

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
 Data File : BF110891.D
 Acq On : 20 Nov 2018 13:50
 Operator : JU/SJ
 Sample : J5993-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 14:19:50 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

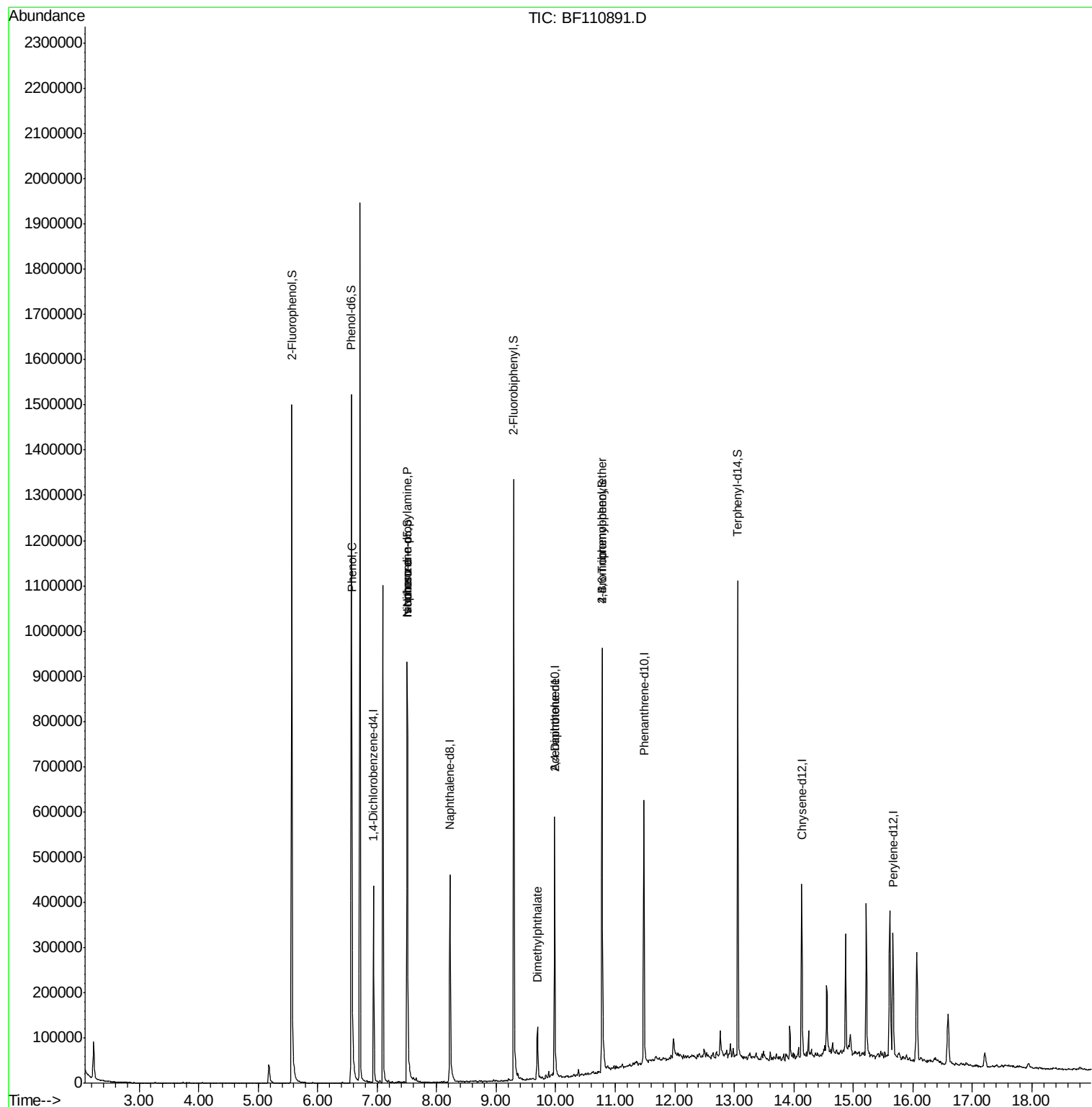
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	61963	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	259312	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	123073	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	230952	20.00	ng	0.00
76) Chrysene-d12	14.13	240	135934	20.00	ng	0.00
87) Perylene-d12	15.66	264	139652	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	441040	115.62	ng	0.00
7) Phenol-d6	6.57	99	559405	114.68	ng	0.00
23) Nitrobenzene-d5	7.50	82	336860	74.81	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	120940	97.52	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	454124	52.70	ng	-0.01
79) Terphenyl-d14	13.06	244	326371	44.96	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.57	77	991	Below Cal	Qvalue	# 1
10) Phenol	6.58	94	26726	4.725 ng	#	73
19) n-Nitroso-di-n-propylamine	7.50	70	45702	14.677 ng	#	80
25) Isophorone	7.50	82	336855	45.644 ng	#	67
50) Dimethylphthalate	9.69	163	58536	6.374 ng		99
57) 2,4-Dinitrotoluene	9.98	165	15969	6.080 ng	#	17
67) 4-Bromophenyl-phenylether	10.77	248	7944	3.112 ng	#	1

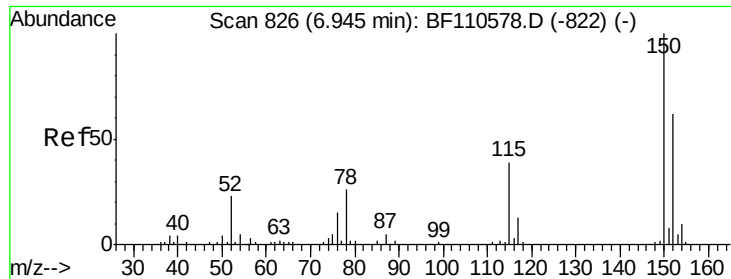
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
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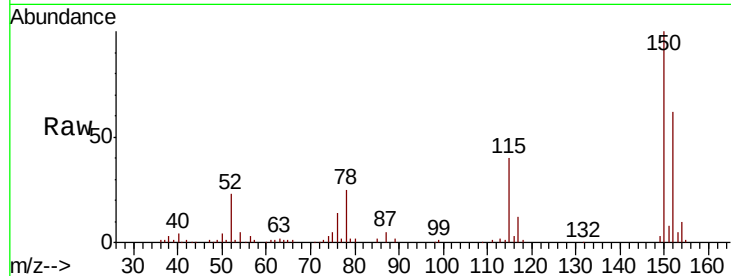


