

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
 Data File : BF110674.D
 Acq On : 12 Nov 2018 15:08
 Operator : JU/SJ
 Sample : J5892-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 12 16:24:26 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

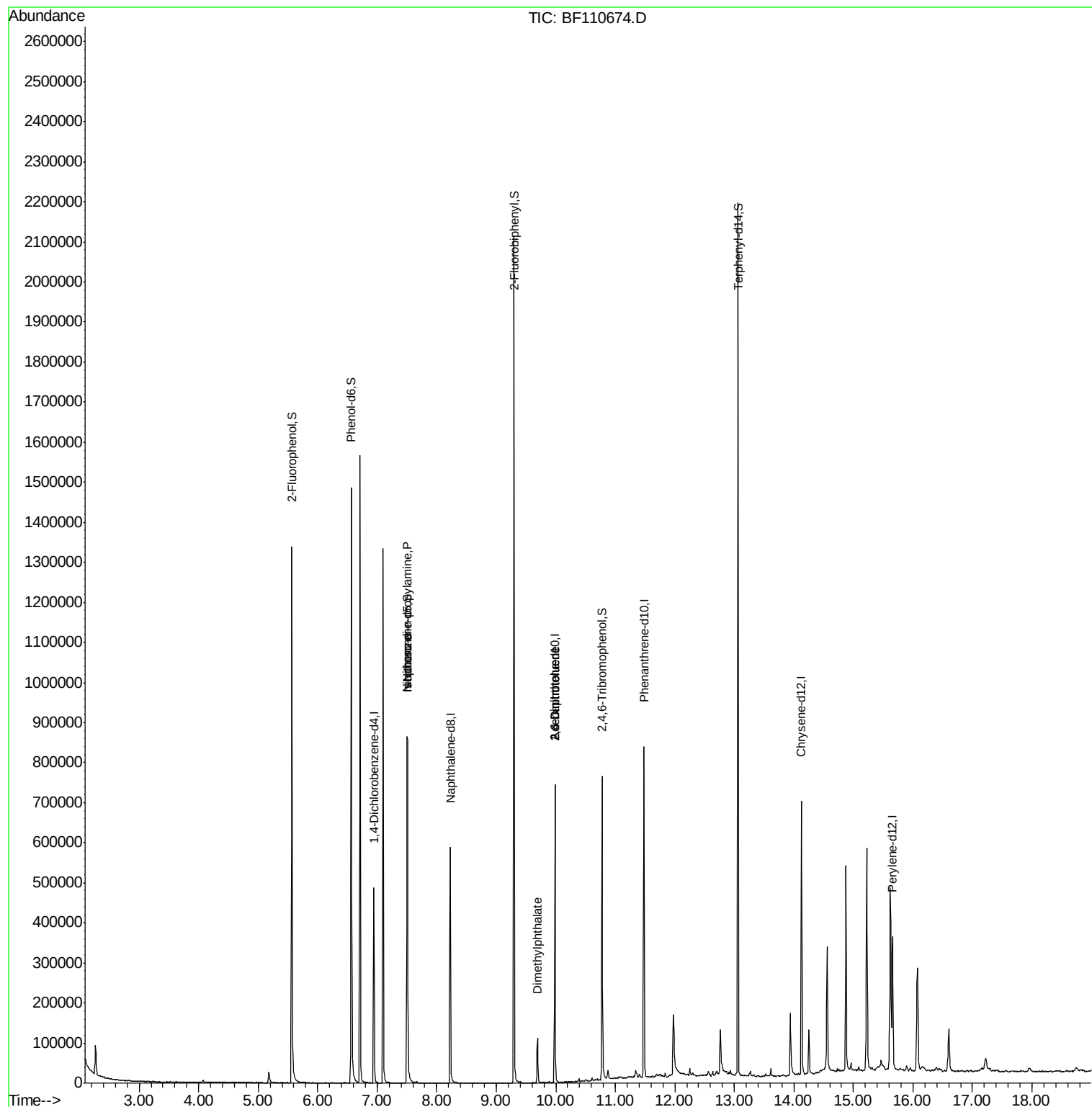
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	74156	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	309863	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	148204	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	293738	20.00	ng	0.00
76) Chrysene-d12	14.13	240	230017	20.00	ng	-0.01
87) Perylene-d12	15.66	264	154465	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	388633	85.13	ng	0.00
7) Phenol-d6	6.57	99	499843	85.62	ng	0.00
23) Nitrobenzene-d5	7.50	82	316082	58.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	93135	62.37	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	631262	60.83	ng	0.00
79) Terphenyl-d14	13.06	244	685893	55.84	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	758	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propylamine	7.50	70	41923	11.250	ng	# 79
25) Isophorone	7.50	82	316078	35.842	ng	# 67
50) Dimethylphthalate	9.69	163	47772	4.320	ng	100
51) 2,6-Dinitrotoluene	9.99	165	18888	7.764	ng	# 23
57) 2,4-Dinitrotoluene	9.99	165	18888	5.972	ng	# 19

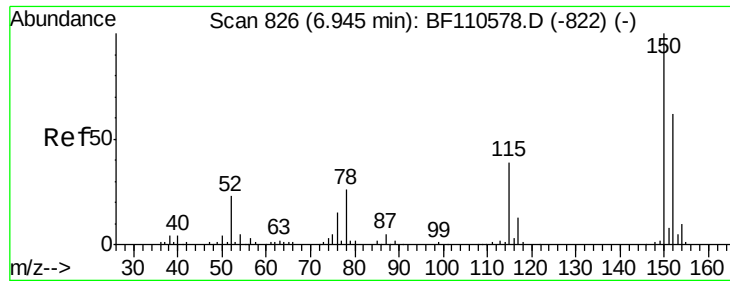
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
Data File : BF110674.D
Acq On : 12 Nov 2018 15:08
Operator : JU/SJ
Sample : J5892-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 12 16:24:26 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



