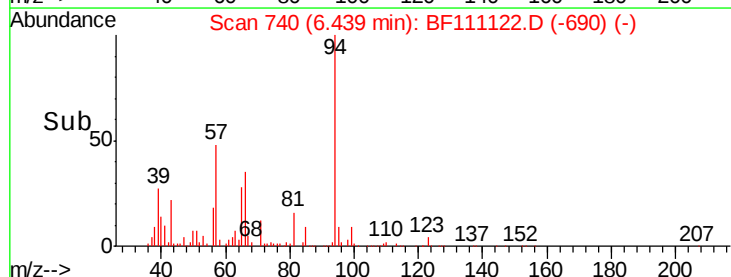
66 35.3 19.8 59.8

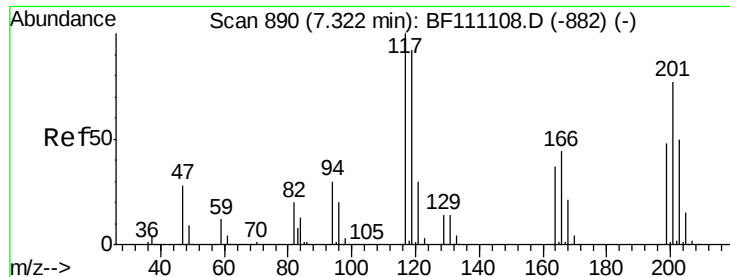


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

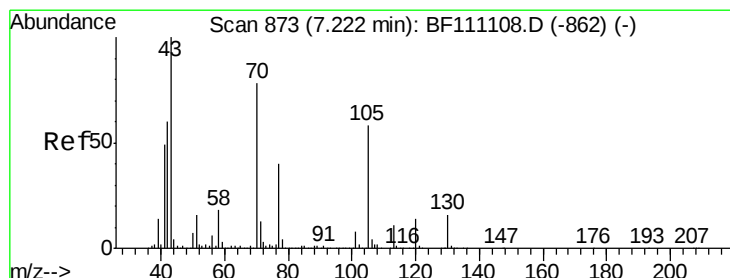
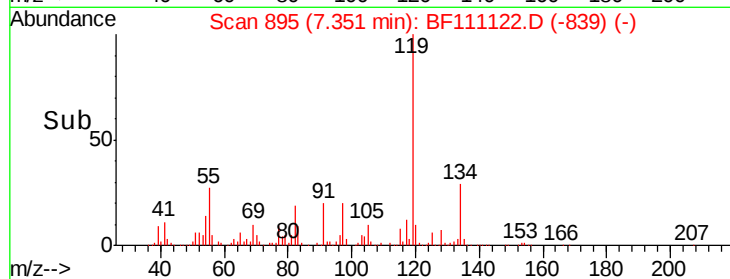
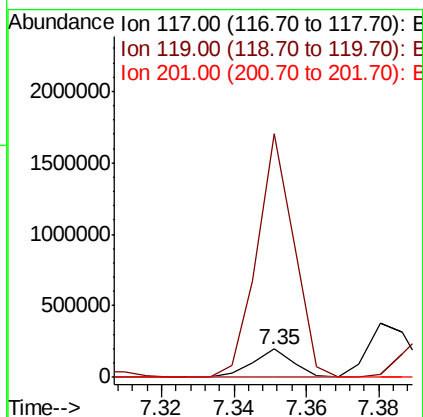
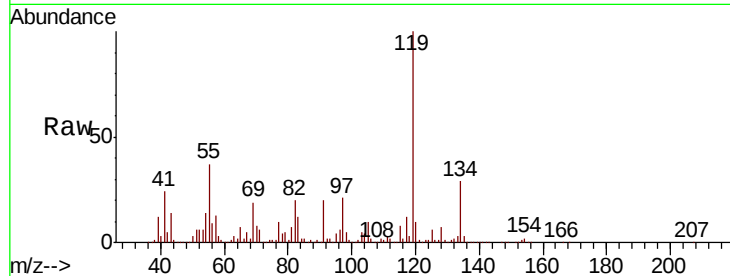




#18
Hexachloroethane
Concen: 10.766 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.03 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

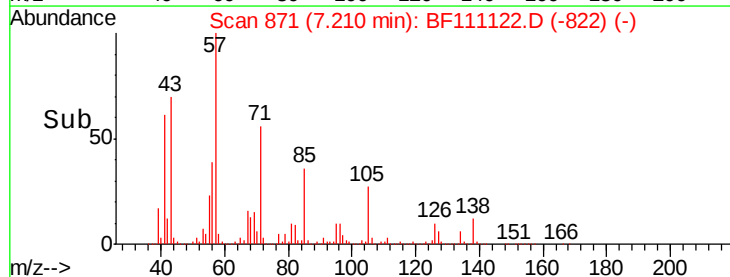
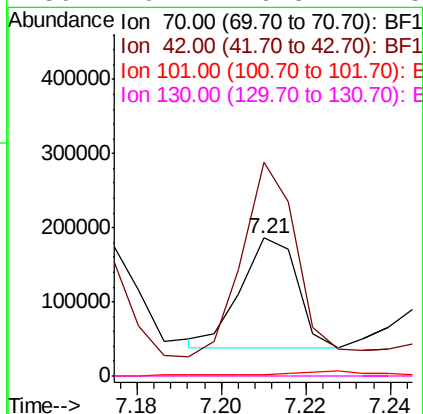
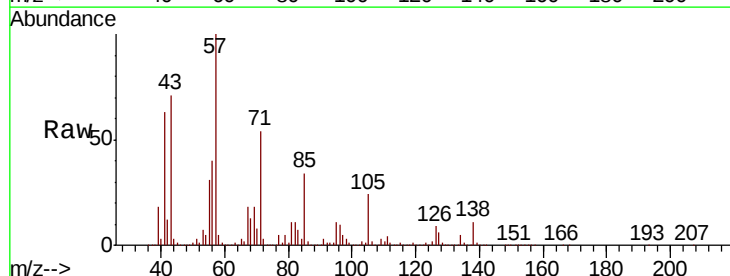
Instrument :
BNA_F
ClientSampleId :
DUP-1

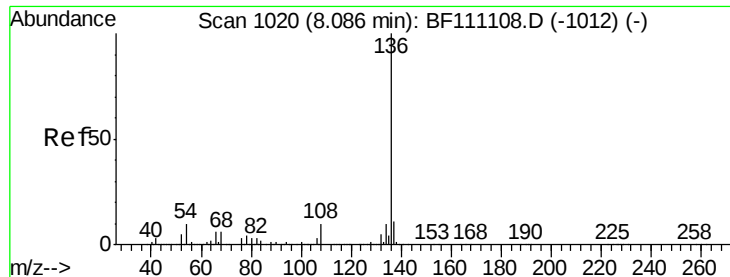
Tgt Ion: 117 Resp: 155331
Ion Ratio Lower Upper
117 100
119 861.9 73.8 110.6#
201 0.0 61.2 91.8#



#19
n-Nitroso-di-n-propylamine
Concen: 5.071 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Tgt Ion: 70 Resp: 136857
Ion Ratio Lower Upper
70 100
42 154.7 61.3 91.9#
101 1.1 7.7 11.5#
130 0.2 16.3 24.5#

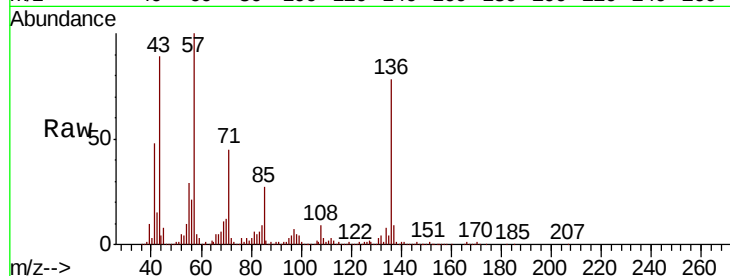




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1021
Delta R.T. 0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:	136	Resp:	1627072
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.0	13.6
54	13.2	8.4	12.6#
68	7.9	5.0	7.4#



