

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110639.D
 Acq On : 9 Nov 2018 20:42
 Operator : JU/SJ
 Sample : J5269-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

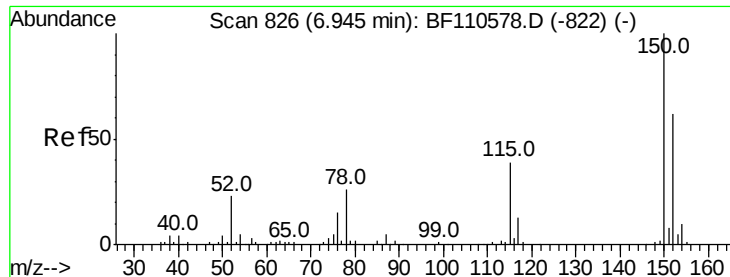
Quant Time: Nov 11 03:24:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	70989	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	299641	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	147332	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	297205	20.00	ng	0.00
76) Chrysene-d12	14.13	240	211839	20.00	ng	-0.01
87) Perylene-d12	15.66	264	131906	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.57	112	534354	122.27	ng	0.00
7) Phenol-d6	6.57	99	689712	123.41	ng	0.00
23) Nitrobenzene-d5	7.51	82	434566	83.52	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	187357	126.20	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	819642	79.45	ng	0.00
79) Terphenyl-d14	13.06	244	895513	79.17	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.57	77	1232	Below Cal		# 1
10) Phenol	6.58	94	41412	6.390	ng	# 69
19) n-Nitroso-di-n-propylamine	7.51	70	57939	16.241	ng	# 79
25) Isophorone	7.51	82	434609	50.964	ng	# 67
50) Dimethylphthalate	9.69	163	60791	5.530	ng	# 99
51) 2,6-Dinitrotoluene	9.98	165	18558	7.674	ng	# 21
56) 4-Nitrophenol	10.19	139	4582	2.465	ng	# 6
57) 2,4-Dinitrotoluene	9.98	165	18558	5.902	ng	# 17
67) 4-Bromophenyl-phenylether	10.78	248	11741	3.574	ng	# 1
71) Phenanthrene	11.50	178	43321	2.721	ng	# 99

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

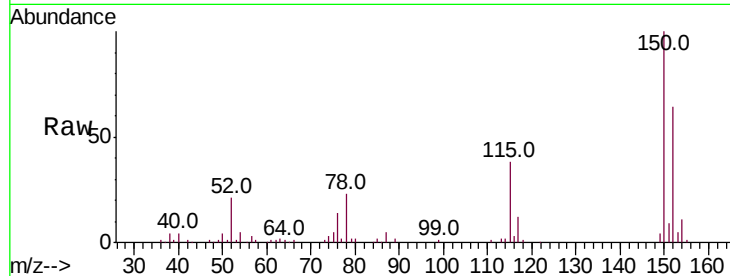


#1

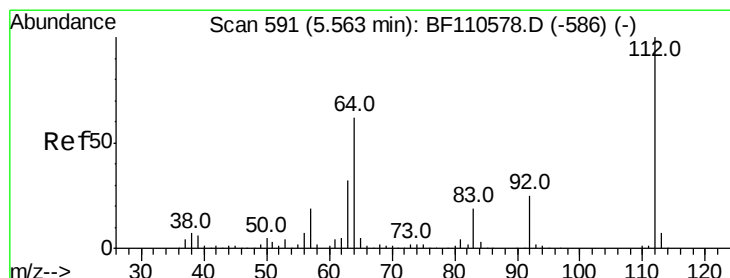
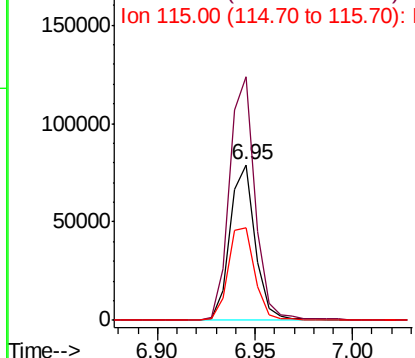
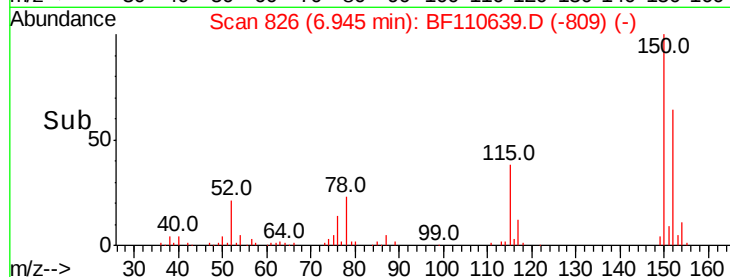
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110639.D
Acq: 9 Nov 2018 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 70989
Ion Ratio Lower Upper
152 100
150 156.8 122.7 184.1
115 59.8 49.1 73.7



