

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111918\
 Data File : BF110843.D
 Acq On : 19 Nov 2018 10:50
 Operator : JU/SJ
 Sample : J5762-05
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 19 11:23:29 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

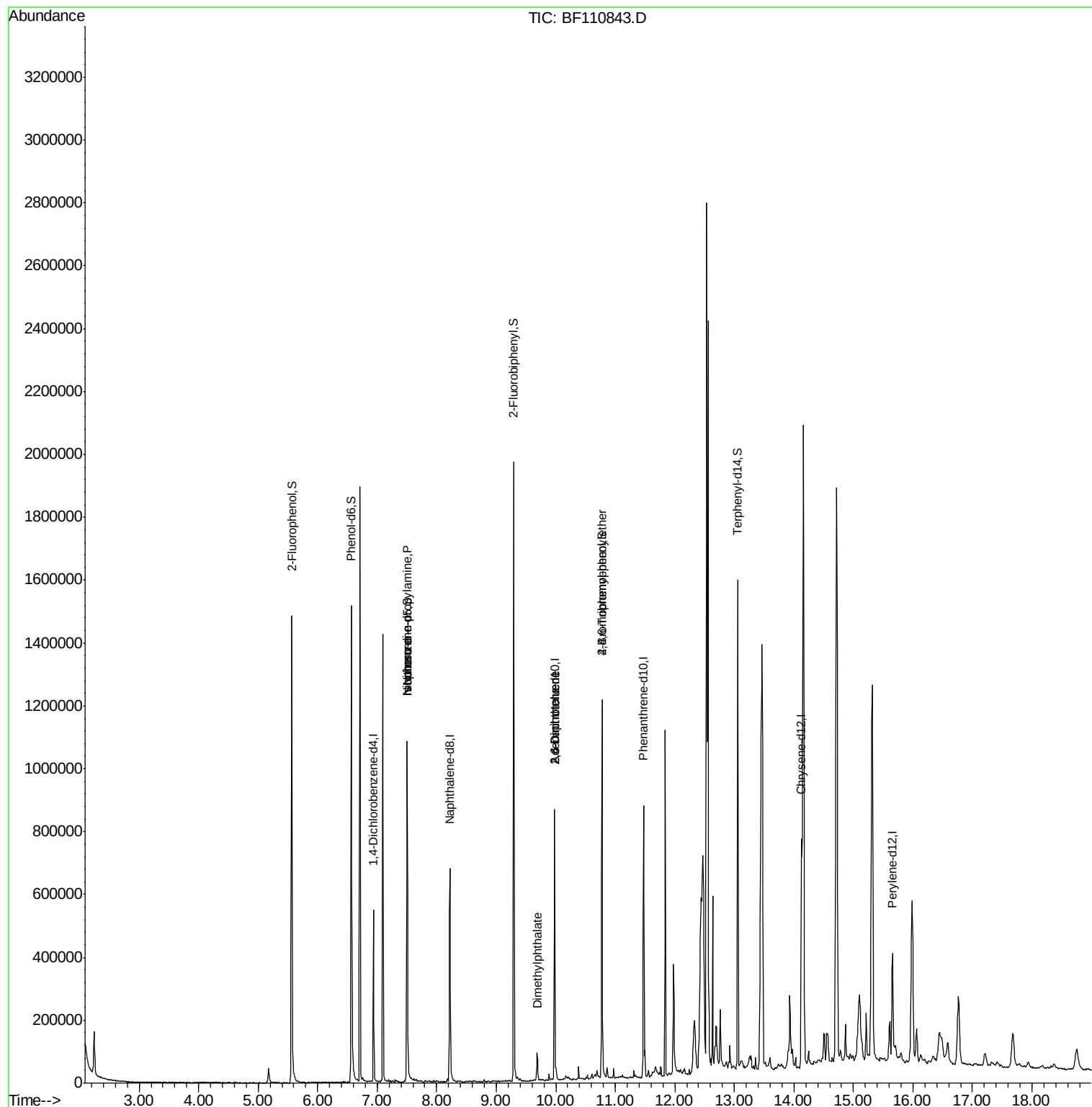
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	81117	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	338711	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	165995	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	293846	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	183985	20.00	ng	-0.01
87) Perylene-d12	15.66	264	168989	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	433066	86.72	ng	0.00
7) Phenol-d6	6.57	99	544295	85.23	ng	0.00
23) Nitrobenzene-d5	7.50	82	350453	59.59	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	133695	79.93	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	623560	53.65	ng	-0.01
79) Terphenyl-d14	13.06	244	491221	50.00	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.57	77	682	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propylamine	7.50	70	47269	11.596 ng	#	81
25) Isophorone	7.50	82	350451	36.355 ng	#	67
50) Dimethylphthalate	9.69	163	35954	2.903 ng		99
51) 2,6-Dinitrotoluene	9.98	165	20570	7.549 ng	#	23
57) 2,4-Dinitrotoluene	9.98	165	20570	5.806 ng	#	19
67) 4-Bromophenyl-phenylether	10.77	248	8559	2.636 ng	#	1

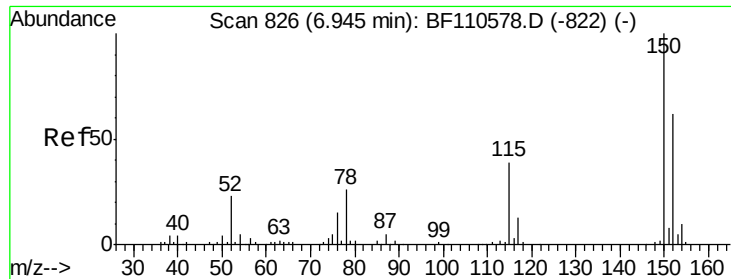
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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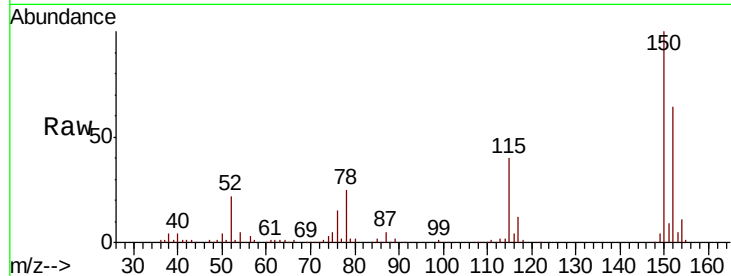


