

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
 Data File : BF110924.D
 Acq On : 21 Nov 2018 13:20
 Operator : JU/SJ
 Sample : J6014-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 14:30:25 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

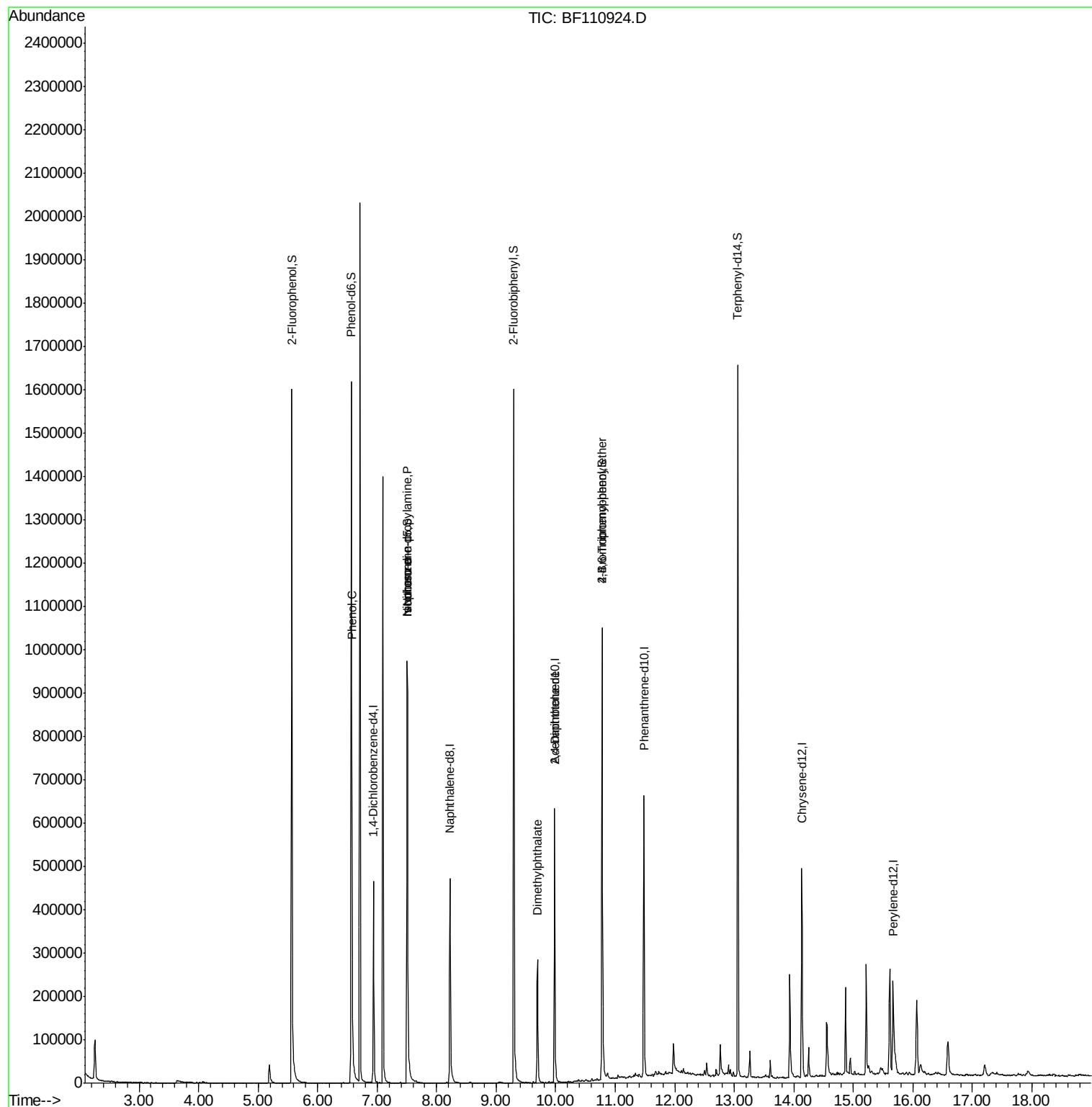
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	65043	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	272768	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	132550	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	262946	20.00	ng	0.00
76) Chrysene-d12	14.13	240	180167	20.00	ng	0.00
87) Perylene-d12	15.67	264	129690	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	477964	119.36	ng	0.00
7) Phenol-d6	6.57	99	597304	116.65	ng	0.00
23) Nitrobenzene-d5	7.50	82	387352	81.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	144875	108.47	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	566646	61.05	ng	-0.01
79) Terphenyl-d14	13.06	244	594220	61.77	ng	0.00
Target Compounds						
9) Benzaldehyde	6.54	77	541	Below Cal		Qvalue # 79
10) Phenol	6.58	94	30261	5.097	ng	# 71
19) n-Nitroso-di-n-propylamine	7.50	70	49987	15.293	ng	# 82
25) Isophorone	7.50	82	387375	49.900	ng	# 67
50) Dimethylphthalate	9.69	163	138589	14.012	ng	98
57) 2,4-Dinitrotoluene	9.98	165	16511	5.837	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	8957	3.082	ng	# 1

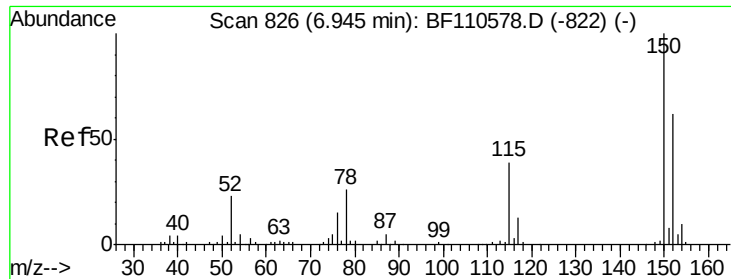
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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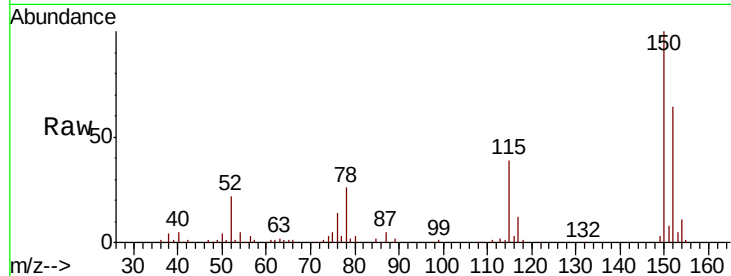


