

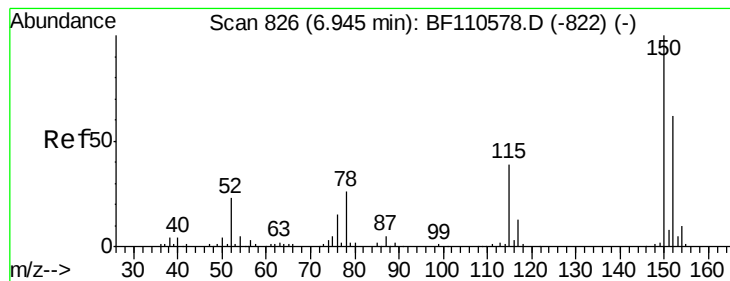
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
 Data File : BF110673.D
 Acq On : 12 Nov 2018 14:41
 Operator : JU/SJ
 Sample : J5888-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 12 16:24:19 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	73976	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	304175	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	145672	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	272118	20.00	ng	0.00
76) Chrysene-d12	14.13	240	168463	20.00	ng	-0.01
87) Perylene-d12	15.66	264	148784	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	330807	72.64	ng	0.00
7) Phenol-d6	6.57	99	429662	73.78	ng	0.00
23) Nitrobenzene-d5	7.50	82	276641	52.38	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	70427	47.98	ng	-0.01
45) 2-Fluorobiphenyl	9.30	172	556582	54.57	ng	0.00
79) Terphenyl-d14	13.06	244	523472	58.19	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	551	Below Cal	Qvalue	# 1
10) Phenol	6.58	94	13863	2.053 ng	#	71
19) n-Nitroso-di-n-propylamine	7.51	70	35964	9.674 ng	#	77
25) Isophorone	7.50	82	276637	31.956 ng	#	67
50) Dimethylphthalate	9.69	163	34722	3.194 ng		100
51) 2,6-Dinitrotoluene	9.99	165	18204	7.613 ng	#	22
57) 2,4-Dinitrotoluene	9.99	165	18204	5.855 ng	#	18

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

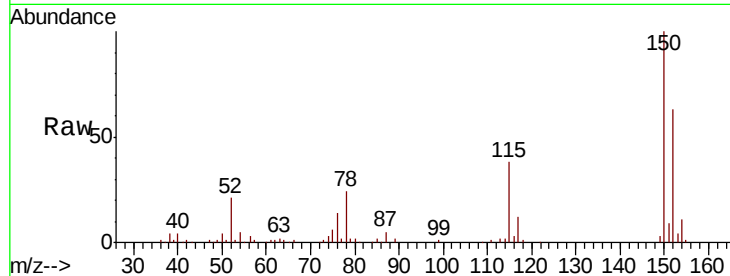


#1

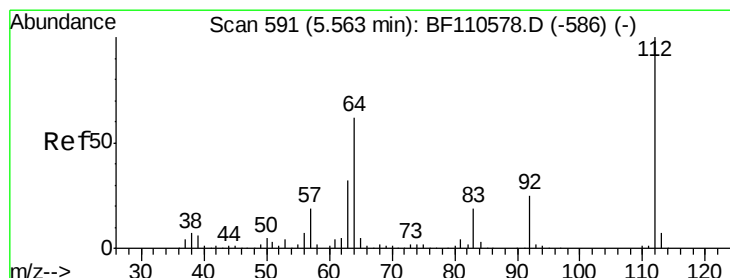
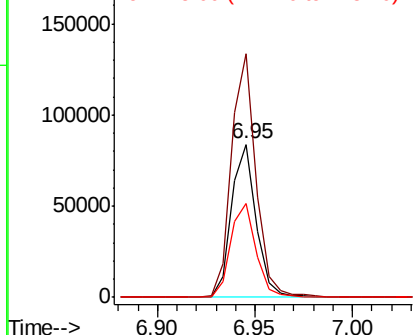
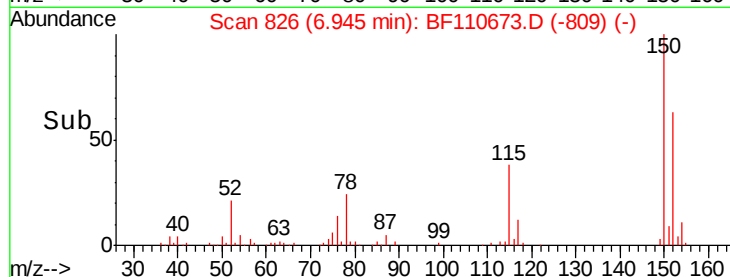
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110673.D
Acq: 12 Nov 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 73976
Ion Ratio Lower Upper
152 100
150 158.7 122.7 184.1
115 61.0 49.1 73.7



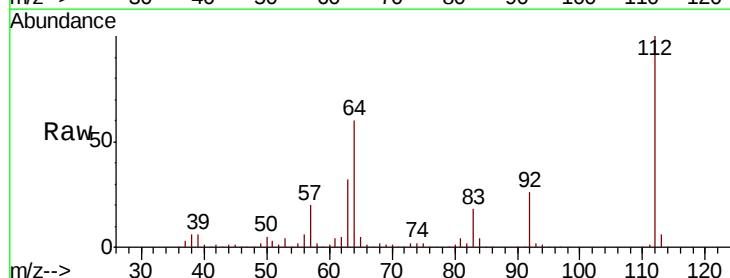
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



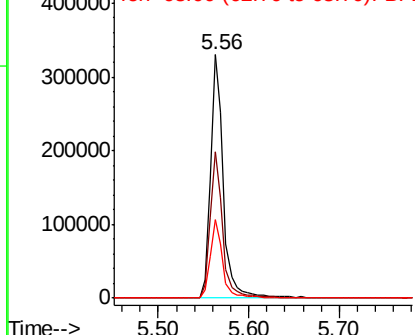
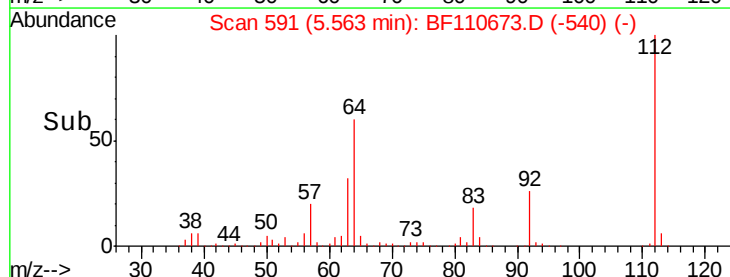
#5

