

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
 Data File : BF110680.D
 Acq On : 12 Nov 2018 17:54
 Operator : JU/SJ
 Sample : J5269-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-S

Quant Time: Nov 13 05:40:06 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	90906	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	374333	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	178032	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	339219	20.00	ng	0.00
76) Chrysene-d12	14.13	240	213264	20.00	ng	-0.01
87) Perylene-d12	15.66	264	160251	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	575697	102.87	ng	0.01
7) Phenol-d6	6.57	99	644455	90.05	ng	0.00
23) Nitrobenzene-d5	7.51	82	520448	80.07	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	205839	114.74	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	952831	76.44	ng	0.00
79) Terphenyl-d14	13.06	244	919342	80.73	ng	0.00

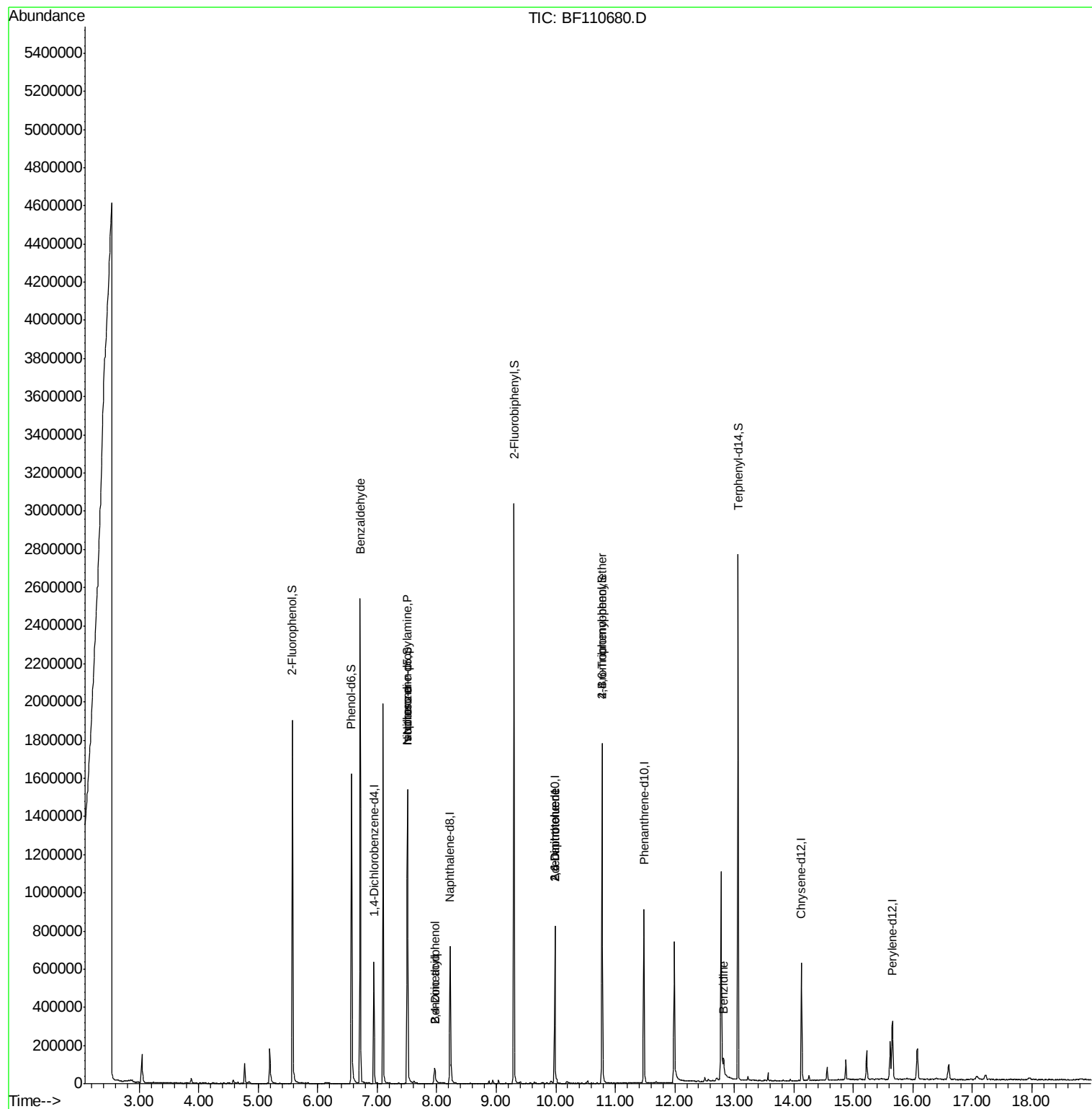
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.72	77	14958	2.141	ng	81
19) n-Nitroso-di-n-propylamine	7.51	70	68440	14.981	ng	# 82
25) Isophorone	7.51	82	520444	48.852	ng	# 67
27) 2,4-Dimethylphenol	7.97	122	30982	6.123	ng	# 3
32) Benzoic acid	7.97	122	30982	8.654	ng	98
51) 2,6-Dinitrotoluene	9.98	165	23192	7.936	ng	# 23
57) 2,4-Dinitrotoluene	9.98	165	23192	6.104	ng	# 19
67) 4-Bromophenyl-phenylether	10.78	248	13215	3.525	ng	# 1
77) Benzidine	12.82	184	30176	5.145	ng	97

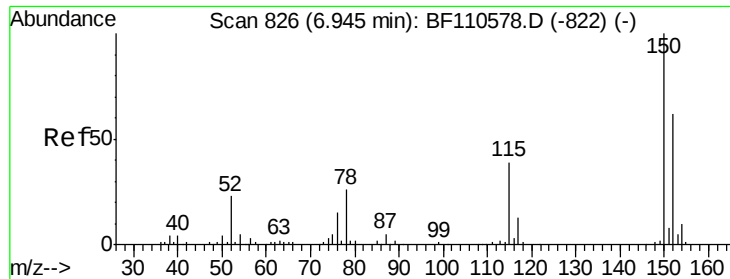
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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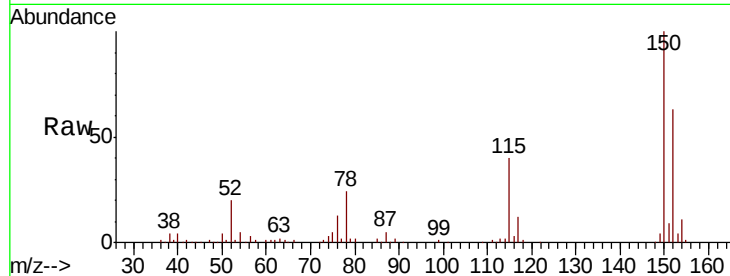


#1

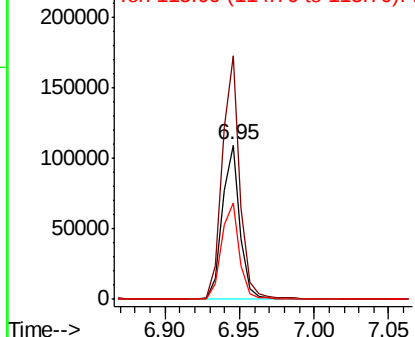
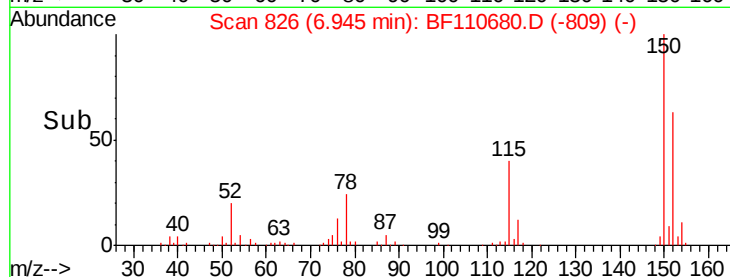
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110680.D
 Acq: 12 Nov 2018 17:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-S

