

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112618\
 Data File : BF110963.D
 Acq On : 26 Nov 2018 14:58
 Operator : JU/SJ
 Sample : PB115000BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 15:52:14 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF112618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 26 15:26:09 2018
 Response via : Initial Calibration

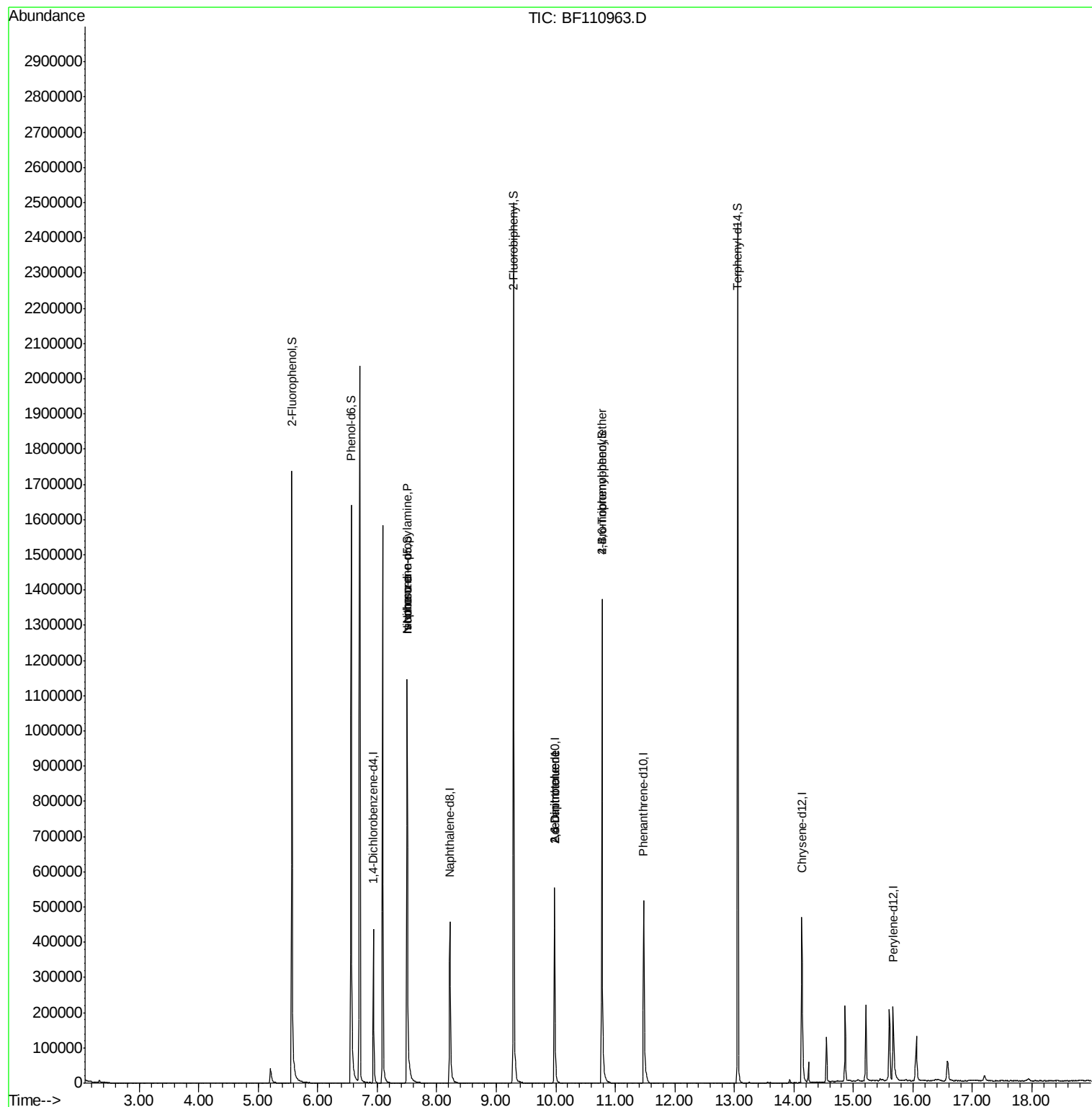
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	71672	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	292939	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	143770	20.00	ng	0.00
64) Phenanthrene-d10	11.47	188	286853	20.00	ng	0.00
76) Chrysene-d12	14.13	240	220507	20.00	ng	0.00
87) Perylene-d12	15.67	264	149556	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	542231	125.46	ng	0.02
7) Phenol-d6	6.56	99	676429	120.10	ng	0.00
23) Nitrobenzene-d5	7.50	82	436968	85.37	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	176562	123.66	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	833572	84.00	ng	0.00
79) Terphenyl-d14	13.06	244	891045	78.66	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	938	Below Cal		Qvalue
19) n-Nitroso-di-n-propylamine	7.50	70	58122	15.842 ng	#	1
25) Isophorone	7.50	82	436966	52.043 ng	#	78
51) 2,6-Dinitrotoluene	9.98	165	17939	7.642 ng	#	67
57) 2,4-Dinitrotoluene	9.98	165	17939	5.890 ng	#	21
67) 4-Bromophenyl-phenylether	10.77	248	11521	3.688 ng	#	17
					#	1

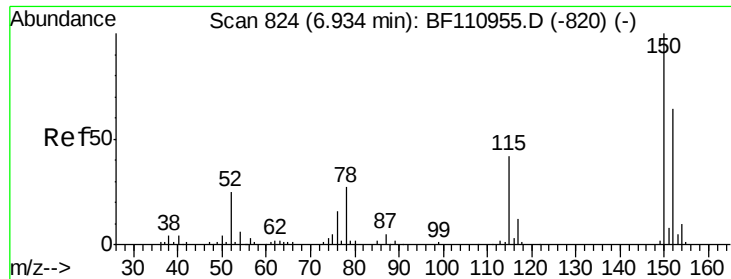
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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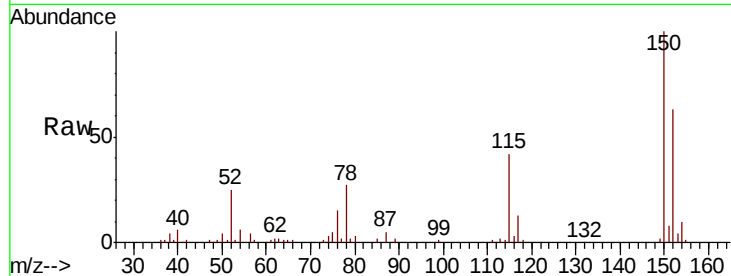




