

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111518\
 Data File : BF110793.D
 Acq On : 15 Nov 2018 17:28
 Operator : JU/SJ
 Sample : J5955-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 15 17:57:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

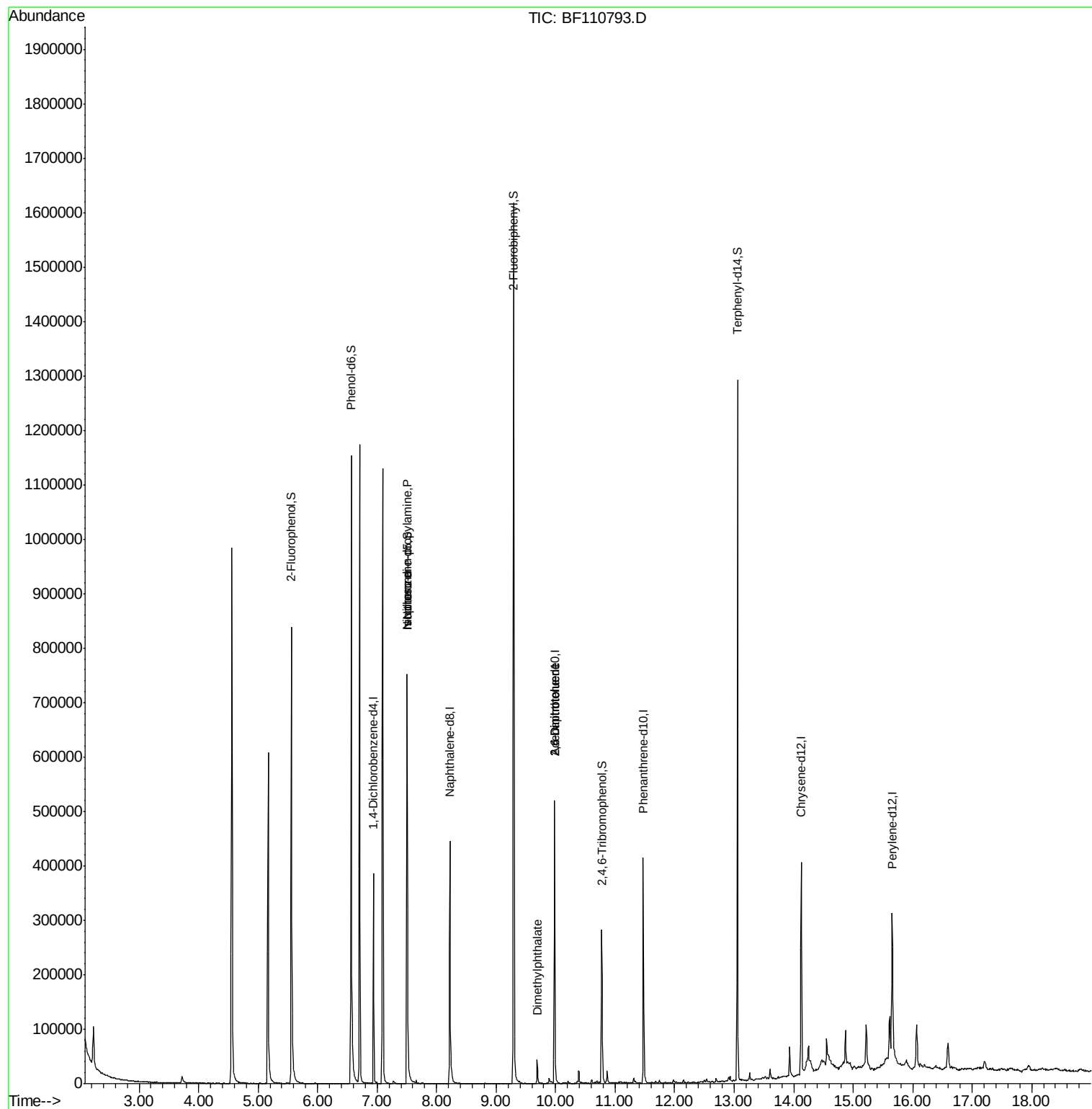
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	57788	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	233718	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	105731	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	175779	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	133134	20.00	ng	-0.01
87) Perylene-d12	15.66	264	126926	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	272626	76.63	ng	0.00
7) Phenol-d6	6.56	99	400582	88.05	ng	-0.01
23) Nitrobenzene-d5	7.50	82	266923	65.77	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	36295	34.07	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	511641	69.11	ng	-0.01
79) Terphenyl-d14	13.06	244	389077	54.73	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.56	77	344	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.50	70	34260	11.797	ng	# 80
25) Isophorone	7.50	82	266921	40.129	ng	# 67
50) Dimethylphthalate	9.69	163	22658	2.872	ng	99
51) 2,6-Dinitrotoluene	9.98	165	12692	7.313	ng	# 21
57) 2,4-Dinitrotoluene	9.98	165	12692	5.625	ng	# 17

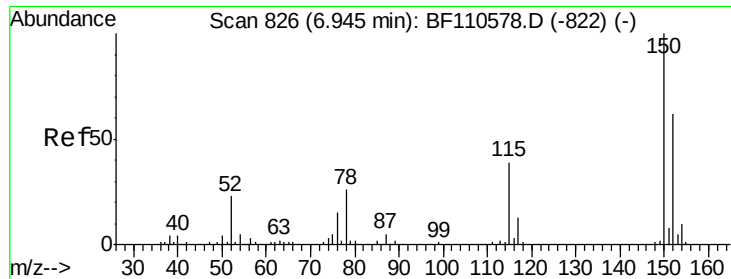
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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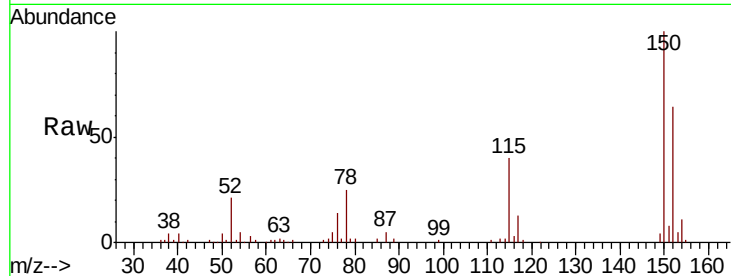