Tgt Ion:152 Resp: 90906
 Ion Ratio Lower Upper
 152 100
 150 158.1 122.7 184.1
 115 62.6 49.1 73.7



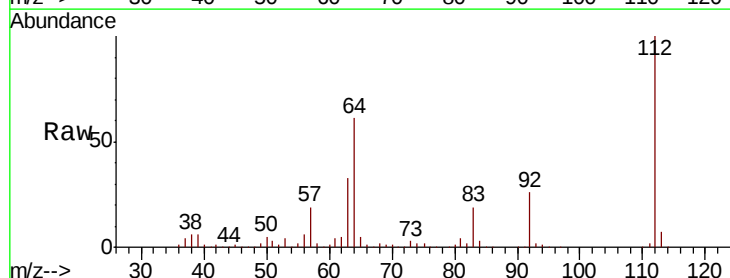
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



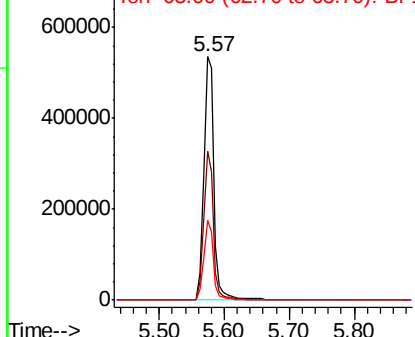
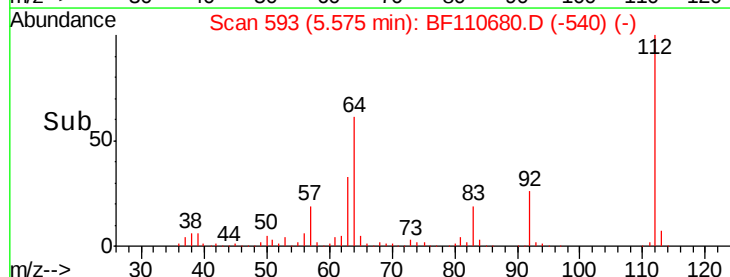
#5

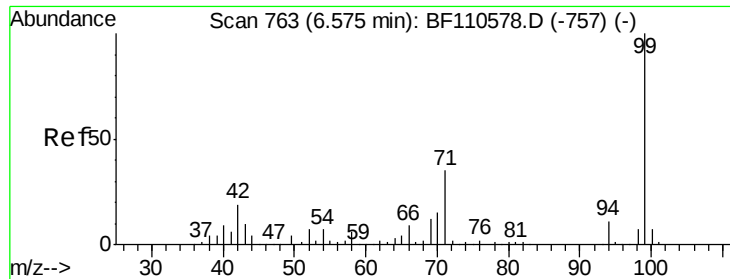
2-Fluorophenol
 Concen: 102.866 ng
 RT: 5.57 min Scan# 593
 Delta R.T. 0.01 min
 Lab File: BF110680.D
 Acq: 12 Nov 2018 17:54

Tgt Ion:112 Resp: 575697
 Ion Ratio Lower Upper
 112 100
 64 61.0 44.1 66.1
 63 32.7 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: 90.050 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110680.D

Acq: 12 Nov 2018 17:54

Instrument :

BNA_F

ClientSampleId :

SB-13-S

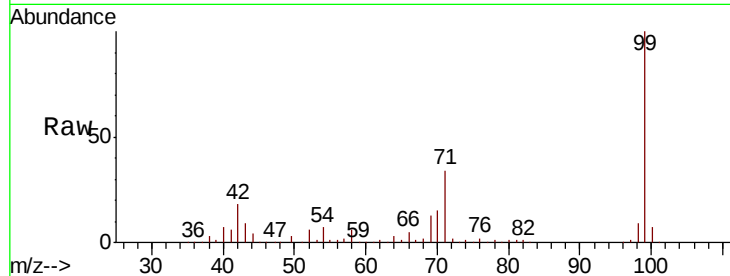
Tgt Ion: 99 Resp: 644455

Ion Ratio Lower Upper

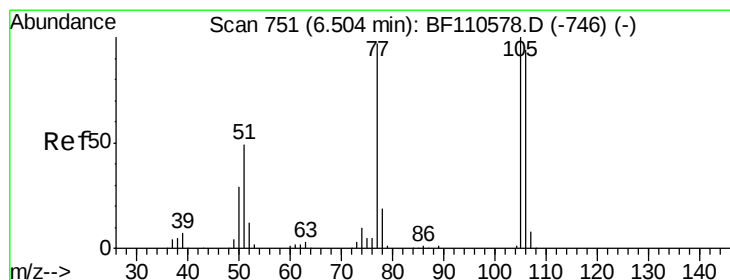
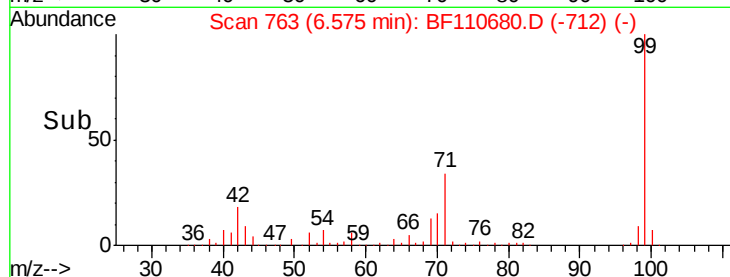
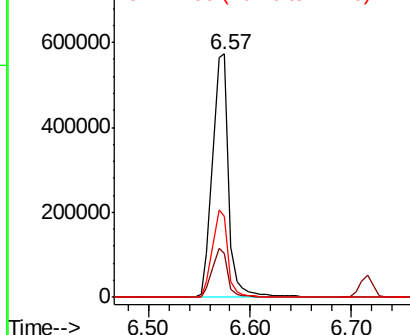
99 100

42 18.0 15.8 23.6

71 33.5 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



#9

Benzaldehyde

Concen: 2.141 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.21 min

Lab File: BF110680.D

Acq: 12 Nov 2018 17:54

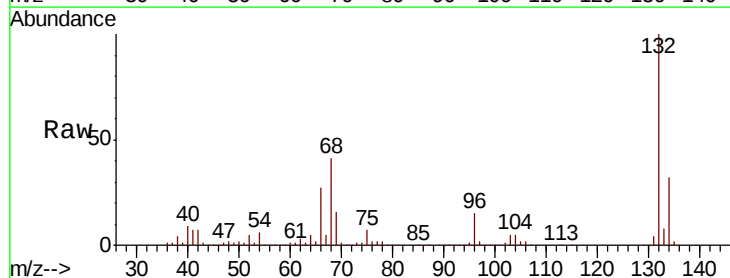
Tgt Ion: 77 Resp: 14958

Ion Ratio Lower Upper

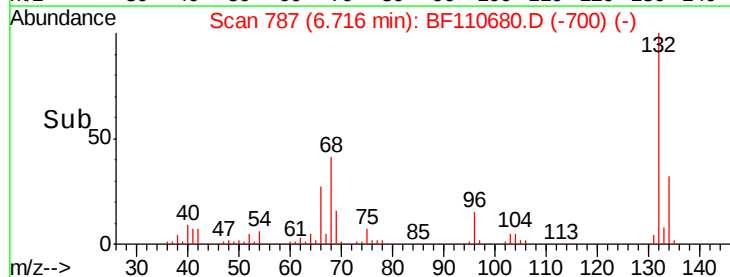
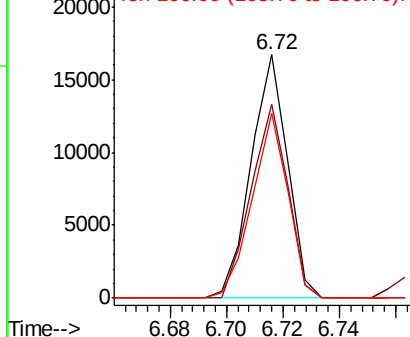
77 100

