

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
 Data File : BF110681.D
 Acq On : 12 Nov 2018 18:21
 Operator : JU/SJ
 Sample : J5269-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-D

Quant Time: Nov 13 05:40:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	83183	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	343808	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	167289	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	311557	20.00	ng	0.00
76) Chrysene-d12	14.13	240	204611	20.00	ng	-0.01
87) Perylene-d12	15.66	264	148761	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	512757	100.13	ng	0.01
7) Phenol-d6	6.57	99	578602	88.35	ng	0.00
23) Nitrobenzene-d5	7.51	82	465050	77.90	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	184195	109.27	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	868868	74.18	ng	0.00
79) Terphenyl-d14	13.06	244	832610	76.21	ng	0.00

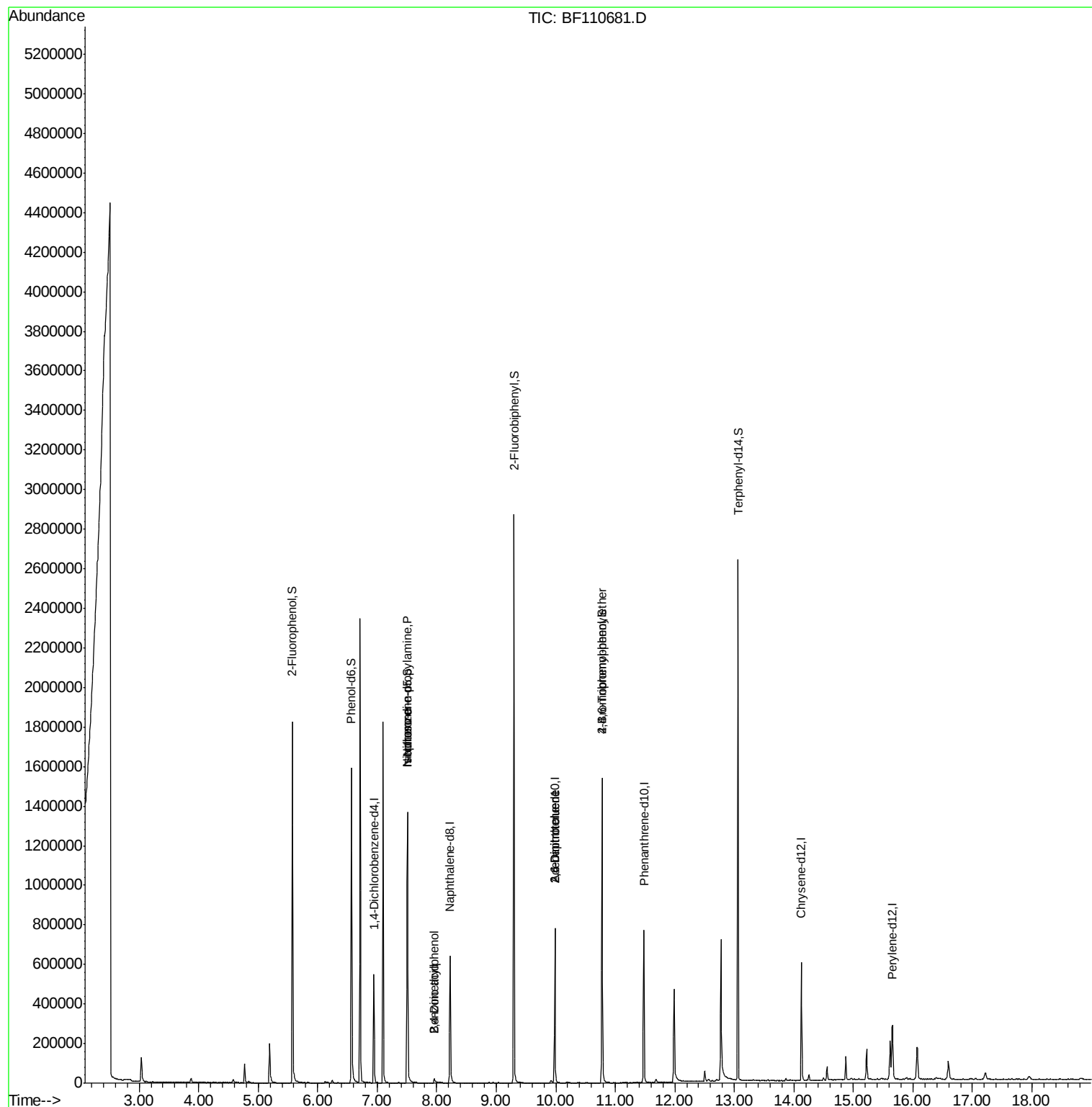
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.57	77	774	Below Cal		# 1
19) n-Nitroso-di-n-propylamine	7.51	70	61363	14.679	ng	# 79
25) Isophorone	7.51	82	465047	47.527	ng	# 67
27) 2,4-Dimethylphenol	7.96	122	10621	2.285	ng	# 3
32) Benzoic acid	7.96	122	10621	3.230	ng	# 86
51) 2,6-Dinitrotoluene	9.98	165	20608	7.505	ng	# 22
57) 2,4-Dinitrotoluene	9.98	165	20608	5.772	ng	# 18
67) 4-Bromophenyl-phenylether	10.78	248	12214	3.547	ng	# 1

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

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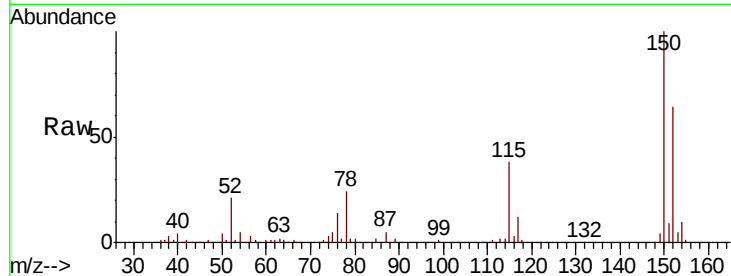




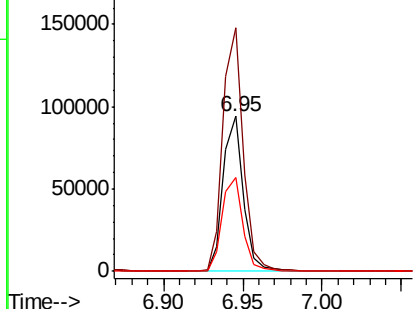
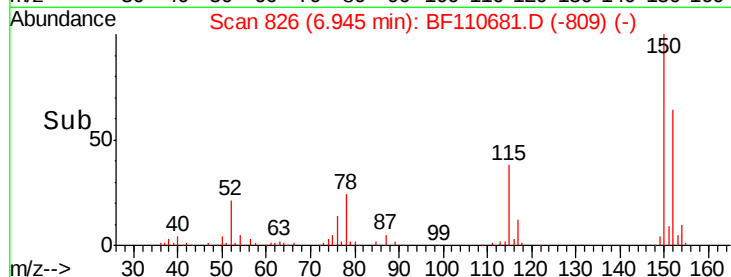
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110681.D
 Acq: 12 Nov 2018 18:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-D