#1

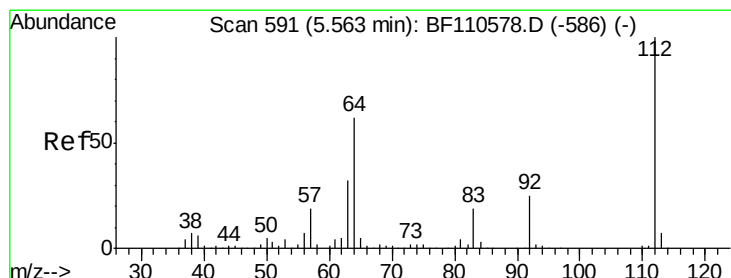
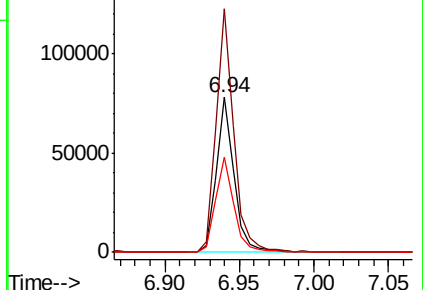
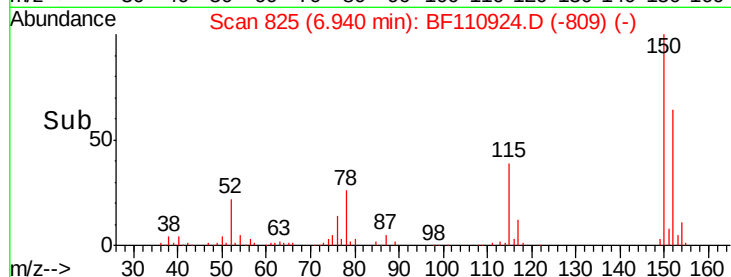
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110924.D
Acq: 21 Nov 2018 13:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 65043
Ion Ratio Lower Upper
152 100
150 156.9 122.7 184.1
115 61.4 49.1 73.7



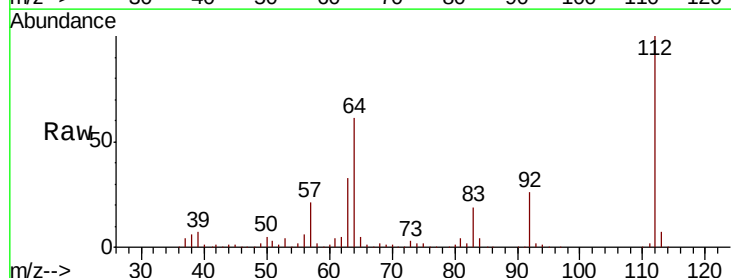
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



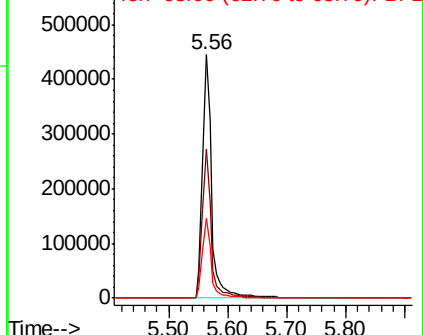
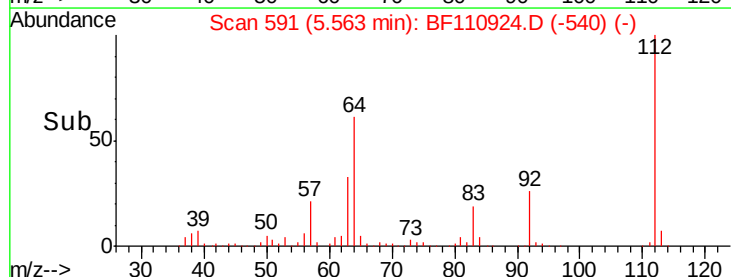
#5

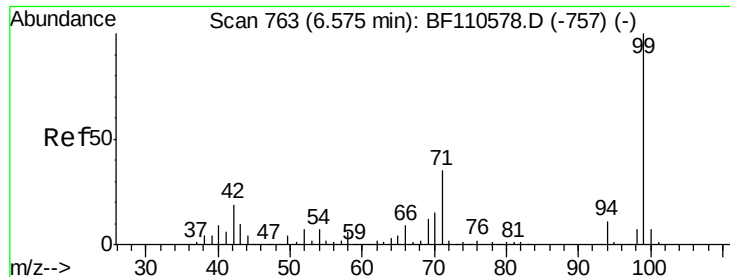
2-Fluorophenol
Concen: 119.362 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110924.D
Acq: 21 Nov 2018 13:20

Tgt Ion:112 Resp: 477964
Ion Ratio Lower Upper
112 100
64 61.3 44.1 66.1
63 33.0 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: 116.648 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110924.D

Acq: 21 Nov 2018 13:20

Instrument :

BNA_F

ClientSampleId :

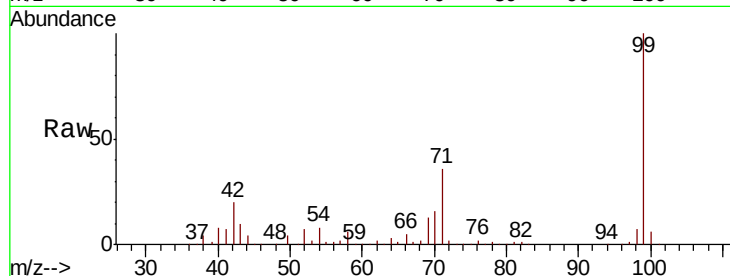
Tot Ion: 99 Resp: 597304

Ion Ratio Lower Upper

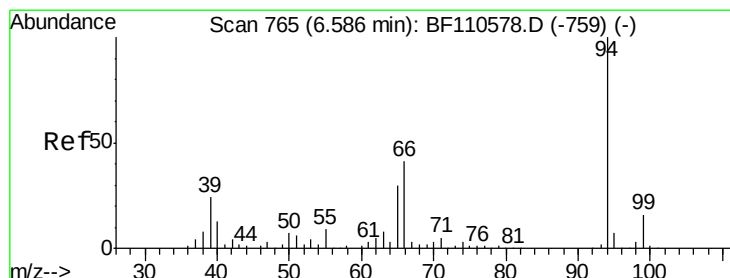
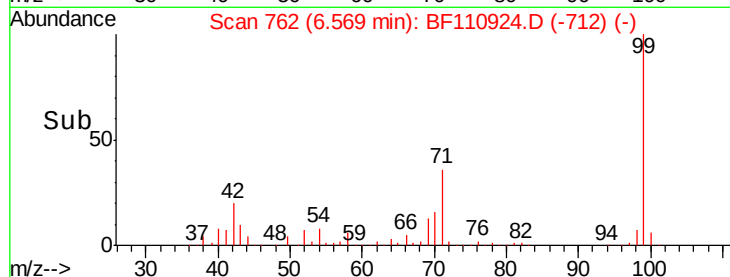
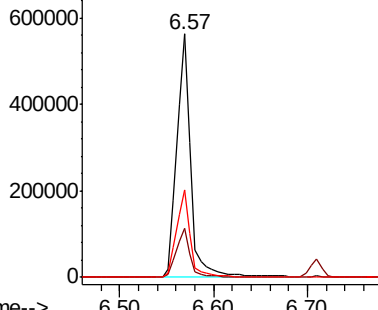
99 100

