

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101018\
 Data File : BF109783.D
 Acq On : 11 Oct 2018 10:54
 Operator : JU/SJ
 Sample : PB113623BL
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 11 11:40:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	83724	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	345018	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	161021	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	296726	20.00	ng	0.00
75) Chrysene-d12	13.83	240	232487	20.00	ng	0.00
86) Perylene-d12	15.23	264	207227	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	457969	97.09	ng	0.00
7) Phenol-d6	6.35	99	651693	103.43	ng	-0.01
23) Nitrobenzene-d5	7.26	82	625963	100.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.51	330	143921	82.03	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	1129617	96.62	ng	0.00
78) Terphenyl-d14	12.78	244	988566	82.31	ng	0.00

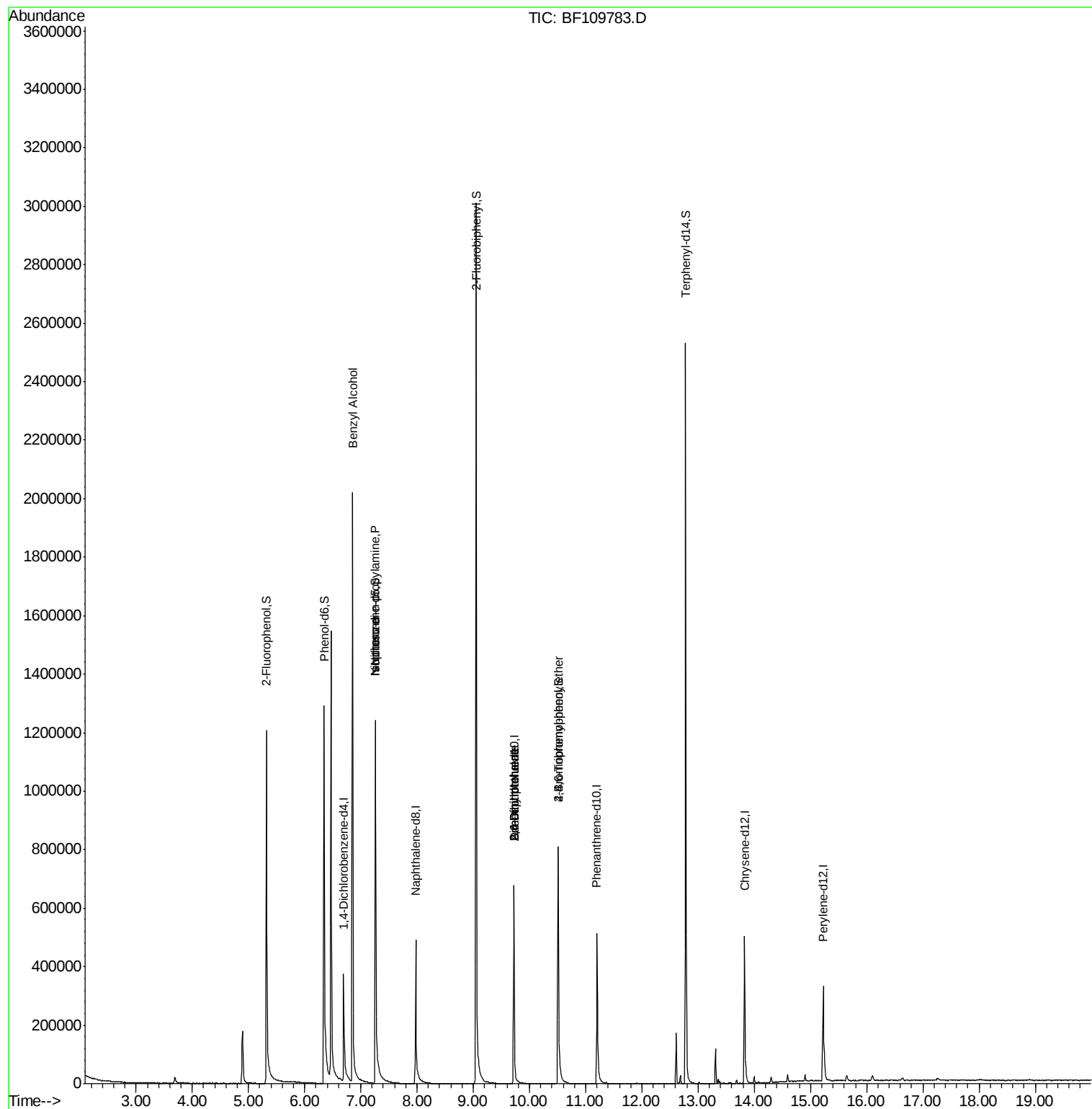
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	6.85	79	9812	2.100	ng	# 52
19) n-Nitroso-di-n-propylamine	7.26	70	80030	18.111	ng	# 77
25) Isophorone	7.26	82	631091	60.720	ng	# 67
49) Dimethylphthalate	9.72	163	39502	3.345	ng	# 1
50) 2,6-Dinitrotoluene	9.72	165	19321	7.548	ng	# 22
56) 2,4-Dinitrotoluene	9.72	165	19321	6.048	ng	# 18
66) 4-Bromophenyl-phenylether	10.51	248	7986	2.342	ng	# 1

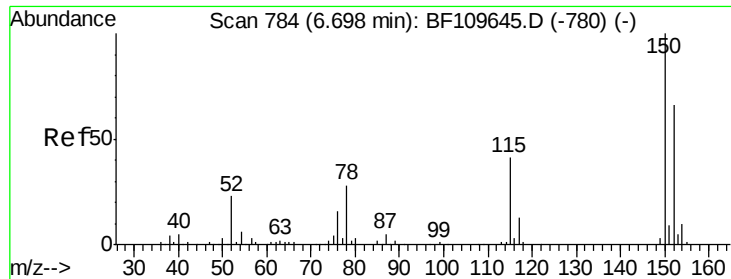
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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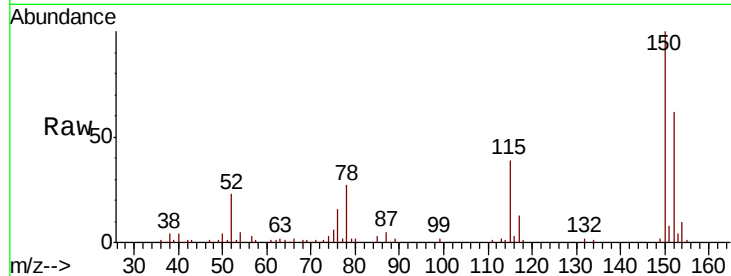


