

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110661.D
 Acq On : 10 Nov 2018 7:08
 Operator : JU/SJ
 Sample : J5881-12
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 03:27:41 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

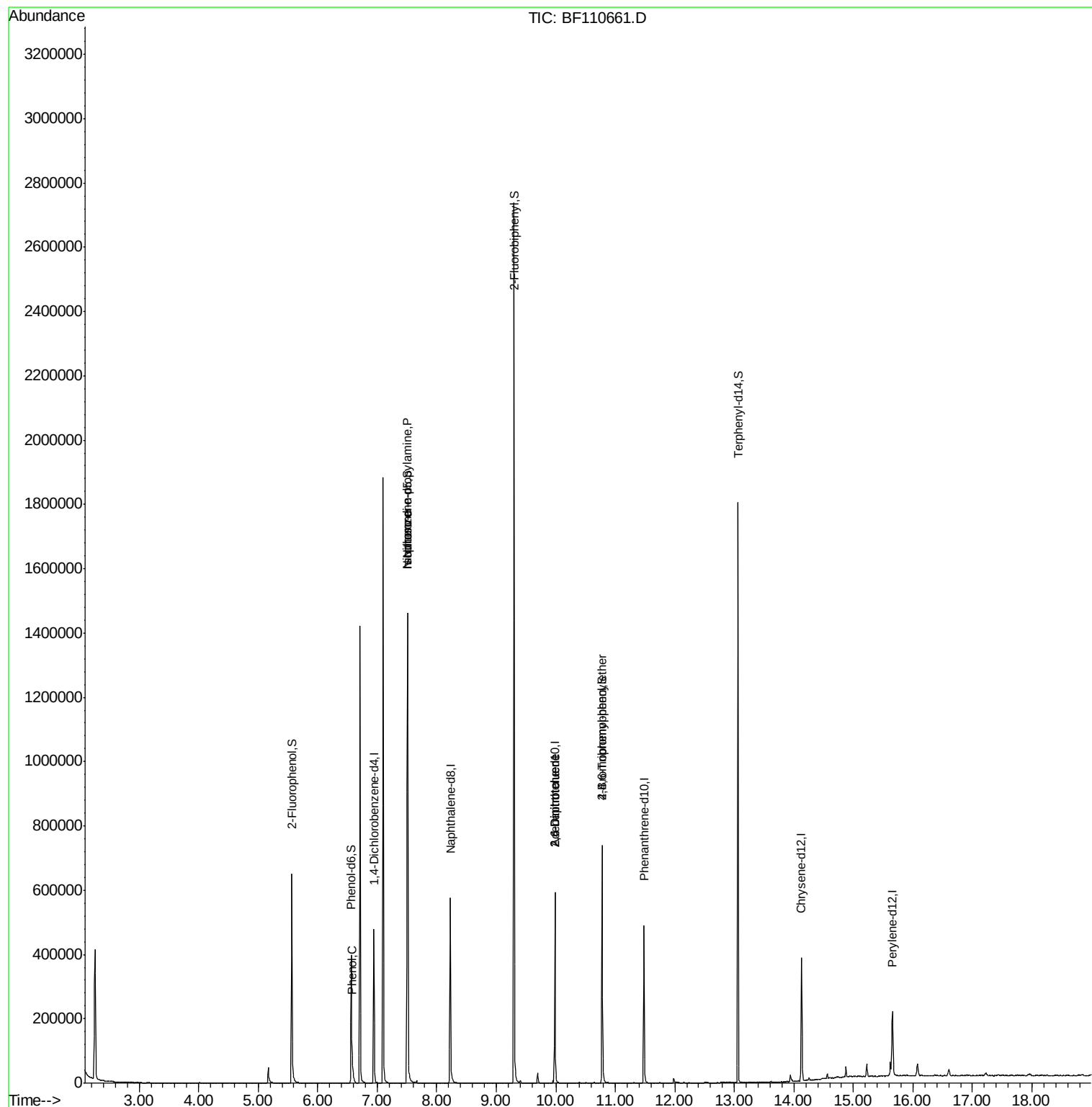
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	70430	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	296037	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	122330	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	185215	20.00	ng	0.00
76) Chrysene-d12	14.13	240	142545	20.00	ng	-0.01
87) Perylene-d12	15.66	264	104579	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	187891	43.33	ng	0.00
7) Phenol-d6	6.56	99	143112	25.81	ng	-0.01
23) Nitrobenzene-d5	7.51	82	521570	101.46	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	94646	76.78	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	932984	108.92	ng	0.00
79) Terphenyl-d14	13.06	244	568719	74.72	ng	0.00
Target Compounds						
10) Phenol	6.58	94	17924	2.788	ng	# 68
19) n-Nitroso-di-n-propylamine	7.51	70	68700	19.410	ng	# 80
25) Isophorone	7.51	82	521566	61.905	ng	# 67
51) 2,6-Dinitrotoluene	9.99	165	15674	7.806	ng	# 21
57) 2,4-Dinitrotoluene	9.99	165	15674	6.004	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	5792	2.830	ng	# 1

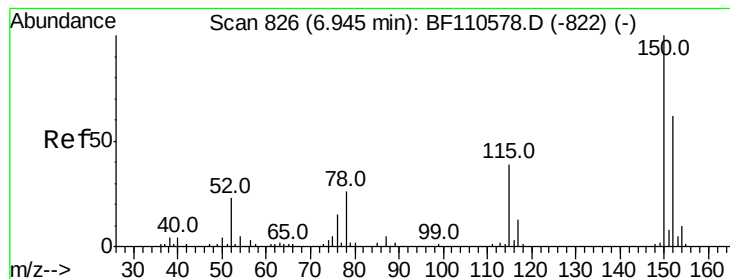
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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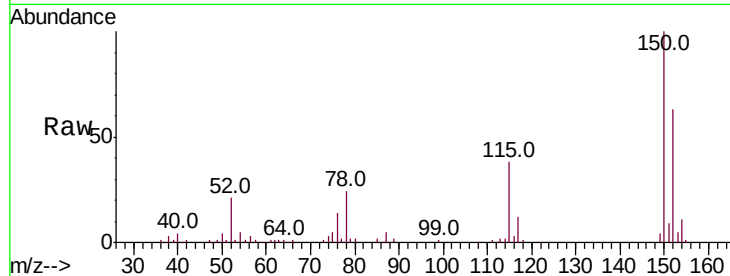