Tgt Ion:152 Resp: 83183
 Ion Ratio Lower Upper
 152 100
 150 156.9 122.7 184.1
 115 60.4 49.1 73.7

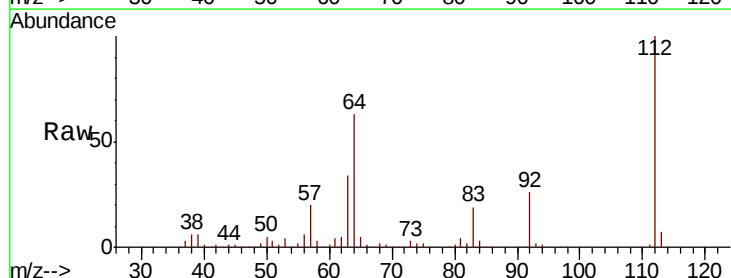


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

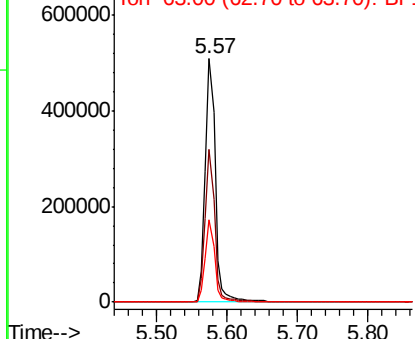
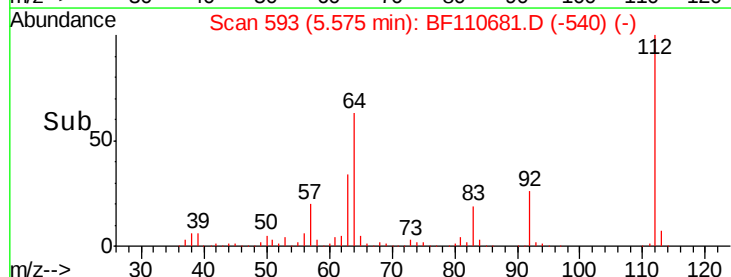


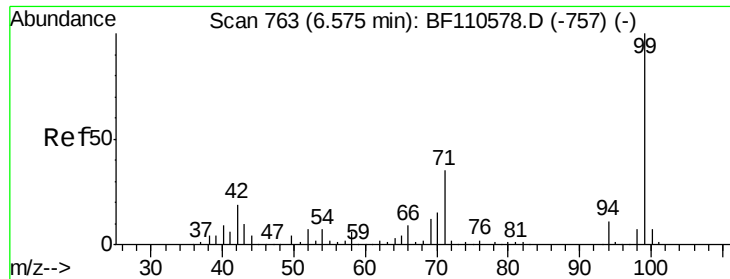
#5
 2-Fluorophenol
 Concen: 100.126 ng
 RT: 5.57 min Scan# 593
 Delta R.T. 0.01 min
 Lab File: BF110681.D
 Acq: 12 Nov 2018 18:21

Tgt Ion:112 Resp: 512757
 Ion Ratio Lower Upper
 112 100
 64 62.7 44.1 66.1
 63 34.0 23.7 35.5



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: 88.354 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110681.D

Acq: 12 Nov 2018 18:21

Instrument :

BNA_F

ClientSampleId :

SB-13-D

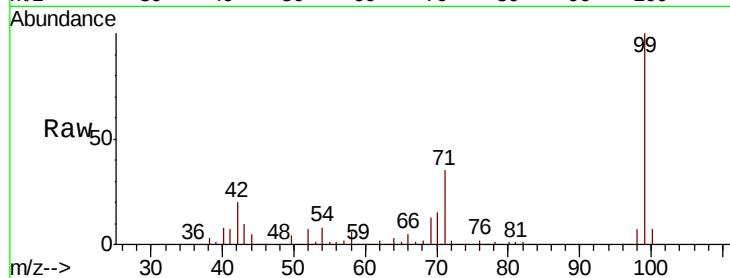
Tgt Ion: 99 Resp: 578602

Ion Ratio Lower Upper

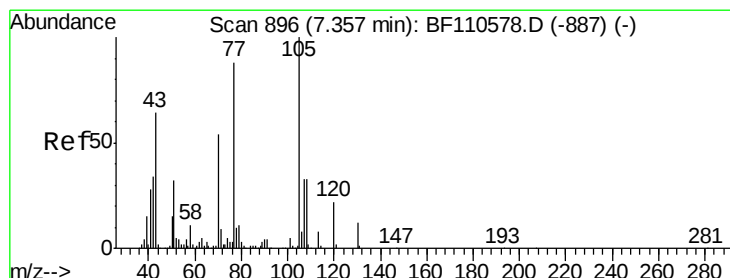
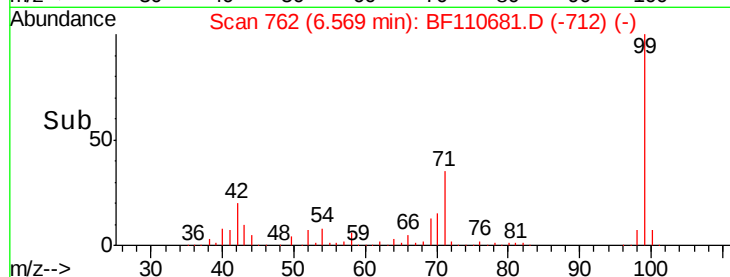
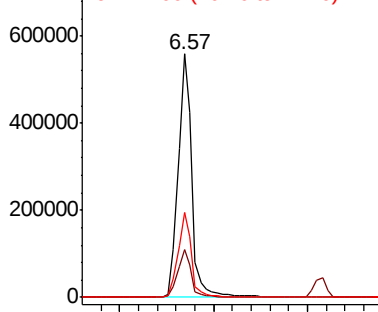
99 100

42 19.7 15.8 23.6

71 34.8 28.0 42.0



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: 14.679 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110681.D