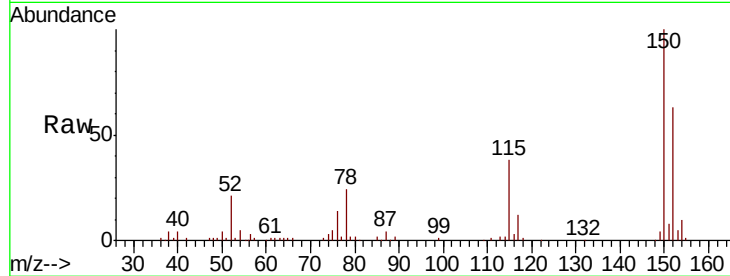


#1

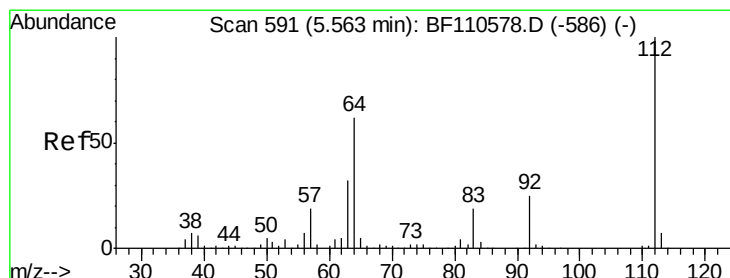
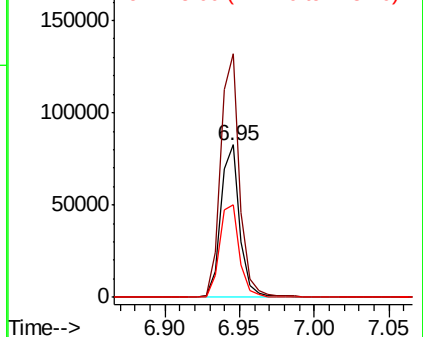
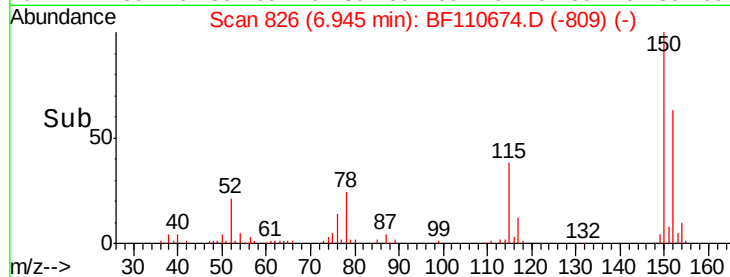
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110674.D
Acq: 12 Nov 2018 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 74156
Ion Ratio Lower Upper
152 100
150 159.9 122.7 184.1
115 60.5 49.1 73.7



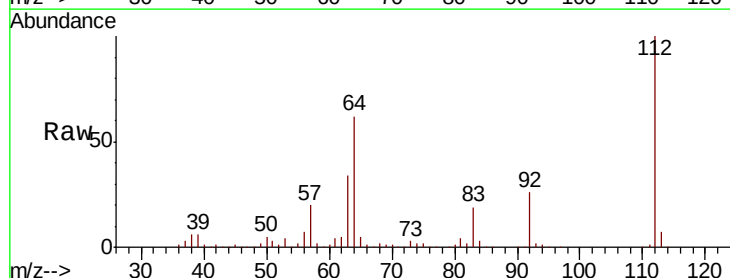
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



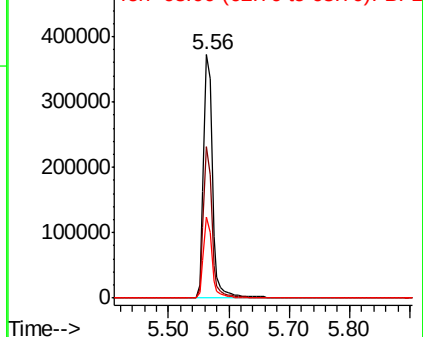
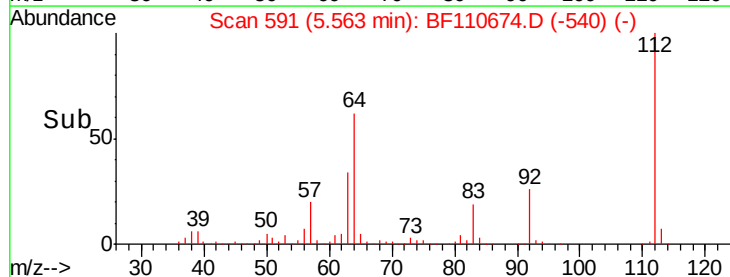
#5

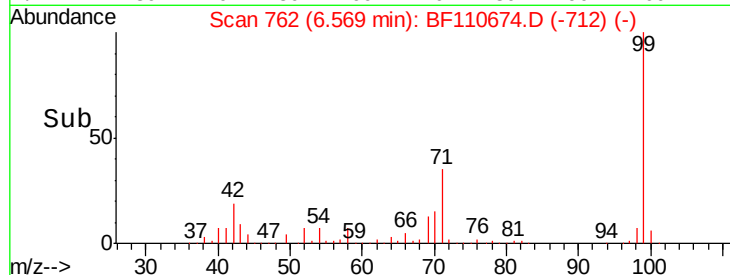
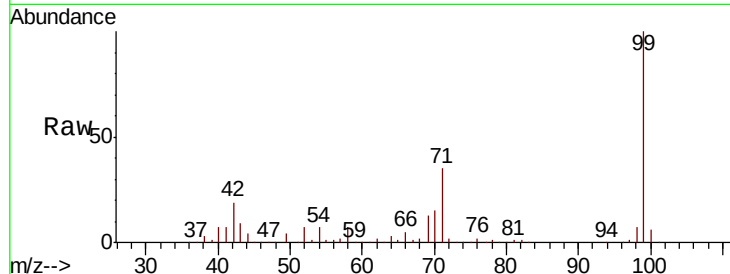
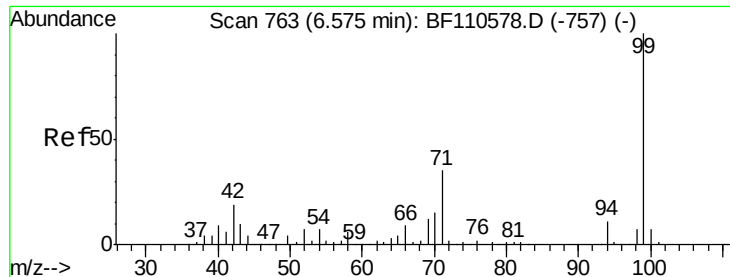
2-Fluorophenol
Concen: 85.126 ng
RT: 5.56 min Scan# 591
Delta R.T. 0.00 min
Lab File: BF110674.D
Acq: 12 Nov 2018 15:08

Tgt Ion:112 Resp: 388633
Ion Ratio Lower Upper
112 100
64 62.2 44.1 66.1
63 33.5 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