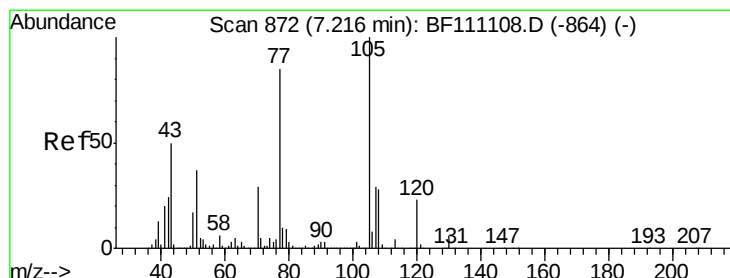
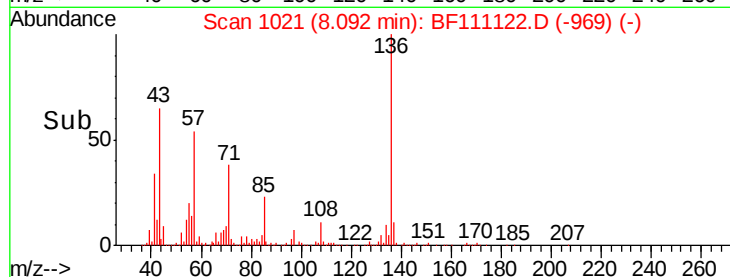
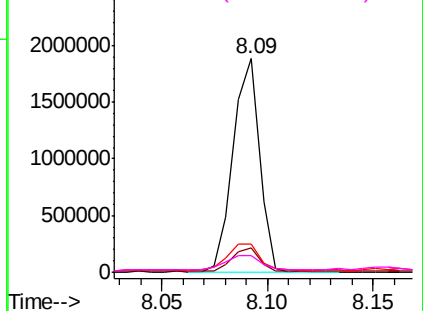
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

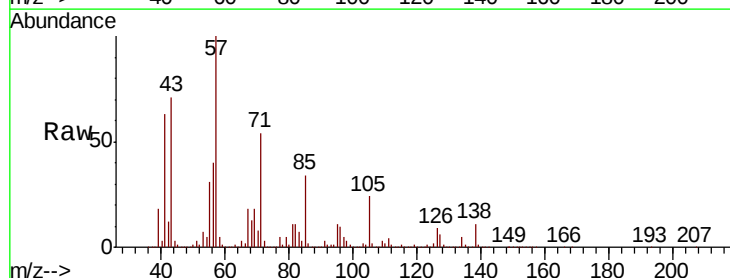
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 11.801 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Tgt Ion:	105	Resp:	463999
Ion	Ratio	Lower	Upper
105	100		
71	227.9	4.0	6.0#
51	11.4	29.8	44.8#
120	0.6	18.7	28.1#



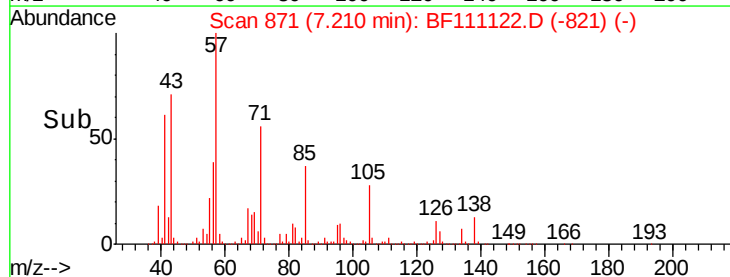
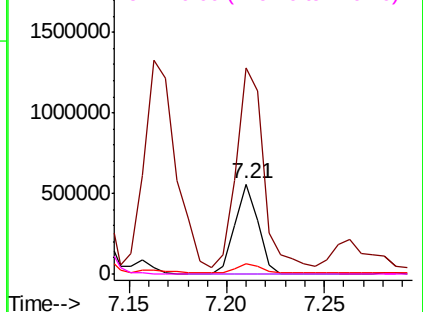
Abundance

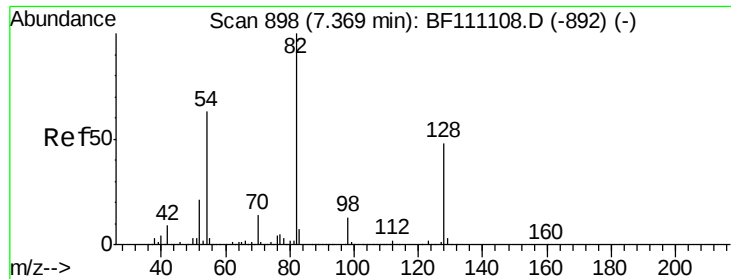
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

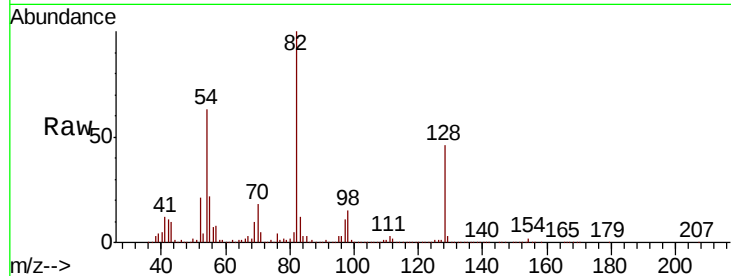




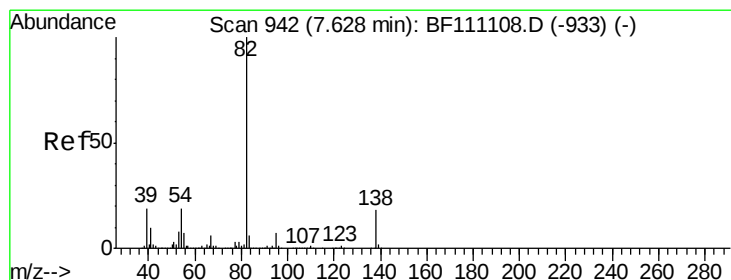
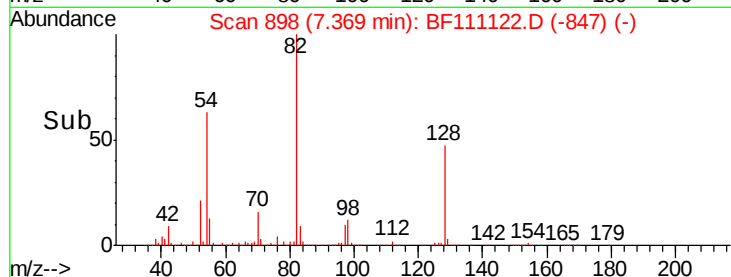
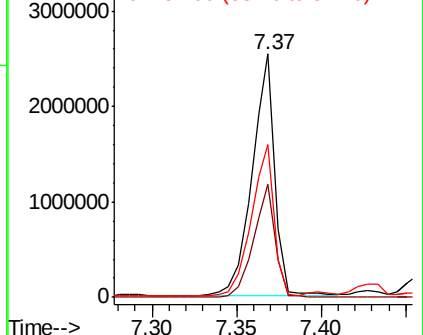
#23
Nitrobenzene-d5
Concen: 86.207 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion: 82 Resp: 2369196
Ion Ratio Lower Upper
82 100
128 46.3 38.1 57.1
54 62.9 50.3 75.5