#1

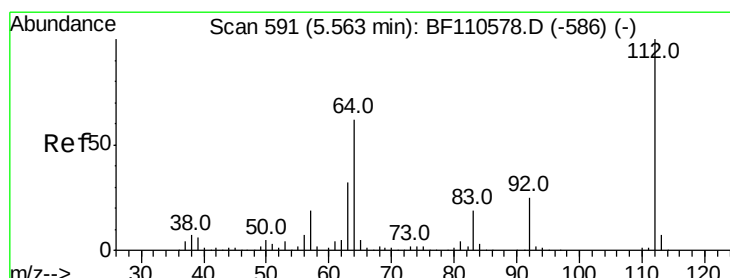
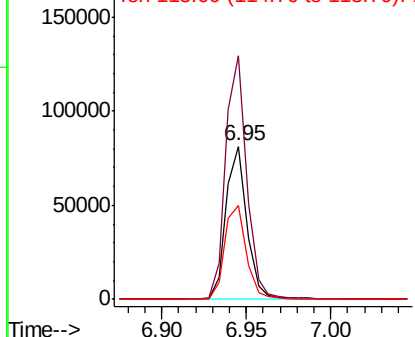
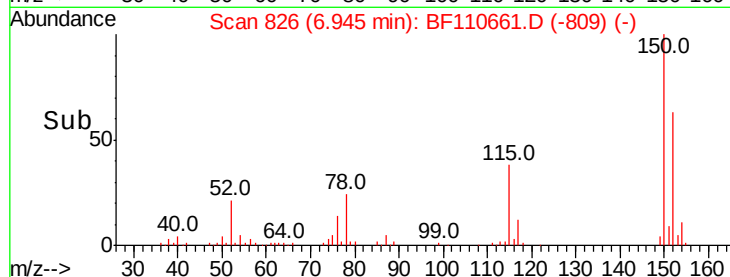
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 826
 Delta R.T. 0.00 min
 Lab File: BF110661.D
 Acq: 10 Nov 2018 7:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.4	122.7	184.1
115	61.2	49.1	73.7



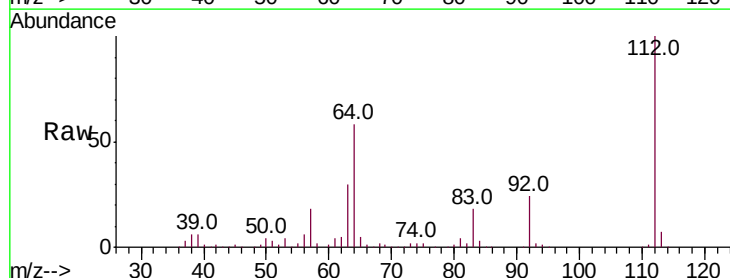
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



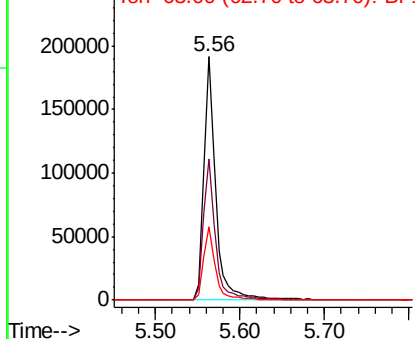
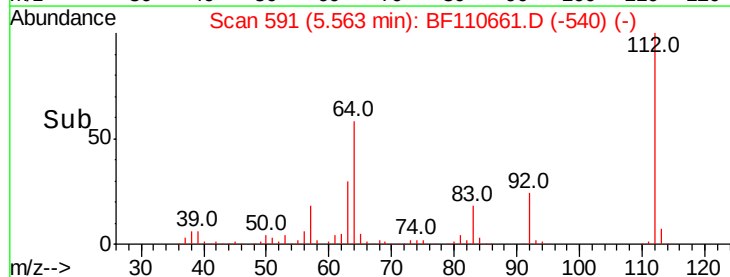
#5

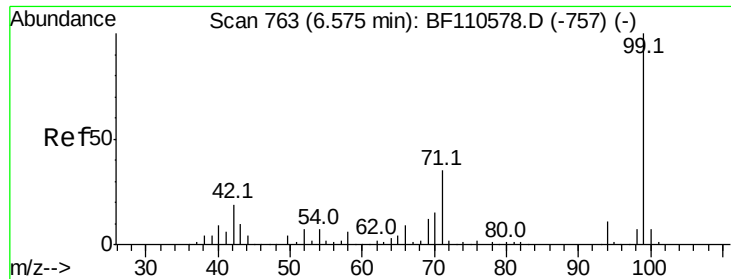
2-Fluorophenol
 Concen: 43.333 ng
 RT: 5.56 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF110661.D
 Acq: 10 Nov 2018 7:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.9	44.1	66.1
63	30.1	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: 25.811 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110661.D

Acq: 10 Nov 2018 7:08

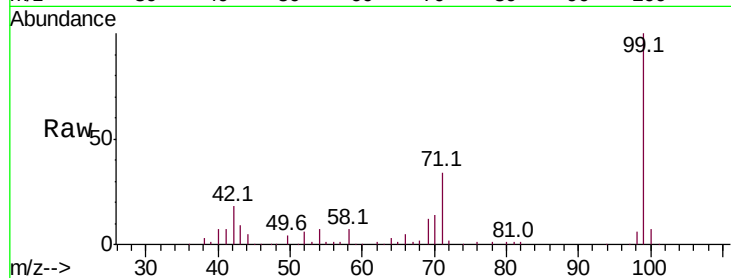
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 143112

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.8	23.6
71	33.6	28.0	42.0

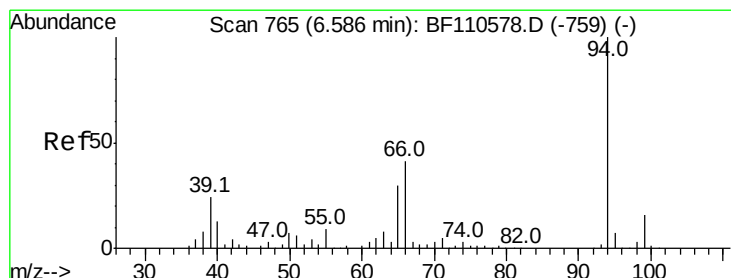
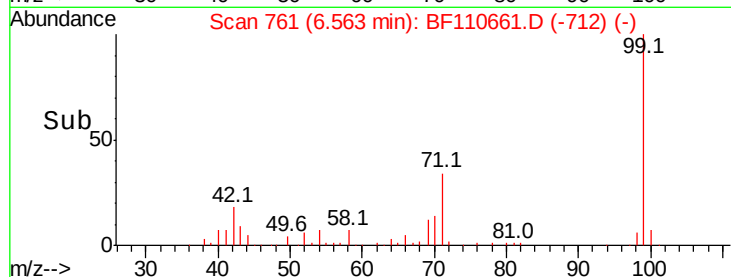
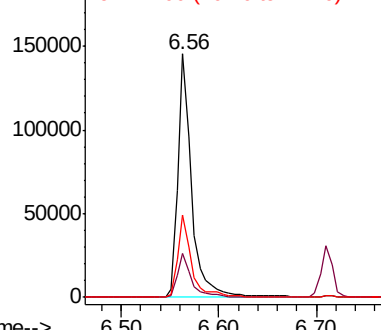