42 20.0 15.8 23.6

71 36.1 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: 5.097 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110924.D

Acq: 21 Nov 2018 13:20

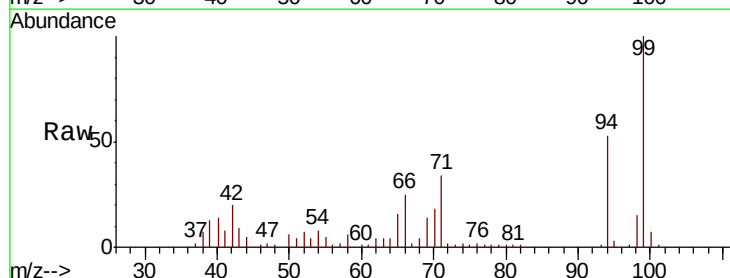
Tgt Ion: 94 Resp: 30261

Ion Ratio Lower Upper

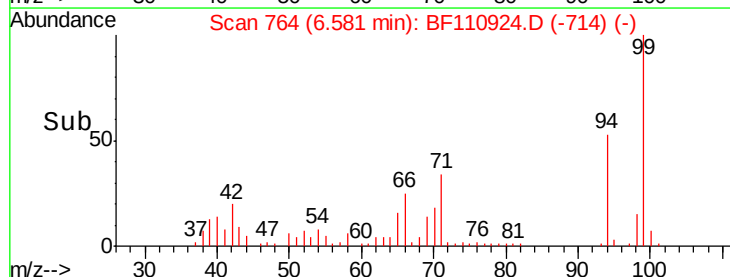
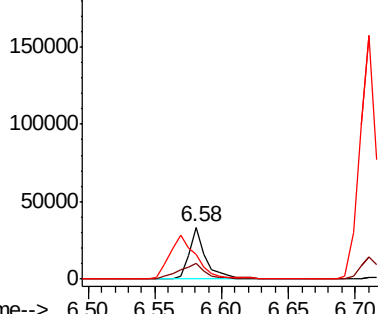
94 100

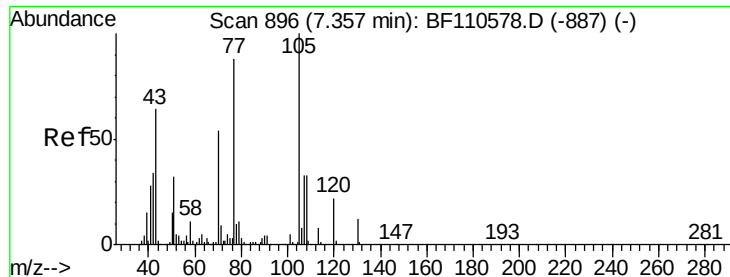
65 30.2 25.3 65.3

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

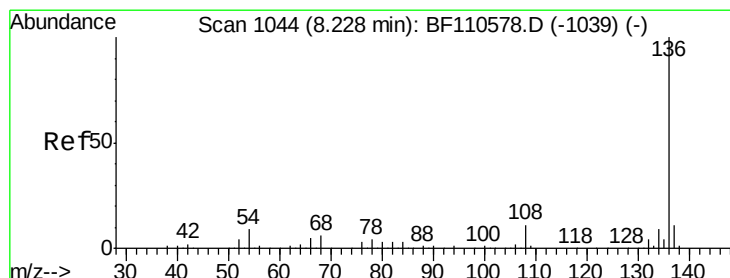
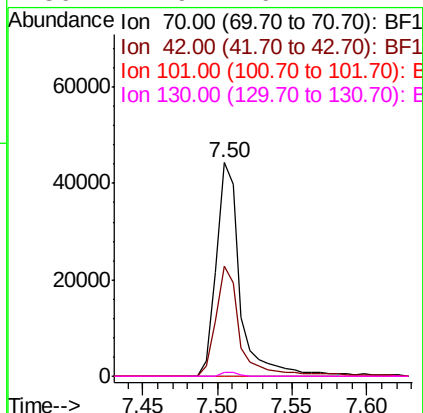
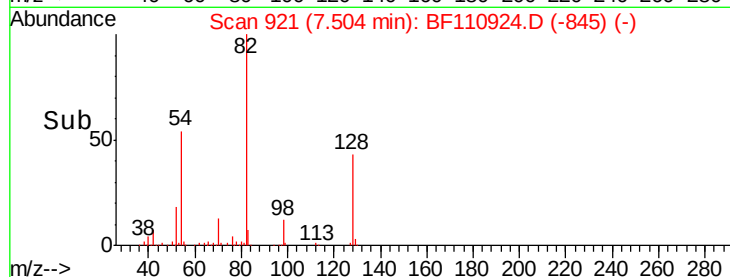
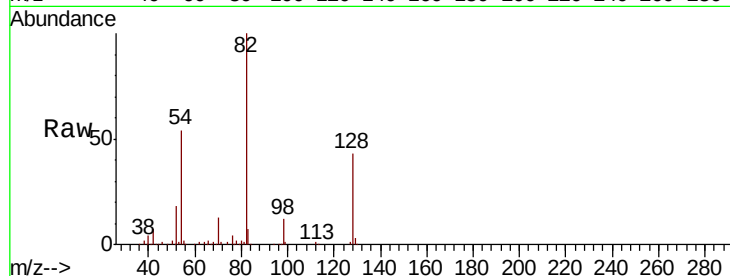




#19
n-Nitroso-di-n-propylamine
Concen: 15.293 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.15 min
Lab File: BF110924.D
Acq: 21 Nov 2018 13:20