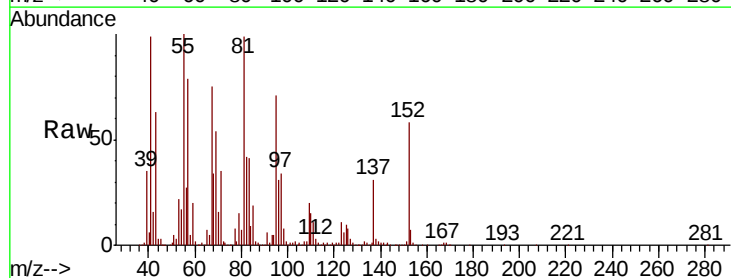


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

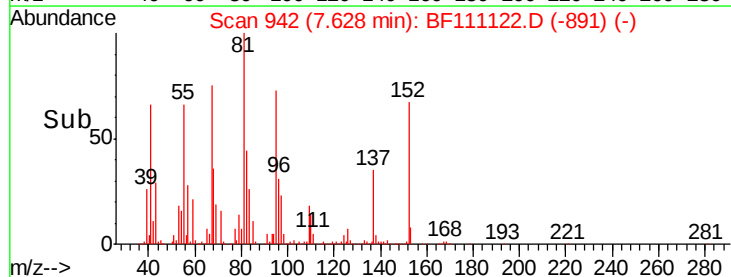
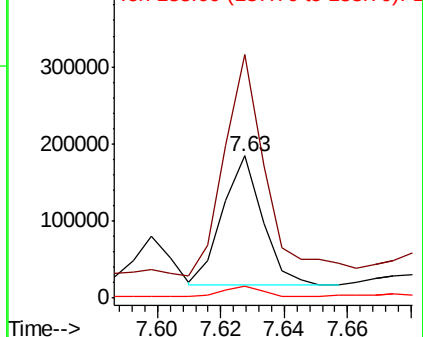


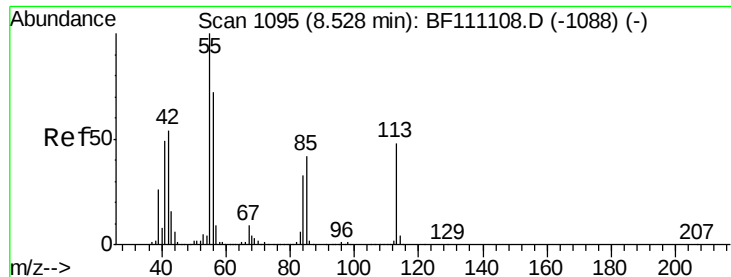
#25
Isophorone
Concen: 2.881 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Tgt Ion: 82 Resp: 145320
Ion Ratio Lower Upper
82 100
95 171.5 5.6 8.4#
138 8.1 14.6 22.0#



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

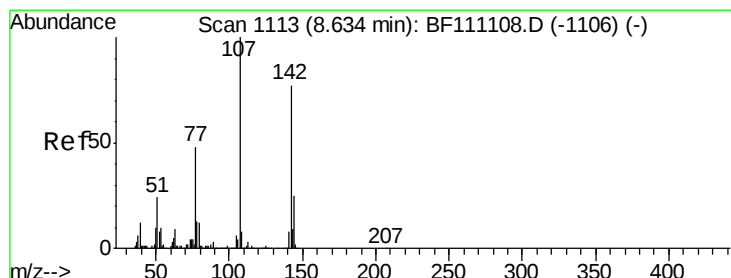
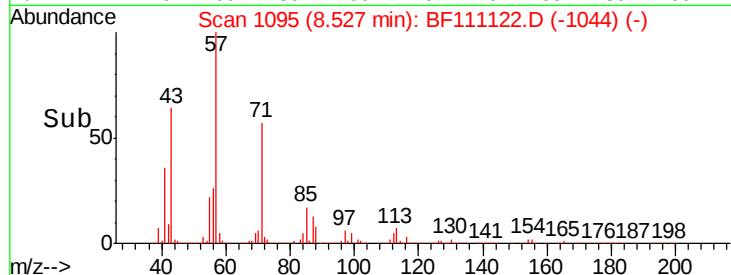
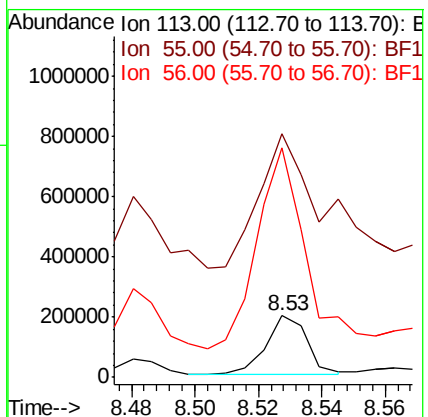
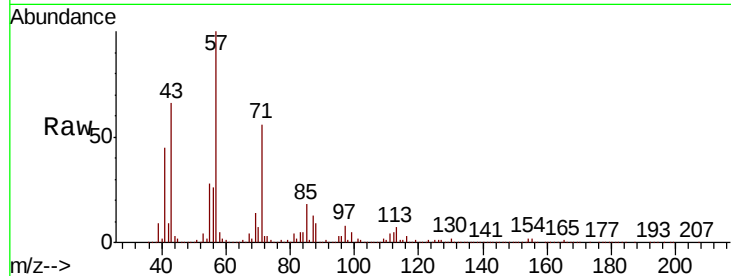




#35
 Caprolactam
 Concen: 20.541 ng
 RT: 8.53 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF111122.D
 Acq: 5 Dec 2018 22:11

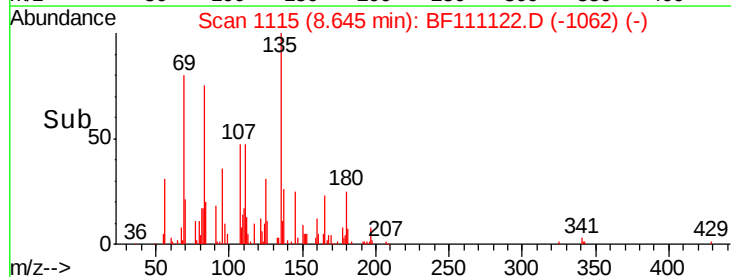
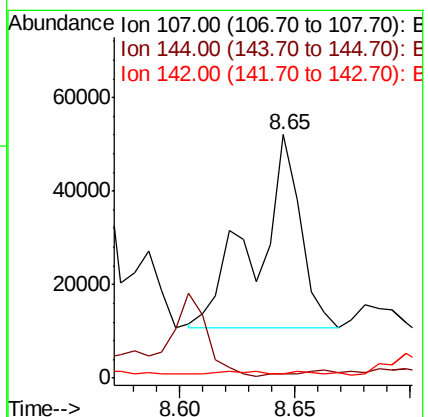
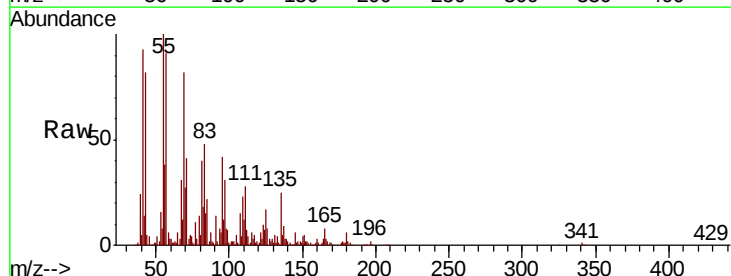
Instrument :
 BNA_F
 ClientSampled :
 DUP-1

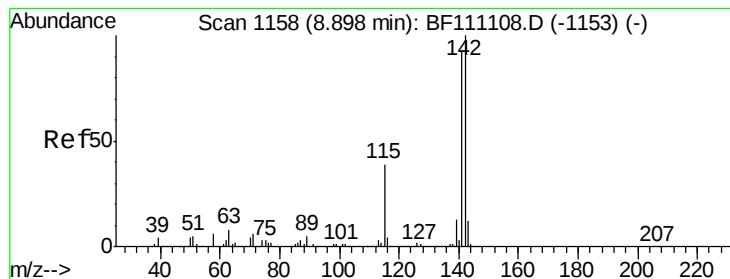
Tgt Ion:113 Resp: 174691
 Ion Ratio Lower Upper
 113 100
 55 395.5 190.6 230.6#
 56 373.4 130.9 170.9#