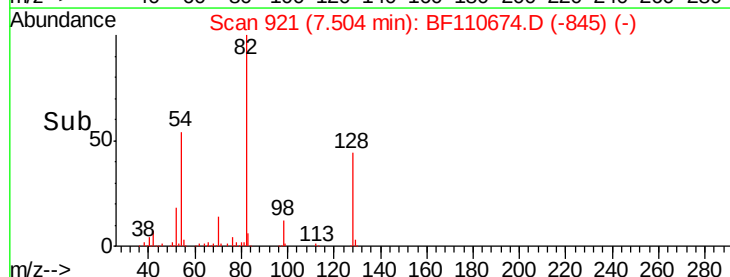
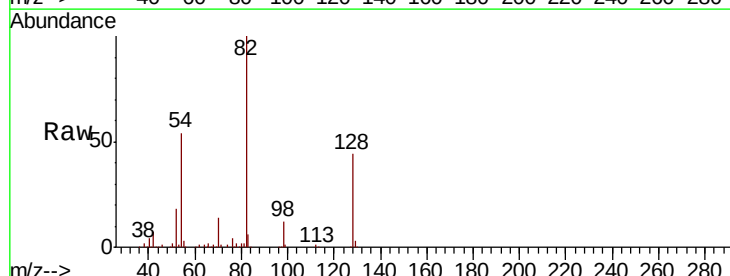
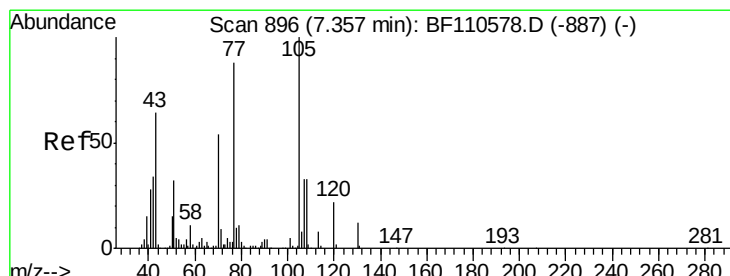
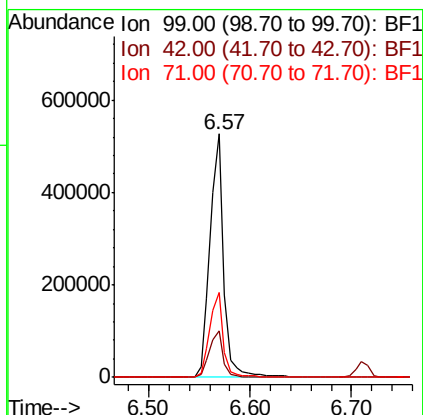




#7
 Phenol-d6
 Concen: 85.619 ng
 RT: 6.57 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF110674.D
 Acq: 12 Nov 2018 15:08

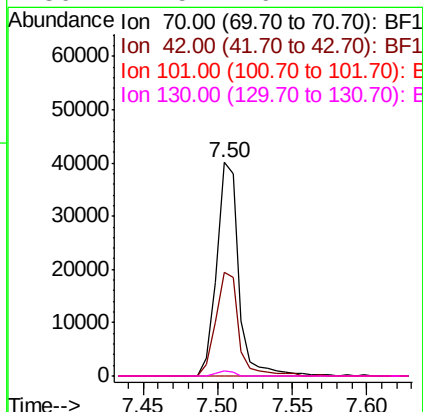
Instrument :
 BNA_F
 ClientSampleId :

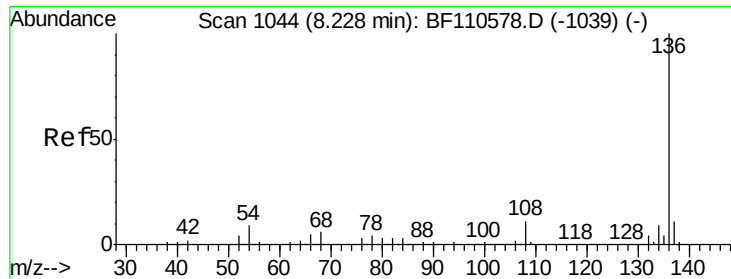
Tot Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.8	23.6
71	34.8	28.0	42.0



#19
 n-Nitroso-di-n-propylamine
 Concen: 11.250 ng
 RT: 7.50 min Scan# 921
 Delta R.T. 0.15 min
 Lab File: BF110674.D
 Acq: 12 Nov 2018 15:08

Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.5	47.4	71.2
101	0.0	7.3	10.9#
130	2.5	16.2	24.2#

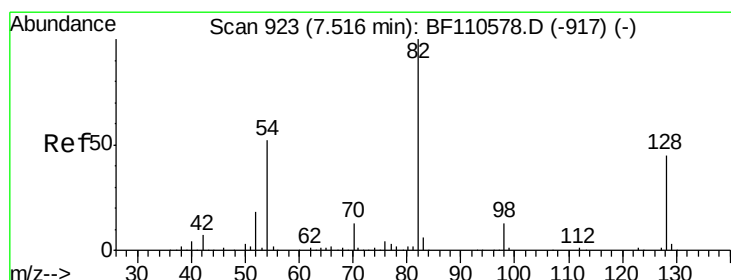
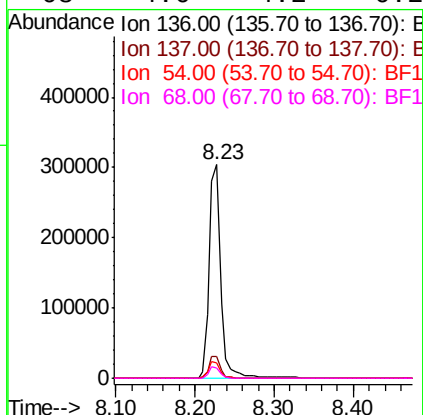
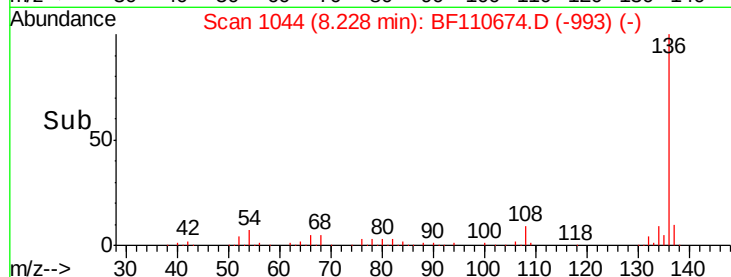
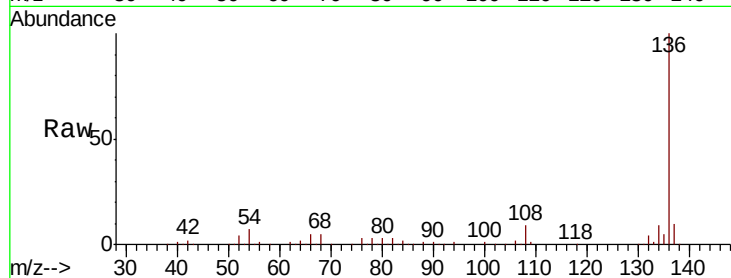