Acq: 12 Nov 2018 18:21

Tgt Ion: 70 Resp: 61363

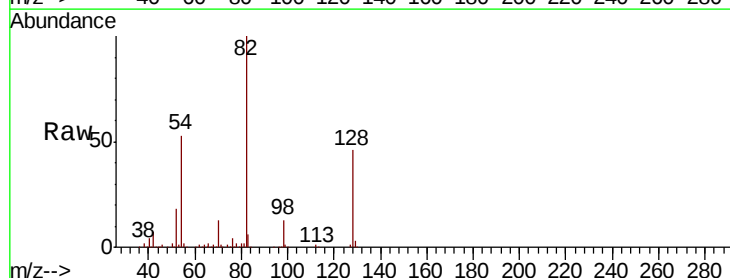
Ion Ratio Lower Upper

70 100

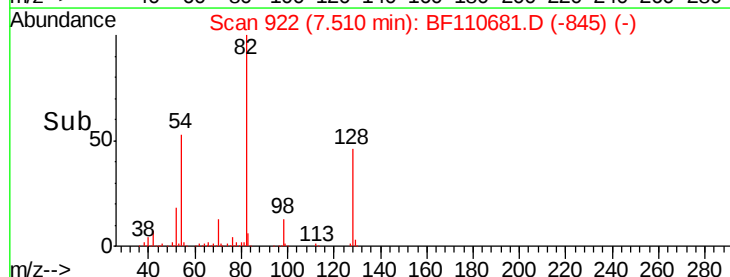
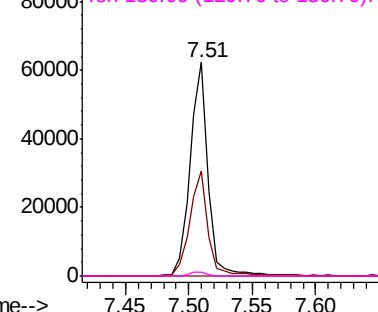
42 49.1 47.4 71.2

101 0.0 7.3 10.9#

130 2.1 16.2 24.2#



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

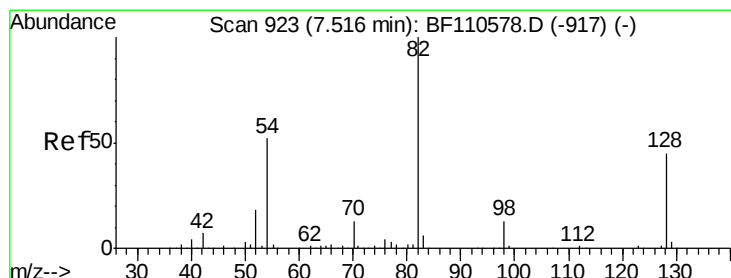
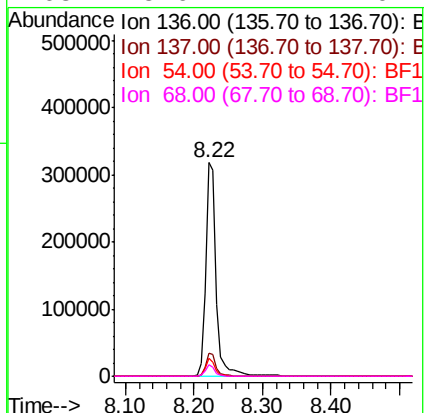
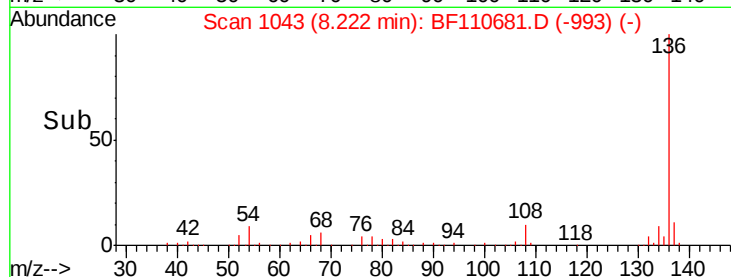
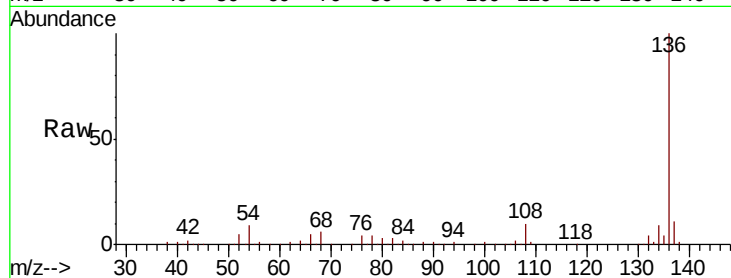




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110681.D
Acq: 12 Nov 2018 18:21

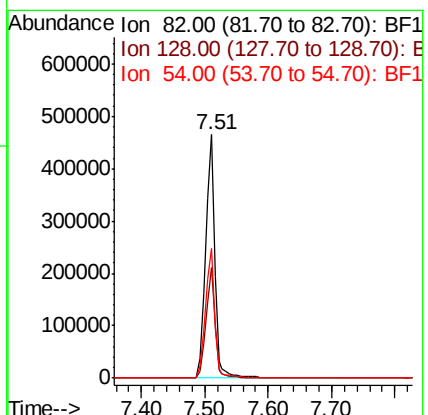
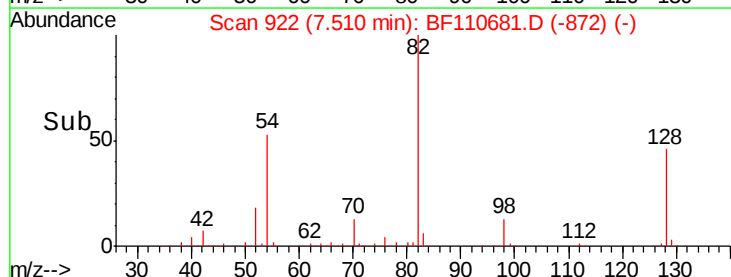
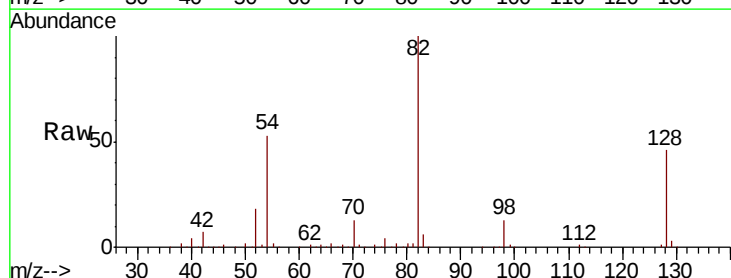
Instrument :
BNA_F
ClientSampleId :
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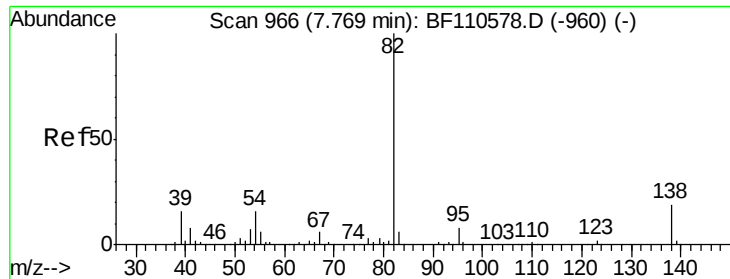
Tgt Ion:	136	Resp:	343808
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	8.7	5.4	8.2#
68	5.6	4.2	6.2