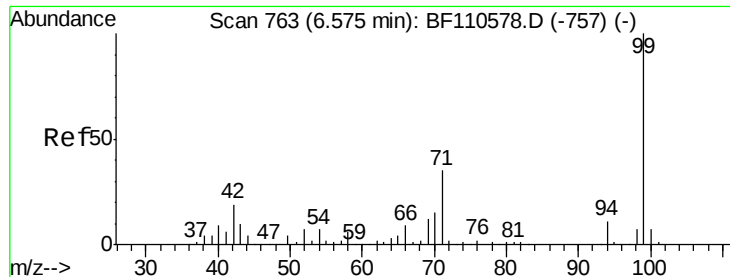
2-Fluorophenol
Concen: 72.636 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110673.D
Acq: 12 Nov 2018 14:41

Tgt Ion:112 Resp: 330807
Ion Ratio Lower Upper
112 100
64 59.9 44.1 66.1
63 32.4 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: 73.776 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110673.D

Acq: 12 Nov 2018 14:41

Instrument :

BNA_F

ClientSampleId :

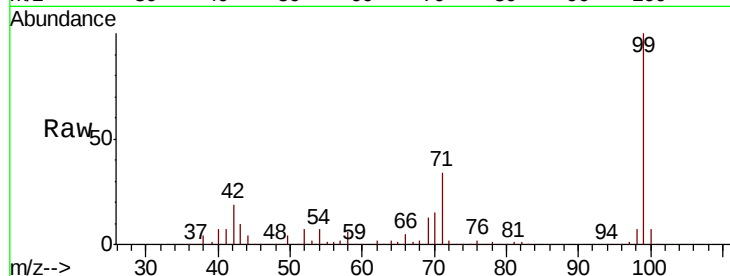
Tot Ion: 99 Resp: 429662

Ion Ratio Lower Upper

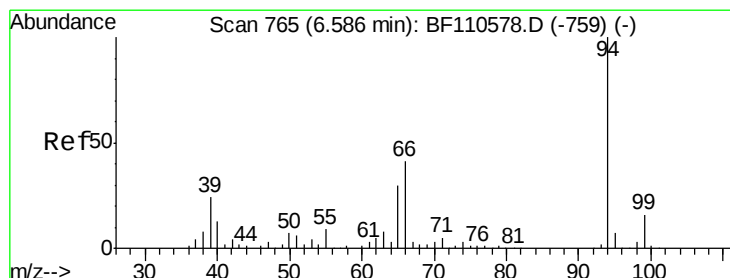
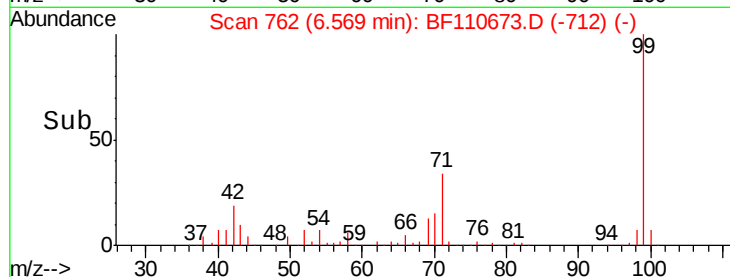
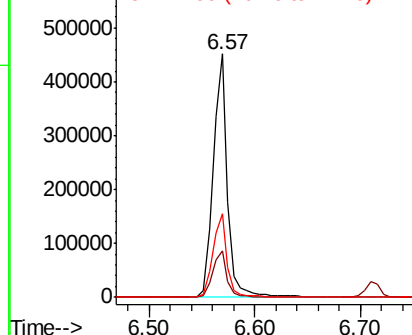
99 100

42 18.9 15.8 23.6

71 34.3 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



#10

Phenol

Concen: 2.053 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110673.D

Acq: 12 Nov 2018 14:41

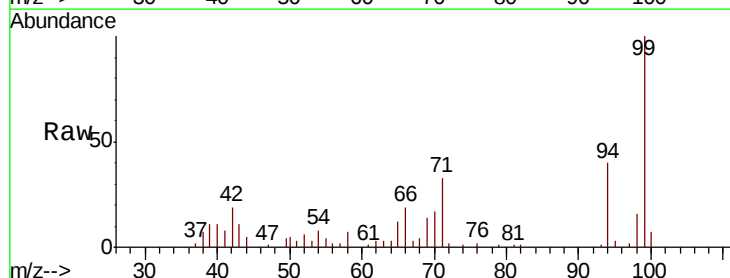
Tgt Ion: 94 Resp: 13863

Ion Ratio Lower Upper

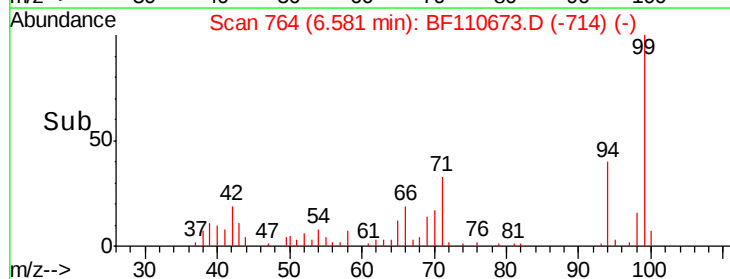
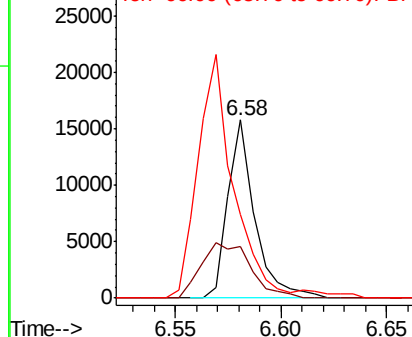
94 100