#36
 4-Chloro-3-methylphenol
 Concen: 2.166 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF111122.D
 Acq: 5 Dec 2018 22:11

Tgt Ion:107 Resp: 54948
 Ion Ratio Lower Upper
 107 100
 144 1.7 19.9 29.9#
 142 1.9 61.4 92.0#





#38

1-Methylnaphthalene

Concen: 2.159 ng

RT: 8.90 min Scan# 1159

Delta R.T. 0.01 min

Lab File: BF111122.D

Acq: 5 Dec 2018 22:11

Instrument :

BNA_F

ClientSampleId :

DUP-1

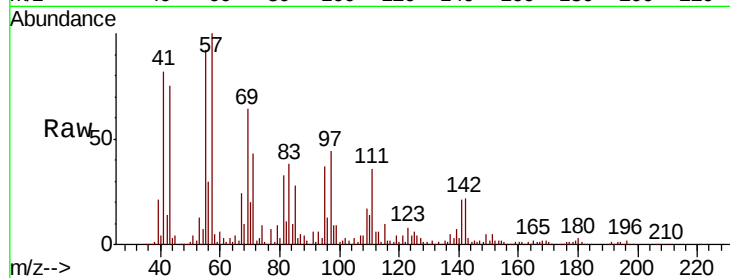
Tgt Ion:142 Resp: 101436

Ion Ratio Lower Upper

142 100

141 97.9 74.5 111.7

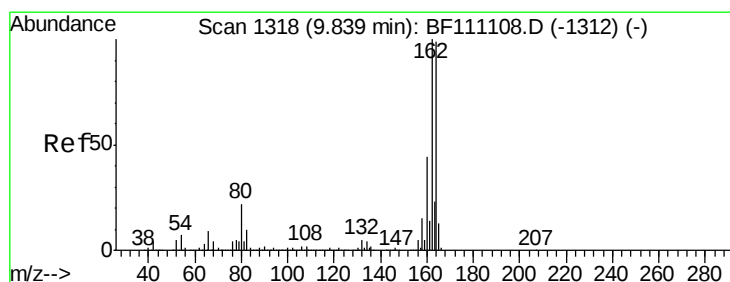
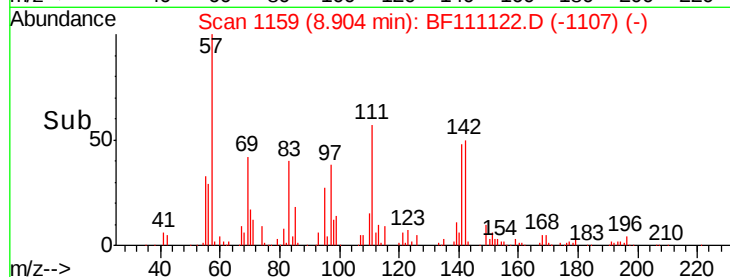
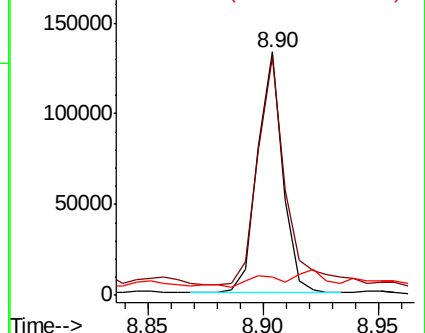
116 7.3 3.2 4.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.01 min

Lab File: BF111122.D

Acq: 5 Dec 2018 22:11

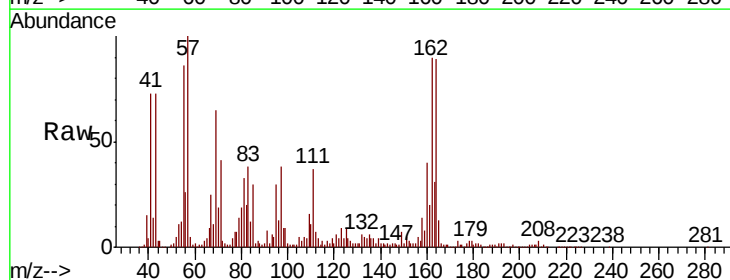
Tgt Ion:164 Resp: 733001

Ion Ratio Lower Upper

164 100

162 101.6 80.6 120.8

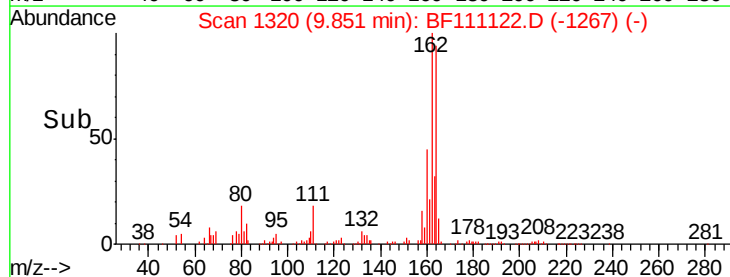
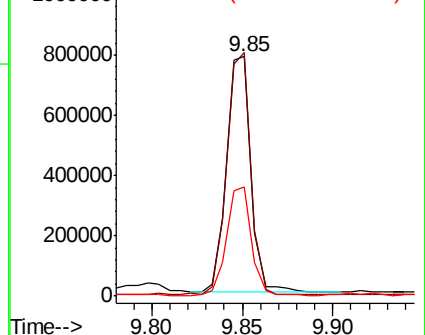
160 45.6 35.5 53.3