#23
Nitrobenzene-d5
Concen: 77.898 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110681.D
Acq: 12 Nov 2018 18:21

Tgt Ion:	82	Resp:	465050
Ion	Ratio	Lower	Upper
82	100		
128	45.6	34.2	51.2
54	53.1	38.6	58.0





#25

Isophorone

Concen: 47.527 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110681.D

Acq: 12 Nov 2018 18:21

Instrument :

BNA_F

ClientSampleId :

SB-13-D

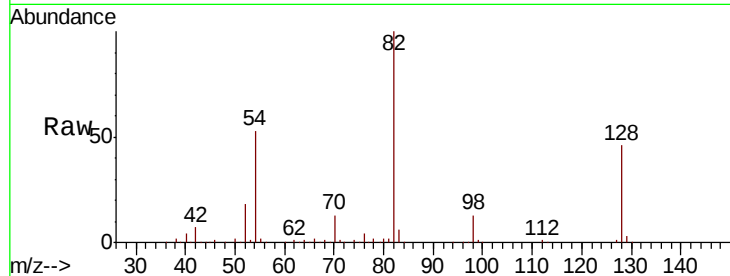
Tgt Ion: 82 Resp: 465047

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

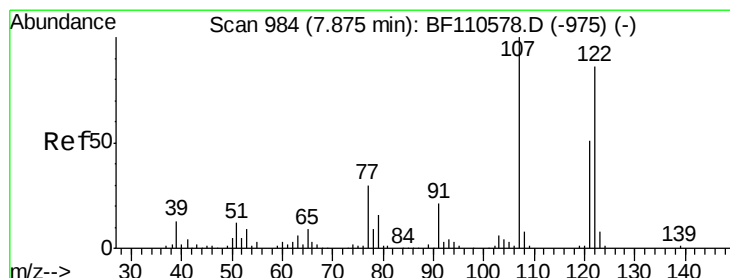
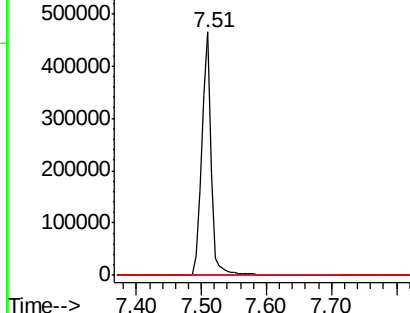
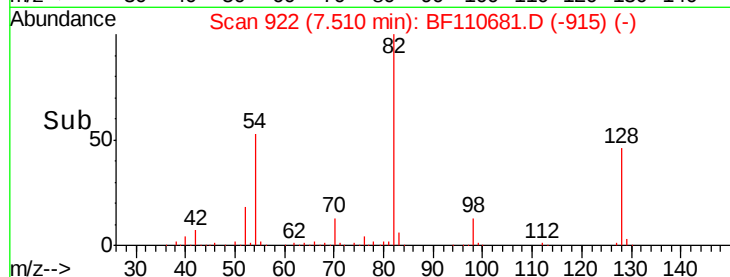
138 0.0 13.2 19.8#



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



#27

2,4-Dimethylphenol

Concen: 2.285 ng

RT: 7.96 min Scan# 998

Delta R.T. 0.08 min

Lab File: BF110681.D

Acq: 12 Nov 2018 18:21

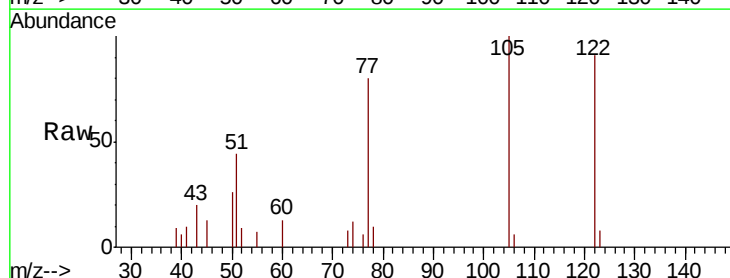
Tgt Ion: 122 Resp: 10621

Ion Ratio Lower Upper

122 100

107 0.0 92.5 138.7#

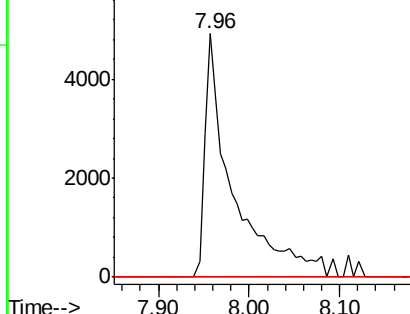
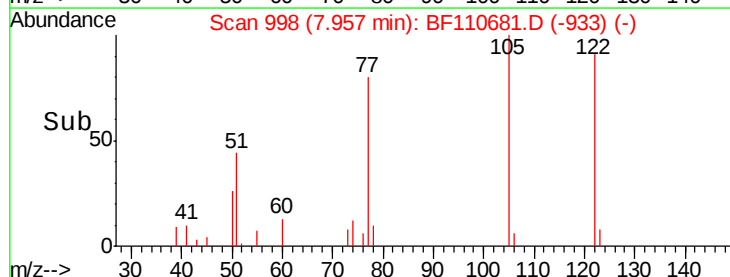
121 0.0 45.8 68.8#

