

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111418\
 Data File : BF110781.D
 Acq On : 14 Nov 2018 22:56
 Operator : JU/SJ
 Sample : PB114818BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB114818BL

Quant Time: Nov 15 04:39:10 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

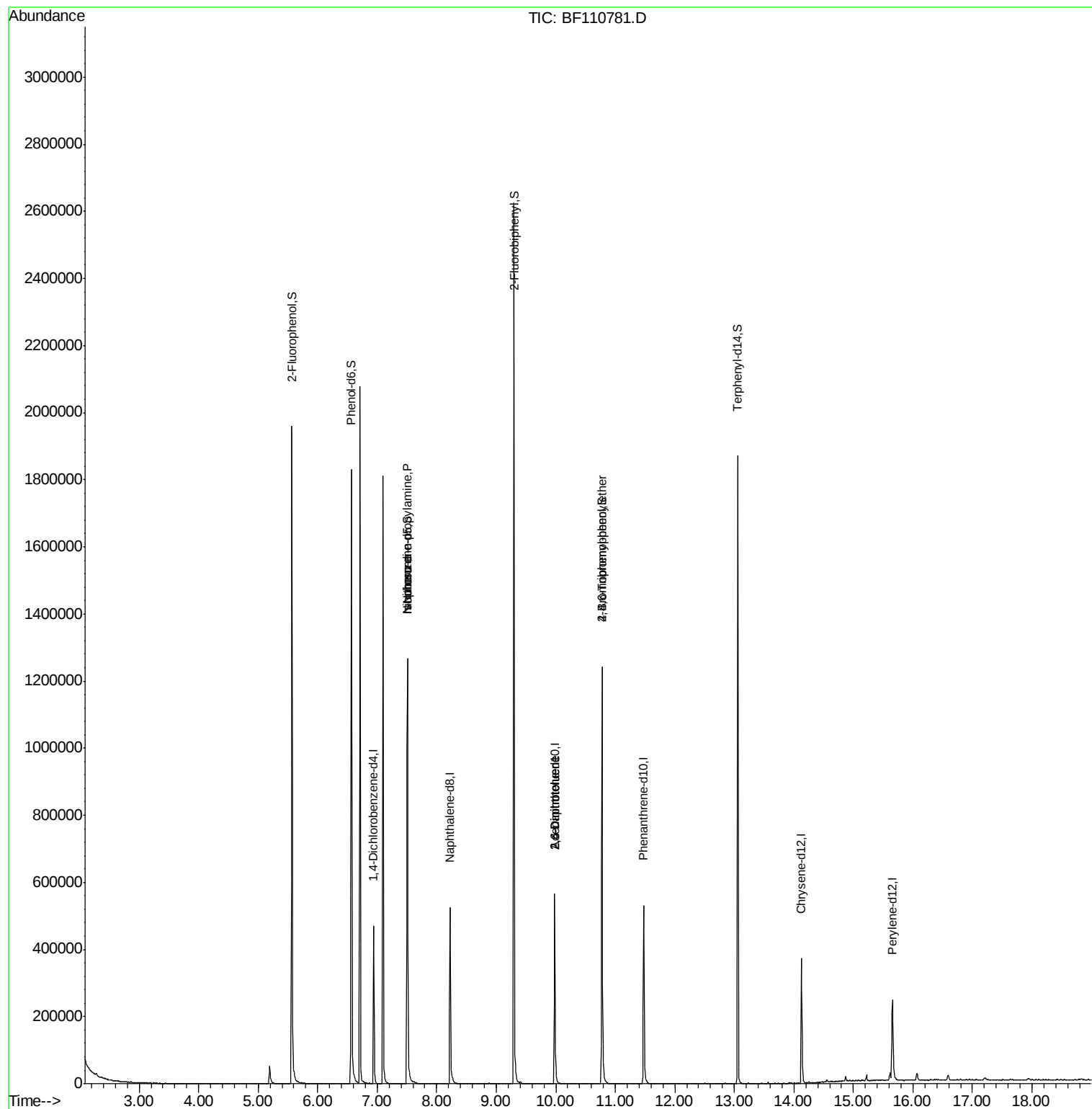
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	72473	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	293309	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	138190	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	246352	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	154806	20.00	ng	-0.01
87) Perylene-d12	15.66	264	141631	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	561115	125.76	ng	0.00
7) Phenol-d6	6.57	99	707577	124.02	ng	0.00
23) Nitrobenzene-d5	7.51	82	442415	86.87	ng	0.00
42) 2,4,6-Tribromophenol	10.77	330	158168	113.59	ng	-0.01
45) 2-Fluorobiphenyl	9.30	172	852670	88.12	ng	0.00
79) Terphenyl-d14	13.06	244	688562	83.30	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	801	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.51	70	60346	16.569 ng	#	79
25) Isophorone	7.51	82	442412	52.999 ng	#	67
51) 2,6-Dinitrotoluene	9.98	165	16910	7.455 ng	#	21
57) 2,4-Dinitrotoluene	9.98	165	16910	5.734 ng	#	17
67) 4-Bromophenyl-phenylether	10.77	248	9990	3.669 ng	#	1

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

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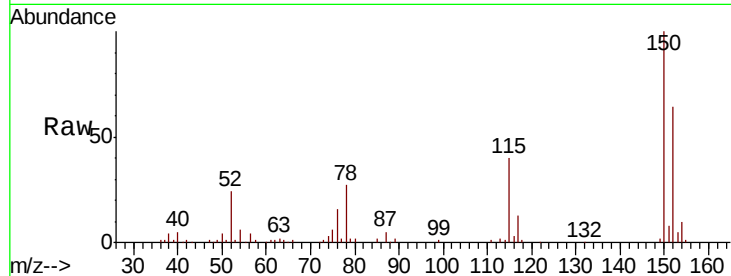