#1

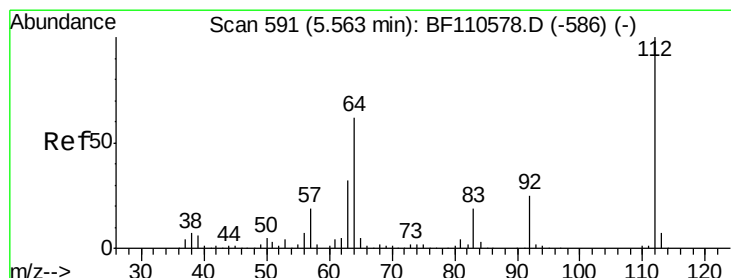
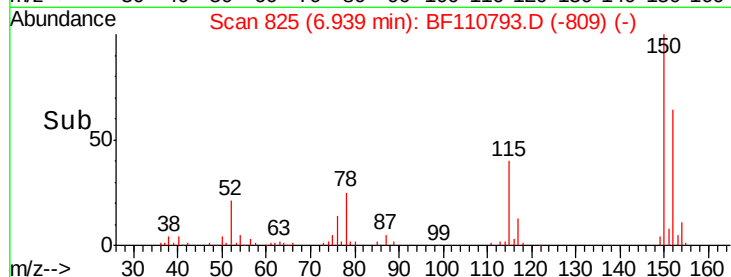
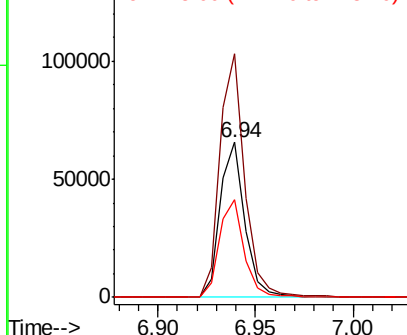
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110793.D
Acq: 15 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 57788
Ion Ratio Lower Upper
152 100
150 157.0 122.7 184.1
115 62.9 49.1 73.7



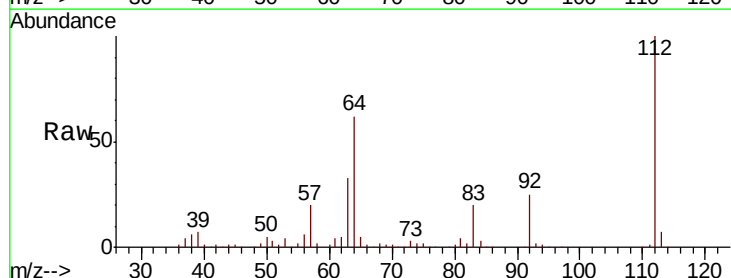
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



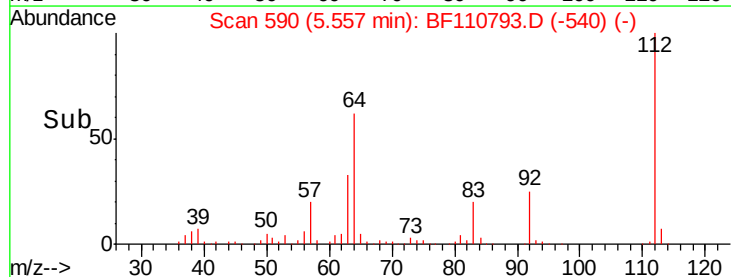
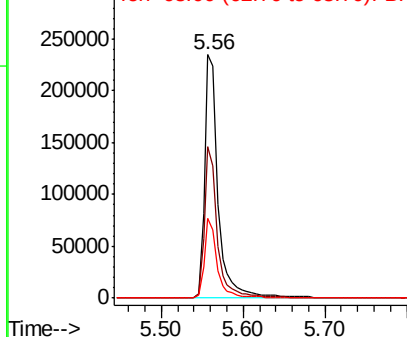
#5

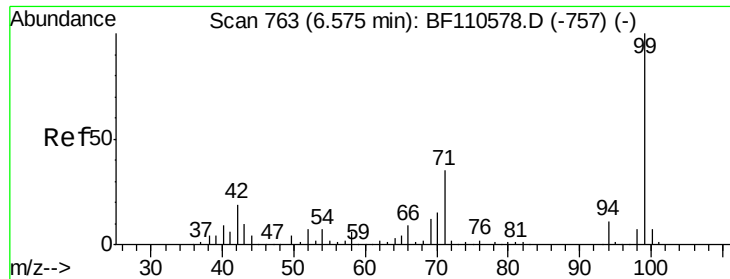
2-Fluorophenol
Concen: 76.630 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110793.D
Acq: 15 Nov 2018 17:28

Tgt Ion:112 Resp: 272626
Ion Ratio Lower Upper
112 100
64 62.2 44.1 66.1
63 32.8 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: 88.051 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110793.D

Acq: 15 Nov 2018 17:28

Instrument :

BNA_F

ClientSampleId :

