

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110667.D
 Acq On : 10 Nov 2018 9:50
 Operator : JU/SJ
 Sample : J5881-18
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 03:28:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

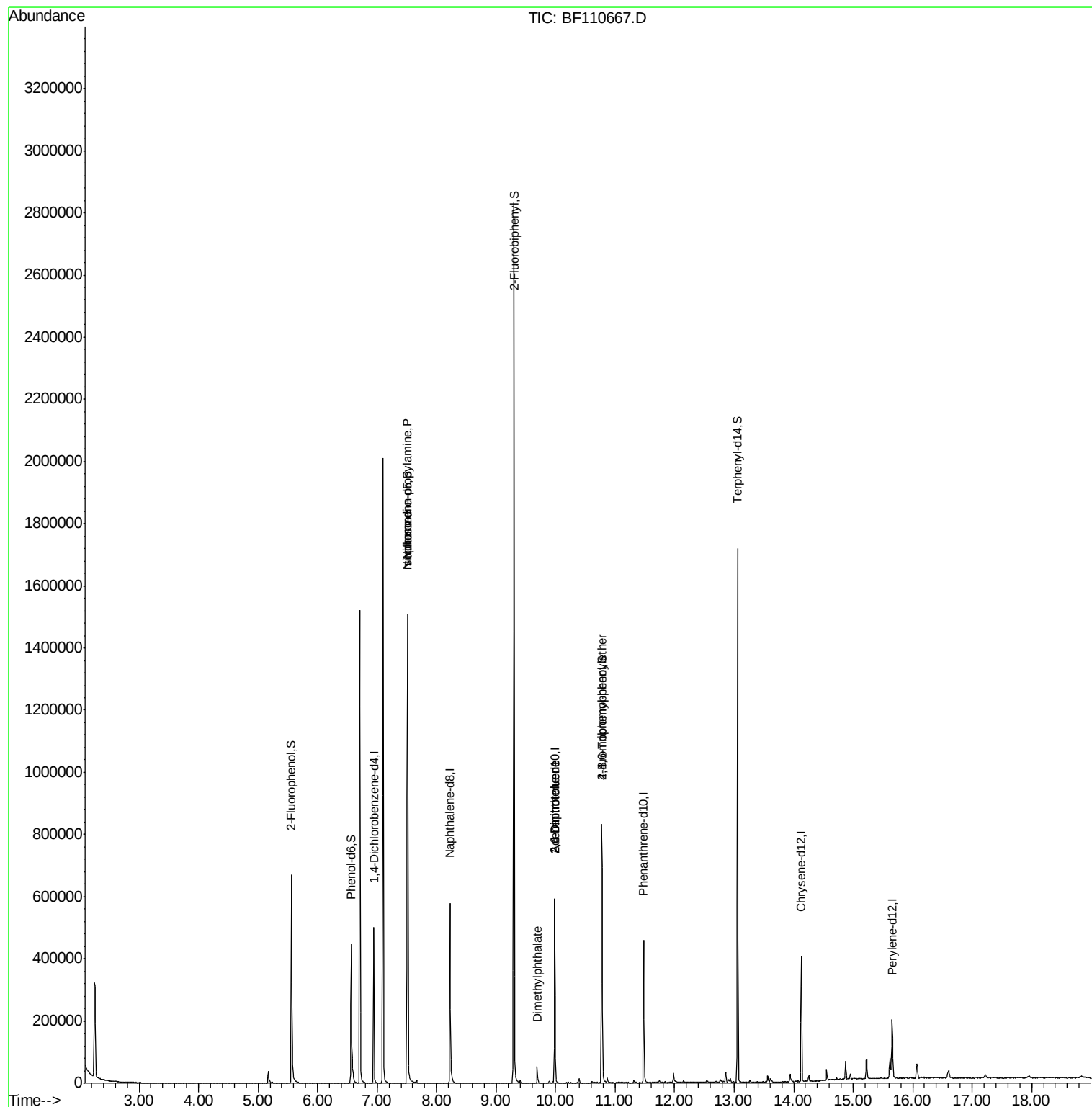
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	73508	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	298701	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	122490	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	185189	20.00	ng	0.00
76) Chrysene-d12	14.13	240	140433	20.00	ng	-0.01
87) Perylene-d12	15.66	264	103849	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	212837	47.03	ng	0.00
7) Phenol-d6	6.56	99	159892	27.63	ng	-0.01
23) Nitrobenzene-d5	7.51	82	524837	101.19	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	100890	81.74	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	944940	110.18	ng	0.00
79) Terphenyl-d14	13.06	244	564479	75.28	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.51	70	68776	18.618	ng	# 80
25) Isophorone	7.51	82	524834	61.737	ng	# 67
50) Dimethylphthalate	9.69	163	25359	2.775	ng	97
51) 2,6-Dinitrotoluene	9.99	165	15900	7.908	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	15900	6.082	ng	# 17
67) 4-Bromophenyl-phenylether	10.77	248	6229	3.043	ng	# 1

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

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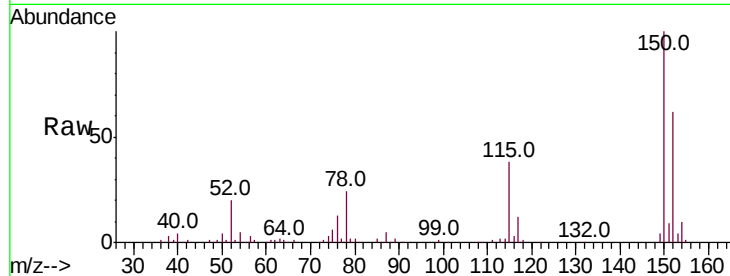


#1

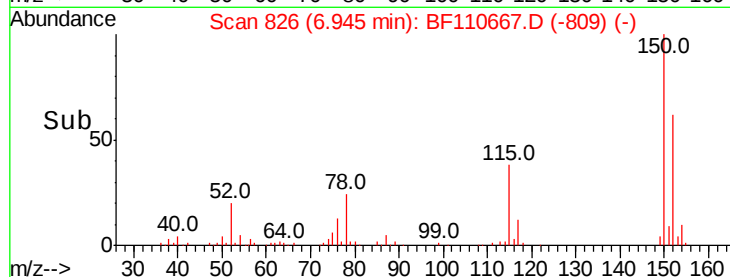
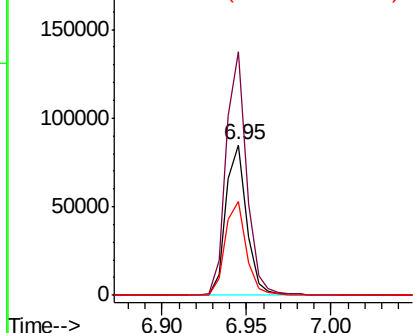
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110667.D
 Acq: 10 Nov 2018 9:50

