

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111518\
 Data File : BF110804.D
 Acq On : 15 Nov 2018 22:29
 Operator : JU/SJ
 Sample : J5950-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 16 04:30:08 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

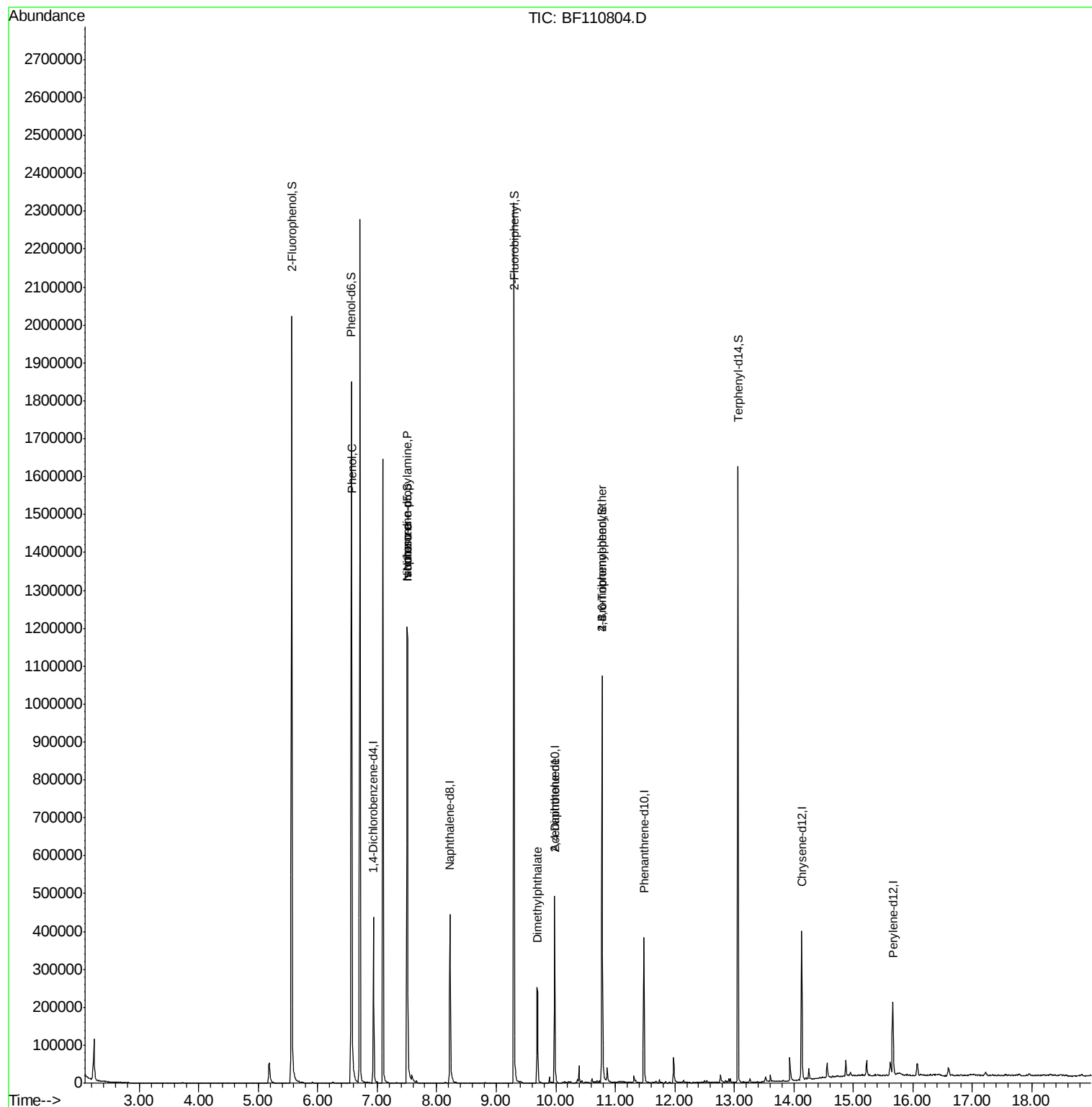
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	60177	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	236397	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	100914	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	161948	20.00	ng	0.00
76) Chrysene-d12	14.13	240	146348	20.00	ng	0.00
87) Perylene-d12	15.66	264	104753	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	578642	156.19	ng	0.00
7) Phenol-d6	6.57	99	719960	151.97	ng	0.00
23) Nitrobenzene-d5	7.50	82	451766	110.06	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	140777	138.45	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	710490	100.55	ng	0.00
79) Terphenyl-d14	13.06	244	545448	69.80	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	1049	Below Cal	Qvalue	# 1
10) Phenol	6.58	94	11678	2.126 ng		80
19) n-Nitroso-di-n-propylamine	7.50	70	60290	19.937 ng	#	79
25) Isophorone	7.50	82	451763	67.148 ng	#	67
50) Dimethylphthalate	9.69	163	119201	15.830 ng		98
57) 2,4-Dinitrotoluene	9.98	165	12990	6.031 ng	#	17
67) 4-Bromophenyl-phenylether	10.78	248	8983	5.019 ng	#	1

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

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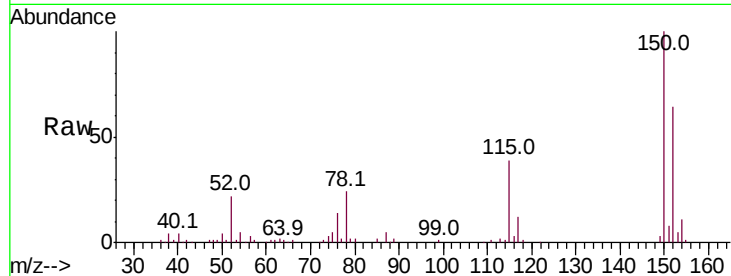


#1

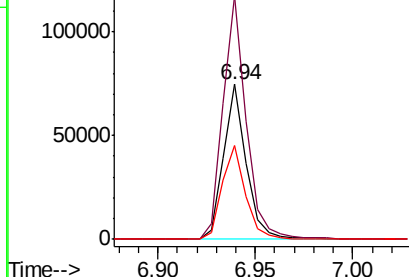
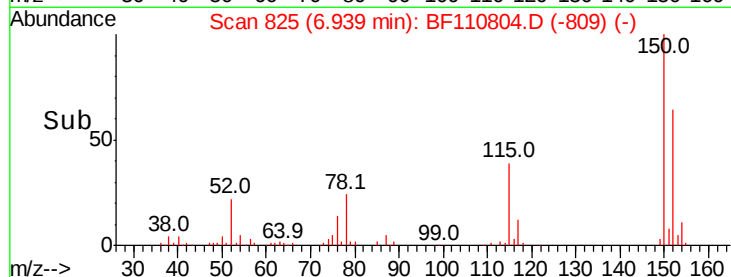
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110804.D
 Acq: 15 Nov 2018 22:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 60177
 Ion Ratio Lower Upper
 152 100
 150 157.3 122.7 184.1
 115 61.0 49.1 73.7



