

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112018\
 Data File : BF110894.D
 Acq On : 20 Nov 2018 15:11
 Operator : JU/SJ
 Sample : J6006-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 20 16:02:56 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

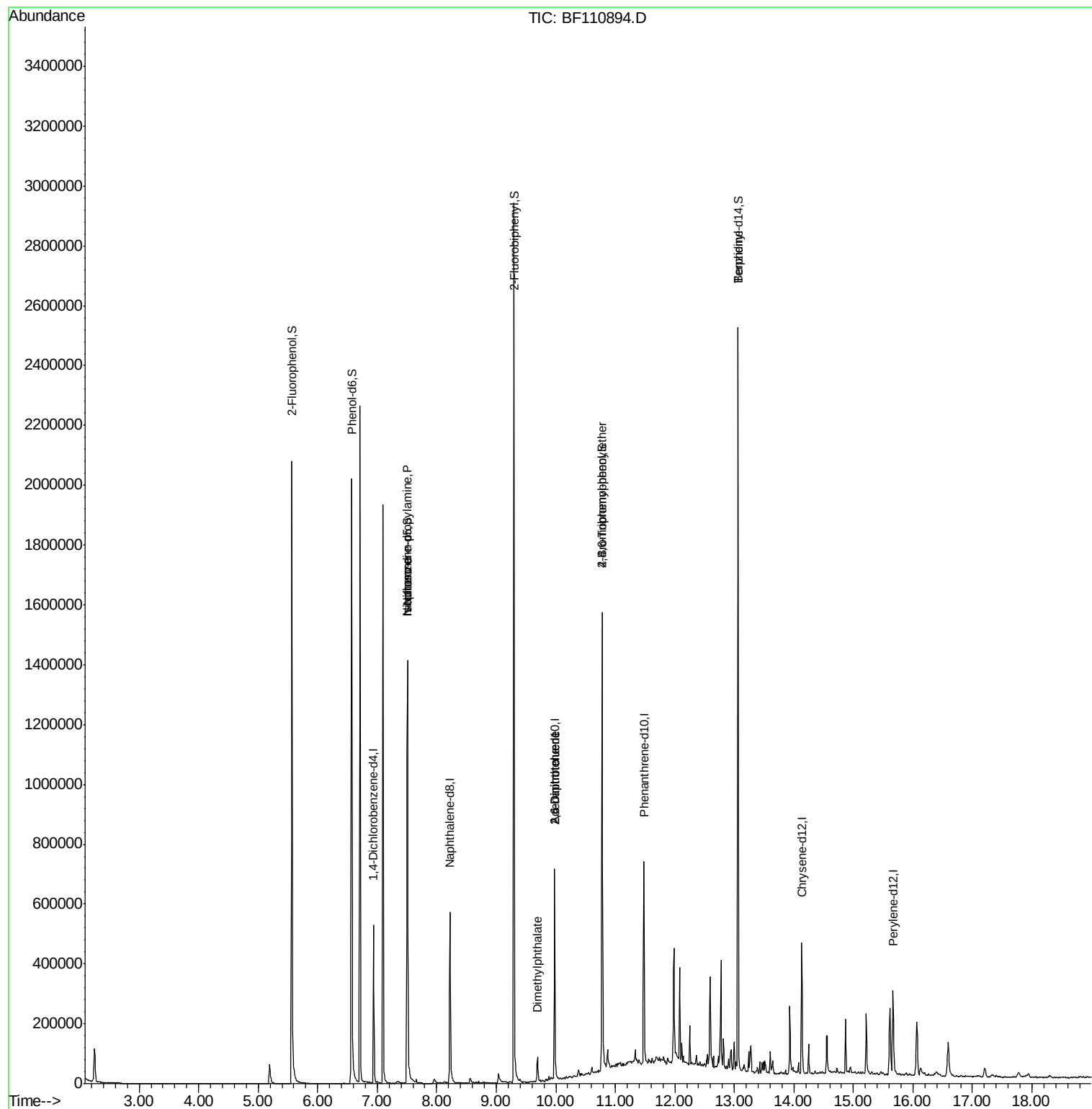
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	73648	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	306909	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	144237	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	268014	20.00	ng	0.00
76) Chrysene-d12	14.13	240	159149	20.00	ng	0.00
87) Perylene-d12	15.66	264	163253	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	615557	135.76	ng	0.00
7) Phenol-d6	6.57	99	775888	133.82	ng	0.00
23) Nitrobenzene-d5	7.51	82	501811	94.16	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	192049	132.14	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	945304	93.60	ng	0.00
79) Terphenyl-d14	13.06	244	785567	92.44	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	1183	Below Cal	Qvalue	
19) n-Nitroso-di-n-propylamine	7.51	70	67487	18.235 ng	#	1
25) Isophorone	7.51	82	501808	57.450 ng	#	79
50) Dimethylphthalate	9.69	163	37765	3.509 ng	#	67
51) 2,6-Dinitrotoluene	9.98	165	19229	8.122 ng	#	97
57) 2,4-Dinitrotoluene	9.98	165	19347	6.285 ng	#	22
67) 4-Bromophenyl-phenylether	10.78	248	12969	4.378 ng	#	18
77) Benzidine	13.06	184	16056	3.669 ng	#	1

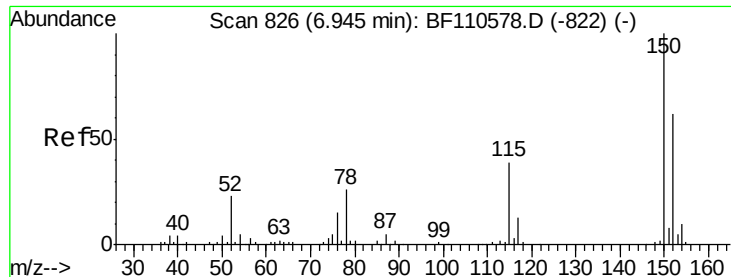
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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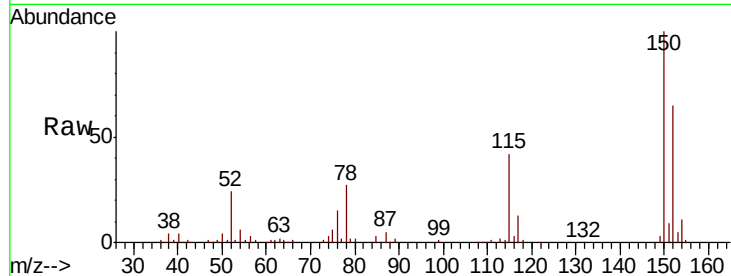