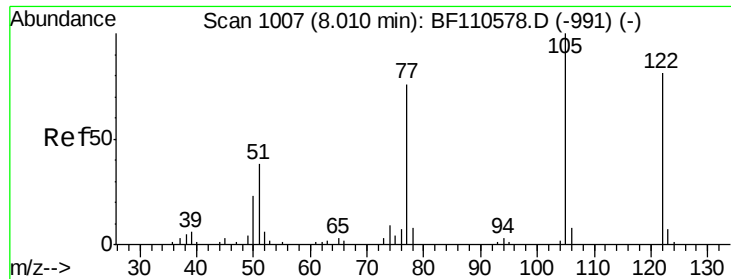


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E

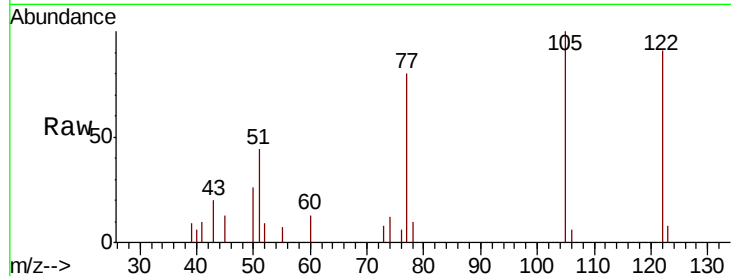




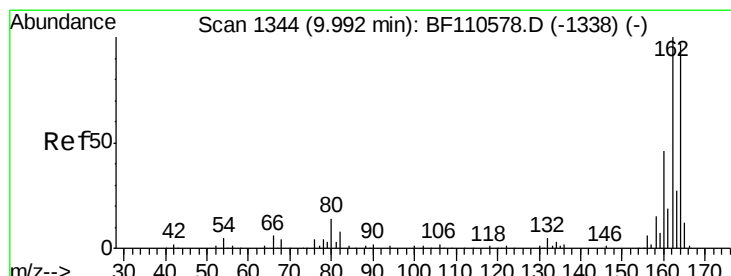
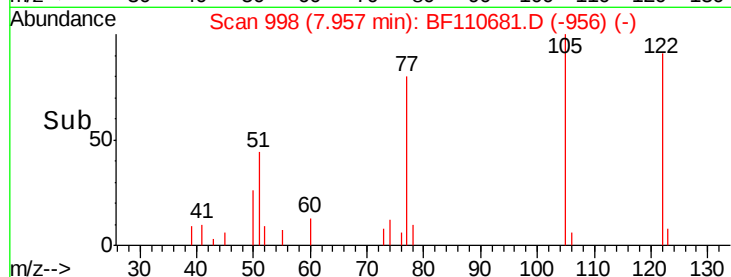
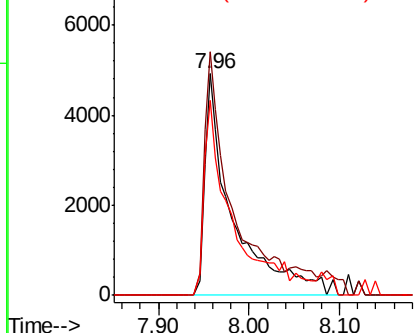
#32
Benzoic acid
Concen: 3.230 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.05 min
Lab File: BF110681.D
Acq: 12 Nov 2018 18:21

Instrument :
BNA_F
ClientSampleId :
SB-13-D

Tgt Ion:122 Resp: 10621
Ion Ratio Lower Upper
122 100
105 109.9 109.0 149.0
77 87.8 79.0 119.0

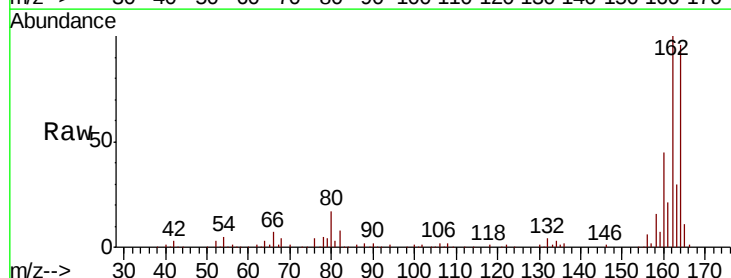


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

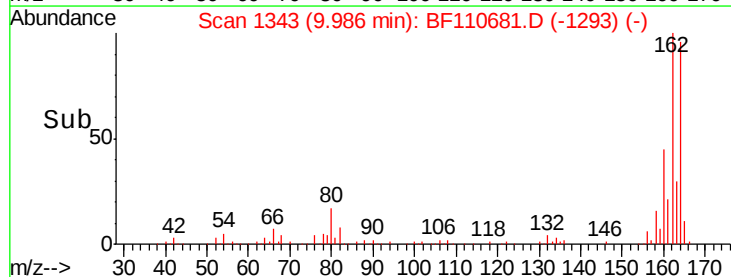
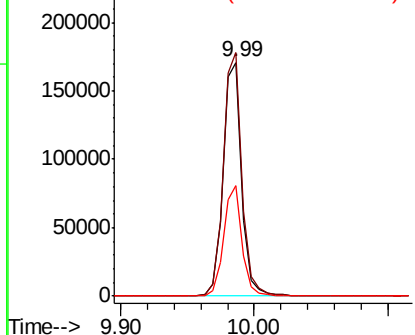


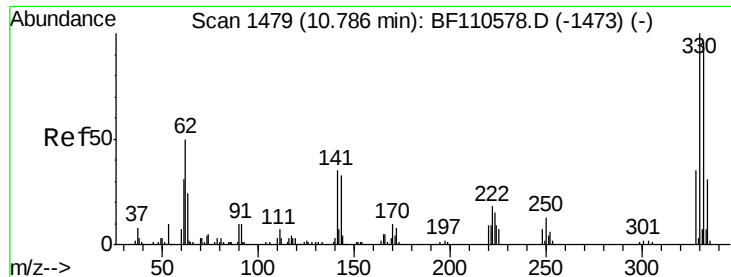
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110681.D
Acq: 12 Nov 2018 18:21

Tgt Ion:164 Resp: 167289
Ion Ratio Lower Upper
164 100
162 104.0 83.0 124.6
160 47.2 37.0 55.6



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: 109.273 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110681.D

Acq: 12 Nov 2018 18:21

Instrument :

BNA_F

ClientSampleId :

SB-13-D

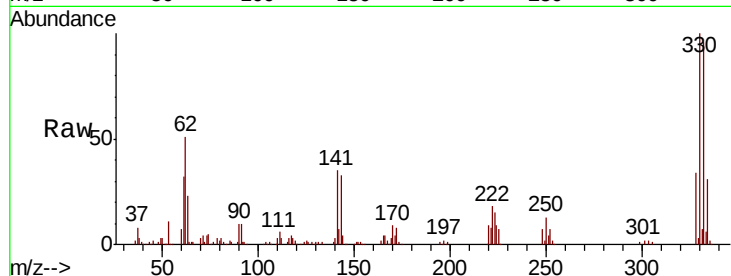
Tgt Ion:330 Resp: 184195

Ion Ratio Lower Upper

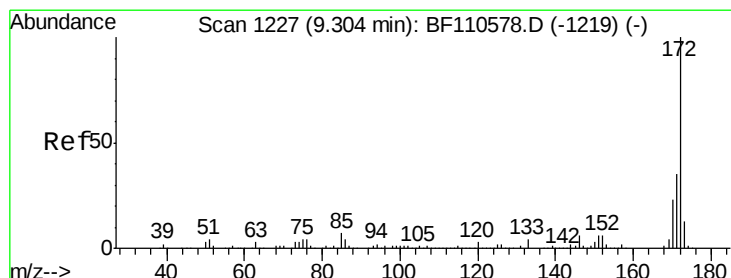
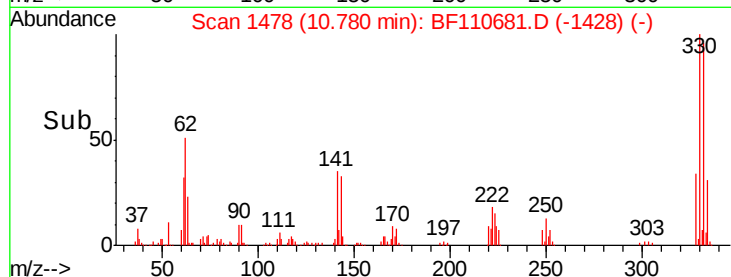
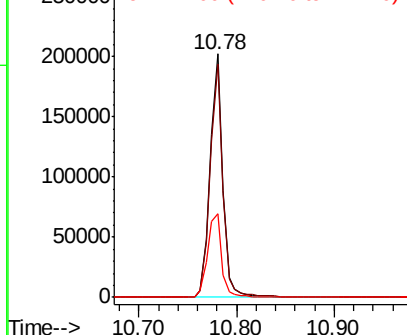
330 100