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 73508
 Ion Ratio Lower Upper
 152 100
 150 161.9 122.7 184.1
 115 62.0 49.1 73.7



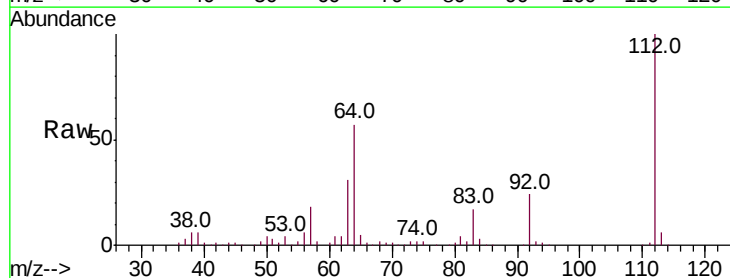
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



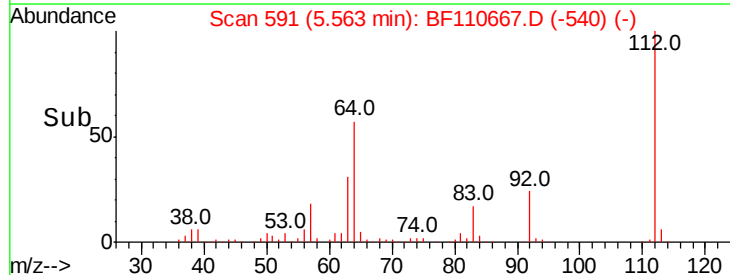
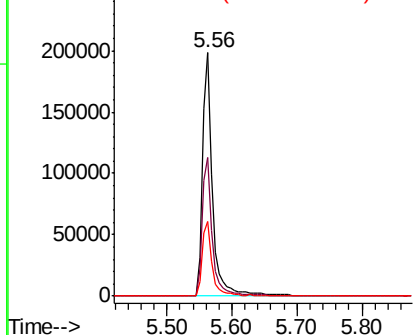
#5

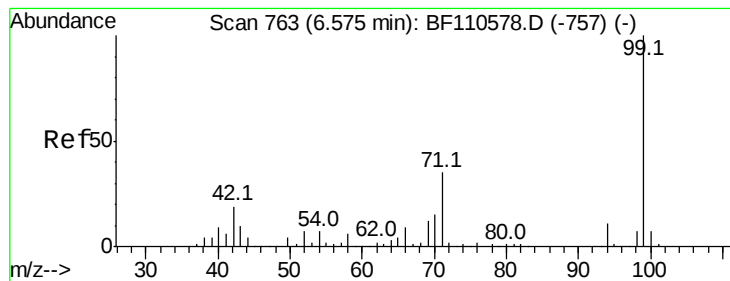
2-Fluorophenol
 Concen: 47.031 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110667.D
 Acq: 10 Nov 2018 9:50

Tgt Ion:112 Resp: 212837
 Ion Ratio Lower Upper
 112 100
 64 56.9 44.1 66.1
 63 30.5 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: 27.630 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110667.D

Acq: 10 Nov 2018 9:50

Instrument :

BNA_F

ClientSampleId :

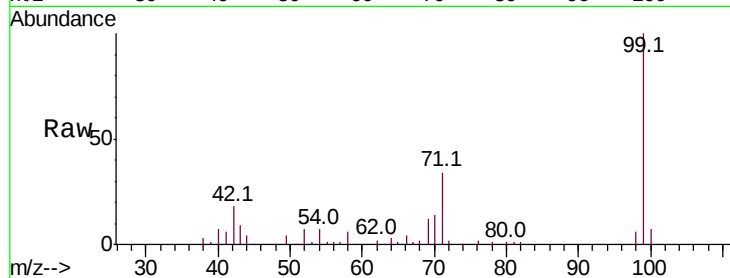
Tot Ion: 99 Resp: 159892

Ion Ratio Lower Upper

99 100

42 18.2 15.8 23.6

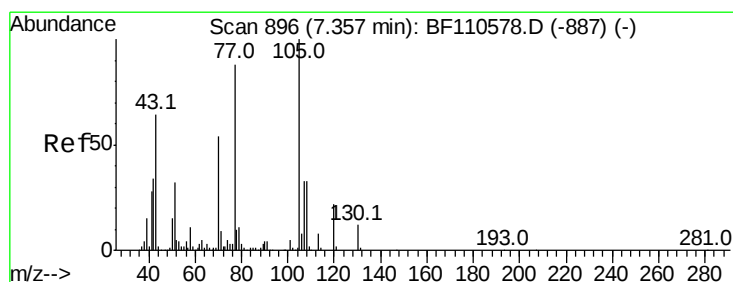
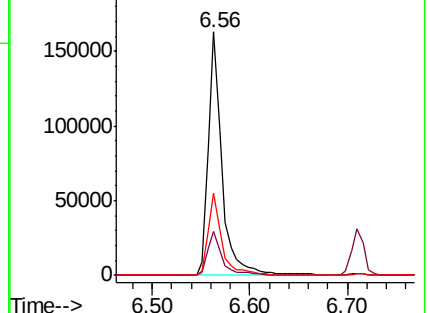
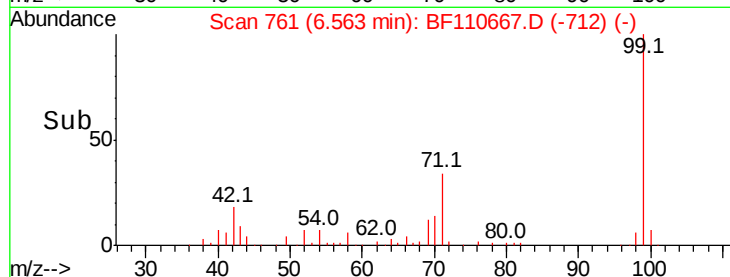
71 34.0 28.0 42.0