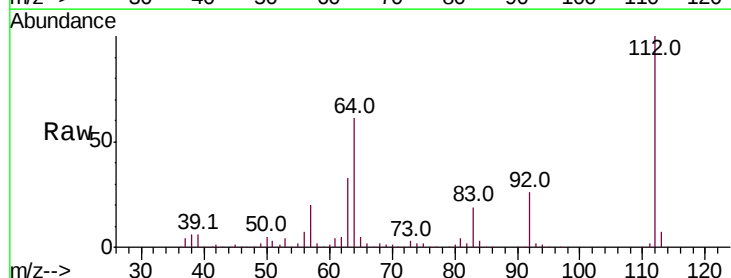
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



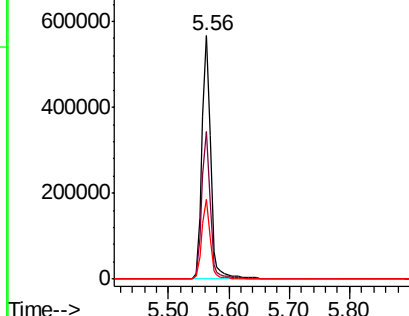
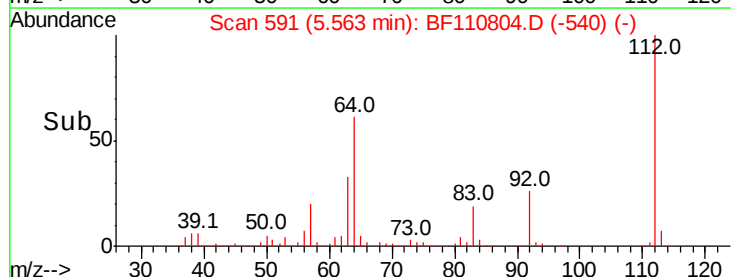
#5

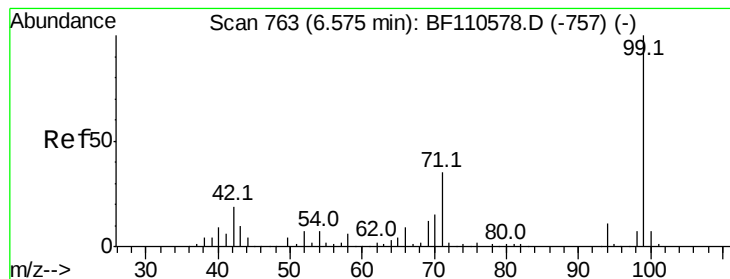
2-Fluorophenol
 Concen: 156.189 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110804.D
 Acq: 15 Nov 2018 22:29

Tgt Ion:112 Resp: 578642
 Ion Ratio Lower Upper
 112 100
 64 60.7 44.1 66.1
 63 32.8 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: 151.971 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110804.D

Acq: 15 Nov 2018 22:29

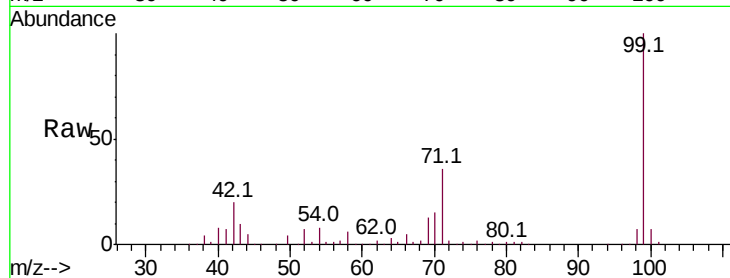
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 719960

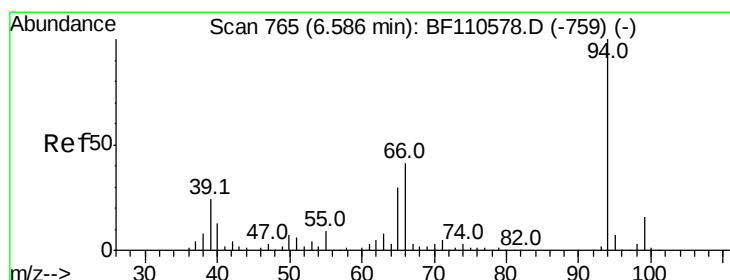
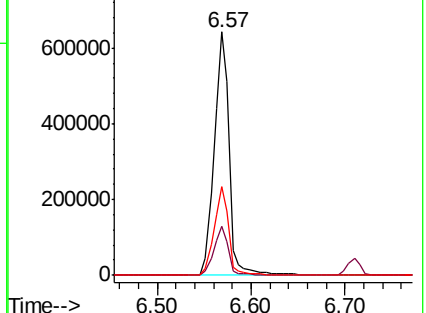
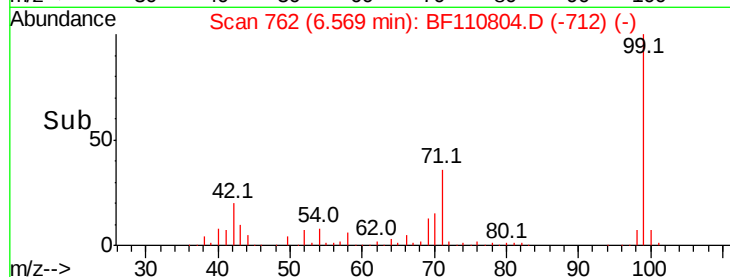
Ion	Ratio	Lower	Upper
99	100		
42	20.1	15.8	23.6
71	36.2	28.0	42.0