#1

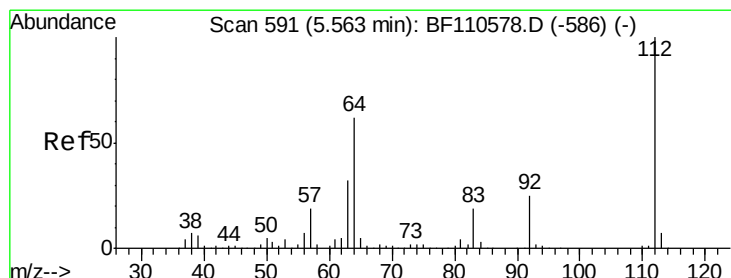
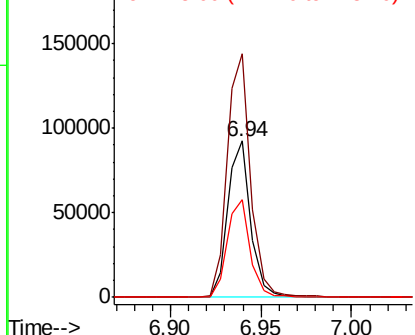
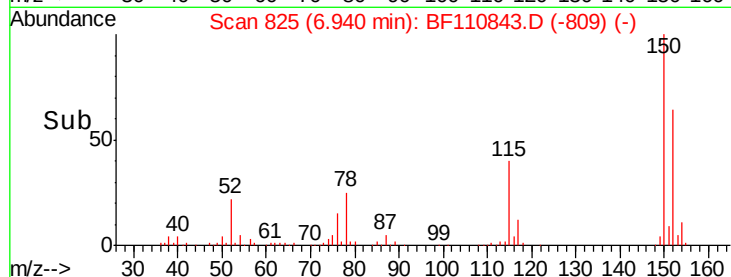
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110843.D
Acq: 19 Nov 2018 10:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 81117
Ion Ratio Lower Upper
152 100
150 156.0 122.7 184.1
115 62.7 49.1 73.7



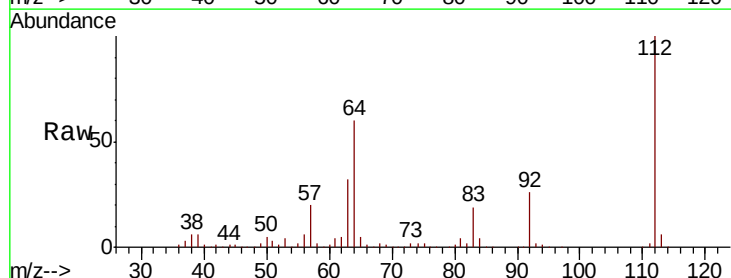
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



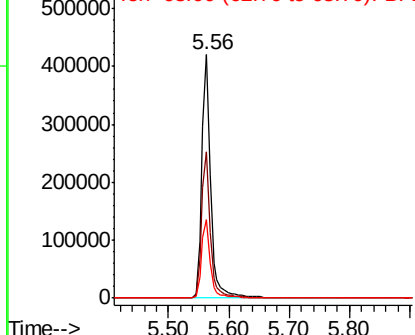
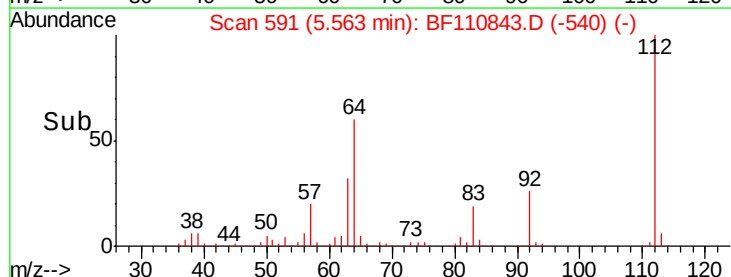
#5

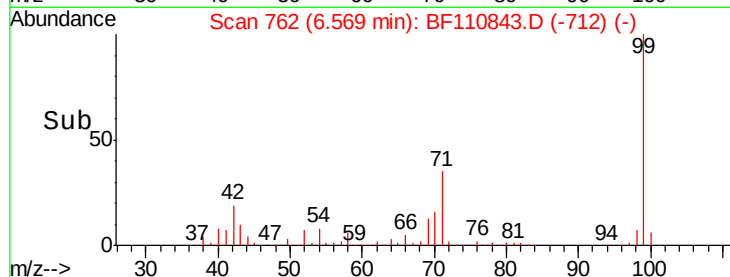
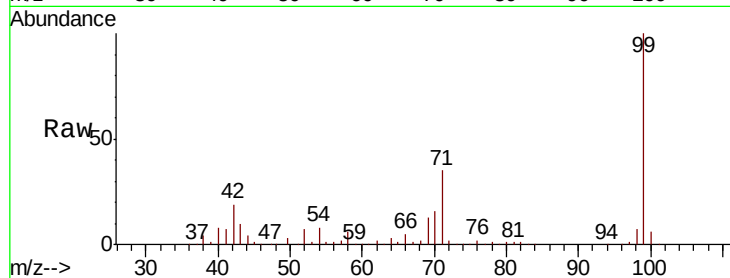
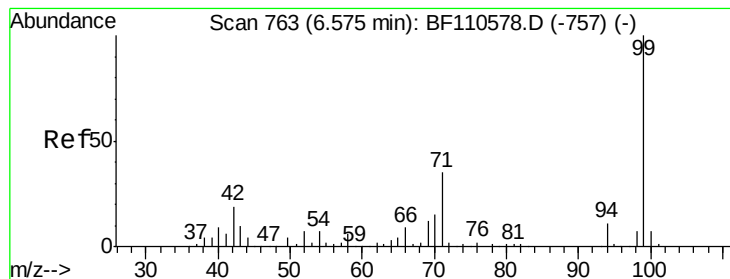
2-Fluorophenol
Concen: 86.719 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110843.D
Acq: 19 Nov 2018 10:50

Tgt Ion:112 Resp: 433066
Ion Ratio Lower Upper
112 100
64 60.0 44.1 66.1
63 32.3 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: 85.232 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110843.D

Acq: 19 Nov 2018 10:50

Instrument :

BNA_F

ClientSampleId :