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: 18.618 ng

RT: 7.51 min Scan# 922

Delta R.T. 0.15 min

Lab File: BF110667.D

Acq: 10 Nov 2018 9:50

Tgt Ion: 70 Resp: 68776

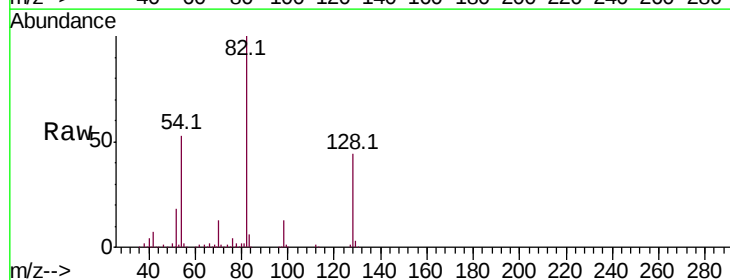
Ion Ratio Lower Upper

70 100

42 50.0 47.4 71.2

101 0.0 7.3 10.9#

130 2.4 16.2 24.2#

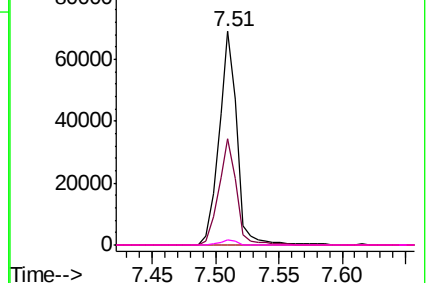
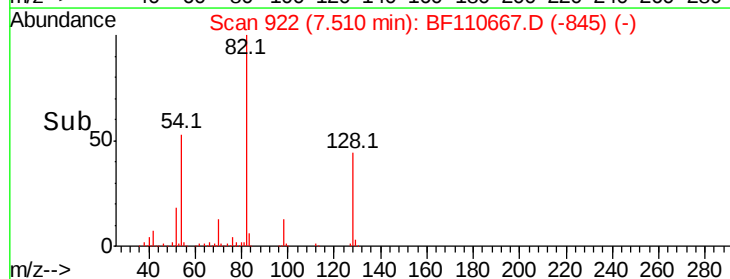


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

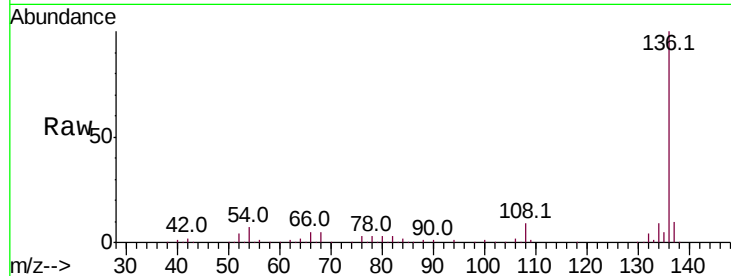




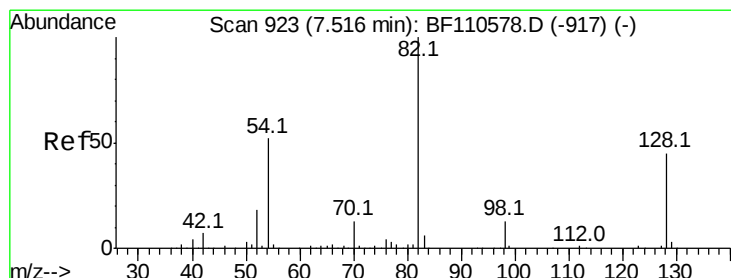
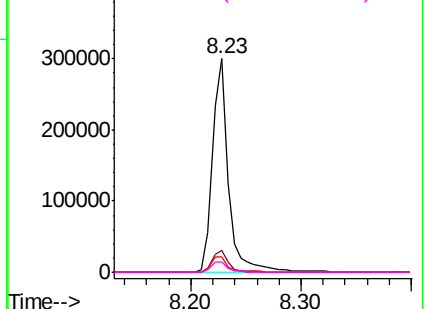
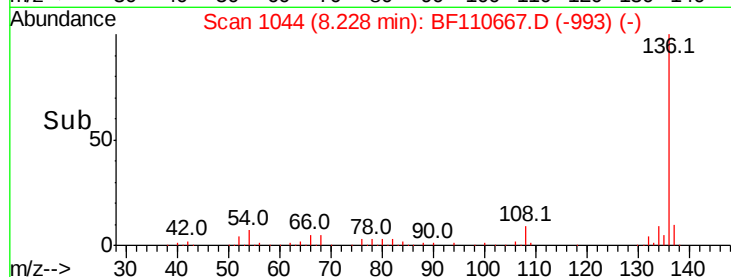
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110667.D
Acq: 10 Nov 2018 9:50

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	298701
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.8	13.2
54	7.2	5.4	8.2
68	4.8	4.2	6.2

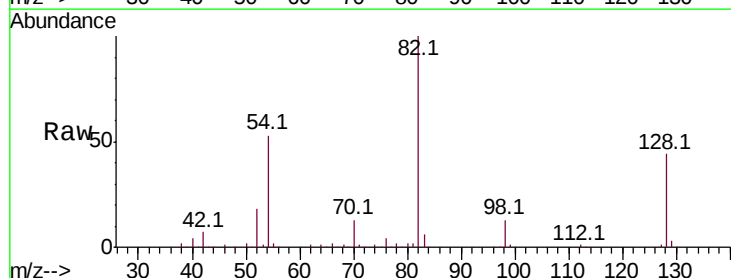


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

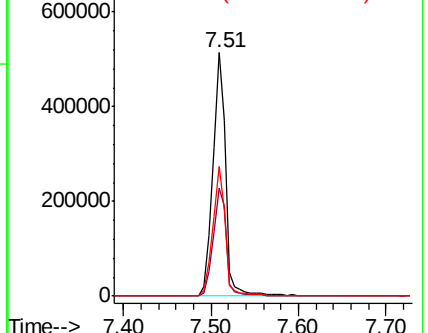
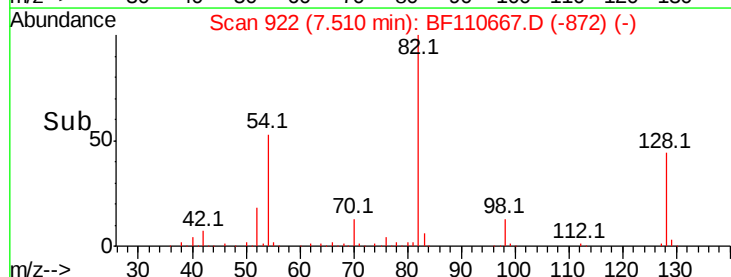