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: 2.126 ng

RT: 6.58 min Scan# 764

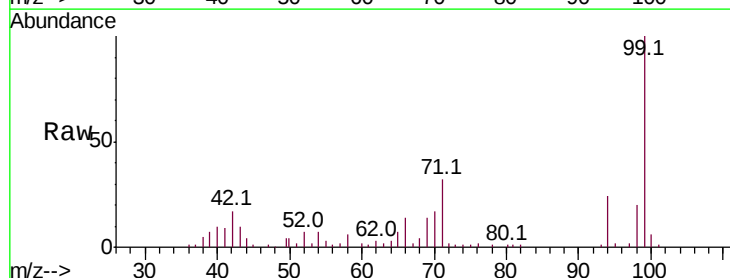
Delta R.T. -0.01 min

Lab File: BF110804.D

Acq: 15 Nov 2018 22:29

Tgt Ion: 94 Resp: 11678

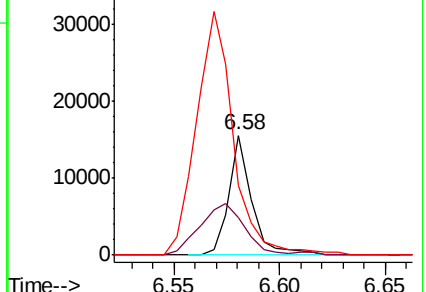
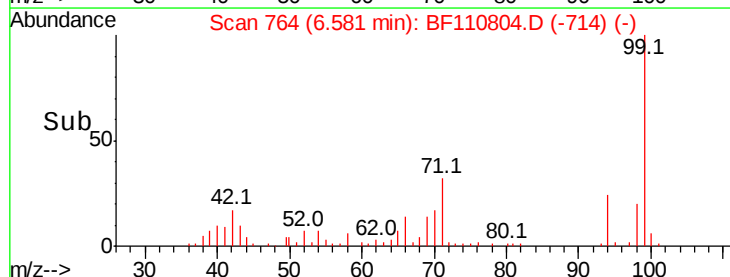
Ion	Ratio	Lower	Upper
94	100		
65	31.7	25.3	65.3
66	57.7	54.5	94.5

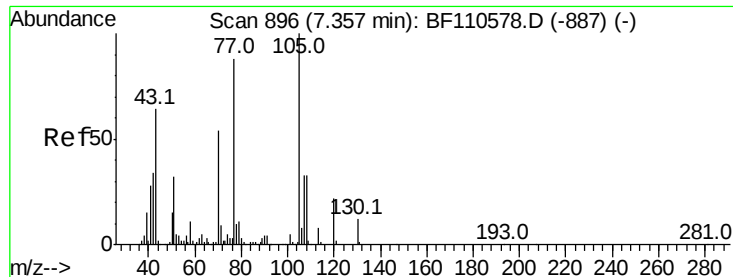


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: 19.937 ng

RT: 7.50 min Scan# 921

Delta R.T. 0.15 min

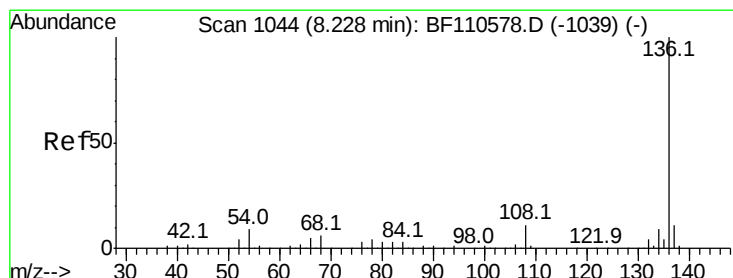
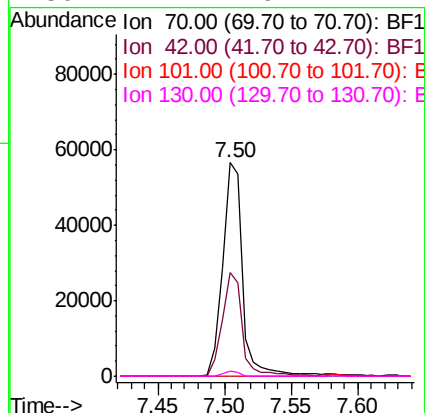
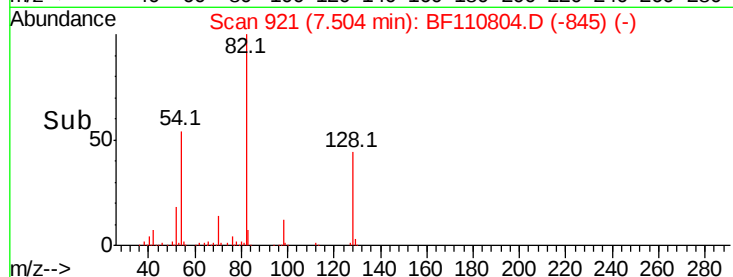
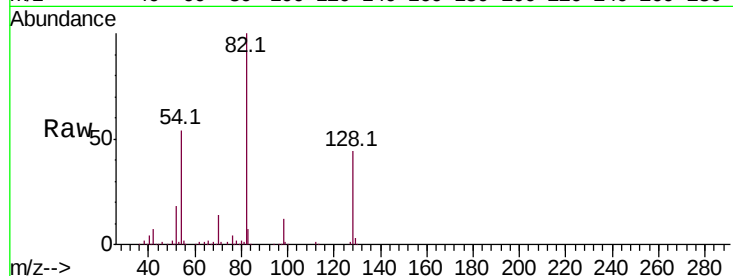
Lab File: BF110804.D

Acq: 15 Nov 2018 22:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 60290

Ion	Ratio	Lower	Upper
70	100		
42	48.7	47.4	71.2
101	0.0	7.3	10.9#
130	2.2	16.2	24.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.22 min Scan# 1043

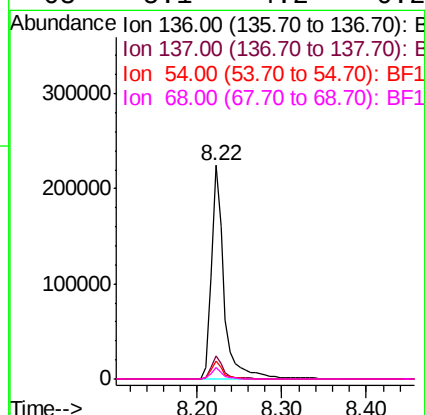
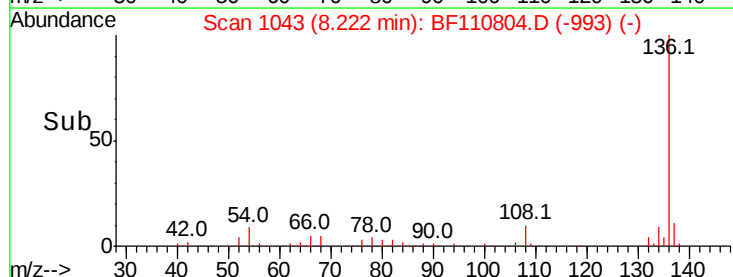
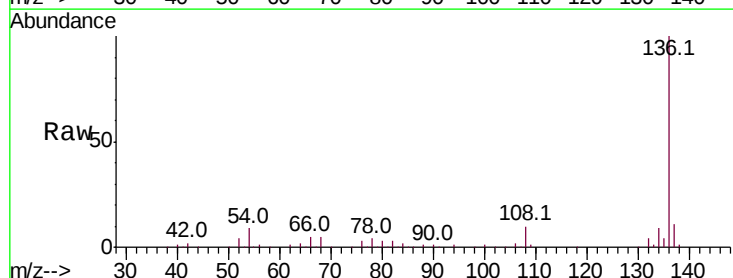
Delta R.T. -0.01 min