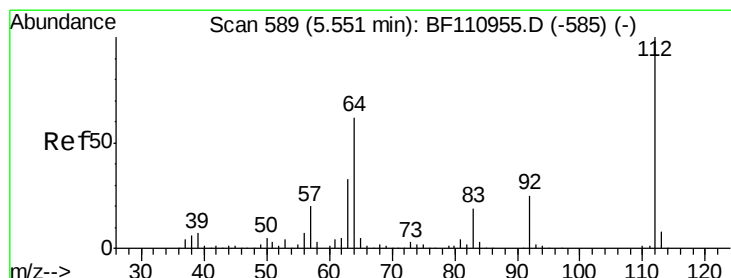
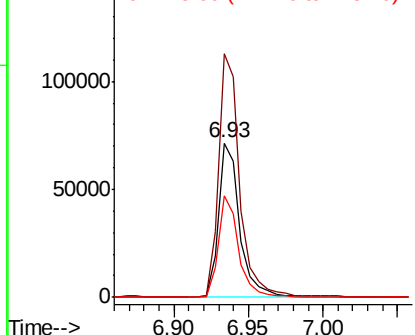
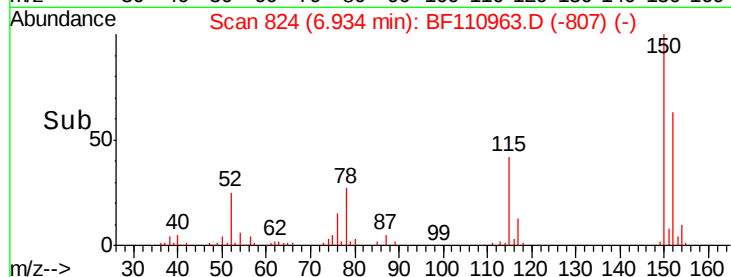
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.93 min Scan# 824
 Delta R.T. -0.00 min
 Lab File: BF110963.D
 Acq: 26 Nov 2018 14:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:152 Resp: 71672
 Ion Ratio Lower Upper
 152 100
 150 157.7 122.7 184.1
 115 65.7 49.1 73.7

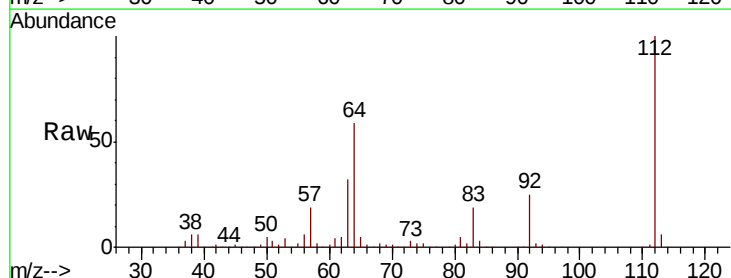


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

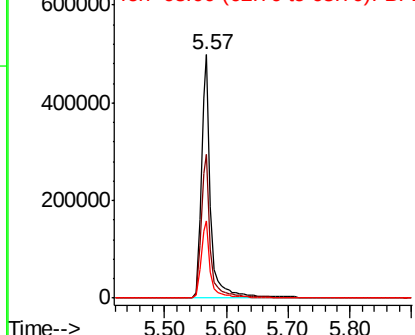
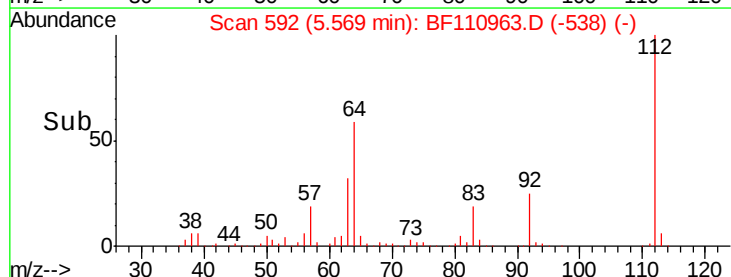


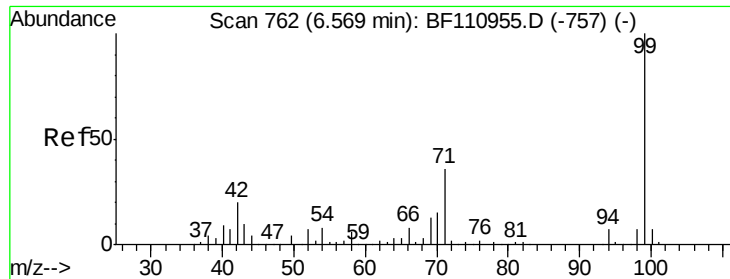
#5
 2-Fluorophenol
 Concen: 125.459 ng
 RT: 5.57 min Scan# 592
 Delta R.T. 0.02 min
 Lab File: BF110963.D
 Acq: 26 Nov 2018 14:58

Tgt Ion:112 Resp: 542231
 Ion Ratio Lower Upper
 112 100
 64 58.9 44.1 66.1
 63 31.7 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: 120.099 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110963.D

Acq: 26 Nov 2018 14:58

Instrument :

BNA_F

ClientSampleId :