Abundance

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



#10

Phenol

Concen: 2.788 ng

RT: 6.58 min Scan# 764

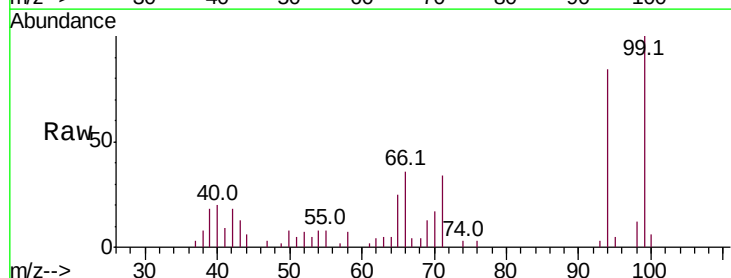
Delta R.T. -0.01 min

Lab File: BF110661.D

Acq: 10 Nov 2018 7:08

Tgt Ion: 94 Resp: 17924

Ion	Ratio	Lower	Upper
94	100		
65	29.6	25.3	65.3
66	43.4	54.5	94.5#

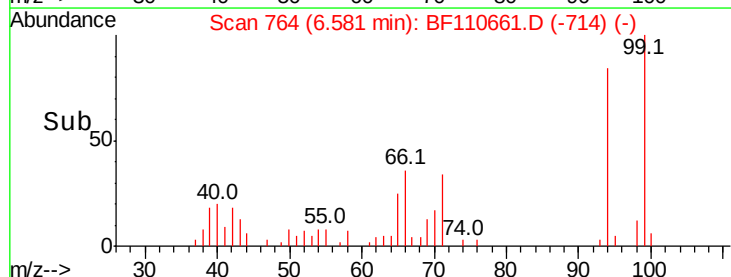
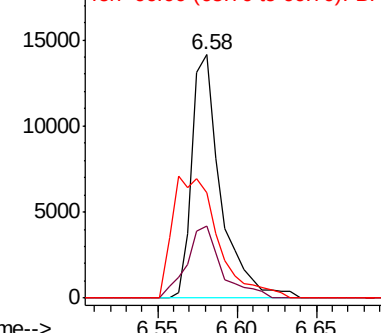


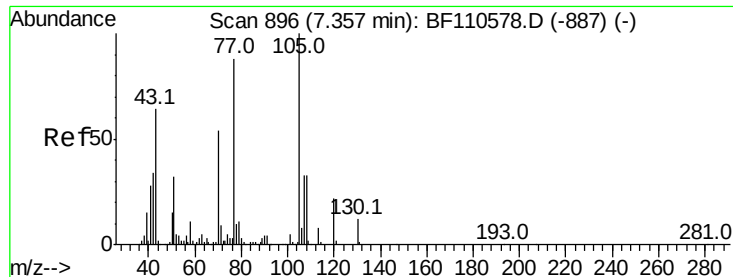
Abundance

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

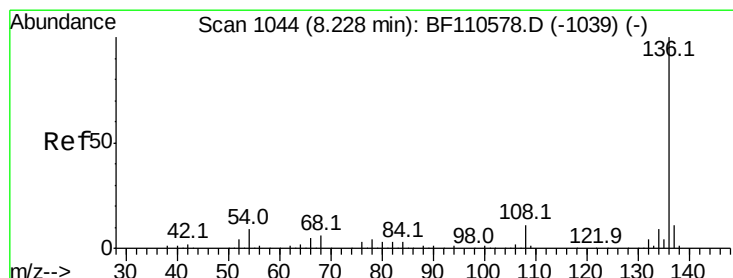
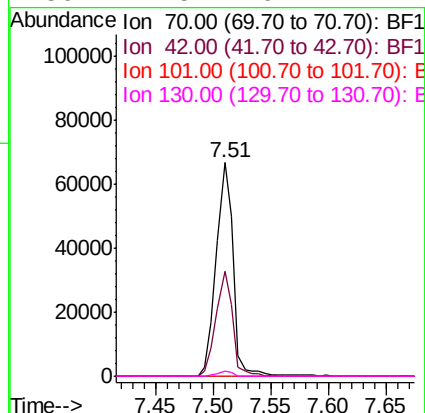
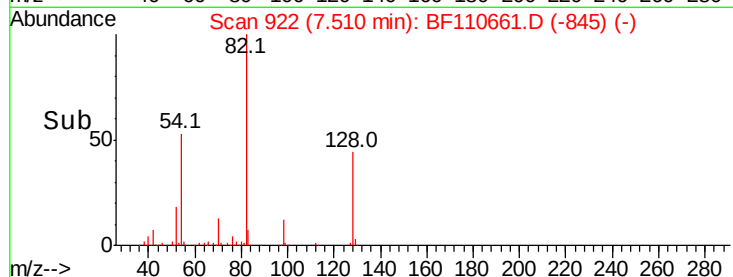
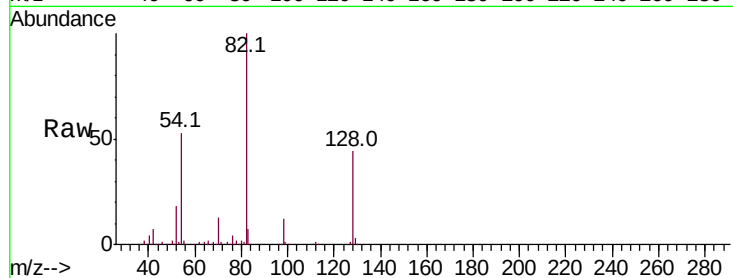




#19
n-Nitroso-di-n-propylamine
Concen: 19.410 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110661.D
Acq: 10 Nov 2018 7:08