#1

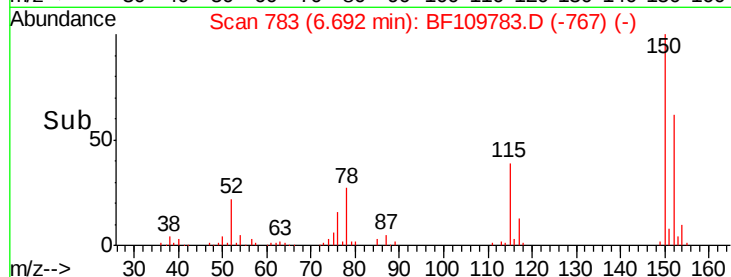
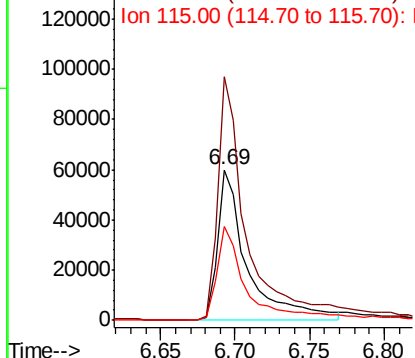
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF109783.D
Acq: 11 Oct 2018 10:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83724
Ion Ratio Lower Upper
152 100
150 161.6 122.7 184.1
115 62.3 49.1 73.7



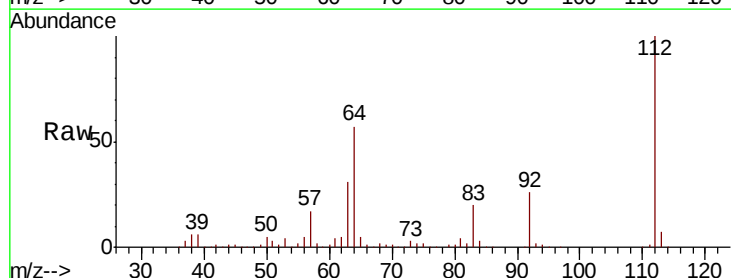
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



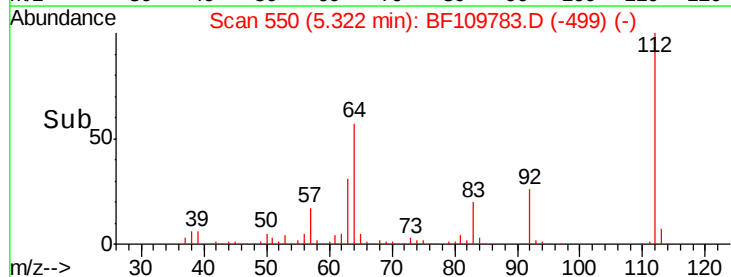
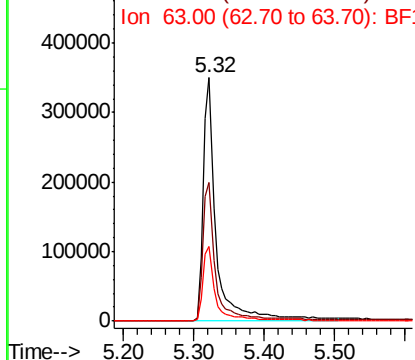
#5

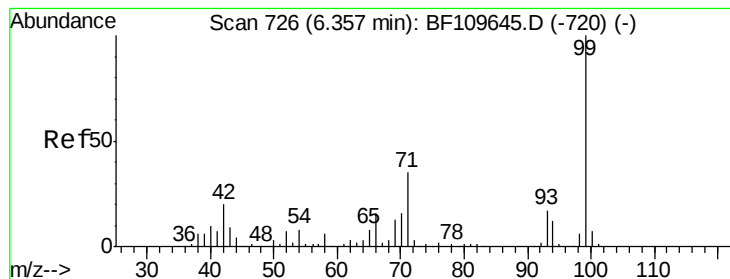
2-Fluorophenol
Concen: 97.094 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.00 min
Lab File: BF109783.D
Acq: 11 Oct 2018 10:54

Tgt Ion:112 Resp: 457969
Ion Ratio Lower Upper
112 100
64 57.2 44.1 66.1
63 30.6 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: 103.426 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF109783.D

Acq: 11 Oct 2018 10:54

Instrument :

BNA_F

ClientSampleId :

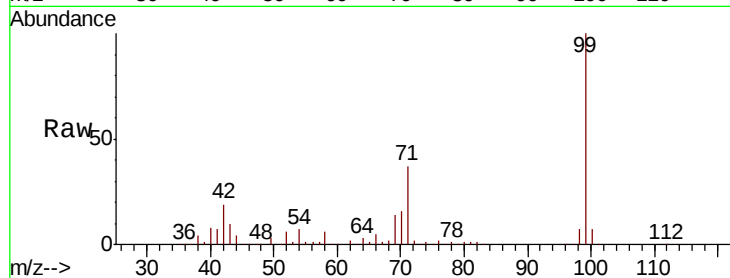
Tot Ion: 99 Resp: 651693

Ion Ratio Lower Upper

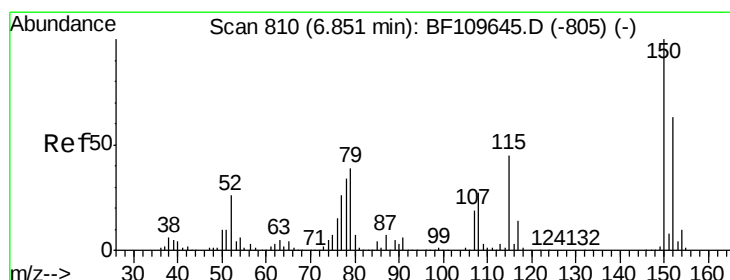
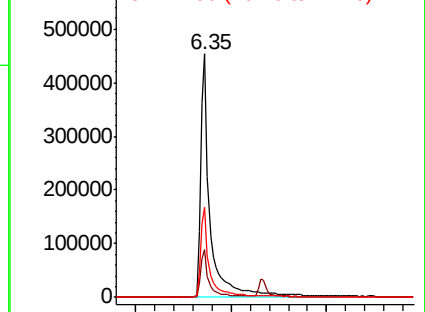
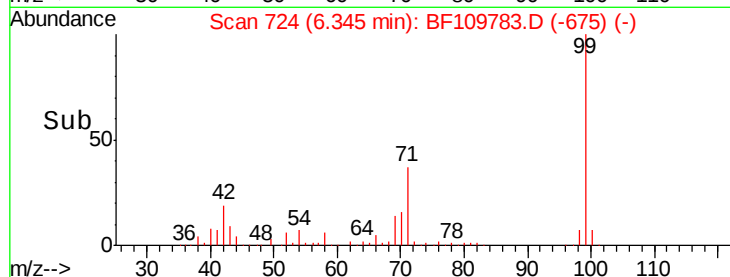
99 100