#1

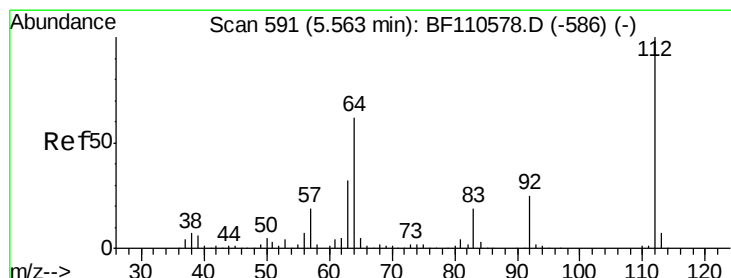
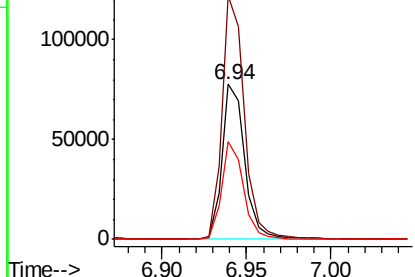
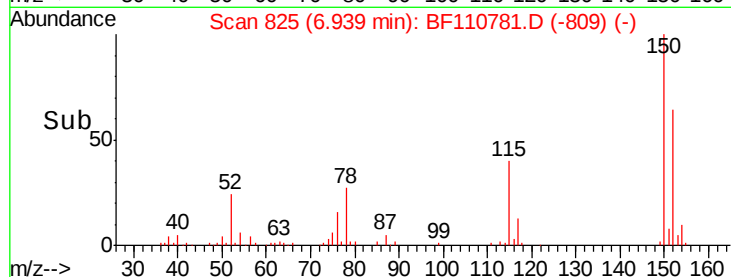
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110781.D
 Acq: 14 Nov 2018 22:56

Instrument :
 BNA_F
 ClientSampleId :
 PB114818BL

Tgt Ion:152 Resp: 72473
 Ion Ratio Lower Upper
 152 100
 150 157.3 122.7 184.1
 115 62.8 49.1 73.7



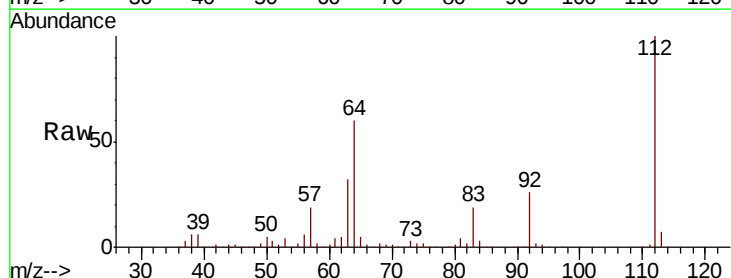
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



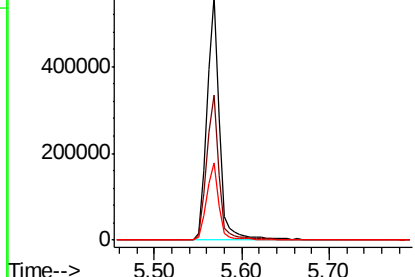
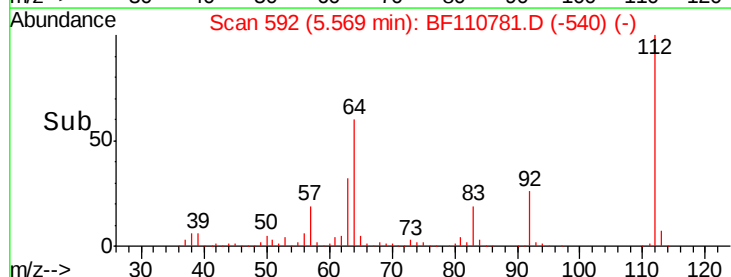
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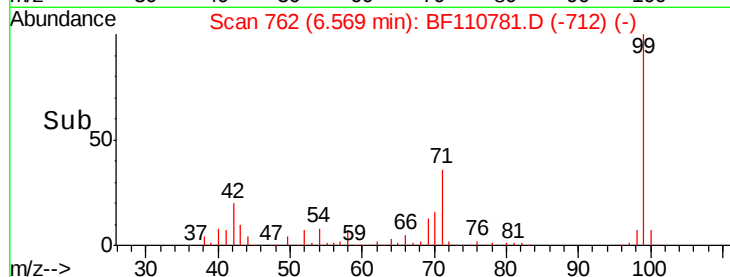
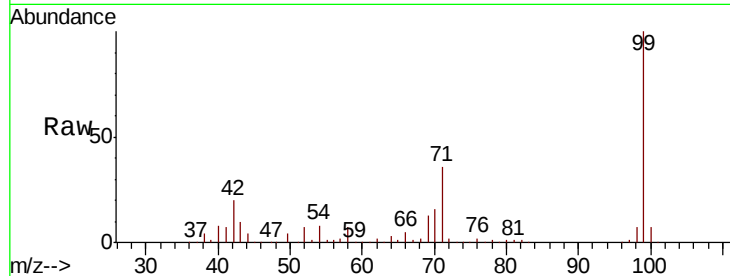
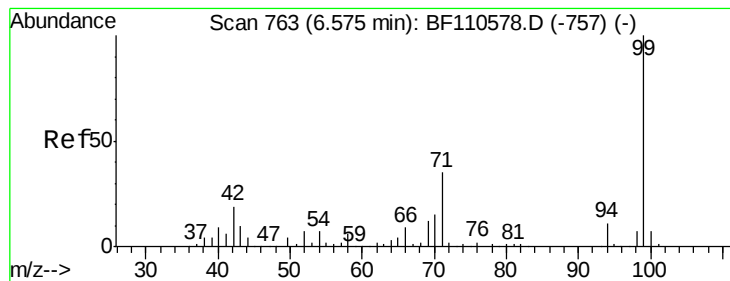
2-Fluorophenol
 Concen: 125.761 ng
 RT: 5.57 min Scan# 592
 Delta R.T. 0.01 min
 Lab File: BF110781.D
 Acq: 14 Nov 2018 22:56

Tgt Ion:112 Resp: 561115
 Ion Ratio Lower Upper
 112 100
 64 59.7 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: 124.016 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110781.D

Acq: 14 Nov 2018 22:56

Instrument :

BNA_F

ClientSampleId :