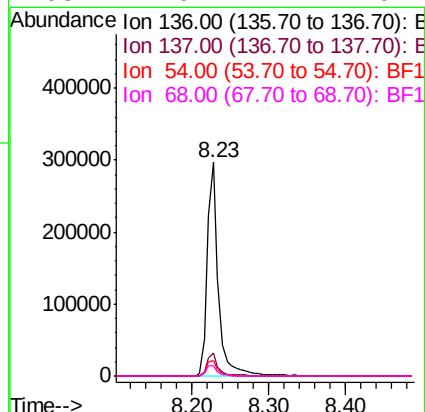
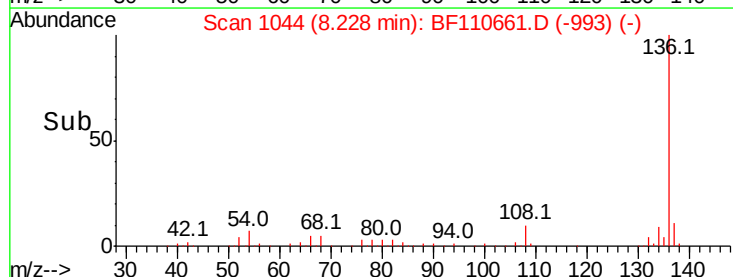
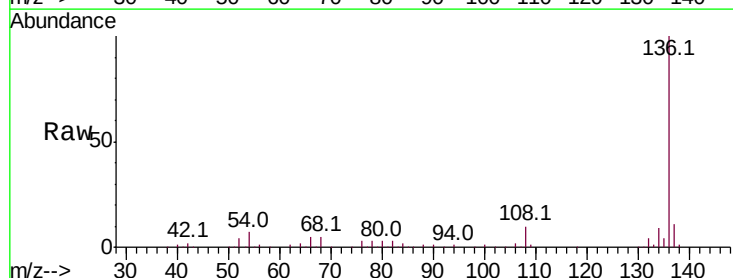
Instrument :
BNA_F
ClientSampleId :

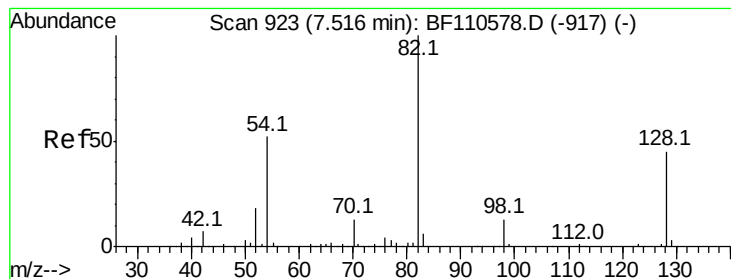
Tot Ion: 70 Resp: 68700
Ion Ratio Lower Upper
70 100
42 49.3 47.4 71.2
101 0.0 7.3 10.9#
130 2.5 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110661.D
Acq: 10 Nov 2018 7:08

Tgt Ion:136 Resp: 296037
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 7.4 5.4 8.2
68 4.9 4.2 6.2





#23

Nitrobenzene-d5

Concen: 101.464 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110661.D

Acq: 10 Nov 2018 7:08

Instrument :

BNA_F

ClientSampleId :

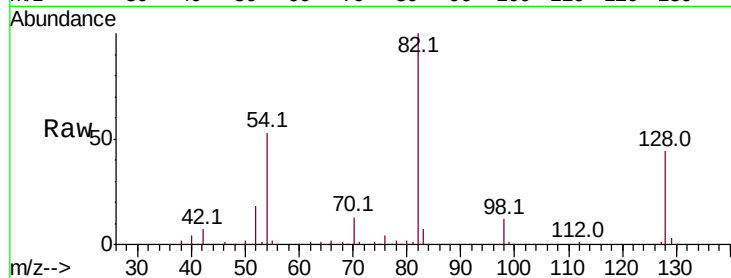
Tot Ion: 82 Resp: 521570

Ion Ratio Lower Upper

82 100

128 44.3 34.2 51.2

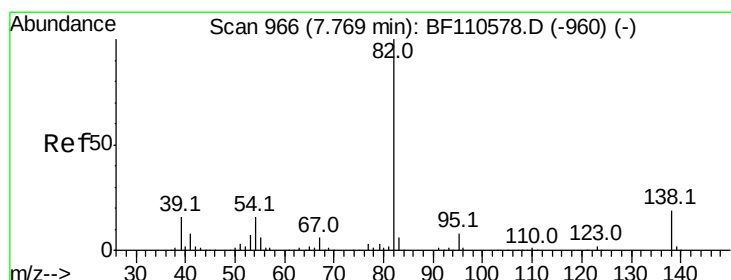
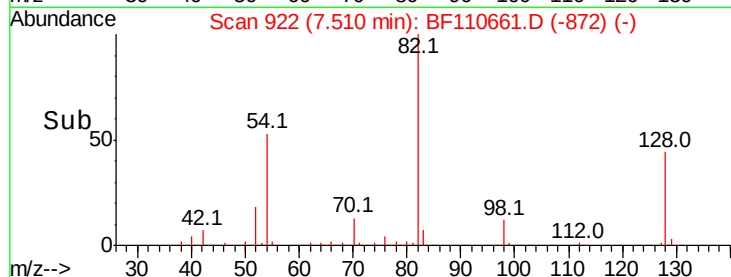
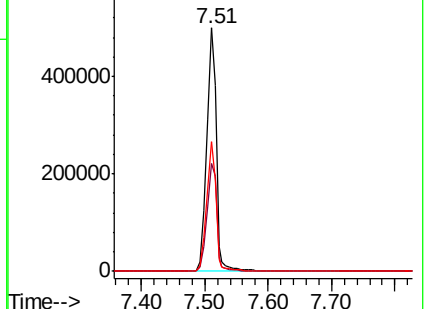
54 53.2 38.6 58.0



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: 61.905 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110661.D

Acq: 10 Nov 2018 7:08

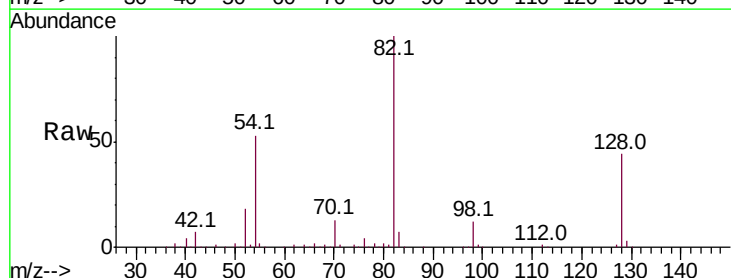
Tgt Ion: 82 Resp: 521566

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

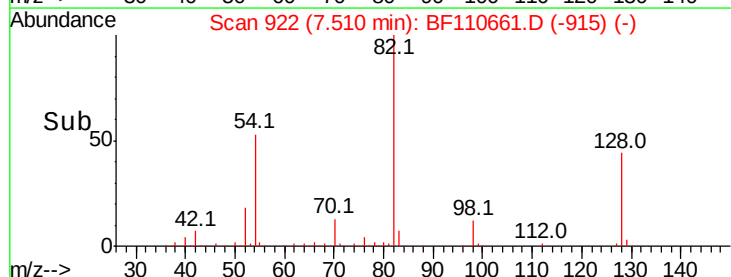
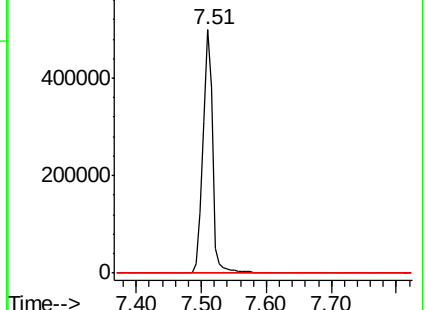
138 0.0 13.2 19.8#