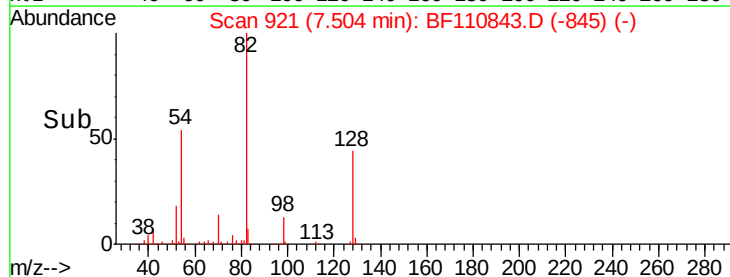
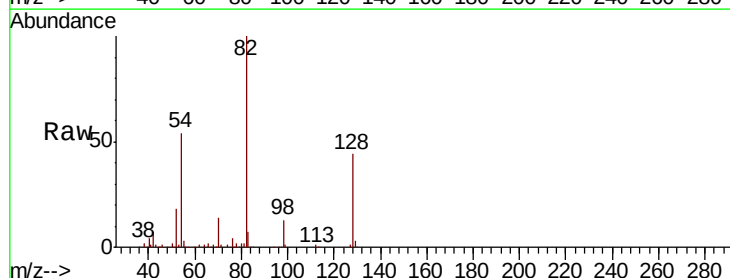
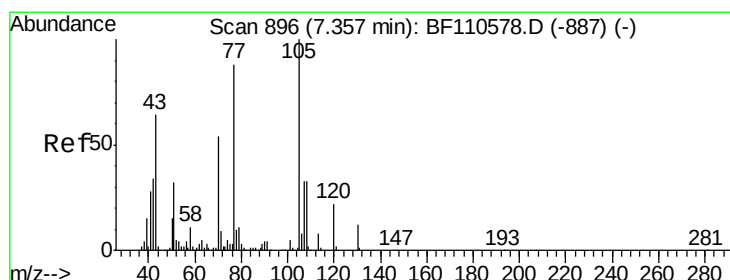
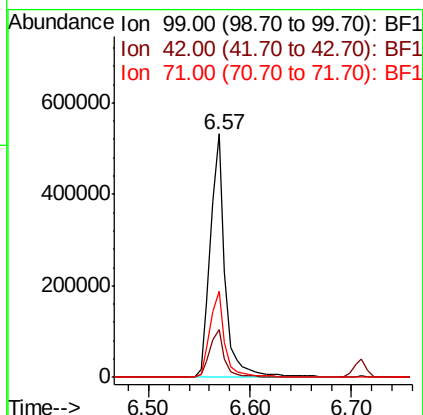
Tot Ion: 99 Resp: 544295

Ion Ratio Lower Upper

99 100

42 19.5 15.8 23.6

71 35.5 28.0 42.0



#19

n-Nitroso-di-n-propylamine

Concen: 11.596 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.15 min

Lab File: BF110843.D

Acq: 19 Nov 2018 10:50

Tgt Ion: 70 Resp: 47269

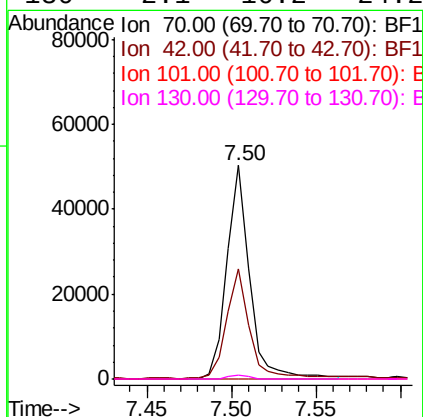
Ion Ratio Lower Upper

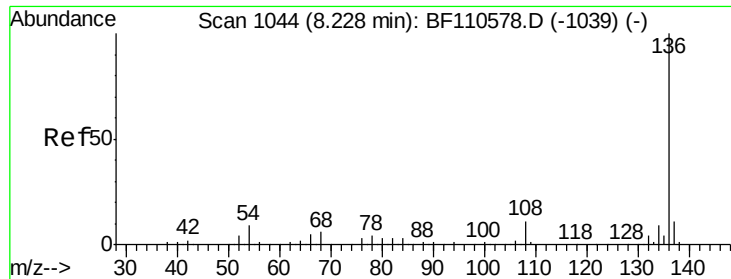
70 100

42 51.5 47.4 71.2

101 0.0 7.3 10.9#

130 2.1 16.2 24.2#

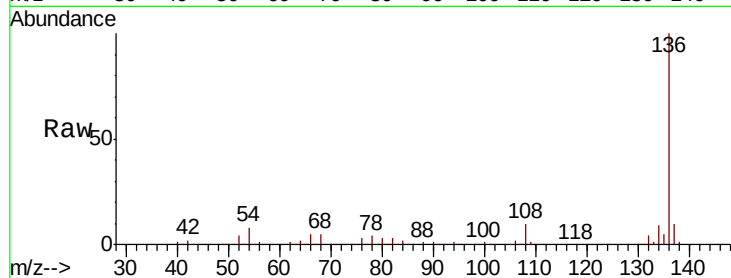




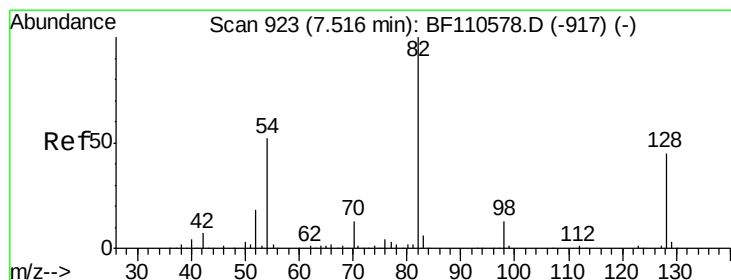
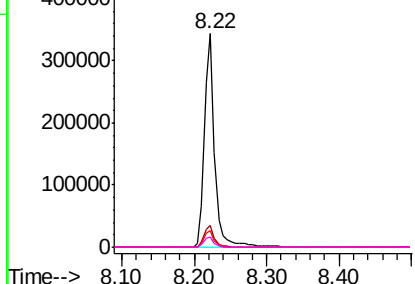
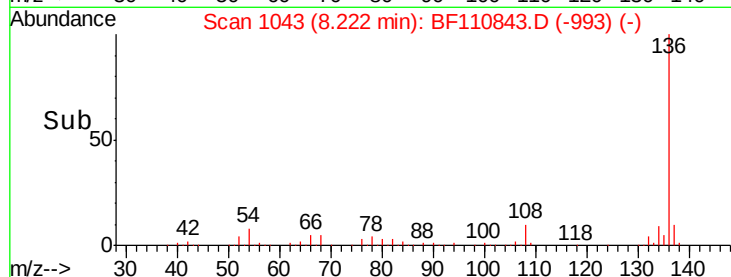
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110843.D
Acq: 19 Nov 2018 10:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	338711
Ion	Ratio	Lower Upper
136	100	
137	10.4	8.8 13.2
54	7.6	5.4 8.2
68	4.9	4.2 6.2