332 96.2 77.1 115.7

141 37.9 27.0 40.4



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: 74.177 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110681.D

Acq: 12 Nov 2018 18:21

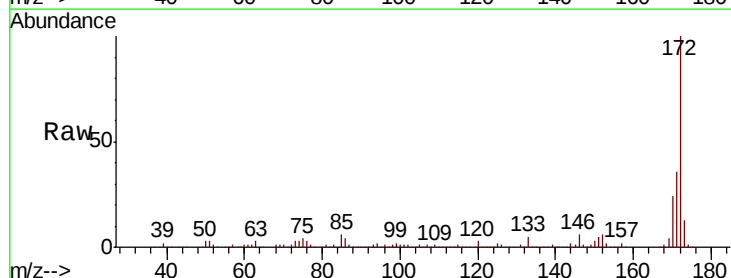
Tgt Ion:172 Resp: 868868

Ion Ratio Lower Upper

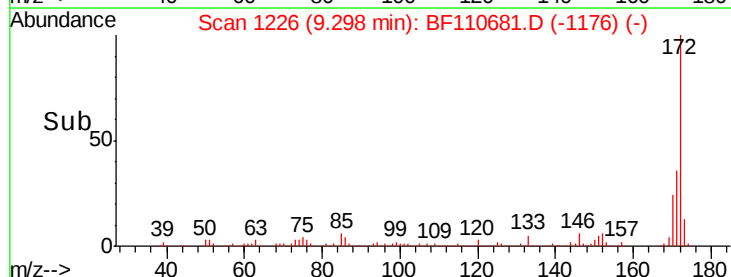
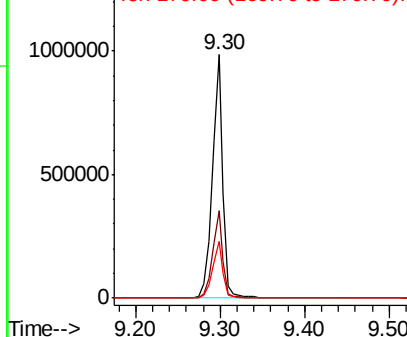
172 100

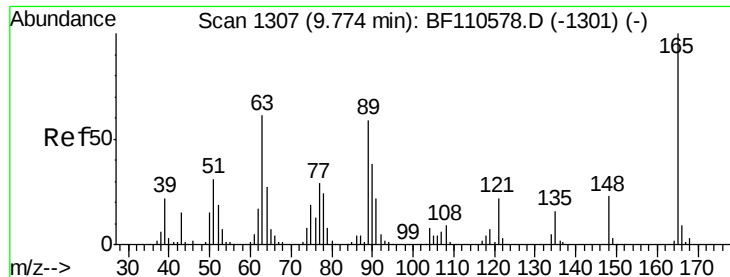
171 35.7 28.6 43.0

170 23.6 19.7 29.5



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

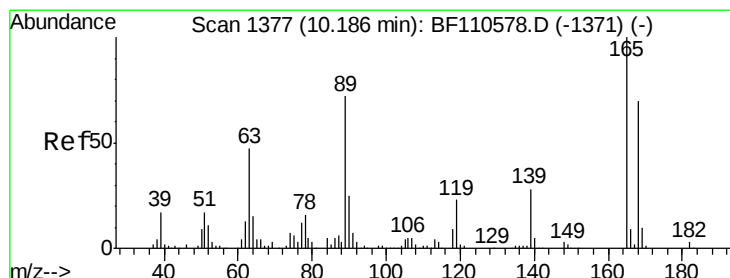
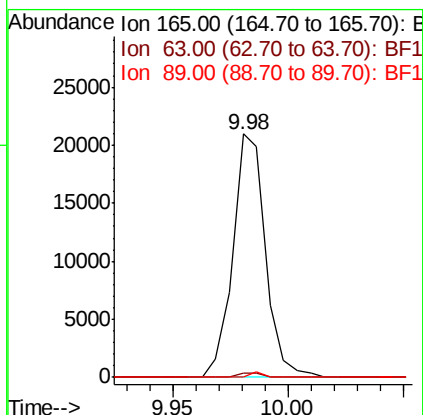
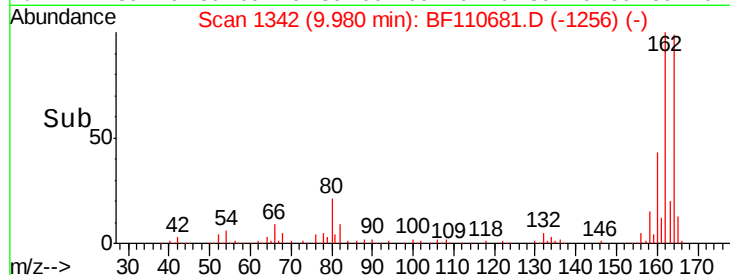
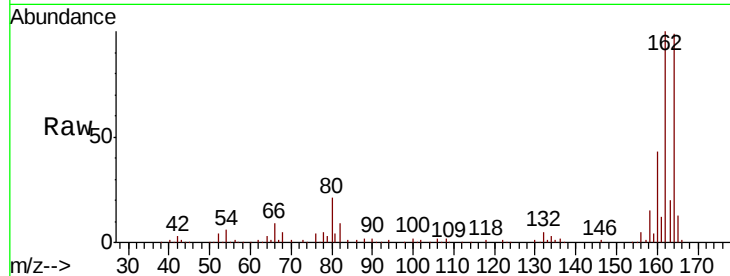




#51
 2,6-Dinitrotoluene
 Concen: 7.505 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110681.D
 Acq: 12 Nov 2018 18:21