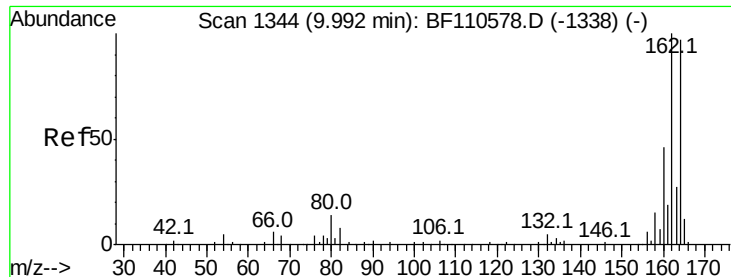


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

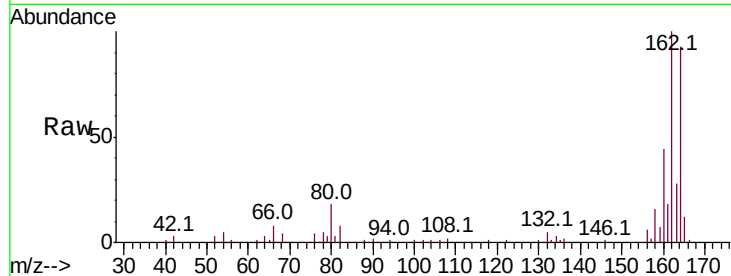




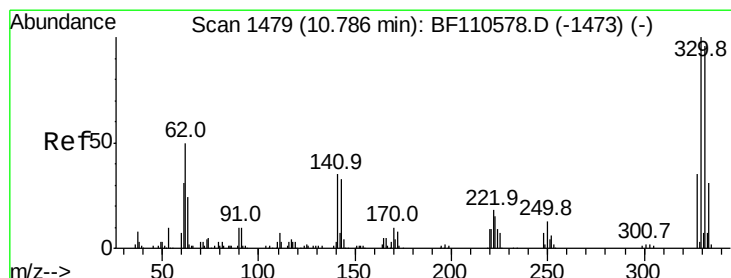
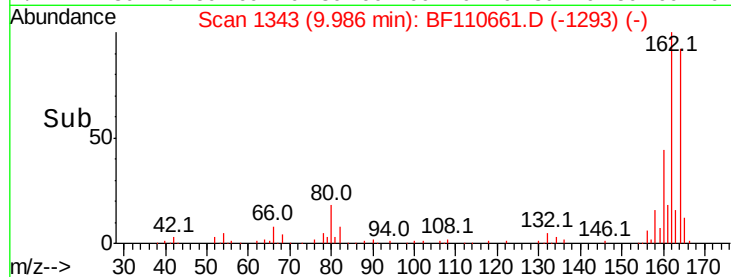
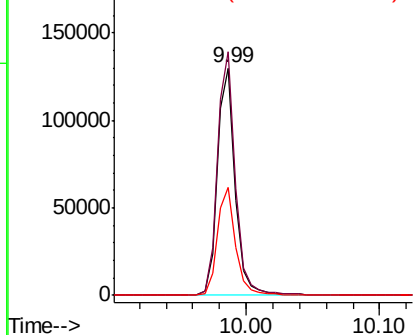
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110661.D
Acq: 10 Nov 2018 7:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 122330
Ion Ratio Lower Upper
164 100
162 107.1 83.0 124.6
160 47.6 37.0 55.6

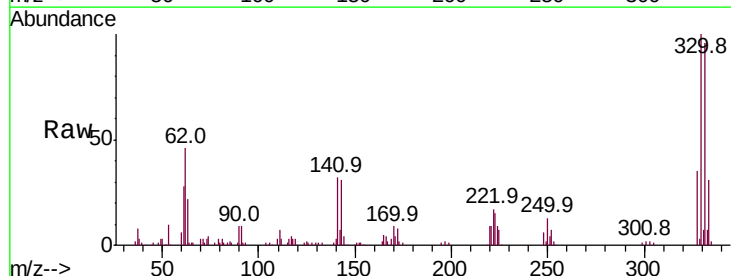


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

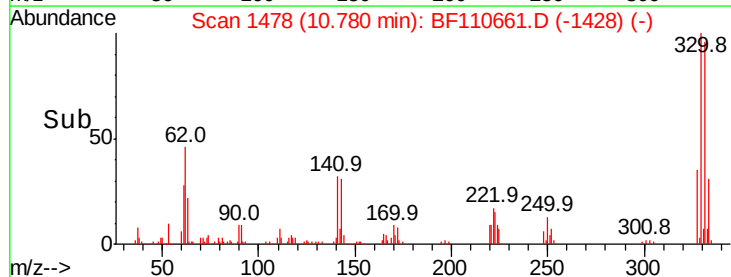
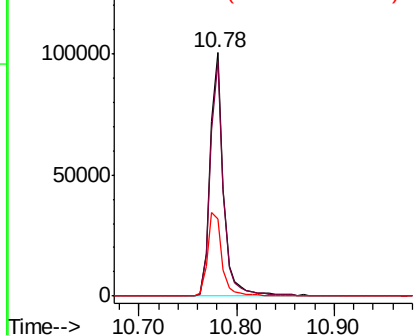


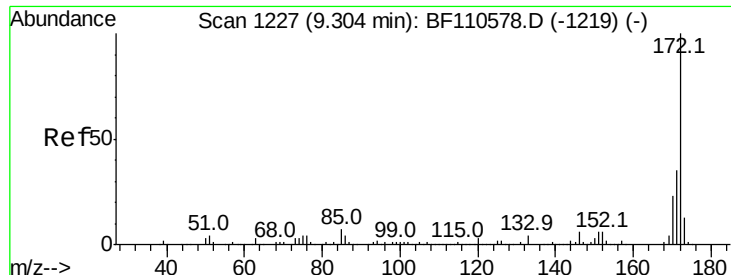
#42
2,4,6-Tribromophenol
Concen: 76.784 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110661.D
Acq: 10 Nov 2018 7:08