#1

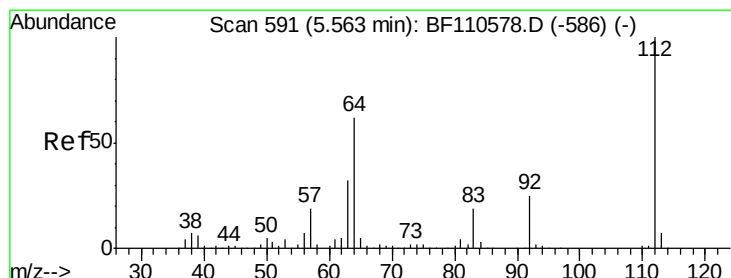
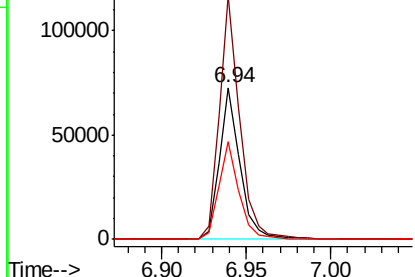
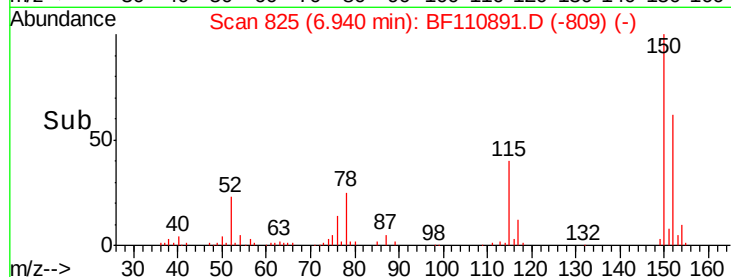
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110891.D
Acq: 20 Nov 2018 13:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 61963
Ion Ratio Lower Upper
152 100
150 160.6 122.7 184.1
115 64.6 49.1 73.7



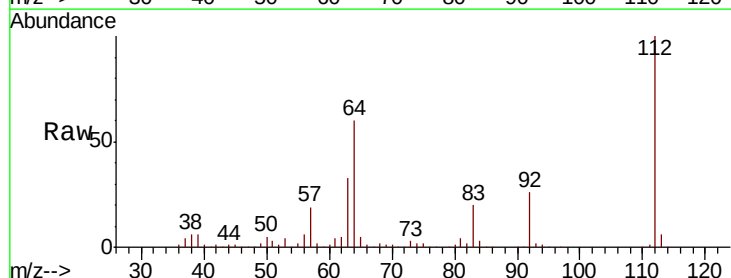
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



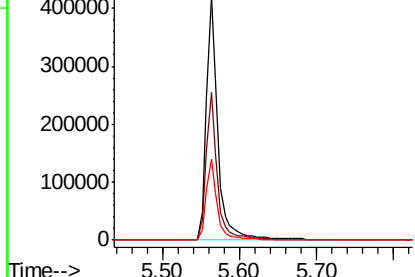
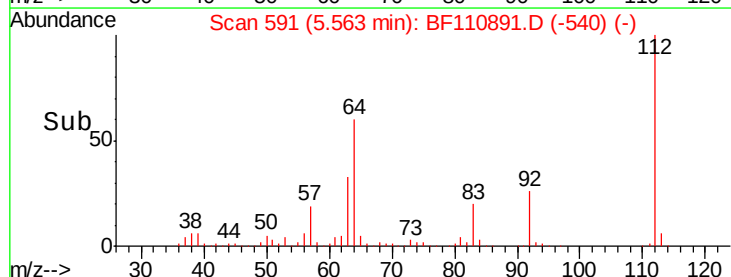
#5

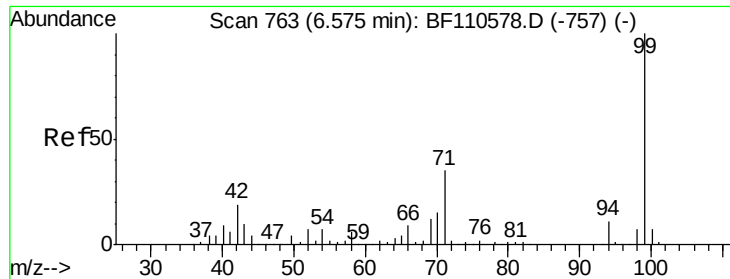
2-Fluorophenol
Concen: 115.615 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110891.D
Acq: 20 Nov 2018 13:50

Tgt Ion:112 Resp: 441040
Ion Ratio Lower Upper
112 100
64 60.5 44.1 66.1
63 33.4 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: 114.677 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110891.D

Acq: 20 Nov 2018 13:50

Instrument :

BNA_F

ClientSampleId :

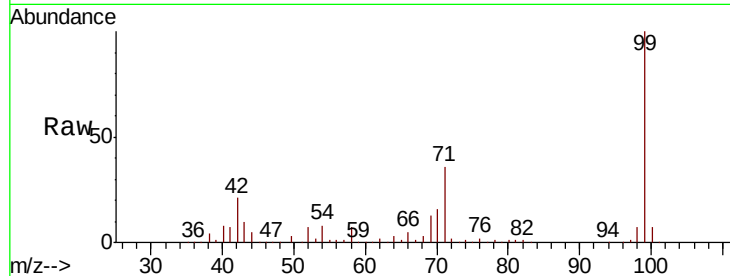
Tot Ion: 99 Resp: 559405

Ion Ratio Lower Upper

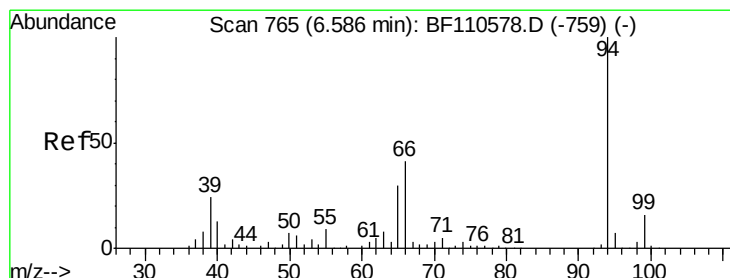
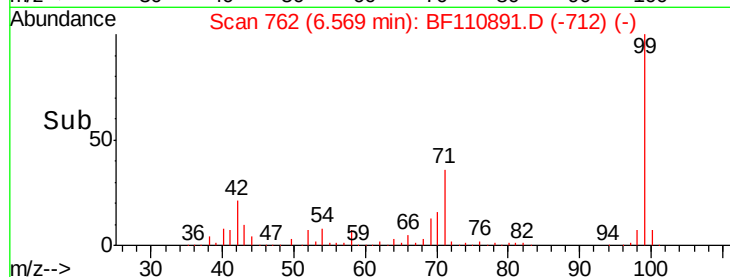
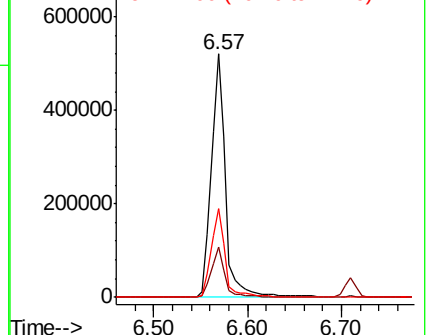
99 100