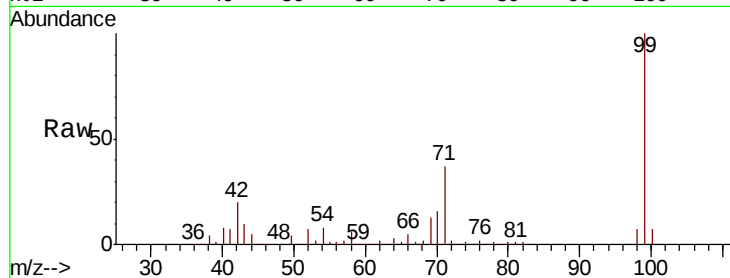
Tot Ion: 99 Resp: 676429

Ion Ratio Lower Upper

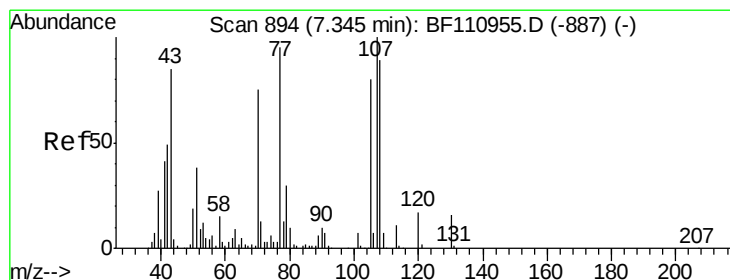
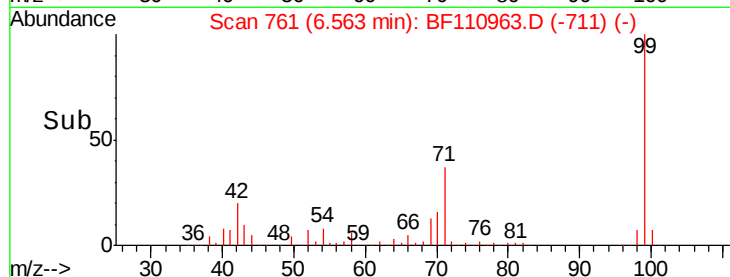
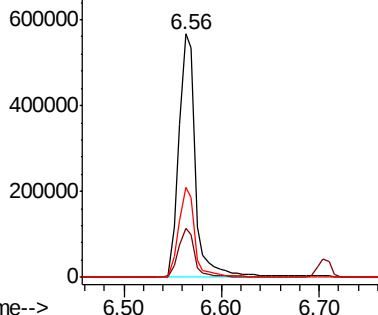
99 100

42 20.2 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



#19

n-Nitroso-di-n-propylamine

Concen: 15.842 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.16 min

Lab File: BF110963.D

Acq: 26 Nov 2018 14:58

Tgt Ion: 70 Resp: 58122

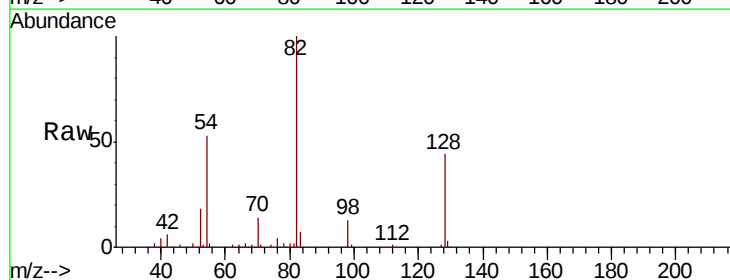
Ion Ratio Lower Upper

70 100

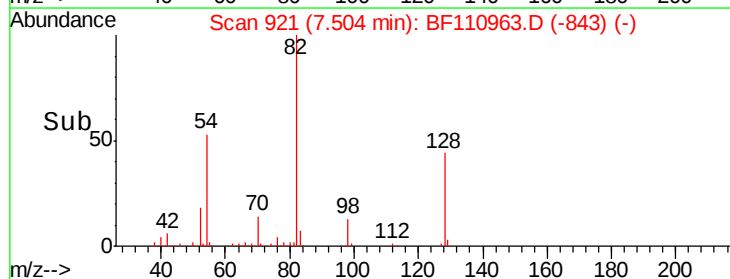
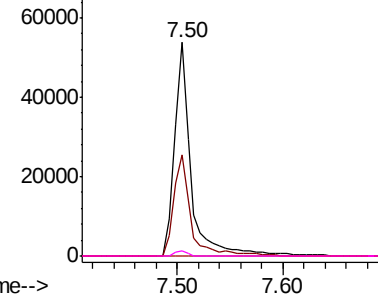
42 47.3 47.4 71.2#

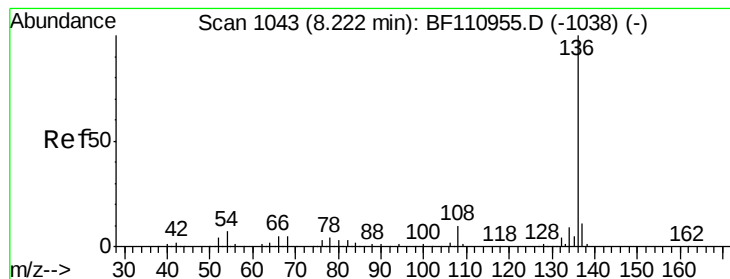
101 0.0 7.3 10.9#

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. -0.00 min

Lab File: BF110963.D

Acq: 26 Nov 2018 14:58

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 292939

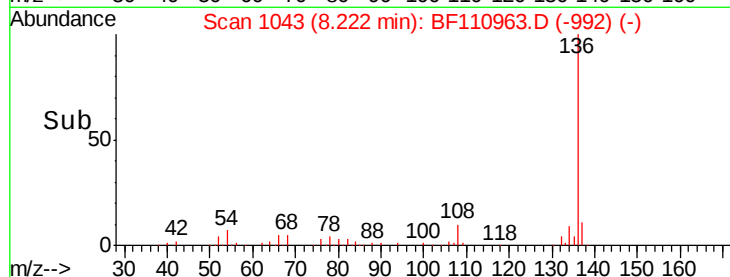
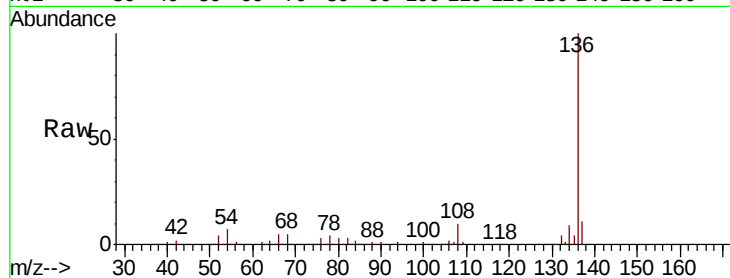
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 7.4 5.4 8.2

68 4.8 4.2 6.2

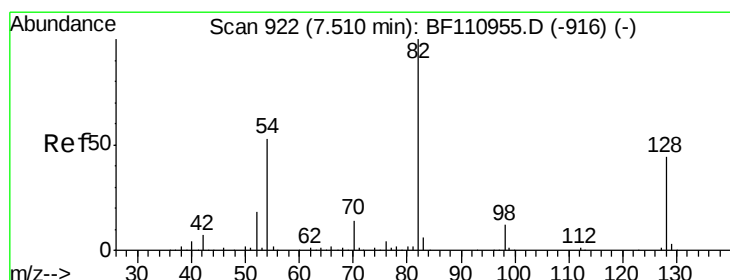
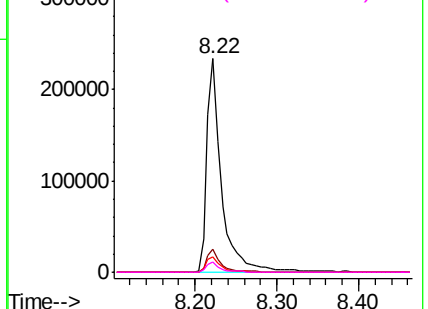