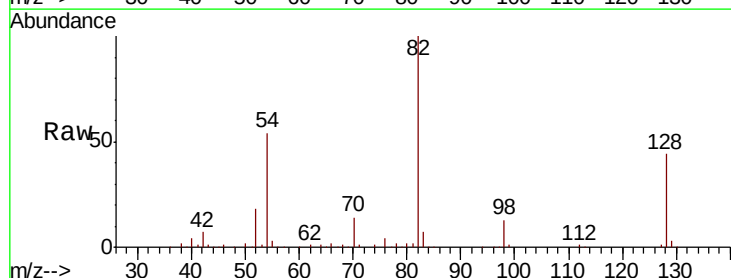


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

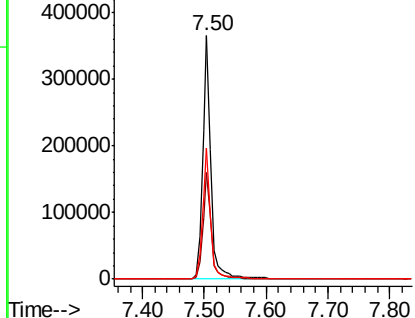
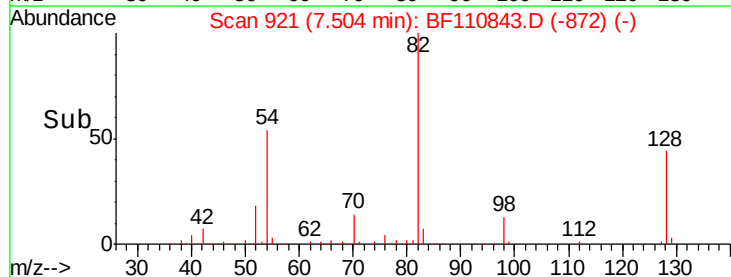


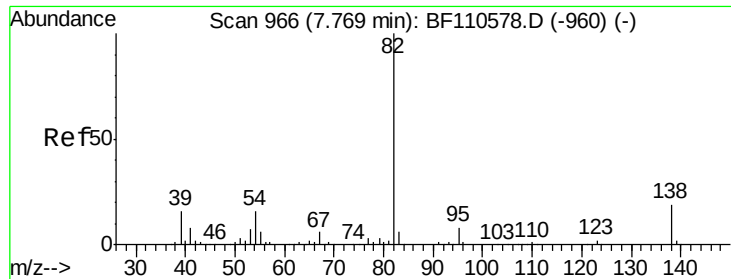
#23
Nitrobenzene-d5
Concen: 59.586 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110843.D
Acq: 19 Nov 2018 10:50

Tgt Ion: 82	Resp:	350453
Ion	Ratio	Lower Upper
82	100	
128	43.9	34.2 51.2
54	53.6	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: 36.355 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.26 min

Lab File: BF110843.D

Acq: 19 Nov 2018 10:50

Instrument :

BNA_F

ClientSampled :

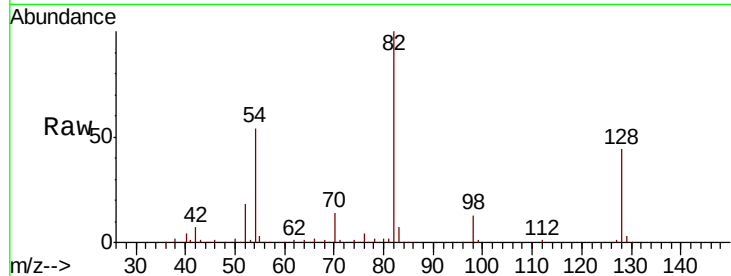
Tot Ion: 82 Resp: 350451

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

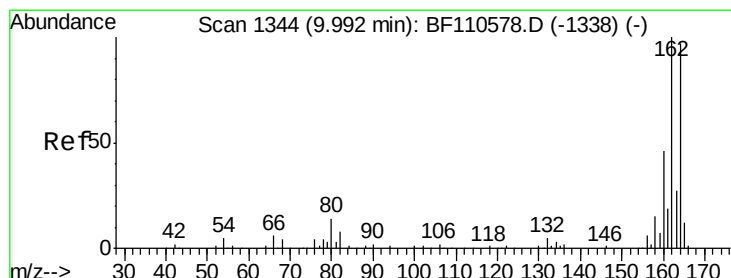
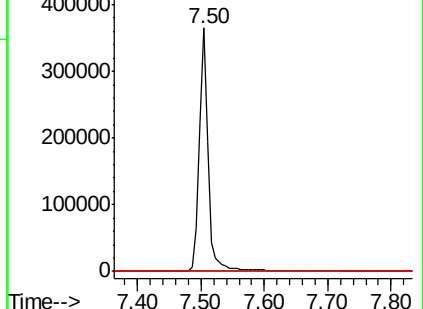
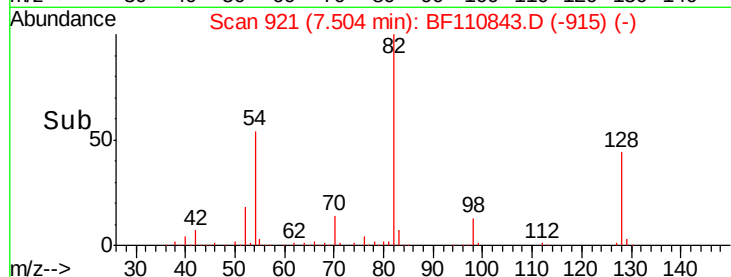
138 0.0 13.2 19.8#



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: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF110843.D

Acq: 19 Nov 2018 10:50

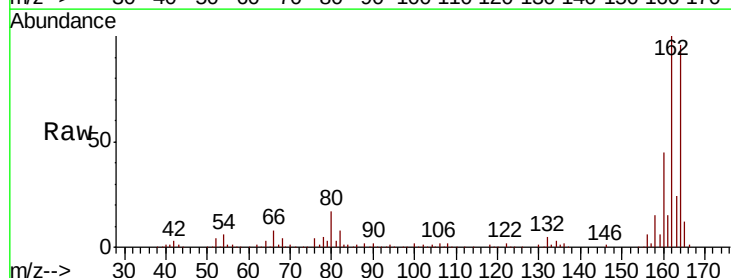
Tgt Ion: 164 Resp: 165995

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.6

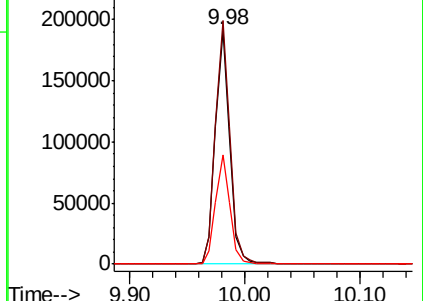
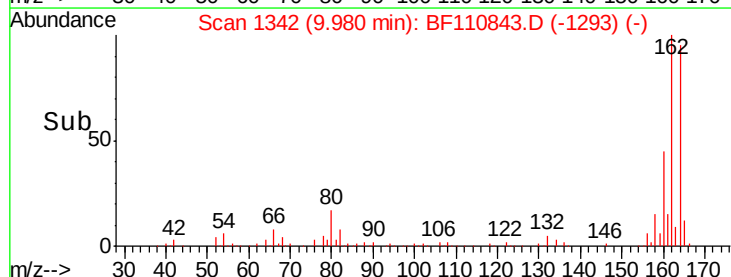
160 46.7 37.0 55.6