42 20.6 15.8 23.6

71 36.5 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: 4.725 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110891.D

Acq: 20 Nov 2018 13:50

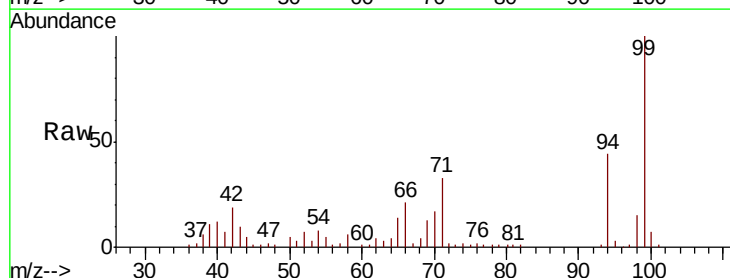
Tgt Ion: 94 Resp: 26726

Ion Ratio Lower Upper

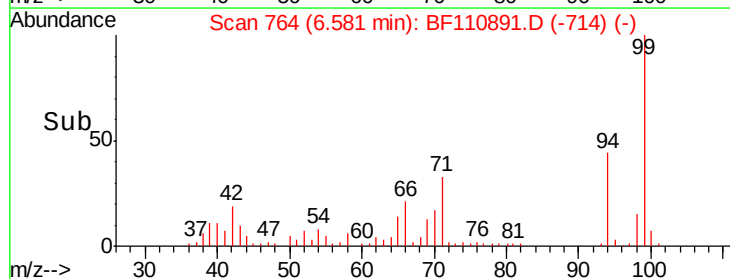
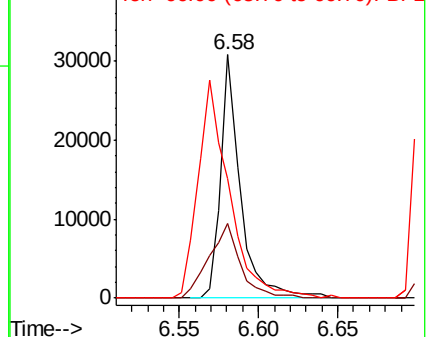
94 100

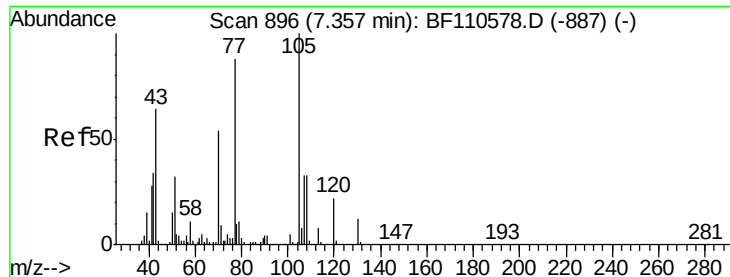
65 30.9 25.3 65.3

66 48.9 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

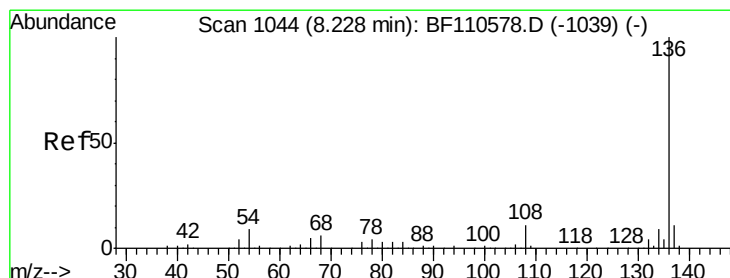
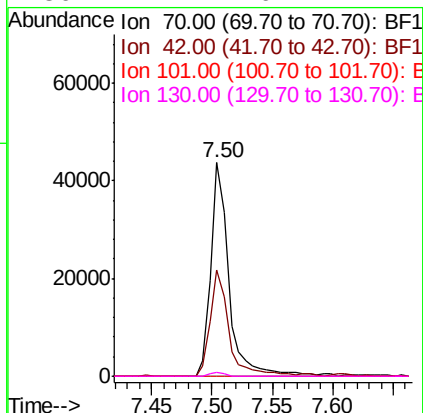
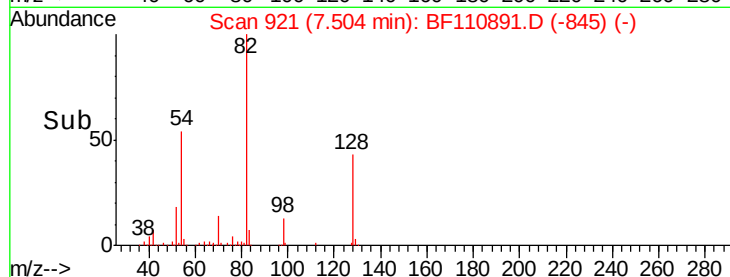
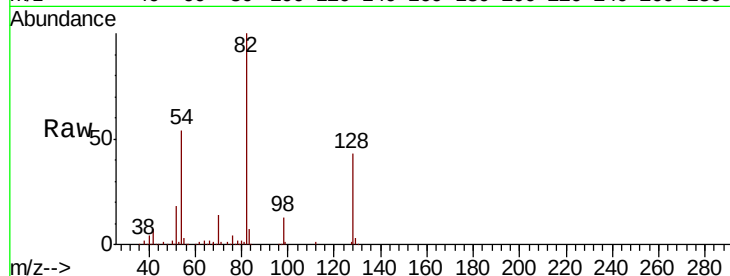




#19
n-Nitroso-di-n-propylamine
Concen: 14.677 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110891.D
Acq: 20 Nov 2018 13:50

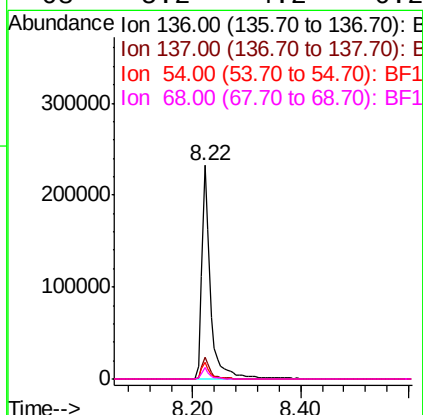
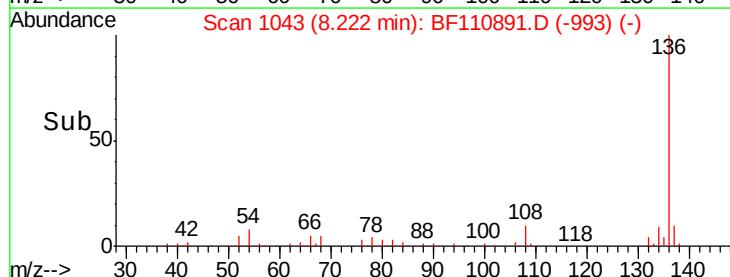
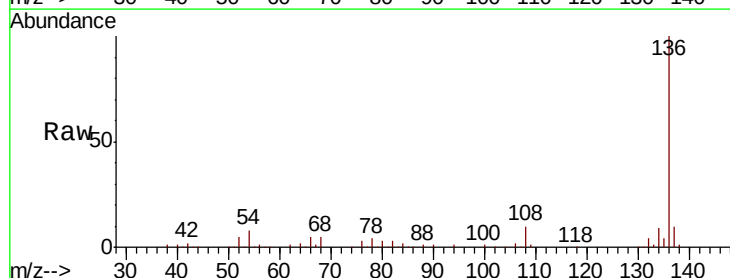
Instrument :
BNA_F
ClientSampleId :

