

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
 Data File : BF111632.D
 Acq On : 20 Dec 2018 11:54
 Operator : JU/SJ
 Sample : J6353-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 14:07:07 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	205860	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	759181	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	350538	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	543468	20.00	ng	0.00
76) Chrysene-d12	14.06	240	460402	20.00	ng	0.00
87) Perylene-d12	15.53	264	460172	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1244842	103.07	ng	0.00
7) Phenol-d6	6.53	99	1586801	103.24	ng	0.00
23) Nitrobenzene-d5	7.46	82	936606	71.81	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	350937	84.73	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1305549	54.29	ng	0.00
79) Terphenyl-d14	13.00	244	986112	40.62	ng	0.00

Target Compounds

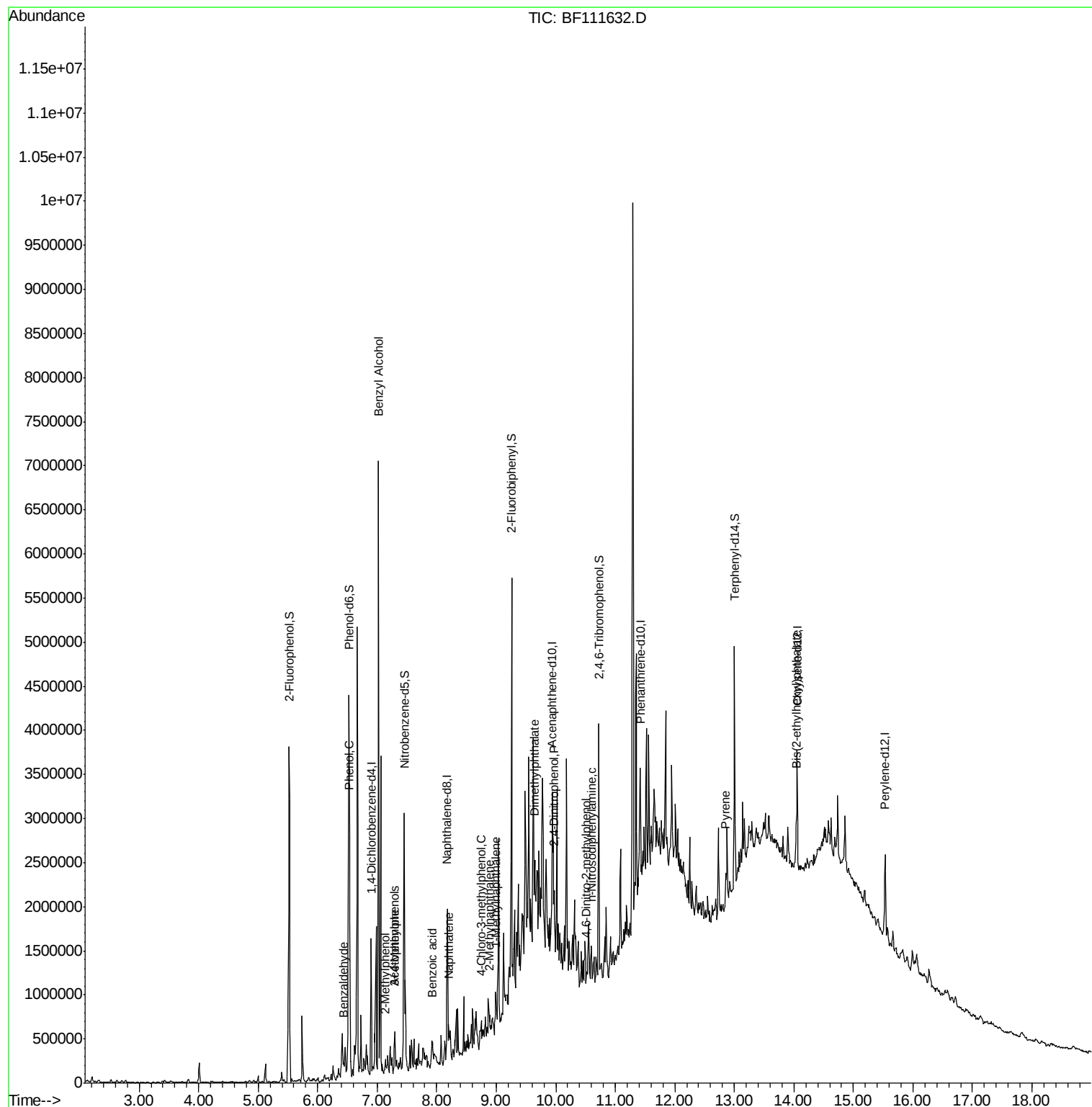
						Qvalue
9) Benzaldehyde	6.44	77	40802	3.860	ng	88
10) Phenol	6.54	94	385517	22.230	ng	96
15) Benzyl Alcohol	7.02	79	366459	30.021	ng	# 52
17) 2-Methylphenol	7.14	107	22659	2.115	ng	# 88
20) 3+4-Methylphenols	7.29	107	40008	2.956	ng	# 61
22) Acetophenone	7.30	105	84761	4.407	ng	# 83
31) Naphthalene	8.20	128	127849	3.505	ng	96
32) Benzoic acid	7.93	122	20689	2.863	ng	# 44
36) 4-Chloro-3-methylphenol	8.75	107	25841	2.236	ng	# 48
37) 2-Methylnaphthalene	8.89	142	55218	2.327	ng	# 96
38) 1-Methylnaphthalene	8.99	142	47753	2.095	ng	# 94
50) Dimethylphthalate	9.65	163	178435	6.961	ng	99
54) 2,4-Dinitrophenol	9.98	184	736	7.715	ng	# 1
65) 4,6-Dinitro-2-methylphenol	10.51	198	625	6.932	ng	# 1
66) n-Nitrosodiphenylamine	10.60	169	109692	6.013	ng	# 36
78) Pyrene	12.86	202	101781	3.131	ng	# 94
84) Bis(2-ethylhexyl)phthalate	14.04	149	115169	6.899	ng	# 98

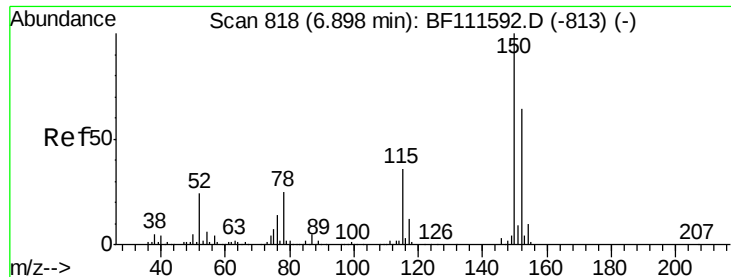
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122018\
Data File : BF111632.D
Acq On : 20 Dec 2018 11:54
Operator : JU/SJ
Sample : J6353-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Dec 20 14:07:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration



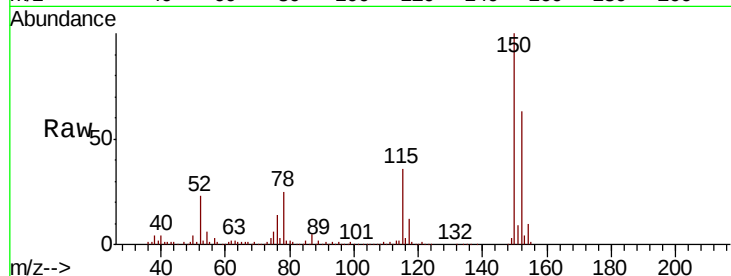


#1

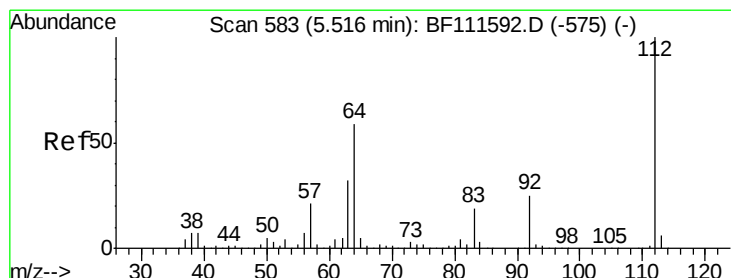
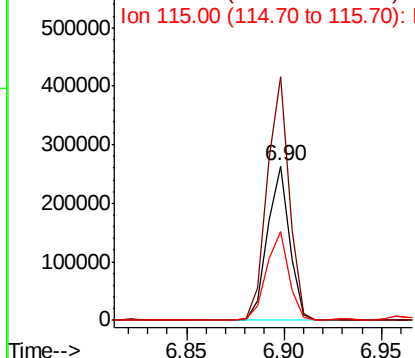
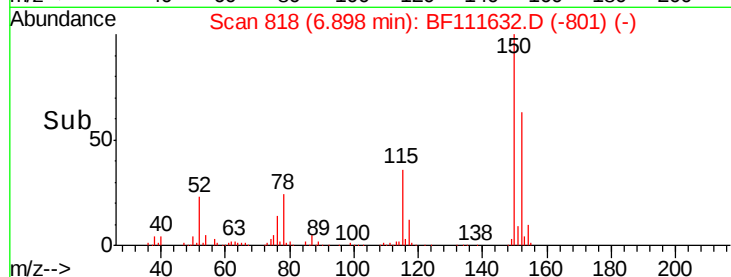
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.6	189.8
115	57.3	50.7	76.1



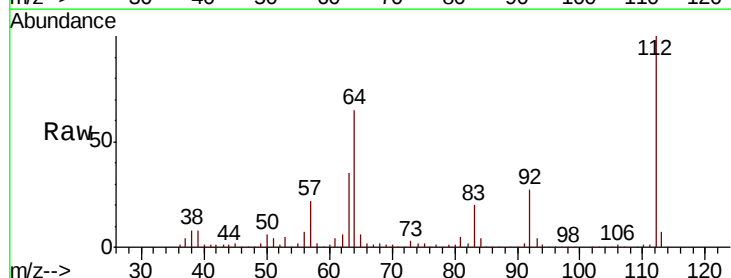
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



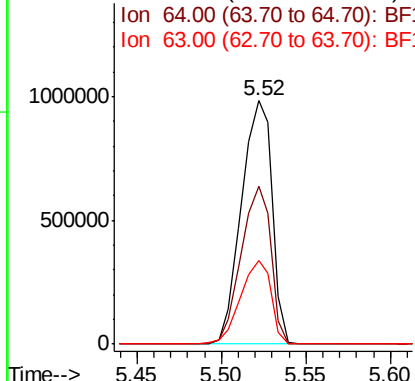
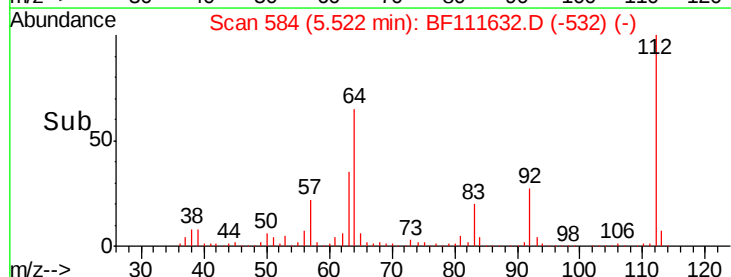
#5