PB114818BL

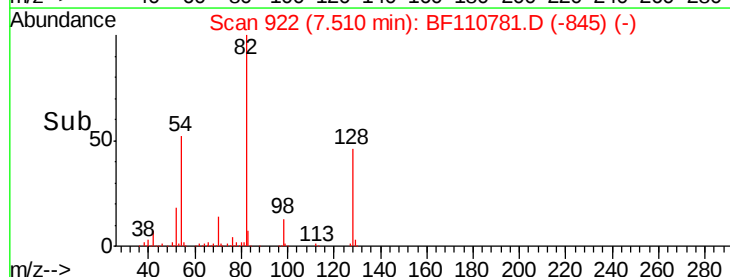
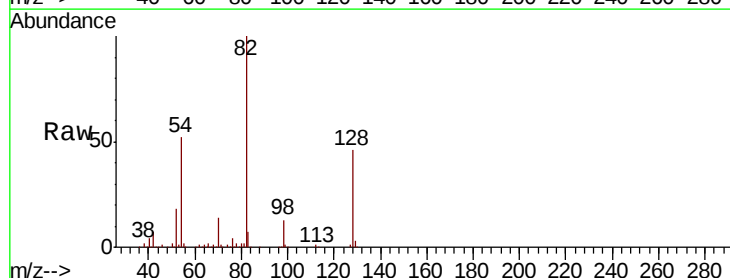
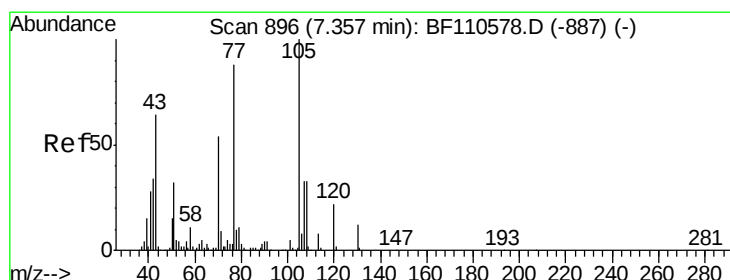
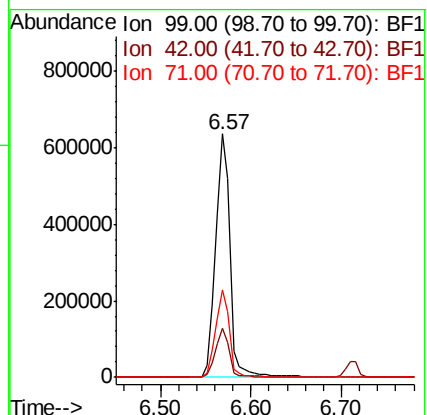
Tgt Ion: 99 Resp: 707577

Ion Ratio Lower Upper

99 100

42 20.0 15.8 23.6

71 35.9 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 16.569 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110781.D

Acq: 14 Nov 2018 22:56

Tgt Ion: 70 Resp: 60346

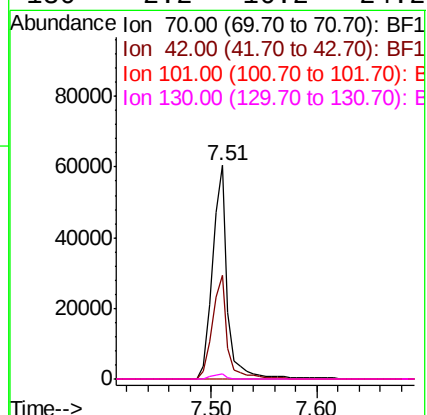
Ion Ratio Lower Upper

70 100

42 48.7 47.4 71.2

101 0.0 7.3 10.9#

130 2.2 16.2 24.2#

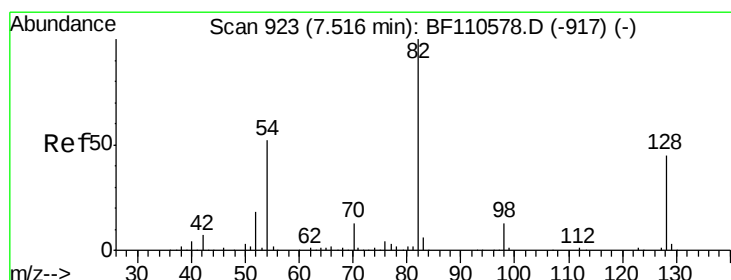
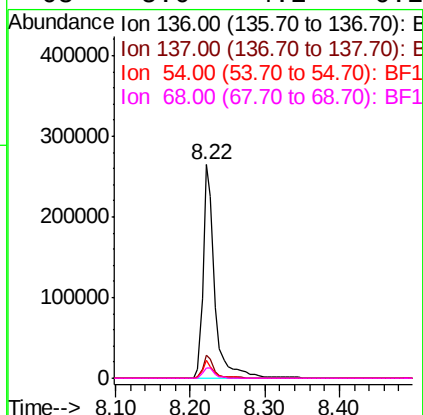
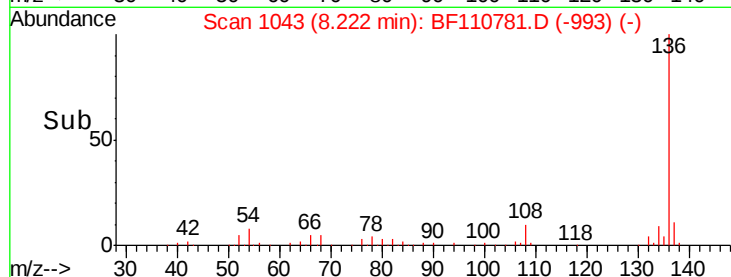
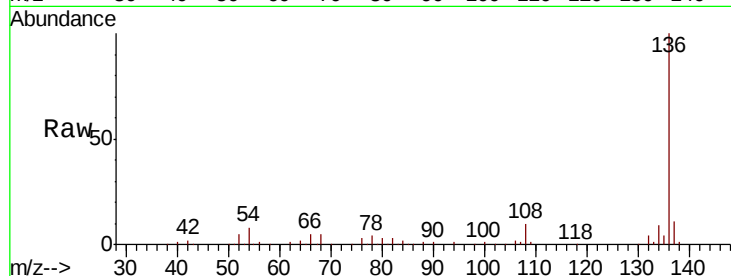




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110781.D
Acq: 14 Nov 2018 22:56