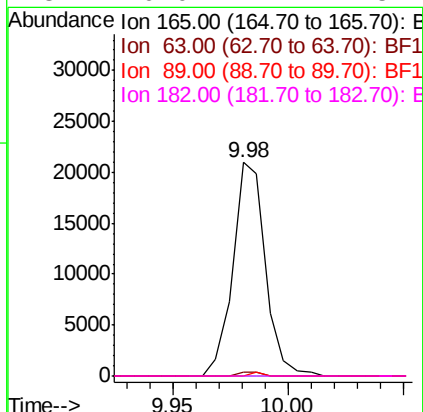
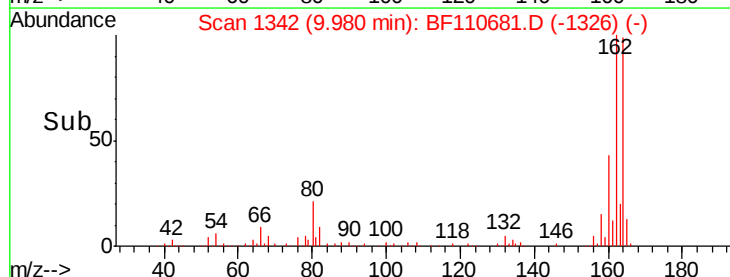
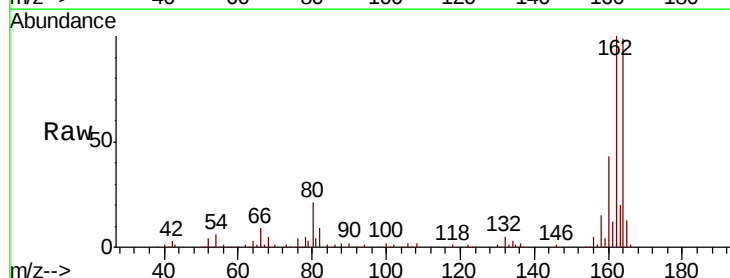
Instrument :
 BNA_F
 ClientSampled :
 SB-13-D

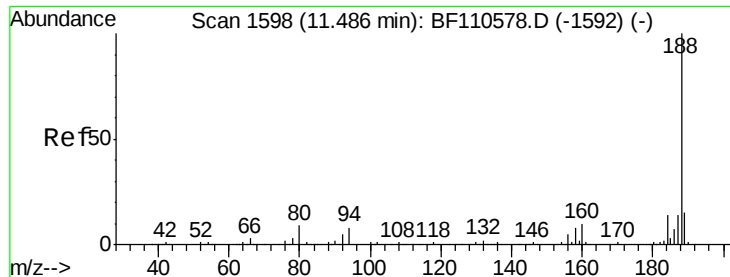
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	48.9	73.3#
89	0.0	46.6	69.8#



#57
 2,4-Dinitrotoluene
 Concen: 5.772 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110681.D
 Acq: 12 Nov 2018 18:21

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#

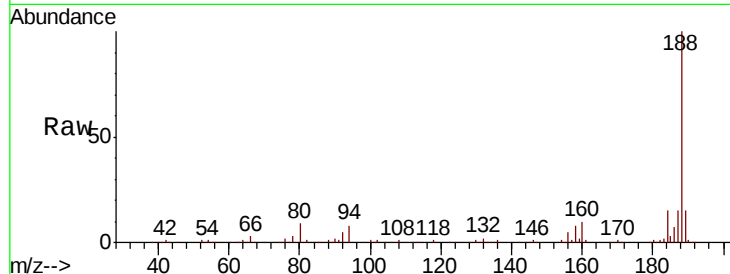




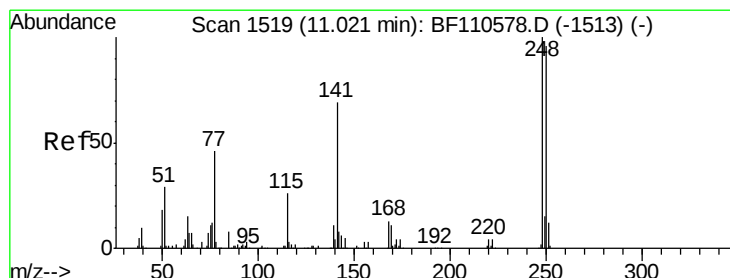
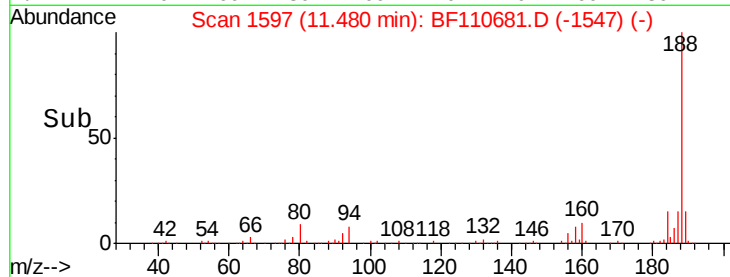
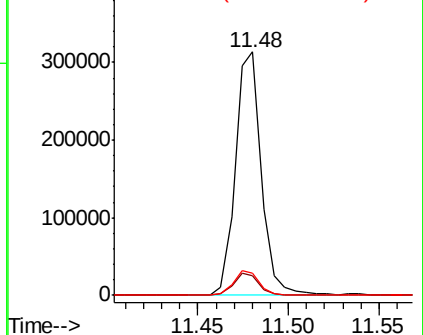
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110681.D
Acq: 12 Nov 2018 18:21

Instrument :
BNA_F
ClientSampleId :
SB-13-D

Tgt Ion:188 Resp: 311557
Ion Ratio Lower Upper
188 100
94 8.3 7.2 10.8
80 9.2 7.9 11.9

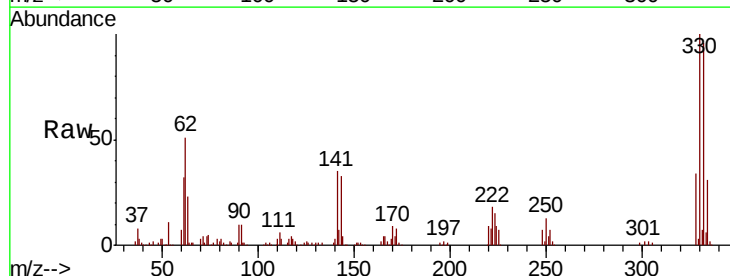


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

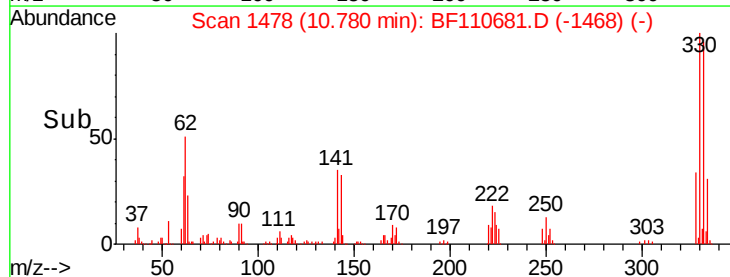
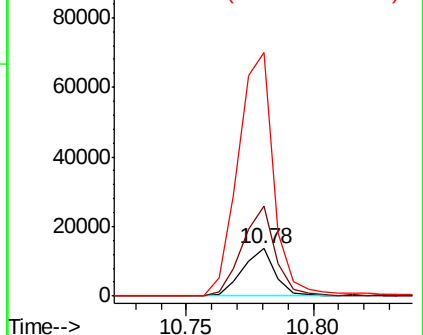