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110674.D
Acq: 12 Nov 2018 15:08

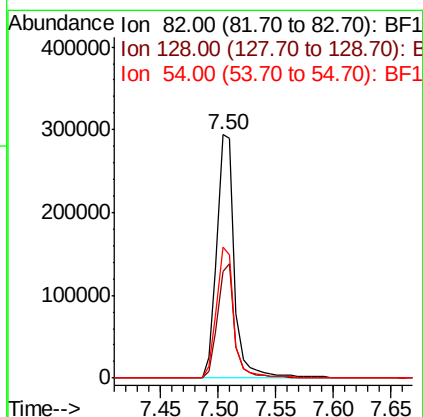
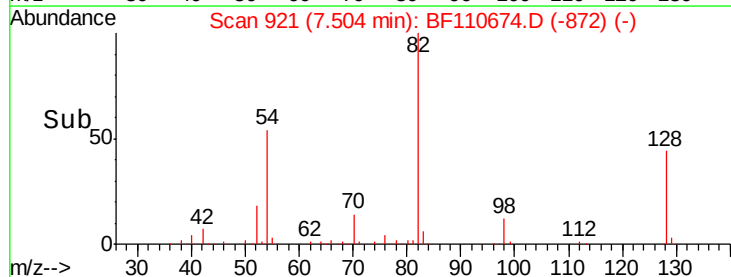
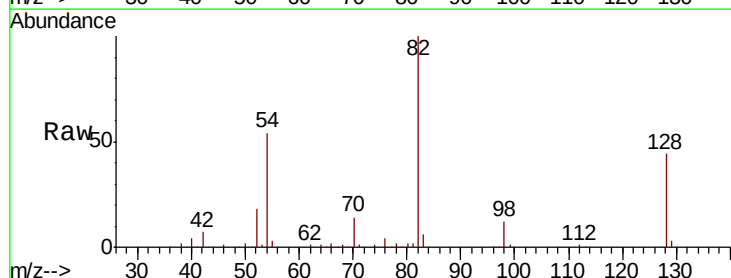
Instrument :
BNA_F
ClientSampleId :

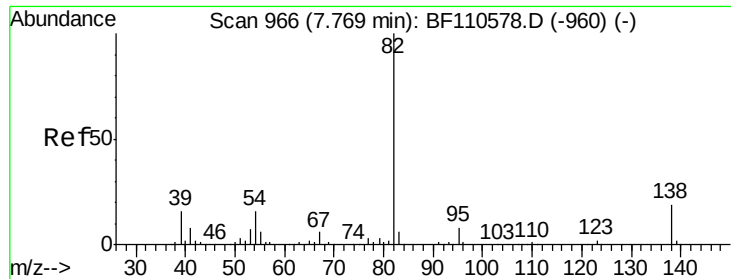
Tot Ion:136	Resp:	309863
Ion Ratio	Lower	Upper
136	100	
137	10.5	8.8 13.2
54	7.4	5.4 8.2
68	4.6	4.2 6.2



#23
Nitrobenzene-d5
Concen: 58.745 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110674.D
Acq: 12 Nov 2018 15:08

Tgt Ion: 82	Resp:	316082
Ion Ratio	Lower	Upper
82	100	
128	43.7	34.2 51.2
54	53.9	38.6 58.0

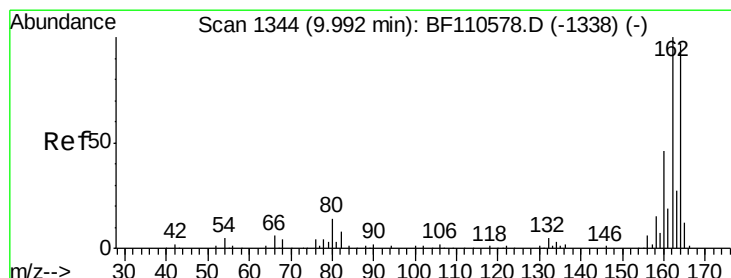
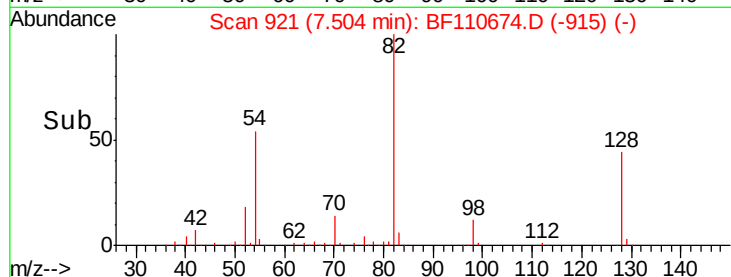
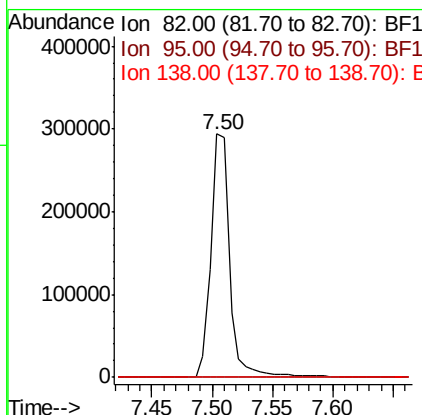
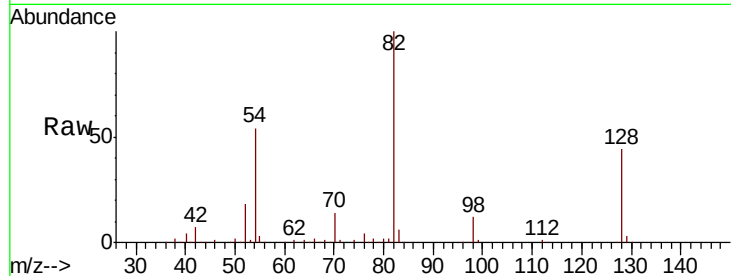




#25
Isophorone
Concen: 35.842 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110674.D
Acq: 12 Nov 2018 15:08