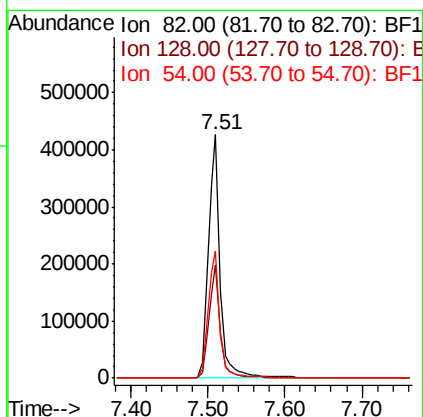
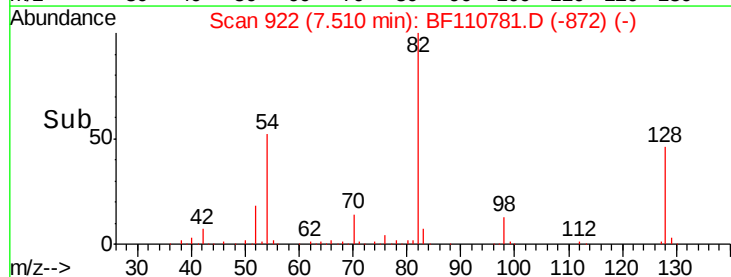
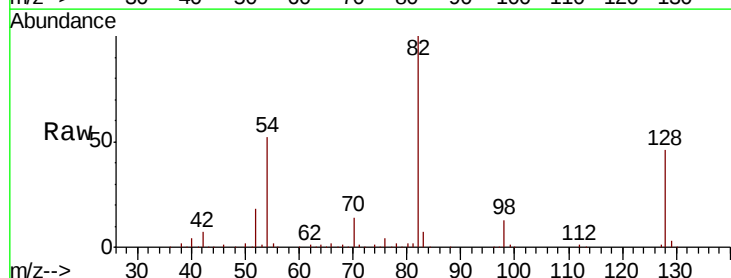
Instrument :
BNA_F
ClientSampleId :
PB114818BL

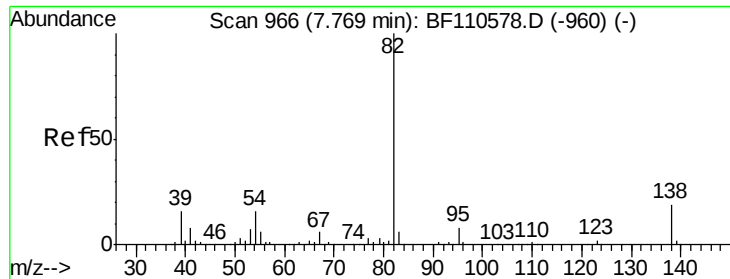
Tgt Ion:	136	Resp:	293309
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	8.4	5.4	8.2#
68	5.0	4.2	6.2



#23
Nitrobenzene-d5
Concen: 86.866 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110781.D
Acq: 14 Nov 2018 22:56

Tgt Ion:	82	Resp:	442415
Ion	Ratio	Lower	Upper
82	100		
128	46.2	34.2	51.2
54	52.3	38.6	58.0

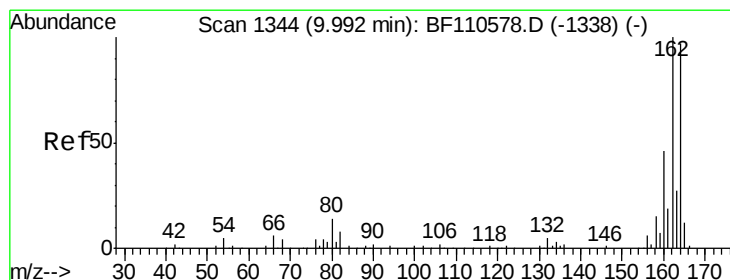
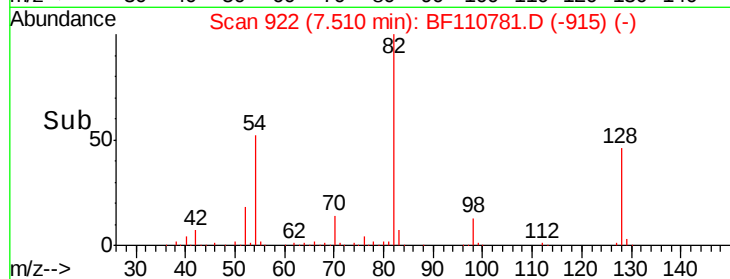
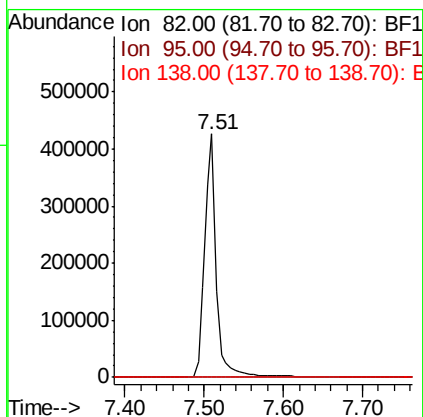
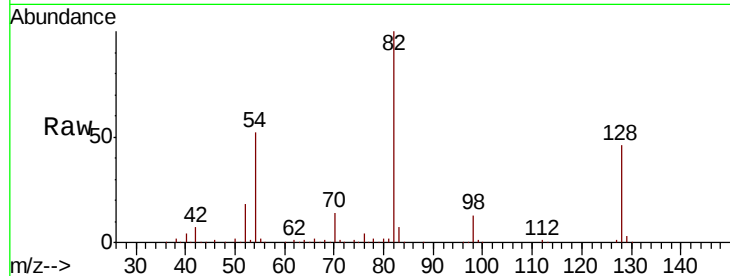




#25
Isophorone
Concen: 52.999 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.26 min
Lab File: BF110781.D
Acq: 14 Nov 2018 22:56