105 79.7 78.6 118.6

106 75.8 74.8 114.8



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

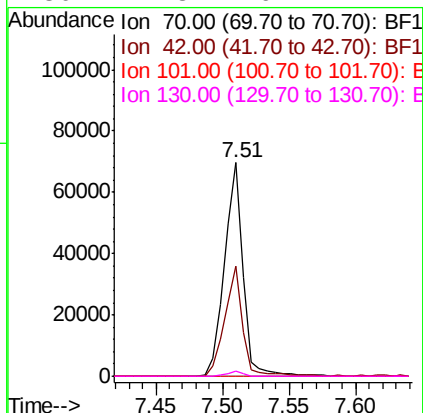
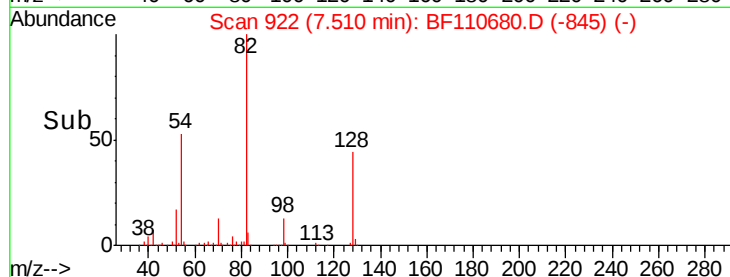
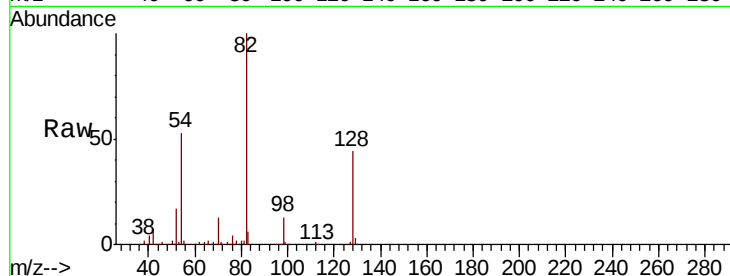




#19
n-Nitroso-di-n-propylamine
Concen: 14.981 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110680.D
Acq: 12 Nov 2018 17:54

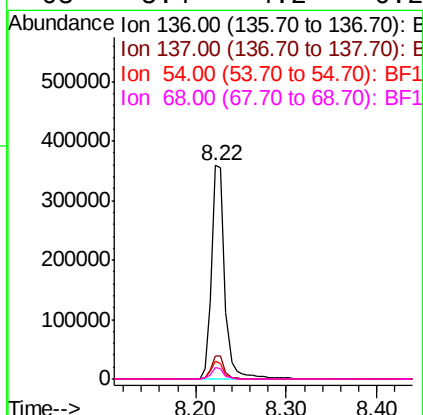
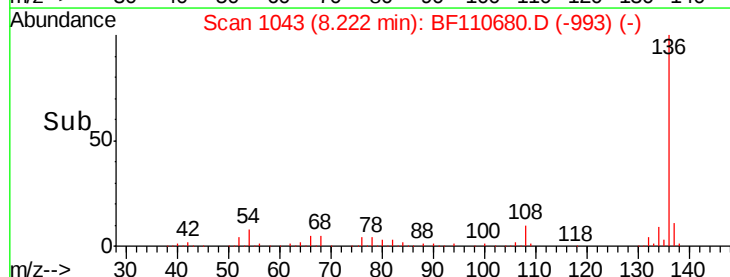
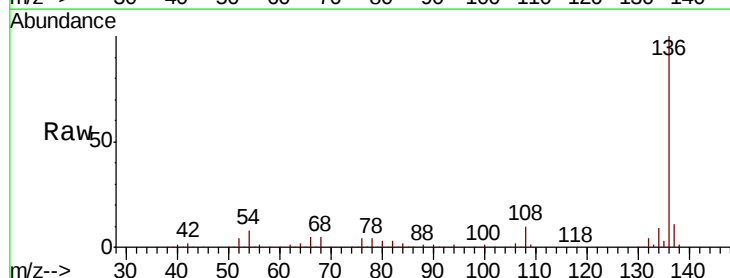
Instrument :
BNA_F
ClientSampled :
SB-13-S

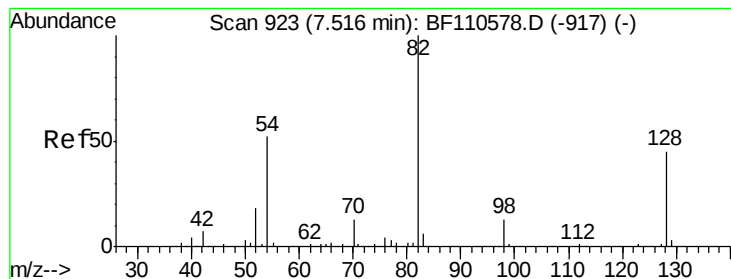
Tgt Ion: 70 Resp: 68440
Ion Ratio Lower Upper
70 100
42 51.4 47.4 71.2
101 0.0 7.3 10.9#
130 2.3 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110680.D
Acq: 12 Nov 2018 17:54

Tgt Ion: 136 Resp: 374333
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 8.3 5.4 8.2#
68 5.4 4.2 6.2





#23

Nitrobenzene-d5

Concen: 80.069 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110680.D

Acq: 12 Nov 2018 17:54

Instrument :

BNA_F

ClientSampleId :

SB-13-S

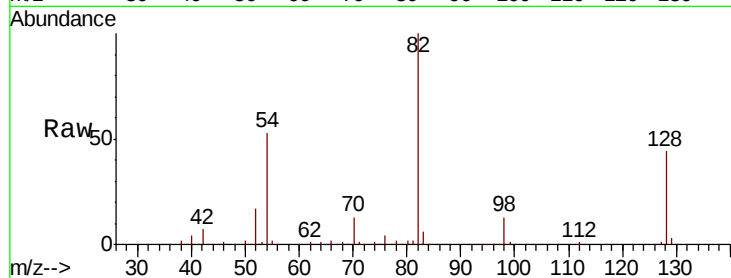
Tgt Ion: 82 Resp: 520448

Ion Ratio Lower Upper

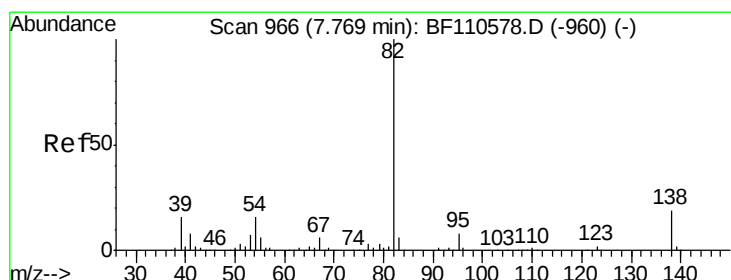
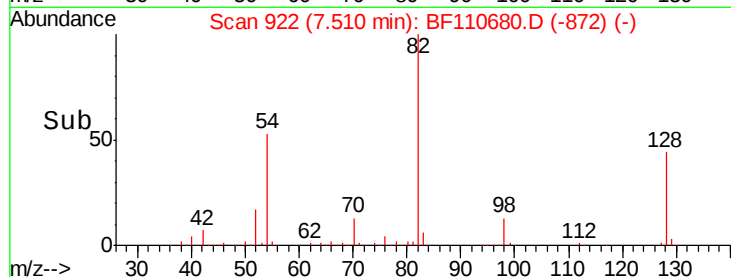
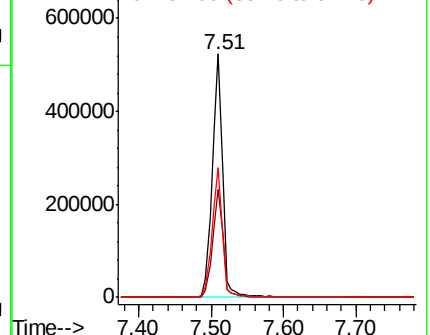
82 100