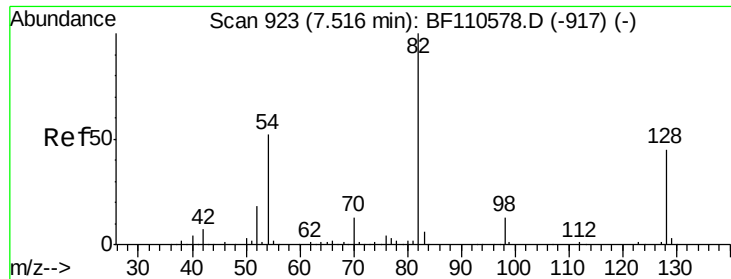
Tot Ion: 70 Resp: 45702
Ion Ratio Lower Upper
70 100
42 50.0 47.4 71.2
101 0.0 7.3 10.9#
130 1.7 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110891.D
Acq: 20 Nov 2018 13:50

Tgt Ion:136 Resp: 259312
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 7.9 5.4 8.2
68 5.2 4.2 6.2





#23

Nitrobenzene-d5

Concen: 74.812 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF110891.D

Acq: 20 Nov 2018 13:50

Instrument :

BNA_F

ClientSampled :

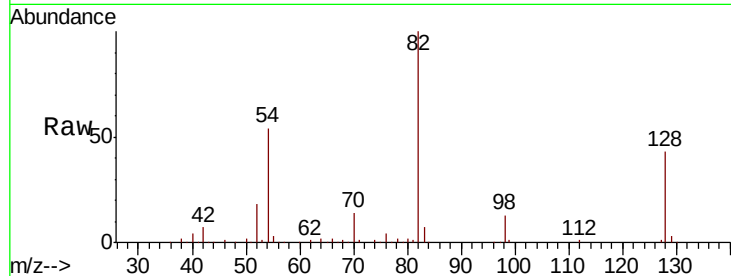
Tot Ion: 82 Resp: 336860

Ion Ratio Lower Upper

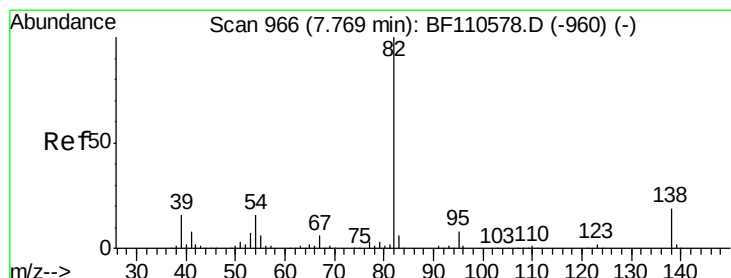
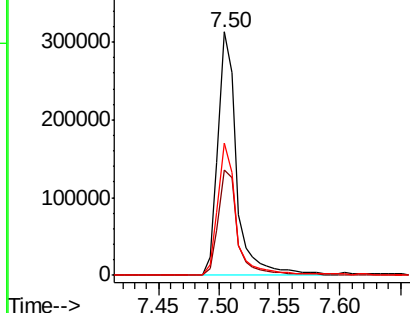
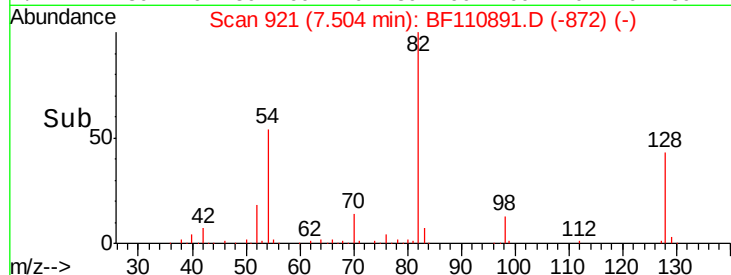
82 100

128 43.4 34.2 51.2

54 54.4 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: 45.644 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.26 min

Lab File: BF110891.D

Acq: 20 Nov 2018 13:50

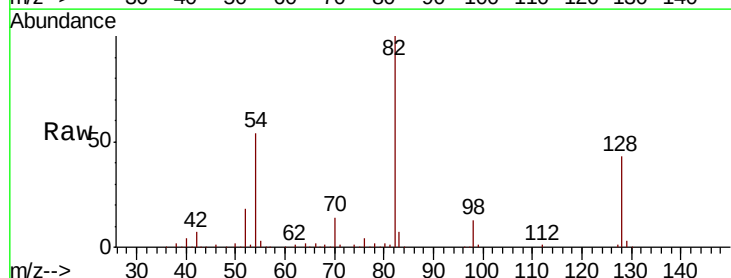
Tgt Ion: 82 Resp: 336855

Ion Ratio Lower Upper

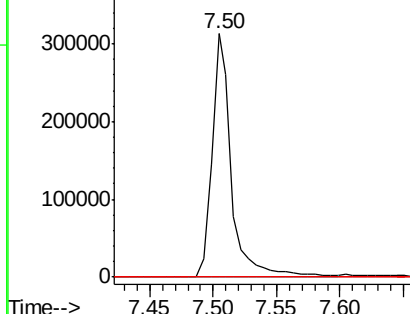
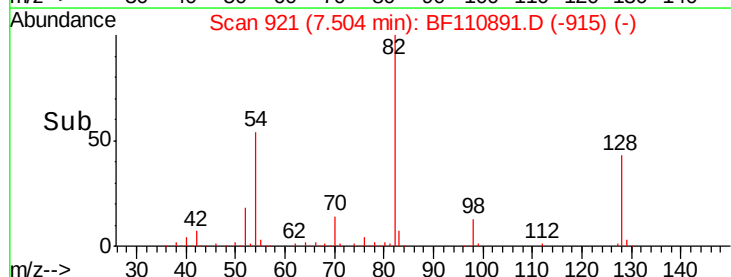
82 100