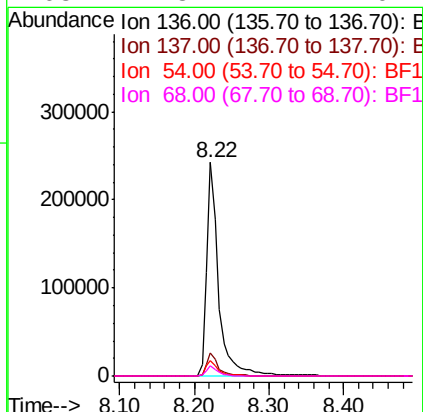
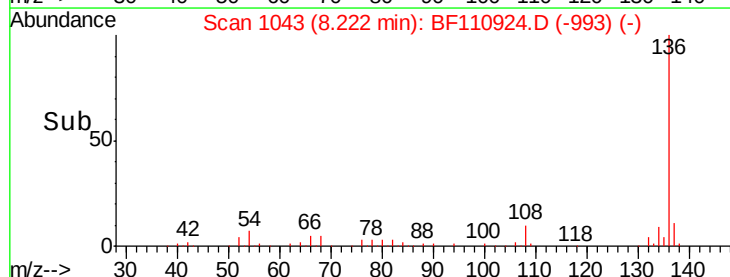
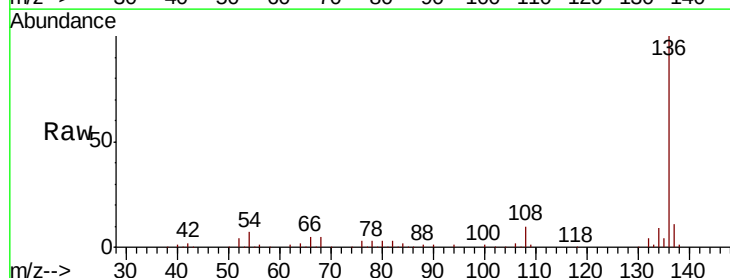
Instrument :
BNA_F
ClientSampleId :

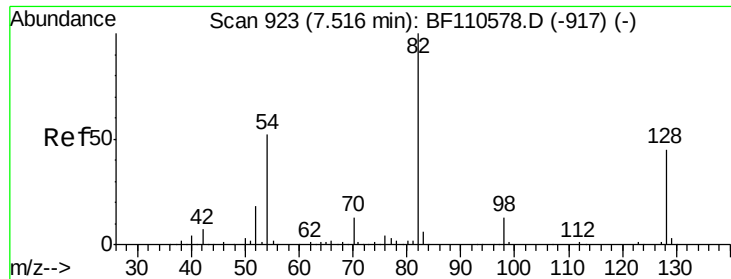
Tot Ion: 70 Resp: 49987
Ion Ratio Lower Upper
70 100
42 51.6 47.4 71.2
101 0.0 7.3 10.9#
130 1.9 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110924.D
Acq: 21 Nov 2018 13:20

Tgt Ion:136 Resp: 272768
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 7.3 5.4 8.2
68 4.8 4.2 6.2

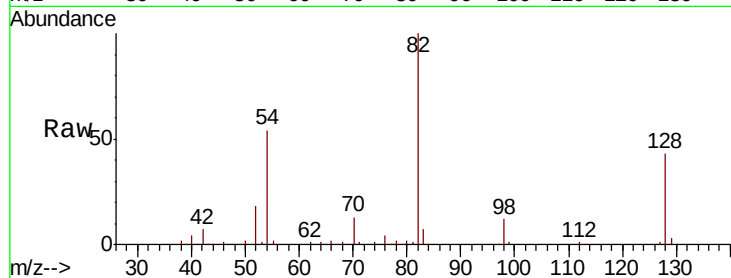




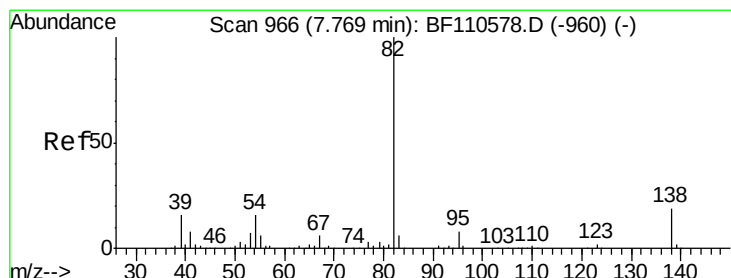
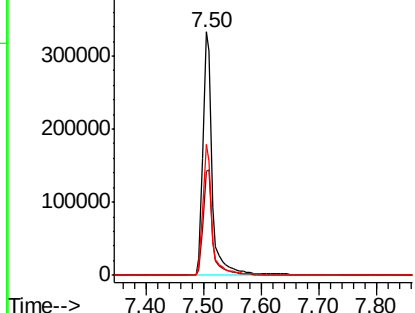
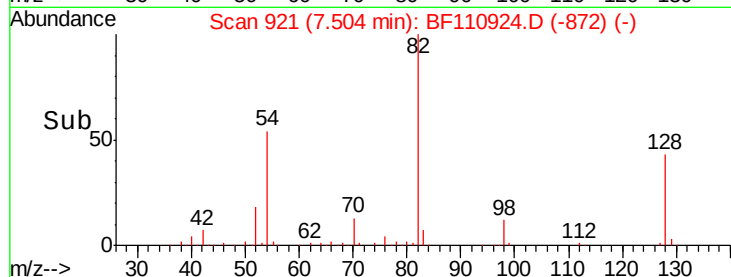
#23
 Nitrobenzene-d5
 Concen: 81.782 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110924.D
 Acq: 21 Nov 2018 13:20

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	387352
Ion Ratio	100	Lower	Upper
128	42.9	34.2	51.2
54	53.6	38.6	58.0

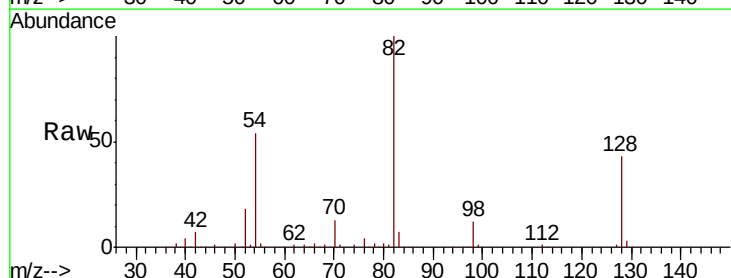


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

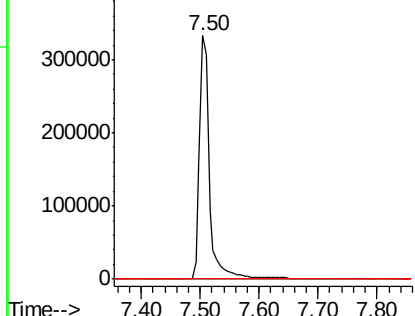
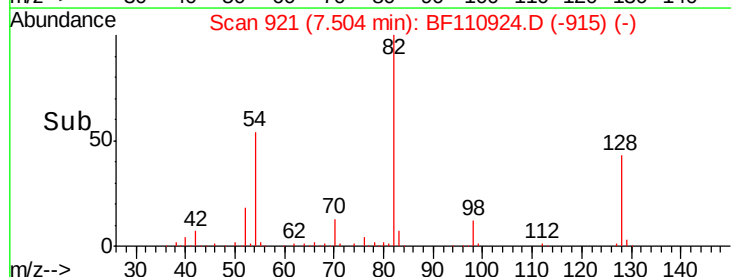