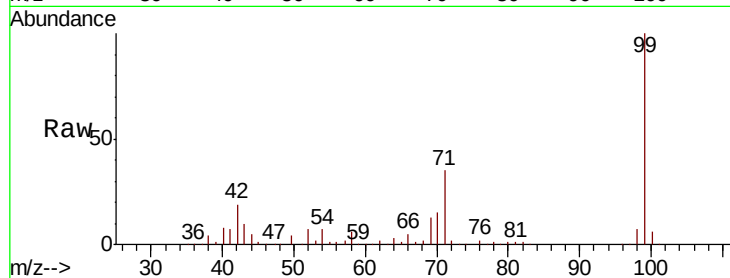
Tot Ion: 99 Resp: 400582

Ion Ratio Lower Upper

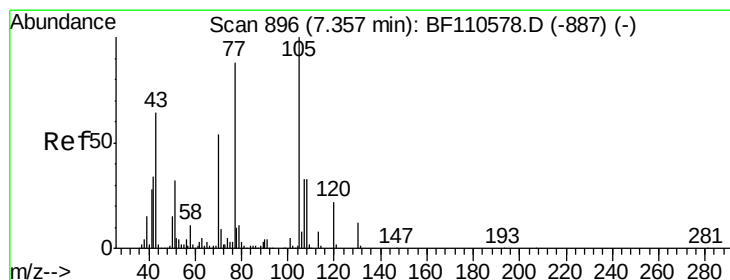
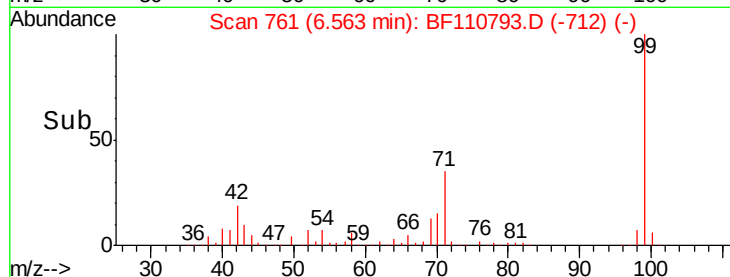
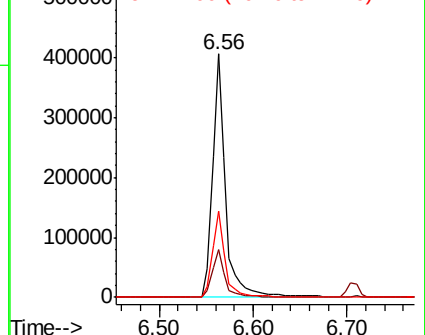
99 100

42 19.5 15.8 23.6

71 35.2 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: 11.797 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.15 min

Lab File: BF110793.D

Acq: 15 Nov 2018 17:28

Tgt Ion: 70 Resp: 34260

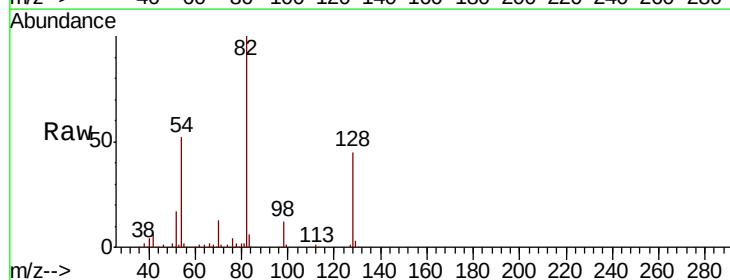
Ion Ratio Lower Upper

70 100

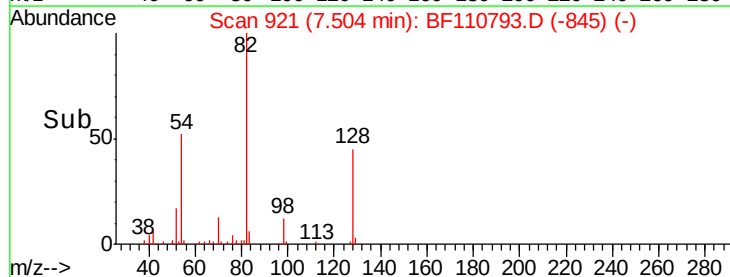
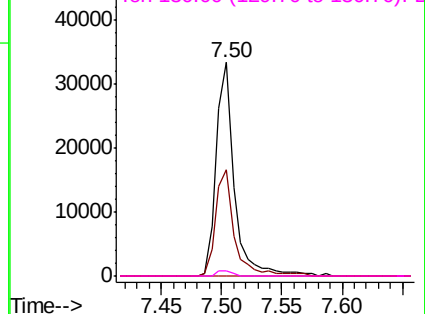
42 49.6 47.4 71.2

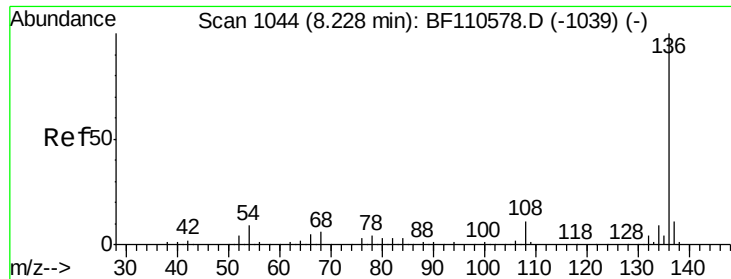
101 0.0 7.3 10.9#

130 2.4 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

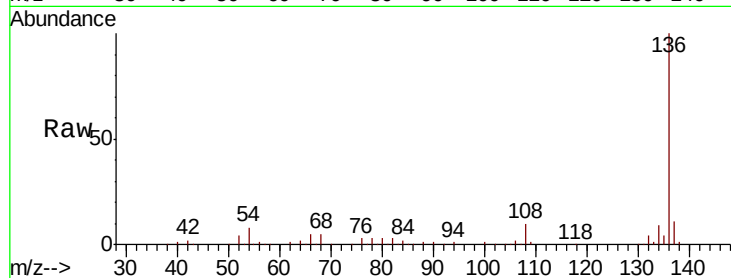




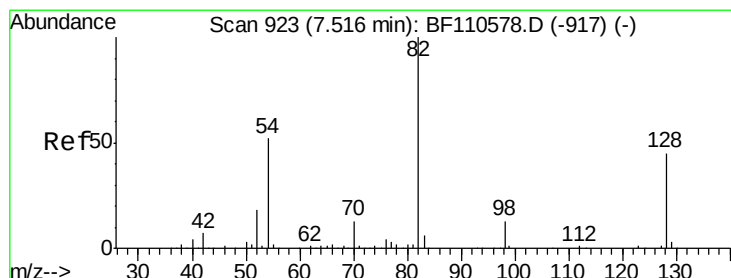
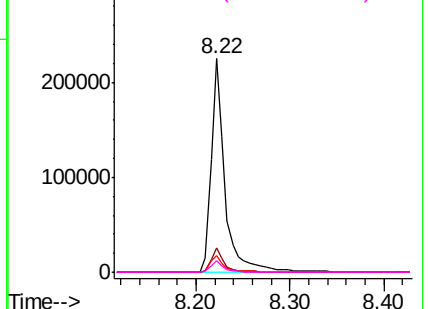
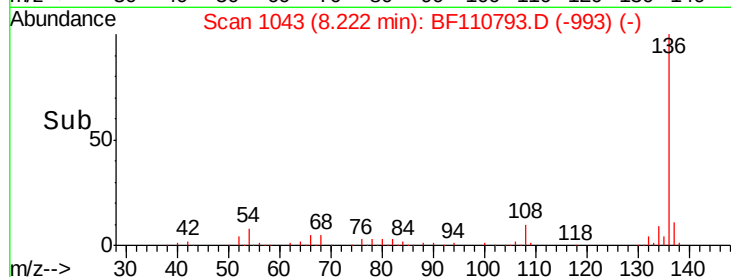
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110793.D
Acq: 15 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	233718
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	7.6	5.4	8.2
68	5.3	4.2	6.2