Abundance Ion 136.00 (135.70 to 136.70): E

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: 85.369 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF110963.D

Acq: 26 Nov 2018 14:58

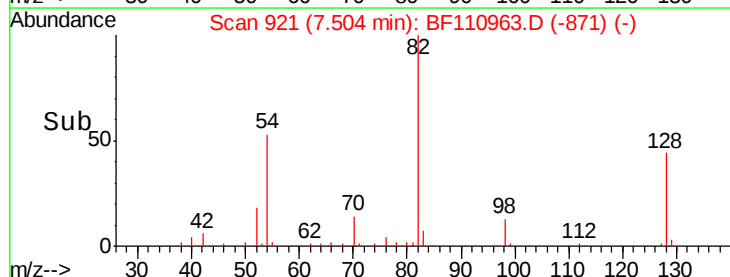
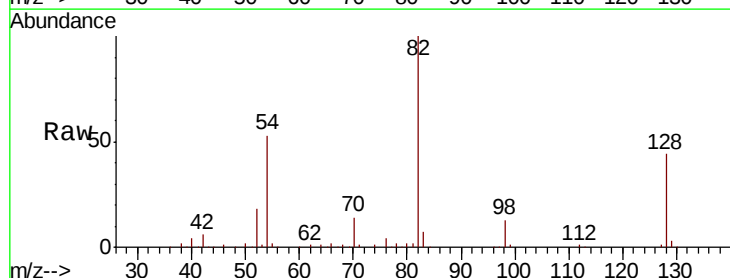
Tgt Ion: 82 Resp: 436968

Ion Ratio Lower Upper

82 100

128 43.7 34.2 51.2

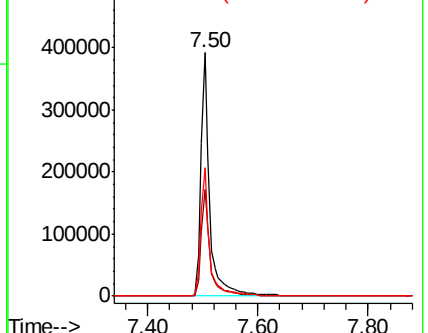
54 52.7 38.6 58.0

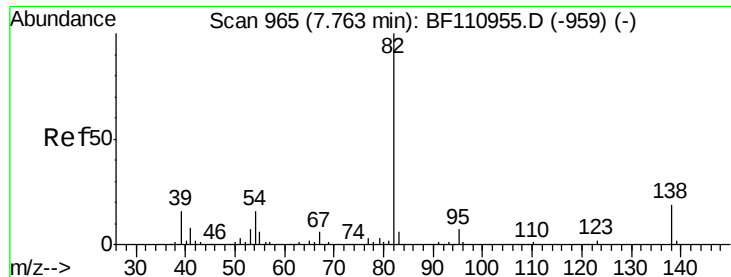


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

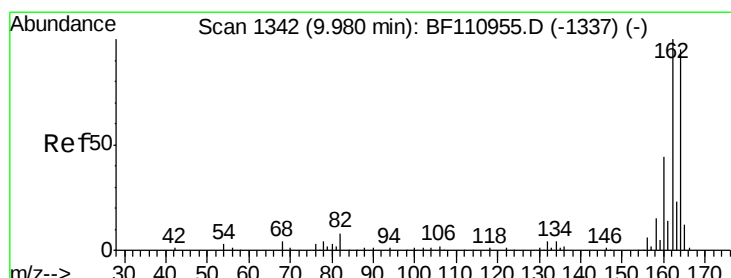
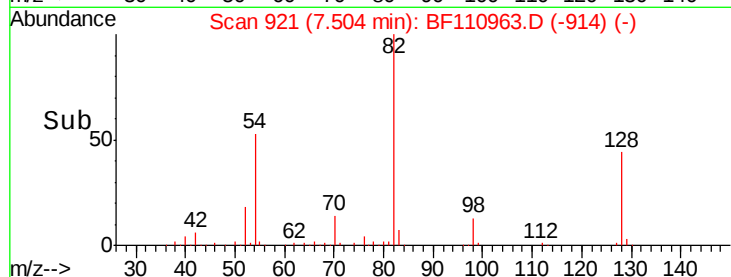
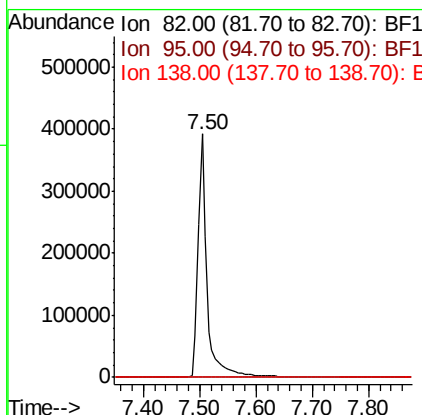
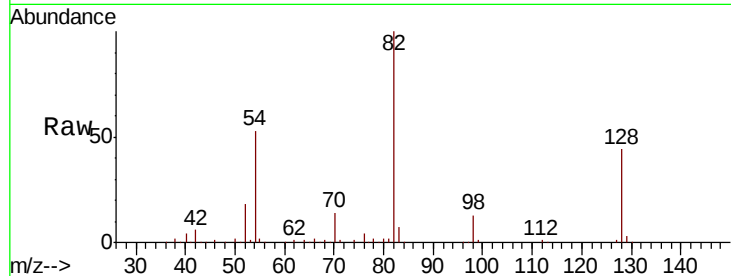




#25
Isophorone
Concen: 52.043 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110963.D
Acq: 26 Nov 2018 14:58