Tgt Ion:330 Resp: 94646
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 37.1 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

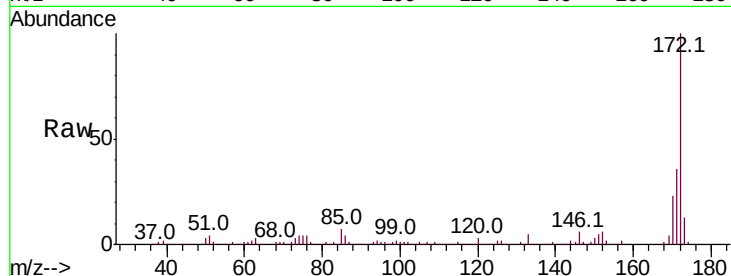




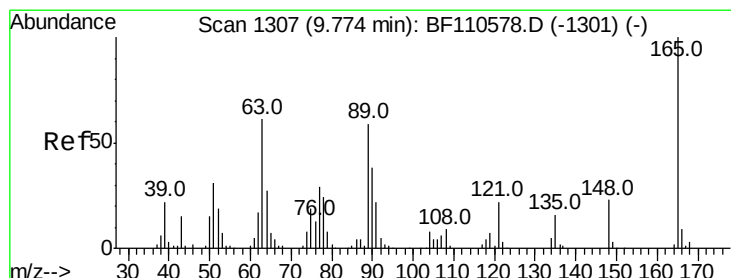
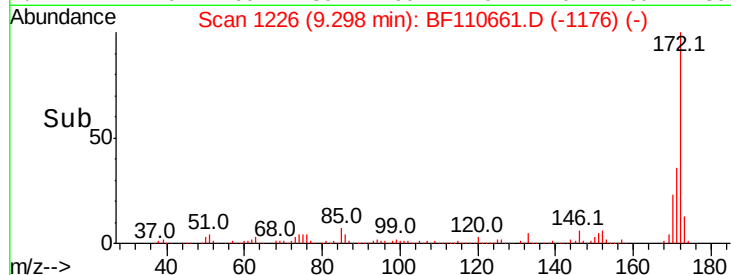
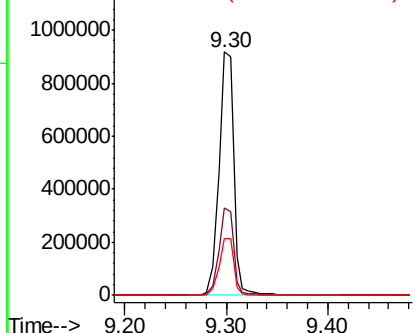
#45
 2-Fluorobiphenyl
 Concen: 108.924 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110661.D
 Acq: 10 Nov 2018 7:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 932984
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 23.4 19.7 29.5

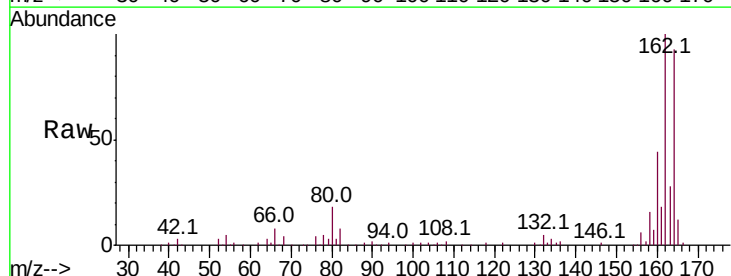


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

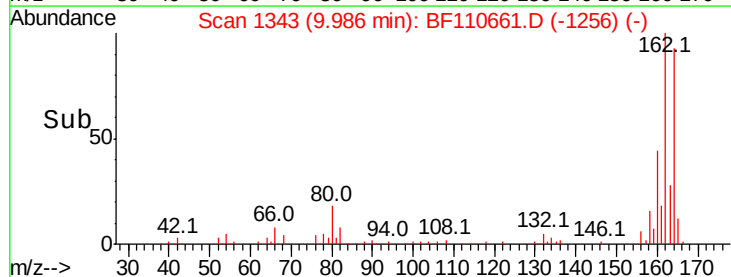
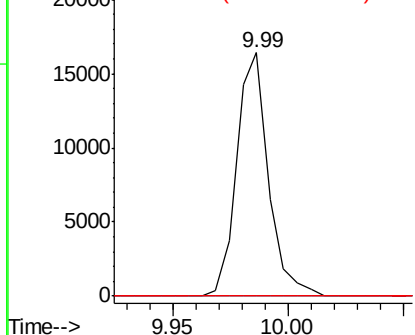


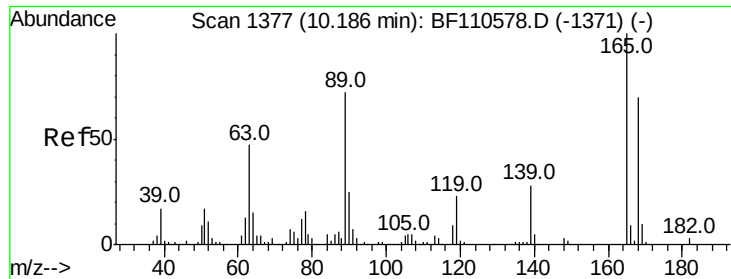
#51
 2,6-Dinitrotoluene
 Concen: 7.806 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.21 min
 Lab File: BF110661.D
 Acq: 10 Nov 2018 7:08

Tgt Ion:165 Resp: 15674
 Ion Ratio Lower Upper
 165 100
 63 0.0 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