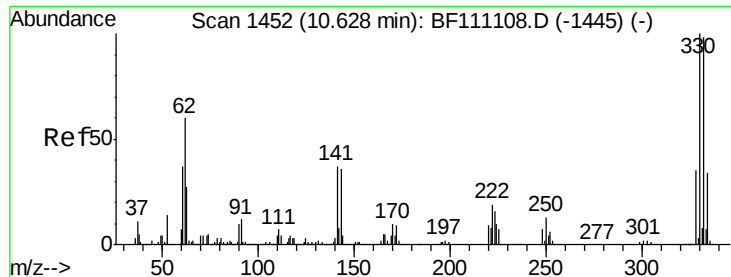


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

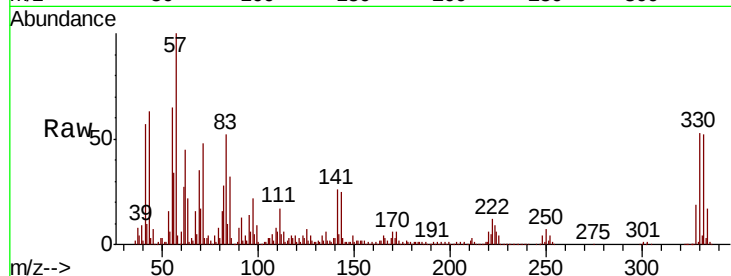




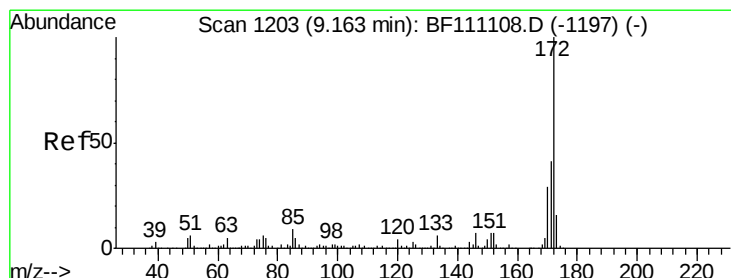
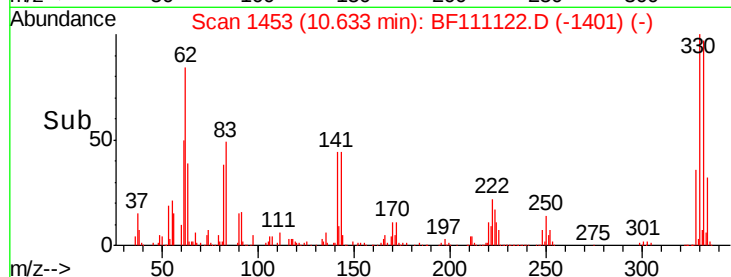
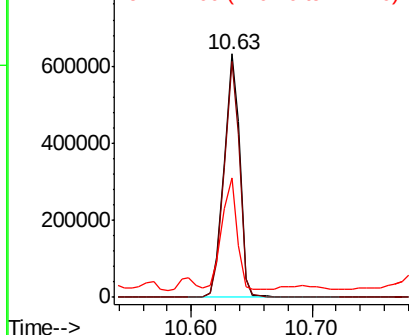
#42
 2,4,6-Tribromophenol
 Concen: 97.936 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.01 min
 Lab File: BF111122.D
 Acq: 5 Dec 2018 22:11

Instrument :
 BNA_F
 ClientSampled :
 DUP-1

Tgt Ion:330 Resp: 570625
 Ion Ratio Lower Upper
 330 100
 332 95.1 77.2 115.8
 141 44.0 36.1 54.1

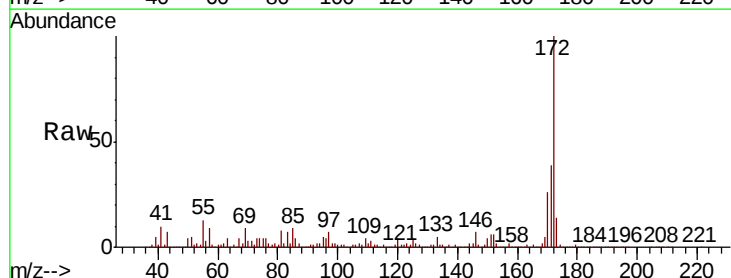


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

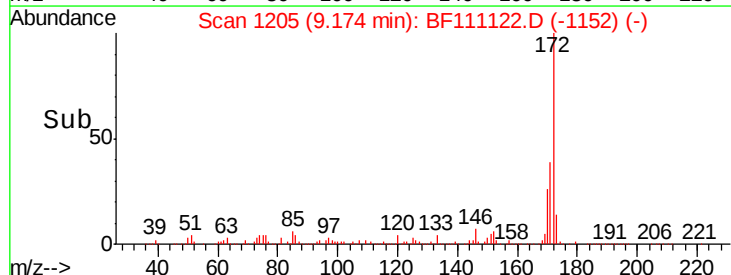
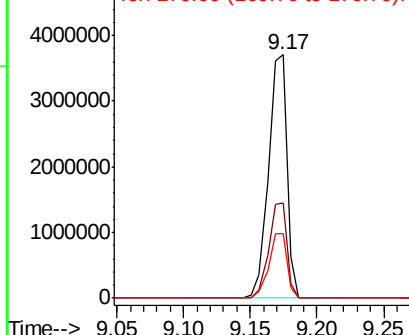


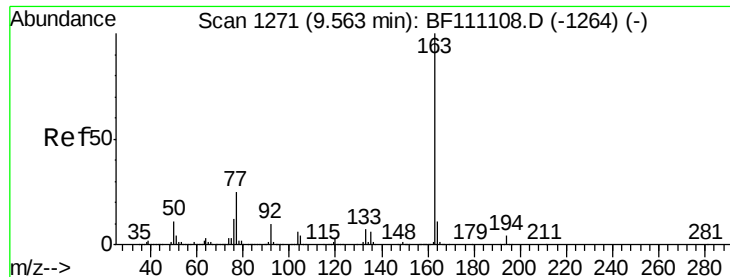
#45
 2-Fluorobiphenyl
 Concen: 91.640 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF111122.D
 Acq: 5 Dec 2018 22:11

Tgt Ion:172 Resp: 3584387
 Ion Ratio Lower Upper
 172 100
 171 39.3 33.2 49.8
 170 26.4 22.9 34.3



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

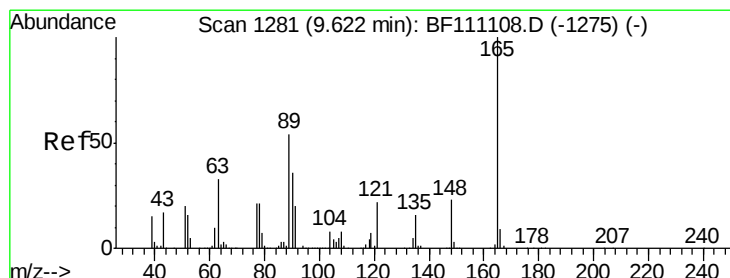
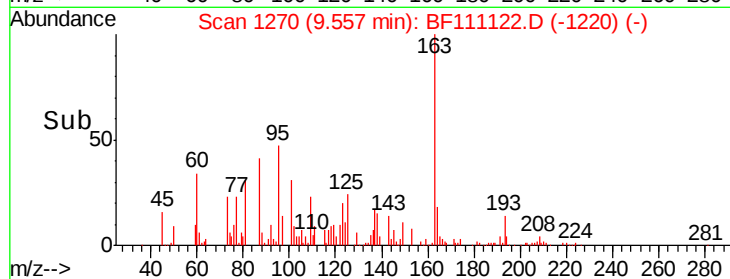
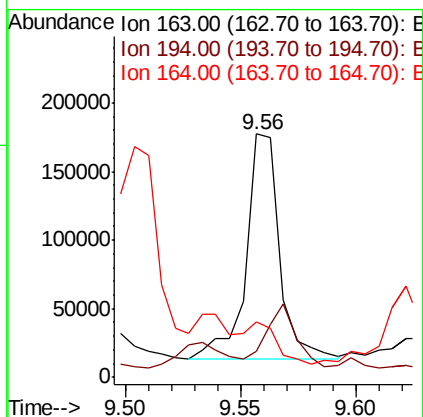
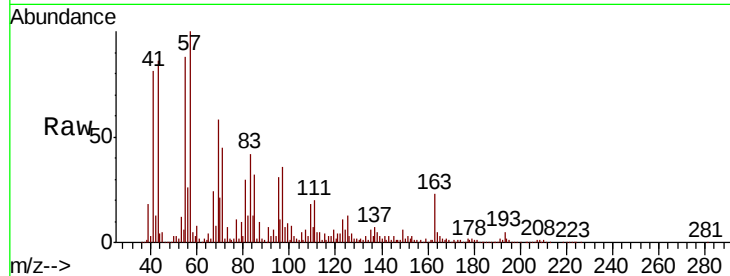




#50
Dimethylphthalate
Concen: 3.284 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