128 44.1 34.2 51.2

54 53.1 38.6 58.0



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: 48.852 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110680.D

Acq: 12 Nov 2018 17:54

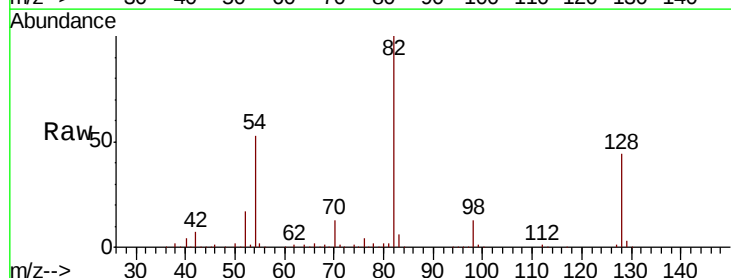
Tgt Ion: 82 Resp: 520444

Ion Ratio Lower Upper

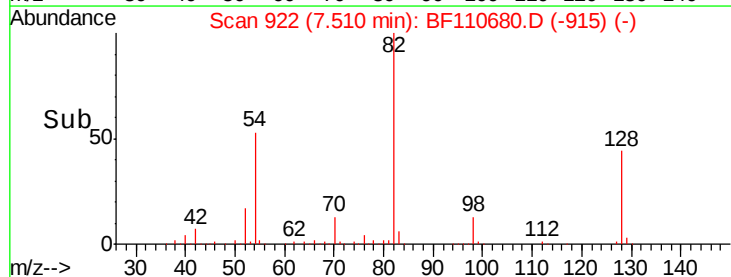
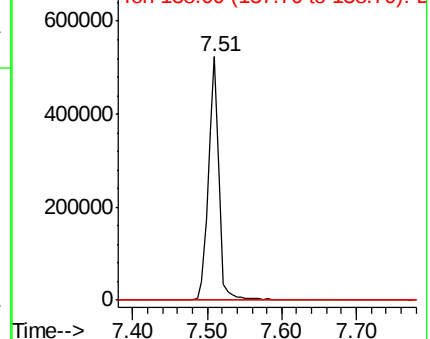
82 100

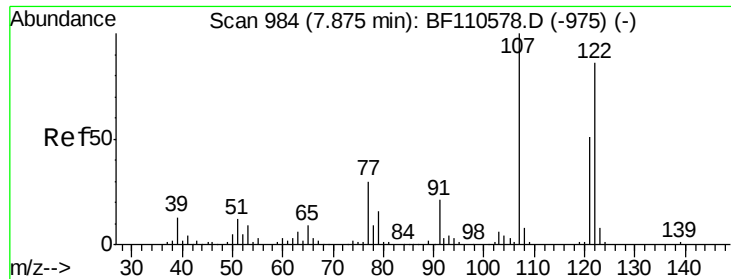
95 0.1 5.7 8.5#

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

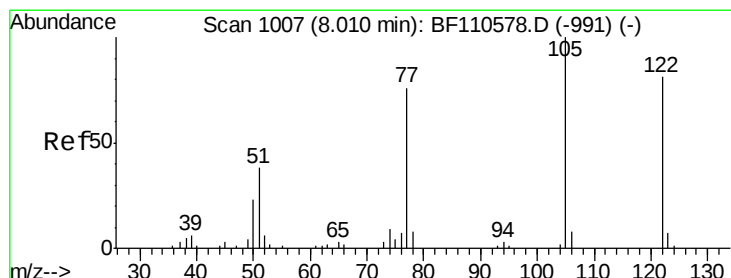
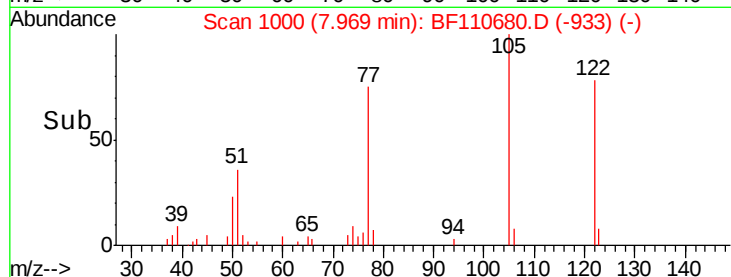
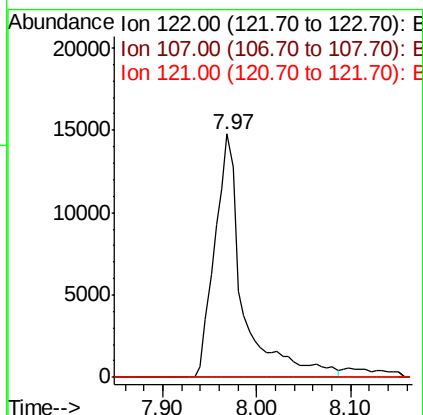
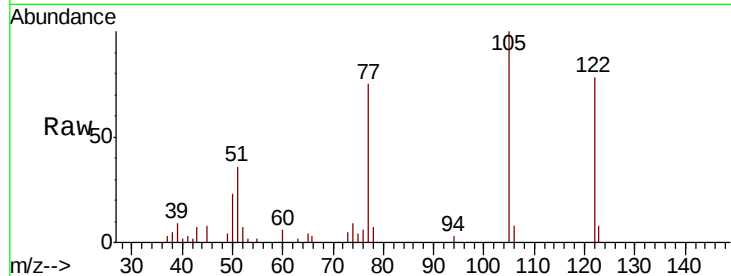




#27
2,4-Dimethylphenol
Concen: 6.123 ng
RT: 7.97 min Scan# 1000
Delta R.T. 0.09 min
Lab File: BF110680.D
Acq: 12 Nov 2018 17:54