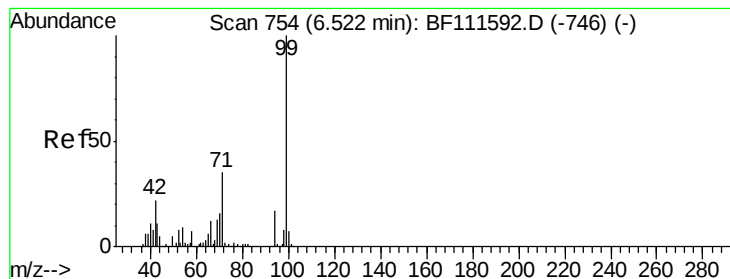
2-Fluorophenol
Concen: 103.074 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.7	51.8	77.6
63	34.5	26.8	40.2



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: 103.240 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF111632.D

Acq: 20 Dec 2018 11:54

Instrument :

BNA_F

ClientSampleId :

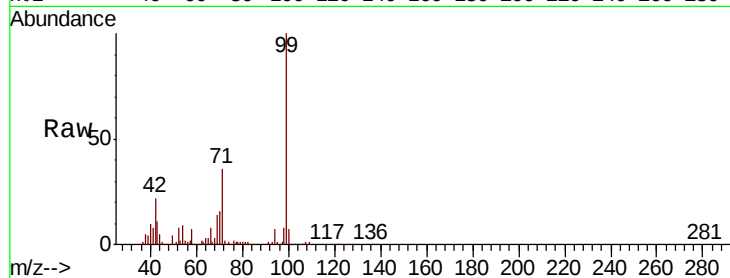
Tot Ion: 99 Resp: 1586801

Ion Ratio Lower Upper

99 100

42 22.1 17.4 26.0

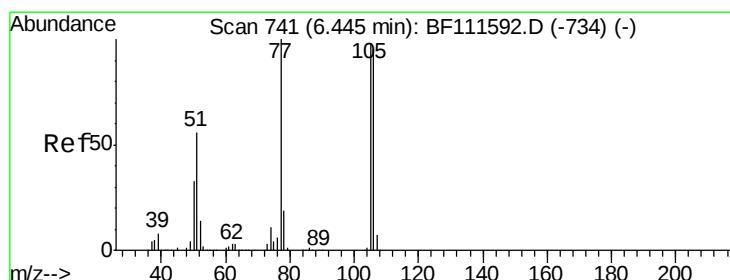
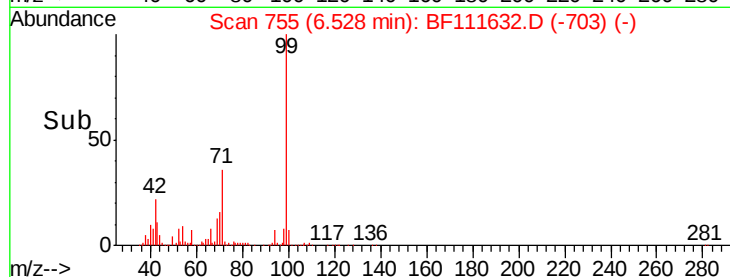
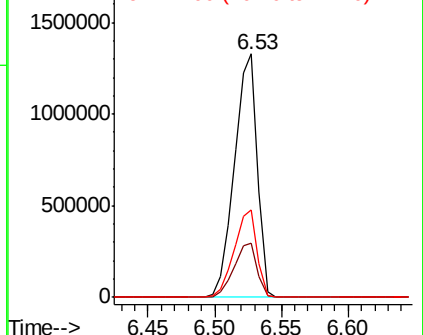
71 36.0 26.1 39.1



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



#9

Benzaldehyde

Concen: 3.860 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111632.D

Acq: 20 Dec 2018 11:54

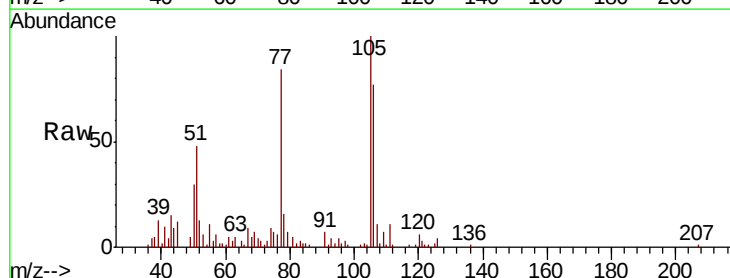
Tgt Ion: 77 Resp: 40802

Ion Ratio Lower Upper

77 100

105 119.6 81.4 121.4

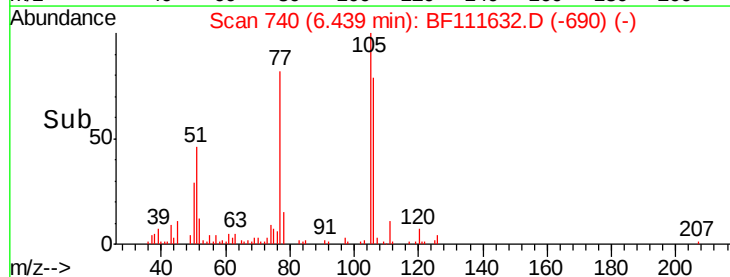
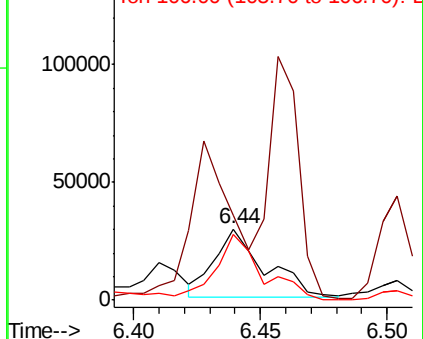
106 91.6 77.9 117.9

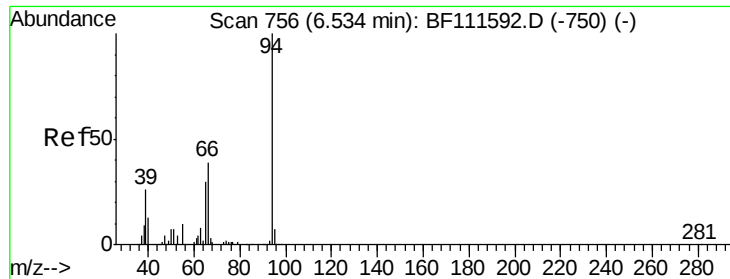


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 22.230 ng

RT: 6.54 min Scan# 757

Delta R.T. 0.01 min

Lab File: BF111632.D

Acq: 20 Dec 2018 11:54

Instrument :

BNA_F

ClientSampleId :

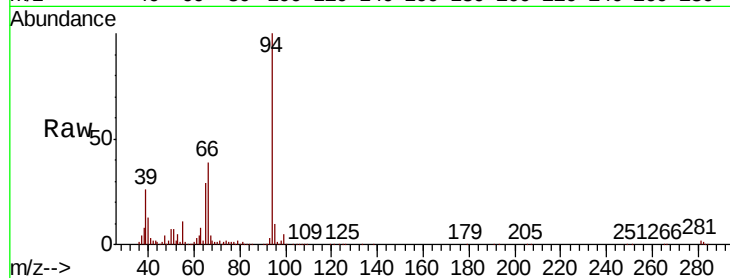
Tot Ion: 94 Resp: 385517

Ion Ratio Lower Upper

94 100

65 29.5 11.7 51.7

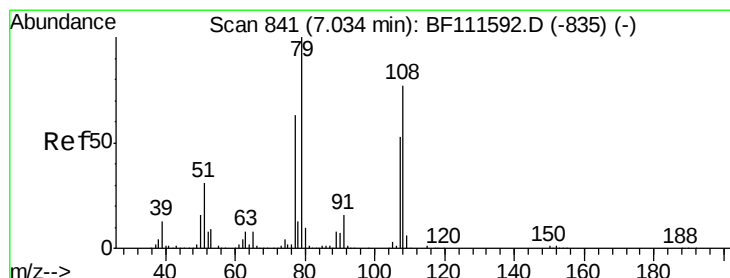
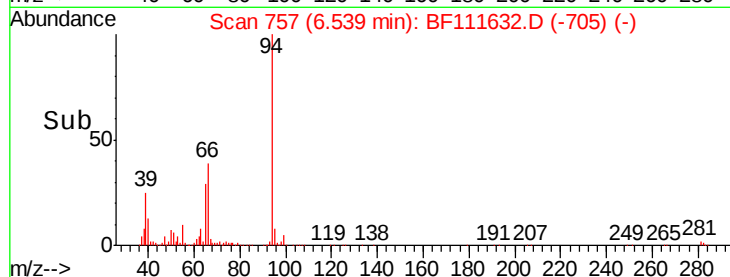
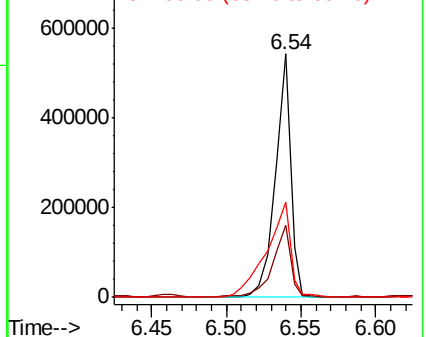
66 38.9 21.0 61.0