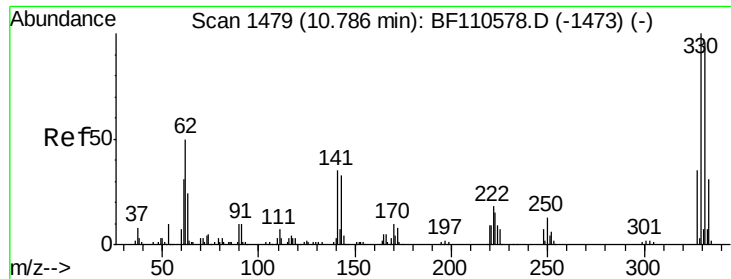


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 79.932 ng

RT: 10.77 min Scan# 1477

Delta R.T. -0.01 min

Lab File: BF110843.D

Acq: 19 Nov 2018 10:50

Instrument :

BNA_F

ClientSampleId :

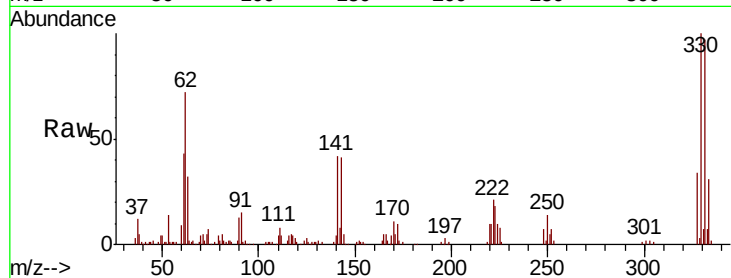
Tot Ion:330 Resp: 133695

Ion Ratio Lower Upper

330 100

332 97.3 77.1 115.7

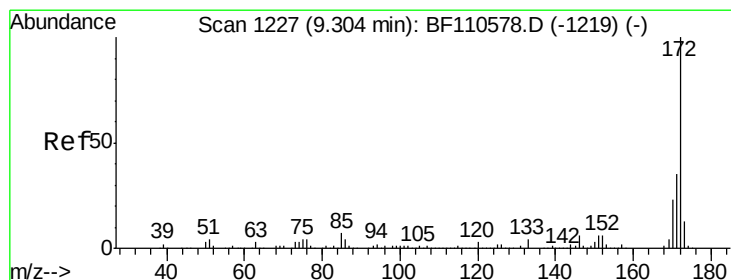
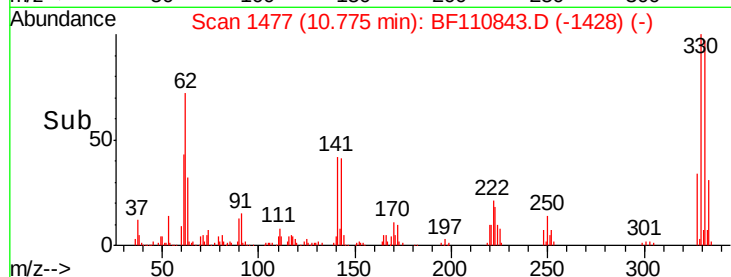
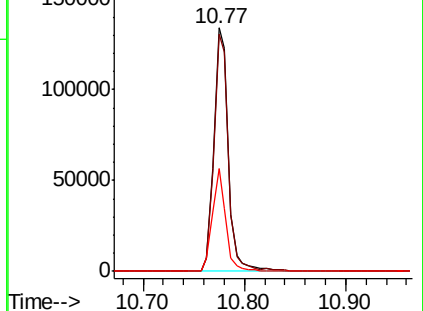
141 38.7 27.0 40.4



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: 53.650 ng

RT: 9.29 min Scan# 1225

Delta R.T. -0.01 min

Lab File: BF110843.D

Acq: 19 Nov 2018 10:50

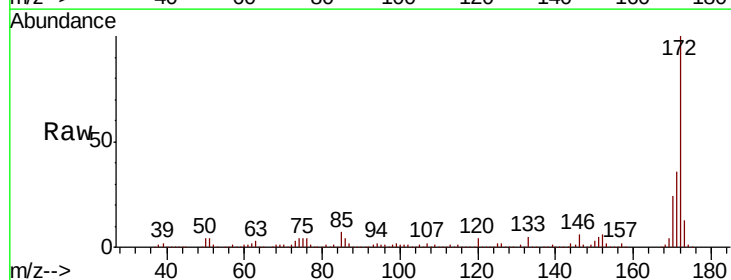
Tgt Ion:172 Resp: 623560

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

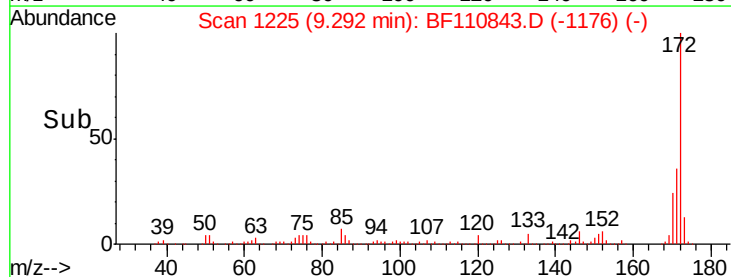
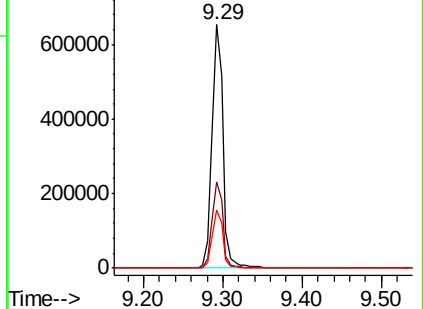
170 23.6 19.7 29.5

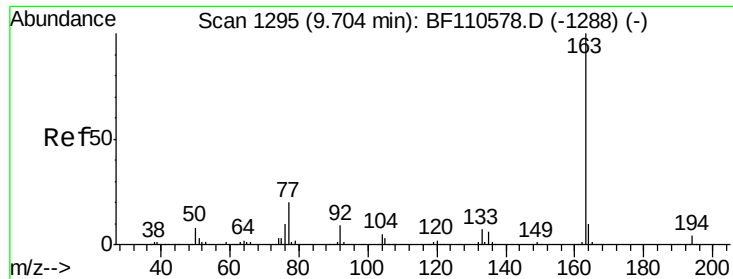


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 2.903 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.02 min