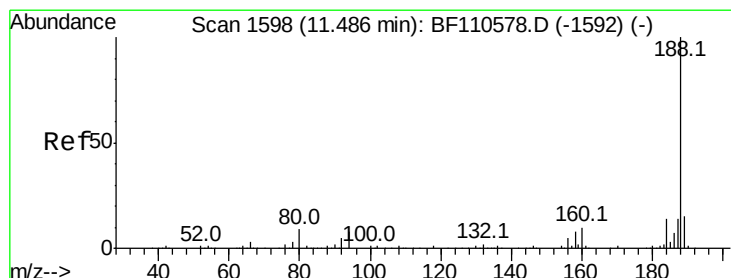
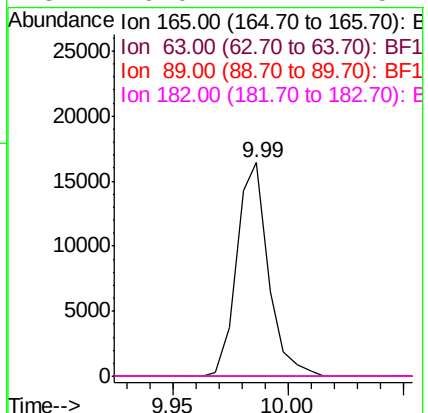
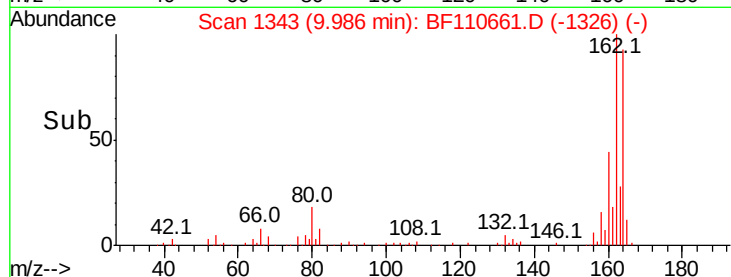
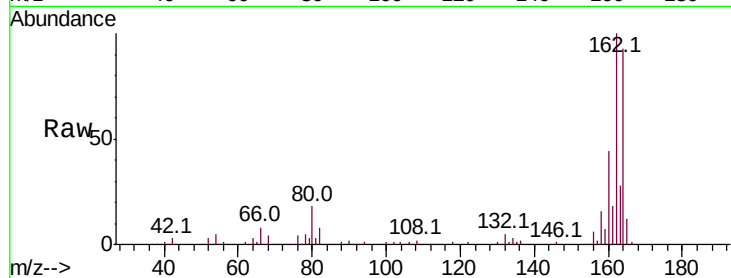




#57
 2,4-Dinitrotoluene
 Concen: 6.004 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110661.D
 Acq: 10 Nov 2018 7:08

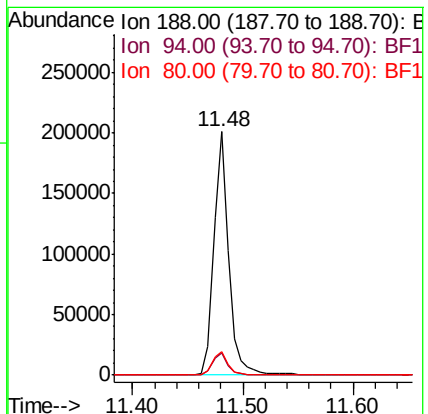
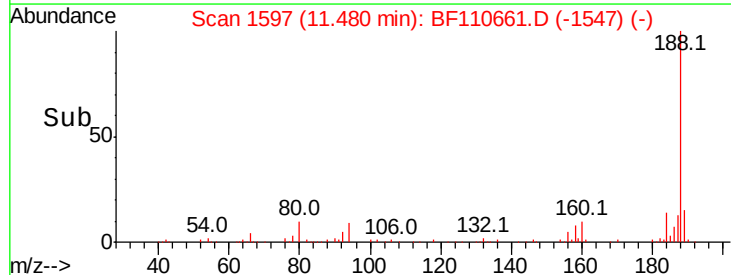
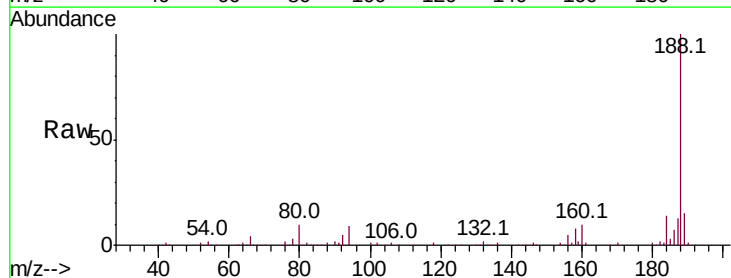
Instrument :
 BNA_F
 ClientSampleId :

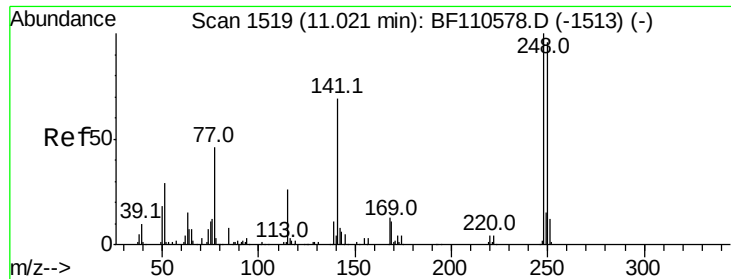
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110661.D
 Acq: 10 Nov 2018 7:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.2	10.8
80	9.5	7.9	11.9

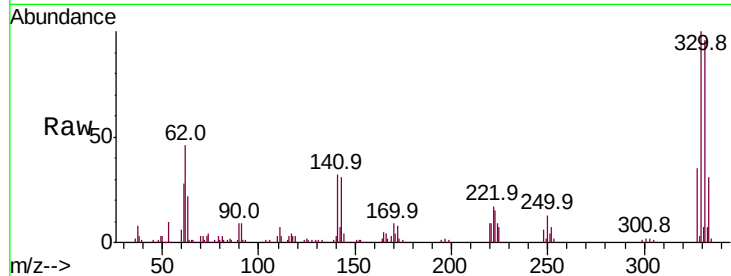




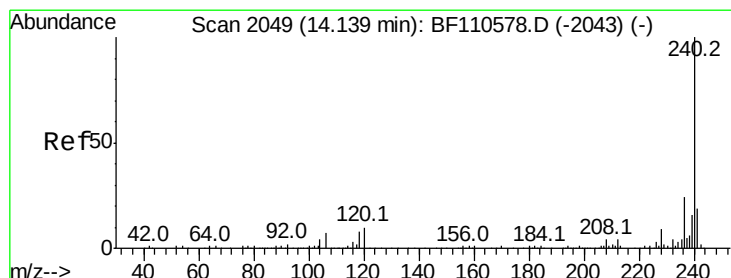
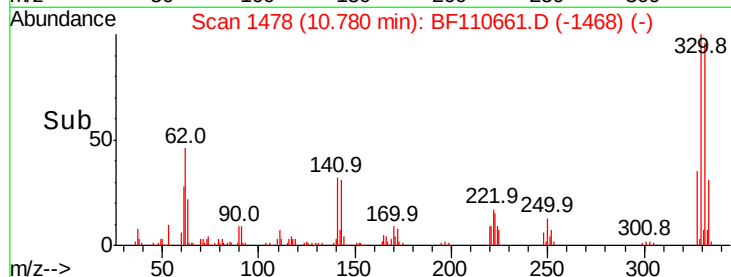
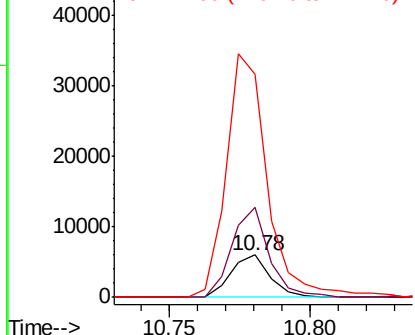
#67
4-Bromophenyl-phenylether
Concen: 2.830 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110661.D
Acq: 10 Nov 2018 7:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 5792
Ion Ratio Lower Upper
248 100
250 210.4 79.4 119.2#
141 525.5 55.9 83.9#