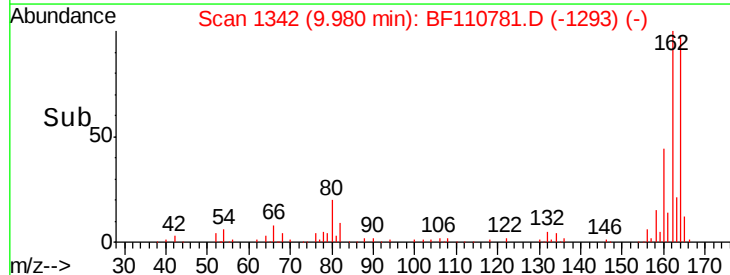
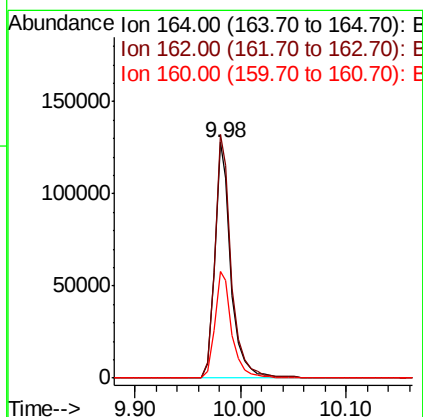
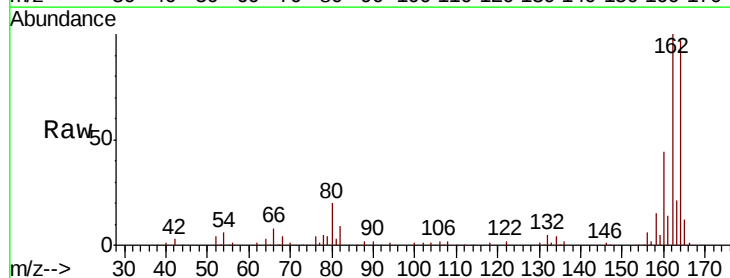
Instrument :
BNA_F
ClientSampleId :
PB114818BL

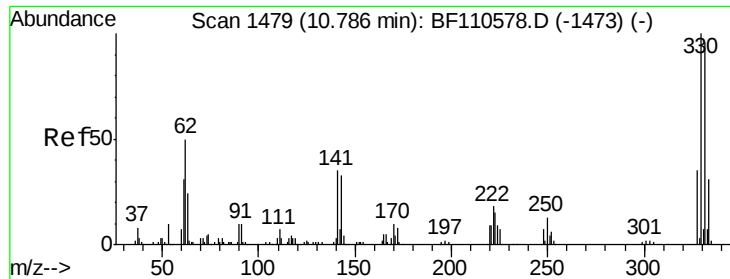
Tgt Ion: 82 Resp: 442412
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110781.D
Acq: 14 Nov 2018 22:56

Tgt Ion: 164 Resp: 138190
Ion Ratio Lower Upper
164 100
162 103.2 83.0 124.6
160 45.0 37.0 55.6

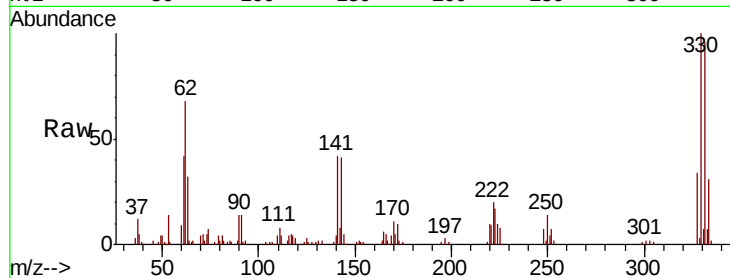




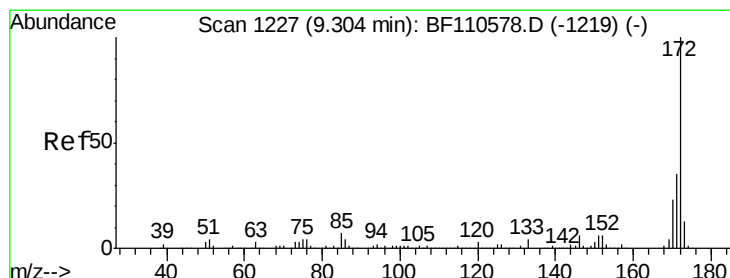
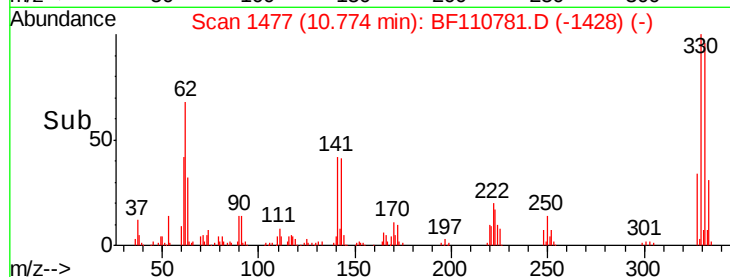
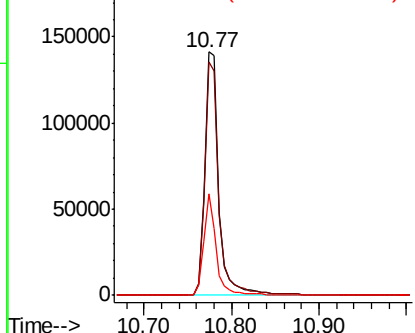
#42
 2,4,6-Tribromophenol
 Concen: 113.591 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF110781.D
 Acq: 14 Nov 2018 22:56

Instrument :
 BNA_F
 ClientSampleId :
 PB114818BL

Tgt Ion:330 Resp: 158168
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.1 115.7
 141 36.7 27.0 40.4