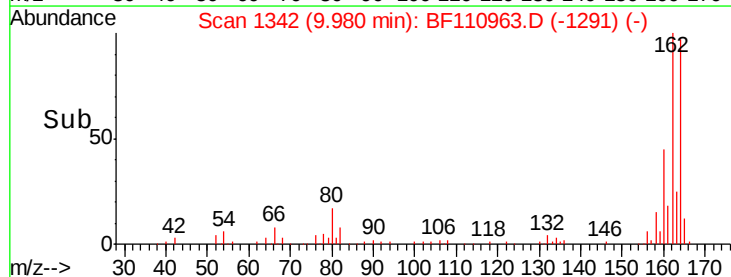
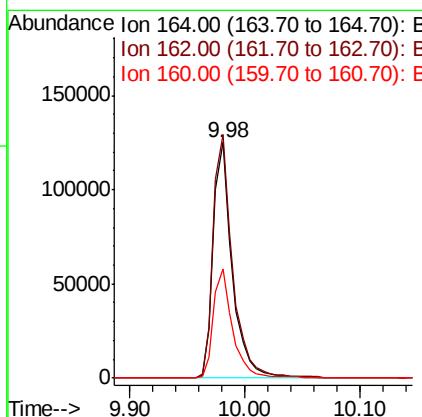
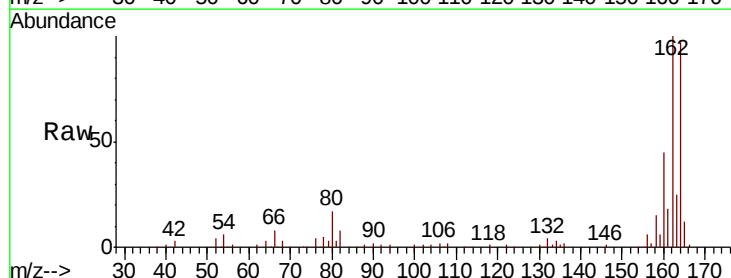
Instrument :
BNA_F
ClientSampleId :

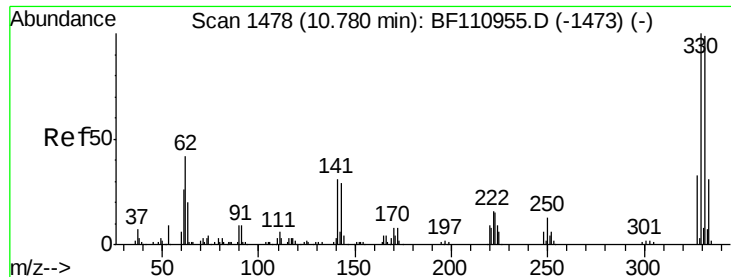
Tot Ion: 82 Resp: 436966
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.00 min
Lab File: BF110963.D
Acq: 26 Nov 2018 14:58

Tgt Ion:164 Resp: 143770
Ion Ratio Lower Upper
164 100
162 103.4 83.0 124.6
160 46.2 37.0 55.6

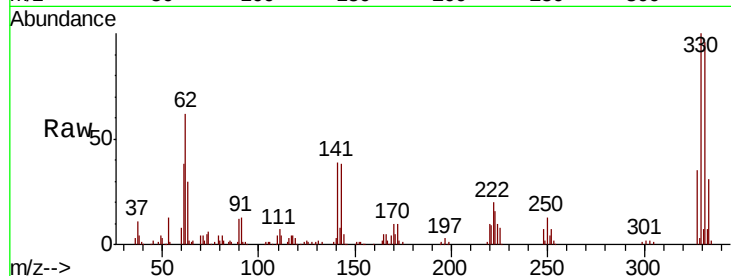




#42
 2,4,6-Tribromophenol
 Concen: 123.658 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF110963.D
 Acq: 26 Nov 2018 14:58

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.2	77.1	115.7
141	38.5	27.0	40.4

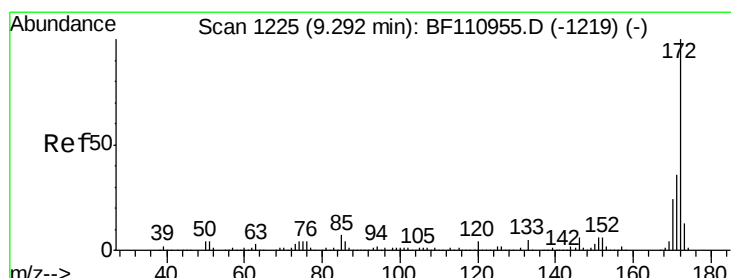
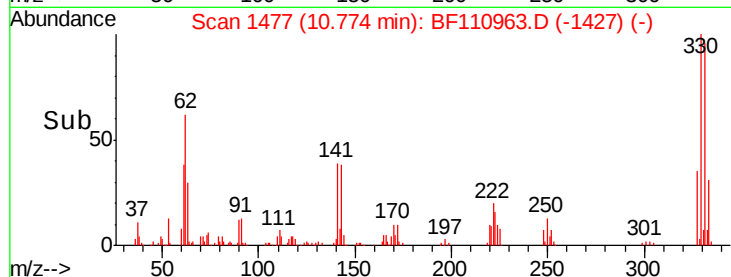
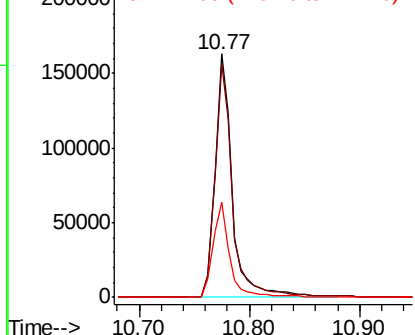


Abundance

Ion 329.80 (329.50 to 330.50): E

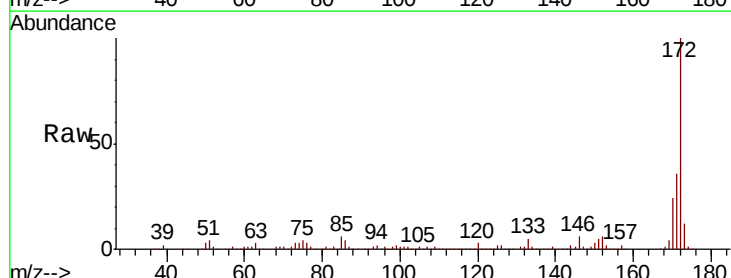
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 83.999 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: BF110963.D
 Acq: 26 Nov 2018 14:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	28.6	43.0
170	23.6	19.7	29.5