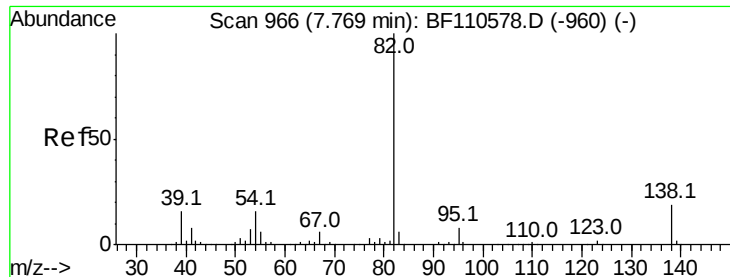
#23
Nitrobenzene-d5
Concen: 101.189 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF110667.D
Acq: 10 Nov 2018 9:50

Tgt Ion:	82	Resp:	524837
Ion	Ratio	Lower	Upper
82	100		
128	44.4	34.2	51.2
54	53.4	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: 61.737 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110667.D

Acq: 10 Nov 2018 9:50

Instrument :

BNA_F

ClientSampleId :

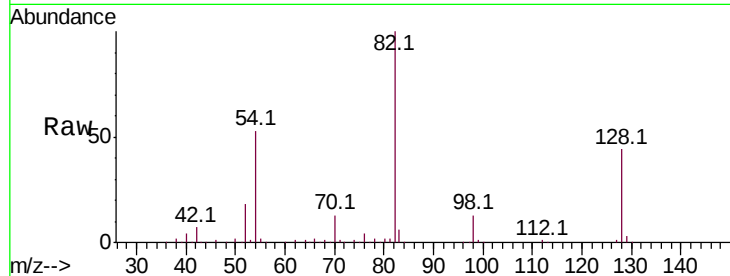
Tot Ion: 82 Resp: 524834

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

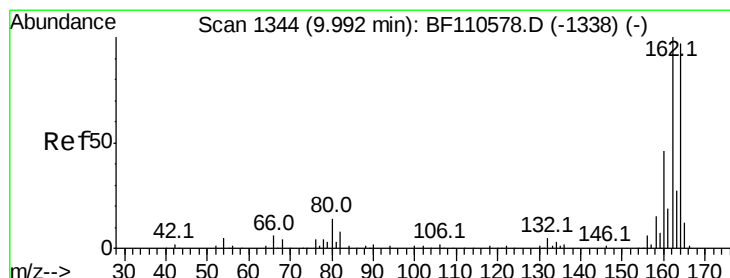
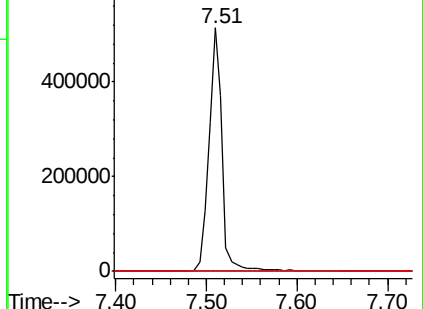
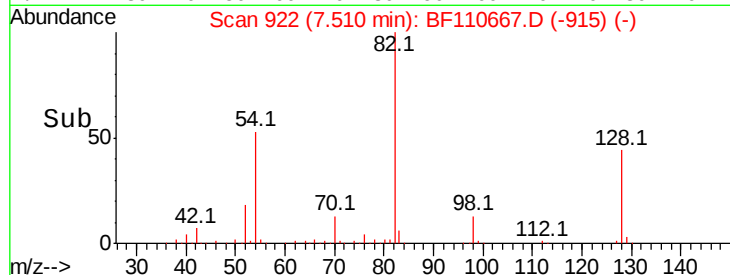
138 0.0 13.2 19.8#



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: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110667.D

Acq: 10 Nov 2018 9:50

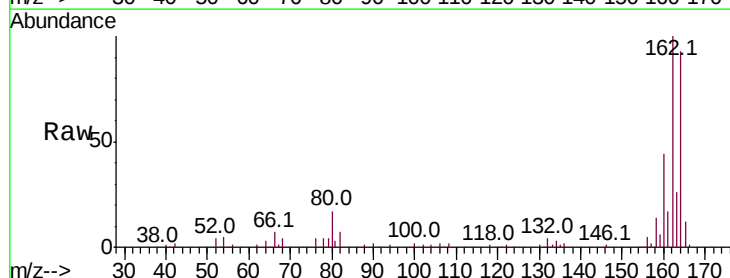
Tgt Ion:164 Resp: 122490

Ion Ratio Lower Upper

164 100

162 107.2 83.0 124.6

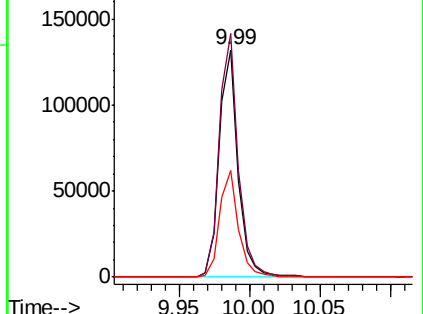
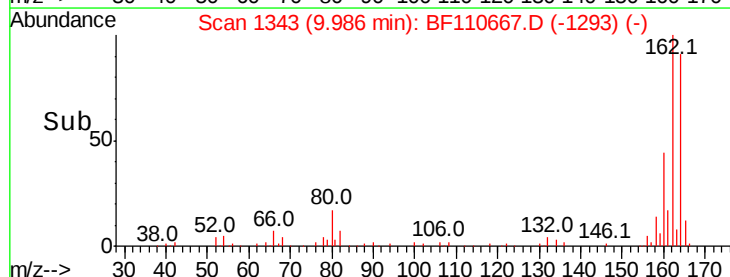
160 46.8 37.0 55.6