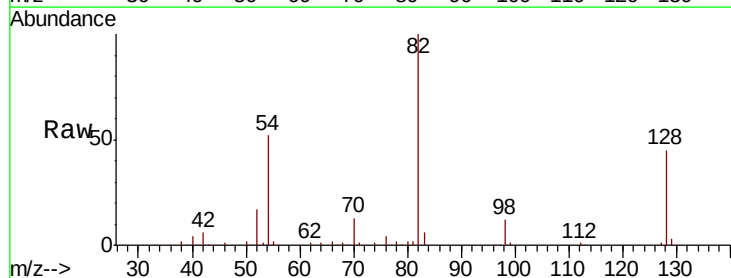


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

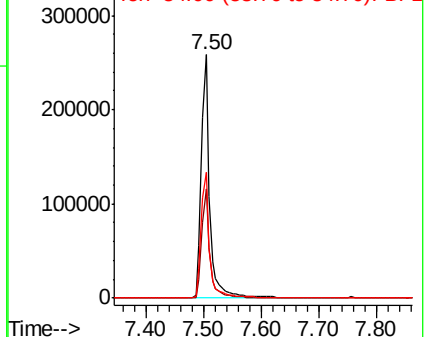
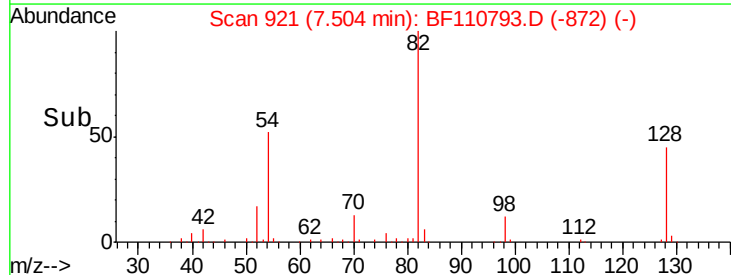


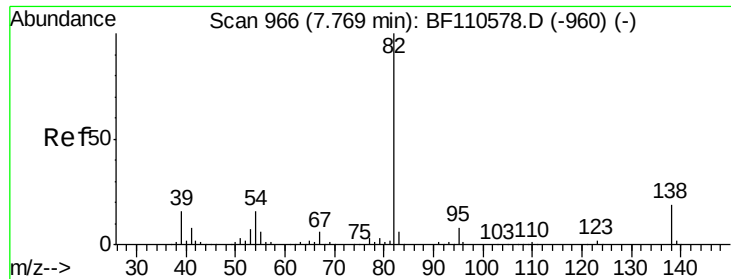
#23
Nitrobenzene-d5
Concen: 65.771 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110793.D
Acq: 15 Nov 2018 17:28

Tgt Ion:	82	Resp:	266923
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.2	51.2
54	51.8	38.6	58.0



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





#25

Isophorone

Concen: 40.129 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.26 min

Lab File: BF110793.D

Acq: 15 Nov 2018 17:28

Instrument :

BNA_F

ClientSampleId :

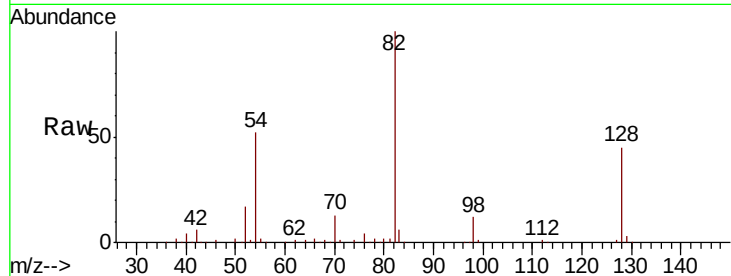
Tot Ion: 82 Resp: 266921

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

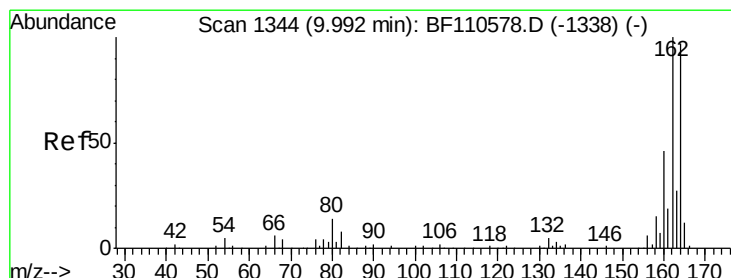
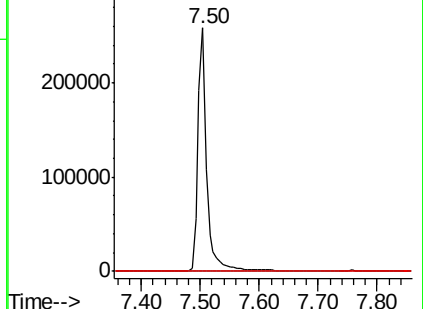
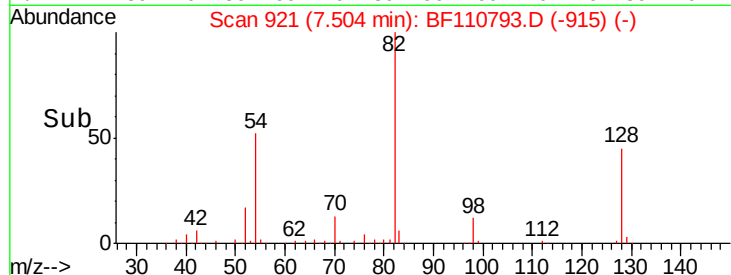
138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF110578.D (-960) (-)

Ion 95.00 (94.70 to 95.70): BF110578.D (-960) (-)

Ion 138.00 (137.70 to 138.70): BF110578.D (-960) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF110793.D