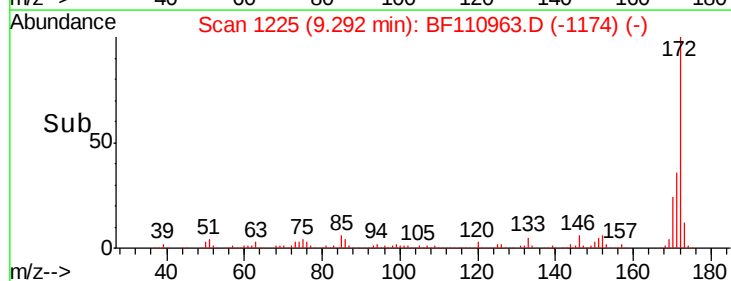
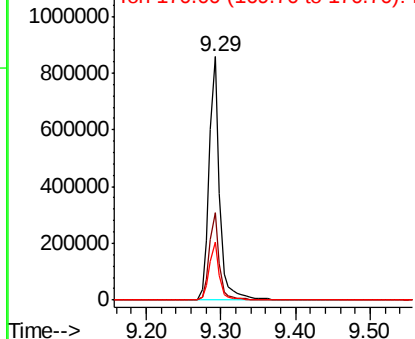


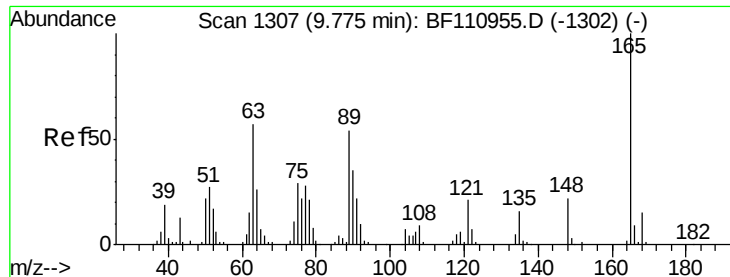
Abundance

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

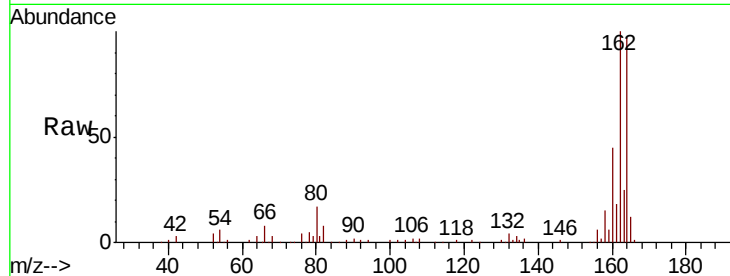




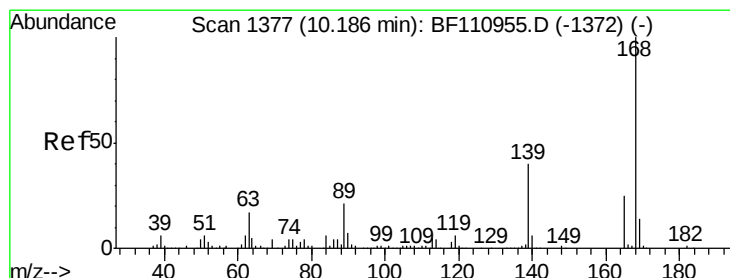
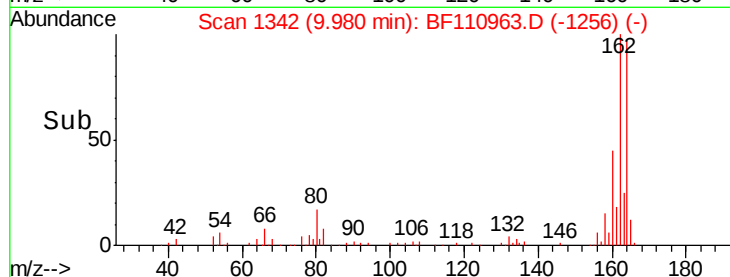
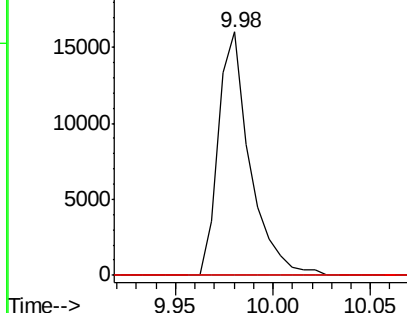
#51
 2,6-Dinitrotoluene
 Concen: 7.642 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110963.D
 Acq: 26 Nov 2018 14:58

Instrument :
 BNA_F
 ClientSampleId :

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



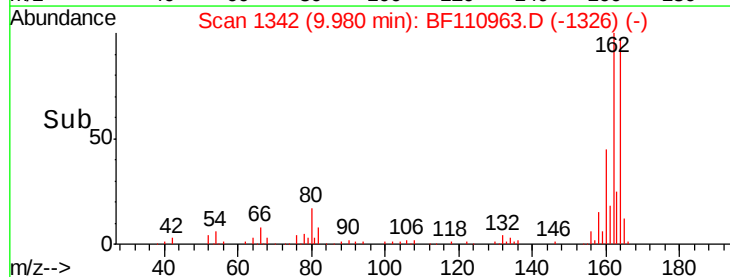
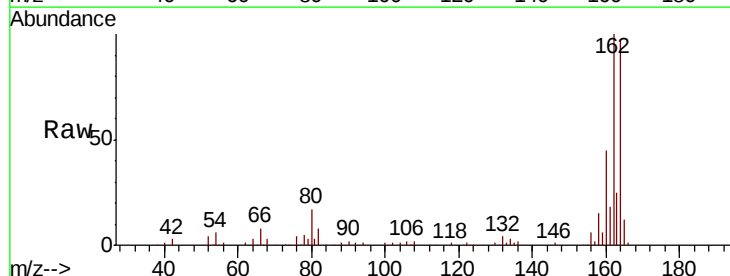
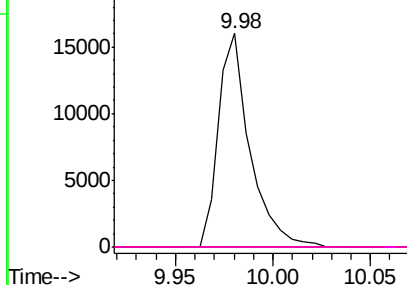
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