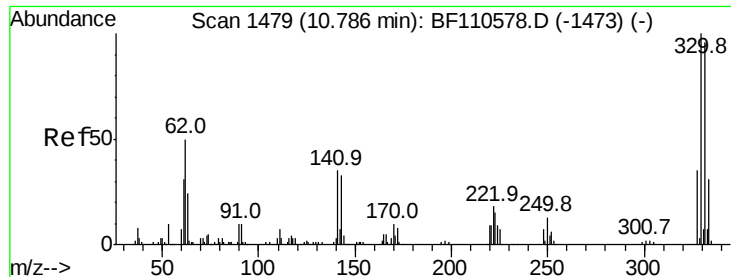


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

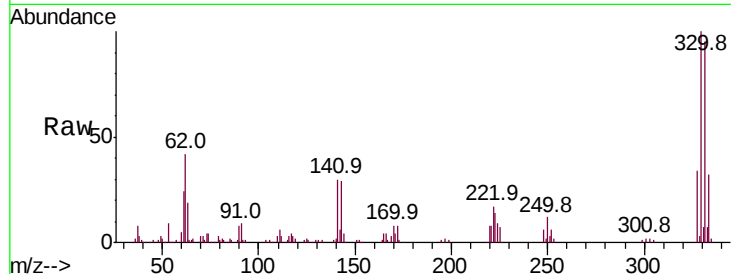




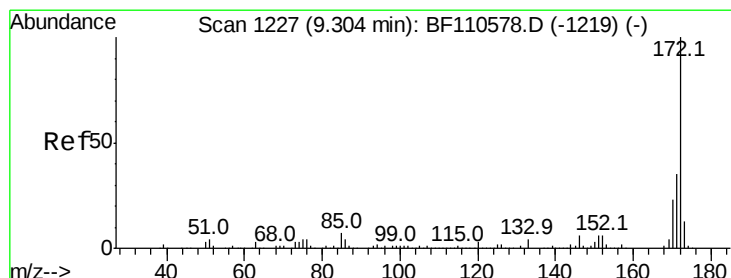
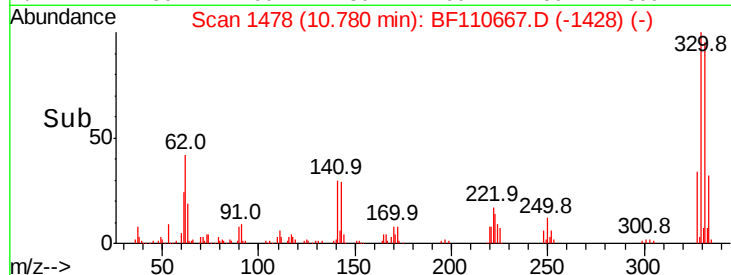
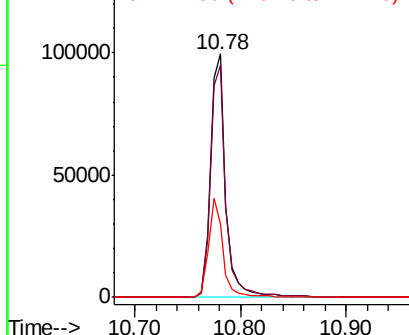
#42
 2,4,6-Tribromophenol
 Concen: 81.743 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110667.D
 Acq: 10 Nov 2018 9:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 100890
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.1 115.7
 141 37.8 27.0 40.4

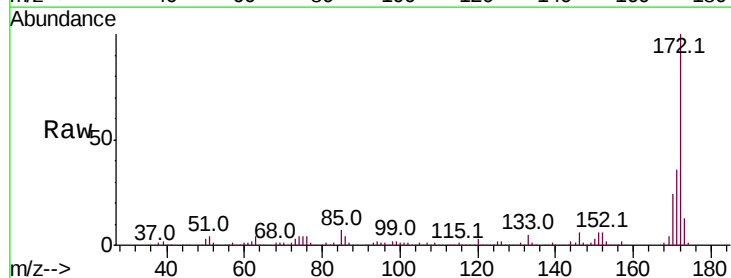


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

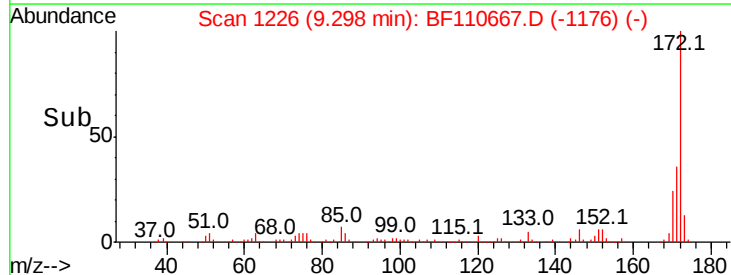
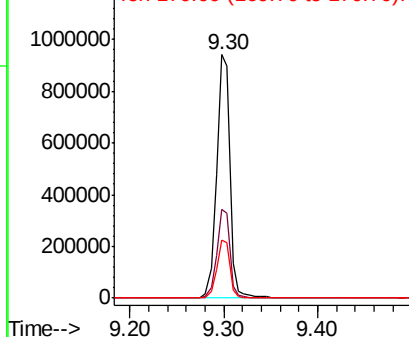


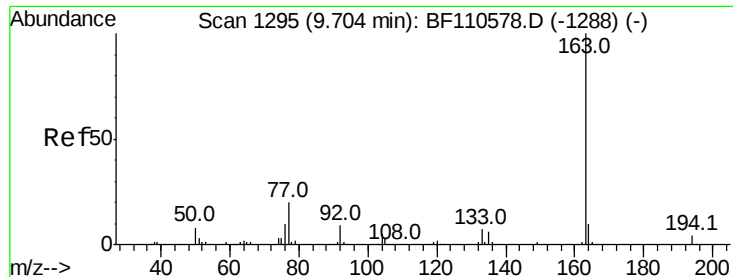
#45
 2-Fluorobiphenyl
 Concen: 110.176 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110667.D
 Acq: 10 Nov 2018 9:50

Tgt Ion:172 Resp: 944940
 Ion Ratio Lower Upper
 172 100
 171 36.2 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