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



#15

Benzyl Alcohol

Concen: 30.021 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF111632.D

Acq: 20 Dec 2018 11:54

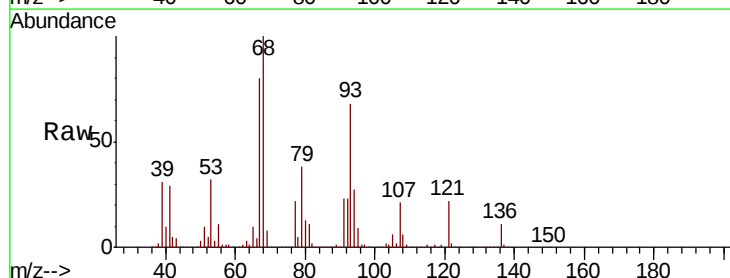
Tgt Ion: 79 Resp: 366459

Ion Ratio Lower Upper

79 100

108 15.6 69.4 104.2#

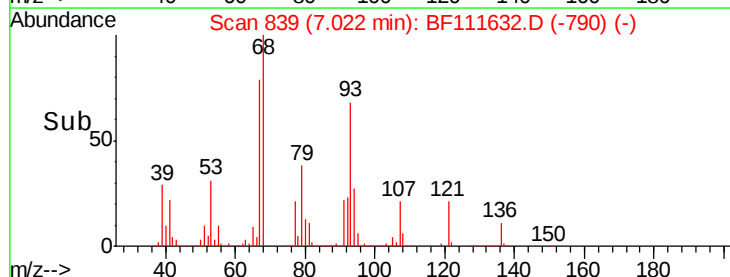
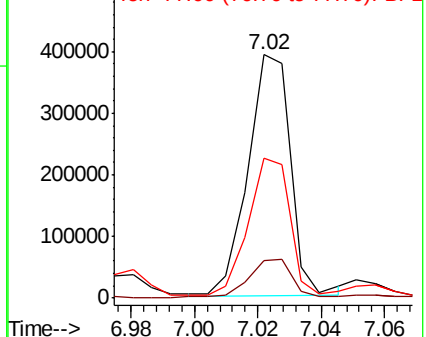
77 57.3 49.7 74.5

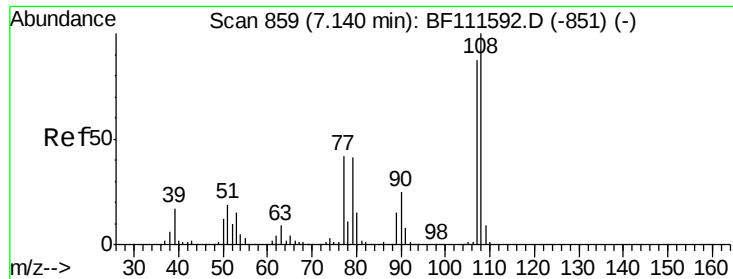


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

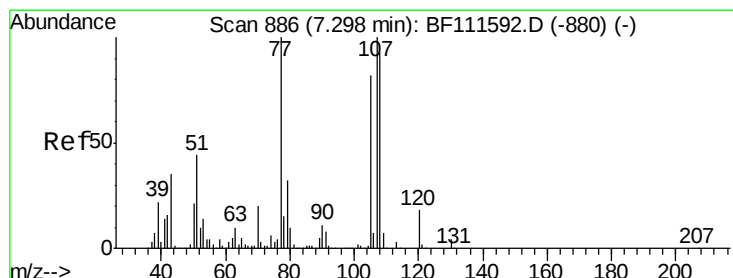
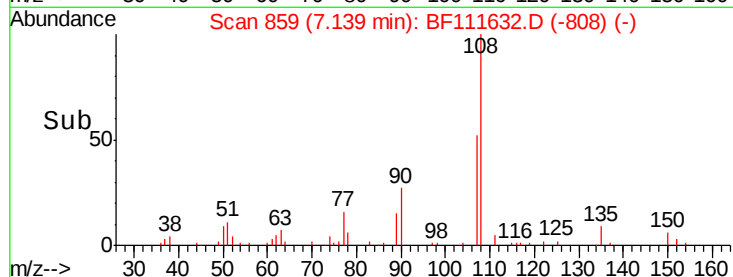
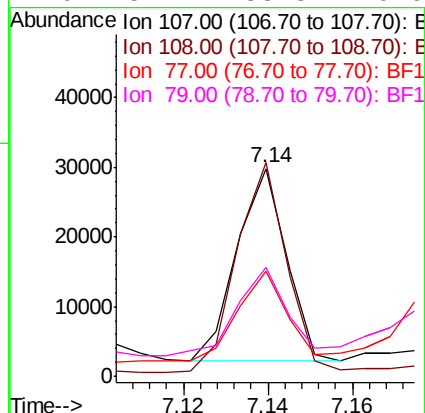
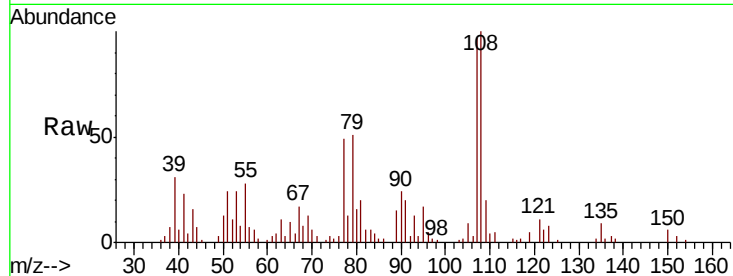




#17
2-Methylphenol
Concen: 2.115 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

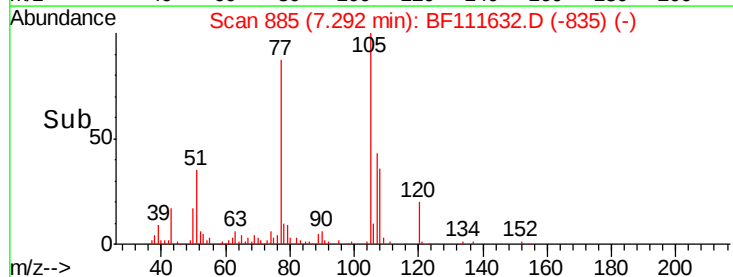
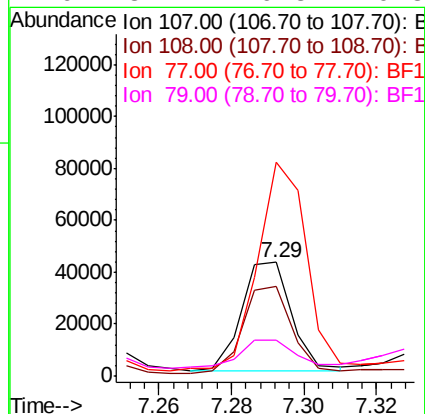
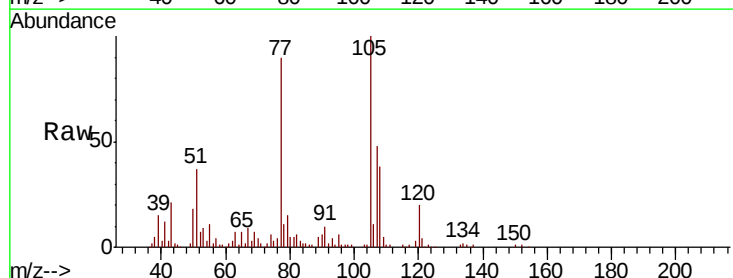
Instrument :
BNA_F
ClientSampled :

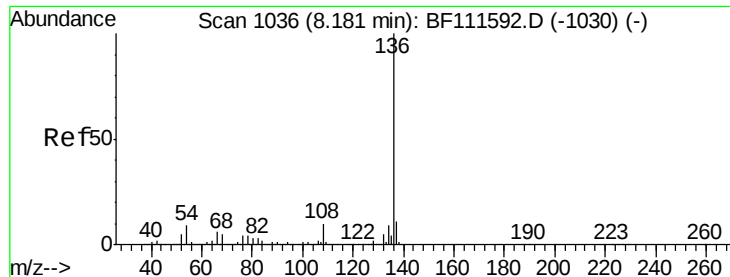
Tot Ion	Ratio	Lower	Upper
107	100		
108	102.8	91.0	136.4
77	50.4	33.5	50.3#
79	52.2	33.3	49.9#



#20
3+4-Methylphenols
Concen: 2.956 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Tgt Ion	Ratio	Lower	Upper
107	100		
108	78.7	72.1	112.1
77	188.0	94.1	134.1#
79	32.1	9.8	49.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF111632.D

Acq: 20 Dec 2018 11:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 759181

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.1	13.7
54	8.5	7.7	11.5
68	5.4	4.9	7.3

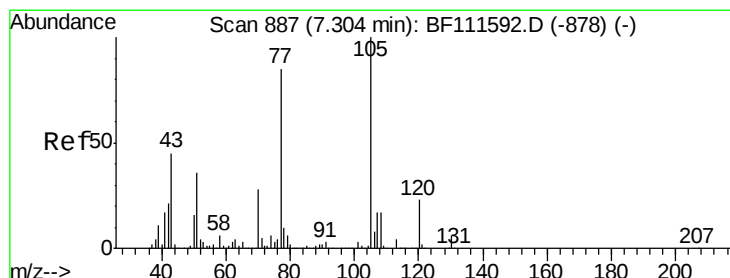
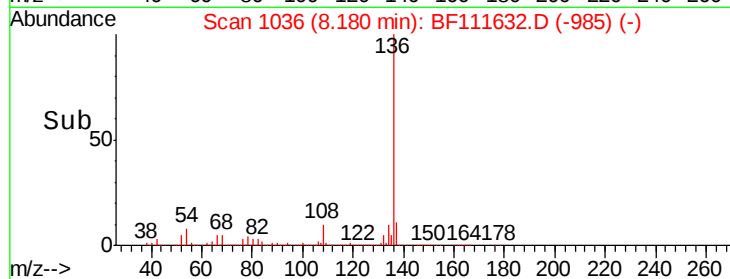
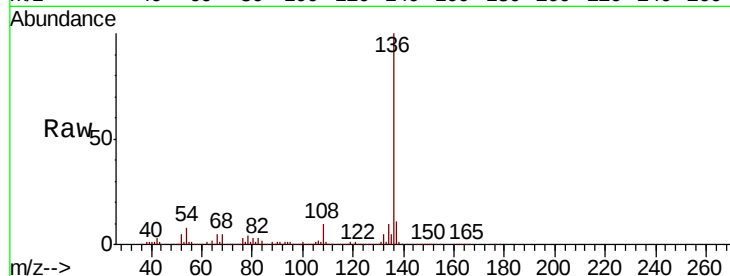
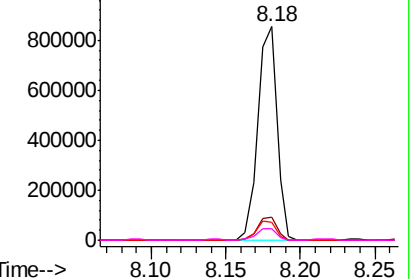
Abundance

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: 4.407 ng

RT: 7.30 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF111632.D

Acq: 20 Dec 2018 11:54

Tgt Ion:105 Resp: 84761

Ion	Ratio	Lower	Upper
105	100		
71	2.7	3.1	4.7#
51	29.7	36.6	54.8#
120	20.5	18.2	27.4