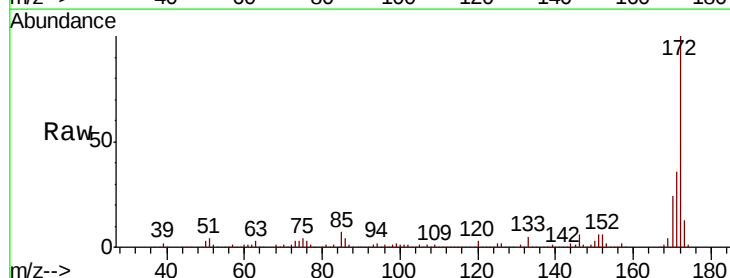


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

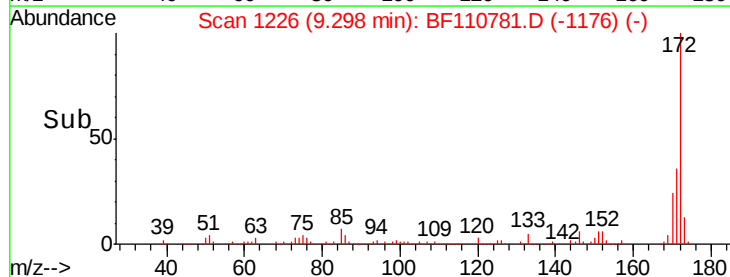
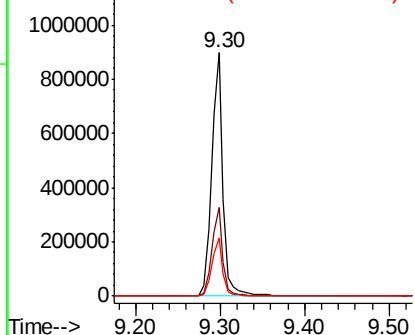


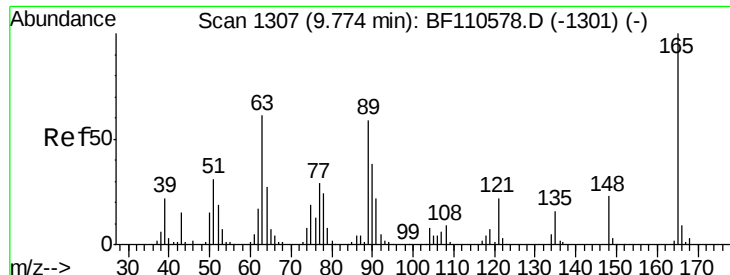
#45
 2-Fluorobiphenyl
 Concen: 88.123 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110781.D
 Acq: 14 Nov 2018 22:56

Tgt Ion:172 Resp: 852670
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 23.8 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

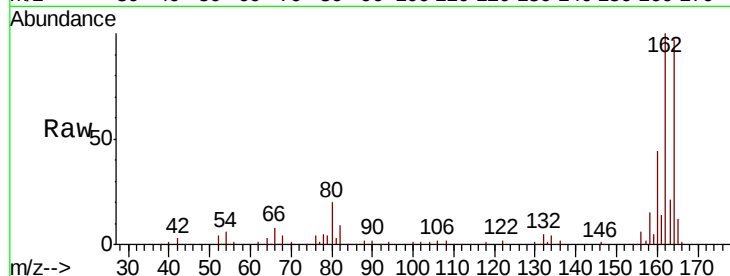




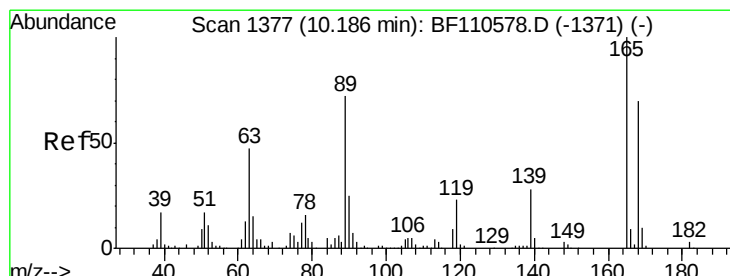
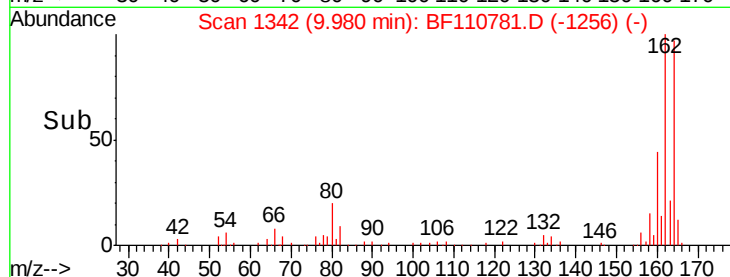
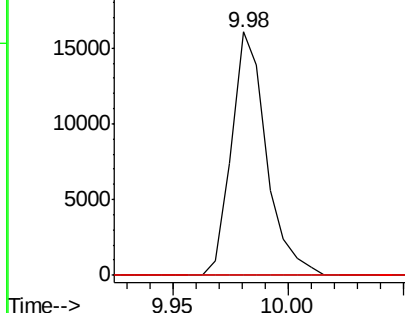
#51
 2,6-Dinitrotoluene
 Concen: 7.455 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110781.D
 Acq: 14 Nov 2018 22:56

Instrument :
 BNA_F
 ClientSampleId :
 PB114818BL

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



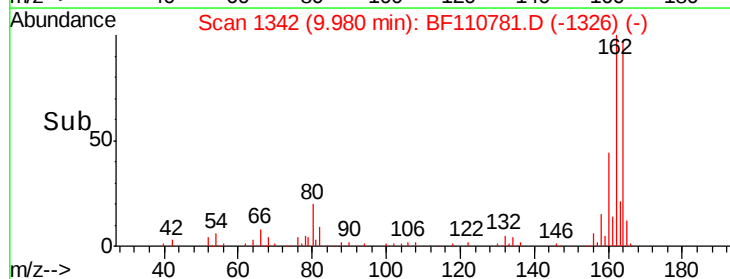
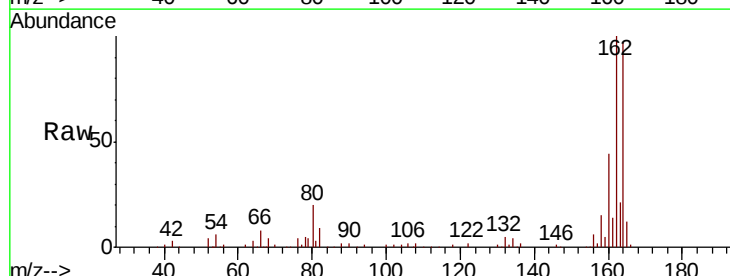
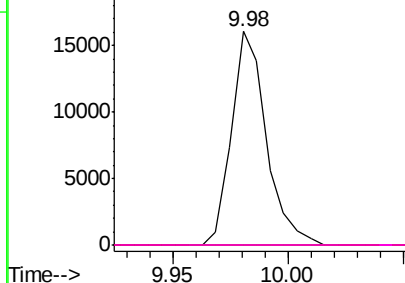
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