#1

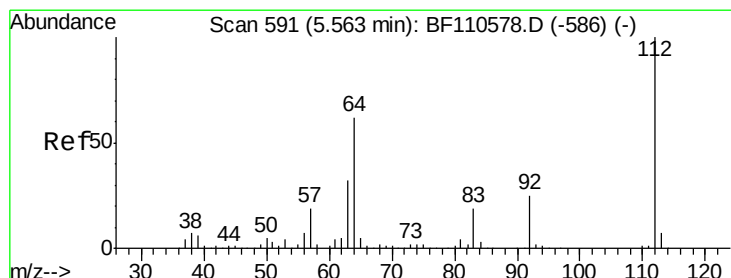
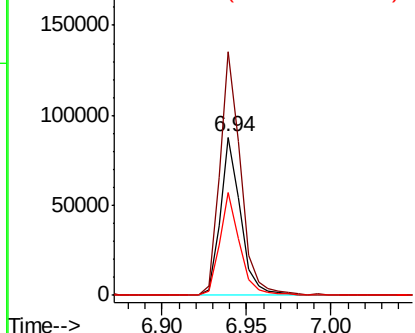
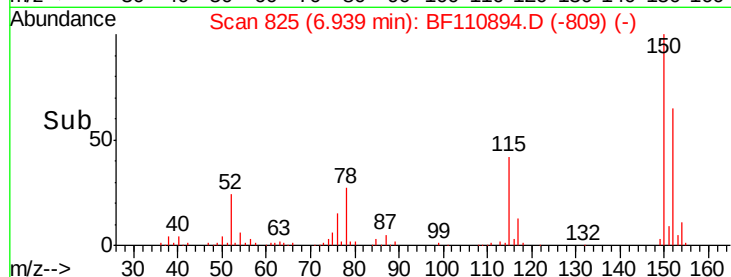
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110894.D
Acq: 20 Nov 2018 15:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 73648
Ion Ratio Lower Upper
152 100
150 154.3 122.7 184.1
115 65.3 49.1 73.7



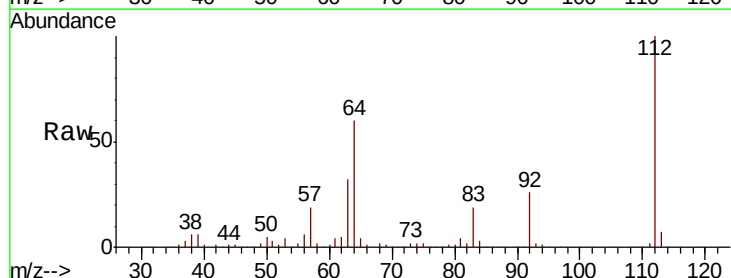
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



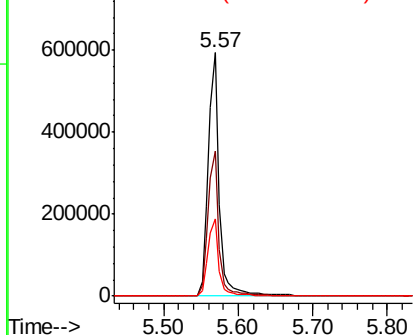
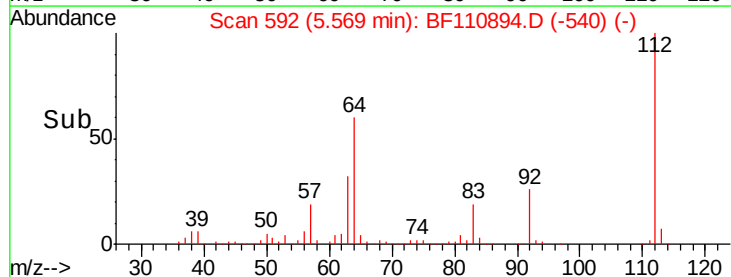
#5

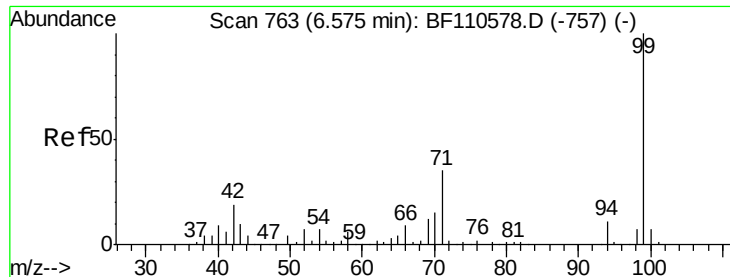
2-Fluorophenol
Concen: 135.762 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110894.D
Acq: 20 Nov 2018 15:11

Tgt Ion:112 Resp: 615557
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: 133.820 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110894.D

Acq: 20 Nov 2018 15:11

Instrument :

BNA_F

ClientSampleId :

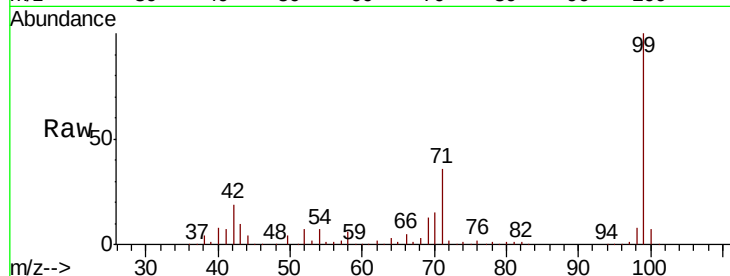
Tot Ion: 99 Resp: 775888

Ion Ratio Lower Upper

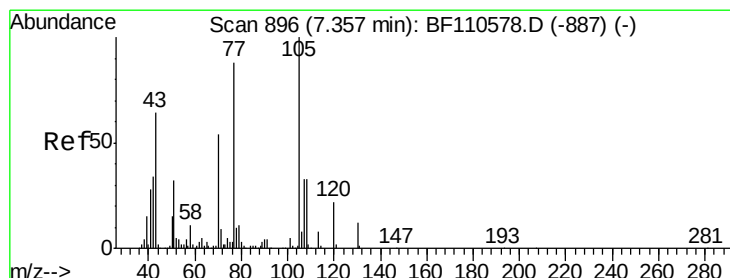
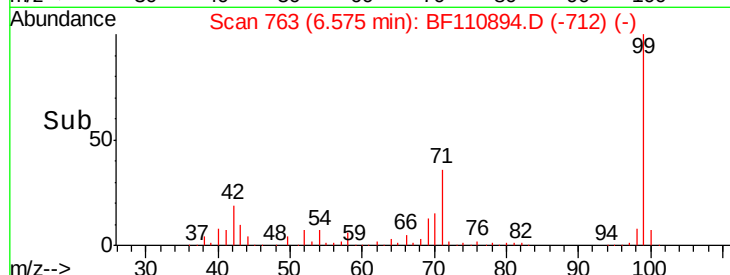
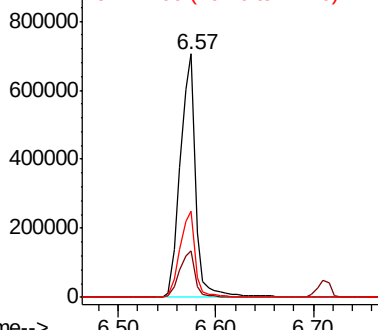
99 100