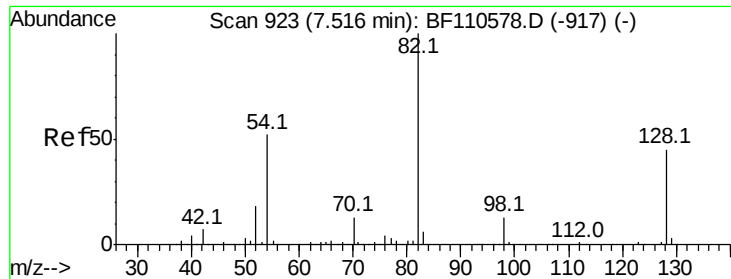
Lab File: BF110804.D

Acq: 15 Nov 2018 22:29

Tgt Ion:136 Resp: 236397

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	8.5	5.4	8.2#
68	5.1	4.2	6.2

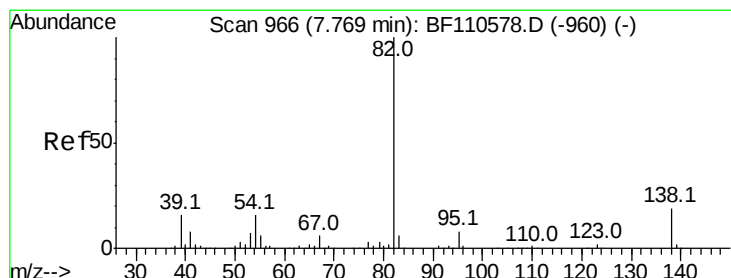
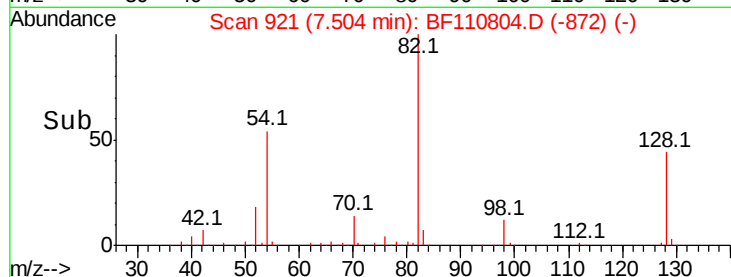
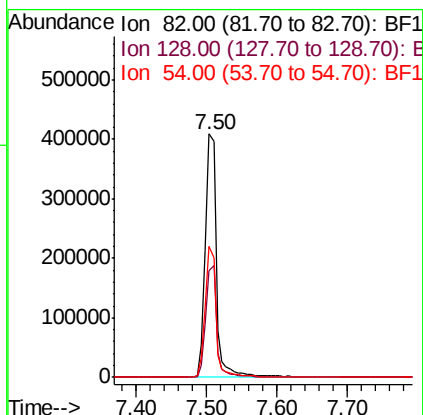
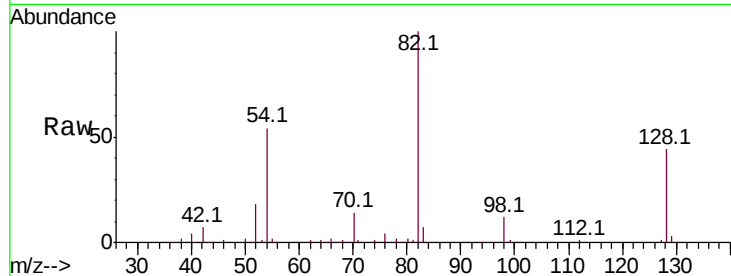




#23
 Nitrobenzene-d5
 Concen: 110.056 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110804.D
 Acq: 15 Nov 2018 22:29

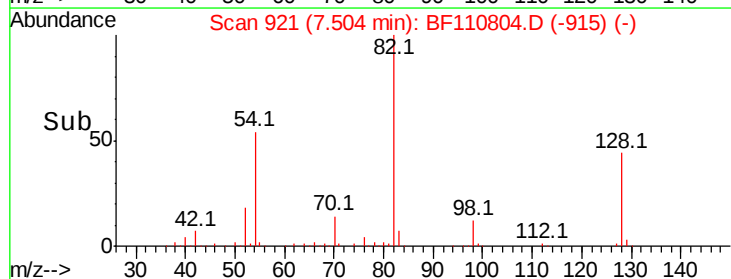
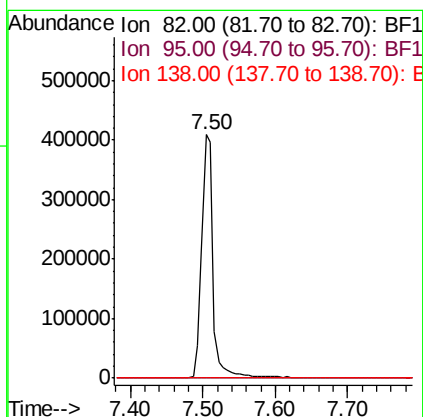
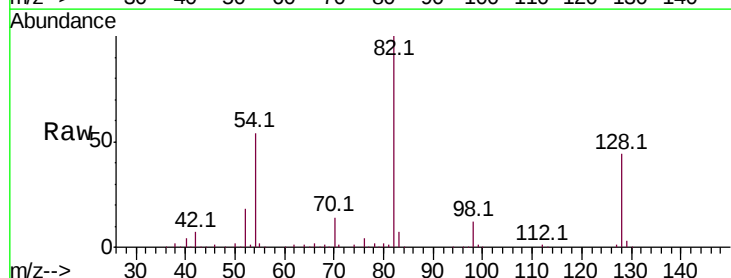
Instrument :
 BNA_F
 ClientSampled :