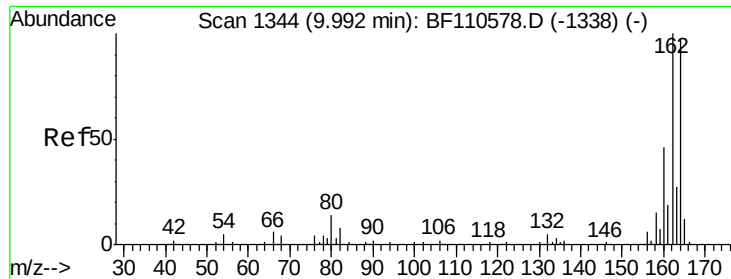
#25
 Isophorone
 Concen: 49.900 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.26 min
 Lab File: BF110924.D
 Acq: 21 Nov 2018 13:20

Tgt Ion	82	Resp	387375
Ion Ratio	100	Lower	Upper
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: BF110924.D

Acq: 21 Nov 2018 13:20

Instrument :

BNA_F

ClientSampleId :

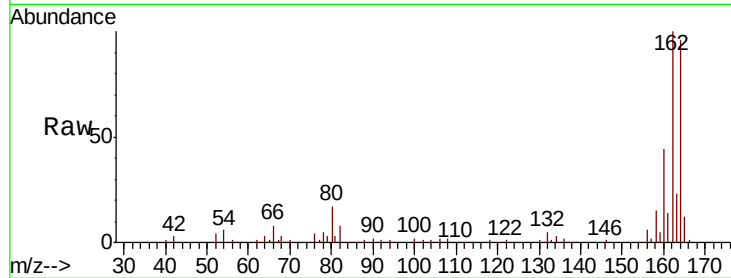
Tot Ion:164 Resp: 132550

Ion Ratio Lower Upper

164 100

162 104.5 83.0 124.6

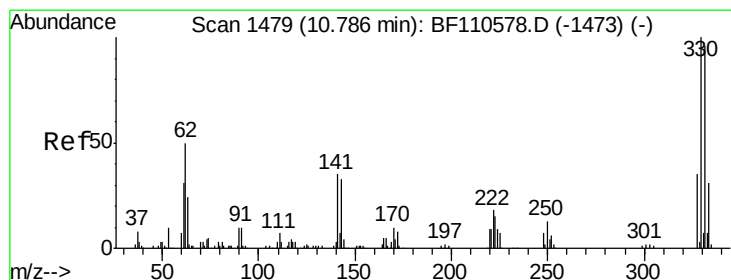
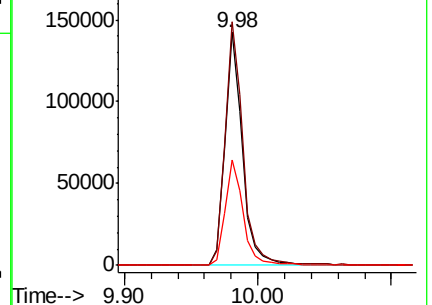
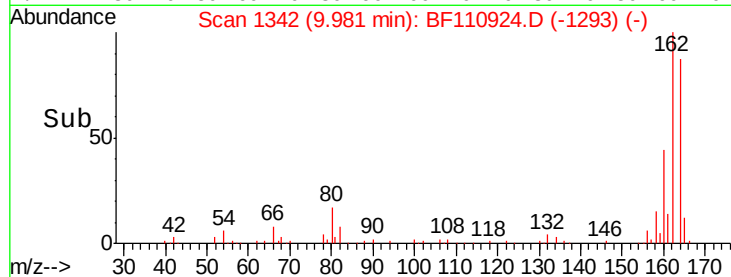
160 45.5 37.0 55.6



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: 108.471 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110924.D

Acq: 21 Nov 2018 13:20

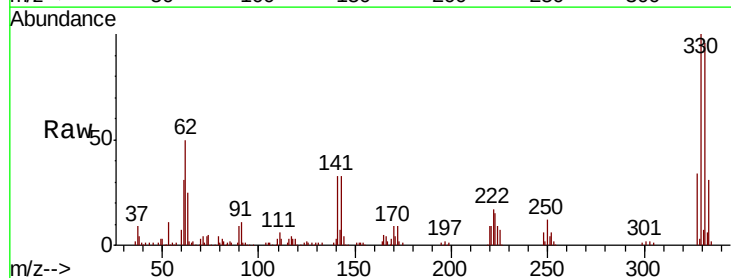
Tgt Ion:330 Resp: 144875

Ion Ratio Lower Upper

330 100

332 95.5 77.1 115.7

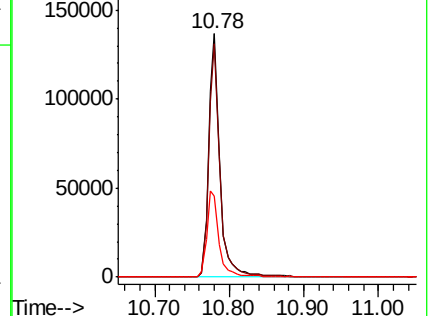
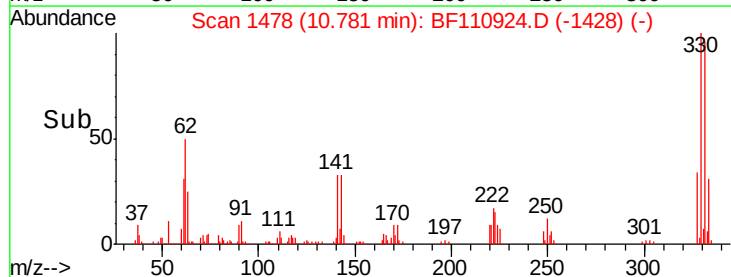
141 38.9 27.0 40.4