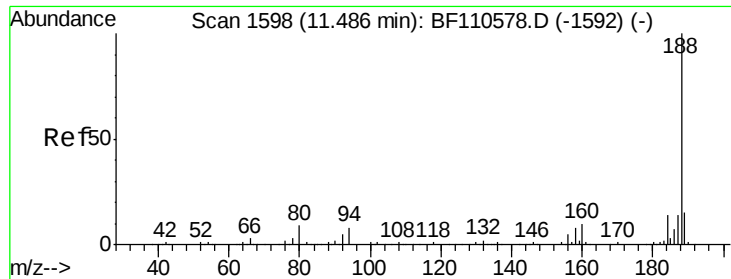


#57
 2,4-Dinitrotoluene
 Concen: 5.734 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110781.D
 Acq: 14 Nov 2018 22:56

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

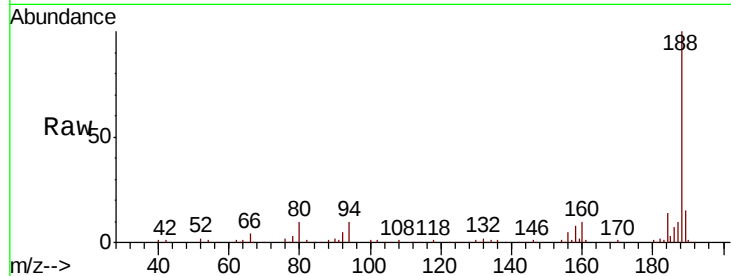




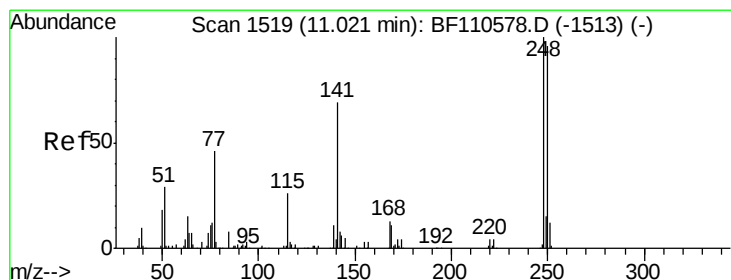
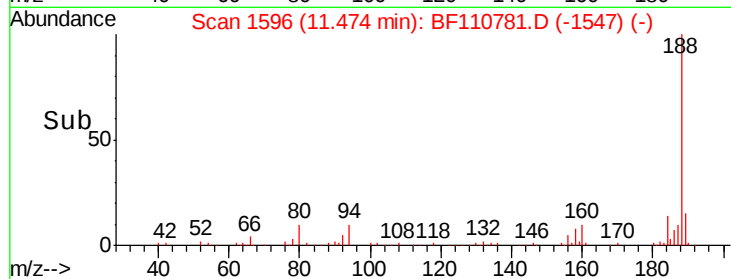
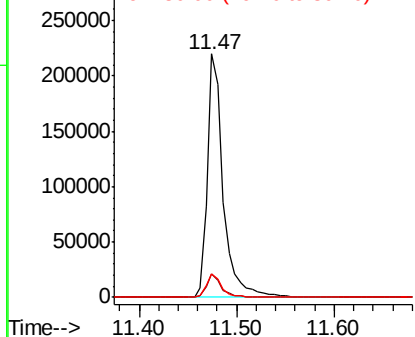
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110781.D
Acq: 14 Nov 2018 22:56

Instrument :
BNA_F
ClientSampleId :
PB114818BL

Tgt Ion:188 Resp: 246352
Ion Ratio Lower Upper
188 100
94 9.5 7.2 10.8
80 9.8 7.9 11.9

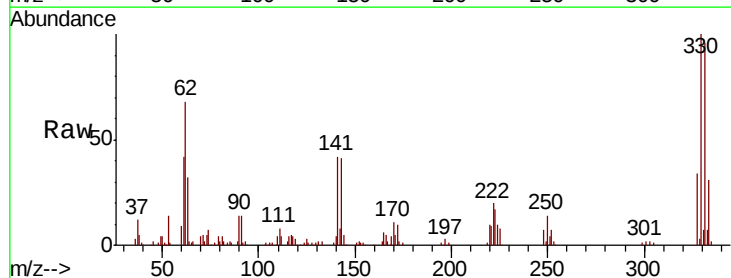


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

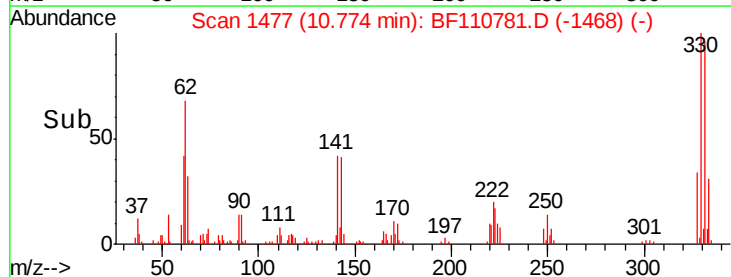
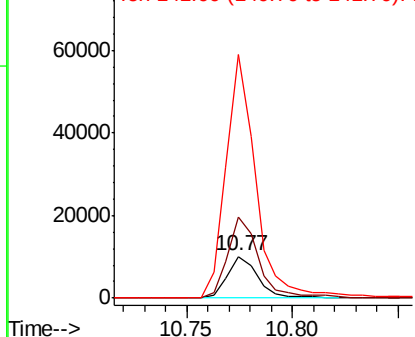


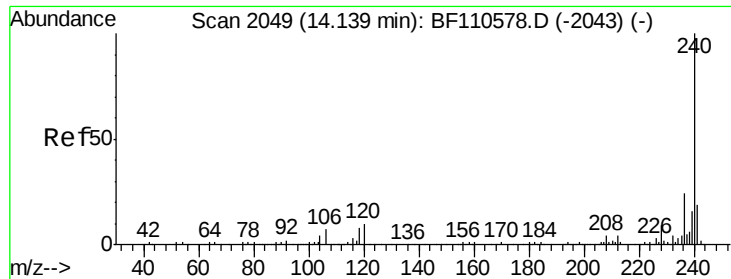
#67
4-Bromophenyl-phenylether
Concen: 3.669 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110781.D
Acq: 14 Nov 2018 22:56