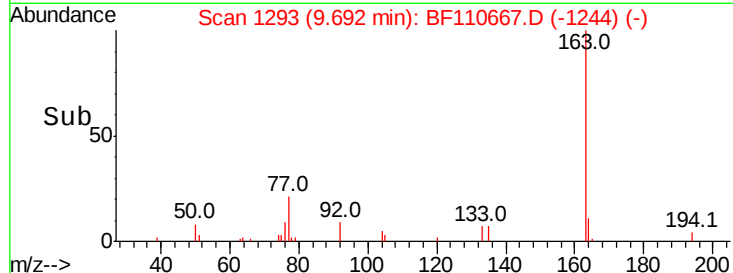
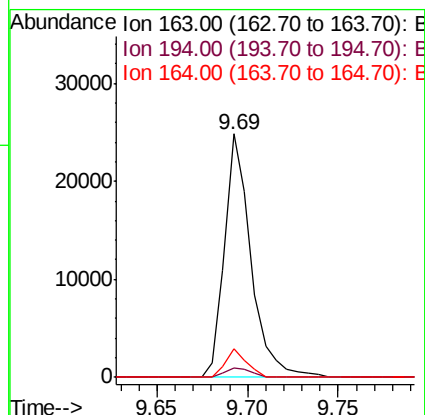
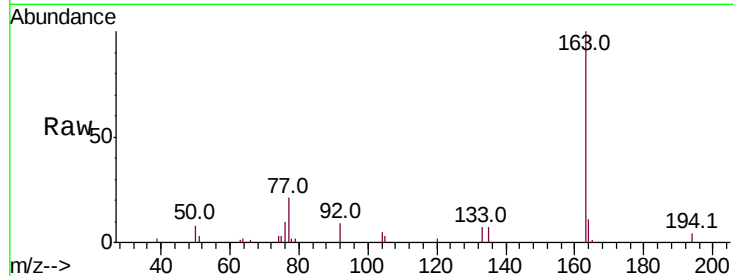




#50
Dimethylphthalate
Concen: 2.775 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110667.D
Acq: 10 Nov 2018 9:50

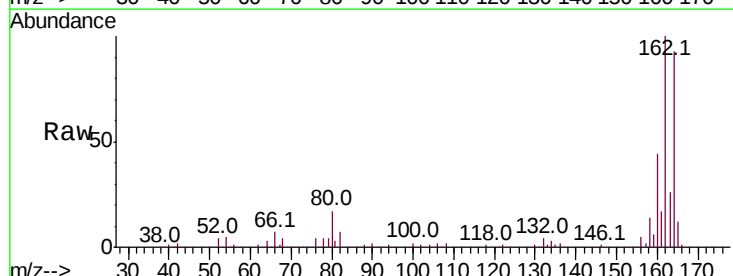
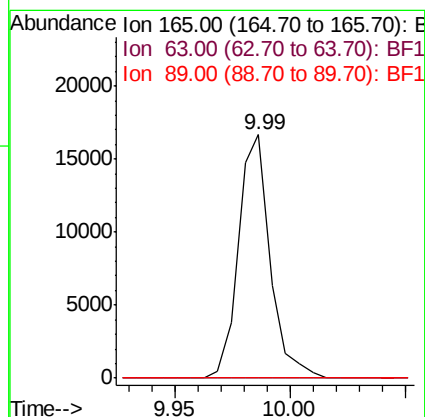
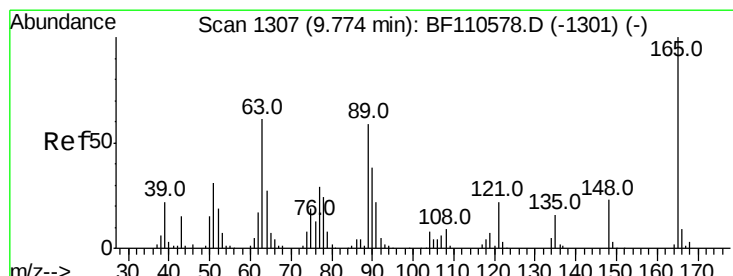
Instrument :
BNA_F
ClientSampleId :

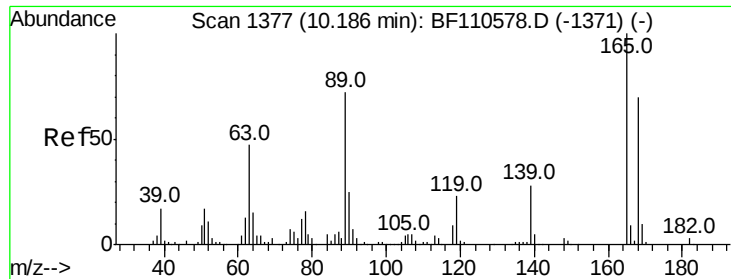
Tot Ion:163 Resp: 25359
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 11.5 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.908 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.21 min
Lab File: BF110667.D
Acq: 10 Nov 2018 9:50

Tgt Ion:165 Resp: 15900
Ion Ratio Lower Upper
165 100
63 0.0 48.9 73.3#
89 0.0 46.6 69.8#

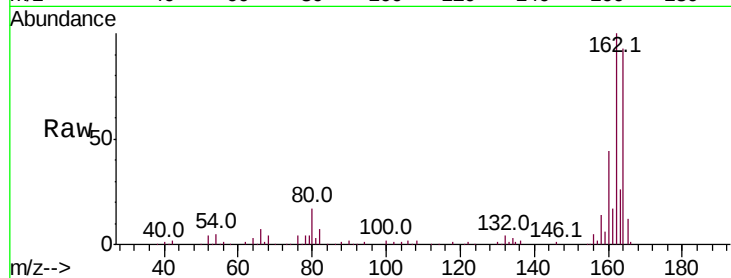




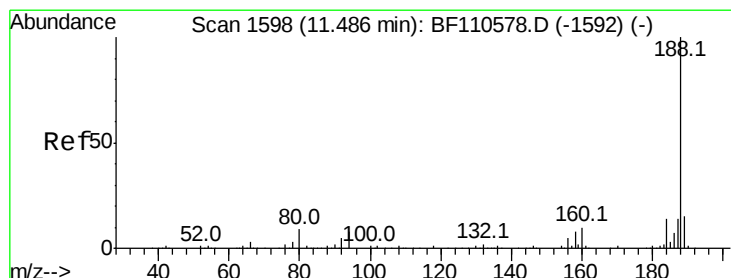
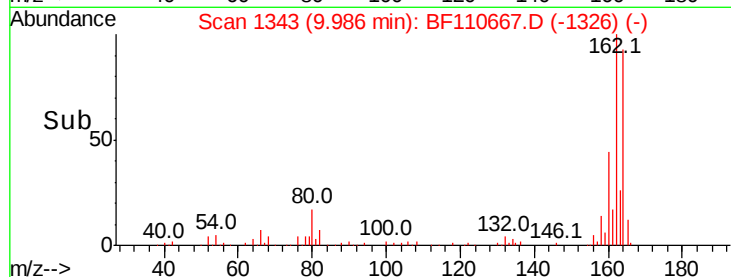
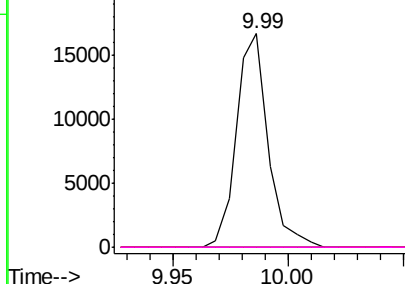
#57
 2,4-Dinitrotoluene
 Concen: 6.082 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110667.D
 Acq: 10 Nov 2018 9:50