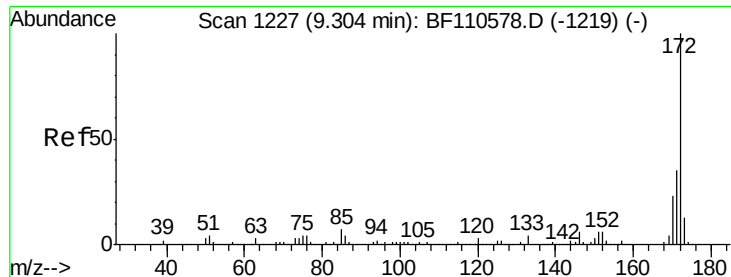


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

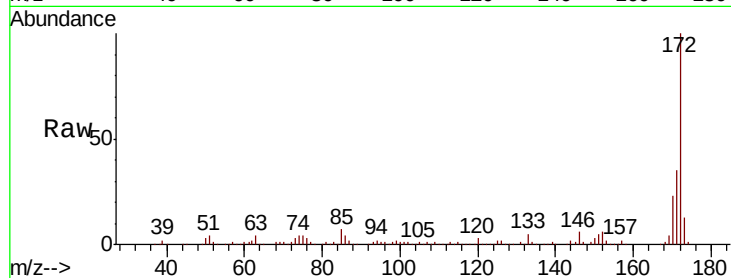




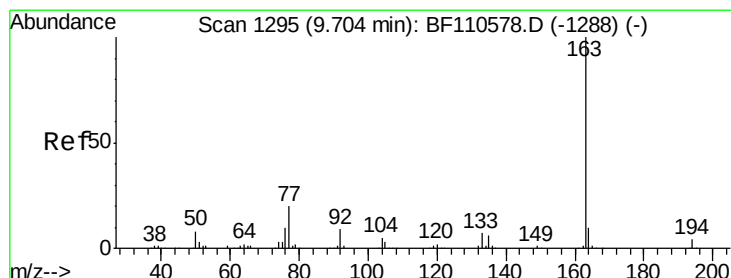
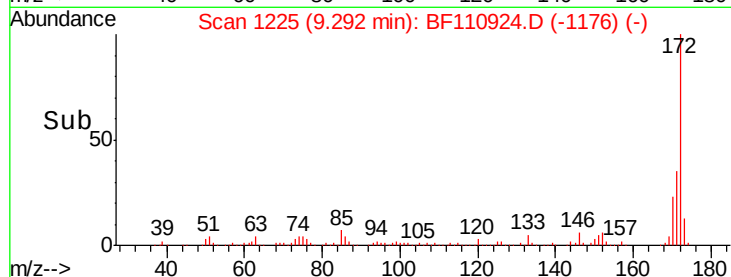
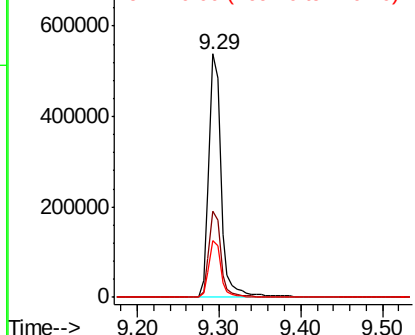
#45
2-Fluorobiphenyl
Concen: 61.054 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF110924.D
Acq: 21 Nov 2018 13:20

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 566646
Ion Ratio Lower Upper
172 100
171 35.5 28.6 43.0
170 23.4 19.7 29.5

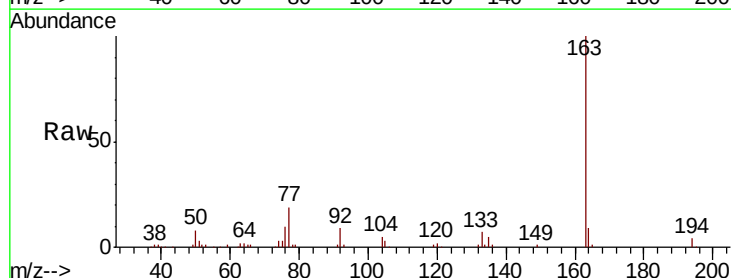


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

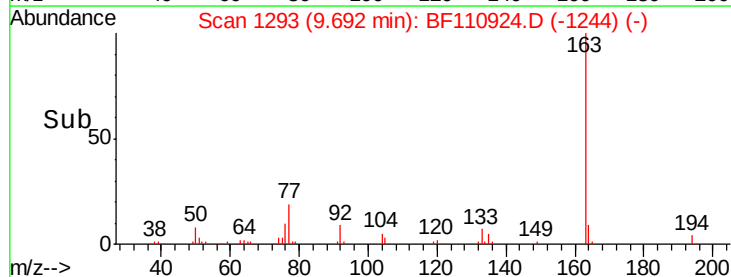
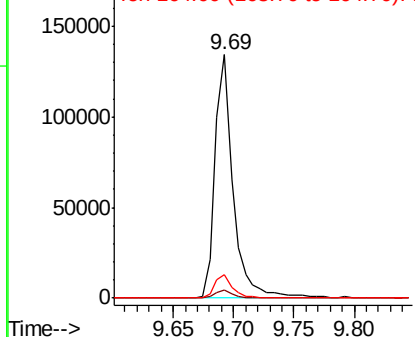


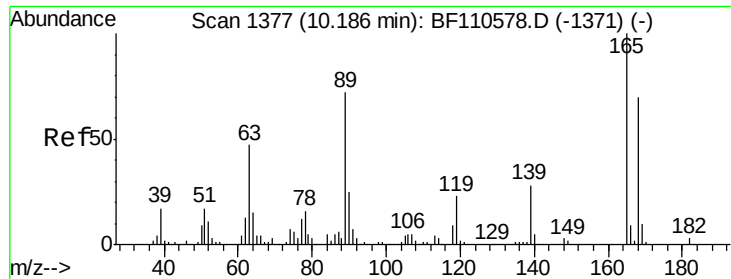
#50
Dimethylphthalate
Concen: 14.012 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110924.D
Acq: 21 Nov 2018 13:20

Tgt Ion:163 Resp: 138589
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 9.4 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