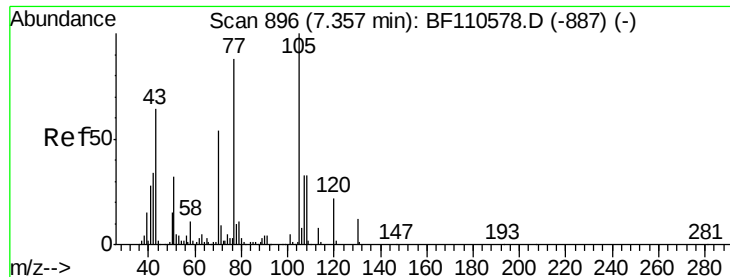
65 29.0 25.3 65.3

66 47.3 54.5 94.5#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#19

n-Nitroso-di-n-propylamine

Concen: 9.674 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110673.D

Acq: 12 Nov 2018 14:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 35964

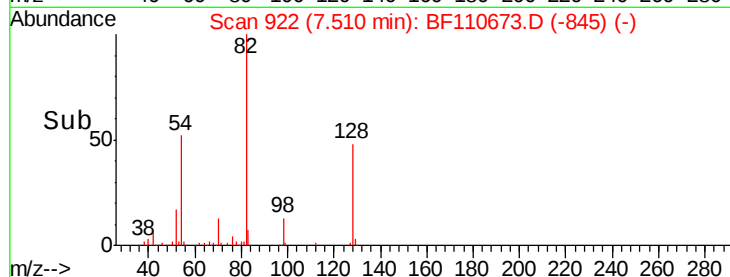
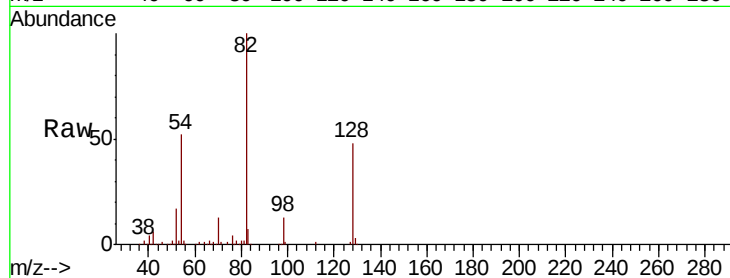
Ion Ratio Lower Upper

70 100

42 45.8 47.4 71.2#

101 0.0 7.3 10.9#

130 2.6 16.2 24.2#

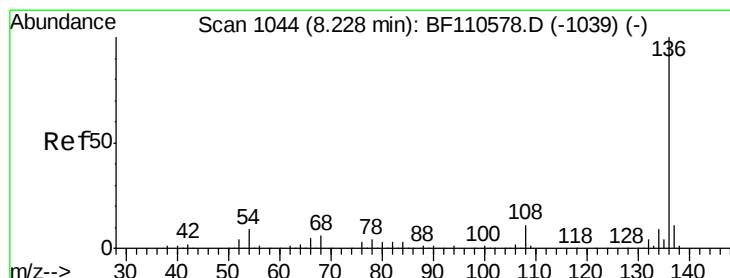
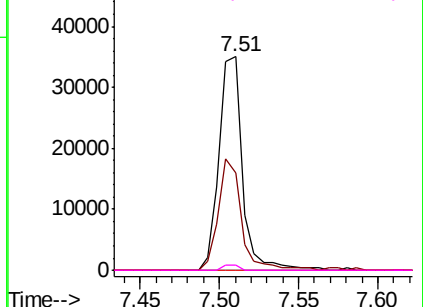


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110673.D

Acq: 12 Nov 2018 14:41

Tgt Ion: 136 Resp: 304175

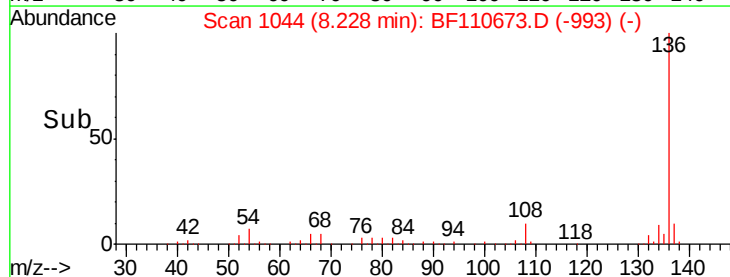
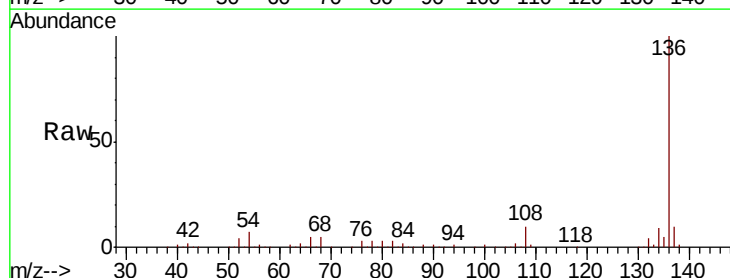
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 7.2 5.4 8.2

68 4.8 4.2 6.2

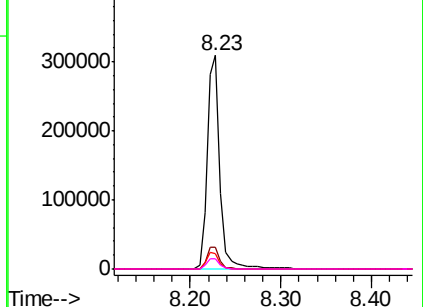


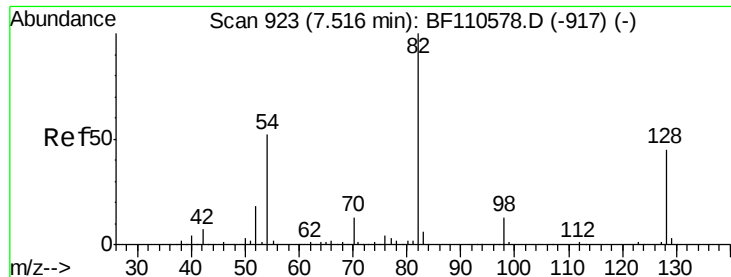
Abundance Ion 136.00 (135.70 to 136.70): BF1