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	165	Resp:	15900
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#

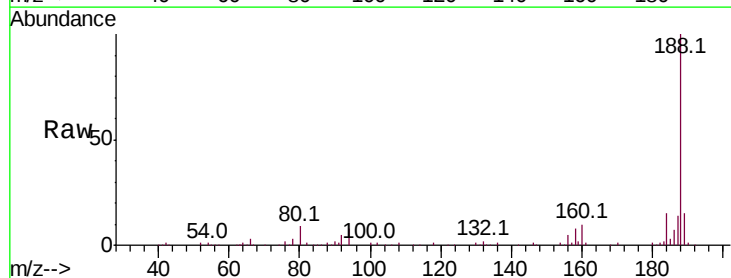


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

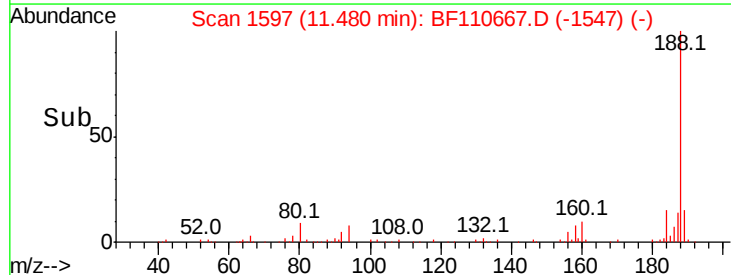
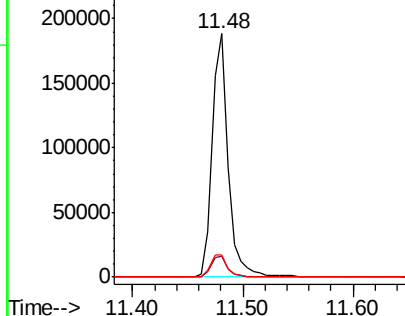


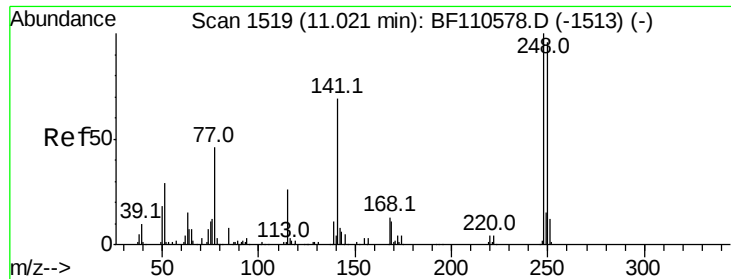
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110667.D
 Acq: 10 Nov 2018 9:50

Tgt Ion:	188	Resp:	185189
Ion	Ratio	Lower	Upper
188	100		
94	8.3	7.2	10.8
80	9.3	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

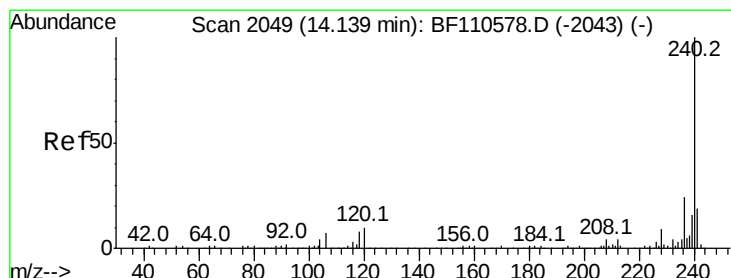
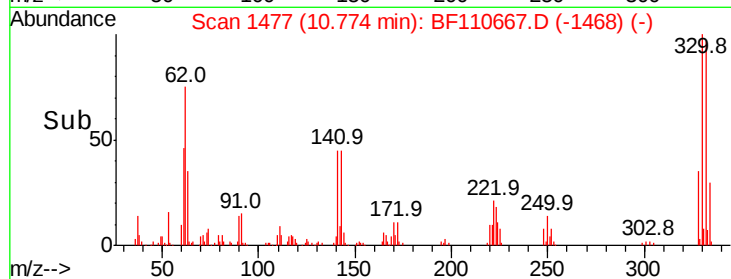
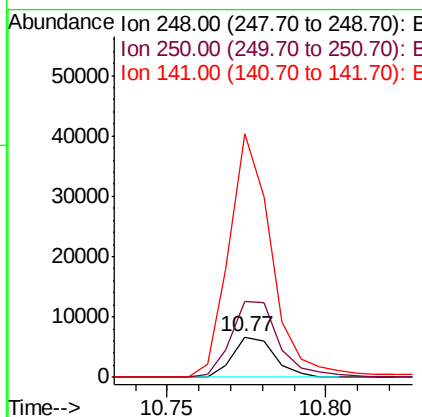
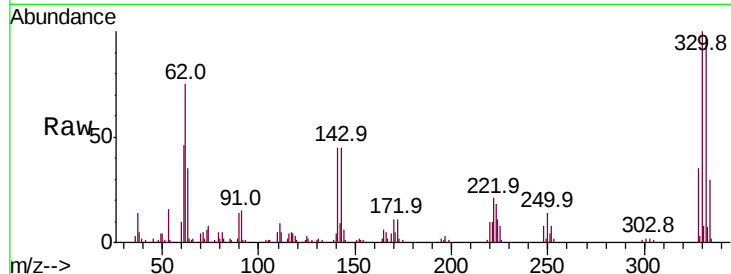




#67
 4-Bromophenyl-phenylether
 Concen: 3.043 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.25 min
 Lab File: BF110667.D
 Acq: 10 Nov 2018 9:50