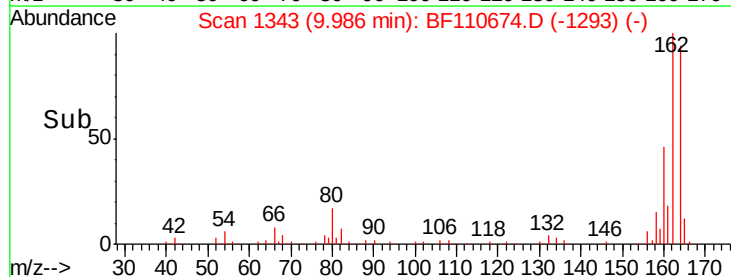
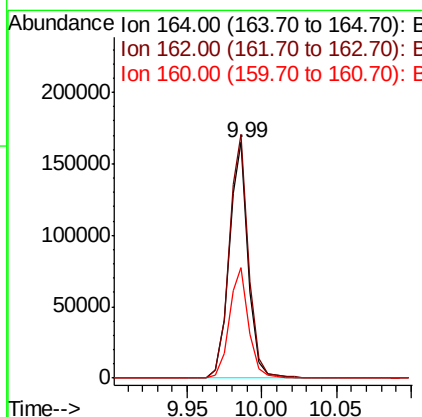
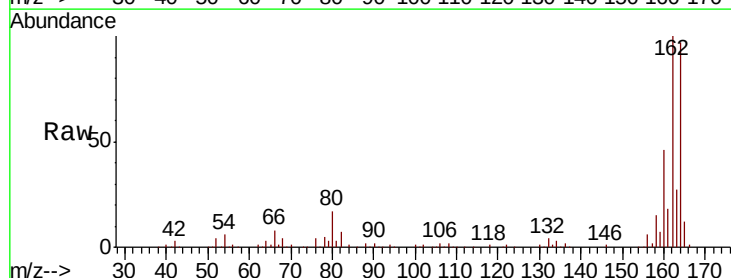
Instrument :
BNA_F
ClientSampleId :

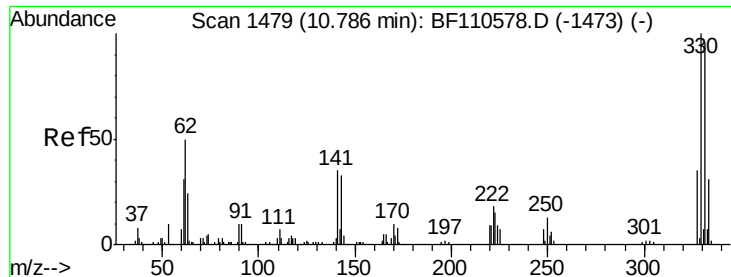
Tot Ion: 82 Resp: 316078
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110674.D
Acq: 12 Nov 2018 15:08

Tgt Ion:164 Resp: 148204
Ion Ratio Lower Upper
164 100
162 103.3 83.0 124.6
160 47.1 37.0 55.6

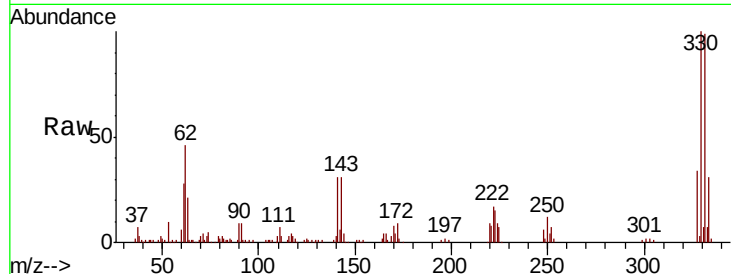




#42
 2,4,6-Tribromophenol
 Concen: 62.367 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110674.D
 Acq: 12 Nov 2018 15:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	330	Resp	93135
Ion Ratio	100	Lower	Upper
330	100	77.1	115.7
332	97.0	27.0	40.4
141	37.7		

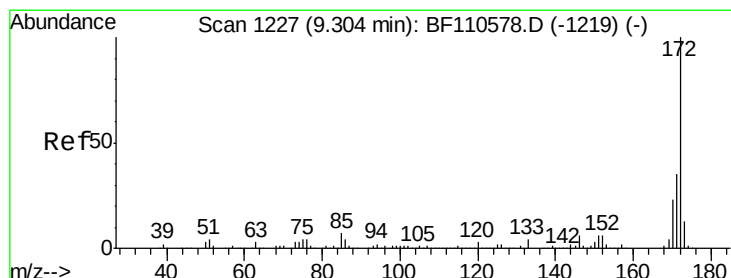
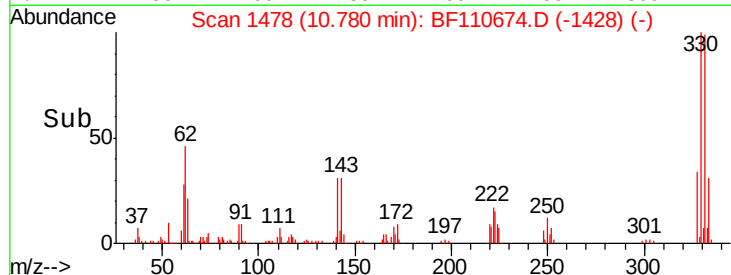
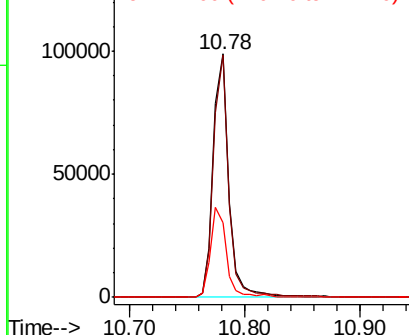


Abundance

Ion 329.80 (329.50 to 330.50): E

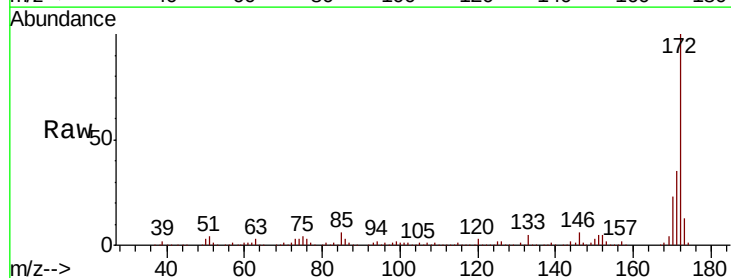
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 60.832 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110674.D
 Acq: 12 Nov 2018 15:08

Tgt Ion	172	Resp	631262
Ion Ratio	100	Lower	Upper
172	100	28.6	43.0
171	35.2	19.7	29.5
170	23.4		