42 19.5 15.8 23.6

71 37.0 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



#15

Benzyl Alcohol

Concen: 2.100 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF109783.D

Acq: 11 Oct 2018 10:54

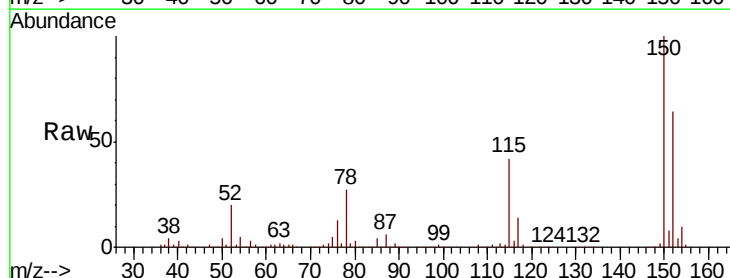
Tgt Ion: 79 Resp: 9812

Ion Ratio Lower Upper

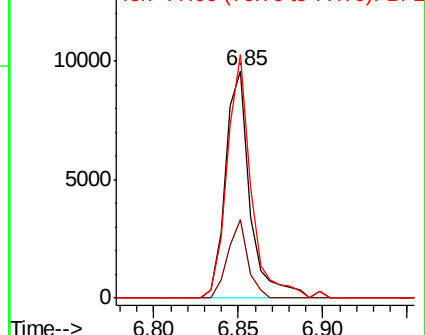
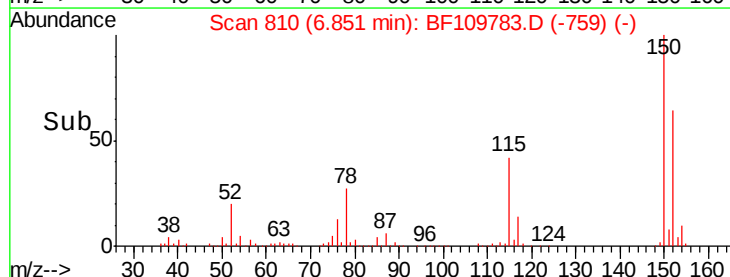
79 100

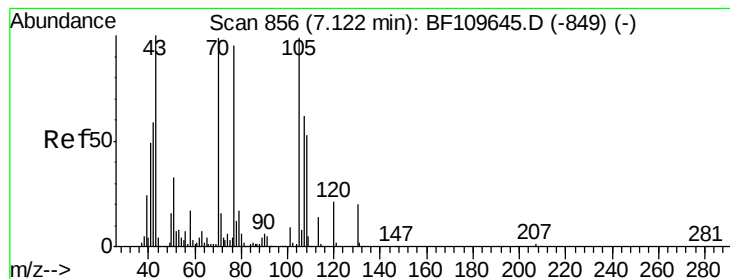
108 34.3 56.3 84.5#

77 107.2 52.9 79.3#



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





#19

n-Nitroso-di-n-propylamine

Concen: 18.111 ng

RT: 7.26 min Scan# 879

Delta R.T. 0.14 min

Lab File: BF109783.D

Acq: 11 Oct 2018 10:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 80030

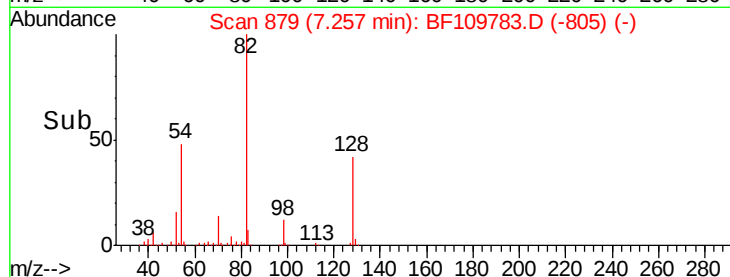
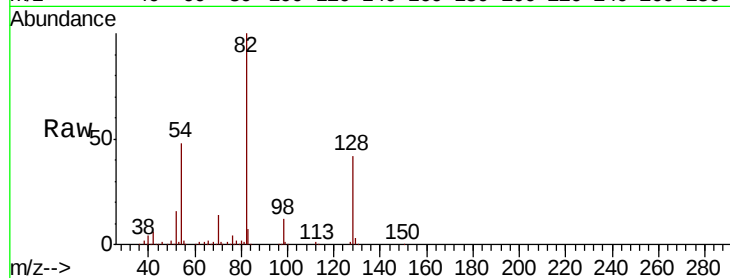
Ion Ratio Lower Upper

70 100

42 46.7 47.4 71.2#

101 0.0 7.3 10.9#

130 1.9 16.2 24.2#

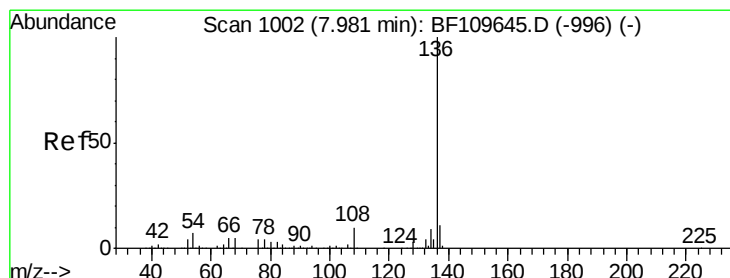
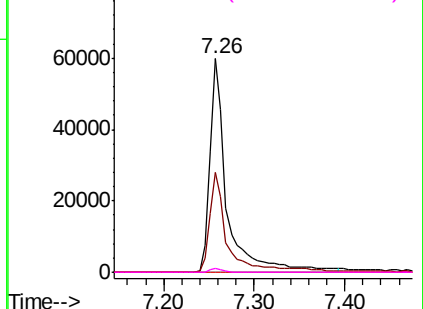


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109783.D

Acq: 11 Oct 2018 10:54

Tgt Ion:136 Resp: 345018

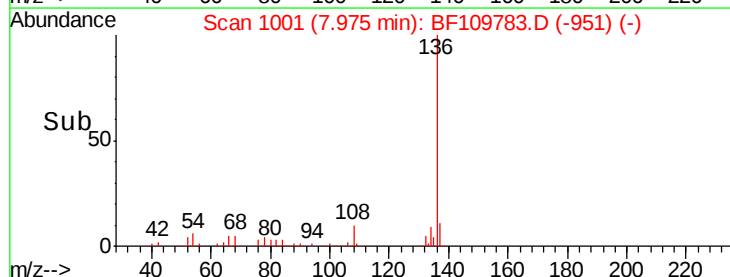
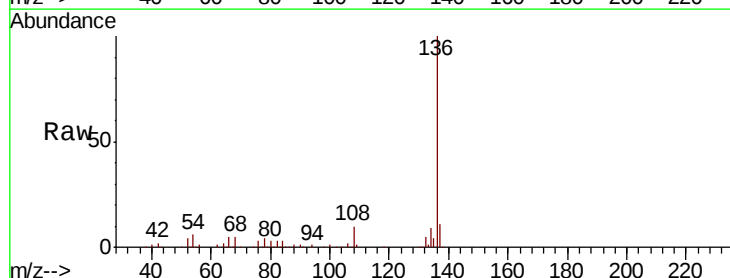
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 6.4 5.4 8.2