Acq: 15 Nov 2018 17:28

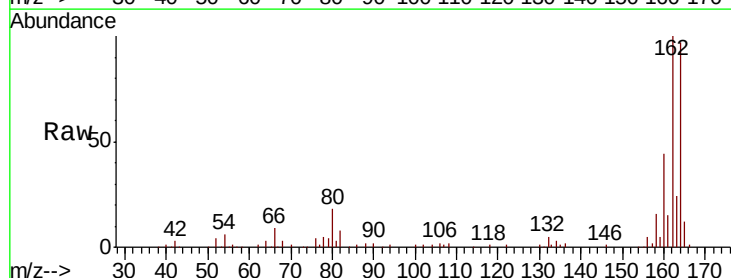
Tgt Ion: 164 Resp: 105731

Ion Ratio Lower Upper

164 100

162 103.2 83.0 124.6

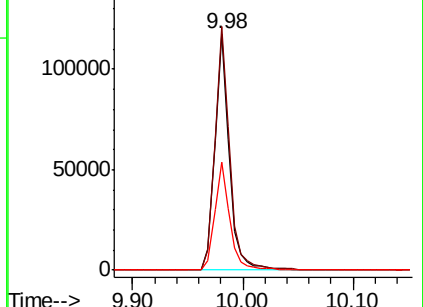
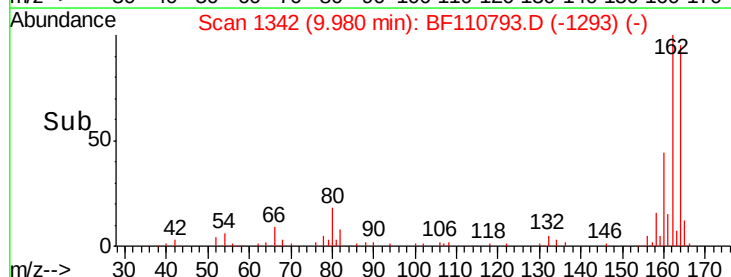
160 45.8 37.0 55.6

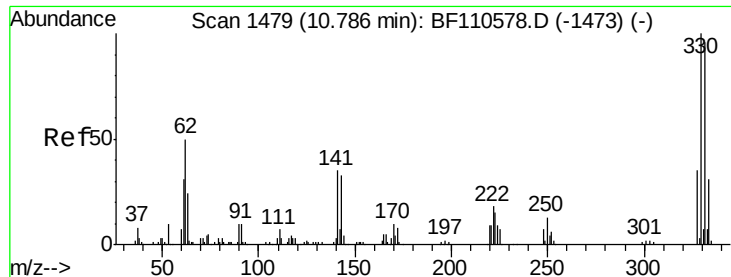


Abundance Ion 164.00 (163.70 to 164.70): BF110578.D (-1338) (-)

Ion 162.00 (161.70 to 162.70): BF110578.D (-1338) (-)

Ion 160.00 (159.70 to 160.70): BF110578.D (-1338) (-)





#42

2,4,6-Tribromophenol

Concen: 34.068 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF110793.D

Acq: 15 Nov 2018 17:28

Instrument :

BNA_F

ClientSampleId :

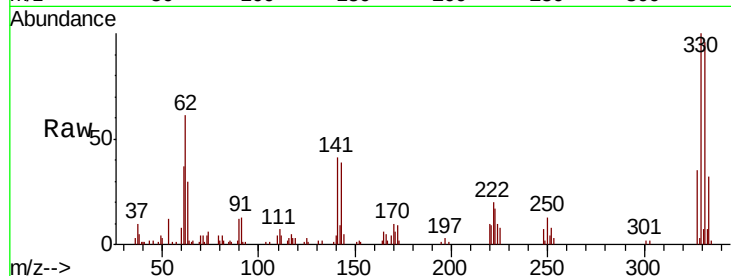
Tot Ion:330 Resp: 36295

Ion Ratio Lower Upper

330 100

332 97.2 77.1 115.7

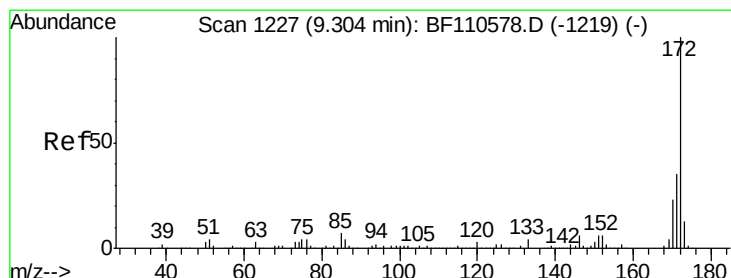
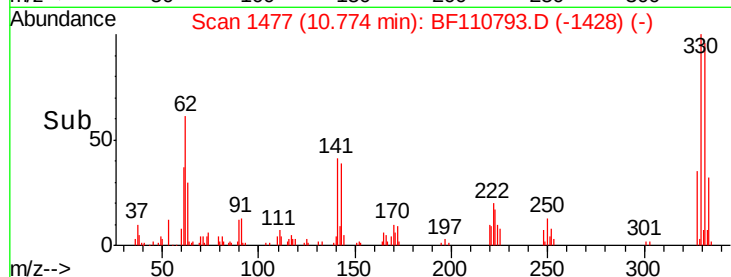
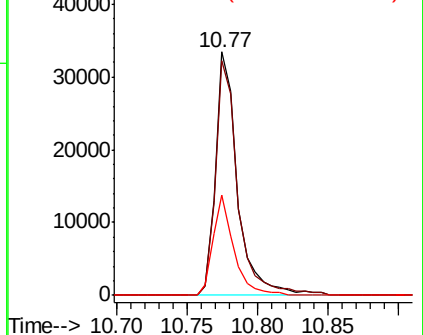
141 38.7 27.0 40.4



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: 69.111 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF110793.D