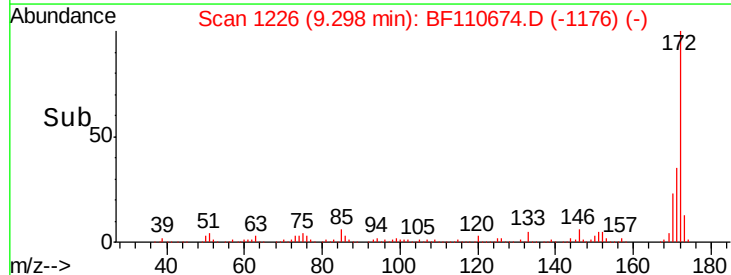
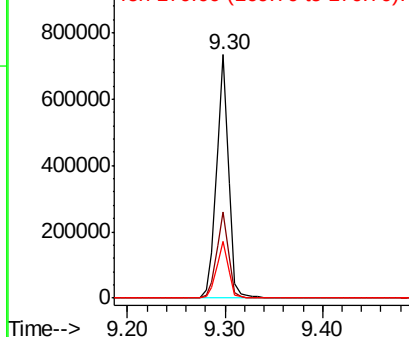


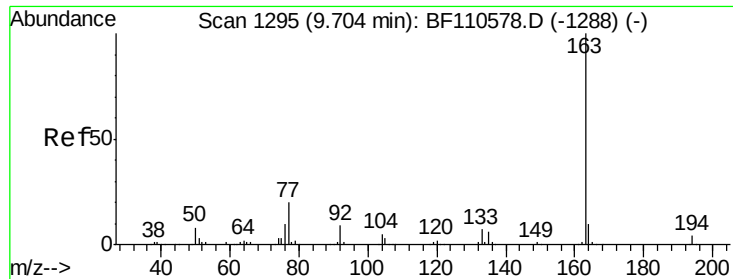
Abundance

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

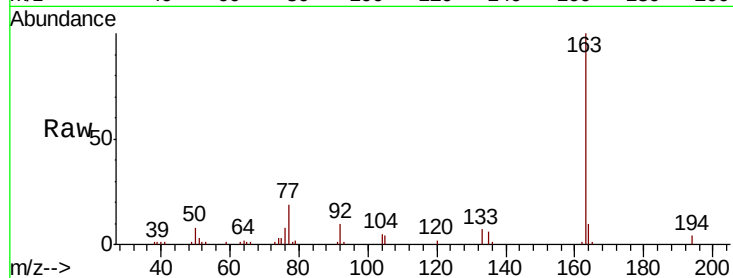




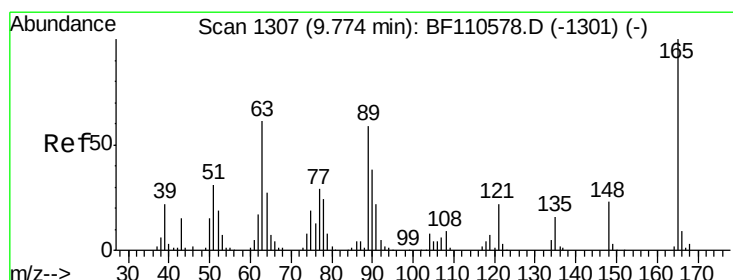
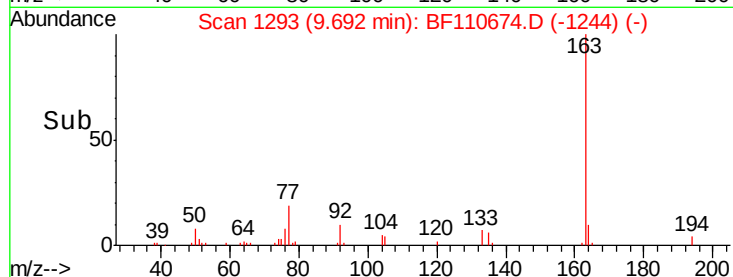
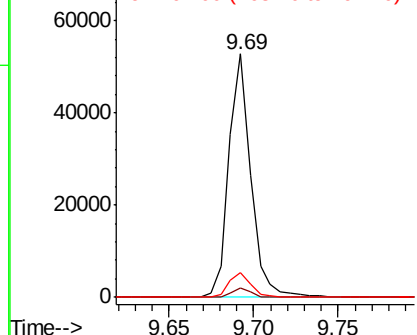
#50
Dimethylphthalate
Concen: 4.320 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110674.D
Acq: 12 Nov 2018 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 47772
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.1 8.1 12.1

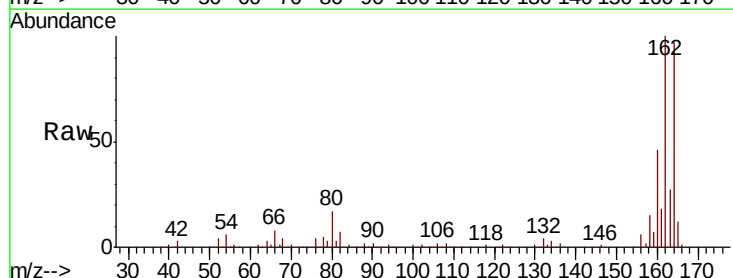


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

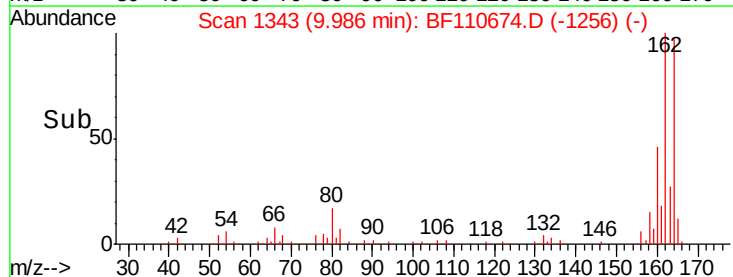
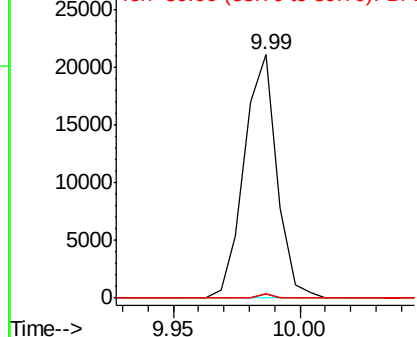