68 4.9 4.2 6.2

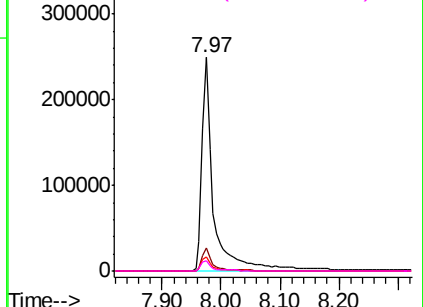


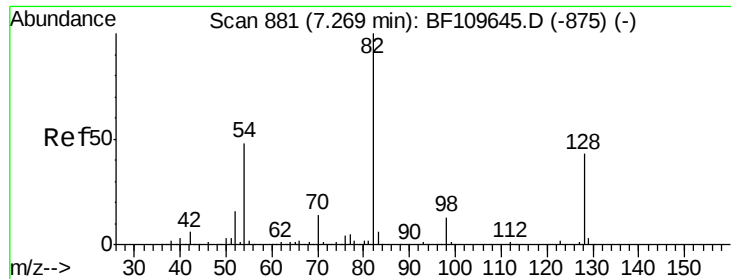
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

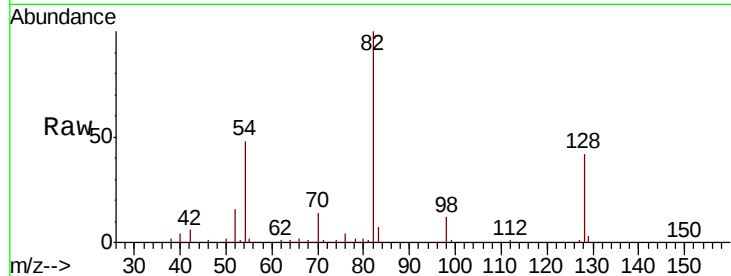




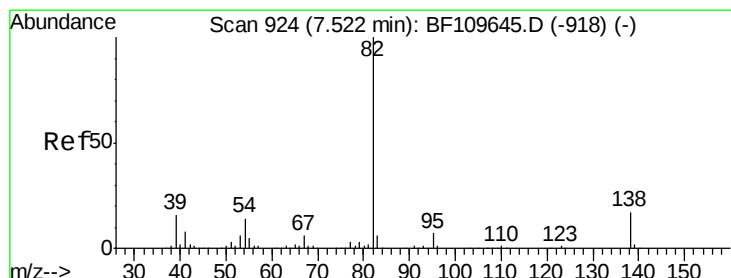
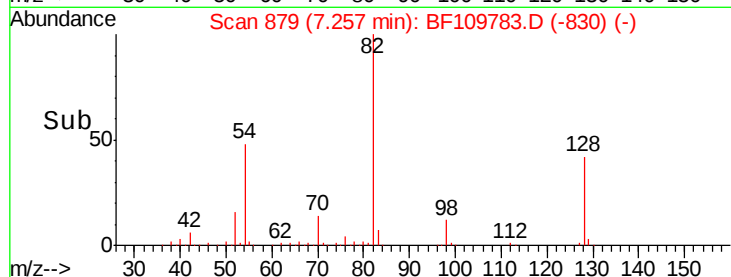
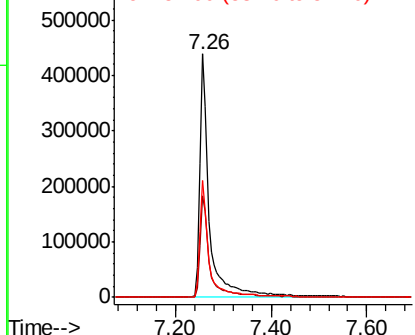
#23
Nitrobenzene-d5
Concen: 100.010 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF109783.D
Acq: 11 Oct 2018 10:54

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	625963
Ion Ratio	Lower	Upper	
82	100		
128	41.9	34.2	51.2
54	47.8	38.6	58.0

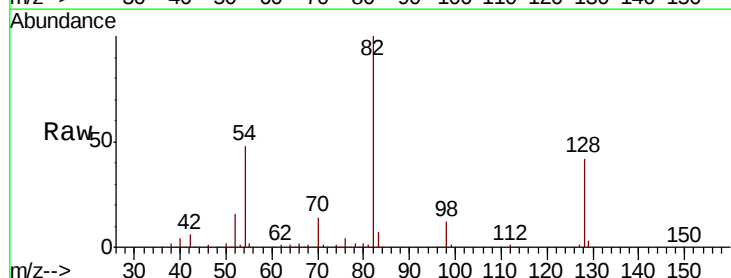


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

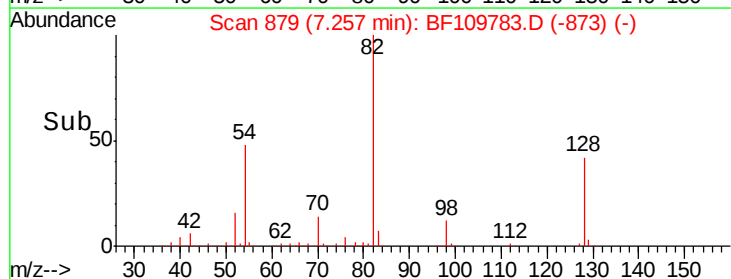
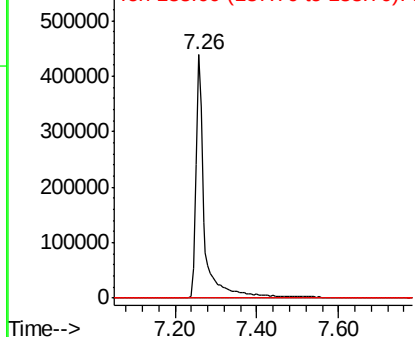


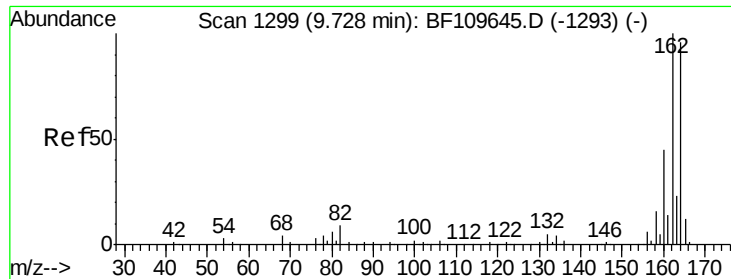
#25
Isophorone
Concen: 60.720 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.26 min
Lab File: BF109783.D
Acq: 11 Oct 2018 10:54