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

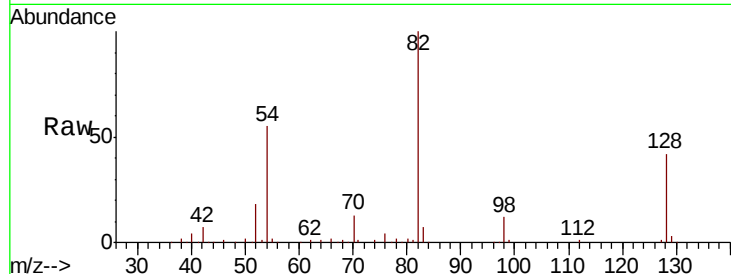




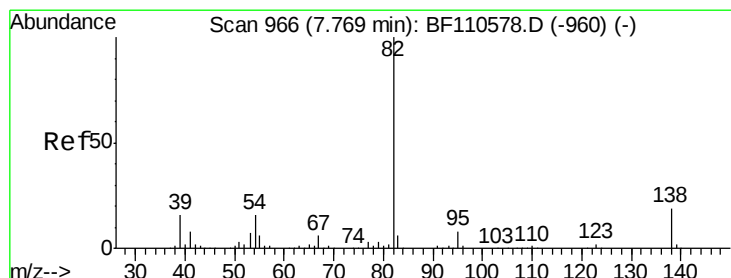
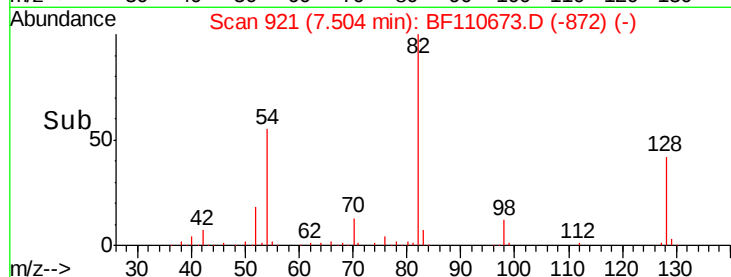
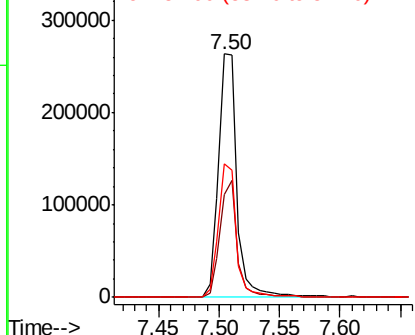
#23
Nitrobenzene-d5
Concen: 52.377 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110673.D
Acq: 12 Nov 2018 14:41

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	276641
Ion Ratio	Lower	Upper	
82	100		
128	42.2	34.2	51.2
54	54.6	38.6	58.0

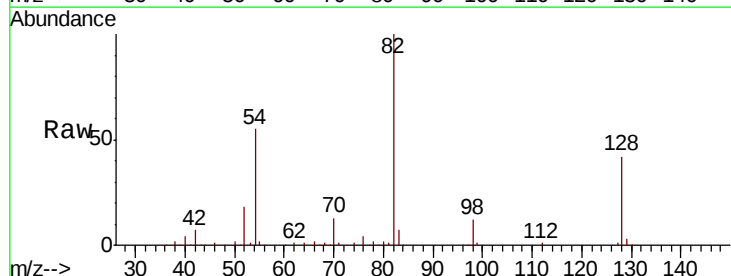


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

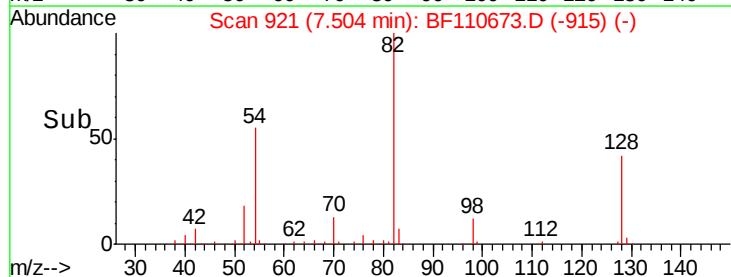
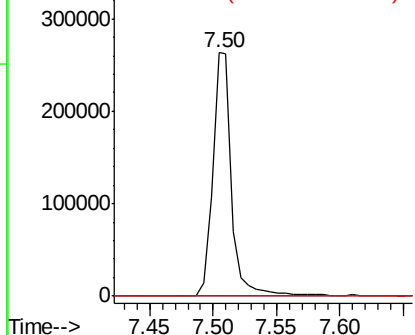


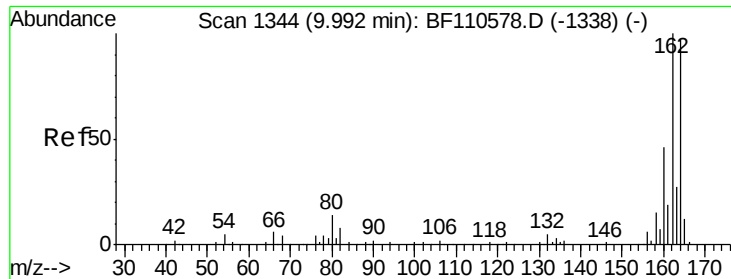
#25
Isophorone
Concen: 31.956 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110673.D
Acq: 12 Nov 2018 14:41

Tgt Ion	82	Resp	276637
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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110673.D

Acq: 12 Nov 2018 14:41

Instrument :

BNA_F

ClientSampleId :