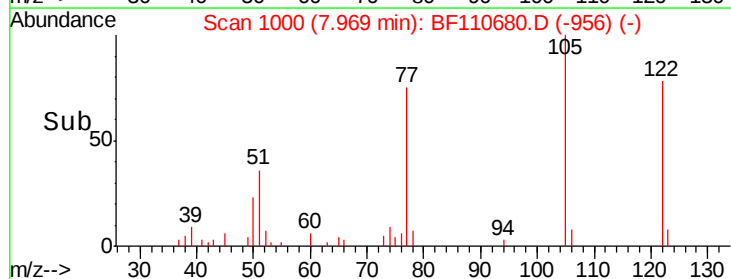
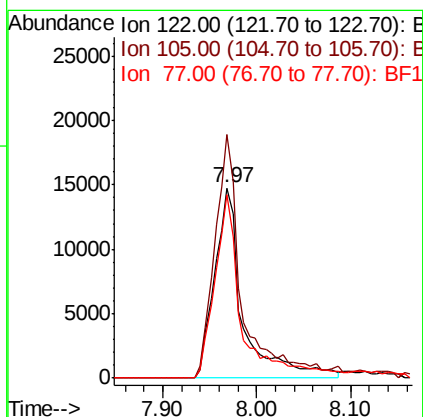
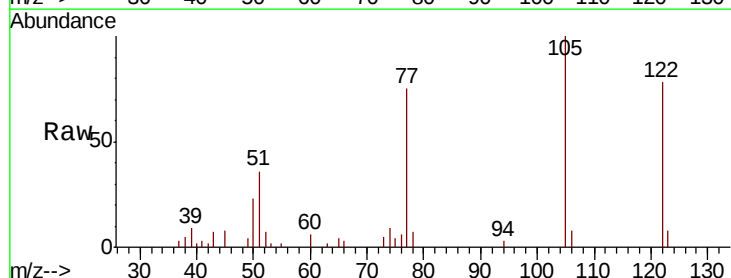
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SB-13-S

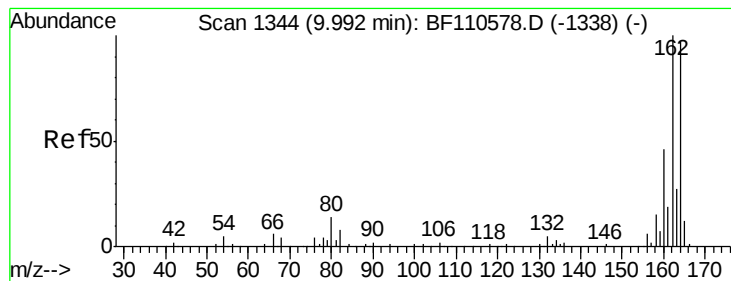
Tgt Ion:122 Resp: 30982
Ion Ratio Lower Upper
122 100
107 0.0 92.5 138.7#
121 0.0 45.8 68.8#



#32
Benzoic acid
Concen: 8.654 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.04 min
Lab File: BF110680.D
Acq: 12 Nov 2018 17:54

Tgt Ion:122 Resp: 30982
Ion Ratio Lower Upper
122 100
105 127.8 109.0 149.0
77 96.2 79.0 119.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110680.D

Acq: 12 Nov 2018 17:54

Instrument :

BNA_F

ClientSampled :

SB-13-S

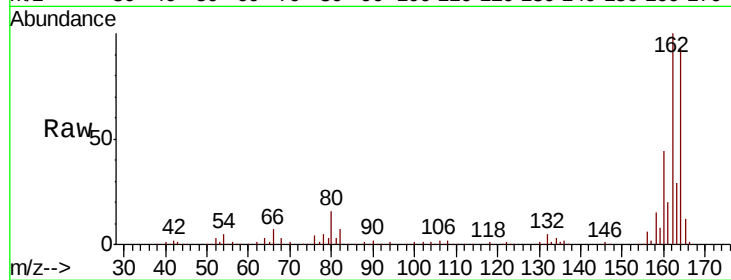
Tgt Ion:164 Resp: 178032

Ion Ratio Lower Upper

164 100

162 107.8 83.0 124.6

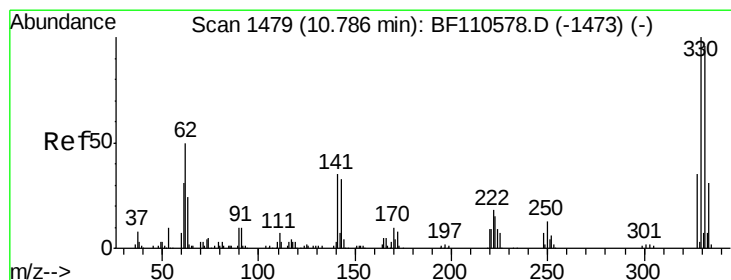
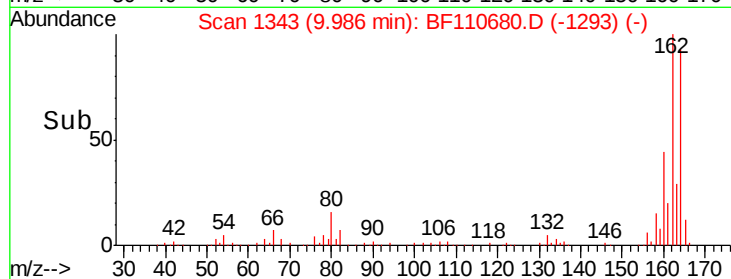
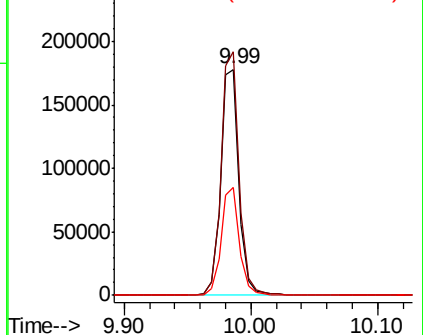
160 47.6 37.0 55.6



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: 114.744 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110680.D

Acq: 12 Nov 2018 17:54

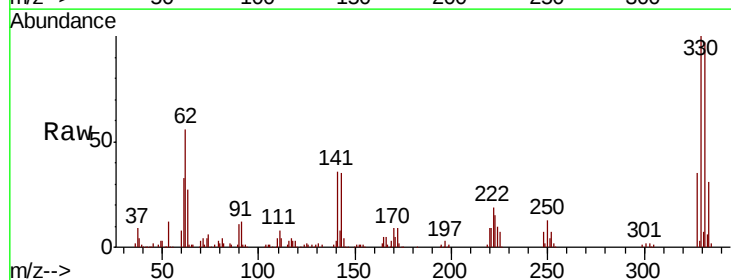
Tgt Ion:330 Resp: 205839

Ion Ratio Lower Upper

330 100

332 96.2 77.1 115.7

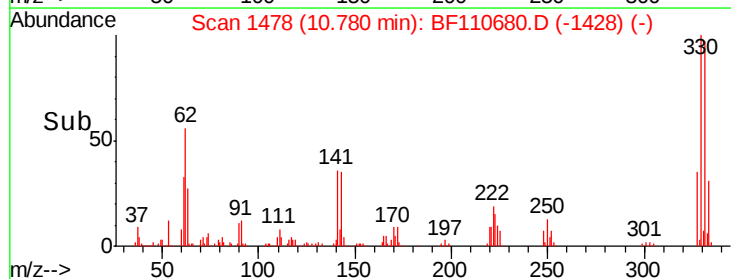
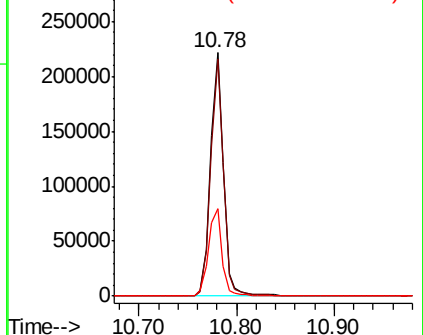
141 37.4 27.0 40.4