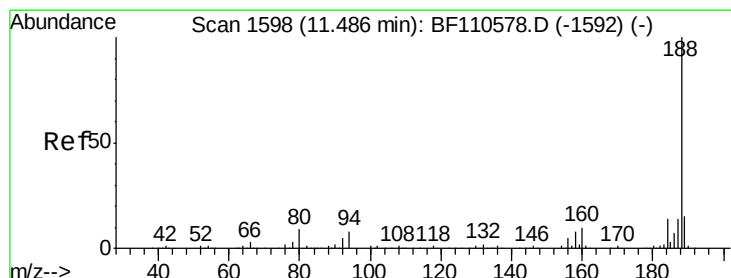
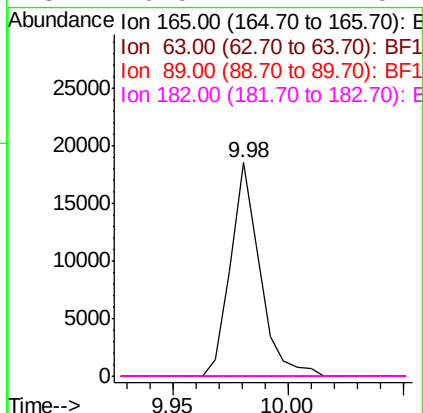
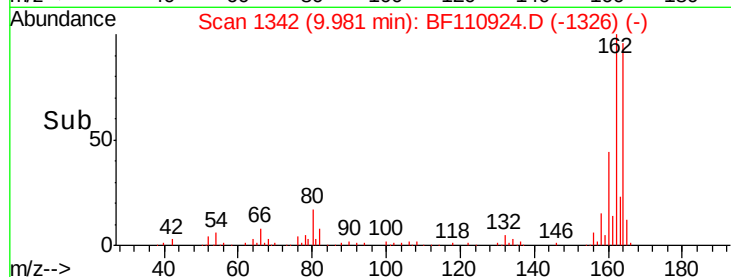
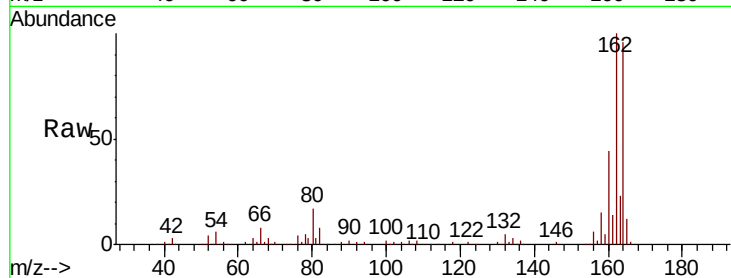




#57
 2,4-Dinitrotoluene
 Concen: 5.837 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110924.D
 Acq: 21 Nov 2018 13:20

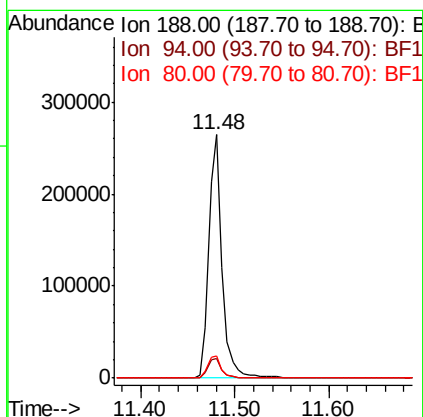
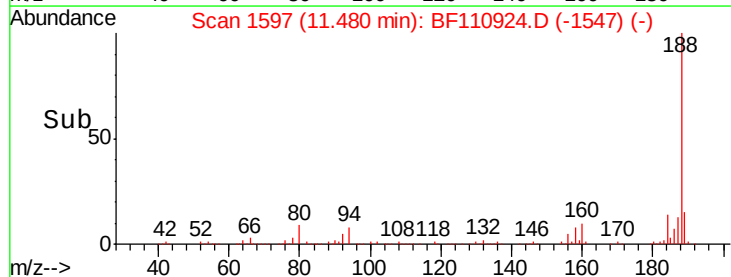
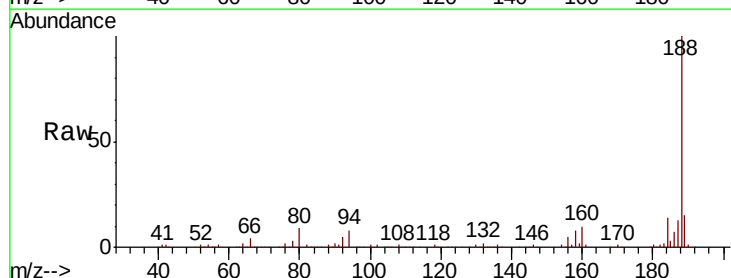
Instrument :
 BNA_F
 ClientSampled :

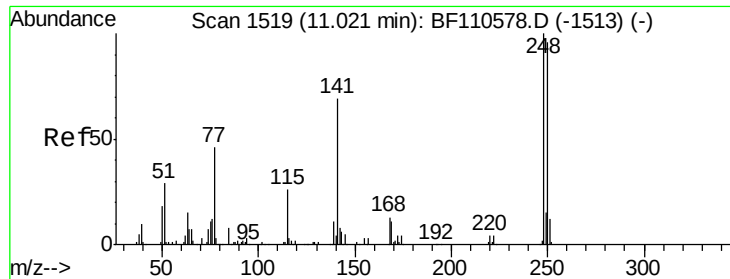
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110924.D
 Acq: 21 Nov 2018 13:20

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	9.1	7.9	11.9

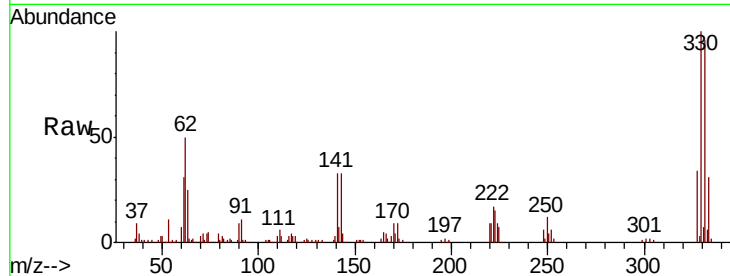




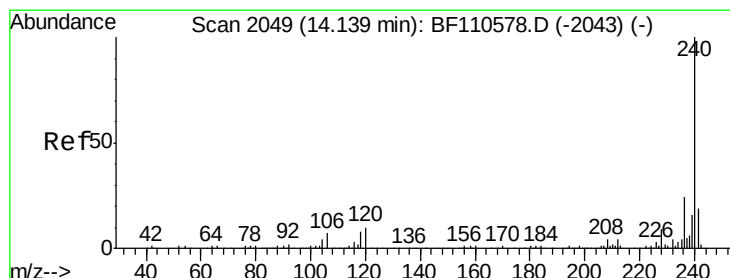
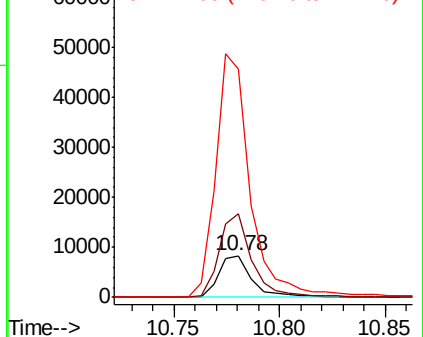
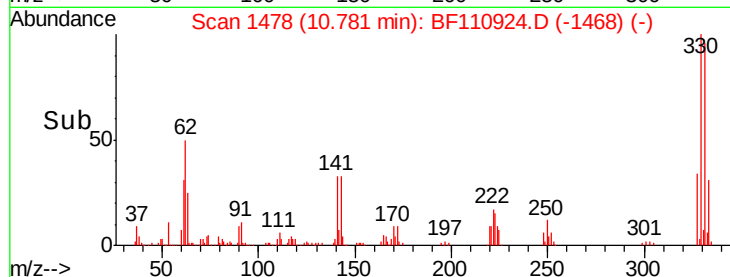
#67
 4-Bromophenyl-phenylether
 Concen: 3.082 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110924.D
 Acq: 21 Nov 2018 13:20