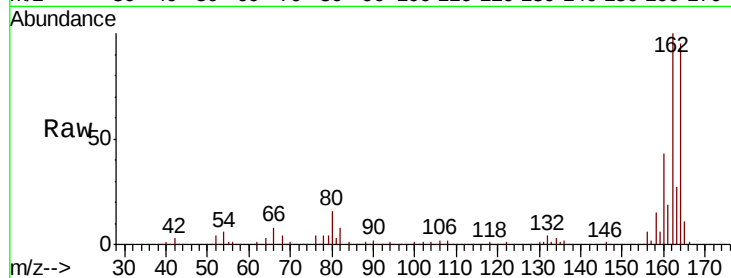
Tot Ion:164 Resp: 145672

Ion Ratio Lower Upper

164 100

162 105.8 83.0 124.6

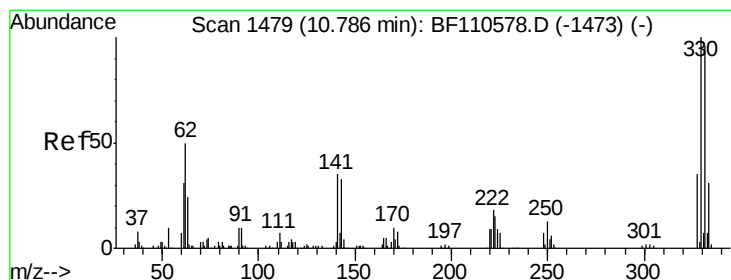
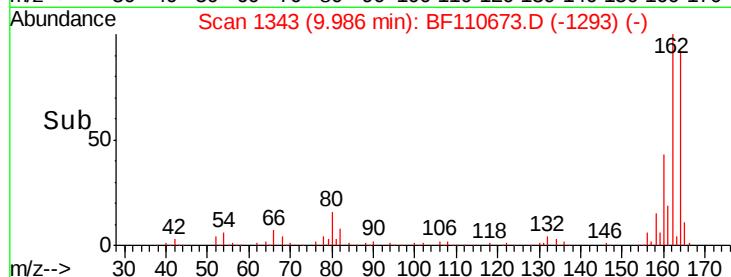
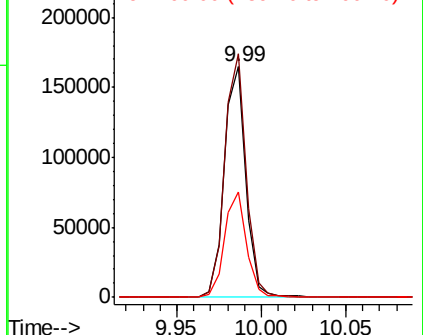
160 45.7 37.0 55.6



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: 47.980 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF110673.D

Acq: 12 Nov 2018 14:41

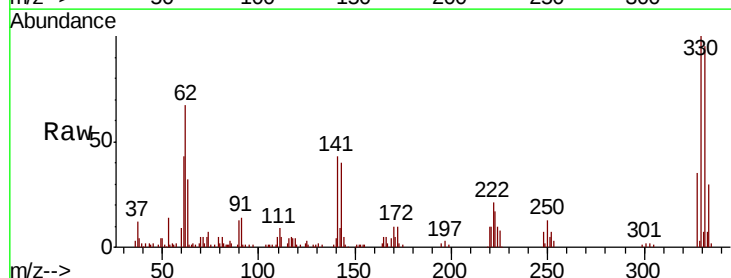
Tgt Ion:330 Resp: 70427

Ion Ratio Lower Upper

330 100

332 95.7 77.1 115.7

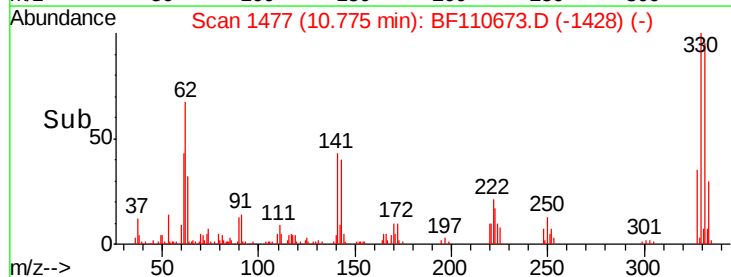
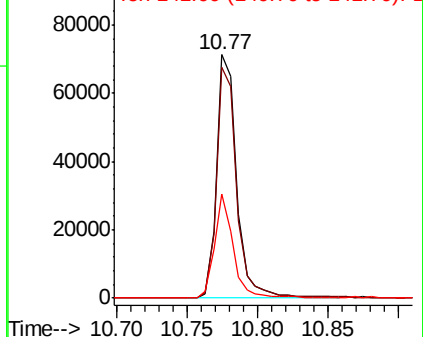
141 39.4 27.0 40.4

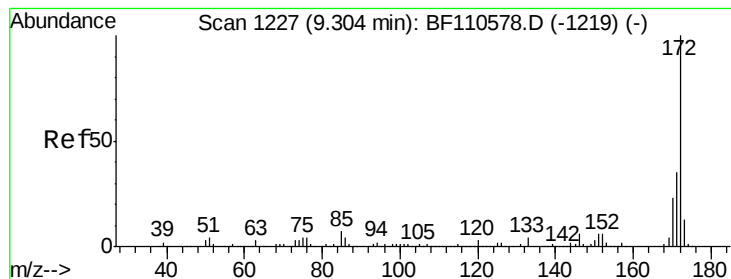


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#45

2-Fluorobiphenyl

Concen: 54.568 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110673.D

Acq: 12 Nov 2018 14:41

Instrument :

BNA_F

ClientSampleId :