42 19.3 15.8 23.6

71 35.6 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



#19

n-Nitroso-di-n-propylamine

Concen: 18.235 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110894.D

Acq: 20 Nov 2018 15:11

Tgt Ion: 70 Resp: 67487

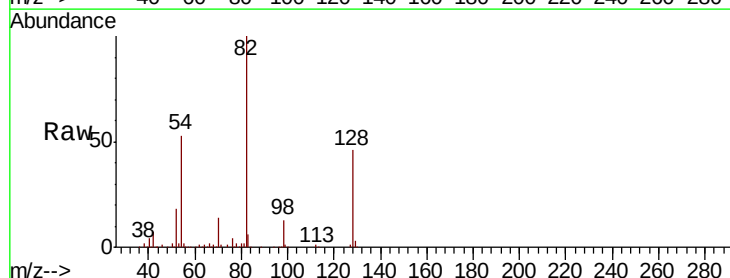
Ion Ratio Lower Upper

70 100

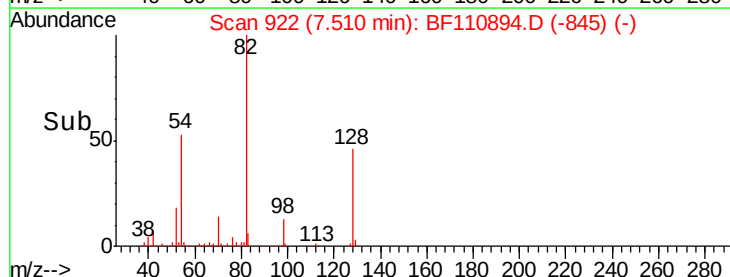
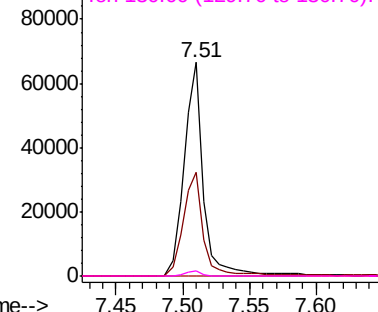
42 48.6 47.4 71.2

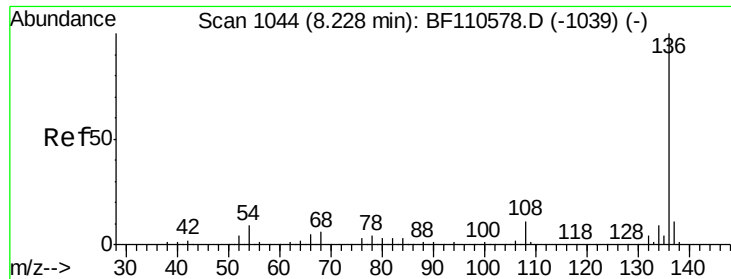
101 0.0 7.3 10.9#

130 2.2 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): B
Ion 130.00 (129.70 to 130.70): B

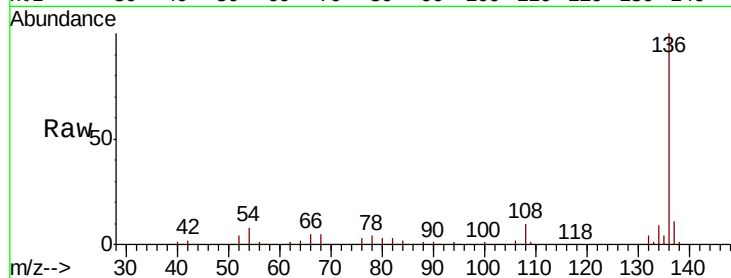




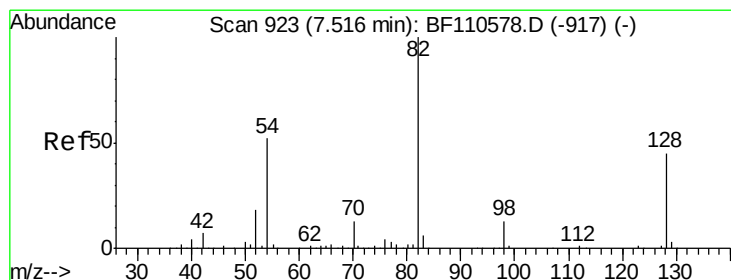
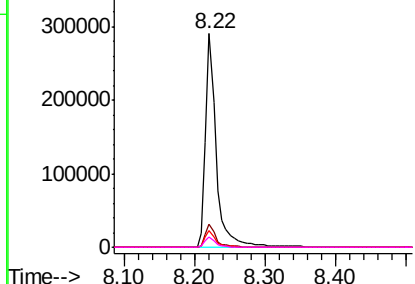
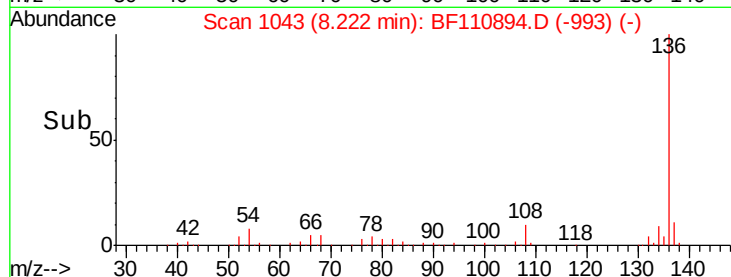
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110894.D
Acq: 20 Nov 2018 15:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	306909
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.8 13.2
54	7.8	5.4 8.2
68	4.7	4.2 6.2

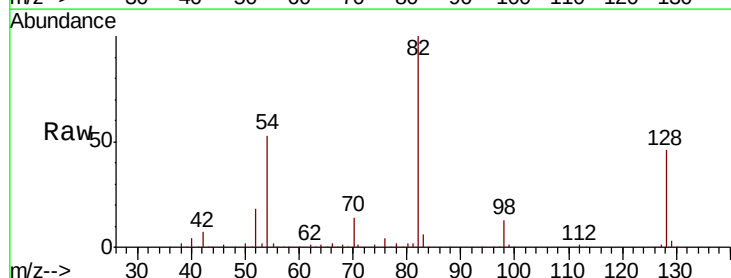


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

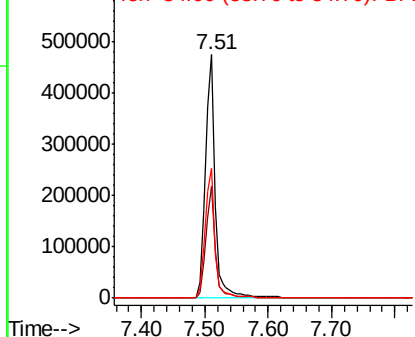
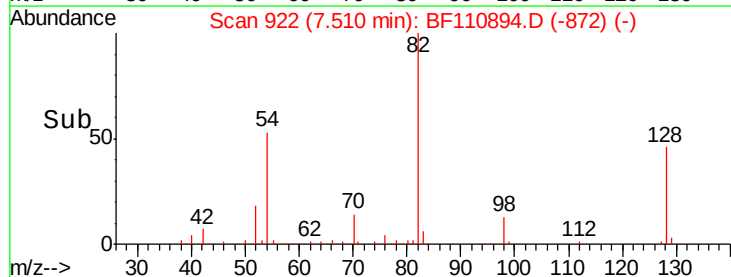