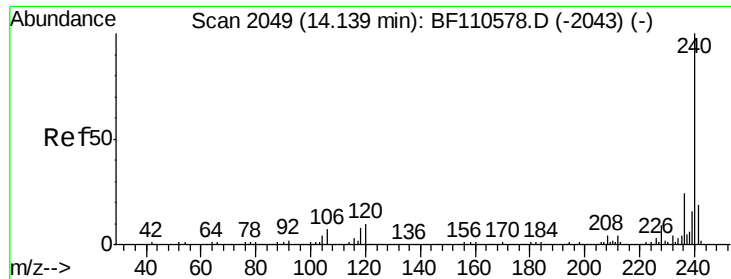
#67
4-Bromophenyl-phenylether
Concen: 3.547 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110681.D
Acq: 12 Nov 2018 18:21

Tgt Ion:248 Resp: 12214
Ion Ratio Lower Upper
248 100
250 189.3 79.4 119.2#
141 510.6 55.9 83.9#



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

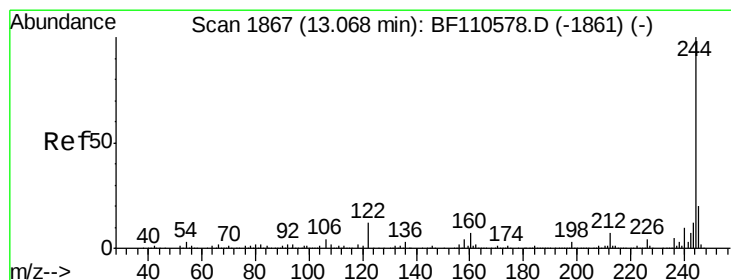
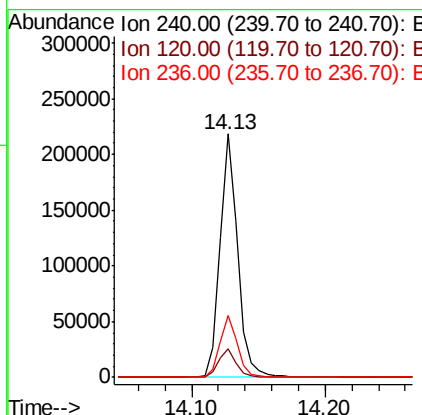
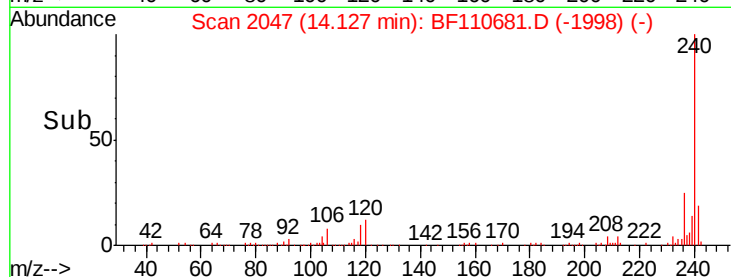
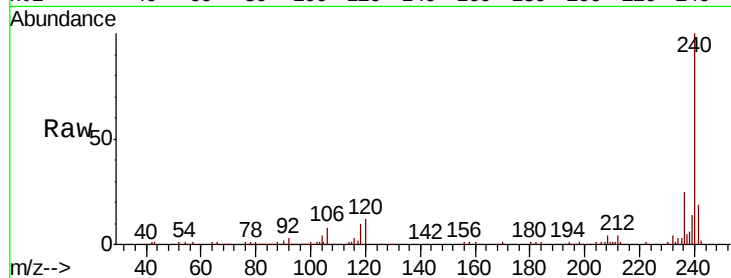




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110681.D
Acq: 12 Nov 2018 18:21

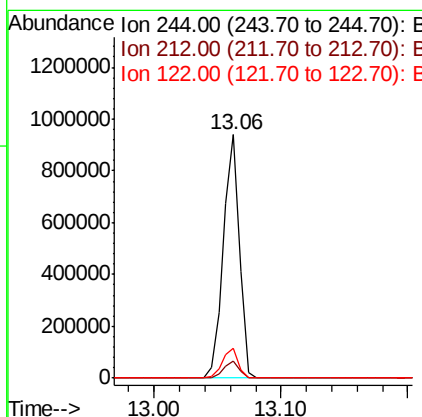
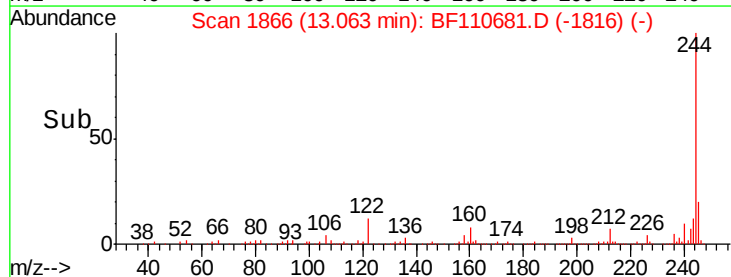
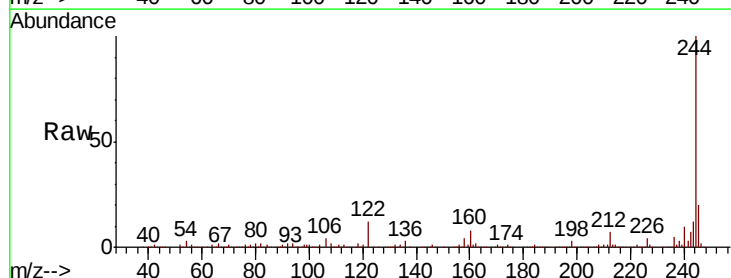
Instrument :
BNA_F
ClientSampleID :
SB-13-D

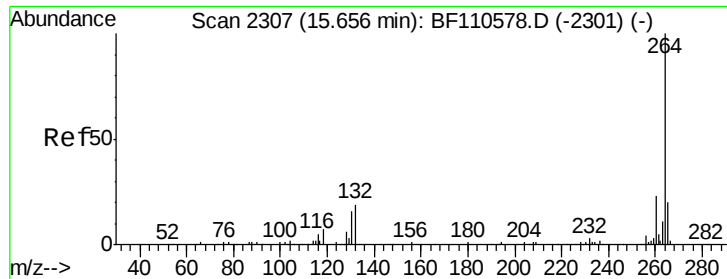
Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.6	8.3	12.5
236	25.2	21.2	31.8



#79
Terphenyl-d14
Concen: 76.207 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110681.D
Acq: 12 Nov 2018 18:21

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.8	8.8
122	12.1	8.7	13.1





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110681.D
Acq: 12 Nov 2018 18:21

Instrument :
BNA_F
ClientSampleId :
SB-13-D

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	20.5	16.7	25.1