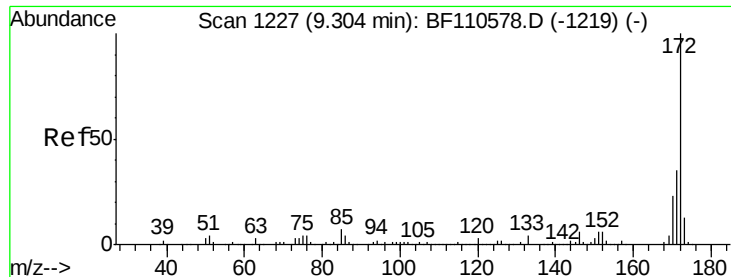


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

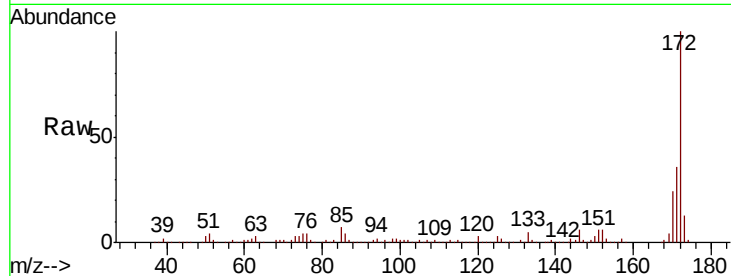




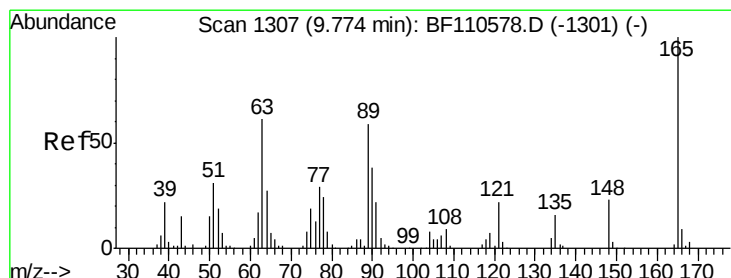
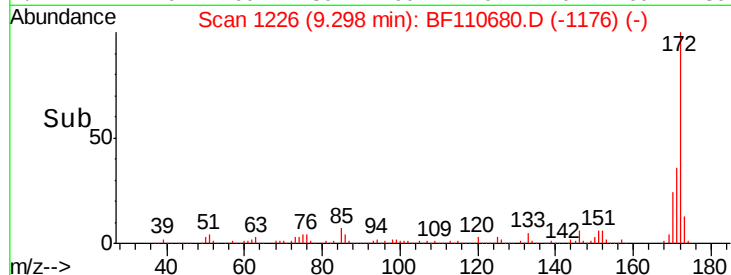
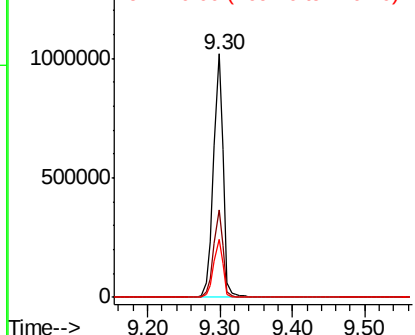
#45
 2-Fluorobiphenyl
 Concen: 76.437 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110680.D
 Acq: 12 Nov 2018 17:54

Instrument :
 BNA_F
 ClientSampled :
 SB-13-S

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.9	19.7	29.5

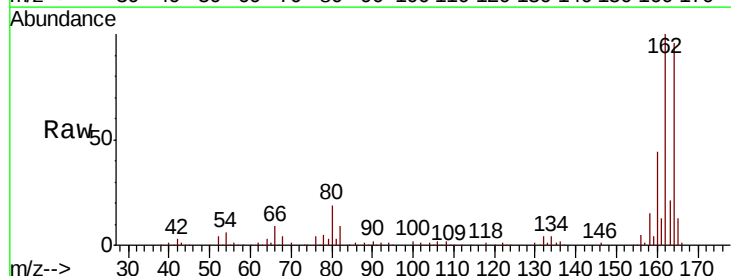


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

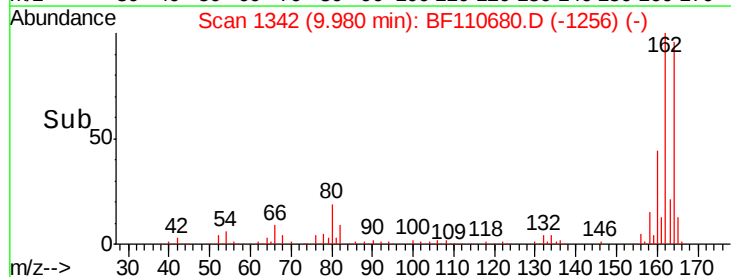
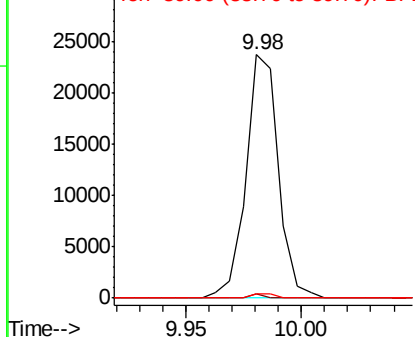


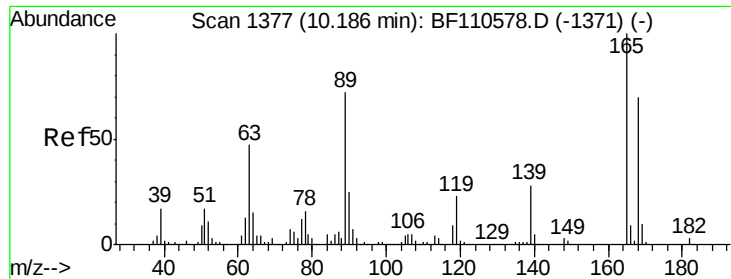
#51
 2,6-Dinitrotoluene
 Concen: 7.936 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110680.D
 Acq: 12 Nov 2018 17:54

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	48.9	73.3#
89	1.6	46.6	69.8#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

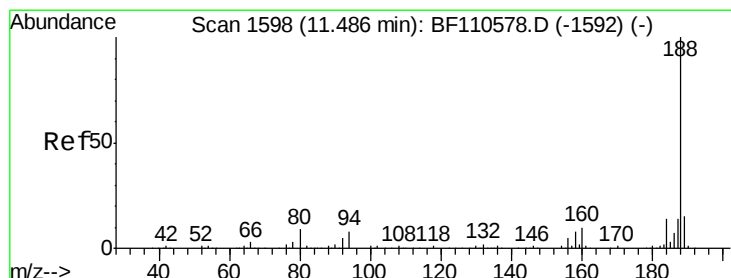
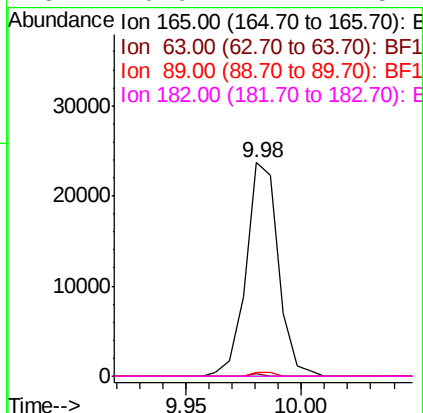
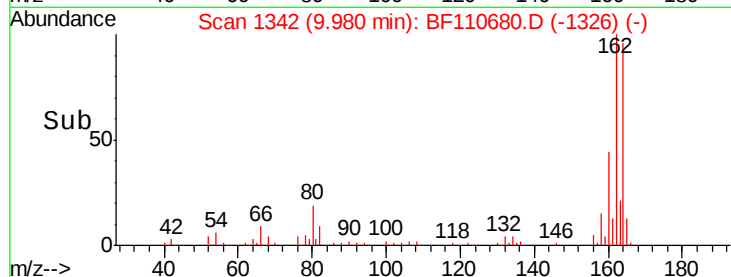
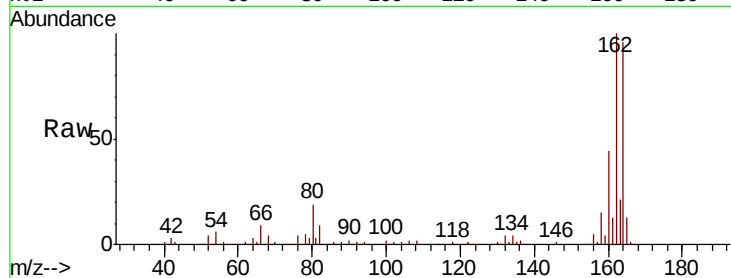