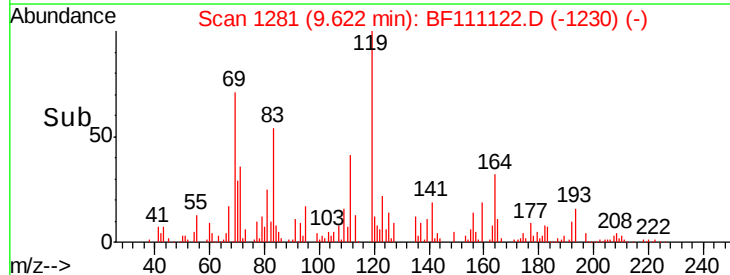
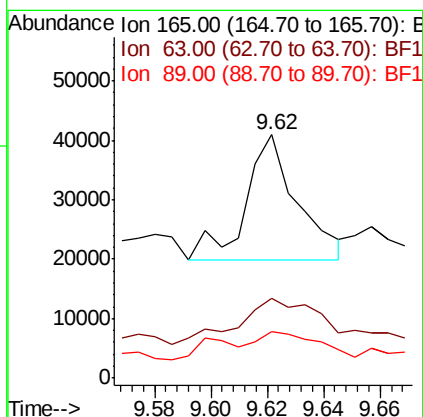
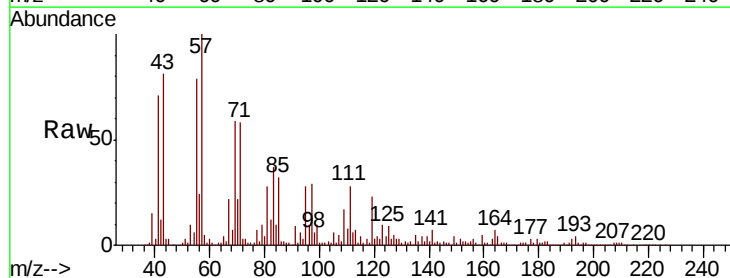
Instrument :
BNA_F
ClientSampled :
DUP-1

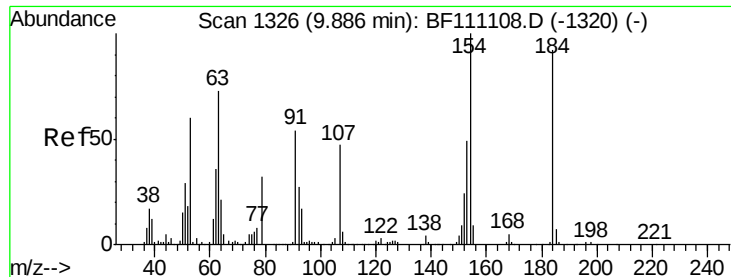
Tgt Ion	Ratio	Lower	Upper
163	100		
194	10.8	3.0	4.4#
164	22.9	8.9	13.3#



#51
2,6-Dinitrotoluene
Concen: 2.502 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Tgt Ion	Ratio	Lower	Upper
165	100		
63	32.6	44.7	67.1#
89	19.2	43.0	64.4#

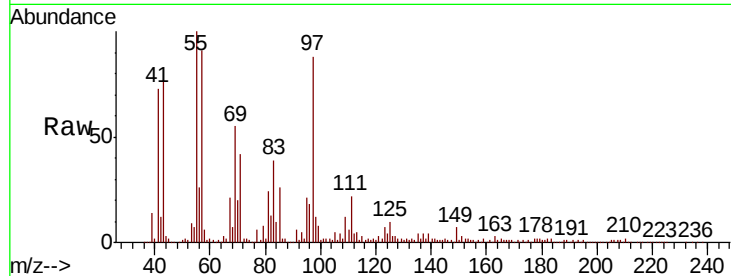




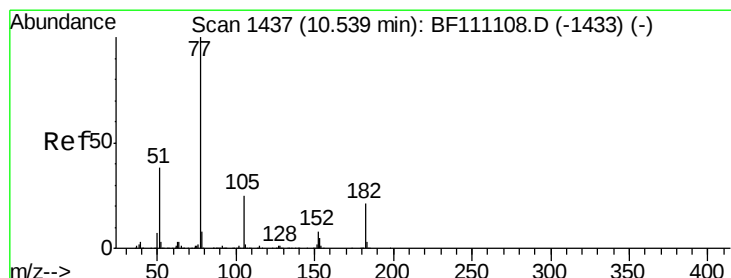
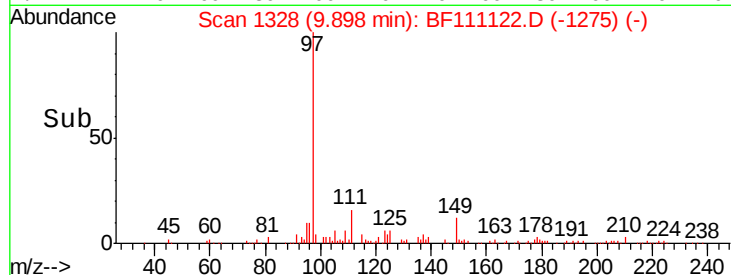
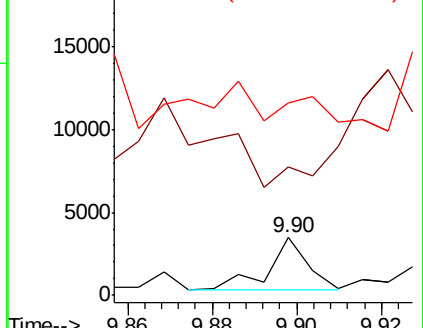
#54
2,4-Dinitrophenol
Concen: 7.151 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Instrument :
BNA_F
ClientSampleId :
DUP-1

Tgt Ion:184 Resp: 2042
Ion Ratio Lower Upper
184 100
63 224.2 64.2 96.4#
154 334.8 89.5 134.3#

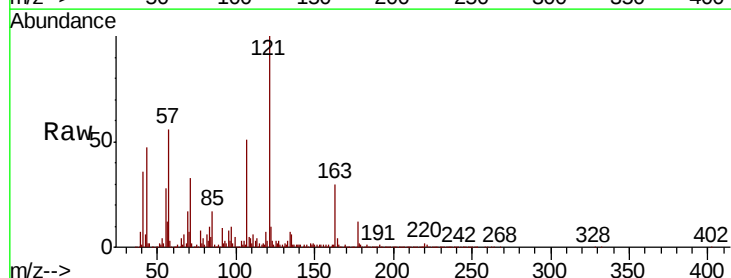


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

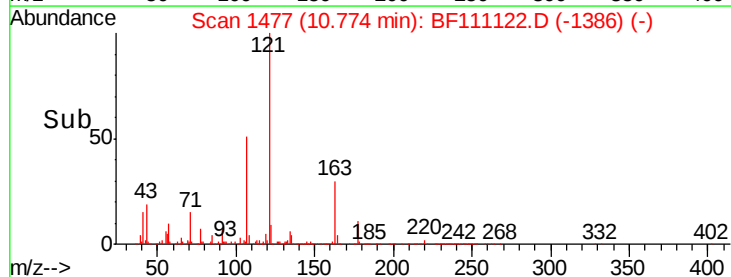
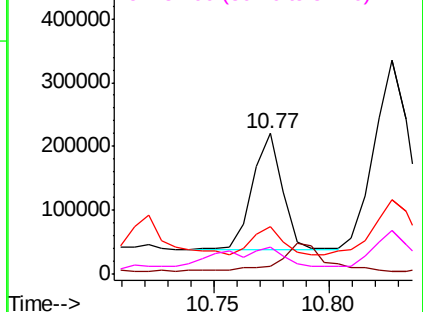


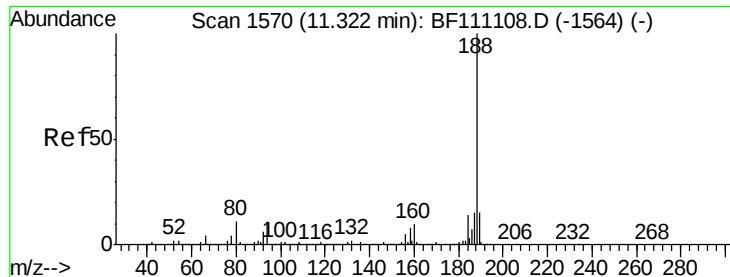
#63
Azobenzene
Concen: 3.102 ng
RT: 10.77 min Scan# 1477
Delta R.T. 0.24 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Tgt Ion: 77 Resp: 168363
Ion Ratio Lower Upper
77 100
182 5.6 1.4 41.4
105 33.9 4.7 44.7
51 18.9 18.0 58.0