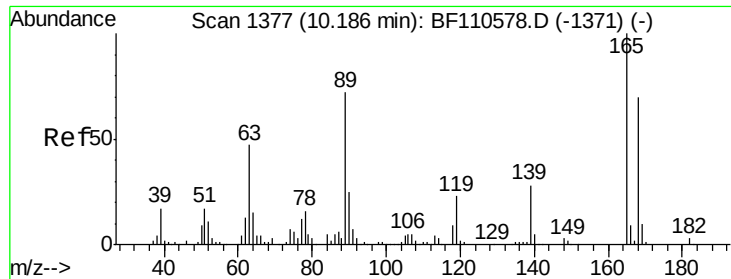
#51
2,6-Dinitrotoluene
Concen: 7.764 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.21 min
Lab File: BF110674.D
Acq: 12 Nov 2018 15:08

Tgt Ion:165 Resp: 18888
Ion Ratio Lower Upper
165 100
63 1.8 48.9 73.3#
89 1.7 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

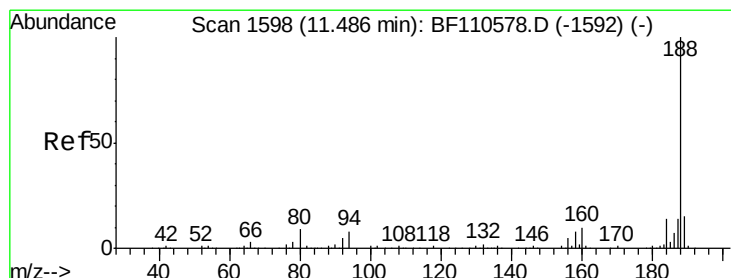
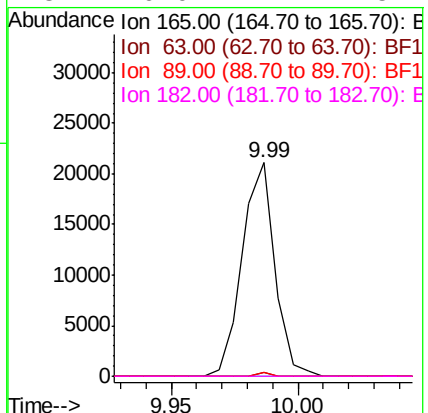
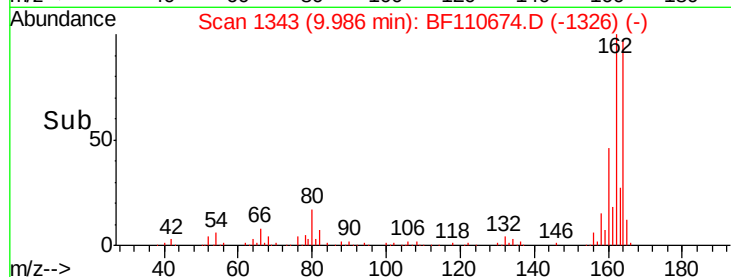
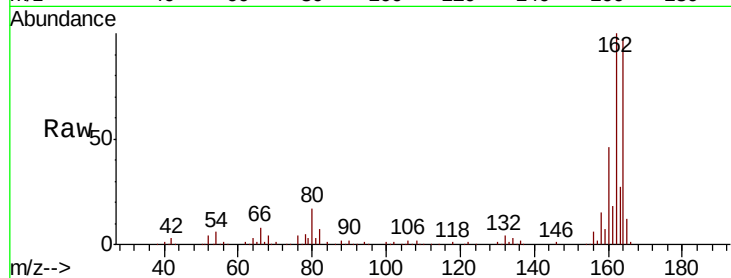




#57
 2,4-Dinitrotoluene
 Concen: 5.972 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110674.D
 Acq: 12 Nov 2018 15:08

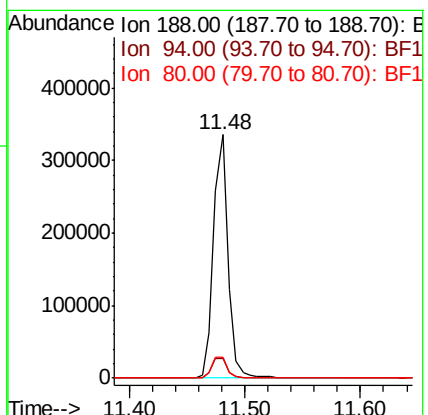
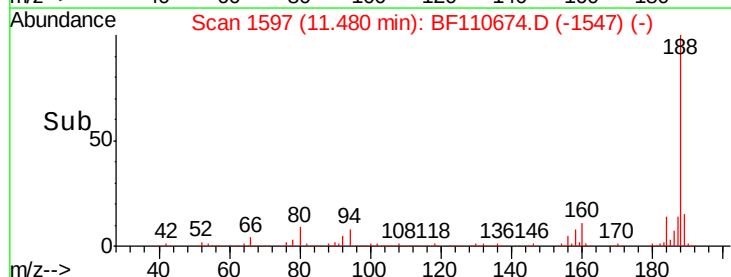
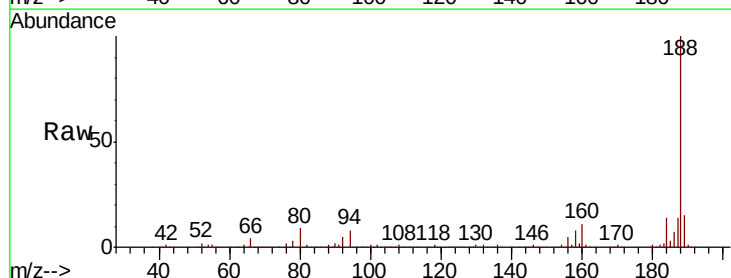
Instrument :
 BNA_F
 ClientSampleId :

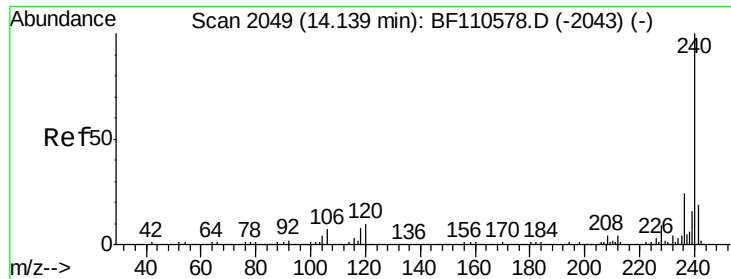
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.8	44.8	67.2#
89	1.7	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110674.D
 Acq: 12 Nov 2018 15:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	7.2	10.8
80	8.6	7.9	11.9