#57
 2,4-Dinitrotoluene
 Concen: 6.104 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110680.D
 Acq: 12 Nov 2018 17:54

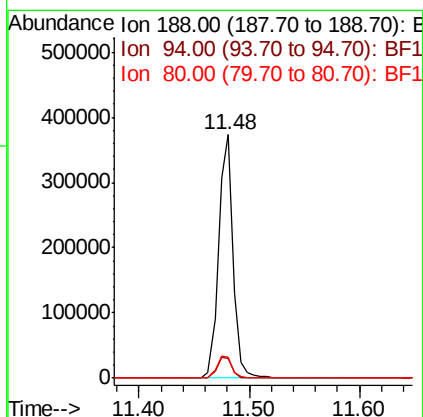
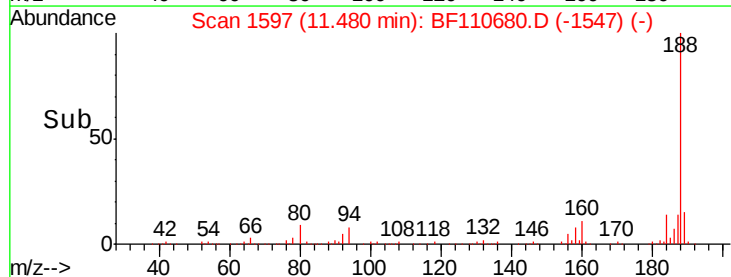
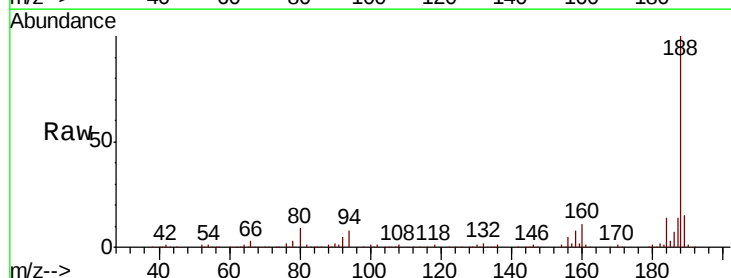
Instrument :
 BNA_F
 ClientSampleId :
 SB-13-S

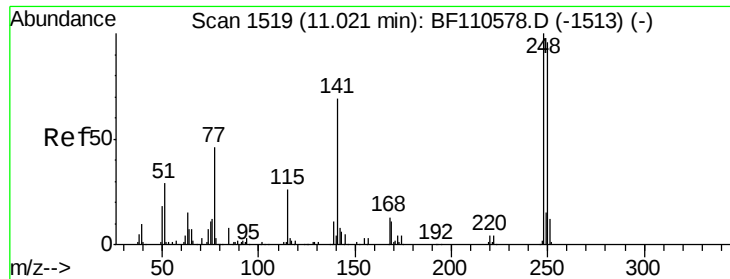
Tgt Ion:	165	Resp:	23192
Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	1.6	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110680.D
 Acq: 12 Nov 2018 17:54

Tgt Ion:	188	Resp:	339219
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	8.7	7.9	11.9

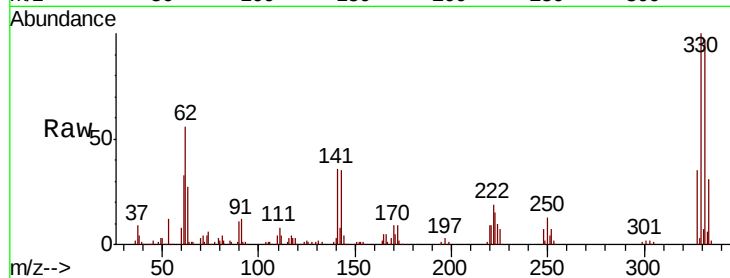




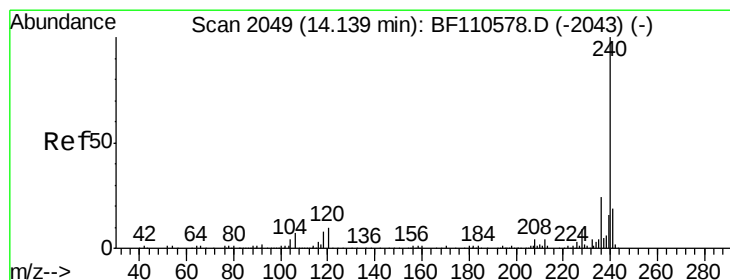
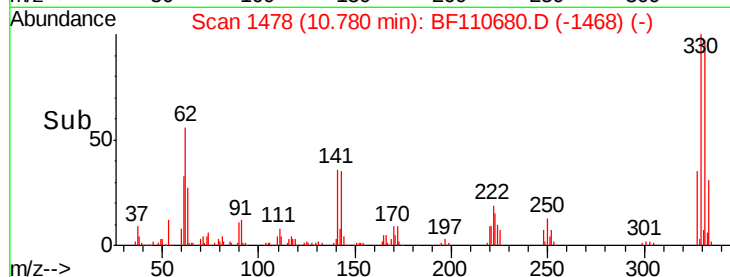
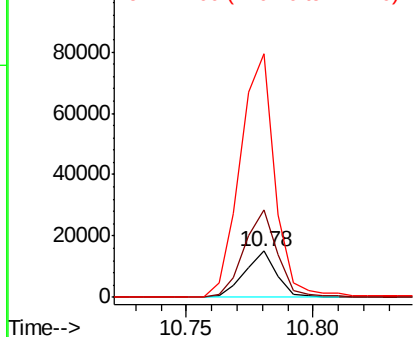
#67
4-Bromophenyl-phenylether
Concen: 3.525 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110680.D
Acq: 12 Nov 2018 17:54

Instrument :
BNA_F
ClientSampled :
SB-13-S

Tgt Ion:248 Resp: 13215
Ion Ratio Lower Upper
248 100
250 190.9 79.4 119.2#
141 527.7 55.9 83.9#

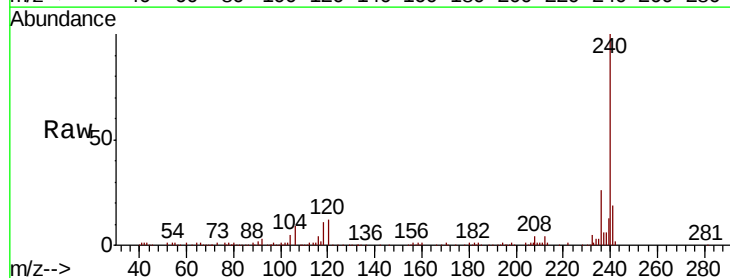


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

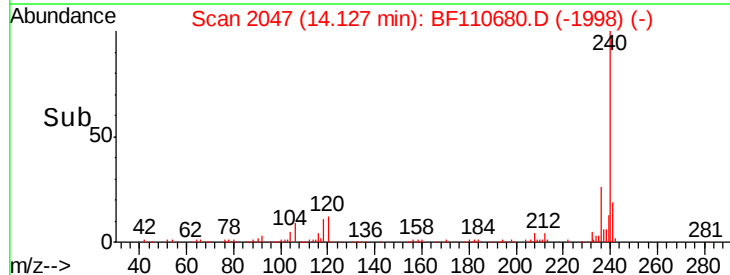
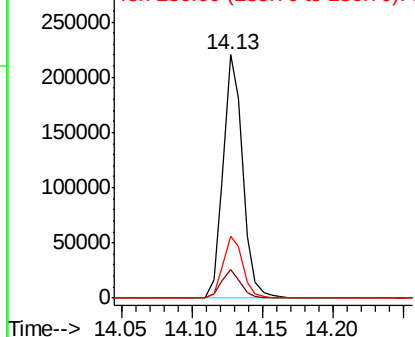