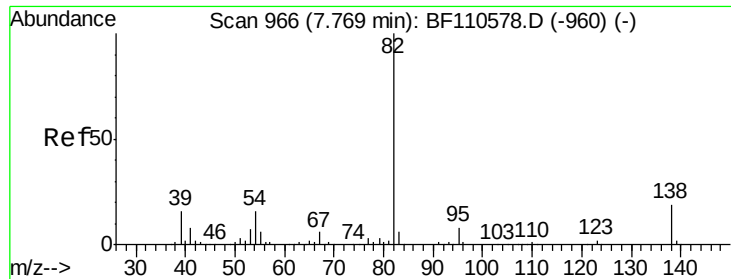
#23
Nitrobenzene-d5
Concen: 94.162 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110894.D
Acq: 20 Nov 2018 15:11

Tgt Ion: 82	Resp:	501811
Ion	Ratio	Lower Upper
82	100	
128	45.9	34.2 51.2
54	53.3	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: 57.450 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110894.D

Acq: 20 Nov 2018 15:11

Instrument :

BNA_F

ClientSampleId :

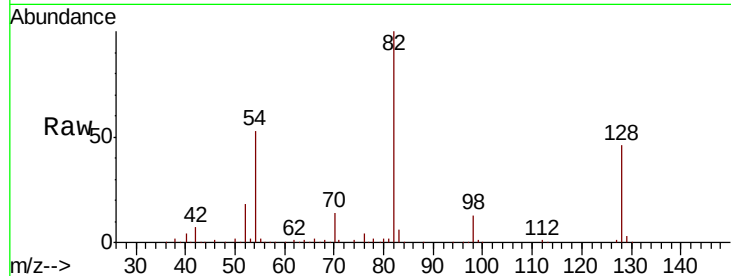
Tot Ion: 82 Resp: 501808

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

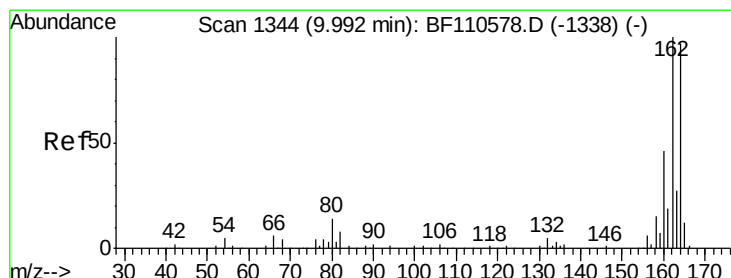
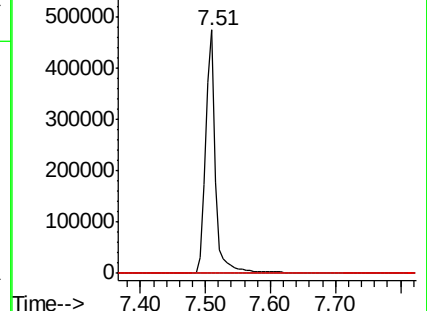
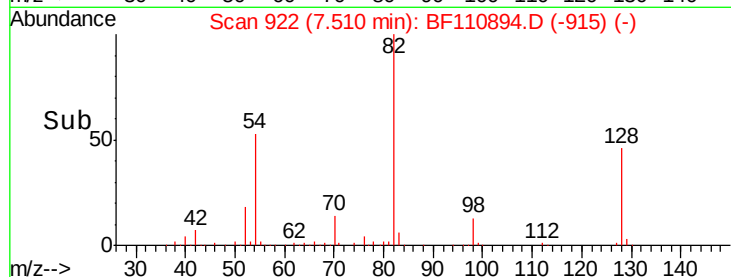
138 0.0 13.2 19.8#



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: BF110894.D

Acq: 20 Nov 2018 15:11

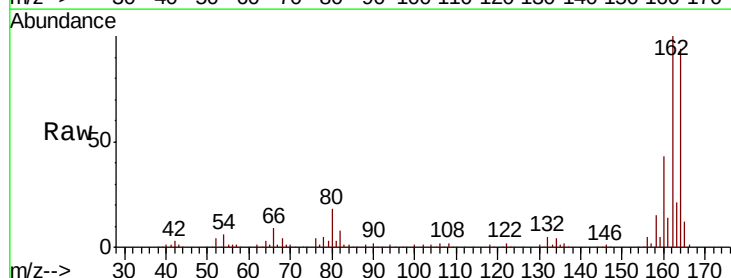
Tgt Ion:164 Resp: 144237

Ion Ratio Lower Upper

164 100

162 106.0 83.0 124.6

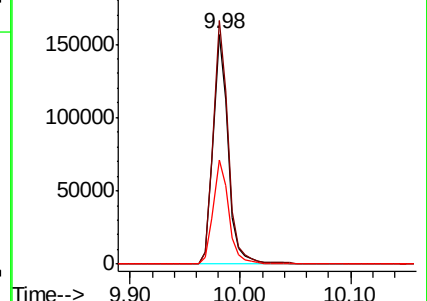
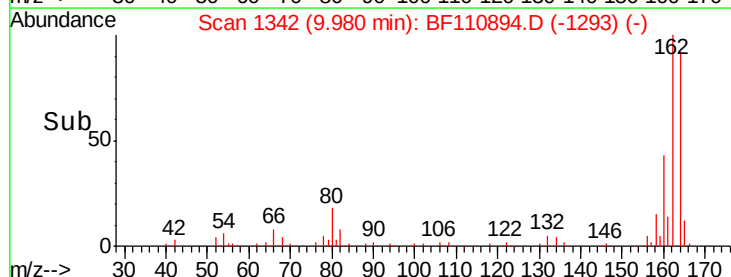
160 45.5 37.0 55.6

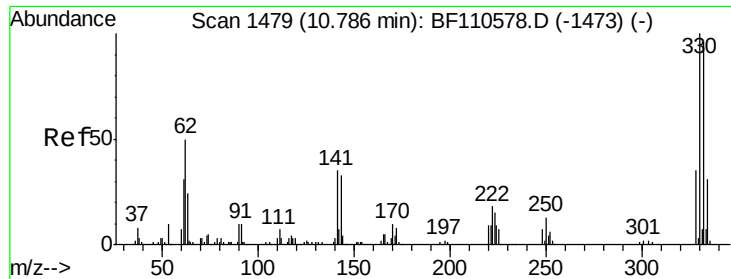


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 132.141 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110894.D

Acq: 20 Nov 2018 15:11

Instrument :

BNA_F

ClientSampled :