Tgt Ion	82	Resp	631091
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

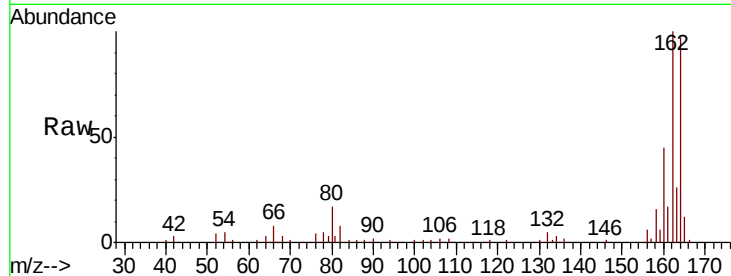




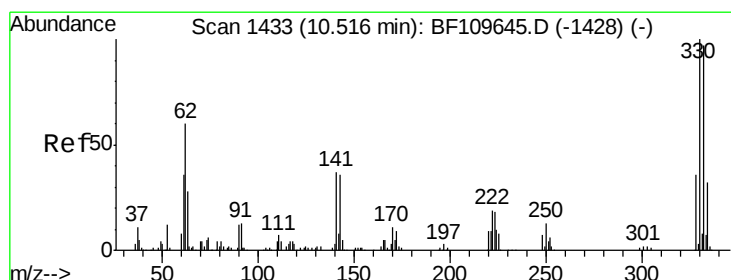
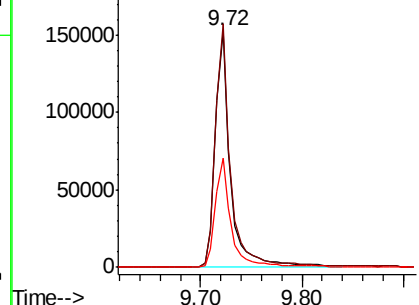
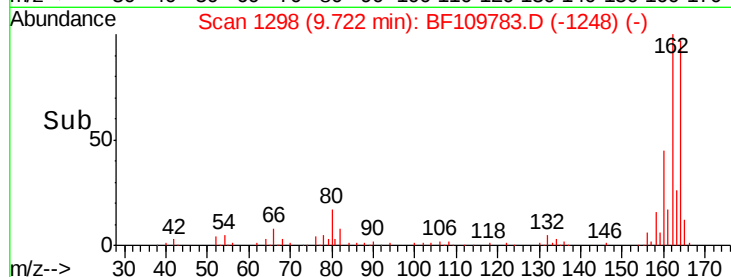
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF109783.D
 Acq: 11 Oct 2018 10:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 161021
 Ion Ratio Lower Upper
 164 100
 162 103.1 83.0 124.6
 160 46.2 37.0 55.6

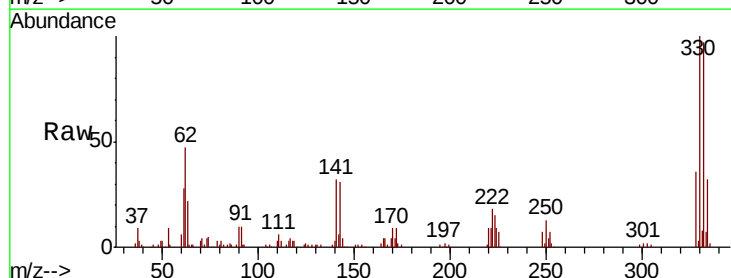


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

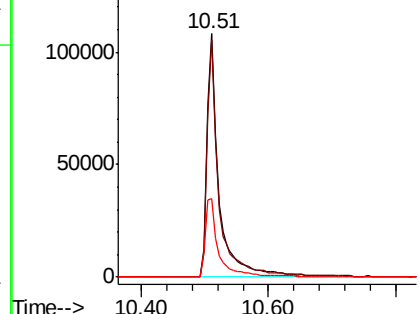
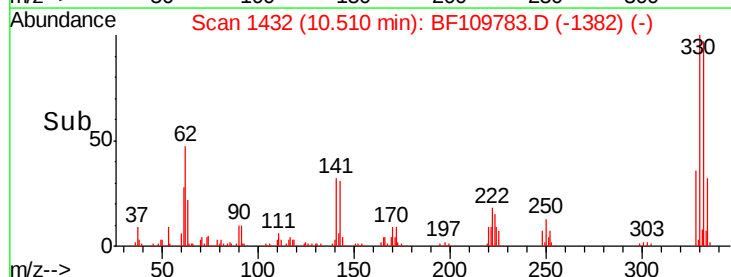


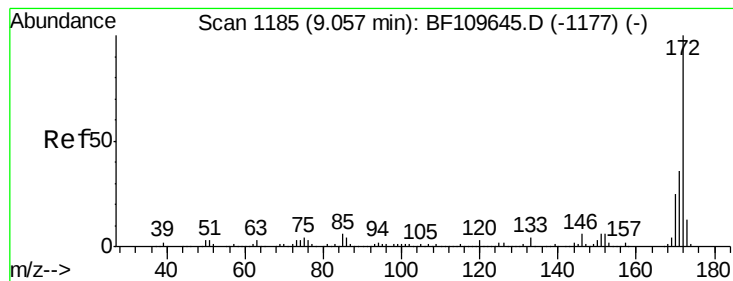
#41
 2,4,6-Tribromophenol
 Concen: 82.030 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109783.D
 Acq: 11 Oct 2018 10:54

Tgt Ion:330 Resp: 143921
 Ion Ratio Lower Upper
 330 100
 332 93.5 77.1 115.7
 141 35.5 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

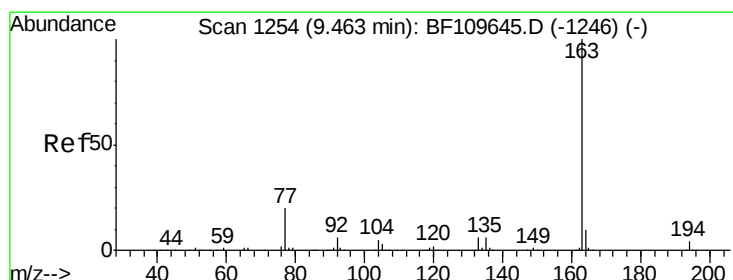
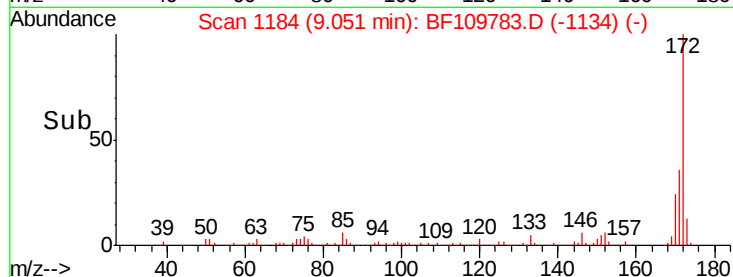
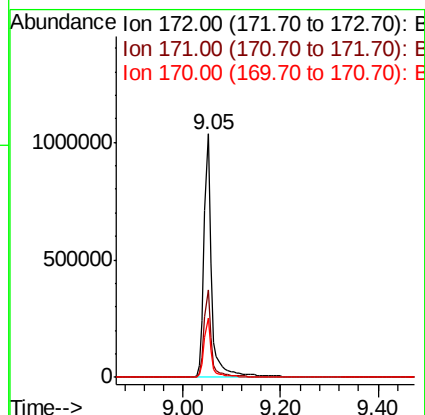
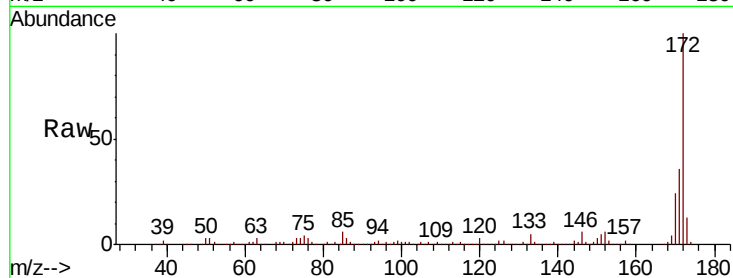