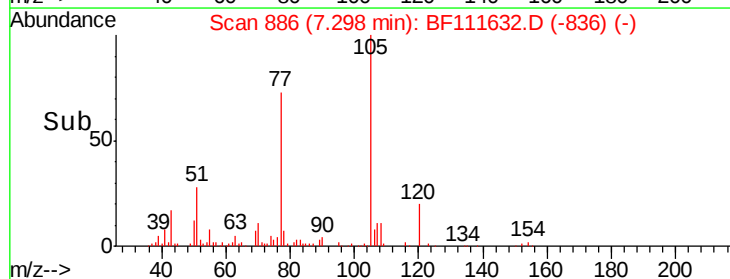
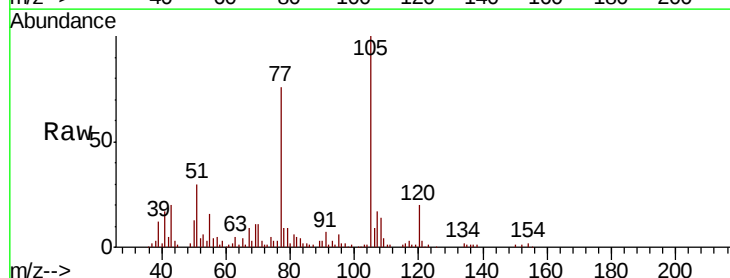
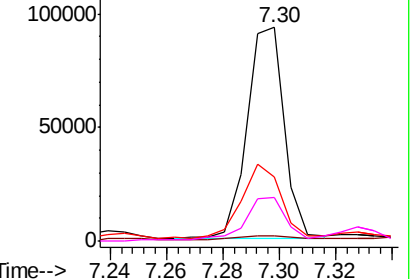
Abundance

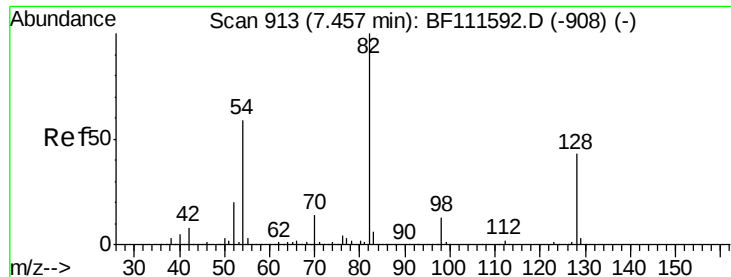
Ion 105.00 (104.70 to 105.70): E

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

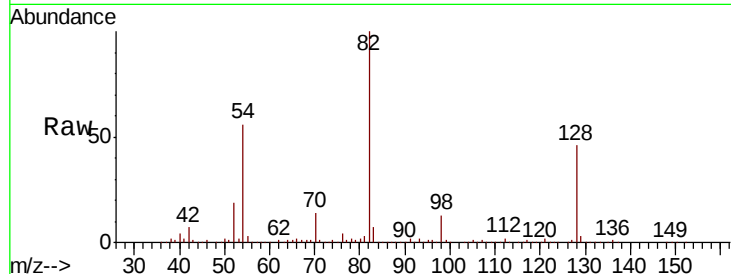




#23
Nitrobenzene-d5
Concen: 71.811 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	936606
Ion	Ratio	Lower	Upper
82	100		
128	45.8	37.4	56.2
54	55.5	47.6	71.4

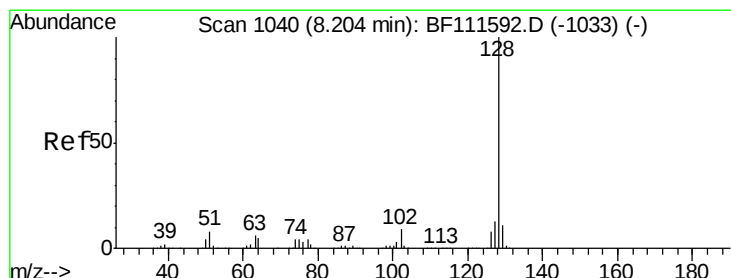
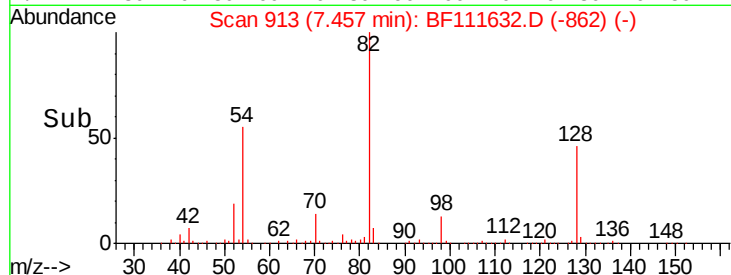
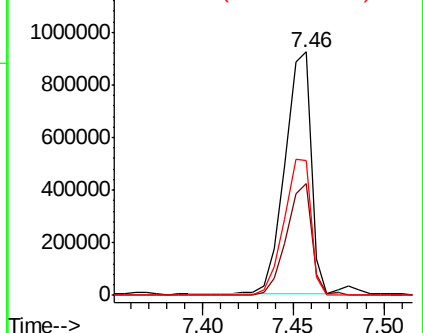


Abundance

Ion 82.00 (81.70 to 82.70): BF1

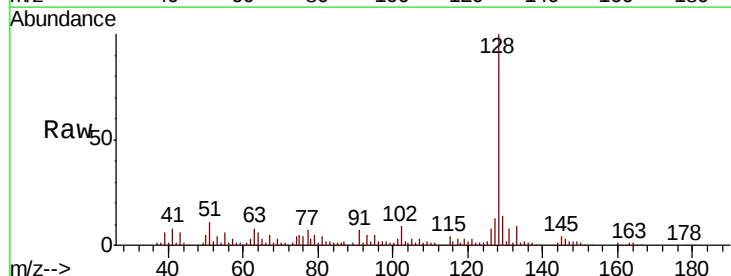
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#31
Naphthalene
Concen: 3.505 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Tgt Ion	128	Resp	127849
Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.8	14.8
127	13.3	12.0	18.0

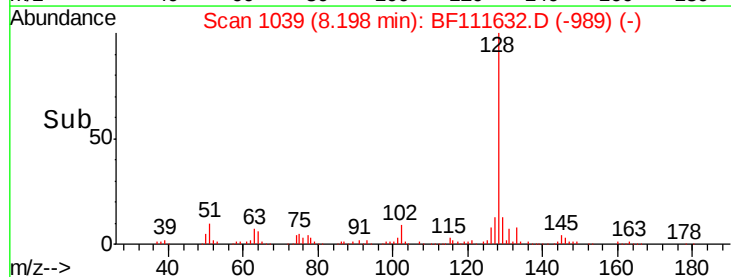
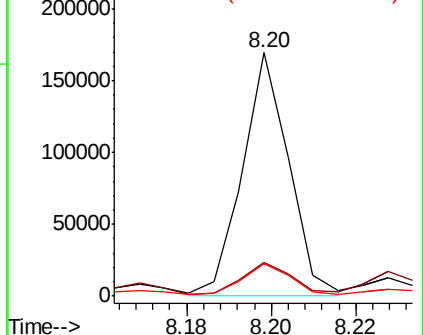


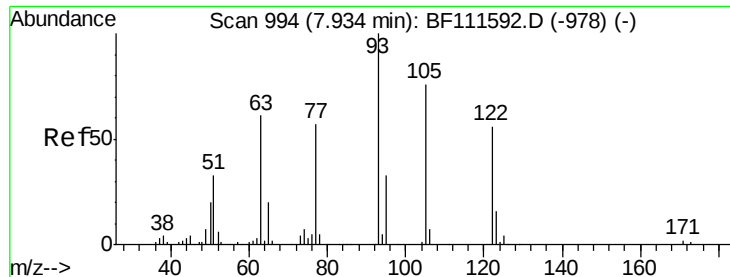
Abundance

Ion 128.00 (127.70 to 128.70): BF1

Ion 129.00 (128.70 to 129.70): BF1

Ion 127.00 (126.70 to 127.70): BF1

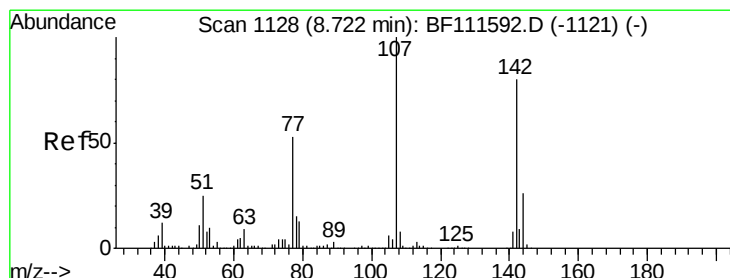
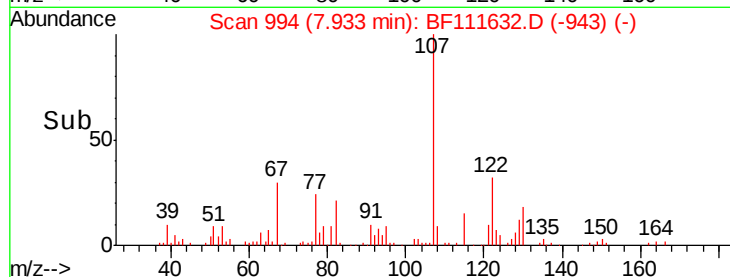
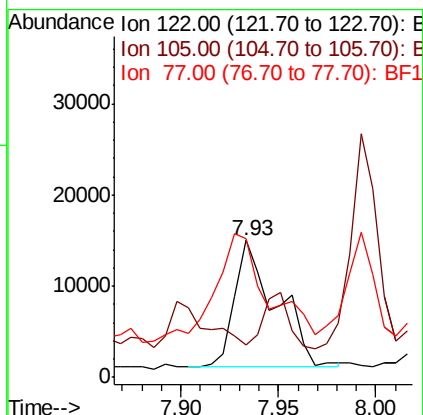
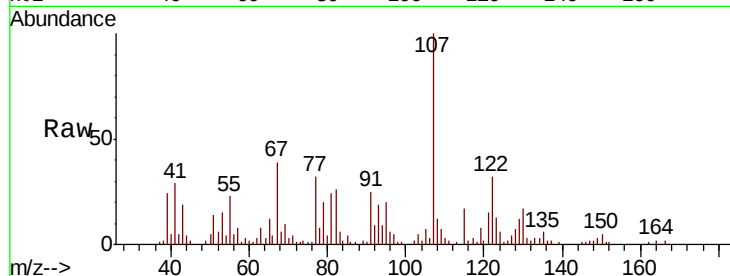




#32
Benzoic acid
Concen: 2.863 ng
RT: 7.93 min Scan# 994
Delta R.T. -0.00 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