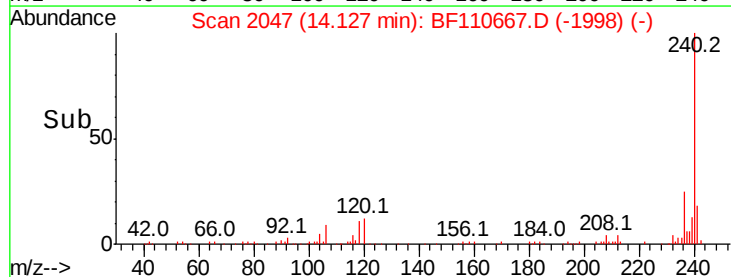
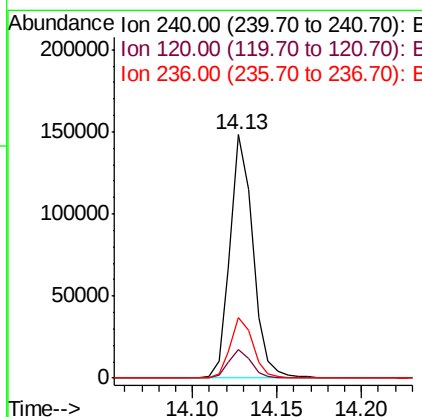
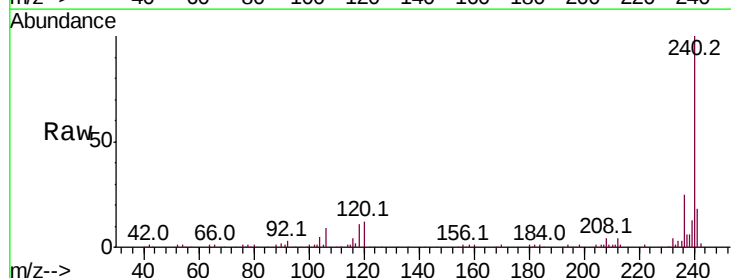
Instrument :
 BNA_F
 ClientSampled :

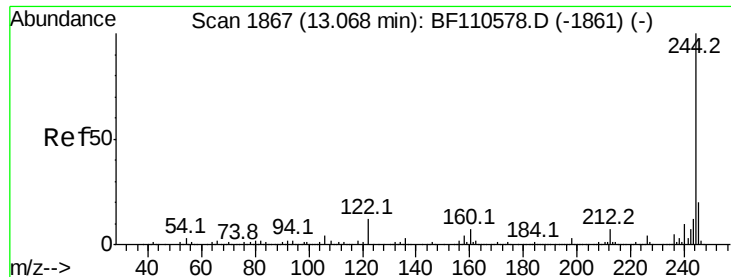
Tot Ion:248 Resp: 6229
 Ion Ratio Lower Upper
 248 100
 250 188.4 79.4 119.2#
 141 600.3 55.9 83.9#



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110667.D
 Acq: 10 Nov 2018 9:50

Tgt Ion:240 Resp: 140433
 Ion Ratio Lower Upper
 240 100
 120 11.6 8.3 12.5
 236 24.7 21.2 31.8





#79

Terphenyl-d14

Concen: 75.277 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110667.D

Acq: 10 Nov 2018 9:50

Instrument :

BNA_F

ClientSampleId :

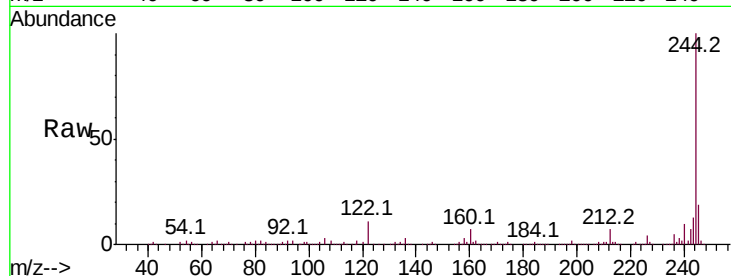
Tot Ion:244 Resp: 564479

Ion Ratio Lower Upper

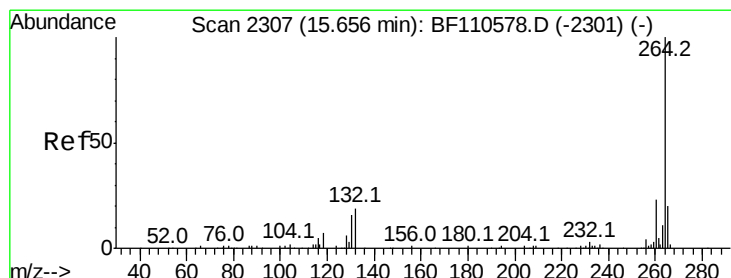
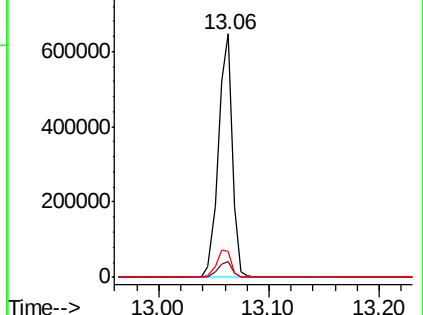
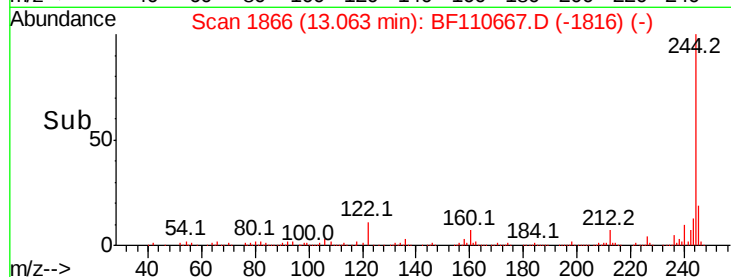
244 100

212 6.5 5.8 8.8

122 10.8 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: BF110667.D

Acq: 10 Nov 2018 9:50

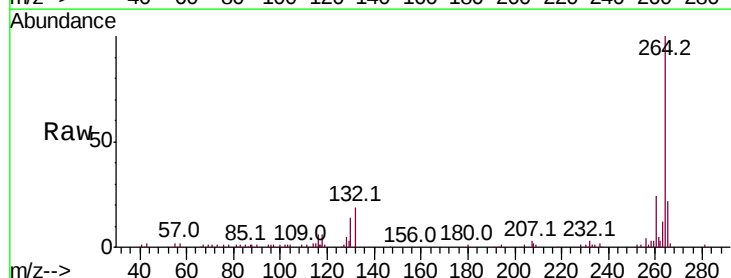
Tgt Ion:264 Resp: 103849

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 22.2 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