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 8957
 Ion Ratio Lower Upper
 248 100
 250 200.6 79.4 119.2#
 141 548.3 55.9 83.9#

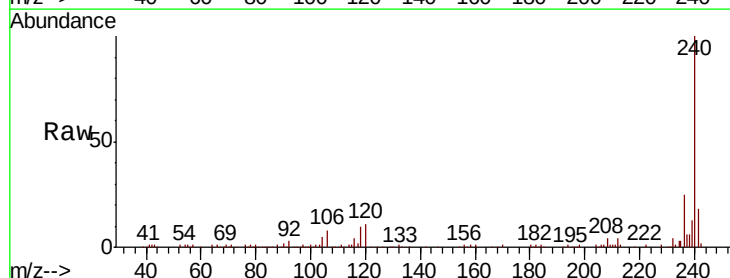


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

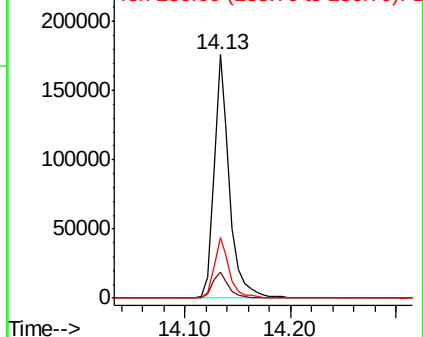
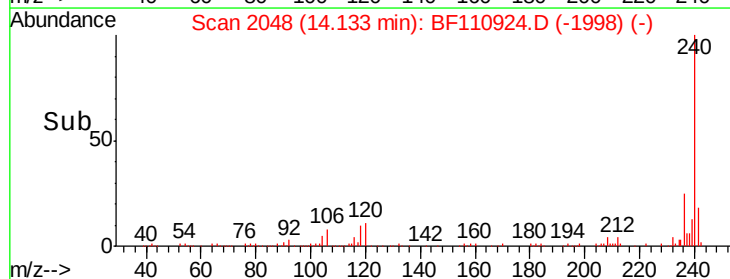


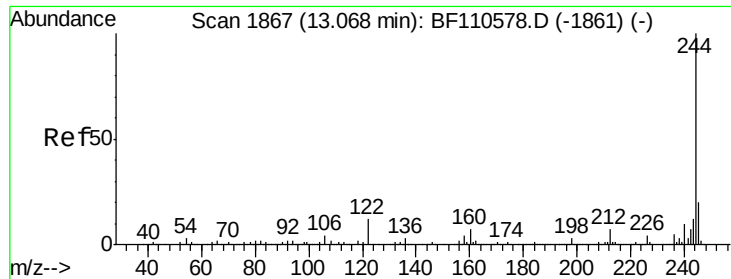
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110924.D
 Acq: 21 Nov 2018 13:20

Tgt Ion:240 Resp: 180167
 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: 61.767 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110924.D

Acq: 21 Nov 2018 13:20

Instrument :

BNA_F

ClientSampleId :

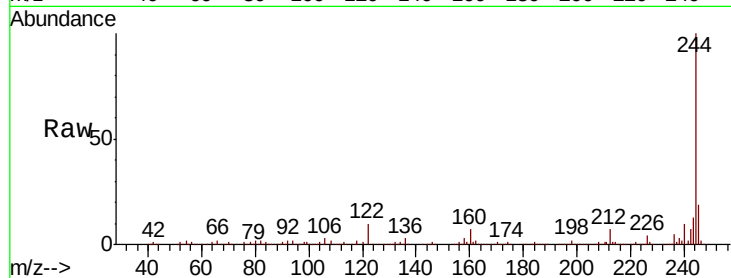
Tot Ion:244 Resp: 594220

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

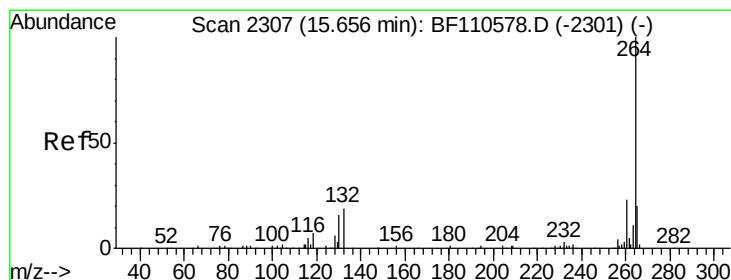
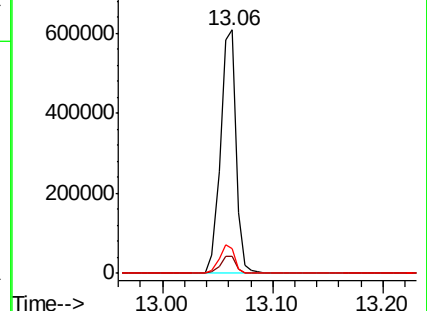
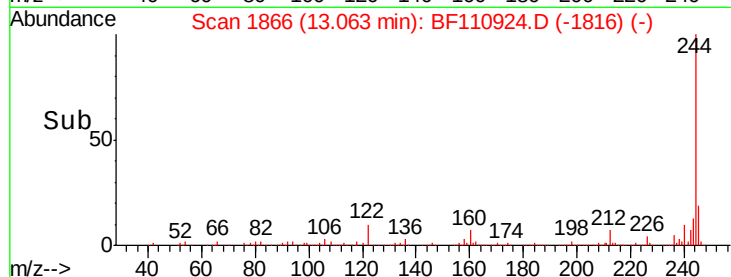
122 10.3 8.7 13.1



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: 15.67 min Scan# 2309

Delta R.T. 0.01 min

Lab File: BF110924.D

Acq: 21 Nov 2018 13:20

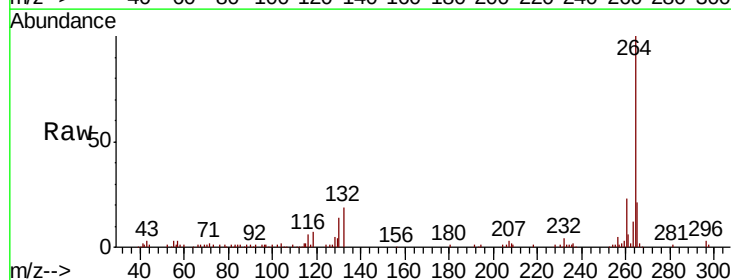
Tgt Ion:264 Resp: 129690

Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 21.1 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