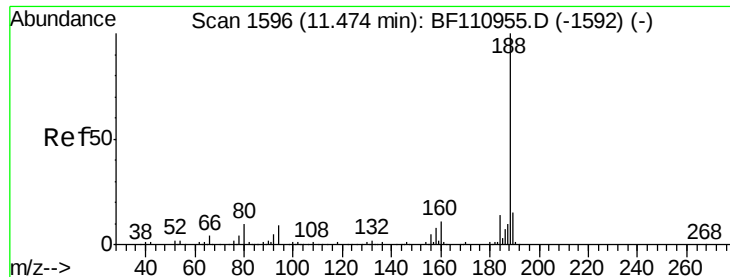


#57
 2,4-Dinitrotoluene
 Concen: 5.890 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110963.D
 Acq: 26 Nov 2018 14:58

Tgt 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#

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

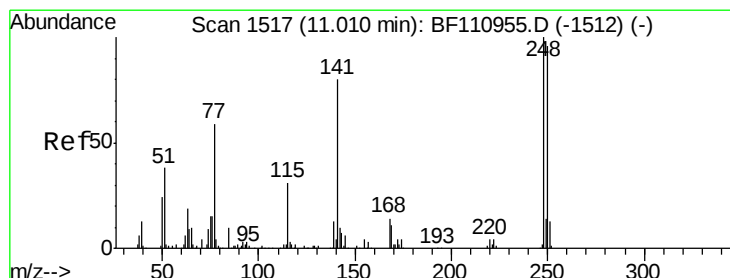
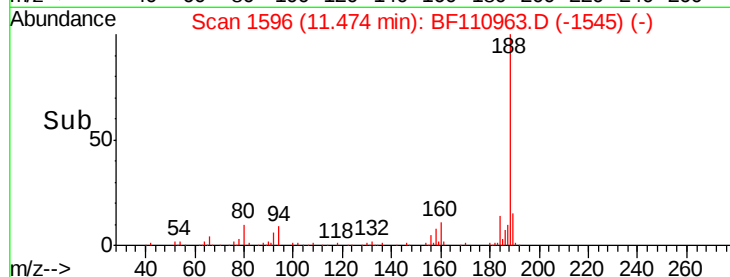
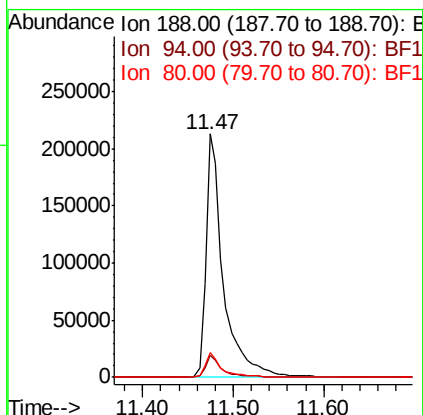
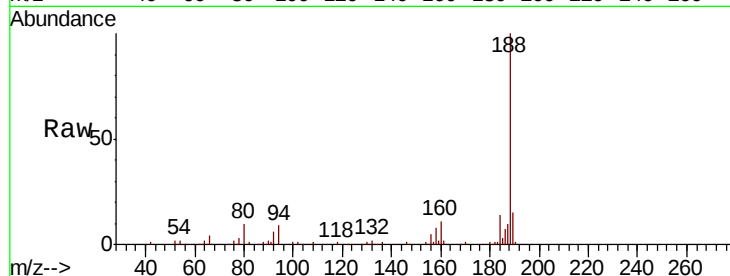




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.00 min
 Lab File: BF110963.D
 Acq: 26 Nov 2018 14:58

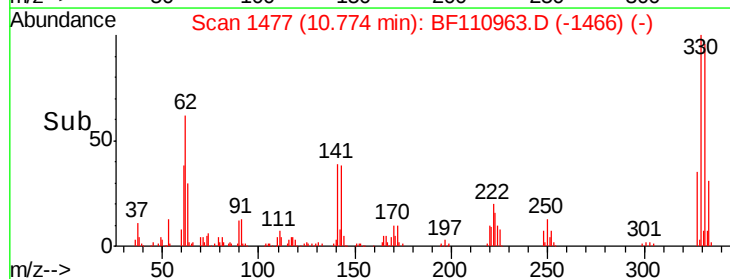
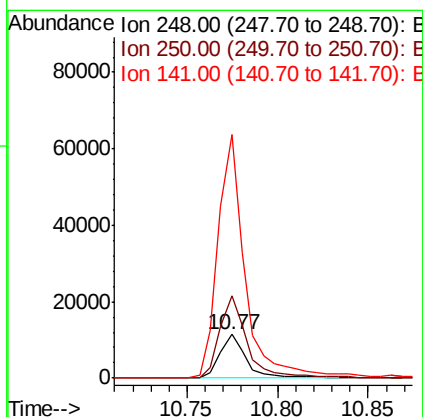
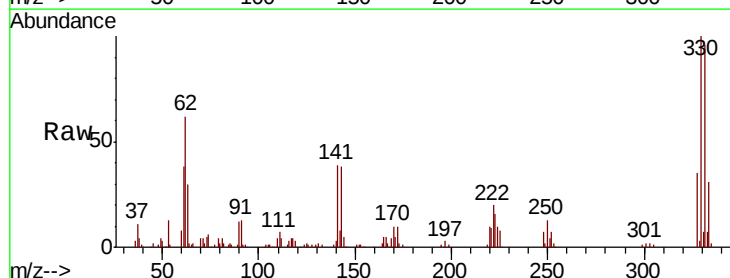
Instrument :
 BNA_F
 ClientSampled :

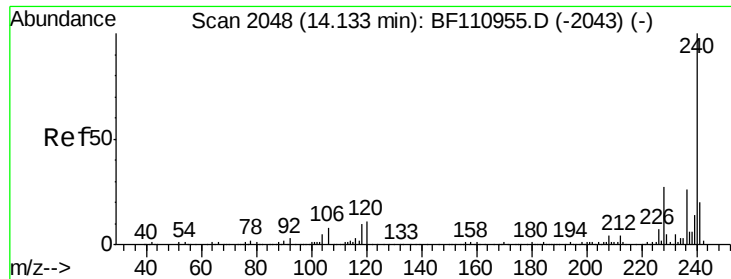
Tot Ion:188 Resp: 286853
 Ion Ratio Lower Upper
 188 100
 94 9.2 7.2 10.8
 80 10.0 7.9 11.9



#67
 4-Bromophenyl-phenylether
 Concen: 3.688 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.24 min
 Lab File: BF110963.D
 Acq: 26 Nov 2018 14:58

Tgt Ion:248 Resp: 11521
 Ion Ratio Lower Upper
 248 100
 250 189.5 79.4 119.2#
 141 561.4 55.9 83.9#