Tgt Ion:248 Resp: 9990
Ion Ratio Lower Upper
248 100
250 194.5 79.4 119.2#
141 587.2 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

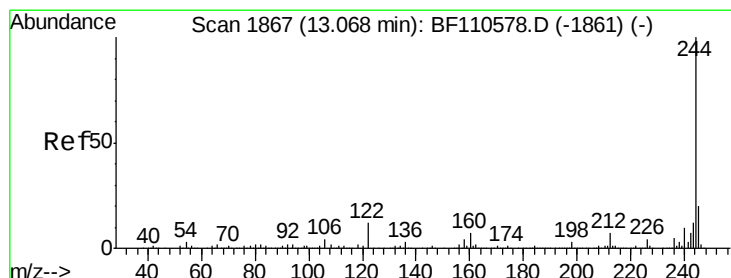
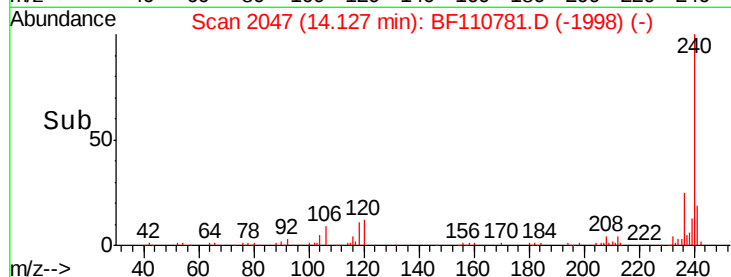
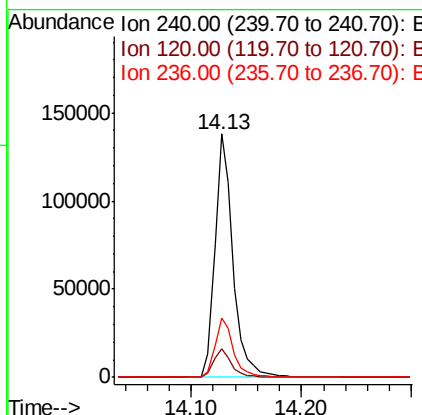
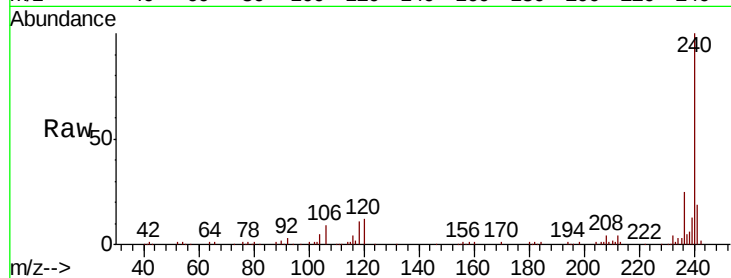




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110781.D
Acq: 14 Nov 2018 22:56

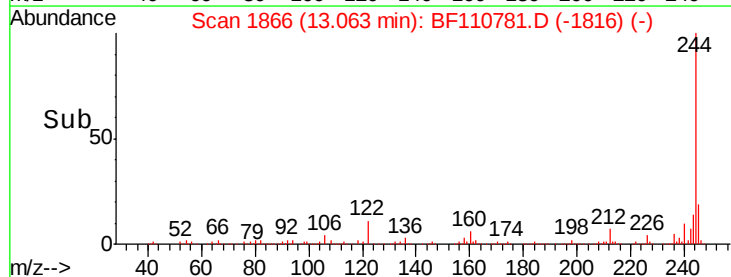
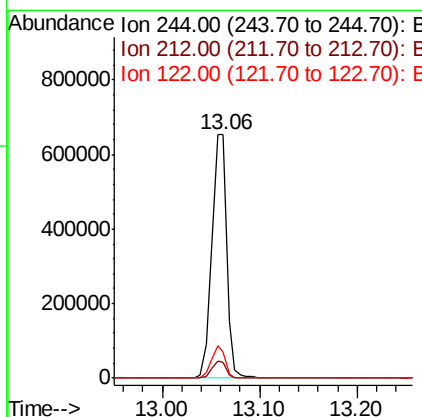
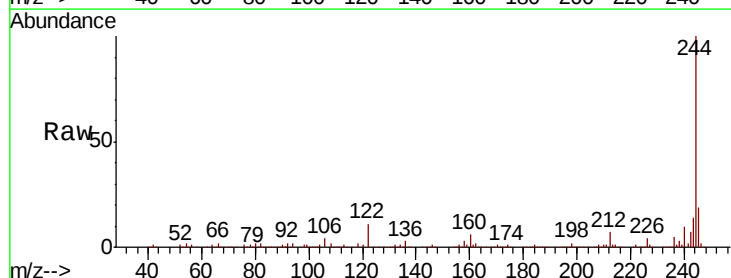
Instrument :
BNA_F
ClientSampleId :
PB114818BL

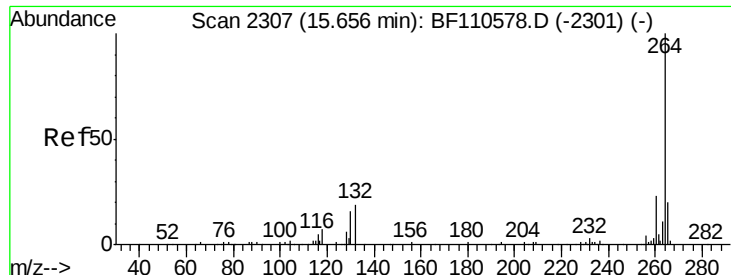
Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.0	8.3	12.5
236	24.6	21.2	31.8



#79
Terphenyl-d14
Concen: 83.299 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110781.D
Acq: 14 Nov 2018 22:56

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.8	8.8
122	10.5	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: BF110781.D
Acq: 14 Nov 2018 22:56

Instrument :
BNA_F
ClientSampleId :
PB114818BL

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	22.4	16.7	25.1