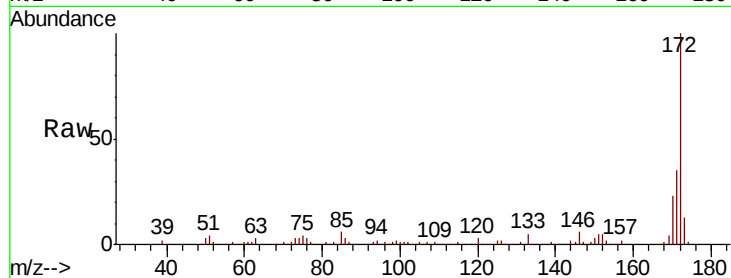
Tot Ion:172 Resp: 556582

Ion Ratio Lower Upper

172 100

171 35.2 28.6 43.0

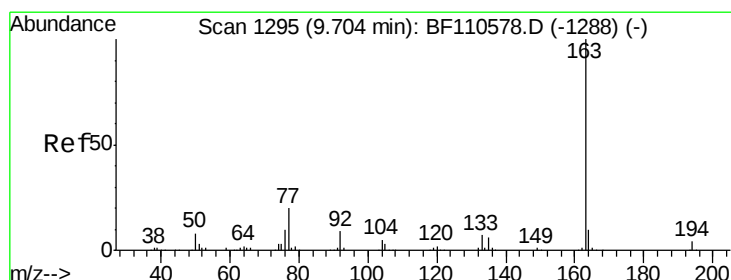
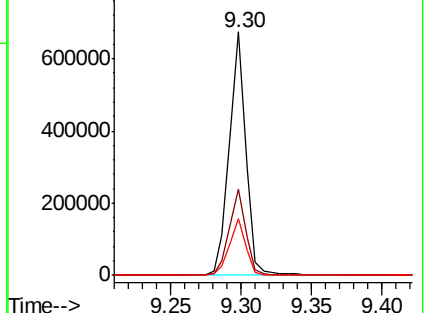
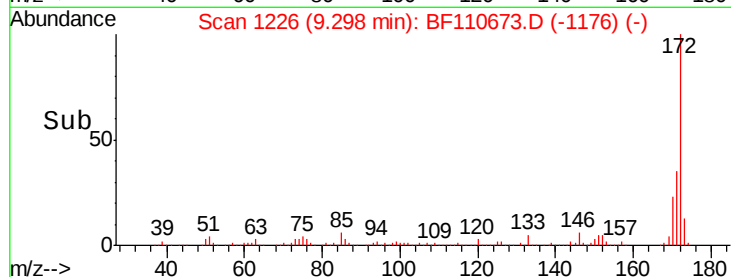
170 23.3 19.7 29.5



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: 3.194 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF110673.D

Acq: 12 Nov 2018 14:41

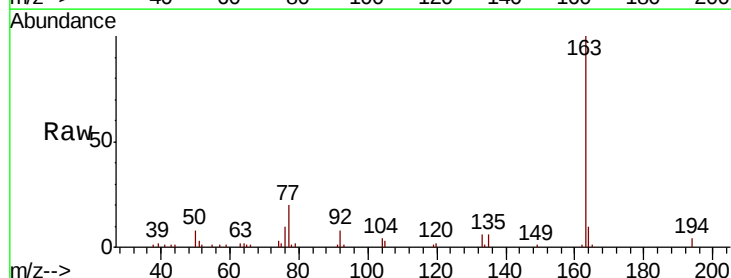
Tgt Ion:163 Resp: 34722

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

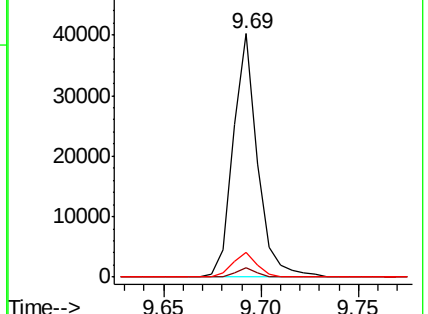
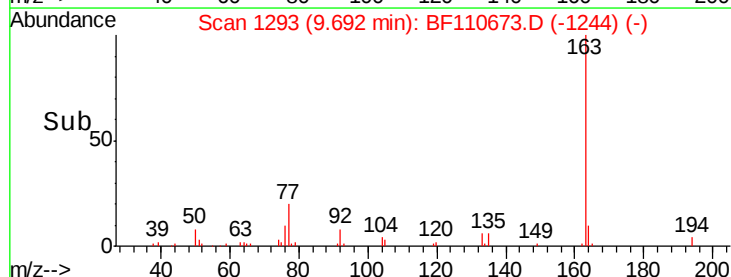
164 10.1 8.1 12.1

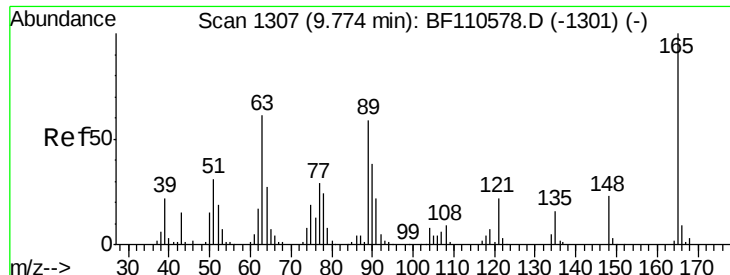


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

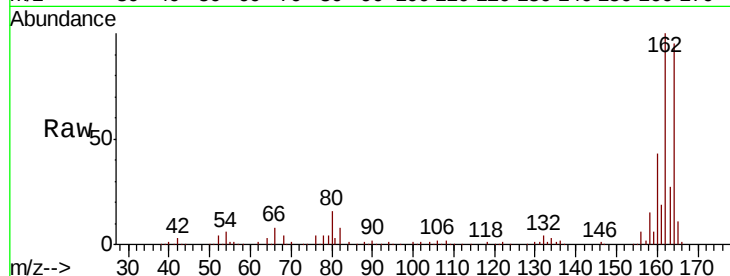




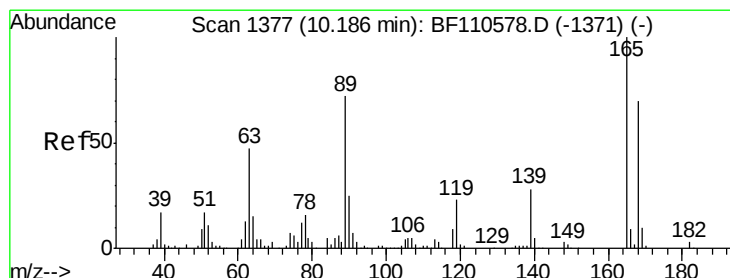
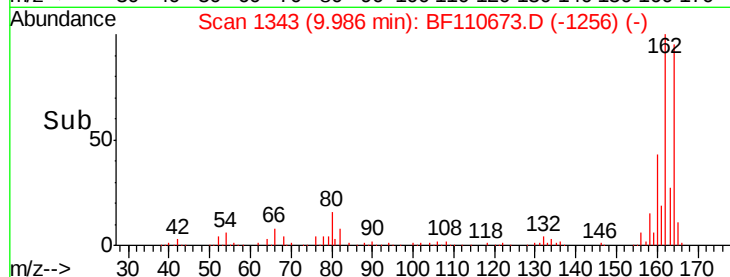
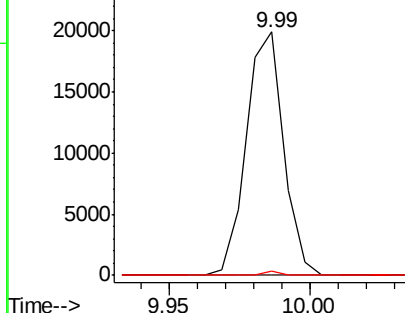
#51
 2,6-Dinitrotoluene
 Concen: 7.613 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110673.D
 Acq: 12 Nov 2018 14:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	1.8	46.6	69.8#