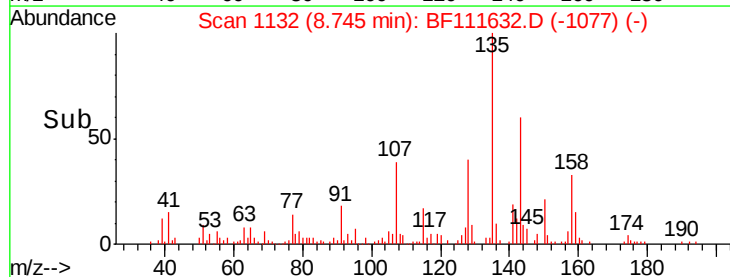
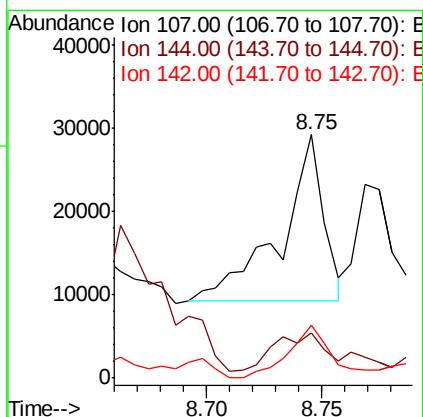
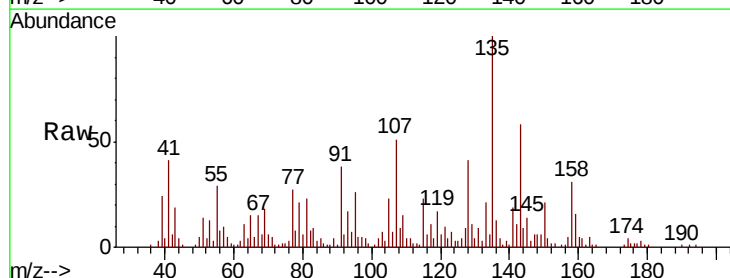
Instrument :
BNA_F
ClientSampleId :

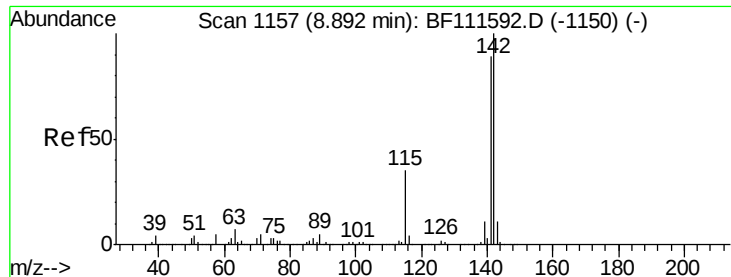
Tot Ion	Ratio	Lower	Upper
122	100		
105	23.4	97.0	137.0#
77	100.8	65.7	105.7



#36
4-Chloro-3-methylphenol
Concen: 2.236 ng
RT: 8.75 min Scan# 1132
Delta R.T. 0.02 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Tgt Ion	Ratio	Lower	Upper
107	100		
144	18.5	19.8	29.6#
142	21.8	62.3	93.5#

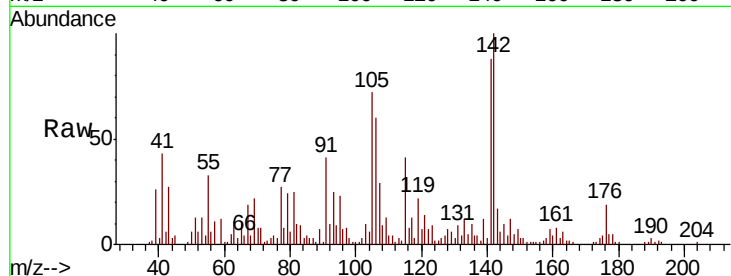




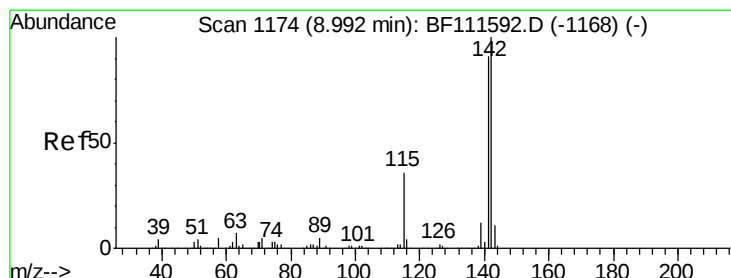
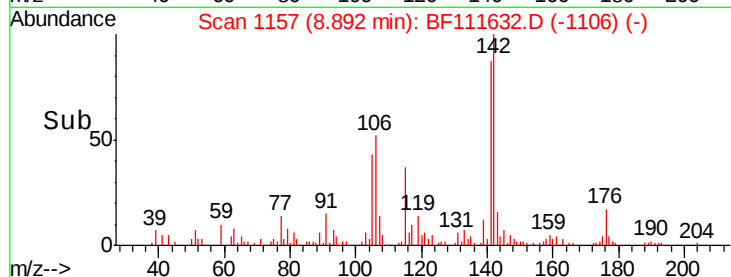
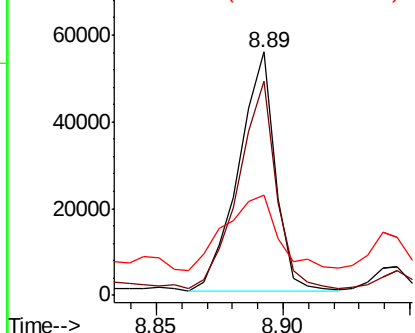
#37
 2-Methylnaphthalene
 Concen: 2.327 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF111632.D
 Acq: 20 Dec 2018 11:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 55218
 Ion Ratio Lower Upper
 142 100
 141 87.8 70.6 105.8
 115 41.2 27.0 40.6#

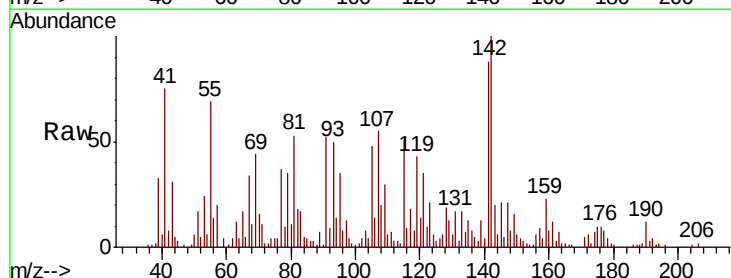


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

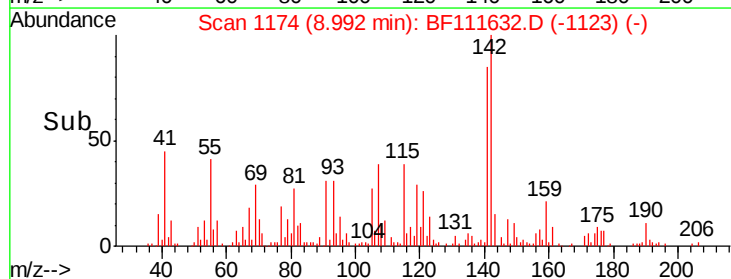
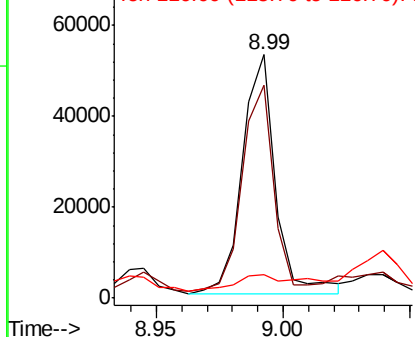


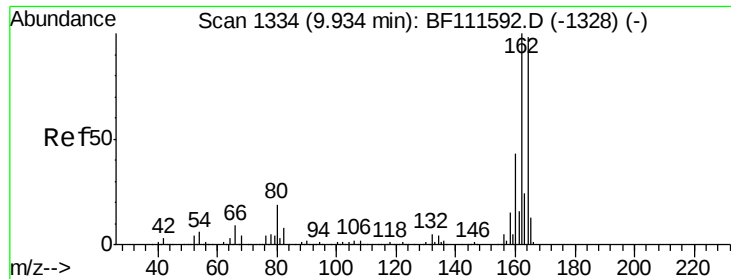
#38
 1-Methylnaphthalene
 Concen: 2.095 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF111632.D
 Acq: 20 Dec 2018 11:54

Tgt Ion:142 Resp: 47753
 Ion Ratio Lower Upper
 142 100
 141 87.6 74.2 111.4
 116 9.5 2.9 4.3#



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

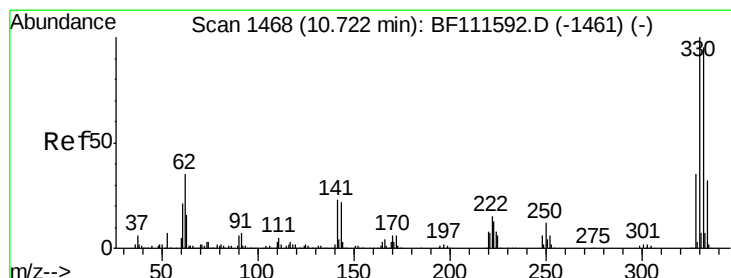
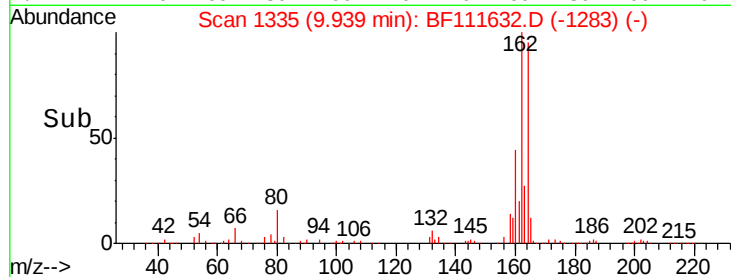
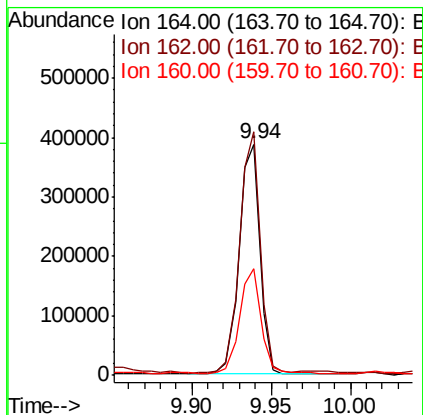
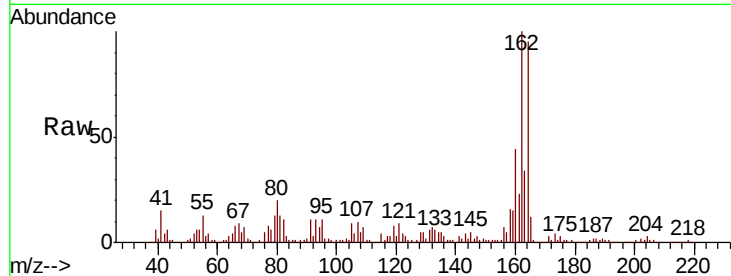