Lab File: BF110843.D

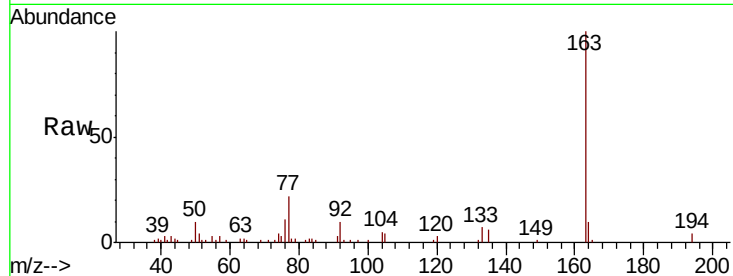
Acq: 19 Nov 2018 10:50

Instrument :

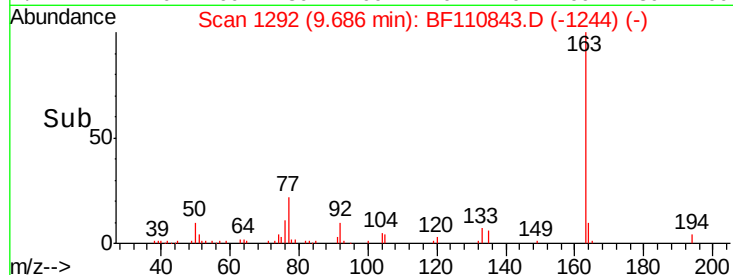
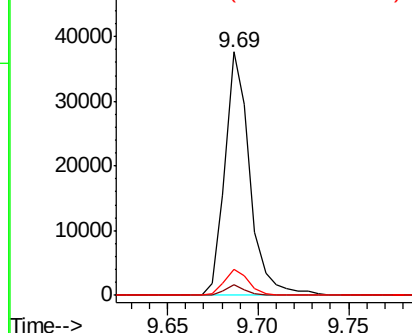
BNA_F

ClientSampled :

Tot Ion:163	Resp:	35954
Ion Ratio	Lower	Upper
163	100	
194	4.5	3.2 4.8
164	10.4	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: 7.549 ng

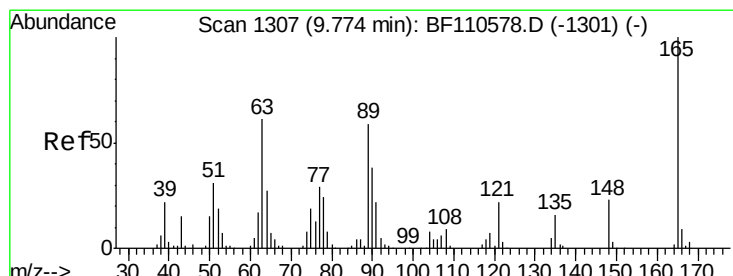
RT: 9.98 min Scan# 1342

Delta R.T. 0.21 min

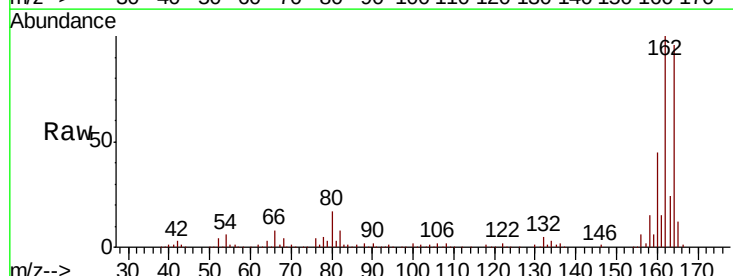
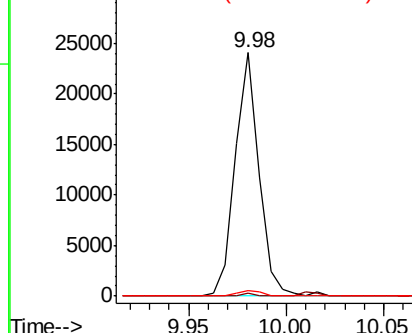
Lab File: BF110843.D

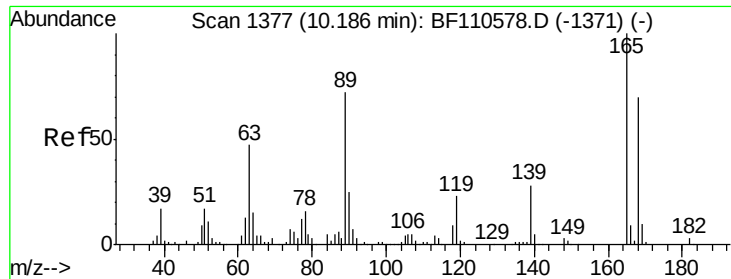
Acq: 19 Nov 2018 10:50

Tgt Ion:165	Resp:	20570
Ion Ratio	Lower	Upper
165	100	
63	1.3	48.9 73.3#
89	2.1	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

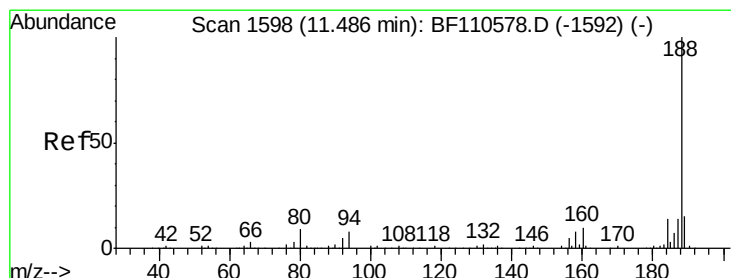
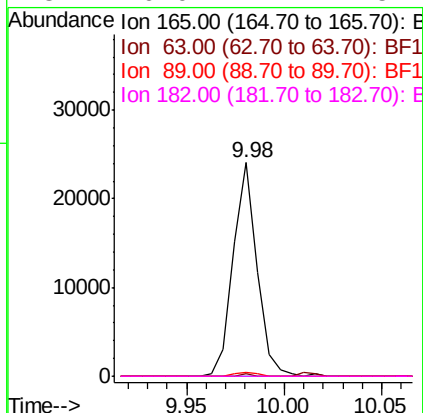
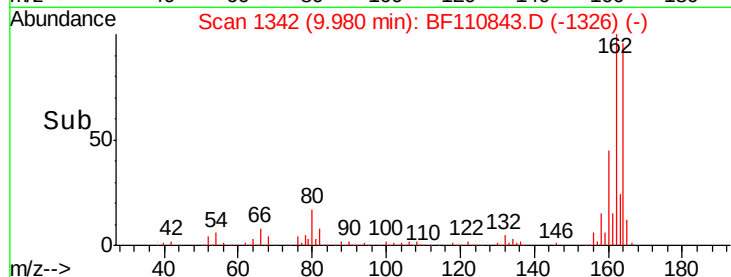
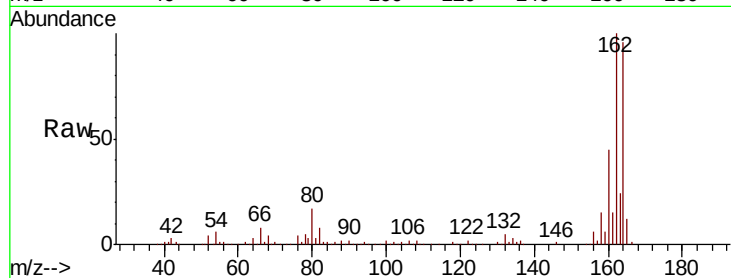