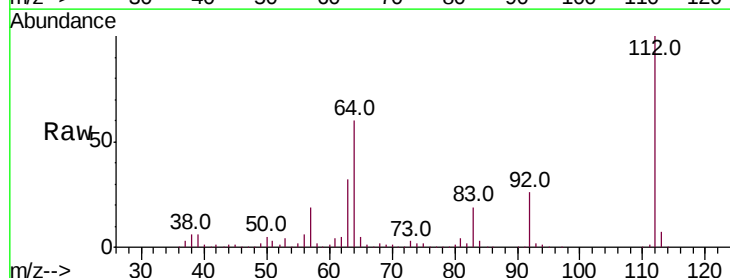
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



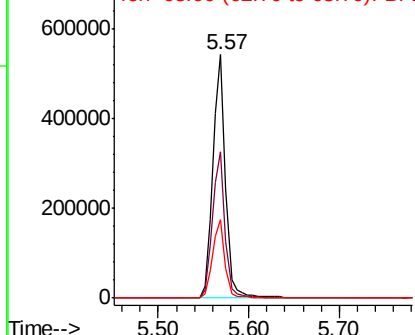
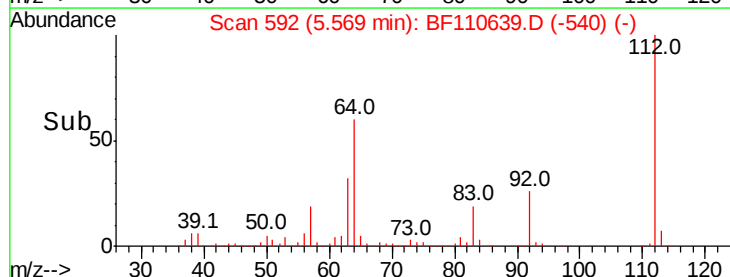
#5

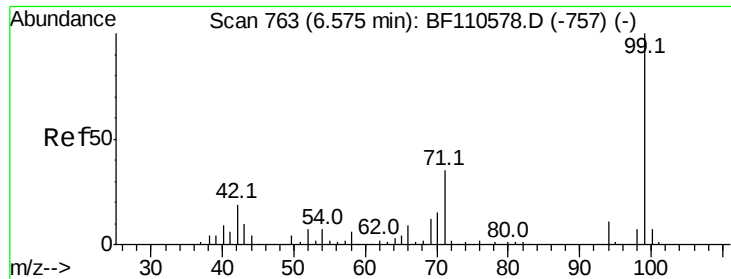
2-Fluorophenol
Concen: 122.267 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110639.D
Acq: 9 Nov 2018 20:42

Tgt Ion:112 Resp: 534354
Ion Ratio Lower Upper
112 100
64 59.9 44.1 66.1
63 32.1 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: 123.412 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110639.D

Acq: 9 Nov 2018 20:42

Instrument :

BNA_F

ClientSampleId :