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF111632.D
 Acq: 20 Dec 2018 11:54

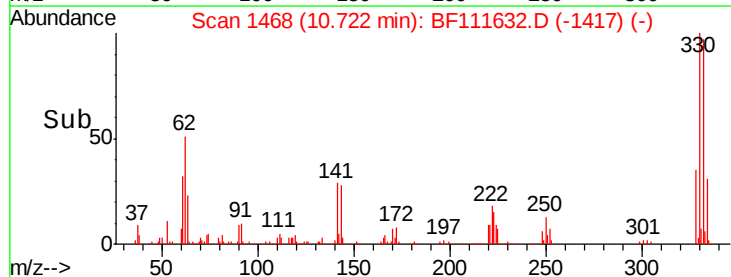
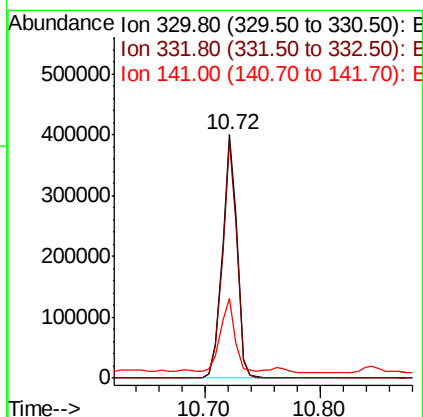
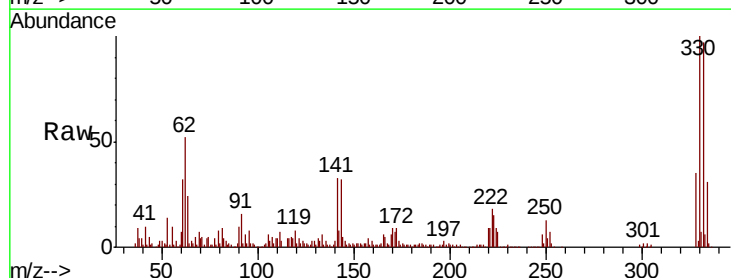
Instrument :
 BNA_F
 ClientSampleId :

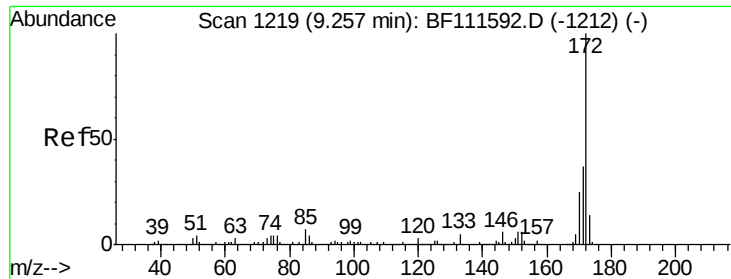
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.4	81.4	122.0
160	46.1	35.7	53.5



#42
 2,4,6-Tribromophenol
 Concen: 84.729 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF111632.D
 Acq: 20 Dec 2018 11:54

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.0	114.0
141	30.1	31.0	46.6#

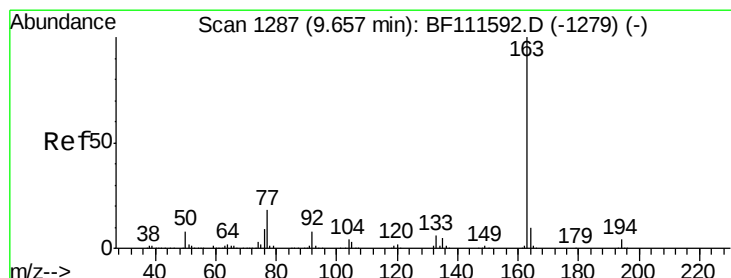
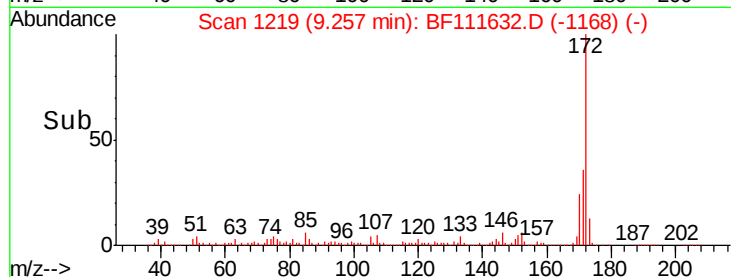
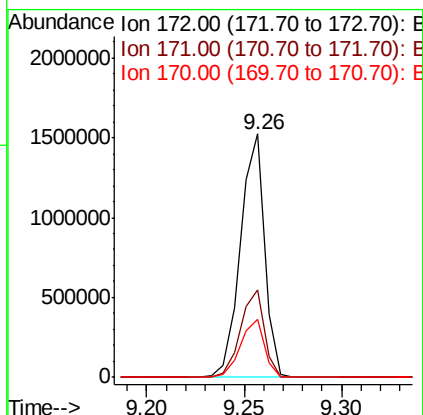
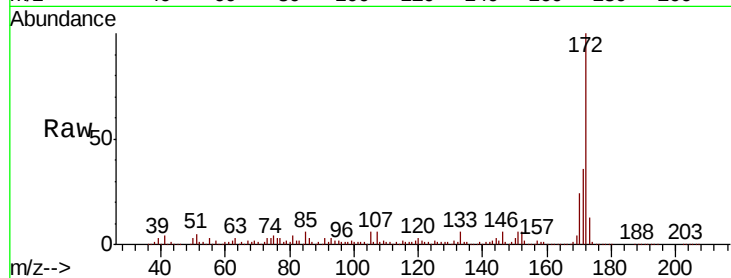




#45
2-Fluorobiphenyl
Concen: 54.286 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.00 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

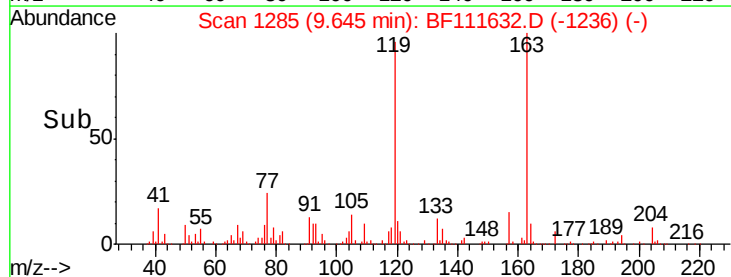
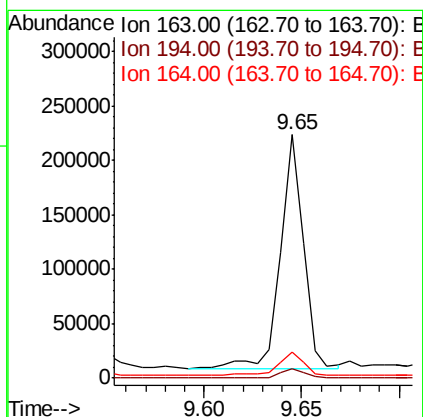
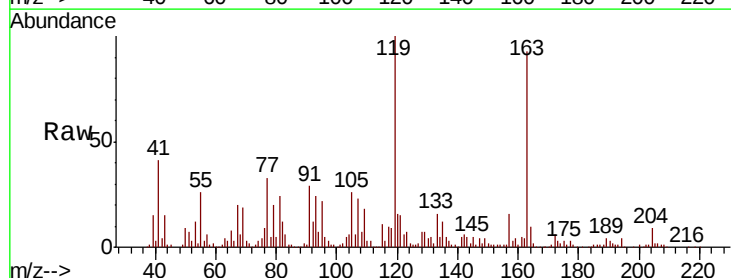
Instrument :
BNA_F
ClientSampleId :

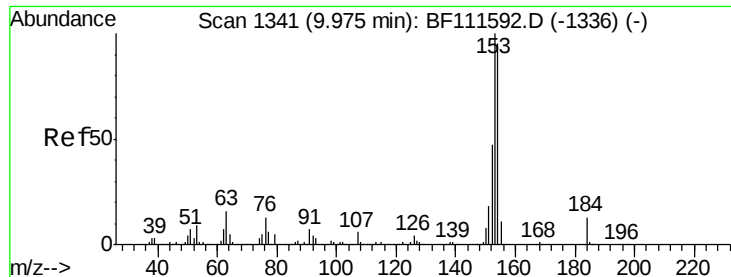
Tot Ion:172 Resp: 1305549
Ion Ratio Lower Upper
172 100
171 35.8 33.0 49.4
170 23.6 22.3 33.5



#50
Dimethylphthalate
Concen: 6.961 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Tgt Ion:163 Resp: 178435
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.7 8.9 13.3

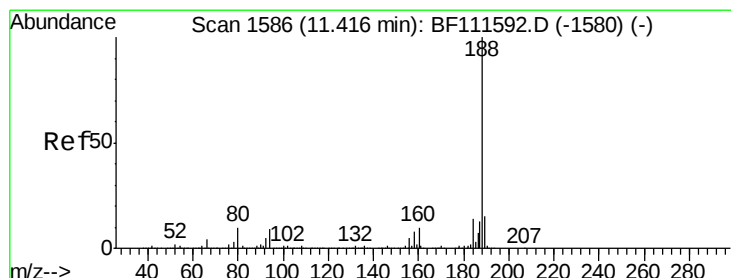
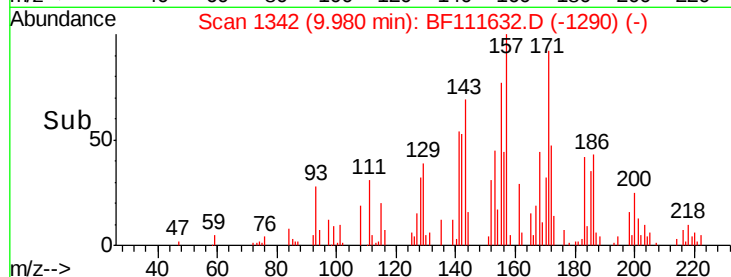
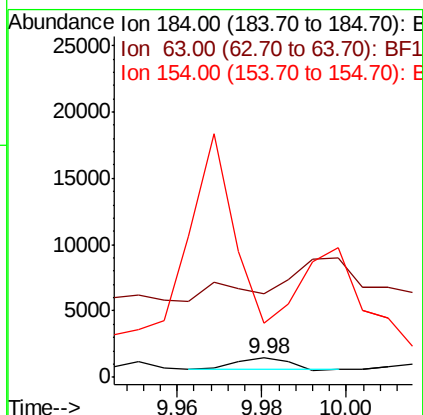
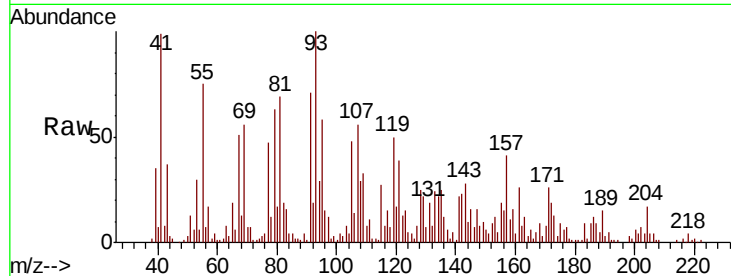