#57
 2,4-Dinitrotoluene
 Concen: 5.806 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110843.D
 Acq: 19 Nov 2018 10:50

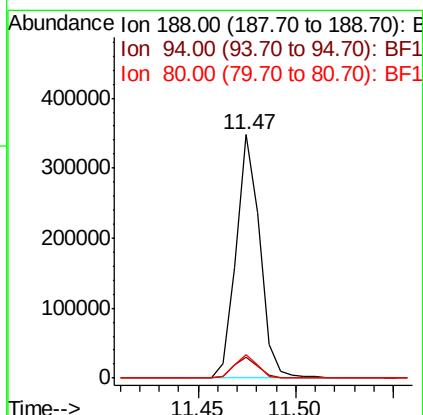
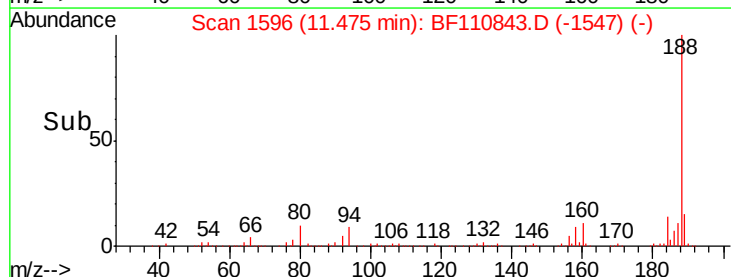
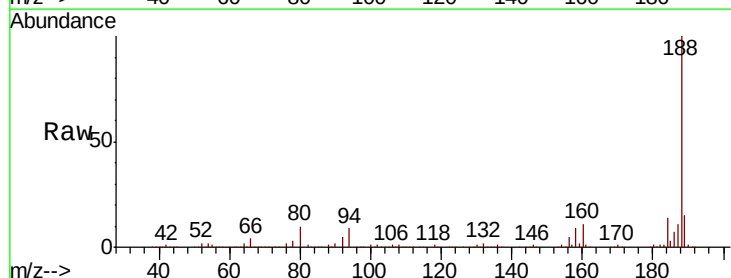
Instrument :
 BNA_F
 ClientSampleId :

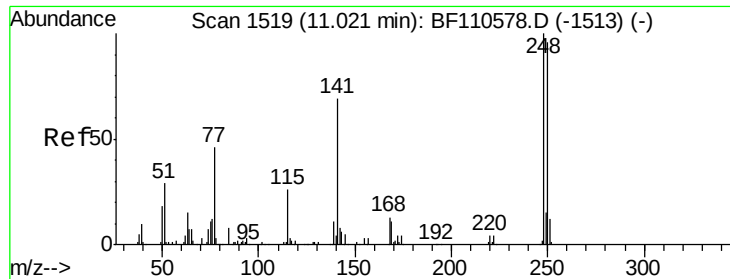
Tot Ion:165	Resp:	20570
Ion Ratio	Lower	Upper
165	100	
63	1.3	44.8 67.2#
89	2.1	62.2 93.4#
182	0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.47 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF110843.D
 Acq: 19 Nov 2018 10:50

Tgt Ion:188	Resp:	293846
Ion Ratio	Lower	Upper
188	100	
94	8.7	7.2 10.8
80	9.6	7.9 11.9

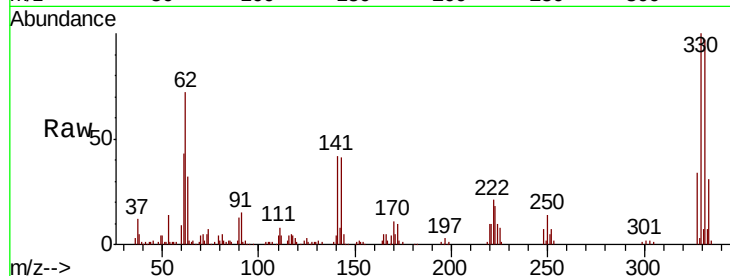




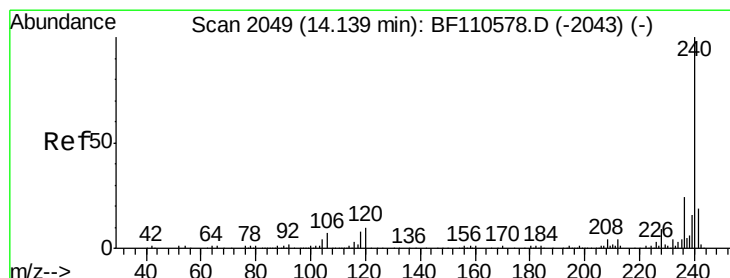
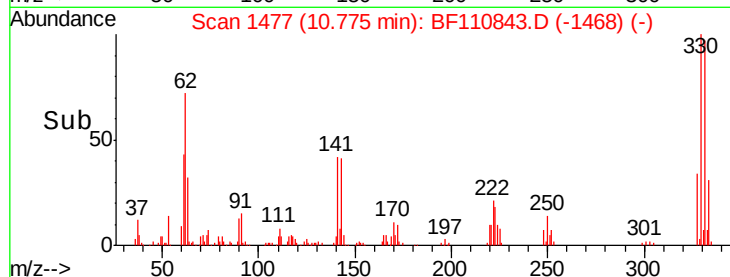
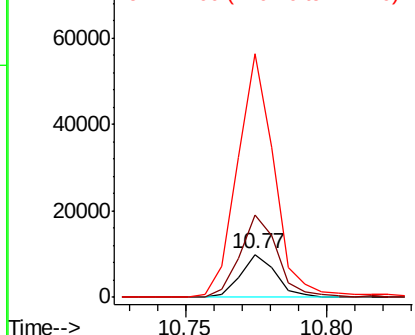
#67
4-Bromophenyl-phenylether
Concen: 2.636 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110843.D
Acq: 19 Nov 2018 10:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8559
Ion Ratio Lower Upper
248 100
250 191.6 79.4 119.2#
141 569.8 55.9 83.9#