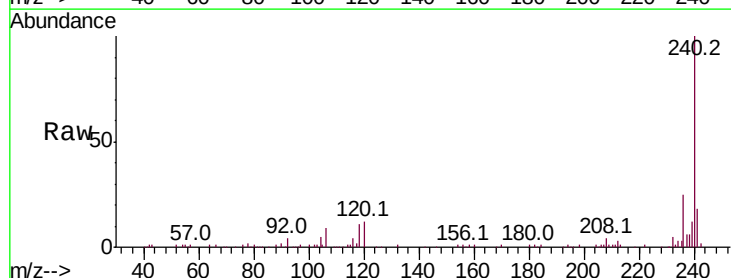


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

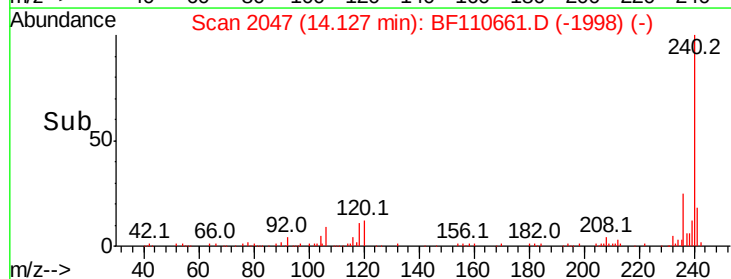
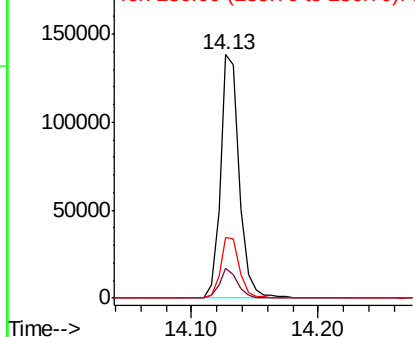


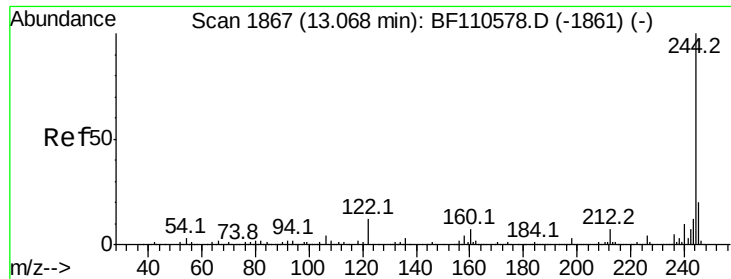
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110661.D
Acq: 10 Nov 2018 7:08

Tgt Ion:240 Resp: 142545
Ion Ratio Lower Upper
240 100
120 12.3 8.3 12.5
236 24.7 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

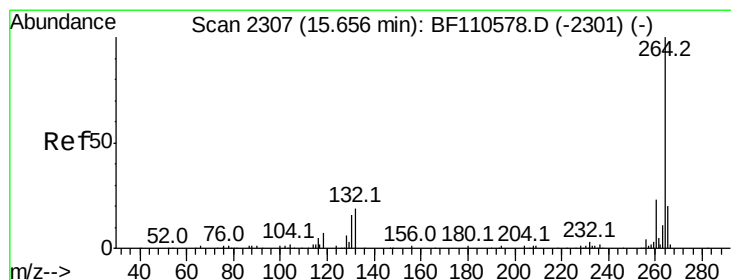
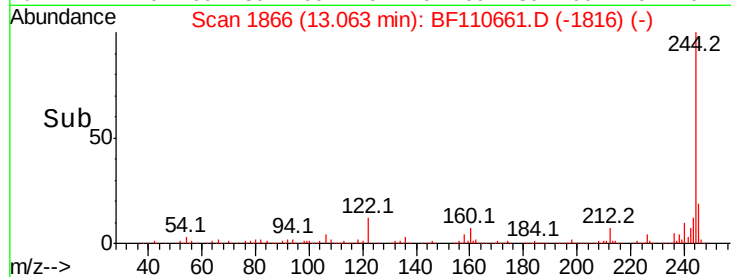
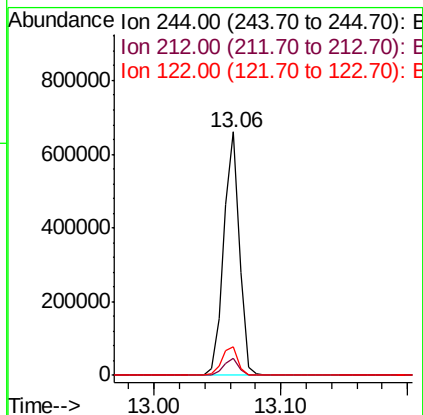
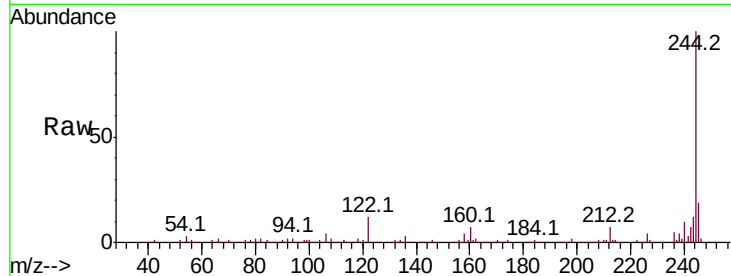




#79
 Terphenyl-d14
 Concen: 74.719 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110661.D
 Acq: 10 Nov 2018 7:08

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 568719
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 11.6 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110661.D
 Acq: 10 Nov 2018 7:08

Tgt Ion:264 Resp: 104579
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.7 28.1
 265 21.4 16.7 25.1