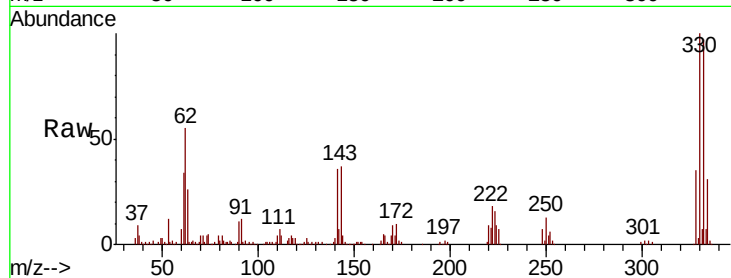
Tot Ion:330 Resp: 192049

Ion Ratio Lower Upper

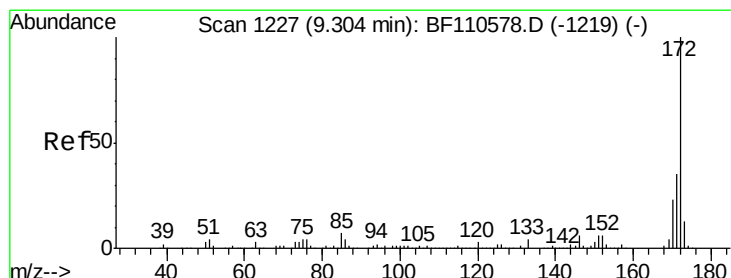
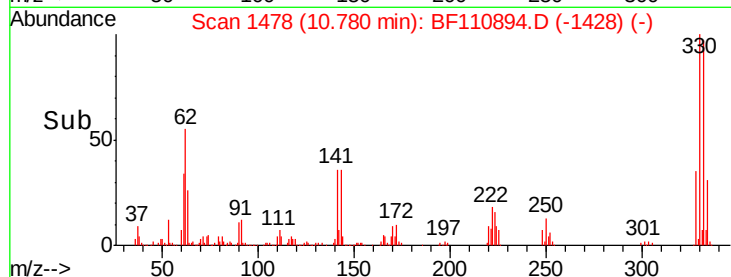
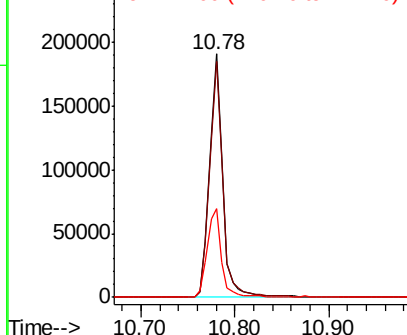
330 100

332 97.7 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: 93.601 ng

RT: 9.30 min Scan# 1226

Delta R.T. -0.01 min

Lab File: BF110894.D

Acq: 20 Nov 2018 15:11

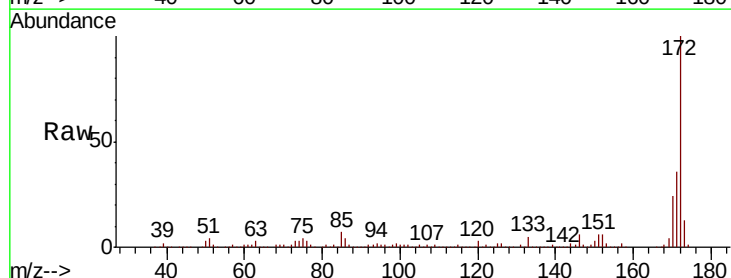
Tgt Ion:172 Resp: 945304

Ion Ratio Lower Upper

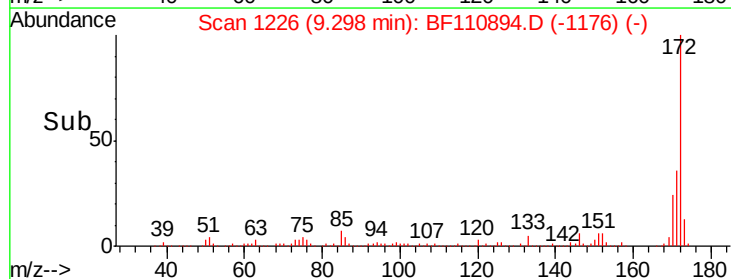
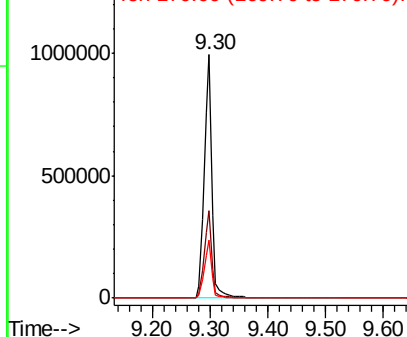
172 100

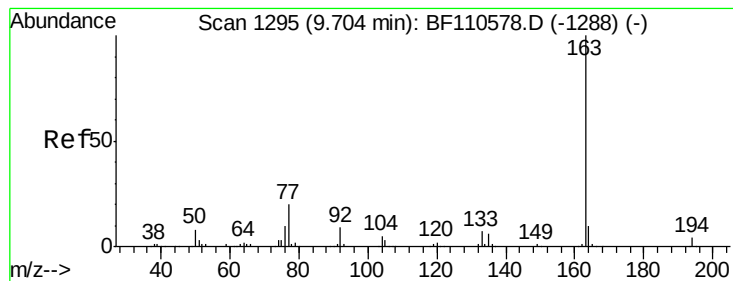
171 36.1 28.6 43.0

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





#50

Dimethylphthalate

Concen: 3.509 ng

RT: 9.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BF110894.D

Acq: 20 Nov 2018 15:11

Instrument :

BNA_F

ClientSampleId :

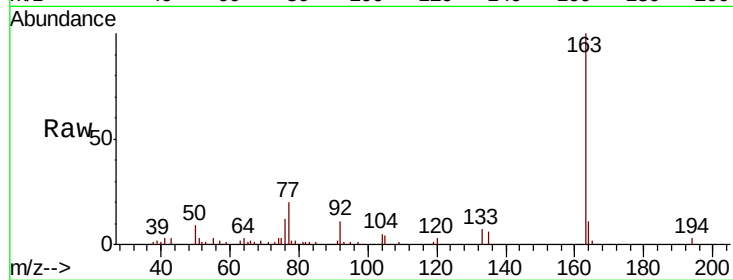
Tot Ion:163 Resp: 37765

Ion Ratio Lower Upper

163 100

194 3.3 3.2 4.8

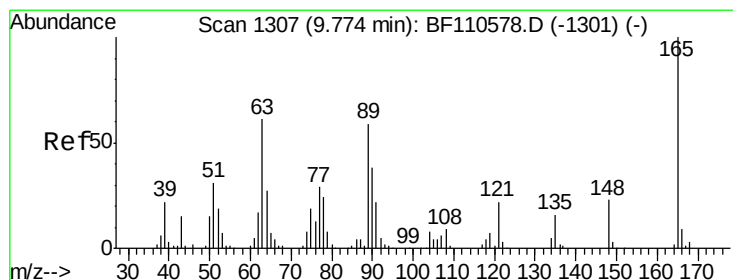
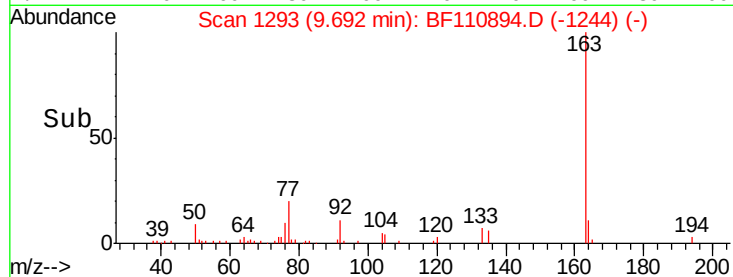
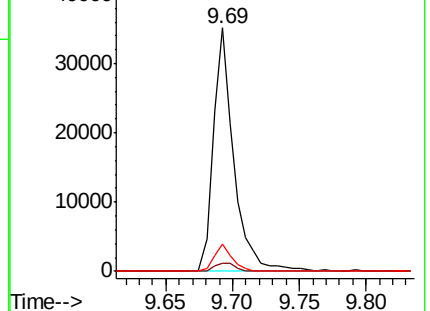
164 11.1 8.1 12.1