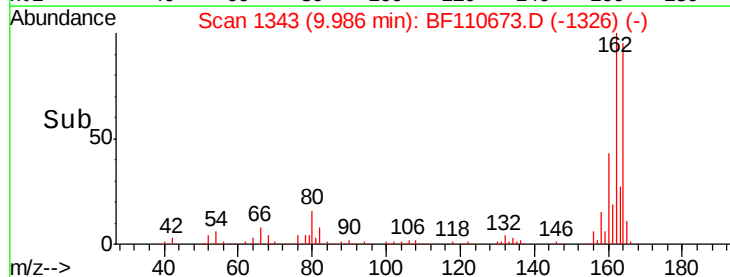
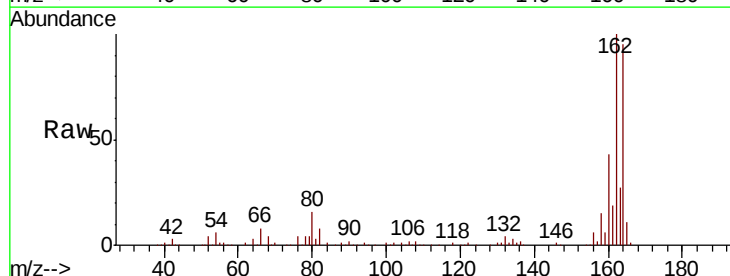
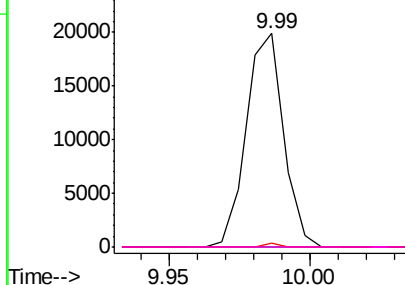
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

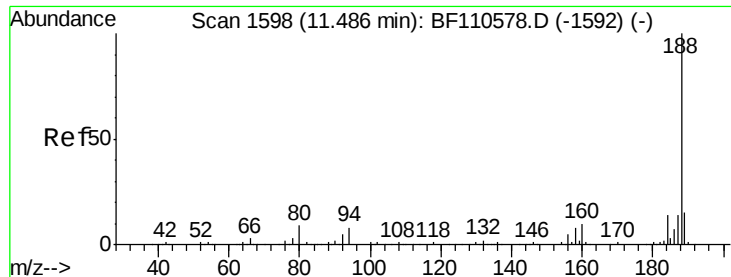


#57
 2,4-Dinitrotoluene
 Concen: 5.855 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110673.D
 Acq: 12 Nov 2018 14:41

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.8	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

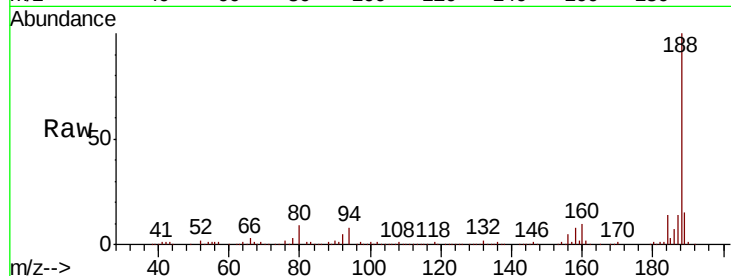




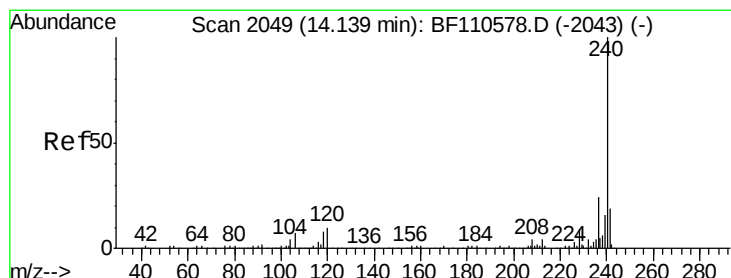
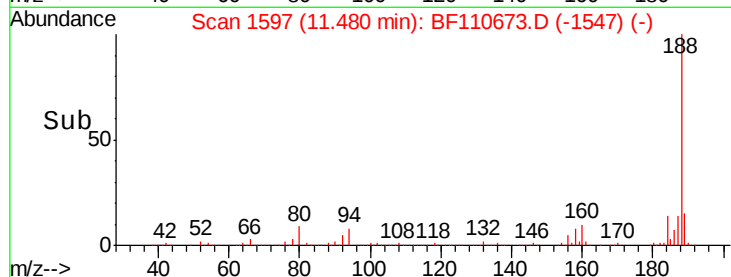
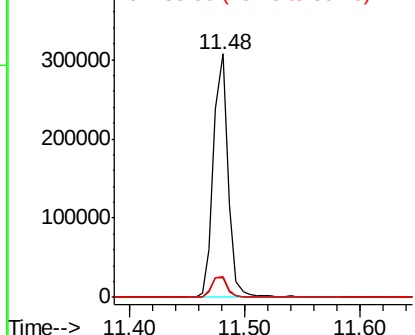
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF110673.D
Acq: 12 Nov 2018 14:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 272118
Ion Ratio Lower Upper
188 100
94 8.2 7.2 10.8
80 8.5 7.9 11.9