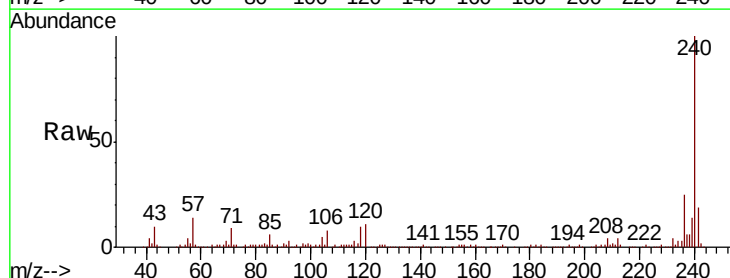


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

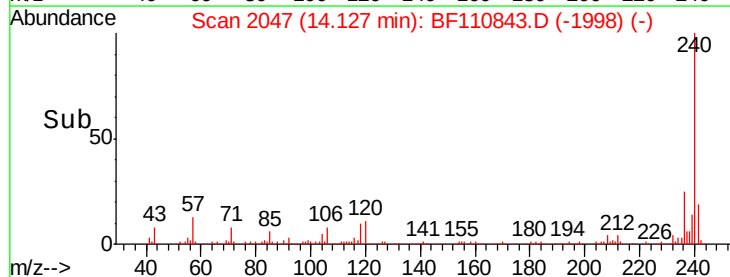
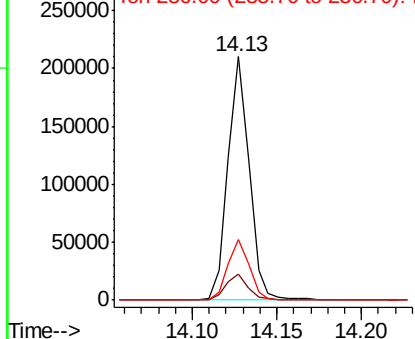


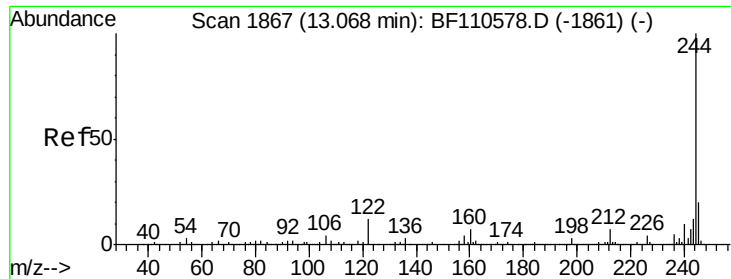
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110843.D
Acq: 19 Nov 2018 10:50

Tgt Ion:240 Resp: 183985
Ion Ratio Lower Upper
240 100
120 10.7 8.3 12.5
236 25.1 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

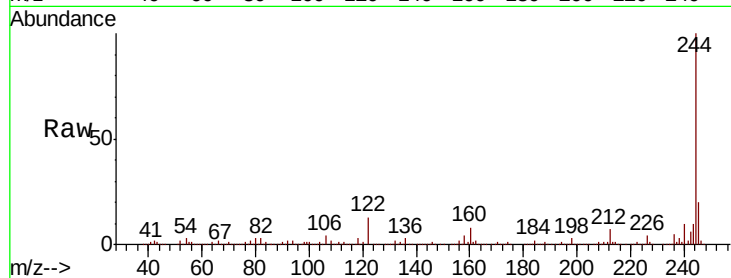




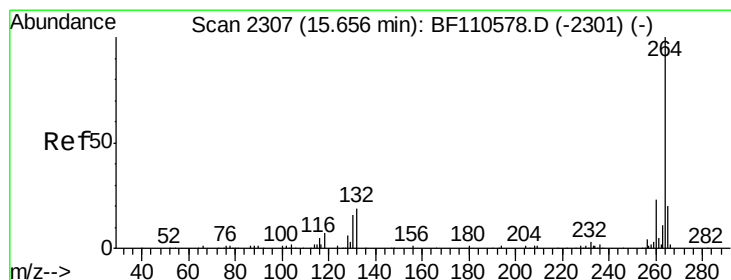
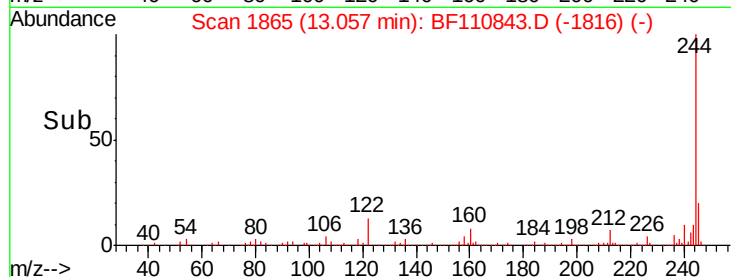
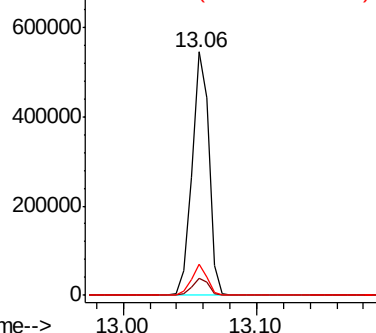
#79
 Terphenyl-d14
 Concen: 50.001 ng
 RT: 13.06 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BF110843.D
 Acq: 19 Nov 2018 10:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 491221
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 12.8 8.7 13.1

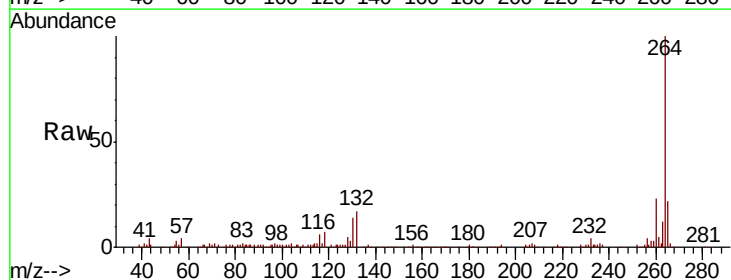


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110843.D
 Acq: 19 Nov 2018 10:50

Tgt Ion:264 Resp: 168989
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.7 28.1
 265 22.1 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