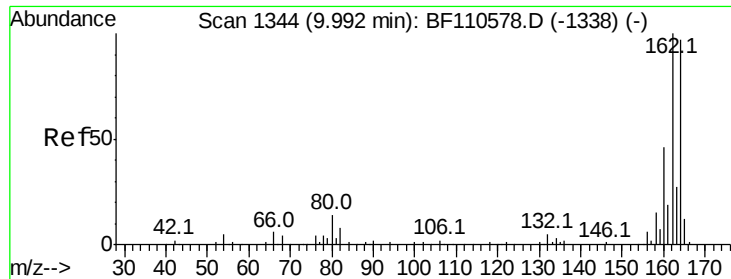
Tot Ion	82	Resp	451766
Ion Ratio	Lower	Upper	
82	100		
128	43.7	34.2	51.2
54	53.8	38.6	58.0



#25
 Isophorone
 Concen: 67.148 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.26 min
 Lab File: BF110804.D
 Acq: 15 Nov 2018 22:29

Tgt Ion	82	Resp	451763
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.7	8.5#
138	0.0	13.2	19.8#

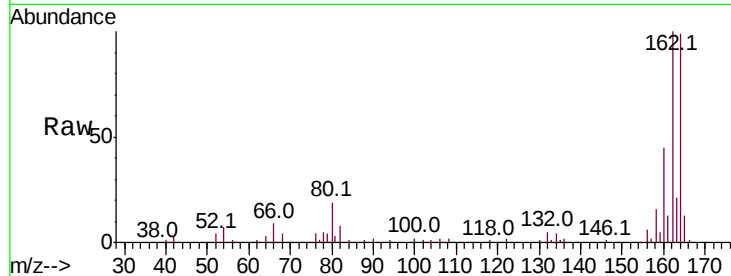




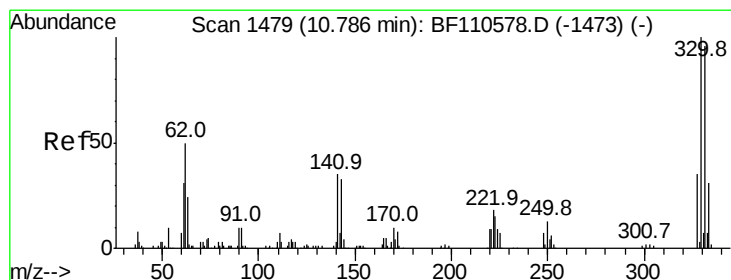
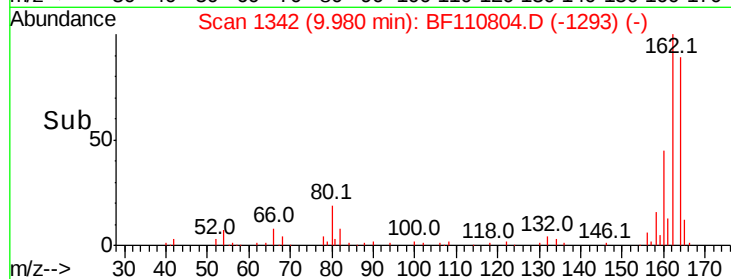
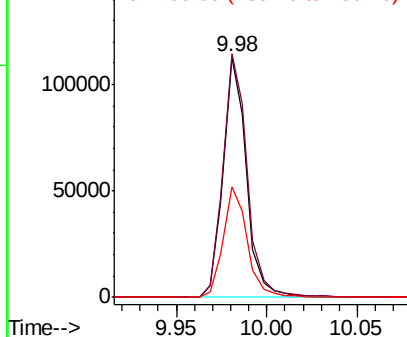
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF110804.D
Acq: 15 Nov 2018 22:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 100914
Ion Ratio Lower Upper
164 100
162 101.4 83.0 124.6
160 46.0 37.0 55.6

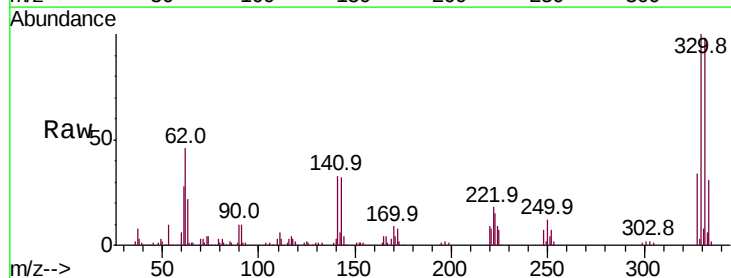


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

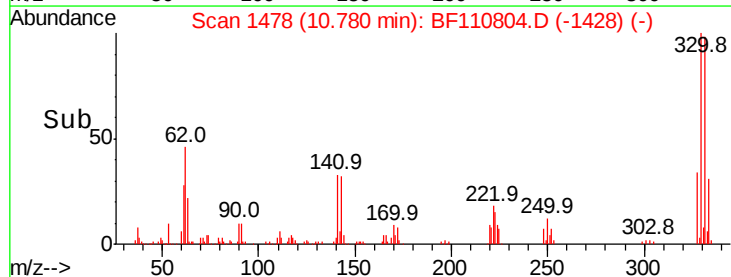
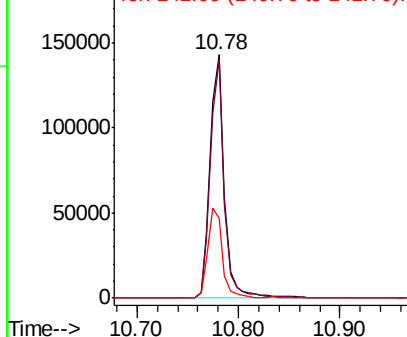


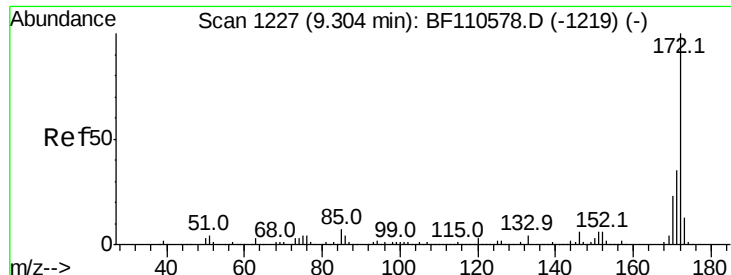
#42
2,4,6-Tribromophenol
Concen: 138.446 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110804.D
Acq: 15 Nov 2018 22:29

Tgt Ion:330 Resp: 140777
Ion Ratio Lower Upper
330 100
332 95.8 77.1 115.7
141 38.4 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