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: 8.122 ng

RT: 9.98 min Scan# 1342

Delta R.T. 0.21 min

Lab File: BF110894.D

Acq: 20 Nov 2018 15:11

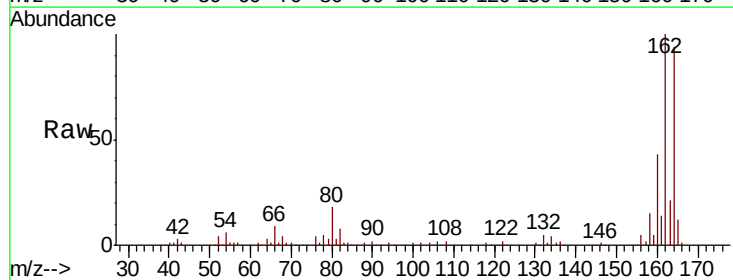
Tgt Ion:165 Resp: 19229

Ion Ratio Lower Upper

165 100

63 1.6 48.9 73.3#

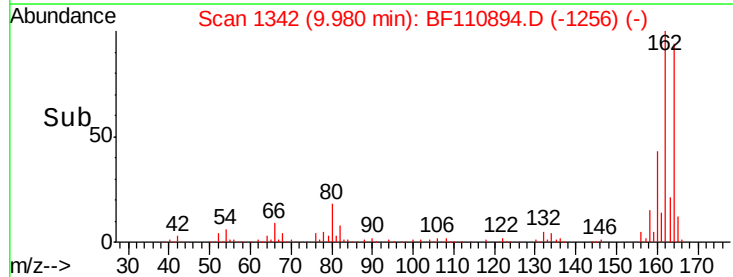
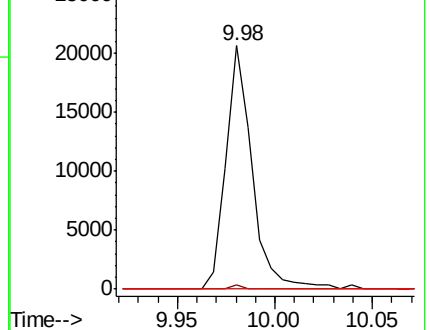
89 0.0 46.6 69.8#

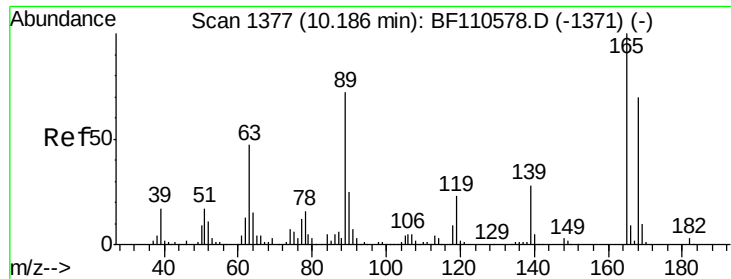


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

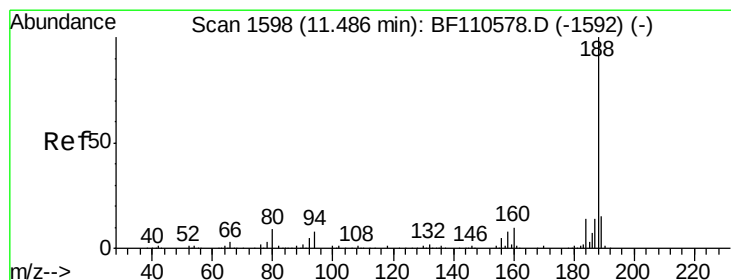
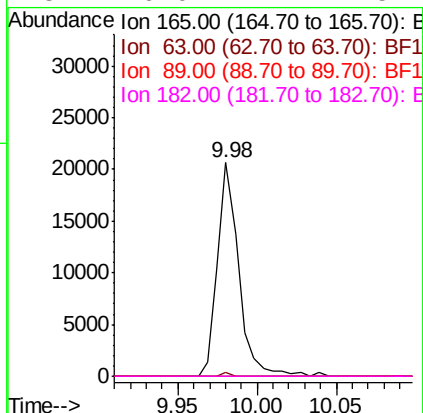
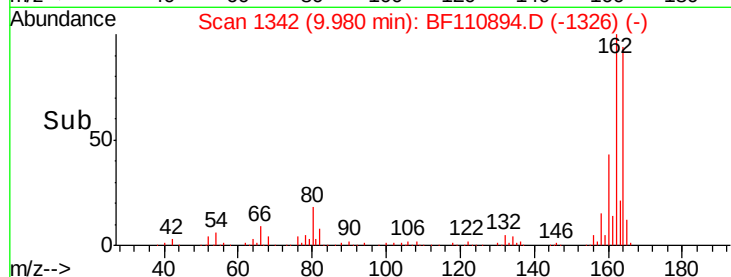
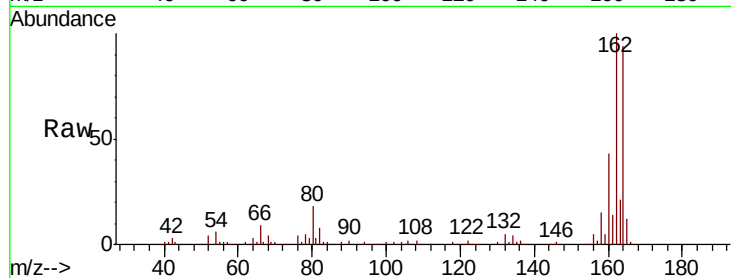




#57
 2,4-Dinitrotoluene
 Concen: 6.285 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110894.D
 Acq: 20 Nov 2018 15:11