#44
2-Fluorobiphenyl
Concen: 96.619 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109783.D
Acq: 11 Oct 2018 10:54

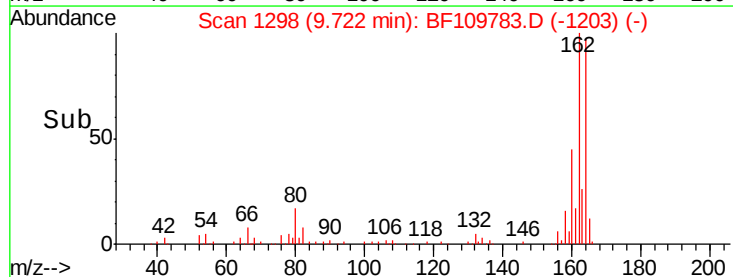
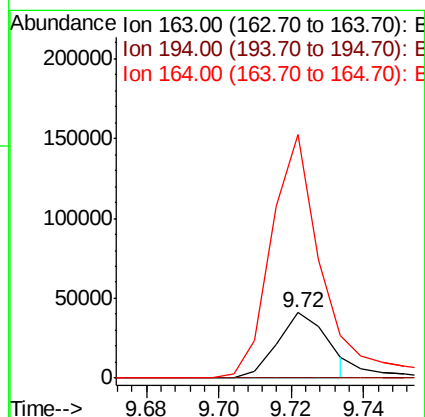
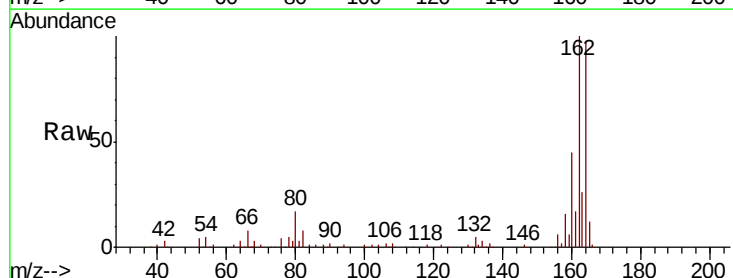
Instrument :
BNA_F
ClientSampleId :

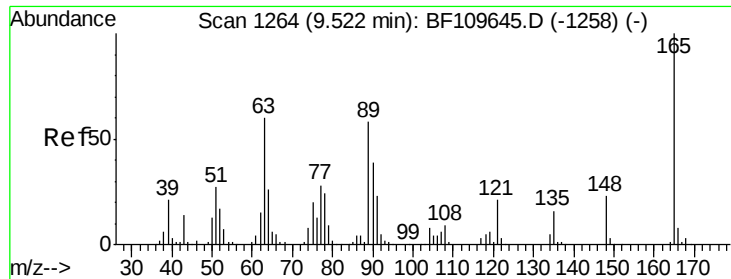
Tot Ion:172 Resp: 1129617
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.3 19.7 29.5



#49
Dimethylphthalate
Concen: 3.345 ng
RT: 9.72 min Scan# 1298
Delta R.T. 0.26 min
Lab File: BF109783.D
Acq: 11 Oct 2018 10:54

Tgt Ion:163 Resp: 39502
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 372.0 8.1 12.1#

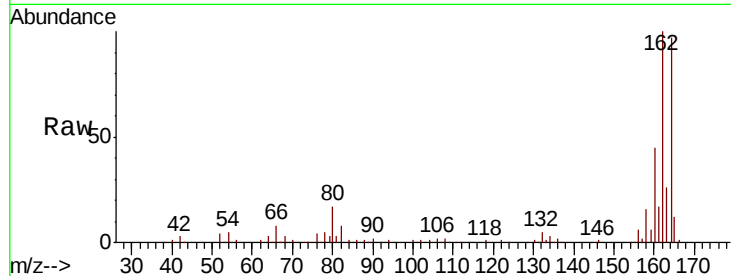




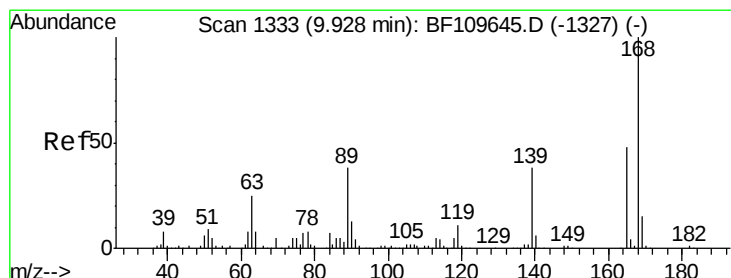
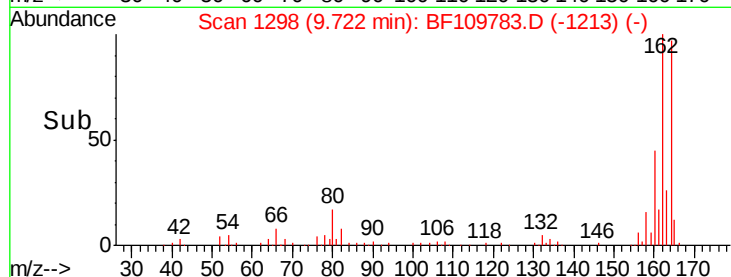
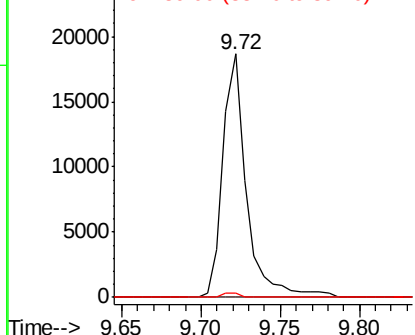
#50
 2,6-Dinitrotoluene
 Concen: 7.548 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. 0.20 min
 Lab File: BF109783.D
 Acq: 11 Oct 2018 10:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	1.6	46.6	69.8#