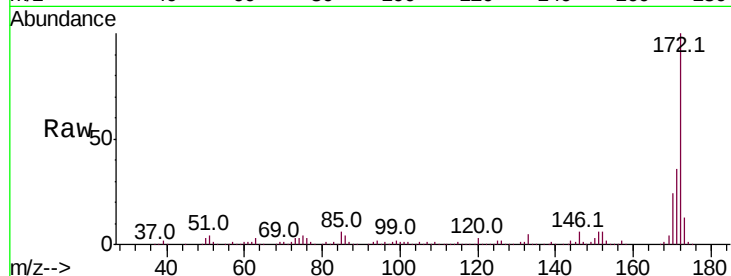




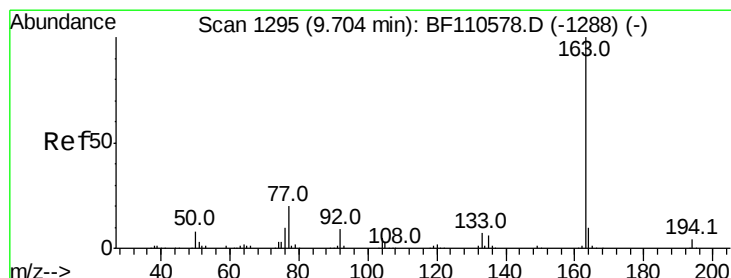
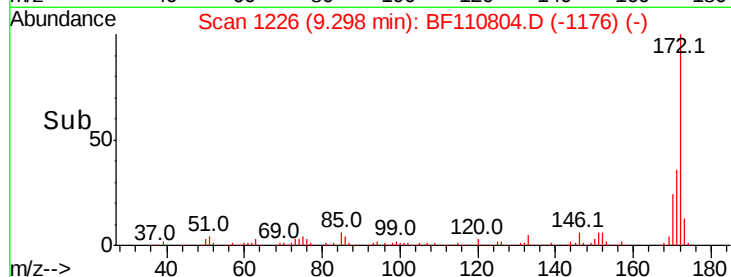
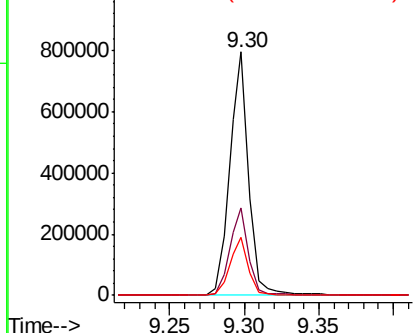
#45
2-Fluorobiphenyl
Concen: 100.552 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110804.D
Acq: 15 Nov 2018 22:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 710490
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 23.9 19.7 29.5

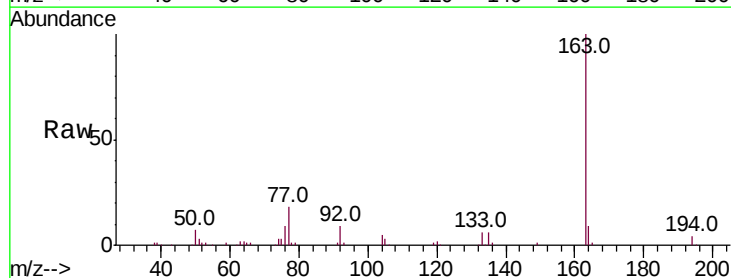


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

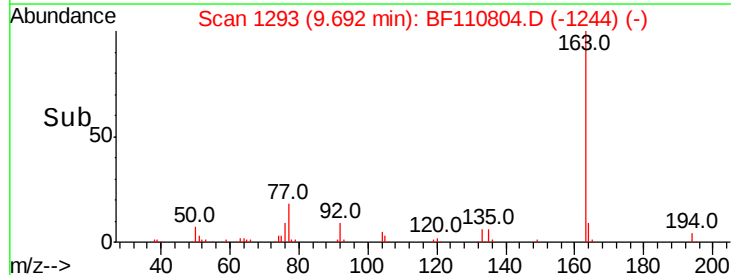
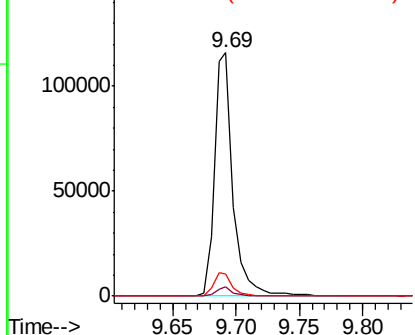


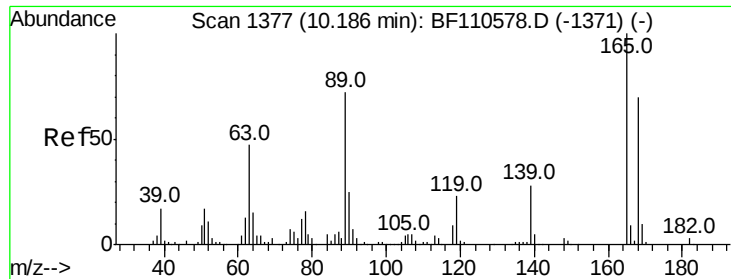
#50
Dimethylphthalate
Concen: 15.830 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110804.D
Acq: 15 Nov 2018 22:29

Tgt Ion:163 Resp: 119201
Ion Ratio Lower Upper
163 100
194 3.6 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

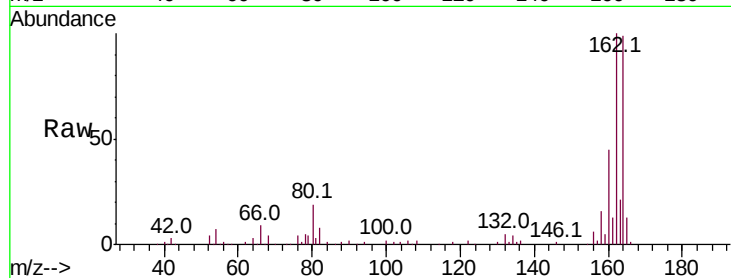




#57
 2,4-Dinitrotoluene
 Concen: 6.031 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110804.D
 Acq: 15 Nov 2018 22:29

Instrument :
 BNA_F
 ClientSampleId :