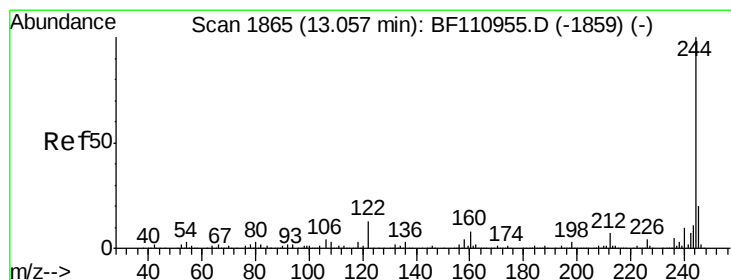
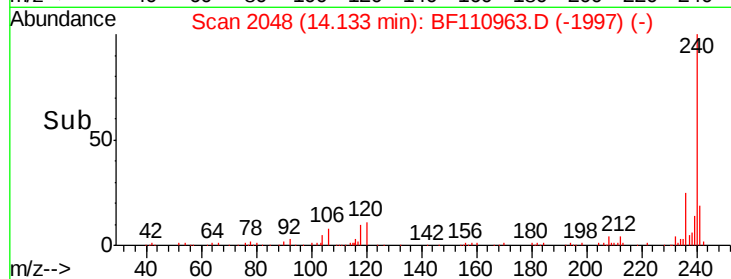
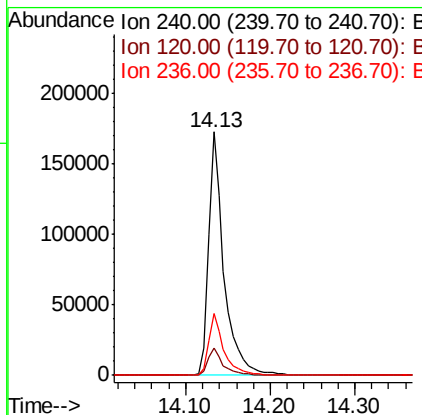
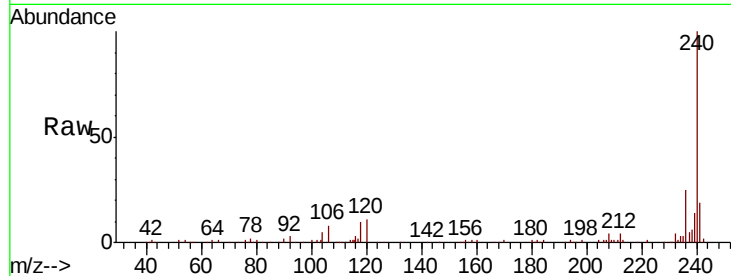




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.00 min
 Lab File: BF110963.D
 Acq: 26 Nov 2018 14:58

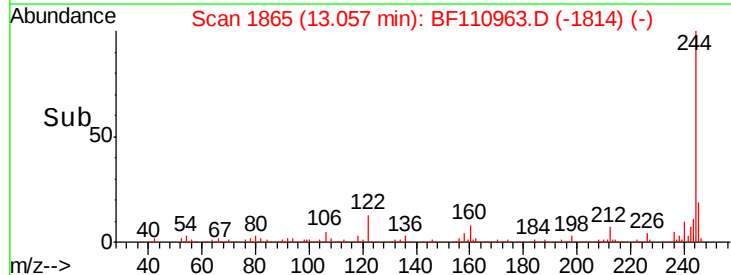
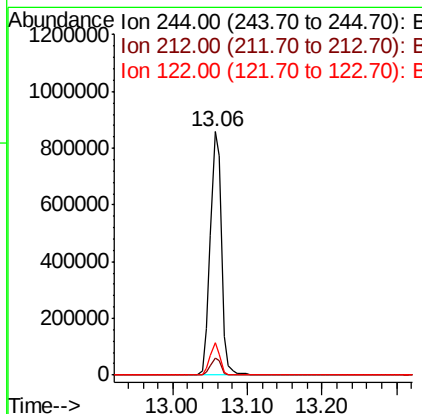
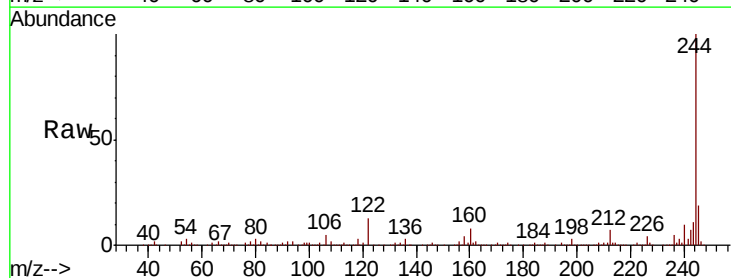
Instrument :
 BNA_F
 ClientSampleId :

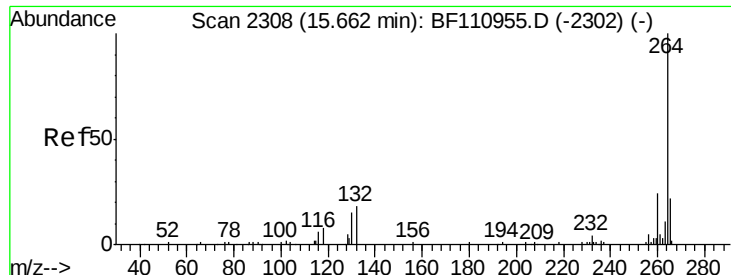
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.3	12.5
236	25.2	21.2	31.8



#79
 Terphenyl-d14
 Concen: 78.662 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: BF110963.D
 Acq: 26 Nov 2018 14:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.8	8.8
122	13.3	8.7	13.1#

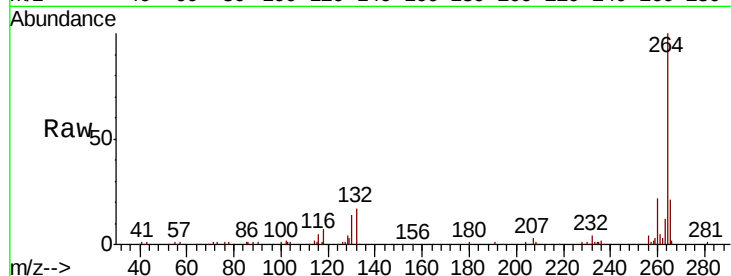




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. 0.01 min
 Lab File: BF110963.D
 Acq: 26 Nov 2018 14:58

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.7	28.1
265	20.9	16.7	25.1



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