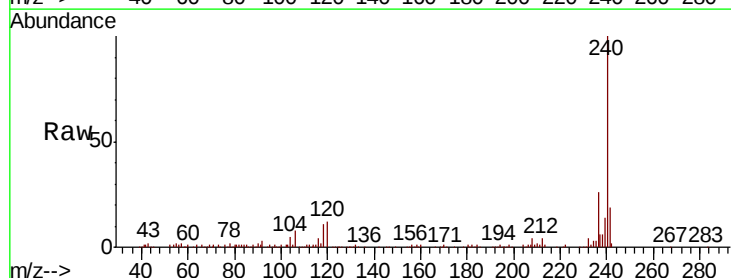


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

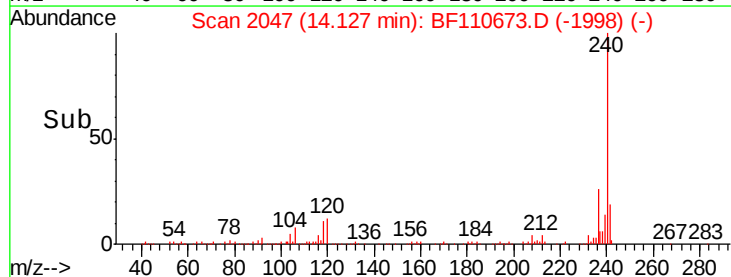
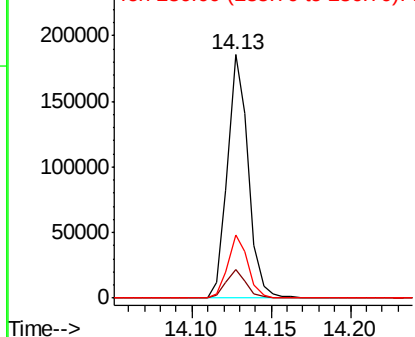


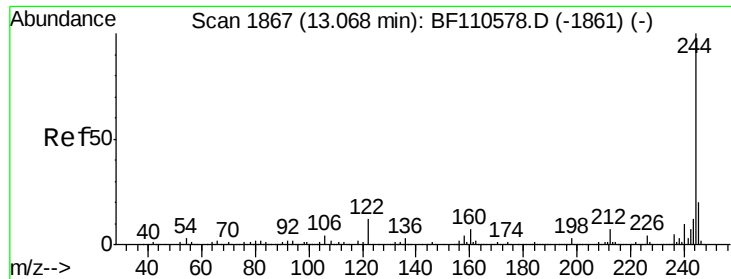
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110673.D
Acq: 12 Nov 2018 14:41

Tgt Ion:240 Resp: 168463
Ion Ratio Lower Upper
240 100
120 11.7 8.3 12.5
236 25.8 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

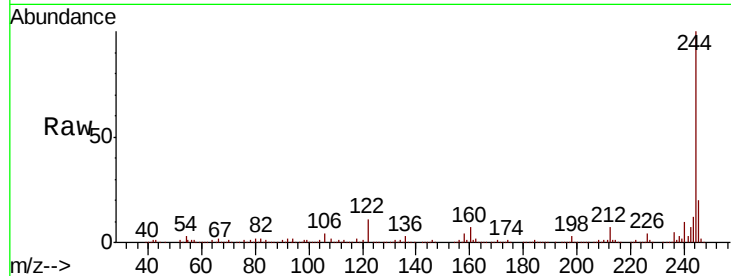




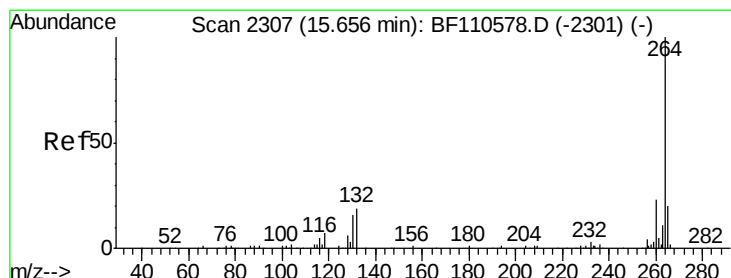
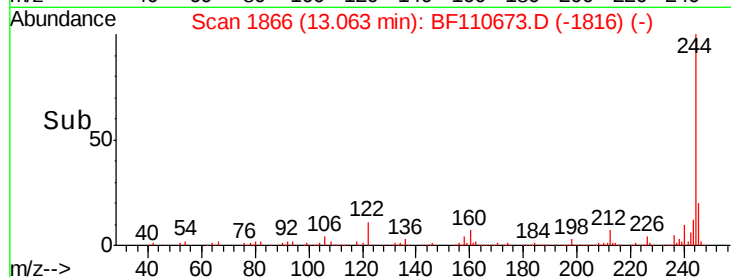
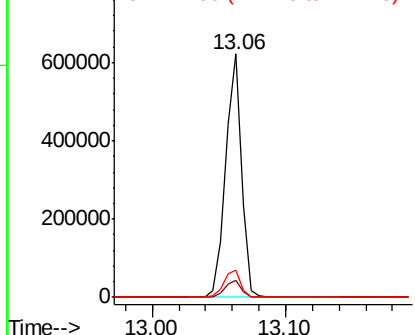
#79
 Terphenyl-d14
 Concen: 58.193 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110673.D
 Acq: 12 Nov 2018 14:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 523472
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 11.1 8.7 13.1

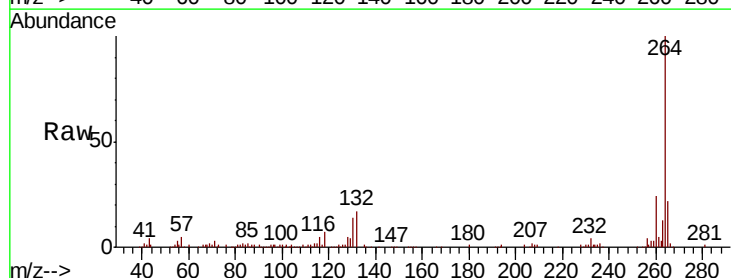


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110673.D
 Acq: 12 Nov 2018 14:41

Tgt Ion:264 Resp: 148784
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 21.7 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