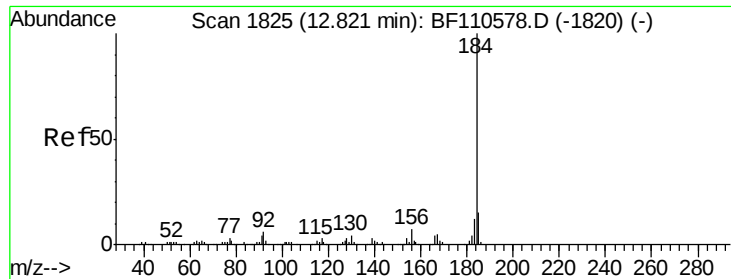
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110680.D
Acq: 12 Nov 2018 17:54

Tgt Ion:240 Resp: 213264
Ion Ratio Lower Upper
240 100
120 11.9 8.3 12.5
236 25.6 21.2 31.8



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 5.145 ng

RT: 12.82 min Scan# 1825

Delta R.T. 0.00 min

Lab File: BF110680.D

Acq: 12 Nov 2018 17:54

Instrument :

BNA_F

ClientSampleId :

SB-13-S

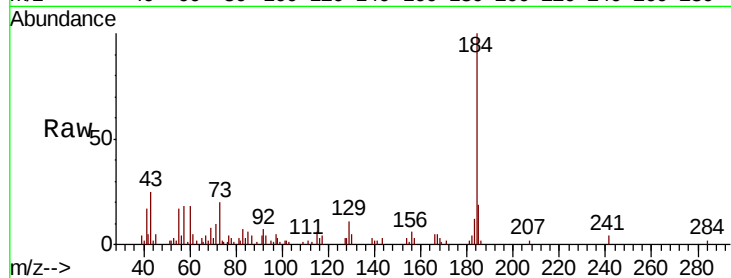
Tgt Ion:184 Resp: 30176

Ion Ratio Lower Upper

184 100

185 19.2 13.4 20.2

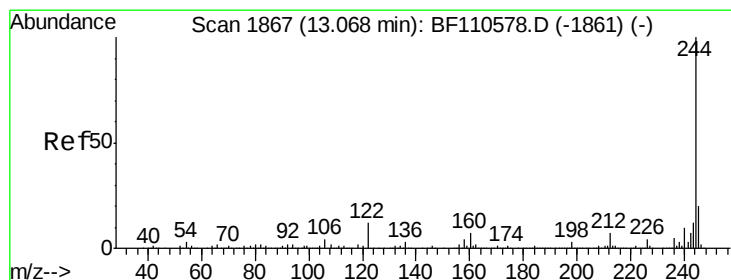
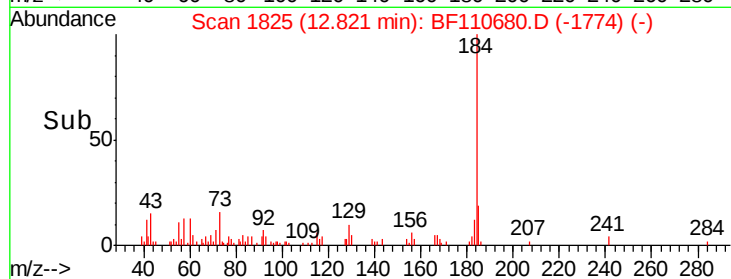
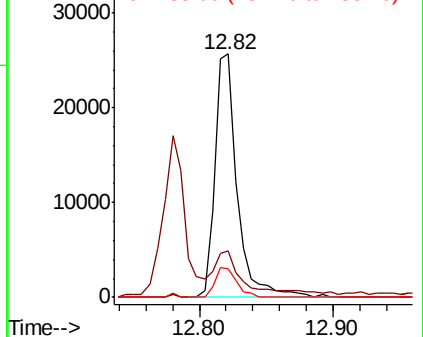
183 11.9 9.4 14.2



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 80.731 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110680.D

Acq: 12 Nov 2018 17:54

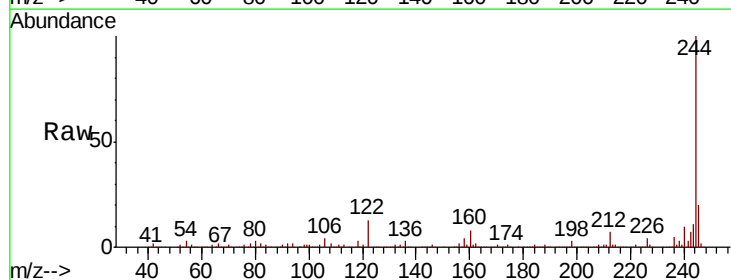
Tgt Ion:244 Resp: 919342

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

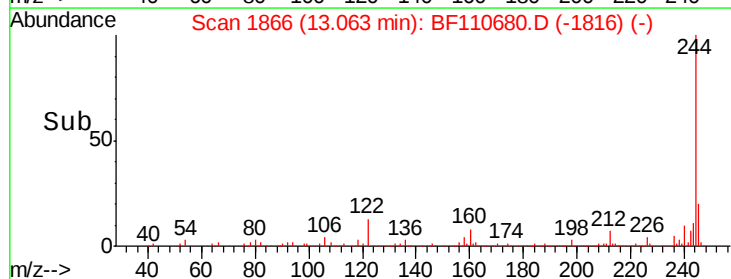
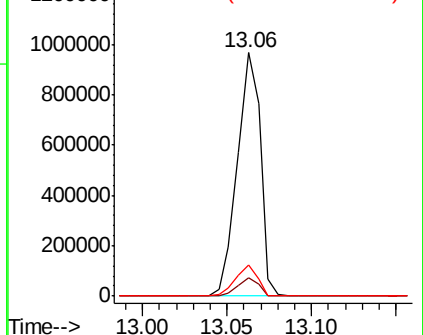
122 13.0 8.7 13.1

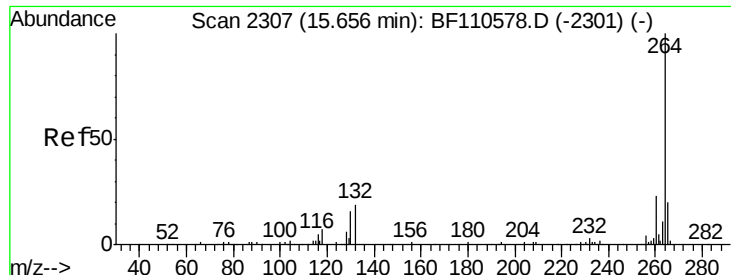


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110680.D
Acq: 12 Nov 2018 17:54

Instrument :
BNA_F
ClientSampleId :
SB-13-S

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.7	28.1
265	20.7	16.7	25.1