Acq: 15 Nov 2018 17:28

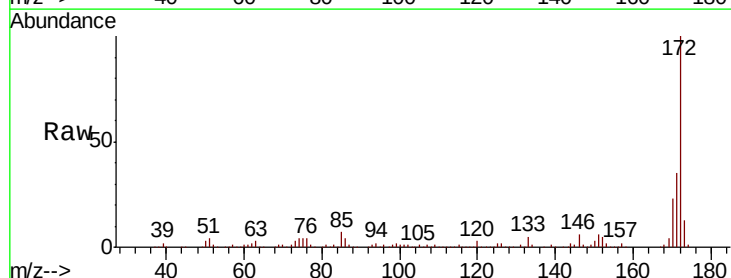
Tgt Ion:172 Resp: 511641

Ion Ratio Lower Upper

172 100

171 34.6 28.6 43.0

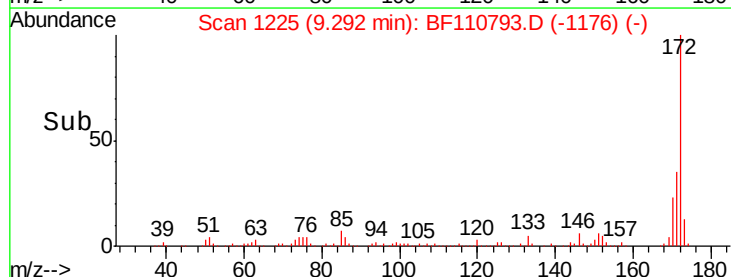
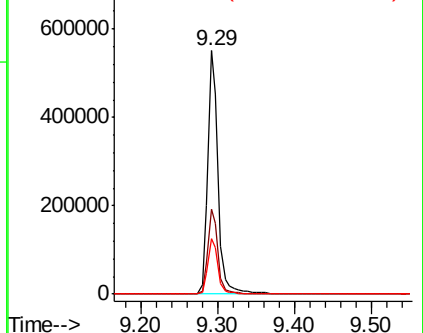
170 22.7 19.7 29.5

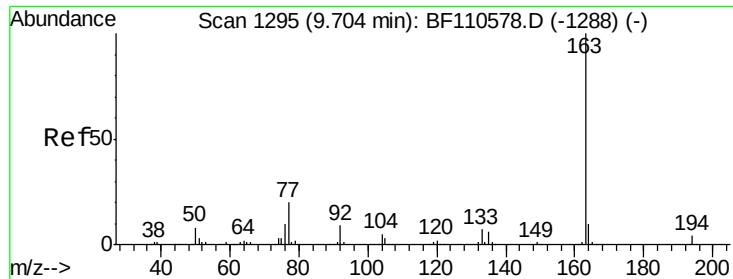


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

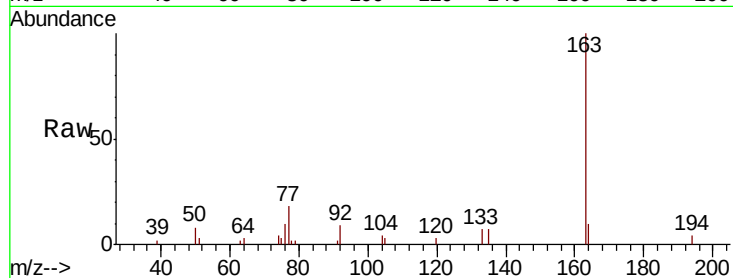




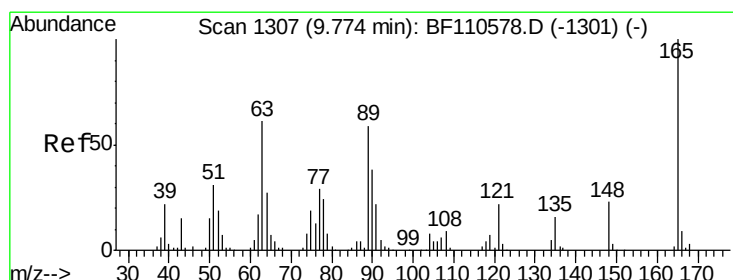
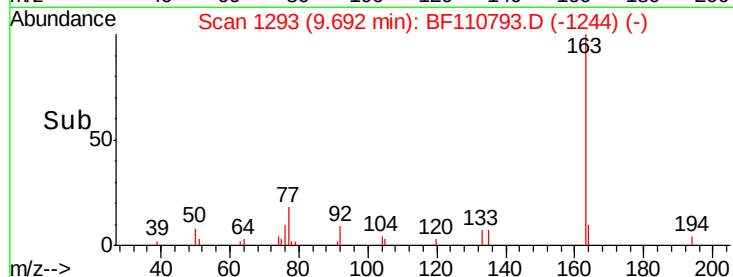
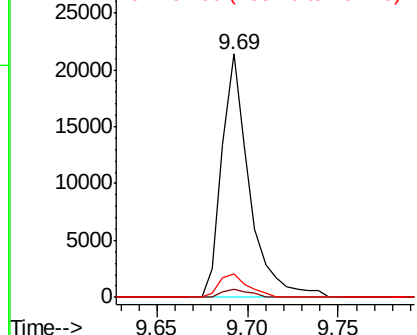
#50
Dimethylphthalate
Concen: 2.872 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110793.D
Acq: 15 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 22658
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 9.8 8.1 12.1

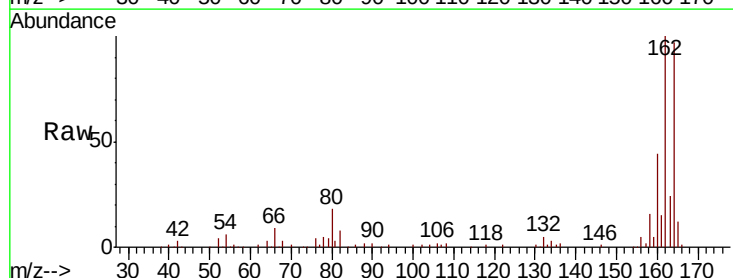


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

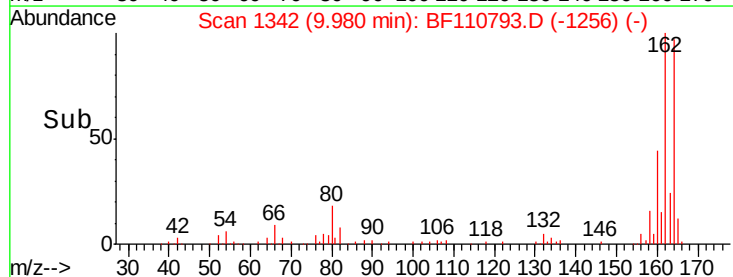
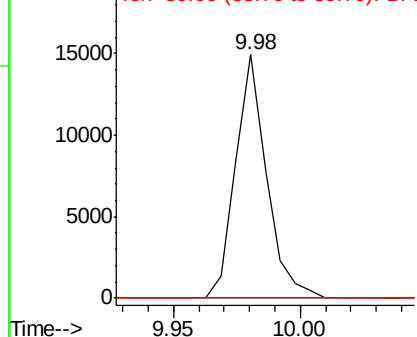