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#



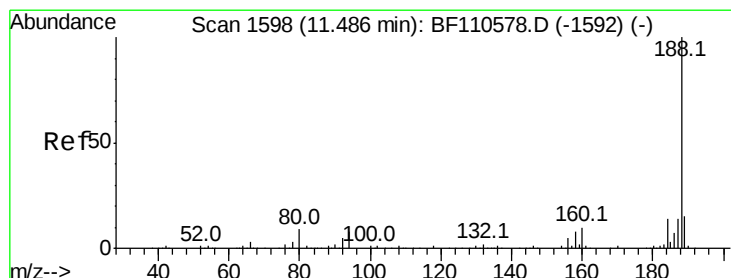
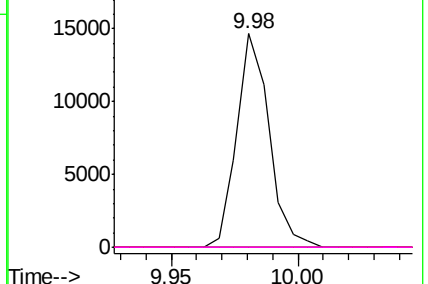
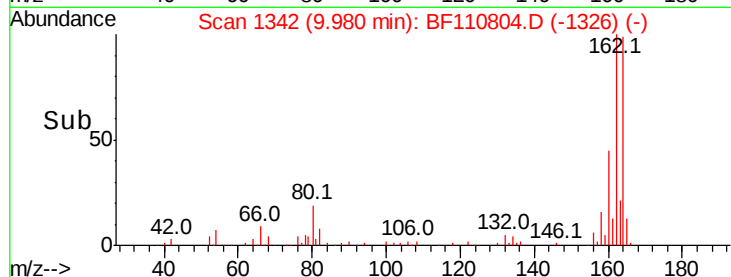
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

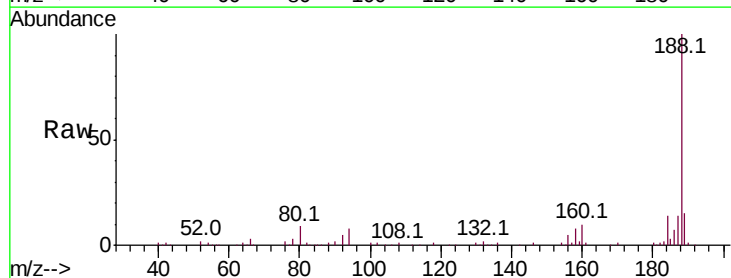
Ion 89.00 (88.70 to 89.70): BF1

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: BF110804.D
 Acq: 15 Nov 2018 22:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.1	7.2	10.8
80	8.9	7.9	11.9

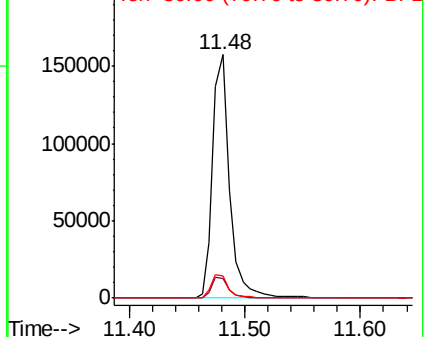
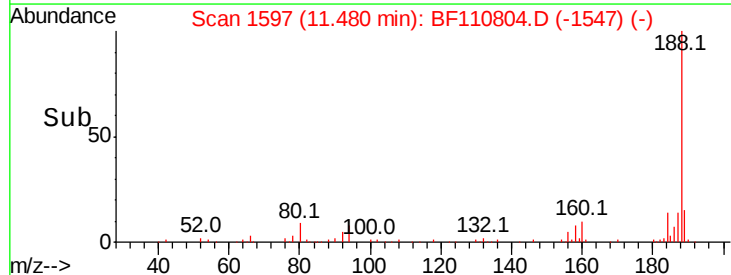


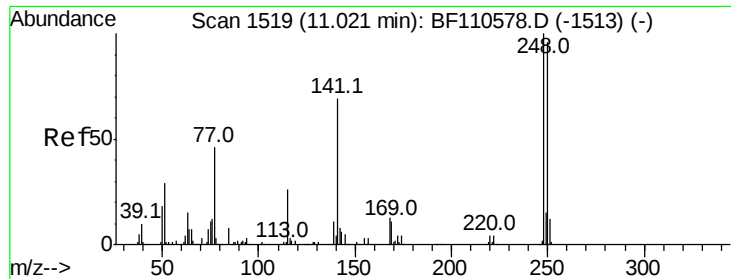
Abundance

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

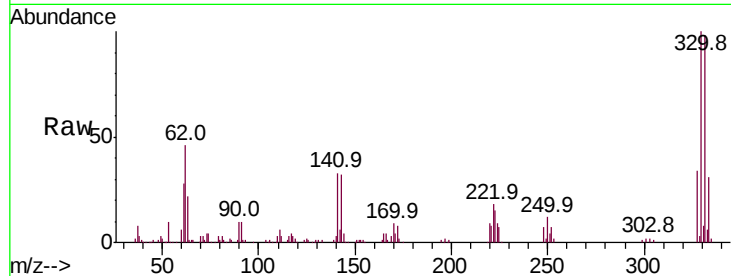




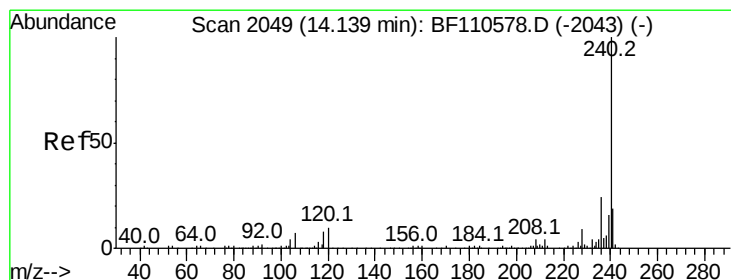
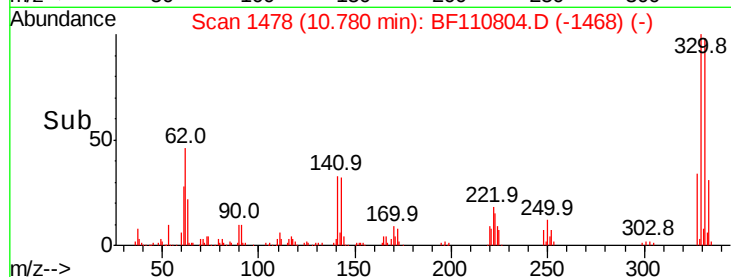
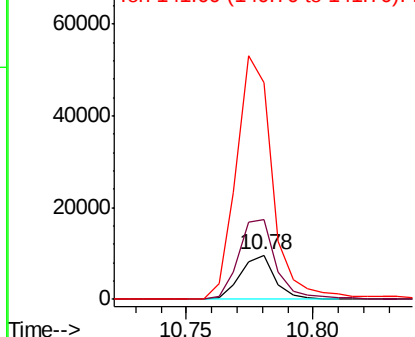
#67
4-Bromophenyl-phenylether
Concen: 5.019 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110804.D
Acq: 15 Nov 2018 22:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 8983
Ion Ratio Lower Upper
248 100
250 181.6 79.4 119.2#
141 490.5 55.9 83.9#