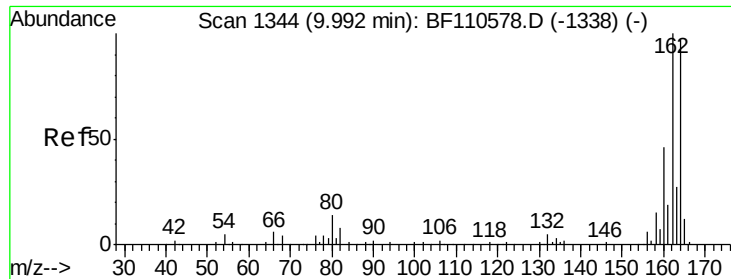
95 0.0 5.7 8.5#

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

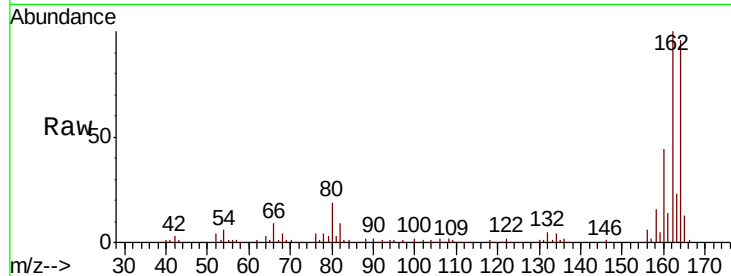




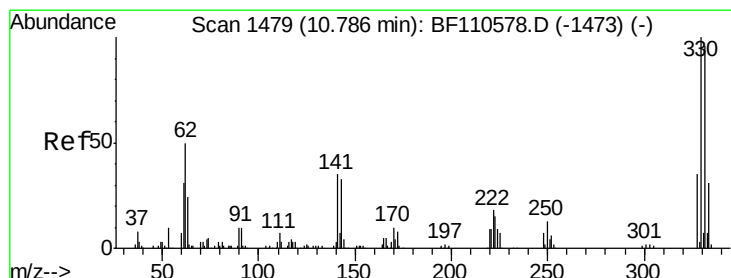
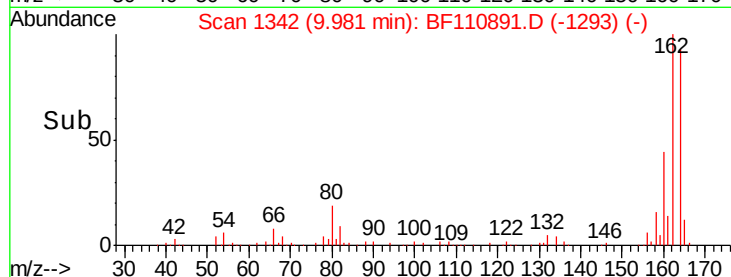
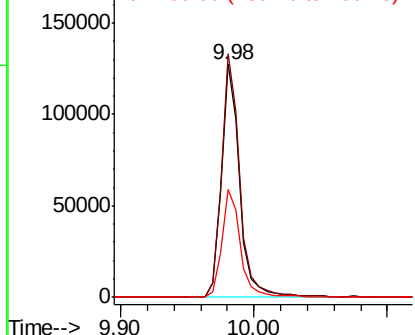
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110891.D
Acq: 20 Nov 2018 13:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 123073
Ion Ratio Lower Upper
164 100
162 104.3 83.0 124.6
160 46.0 37.0 55.6

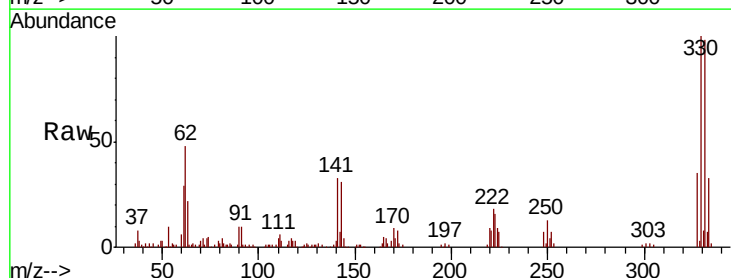


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

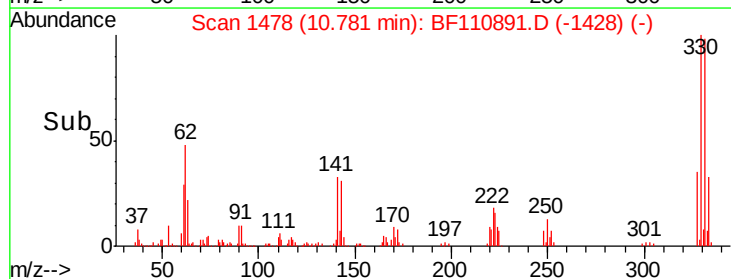
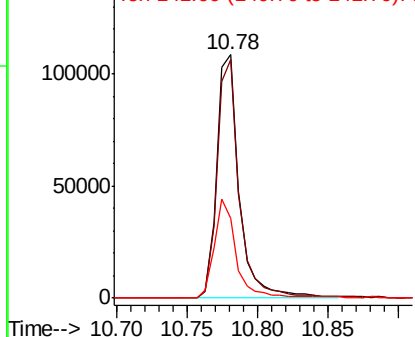


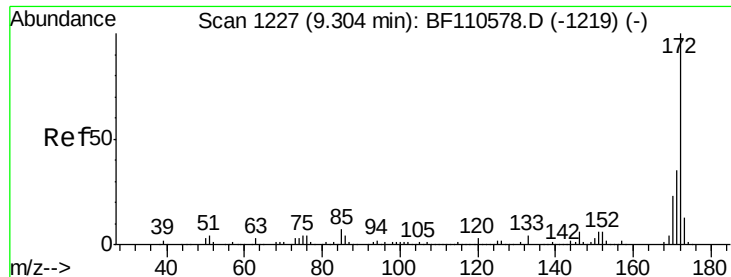
#42
2,4,6-Tribromophenol
Concen: 97.523 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110891.D
Acq: 20 Nov 2018 13:50

Tgt Ion:330 Resp: 120940
Ion Ratio Lower Upper
330 100
332 97.9 77.1 115.7
141 40.3 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