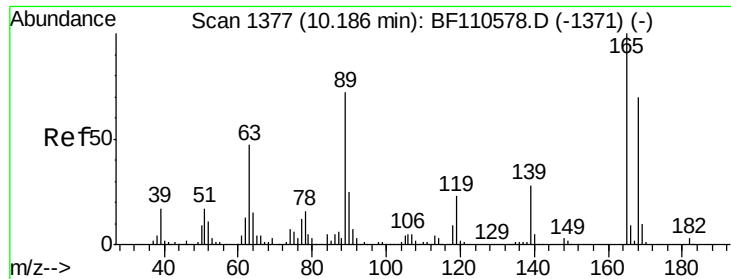
#51
2,6-Dinitrotoluene
Concen: 7.313 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF110793.D
Acq: 15 Nov 2018 17:28

Tgt Ion:165 Resp: 12692
Ion Ratio Lower Upper
165 100
63 0.0 48.9 73.3#
89 0.0 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

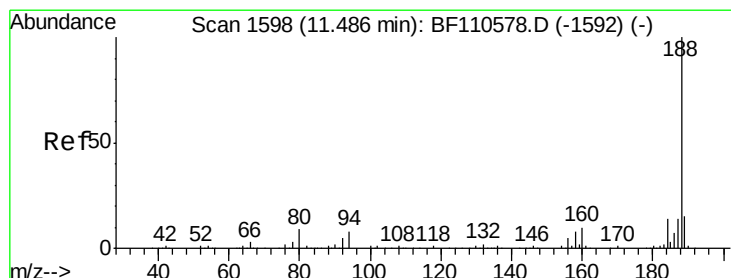
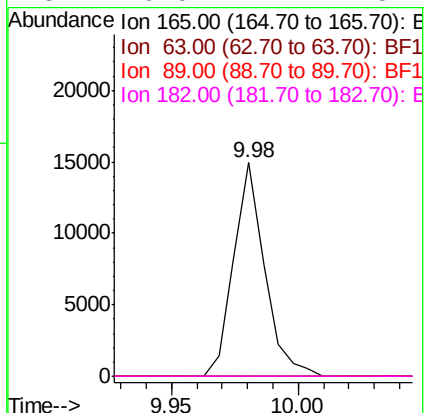
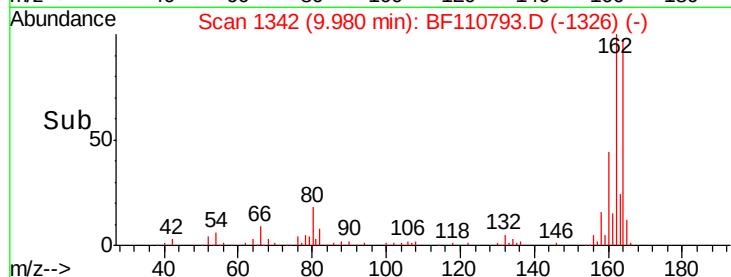
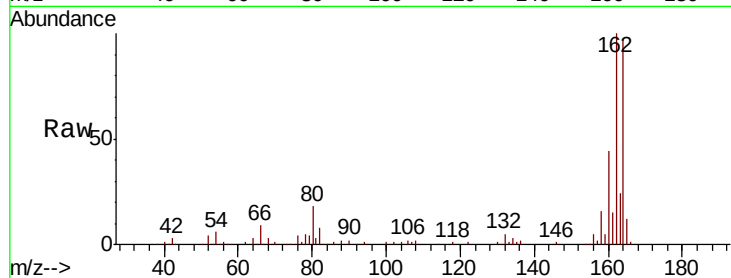




#57
 2,4-Dinitrotoluene
 Concen: 5.625 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110793.D
 Acq: 15 Nov 2018 17:28

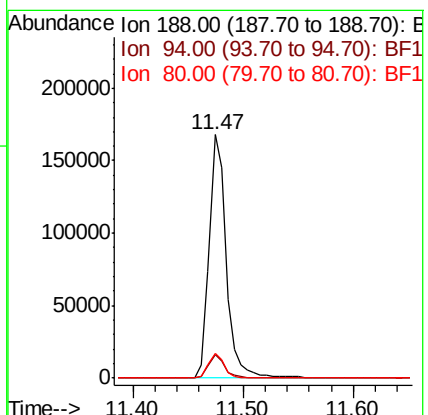
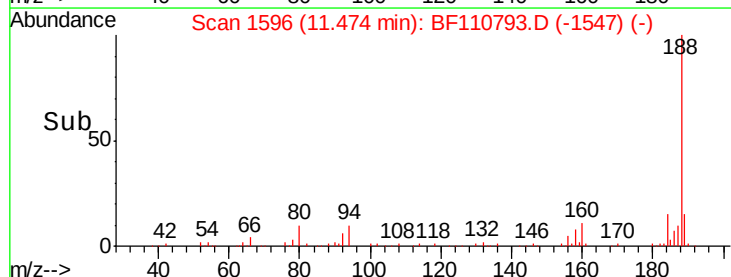
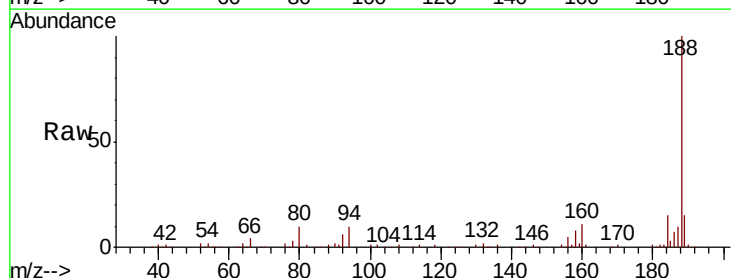
Instrument :
 BNA_F
 ClientSampleId :

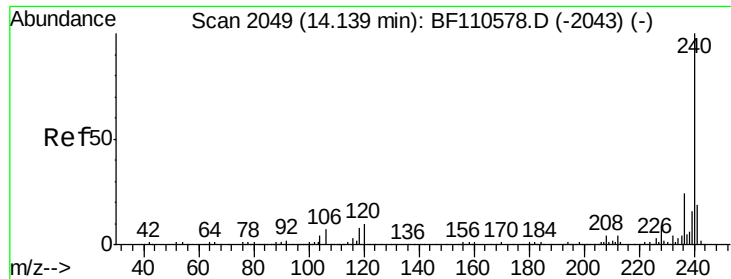
Tot Ion:165	Resp:	12692
Ion Ratio	Lower	Upper
165	100	
63	0.0	44.8 67.2#
89	0.0	62.2 93.4#
182	0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF110793.D
 Acq: 15 Nov 2018 17:28