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

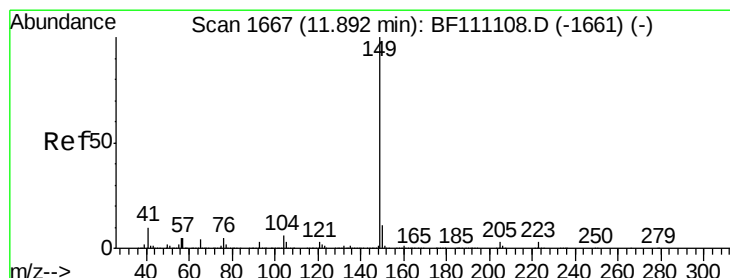
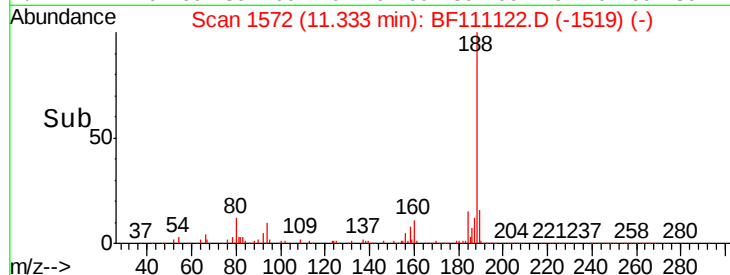
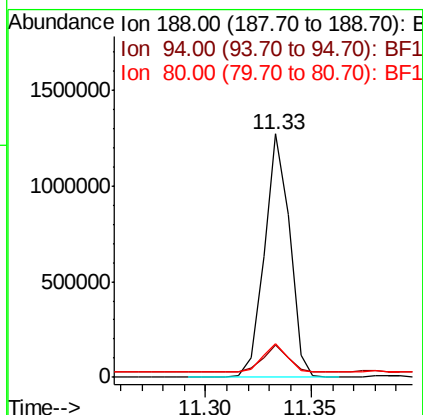
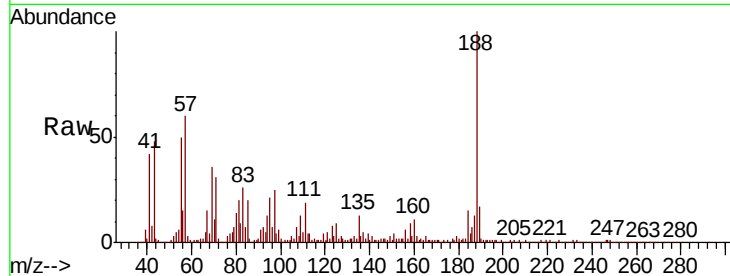




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. 0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

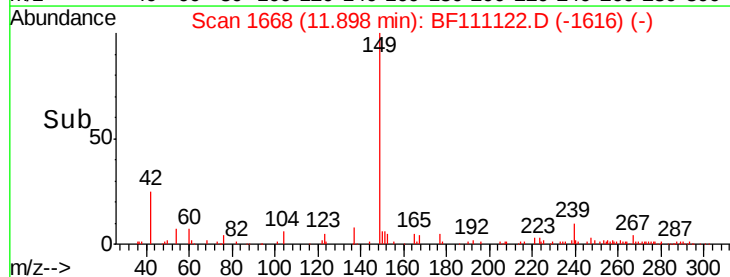
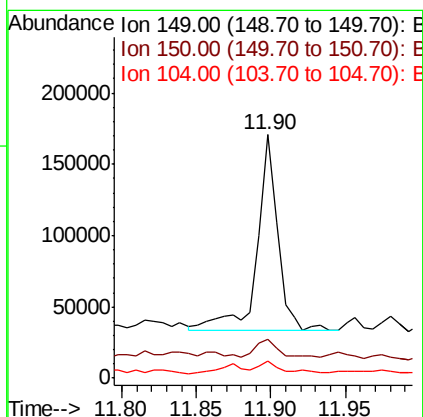
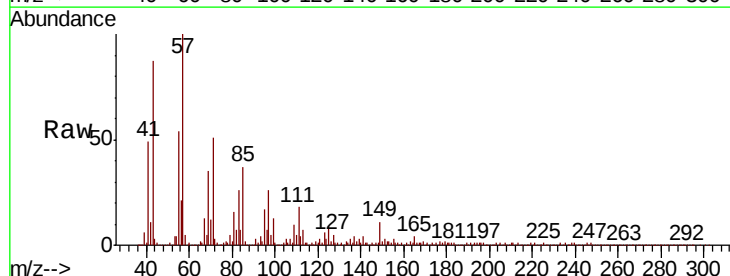
Instrument :
BNA_F
ClientSampleId :
DUP-1

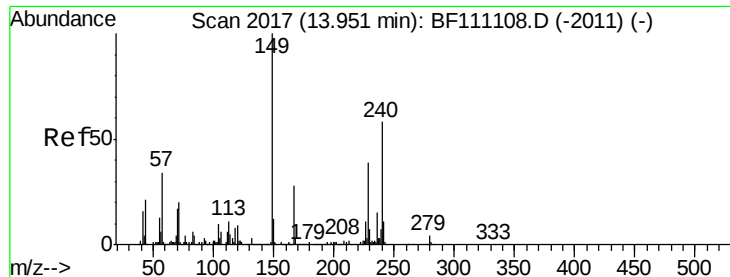
Tgt Ion:188 Resp: 1049545
Ion Ratio Lower Upper
188 100
94 13.1 8.5 12.7#
80 13.8 9.0 13.6#



#74
Di-n-butylphthalate
Concen: 2.125 ng
RT: 11.90 min Scan# 1668
Delta R.T. 0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Tgt Ion:149 Resp: 131743
Ion Ratio Lower Upper
149 100
150 16.1 8.6 12.8#
104 7.2 4.5 6.7#

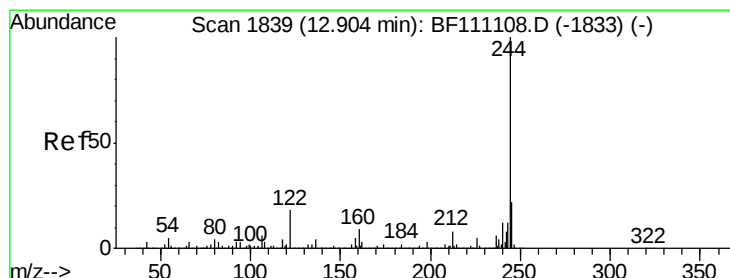
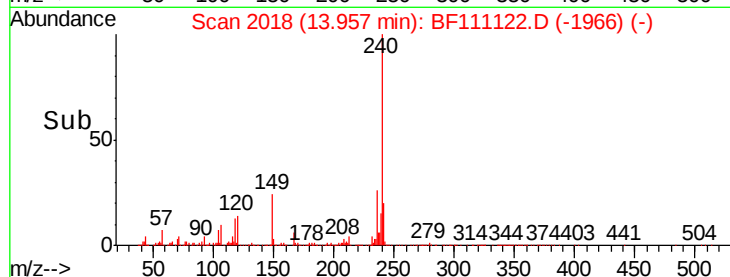
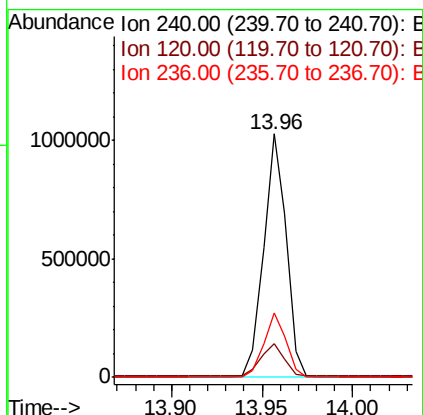
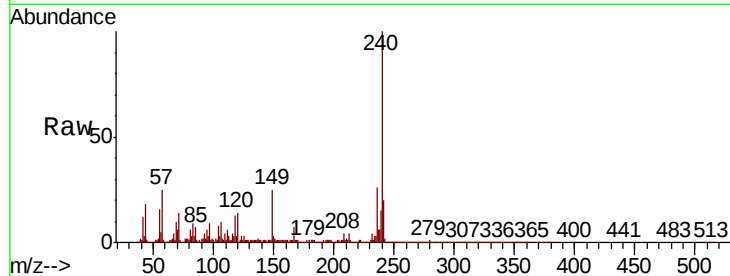