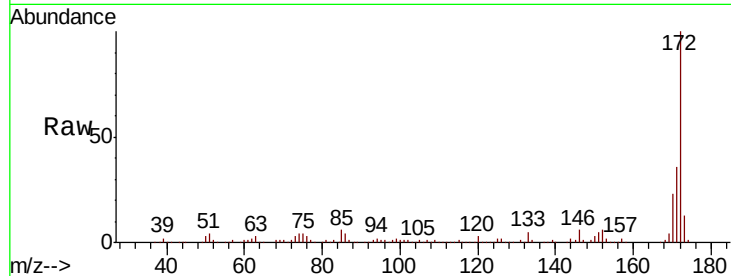




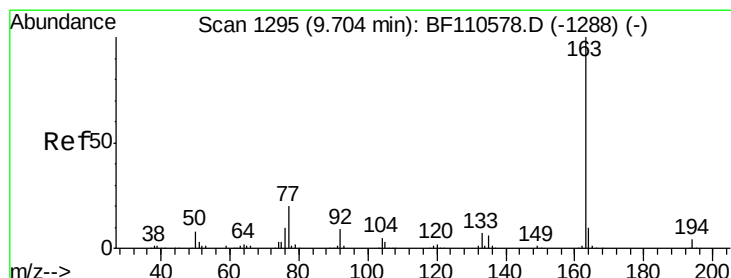
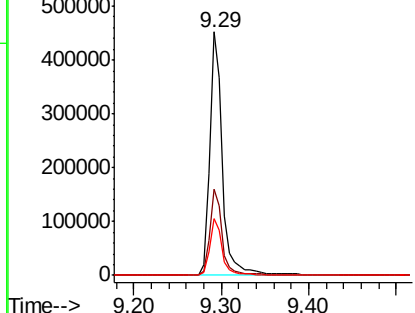
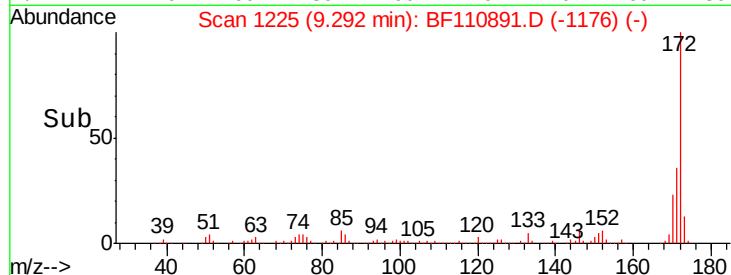
#45
2-Fluorobiphenyl
Concen: 52.698 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110891.D
Acq: 20 Nov 2018 13:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 454124
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.1 19.7 29.5

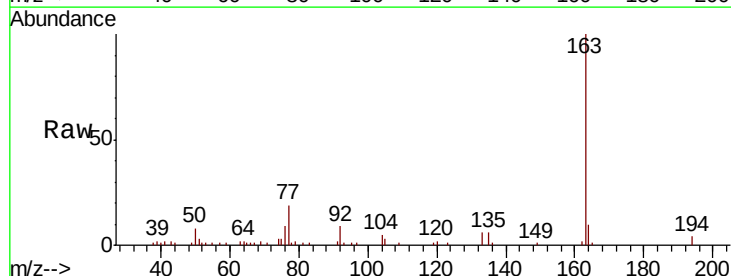


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

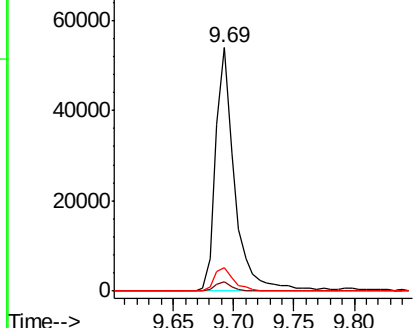
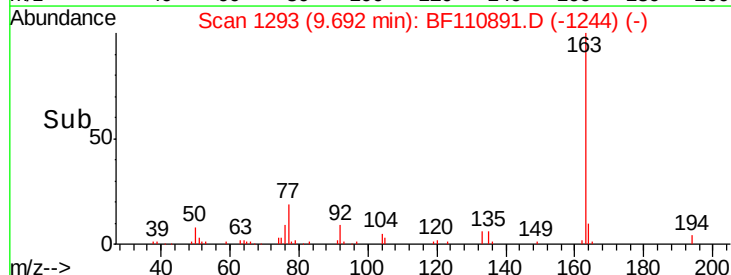


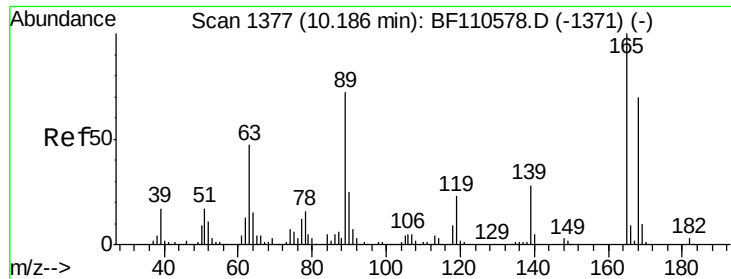
#50
Dimethylphthalate
Concen: 6.374 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110891.D
Acq: 20 Nov 2018 13:50

Tgt Ion:163 Resp: 58536
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.6 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

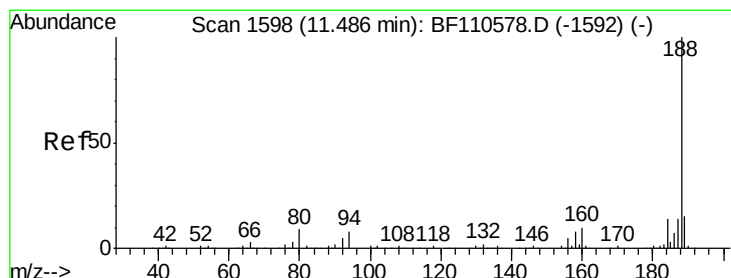
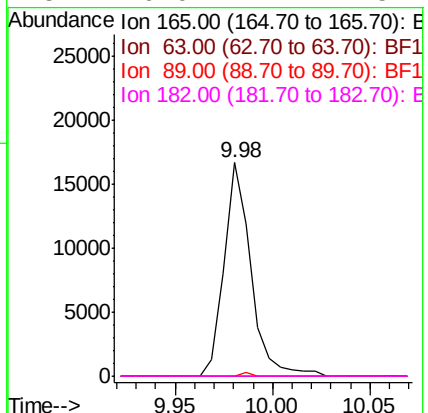
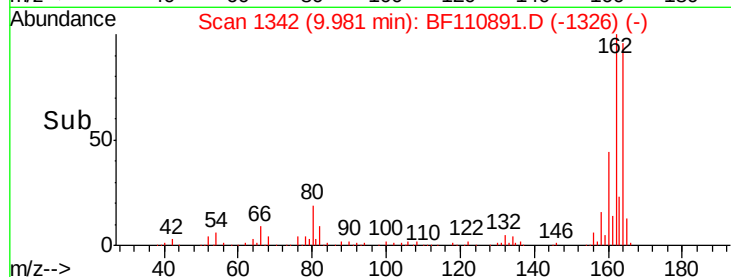
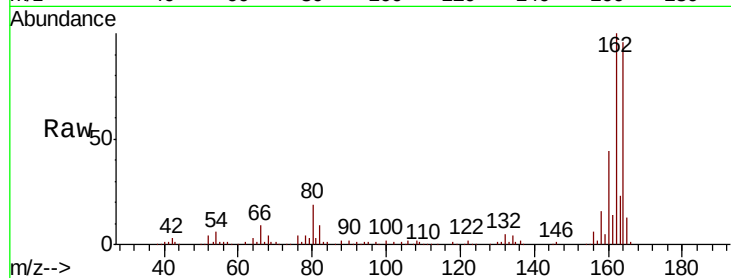