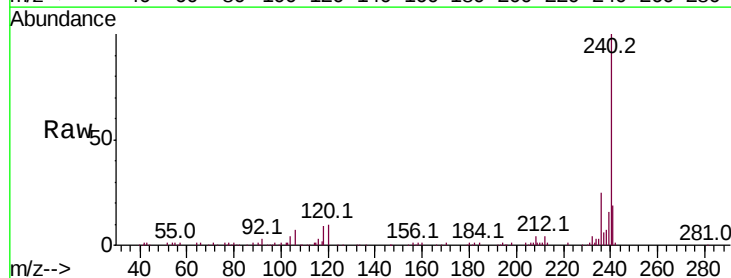


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

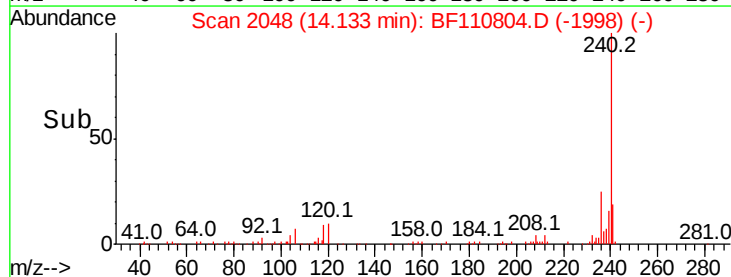
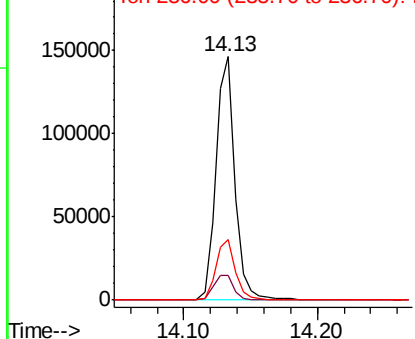


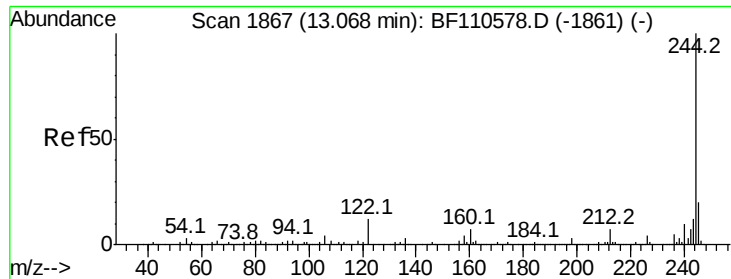
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2048
Delta R.T. -0.01 min
Lab File: BF110804.D
Acq: 15 Nov 2018 22:29

Tgt Ion:240 Resp: 146348
Ion Ratio Lower Upper
240 100
120 10.0 8.3 12.5
236 24.9 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: 69.799 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110804.D

Acq: 15 Nov 2018 22:29

Instrument :

BNA_F

ClientSampleId :

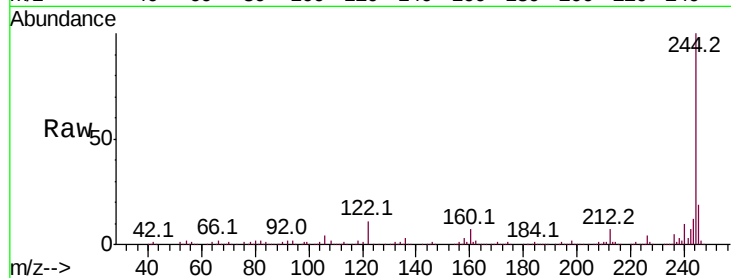
Tot Ion:244 Resp: 545448

Ion Ratio Lower Upper

244 100

212 6.7 5.8 8.8

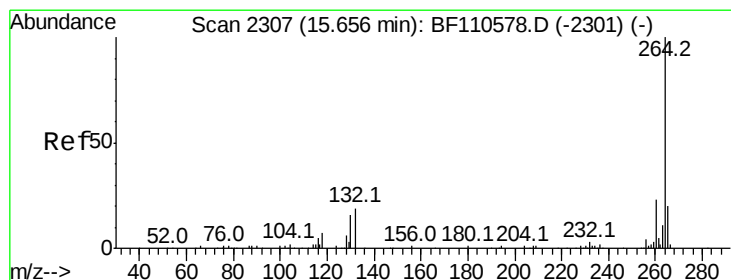
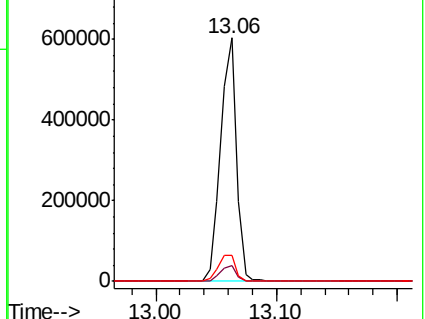
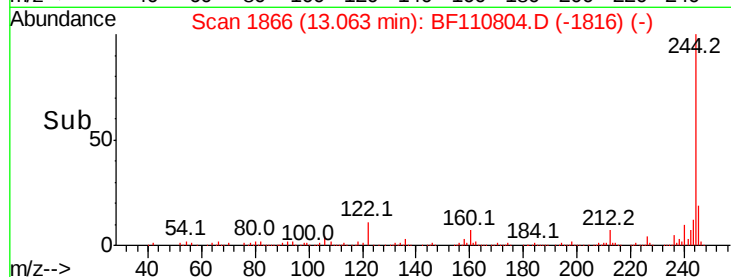
122 10.7 8.7 13.1



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# 2308

Delta R.T. 0.01 min

Lab File: BF110804.D

Acq: 15 Nov 2018 22:29

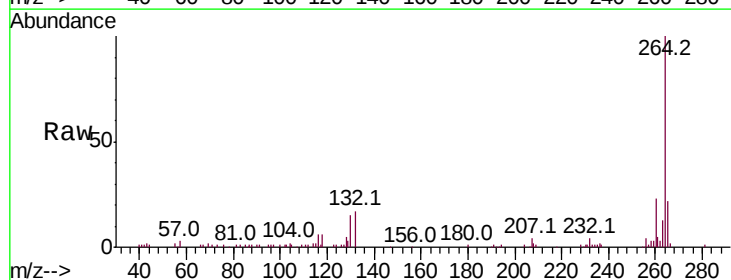
Tgt Ion:264 Resp: 104753

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 22.3 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