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

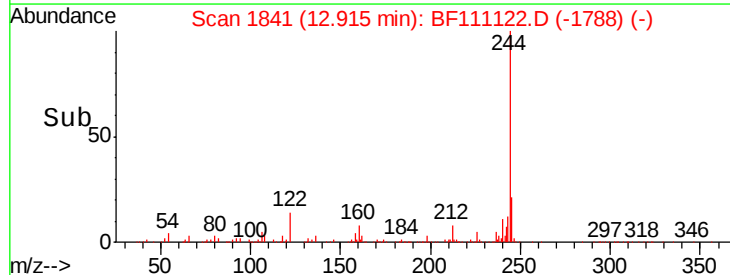
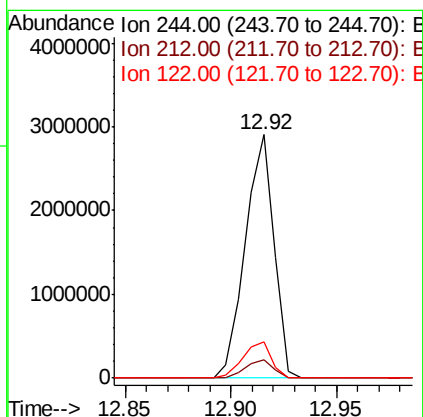
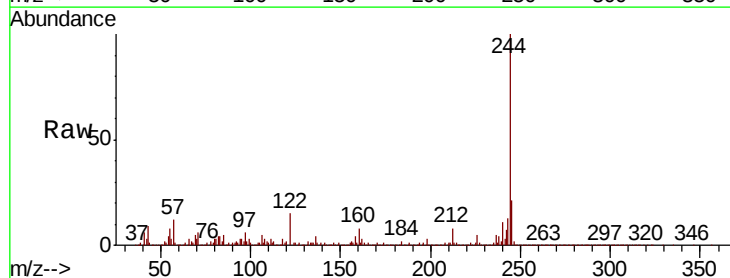
Instrument :
BNA_F
ClientSampled :
DUP-1

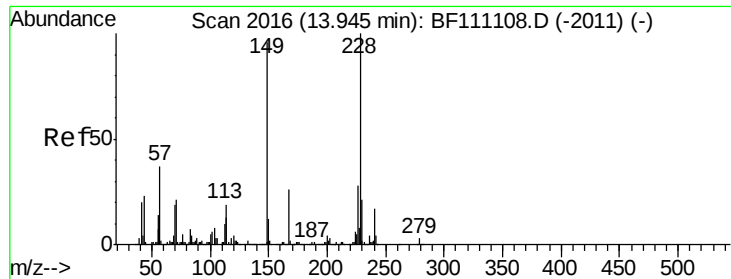
Tgt Ion:240 Resp: 884391
Ion Ratio Lower Upper
240 100
120 14.0 12.8 19.2
236 26.3 21.1 31.7



#79
Terphenyl-d14
Concen: 63.401 ng
RT: 12.92 min Scan# 1841
Delta R.T. 0.01 min
Lab File: BF111122.D
Acq: 5 Dec 2018 22:11

Tgt Ion:244 Resp: 2737848
Ion Ratio Lower Upper
244 100
212 7.7 6.6 9.8
122 14.8 14.2 21.2





#84

Bis(2-ethylhexyl)phthalate

Concen: 6.694 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111122.D

Acq: 5 Dec 2018 22:11

Instrument :

BNA_F

ClientSampleId :

DUP-1

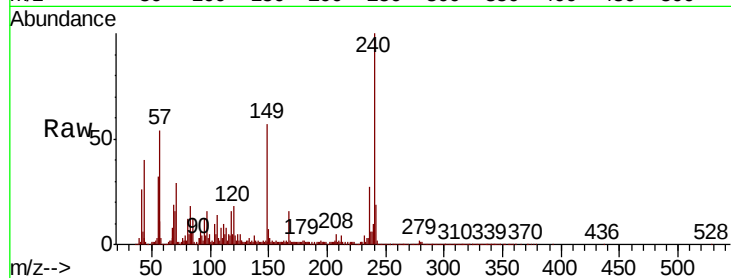
Tgt Ion:149 Resp: 269118

Ion Ratio Lower Upper

149 100

167 28.8 21.6 32.4

279 2.7 2.3 3.5

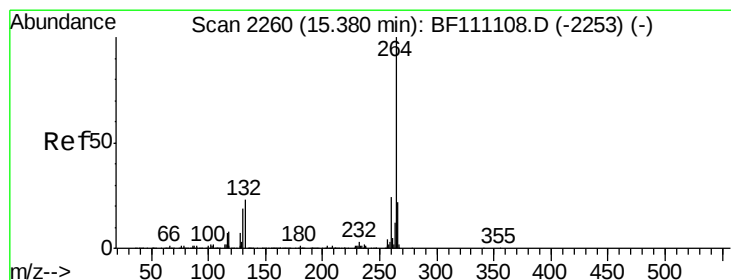
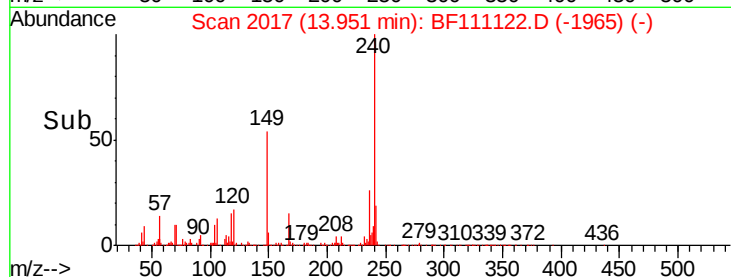
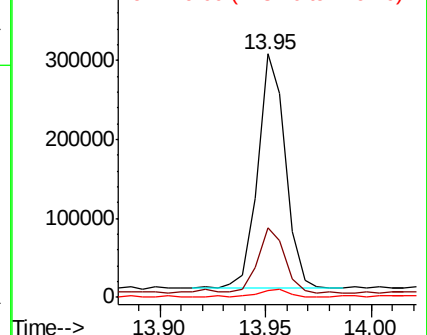


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111122.D

Acq: 5 Dec 2018 22:11

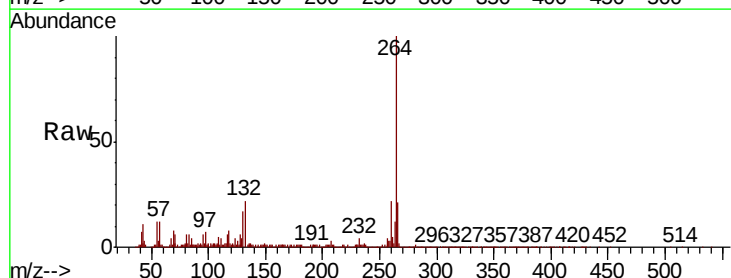
Tgt Ion:264 Resp: 630828

Ion Ratio Lower Upper

264 100

260 22.4 19.4 29.0

265 21.0 17.4 26.0



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