#57
 2,4-Dinitrotoluene
 Concen: 6.080 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110891.D
 Acq: 20 Nov 2018 13:50

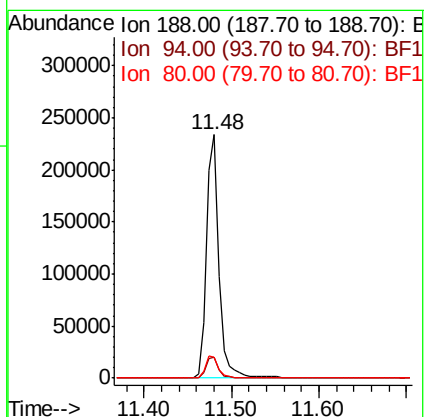
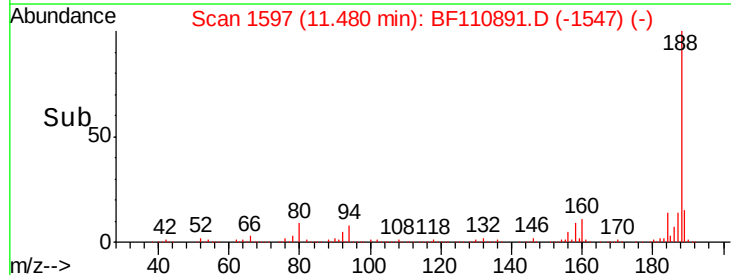
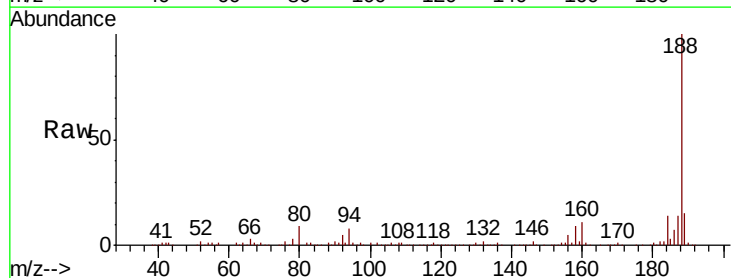
Instrument :
 BNA_F
 ClientSampled :

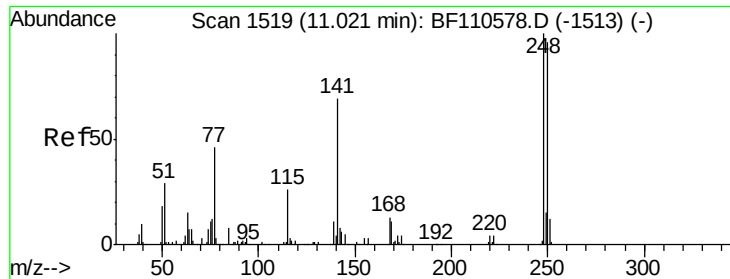
Tot Ion:165	Resp:	15969
Ion Ratio	Lower	Upper
165	100	
63	0.0	44.8 67.2#
89	0.0	62.2 93.4#
182	0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110891.D
 Acq: 20 Nov 2018 13:50

Tgt Ion:188	Resp:	230952
Ion Ratio	Lower	Upper
188	100	
94	8.5	7.2 10.8
80	8.6	7.9 11.9

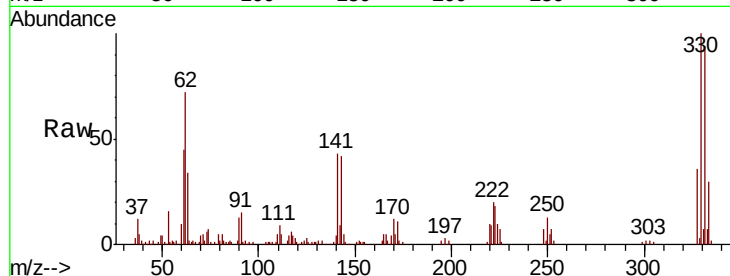




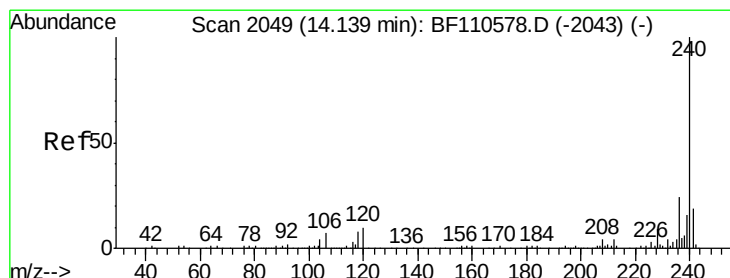
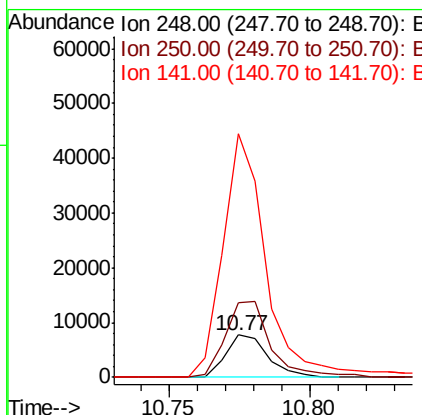
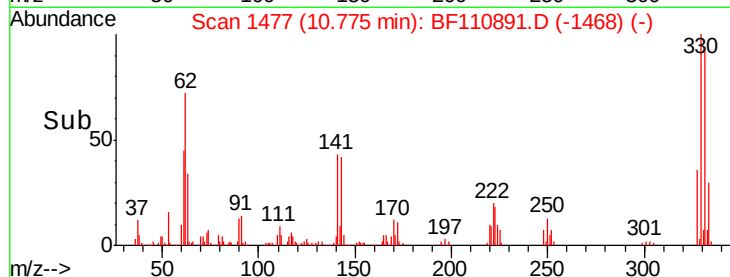
#67
4-Bromophenyl-phenylether
Concen: 3.112 ng
RT: 10.77 min Scan# 1477
Delta R.T. -0.25 min
Lab File: BF110891.D
Acq: 20 Nov 2018 13:50

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 7944
Ion Ratio Lower Upper
248 100
250 178.0 79.4 119.2#
141 575.6 55.9 83.9#