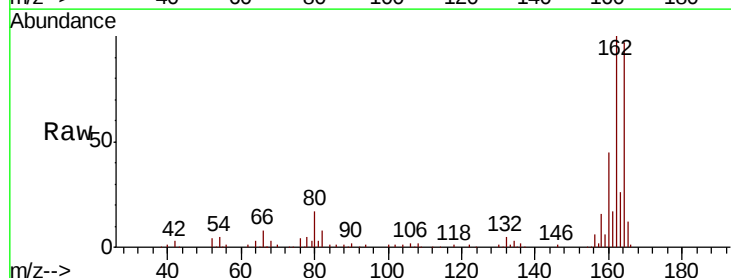


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

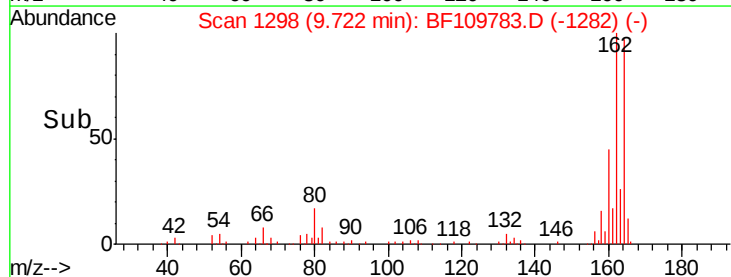
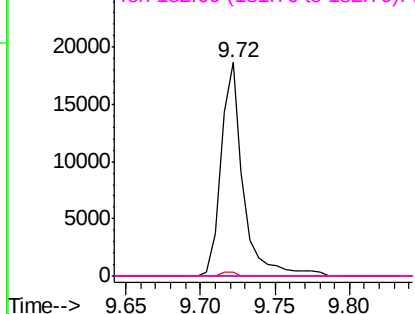


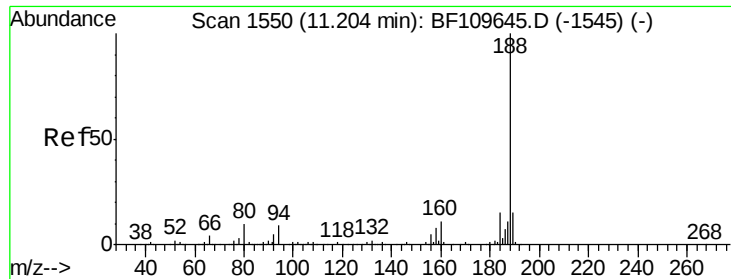
#56
 2,4-Dinitrotoluene
 Concen: 6.048 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.21 min
 Lab File: BF109783.D
 Acq: 11 Oct 2018 10:54

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



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
 Ion 182.00 (181.70 to 182.70): E

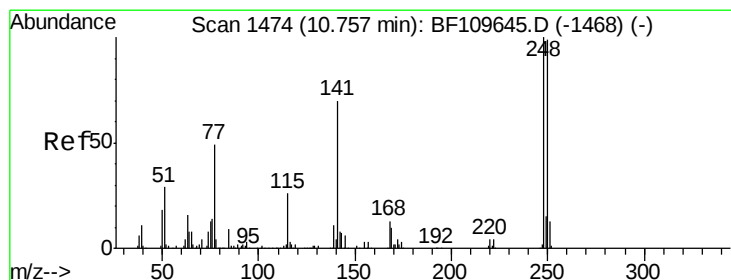
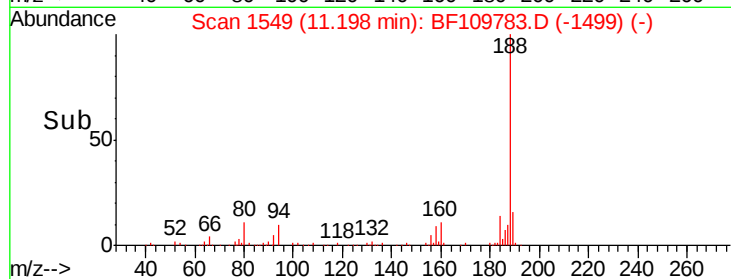
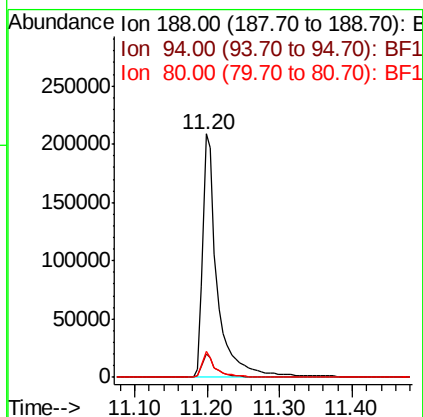
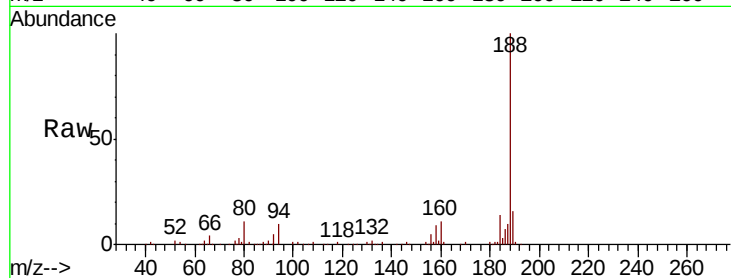




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF109783.D
Acq: 11 Oct 2018 10:54

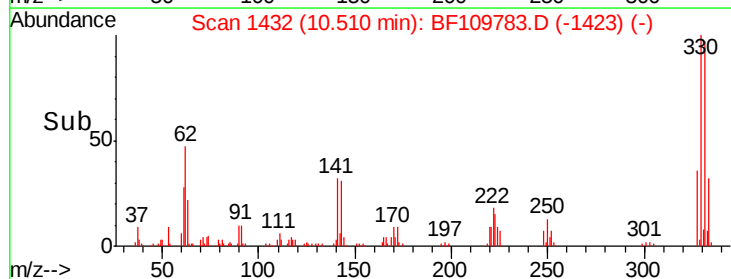
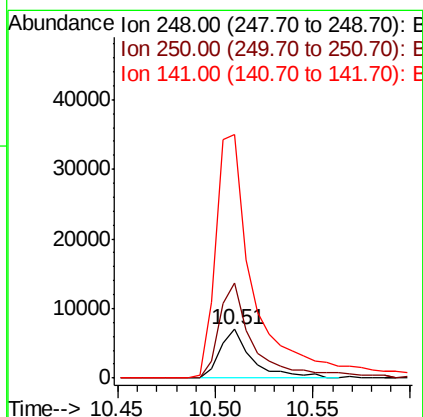
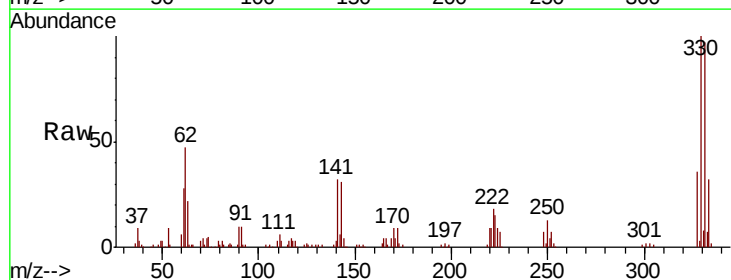
Instrument :
BNA_F
ClientSampleId :