Tgt Ion:188	Resp:	175779
Ion Ratio	Lower	Upper
188	100	
94	9.8	7.2 10.8
80	10.0	7.9 11.9

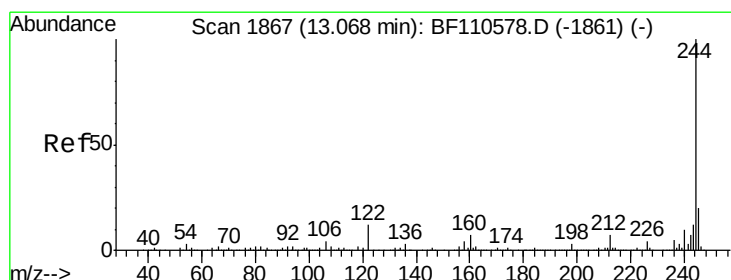
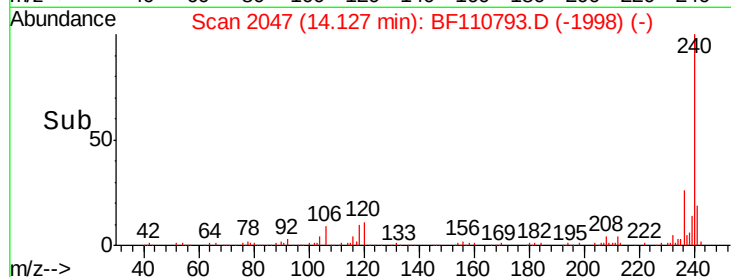
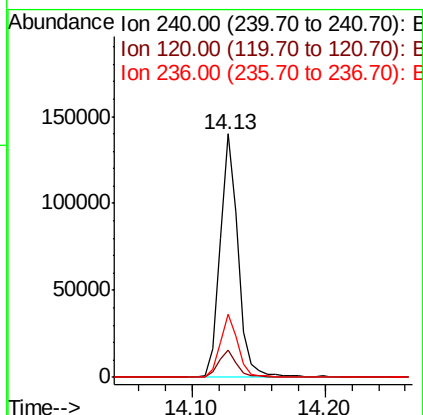
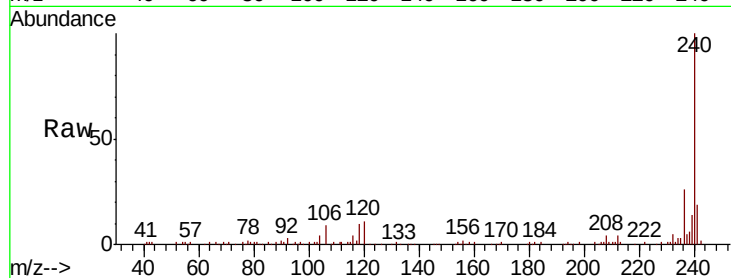




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110793.D
 Acq: 15 Nov 2018 17:28

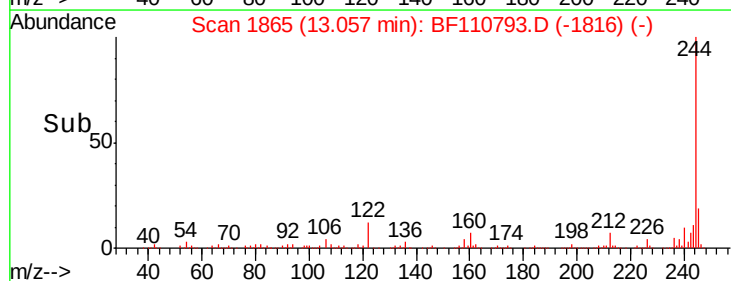
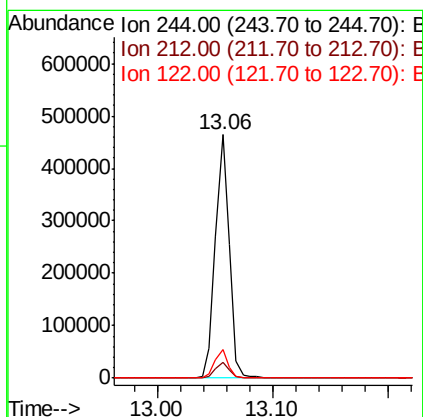
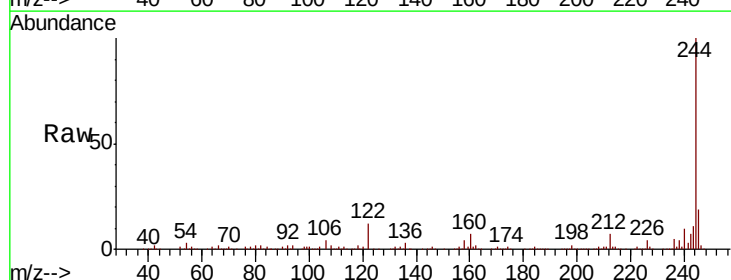
Instrument :
 BNA_F
 ClientSampleId :

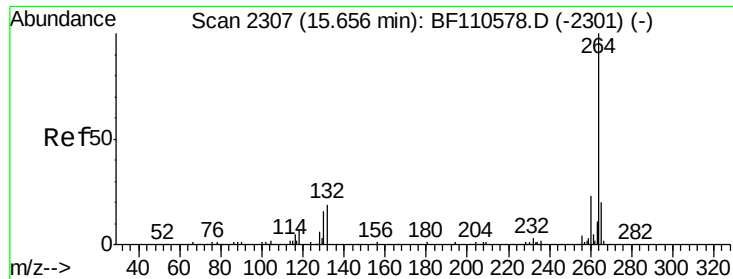
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	8.3	12.5
236	25.7	21.2	31.8



#79
 Terphenyl-d14
 Concen: 54.731 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF110793.D
 Acq: 15 Nov 2018 17:28

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	11.6	8.7	13.1





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. -0.00 min
Lab File: BF110793.D
Acq: 15 Nov 2018 17:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	21.0	16.7	25.1