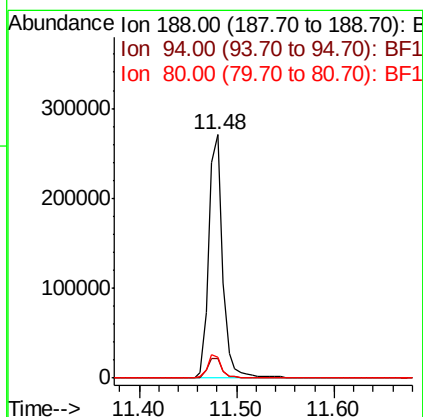
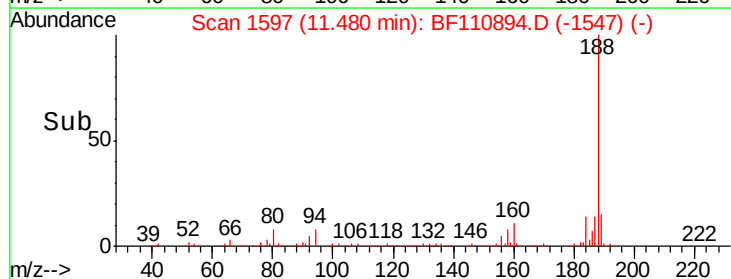
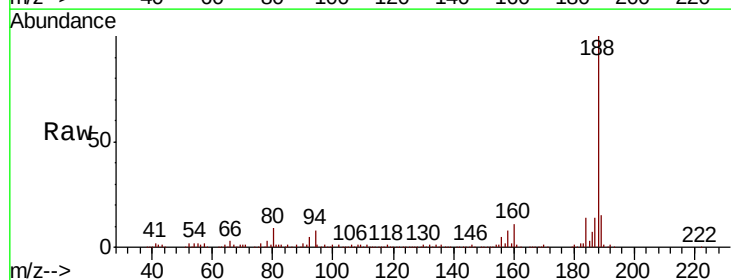
Instrument :
 BNA_F
 ClientSampleId :

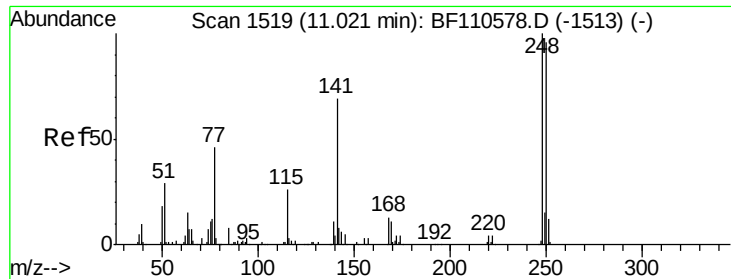
Tot Ion:165	Resp:	19347
Ion Ratio	Lower	Upper
165	100	
63	1.6	44.8 67.2#
89	0.0	62.2 93.4#
182	0.0	2.1 3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110894.D
 Acq: 20 Nov 2018 15:11

Tgt Ion:188	Resp:	268014
Ion Ratio	Lower	Upper
188	100	
94	8.0	7.2 10.8
80	8.5	7.9 11.9

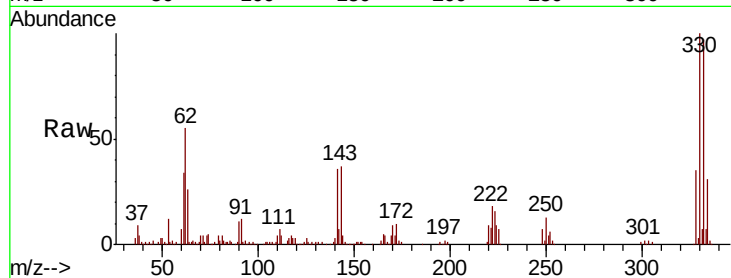




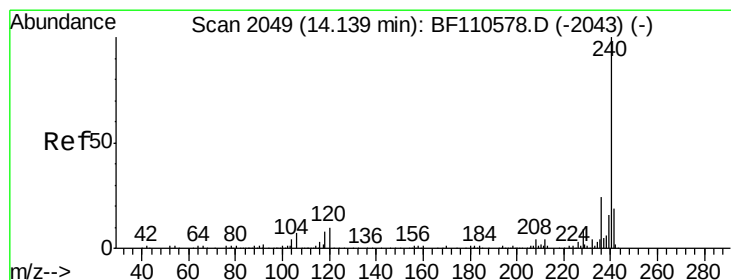
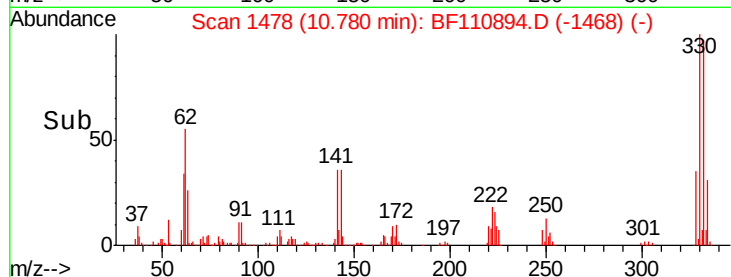
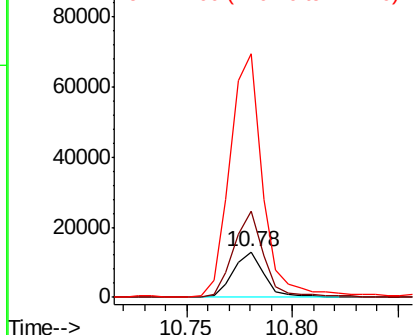
#67
4-Bromophenyl-phenylether
Concen: 4.378 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110894.D
Acq: 20 Nov 2018 15:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 12969
Ion Ratio Lower Upper
248 100
250 190.0 79.4 119.2#
141 536.1 55.9 83.9#

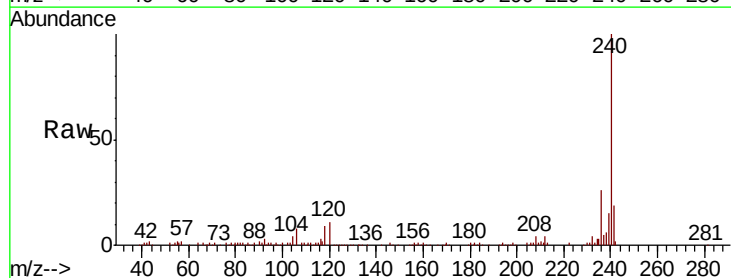


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

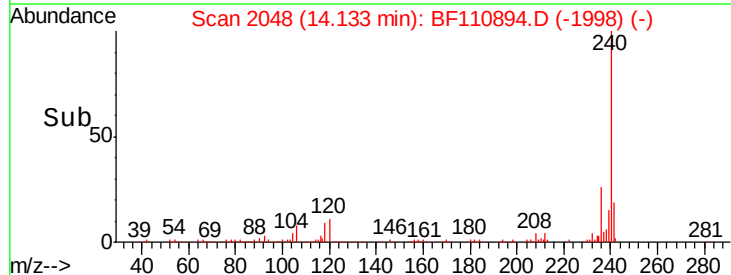
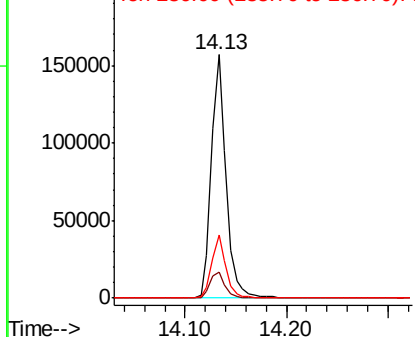