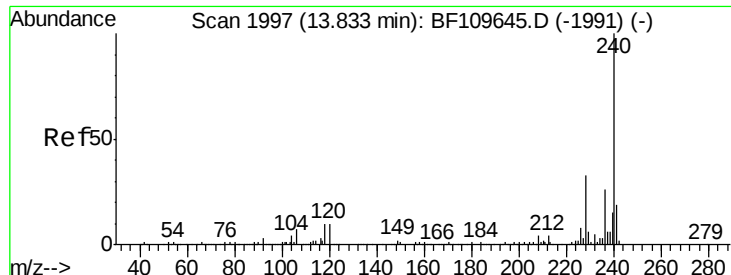
Tot Ion:188 Resp: 296726
Ion Ratio Lower Upper
188 100
94 9.6 7.2 10.8
80 10.6 7.9 11.9



#66
4-Bromophenyl-phenylether
Concen: 2.342 ng
RT: 10.51 min Scan# 1432
Delta R.T. -0.25 min
Lab File: BF109783.D
Acq: 11 Oct 2018 10:54

Tgt Ion:248 Resp: 7986
Ion Ratio Lower Upper
248 100
250 193.2 79.4 119.2#
141 496.7 55.9 83.9#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF109783.D

Acq: 11 Oct 2018 10:54

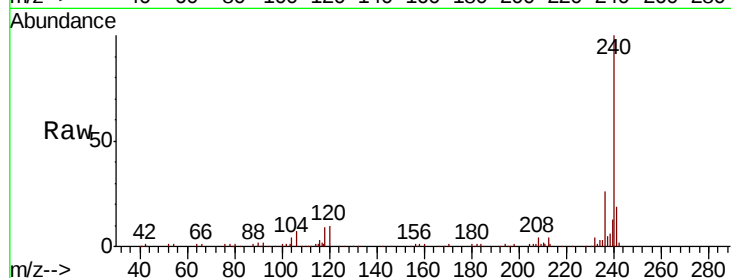
Instrument :

BNA_F

ClientSampled :

Tot Ion:240 Resp: 232487

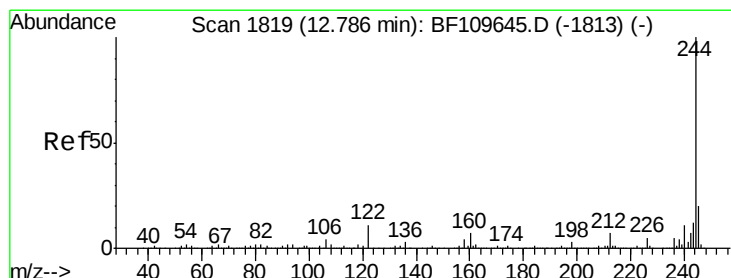
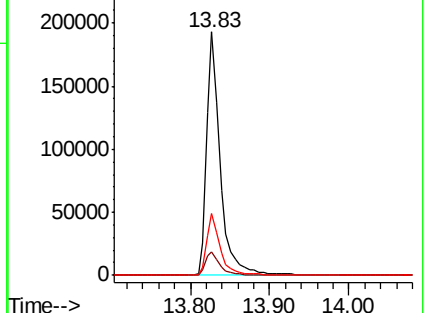
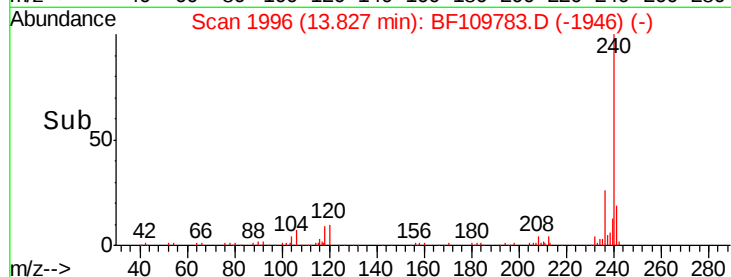
Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.3	12.5
236	25.6	21.2	31.8



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



#78

Terphenyl-d14

Concen: 82.314 ng

RT: 12.78 min Scan# 1818

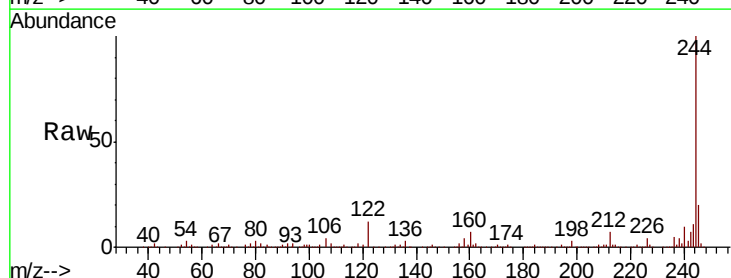
Delta R.T. -0.01 min

Lab File: BF109783.D

Acq: 11 Oct 2018 10:54

Tgt Ion:244 Resp: 988566

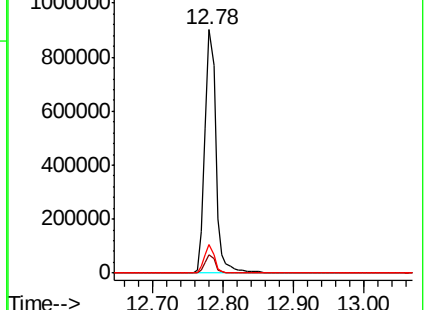
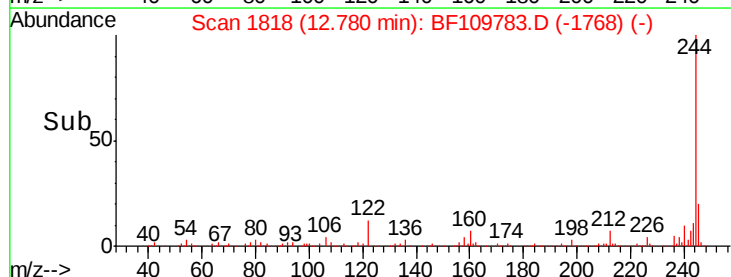
Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	11.7	8.7	13.1

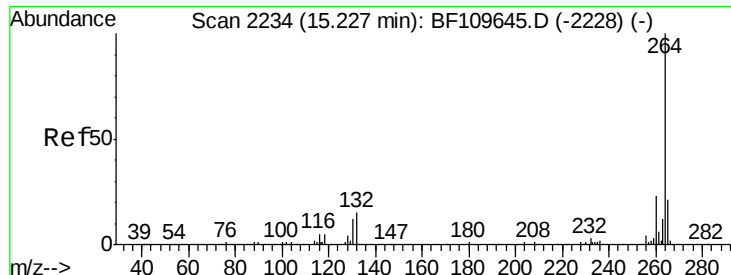


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. 0.00 min
Lab File: BF109783.D
Acq: 11 Oct 2018 10:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.7	28.1
265	21.3	16.7	25.1