#54
 2,4-Dinitrophenol
 Concen: 7.715 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF111632.D
 Acq: 20 Dec 2018 11:54

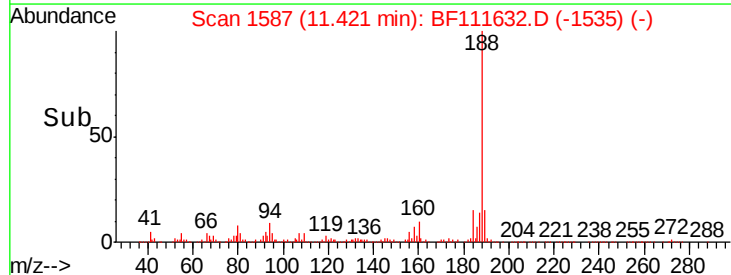
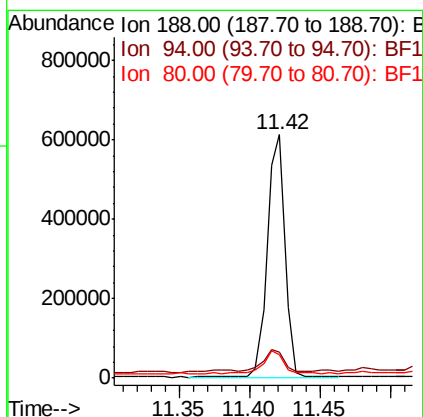
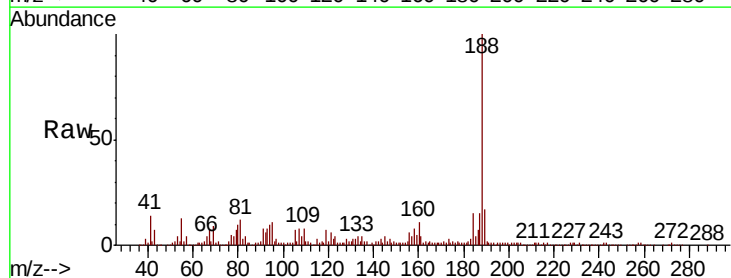
Instrument :
 BNA_F
 ClientSampleId :

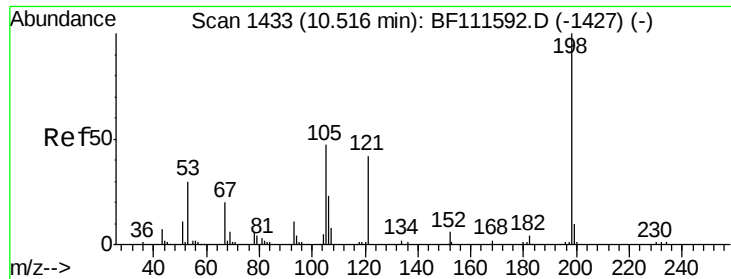
Tot Ion:184 Resp: 736
 Ion Ratio Lower Upper
 184 100
 63 430.0 62.3 93.5#
 154 277.7 56.2 84.2#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.42 min Scan# 1587
 Delta R.T. 0.01 min
 Lab File: BF111632.D
 Acq: 20 Dec 2018 11:54

Tgt Ion:188 Resp: 543468
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.6 14.4
 80 9.6 9.8 14.6#

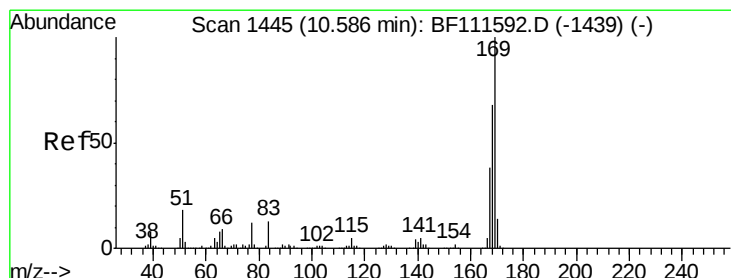
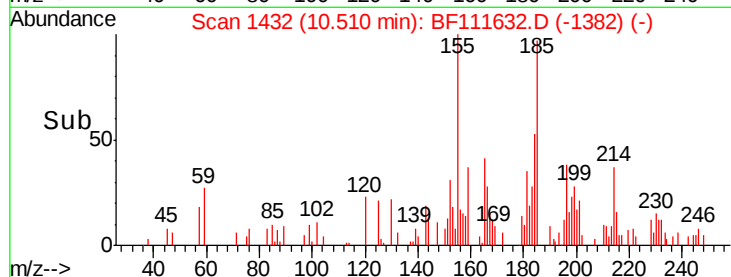
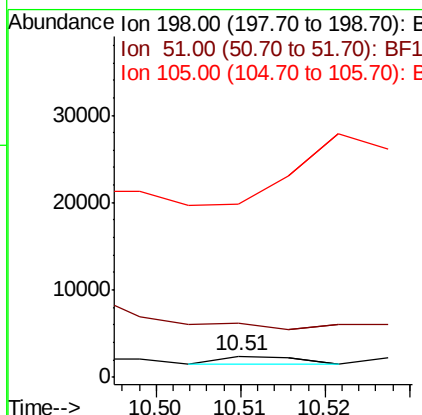
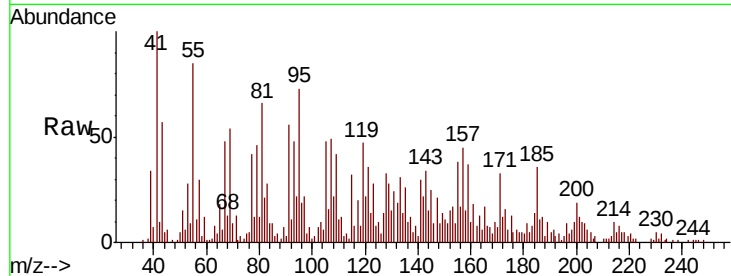




#65
4,6-Dinitro-2-methylphenol
Concen: 6.932 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.01 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

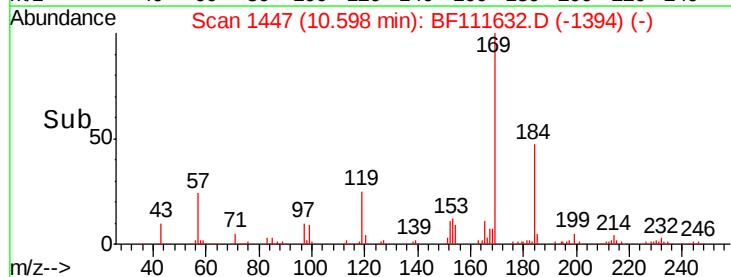
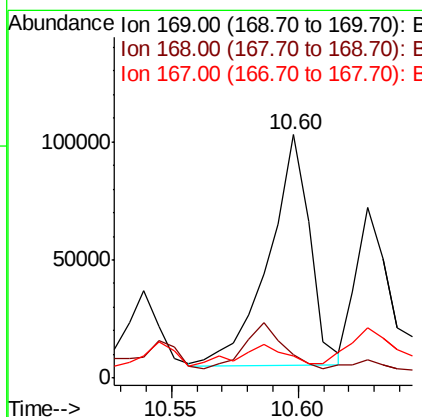
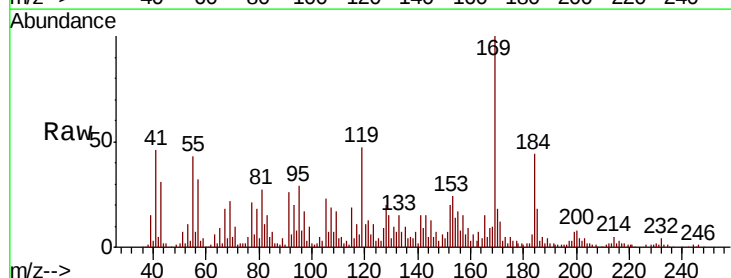
Instrument :
BNA_F
ClientSampleId :

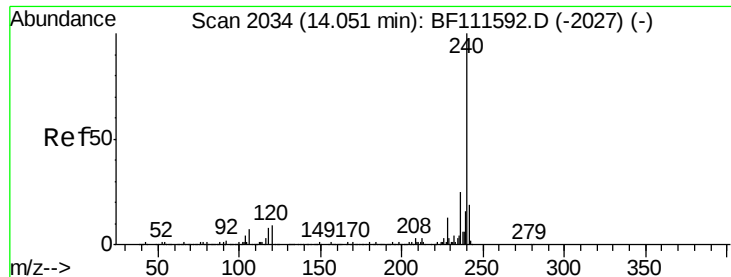
Tot Ion	Ratio	Lower	Upper
198	100		
51	252.4	48.0	88.0#
105	808.2	34.0	74.0#



#66
n-Nitrosodiphenylamine
Concen: 6.013 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Tgt Ion	Ratio	Lower	Upper
169	100		
168	9.5	54.4	81.6#
167	9.0	30.5	45.7#