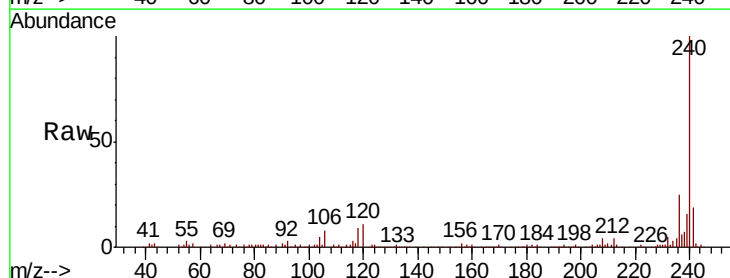


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

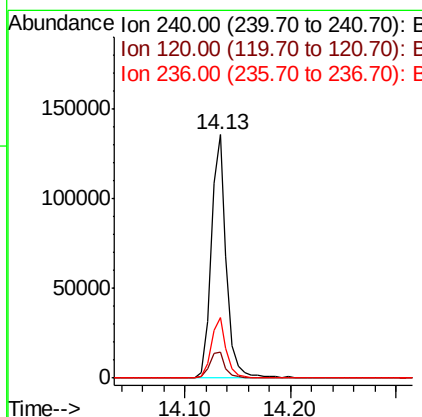
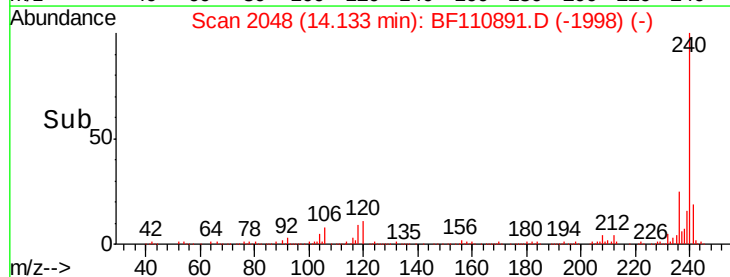


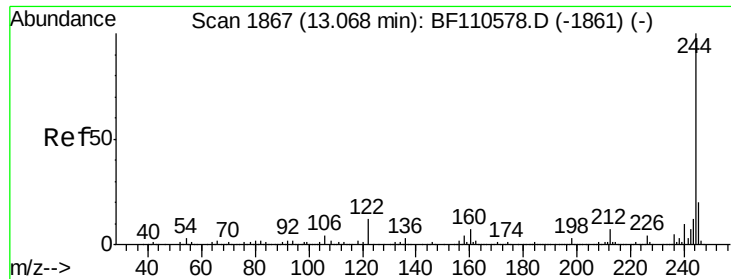
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110891.D
Acq: 20 Nov 2018 13:50

Tgt Ion:240 Resp: 135934
Ion Ratio Lower Upper
240 100
120 10.6 8.3 12.5
236 24.8 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: 44.964 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110891.D

Acq: 20 Nov 2018 13:50

Instrument :

BNA_F

ClientSampleId :

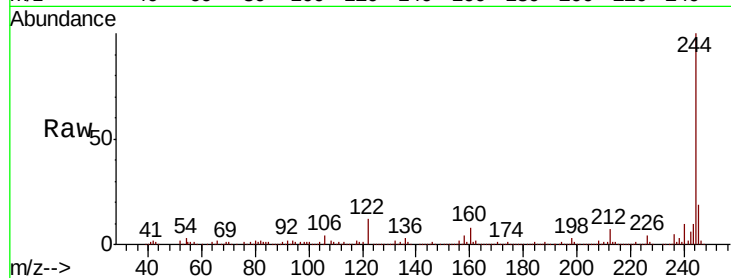
Tot Ion:244 Resp: 326371

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

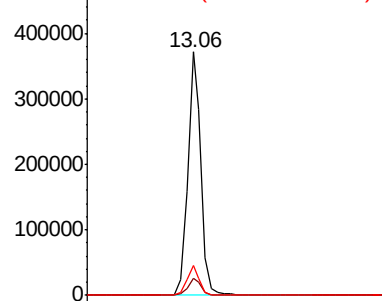
122 12.1 8.7 13.1



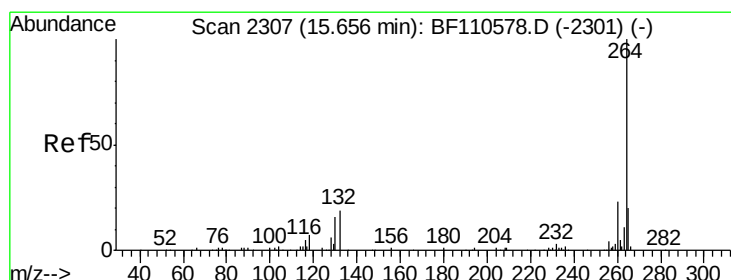
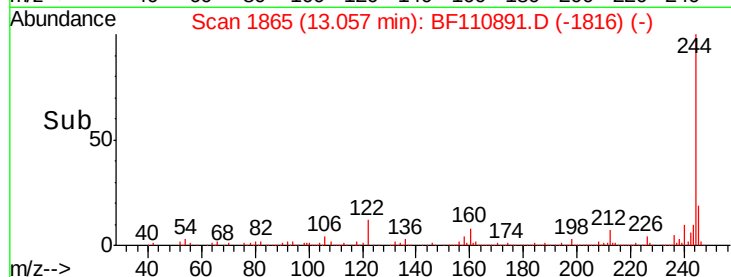
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2308

Delta R.T. 0.01 min

Lab File: BF110891.D

Acq: 20 Nov 2018 13:50

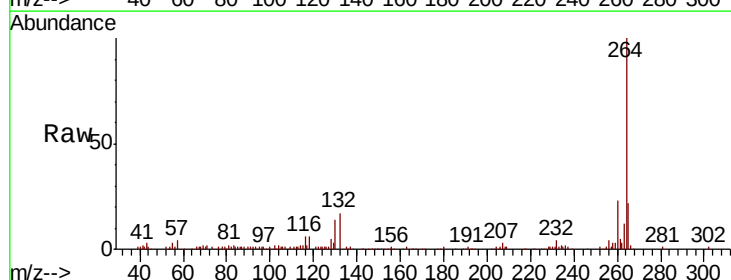
Tgt Ion:264 Resp: 139652

Ion Ratio Lower Upper

264 100

260 22.7 18.7 28.1

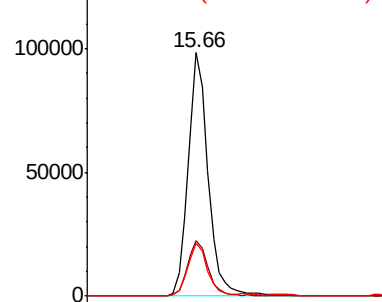
265 21.9 16.7 25.1



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



Time-->