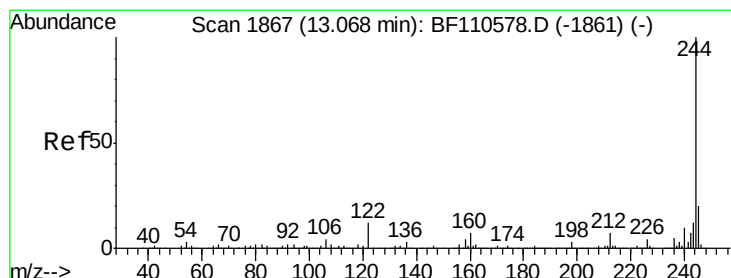
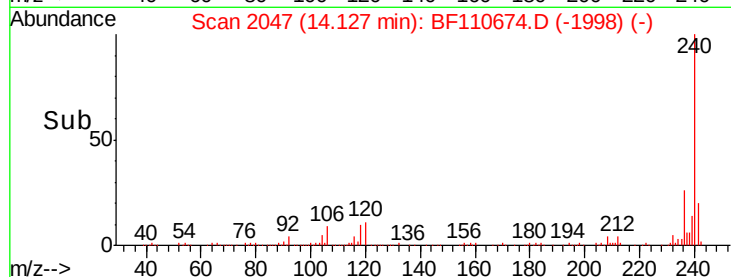
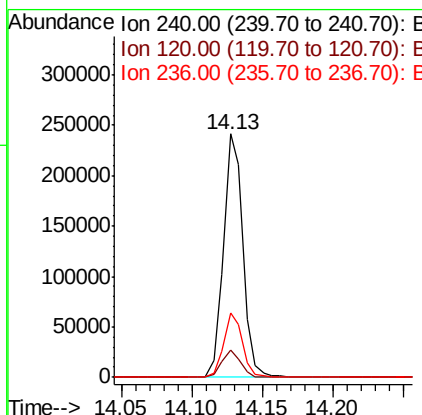
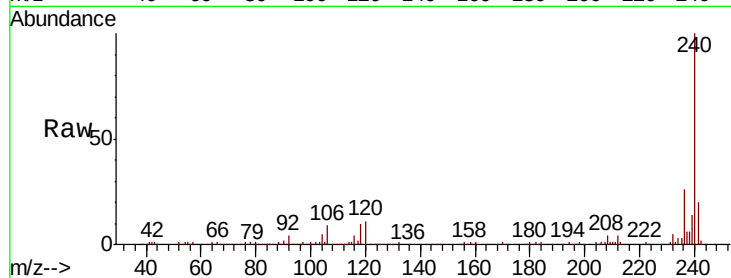




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110674.D
Acq: 12 Nov 2018 15:08

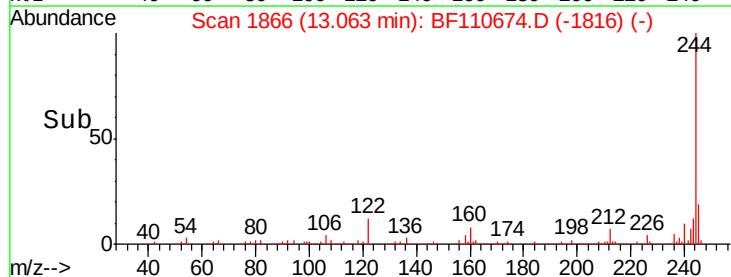
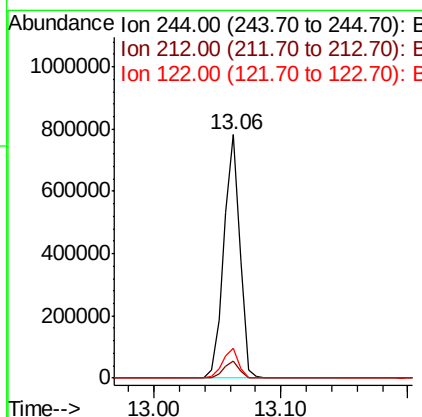
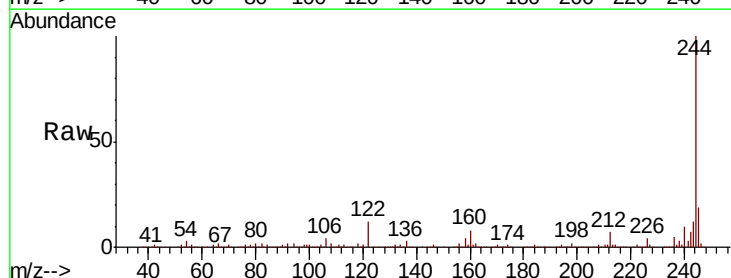
Instrument :
BNA_F
ClientSampleId :

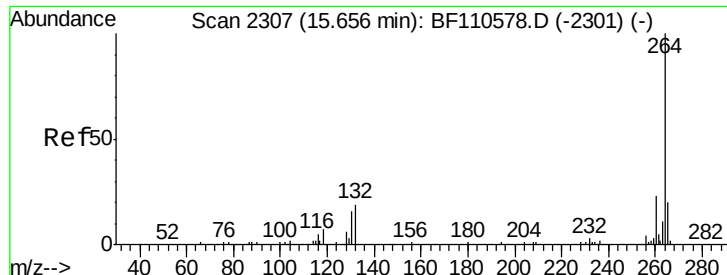
Tot Ion:240 Resp: 230017
Ion Ratio Lower Upper
240 100
120 11.4 8.3 12.5
236 26.2 21.2 31.8



#79
Terphenyl-d14
Concen: 55.844 ng
RT: 13.06 min Scan# 1866
Delta R.T. -0.01 min
Lab File: BF110674.D
Acq: 12 Nov 2018 15:08

Tgt Ion:244 Resp: 685893
Ion Ratio Lower Upper
244 100
212 7.0 5.8 8.8
122 12.1 8.7 13.1

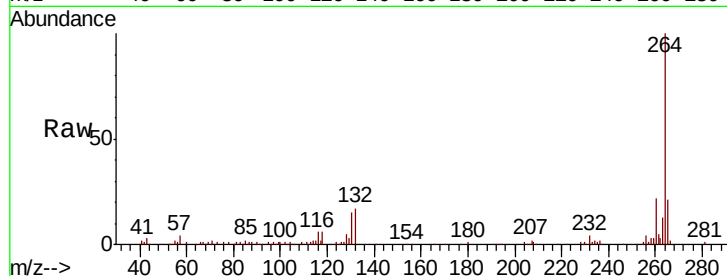




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.66 min Scan# 2307
Delta R.T. 0.00 min
Lab File: BF110674.D
Acq: 12 Nov 2018 15:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	18.7	28.1
265	21.2	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