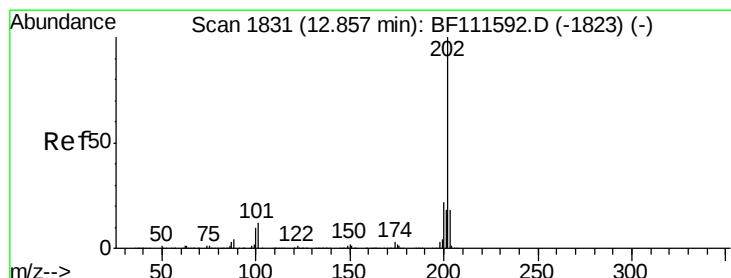
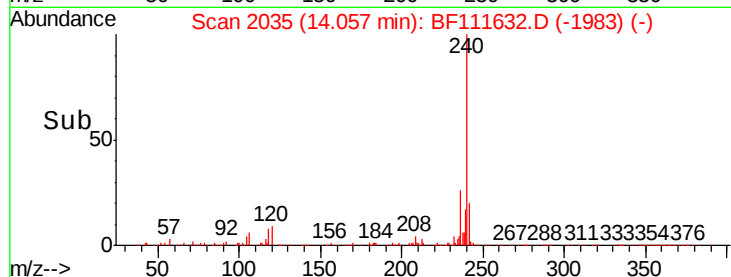
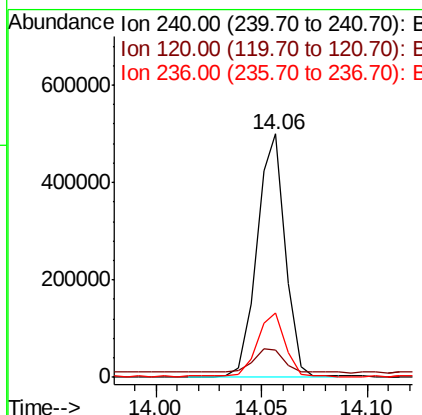
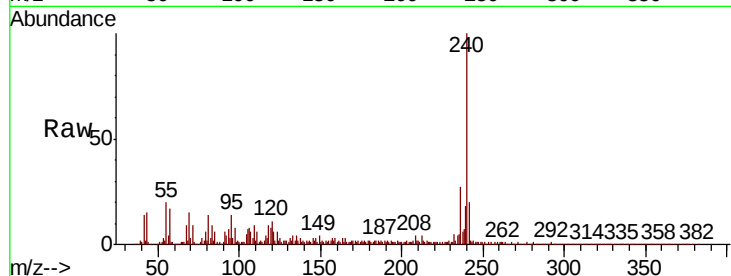




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

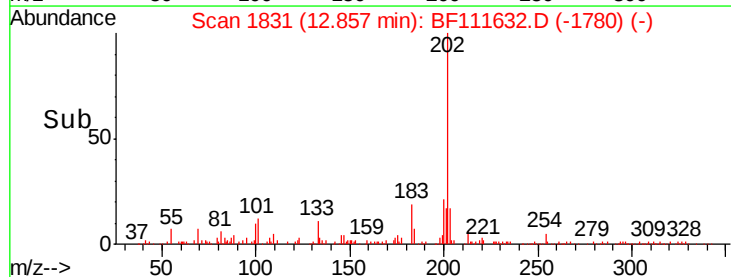
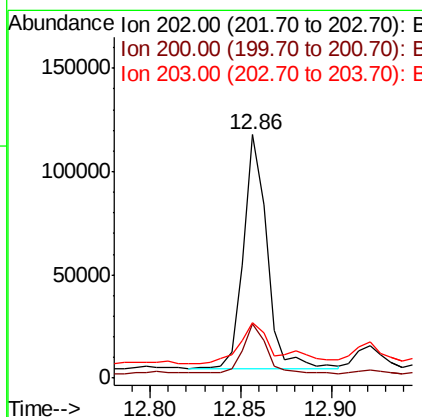
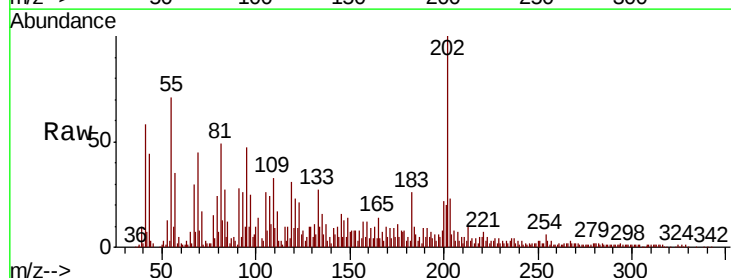
Instrument :
BNA_F
ClientSampleId :

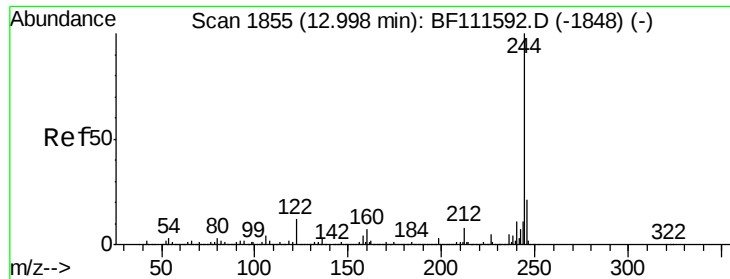
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	12.2	18.2#
236	26.7	20.2	30.2



#78
Pyrene
Concen: 3.131 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF111632.D
Acq: 20 Dec 2018 11:54

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.2	19.0	28.4
203	23.0	15.2	22.8#





#79

Terphenyl-d14

Concen: 40.618 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BF111632.D

Acq: 20 Dec 2018 11:54

Instrument :

BNA_F

ClientSampleId :

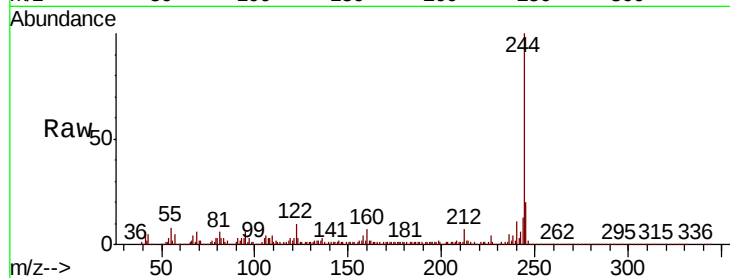
Tot Ion:244 Resp: 986112

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

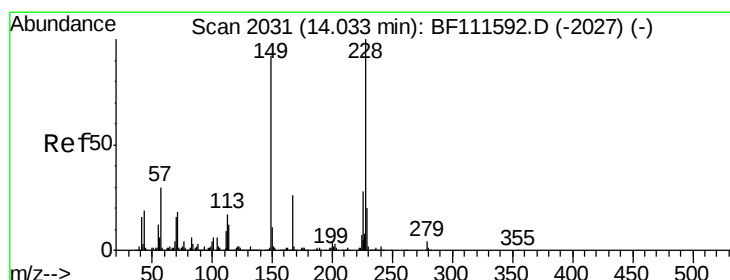
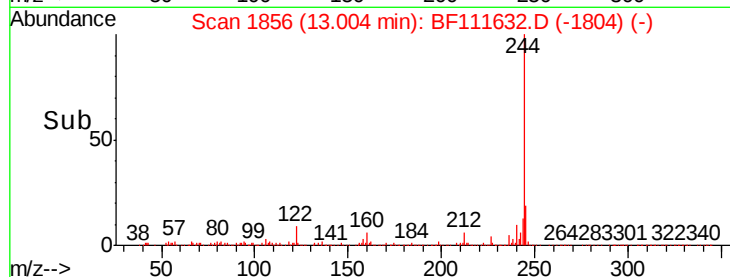
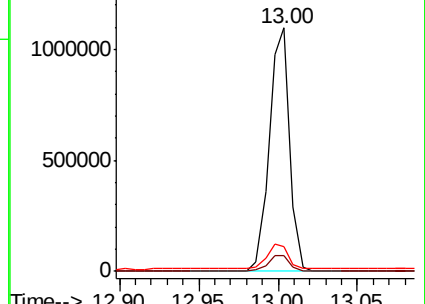
122 10.1 13.1 19.7#



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 6.899 ng

RT: 14.04 min Scan# 2032

Delta R.T. 0.01 min

Lab File: BF111632.D

Acq: 20 Dec 2018 11:54

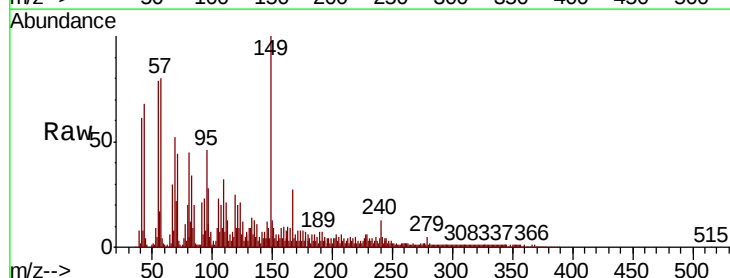
Tgt Ion:149 Resp: 115169

Ion Ratio Lower Upper

149 100

167 27.3 22.5 33.7

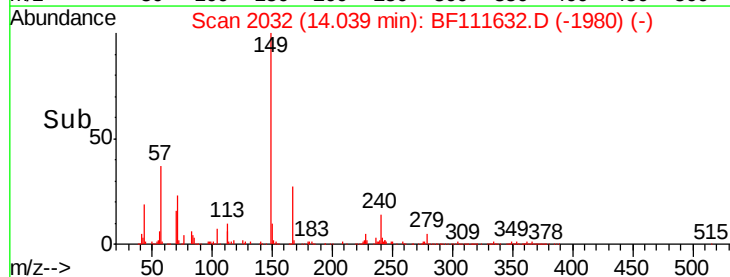
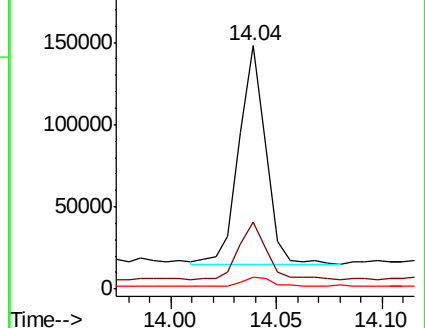
279 5.1 2.6 4.0#

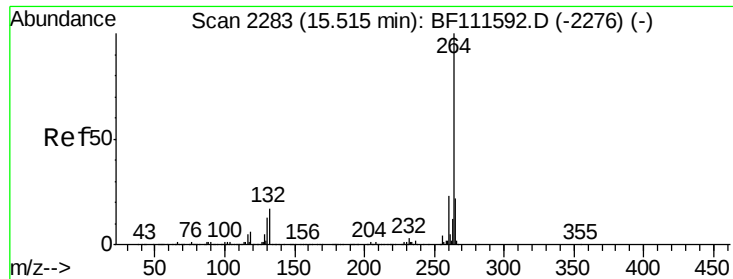


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.53 min Scan# 2286
 Delta R.T. 0.02 min
 Lab File: BF111632.D
 Acq: 20 Dec 2018 11:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.3	27.5
265	21.5	17.7	26.5