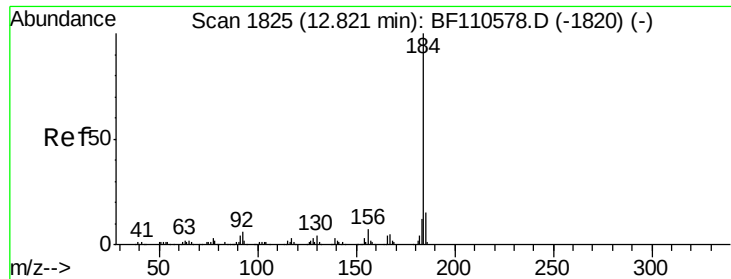
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110894.D
Acq: 20 Nov 2018 15:11

Tgt Ion:240 Resp: 159149
Ion Ratio Lower Upper
240 100
120 10.8 8.3 12.5
236 26.1 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





#77

Benzidine

Concen: 3.669 ng

RT: 13.06 min Scan# 1866

Delta R.T. 0.24 min

Lab File: BF110894.D

Acq: 20 Nov 2018 15:11

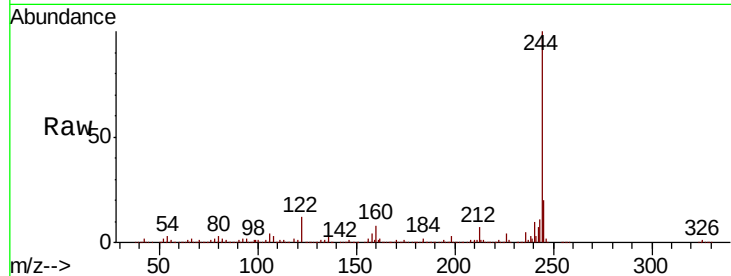
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 16056

Ion	Ratio	Lower	Upper
184	100		
185	17.4	13.4	20.2
183	12.7	9.4	14.2

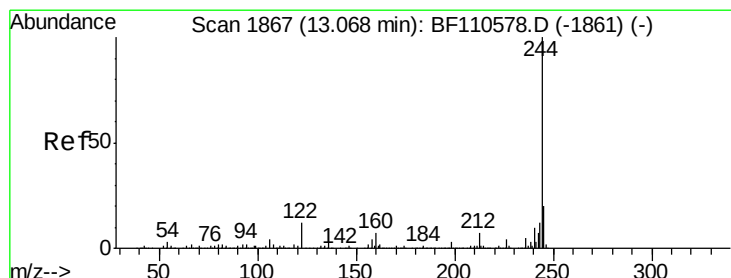
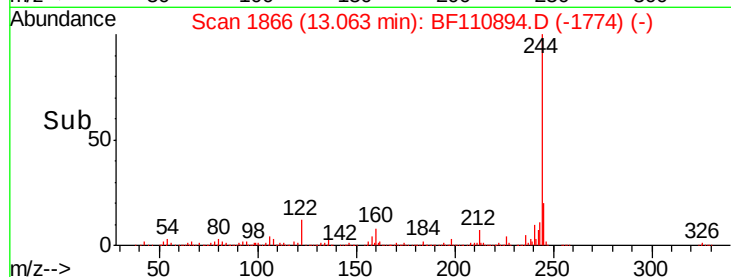
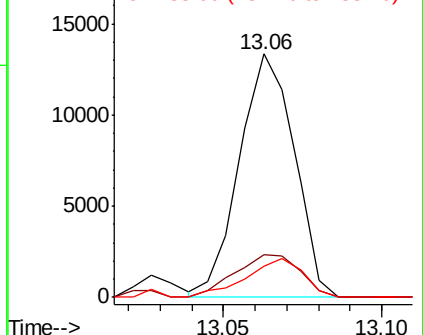


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 92.441 ng

RT: 13.06 min Scan# 1866

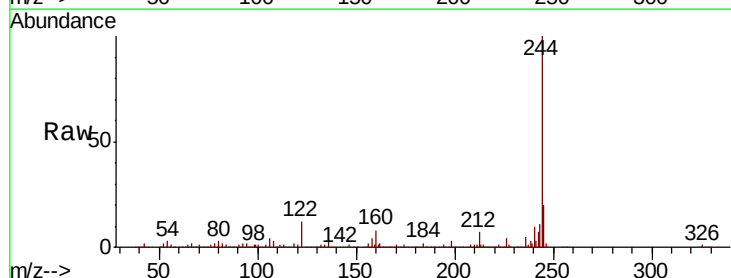
Delta R.T. -0.01 min

Lab File: BF110894.D

Acq: 20 Nov 2018 15:11

Tgt Ion:244 Resp: 785567

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	12.5	8.7	13.1

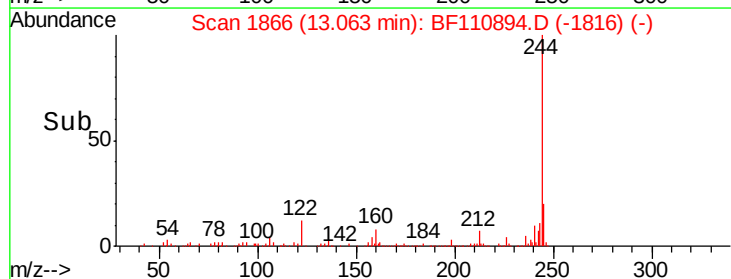
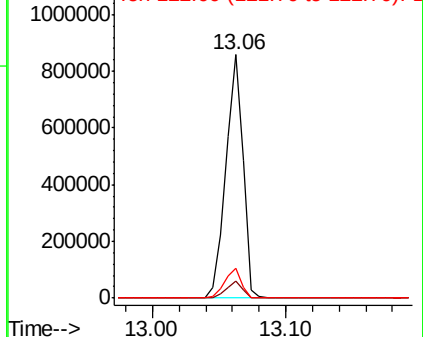


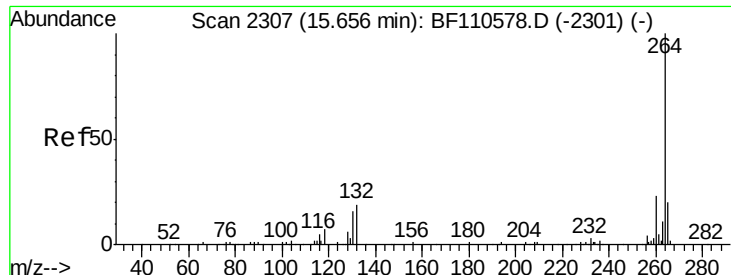
Abundance

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

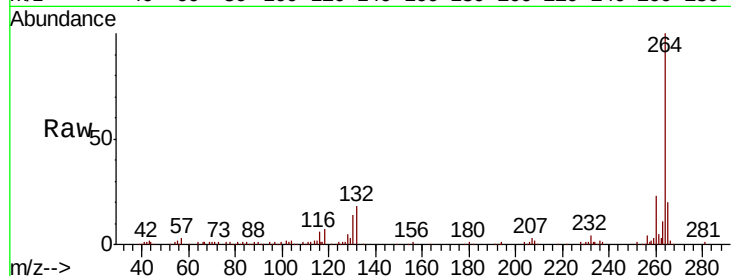




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2308
Delta R.T. 0.01 min
Lab File: BF110894.D
Acq: 20 Nov 2018 15:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.7	28.1
265	20.4	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