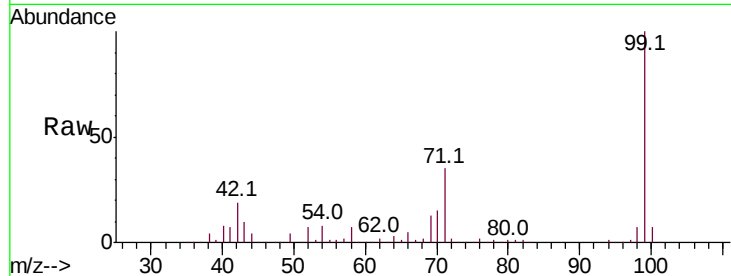
Tot Ion: 99 Resp: 689712

Ion Ratio Lower Upper

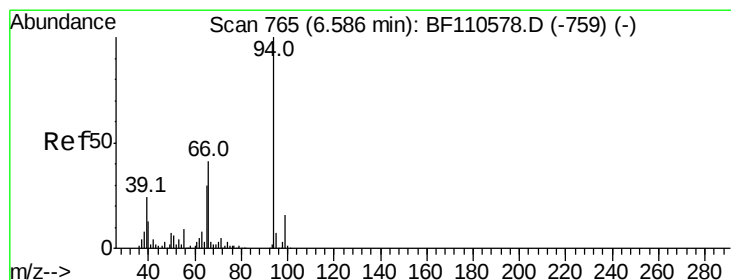
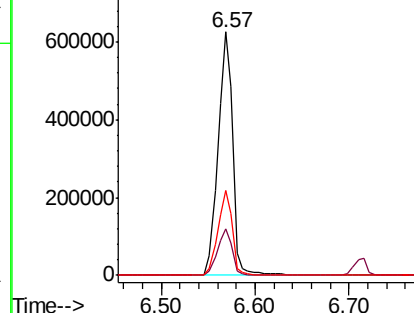
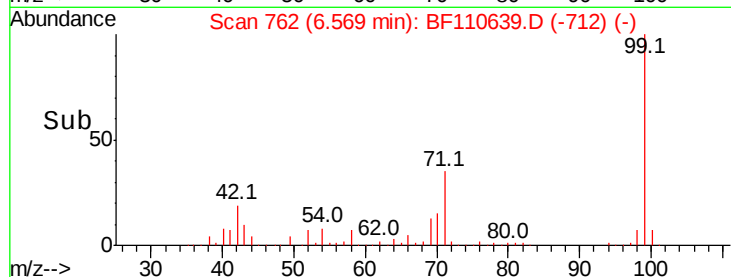
99 100

42 19.3 15.8 23.6

71 34.6 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: 6.390 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110639.D

Acq: 9 Nov 2018 20:42

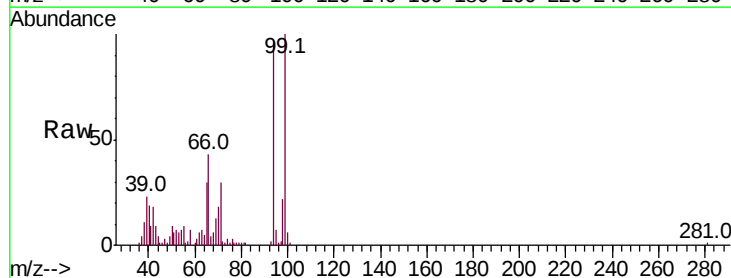
Tgt Ion: 94 Resp: 41412

Ion Ratio Lower Upper

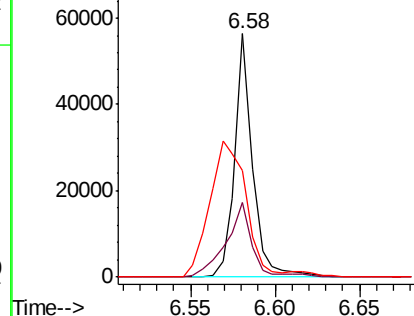
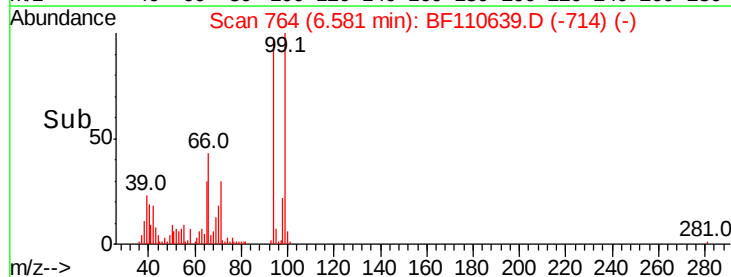
94 100

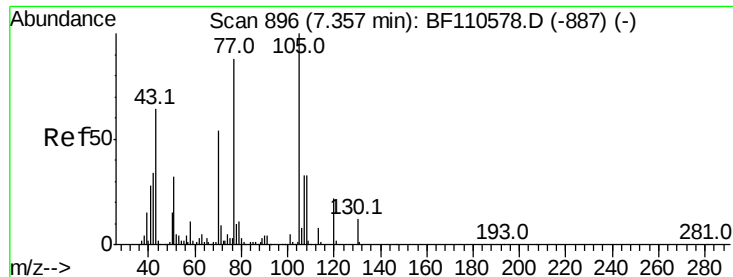
65 30.6 25.3 65.3

66 43.8 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

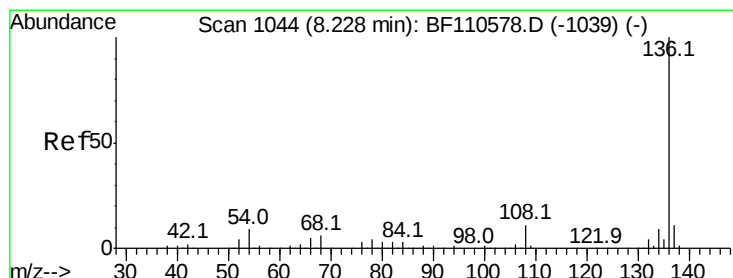
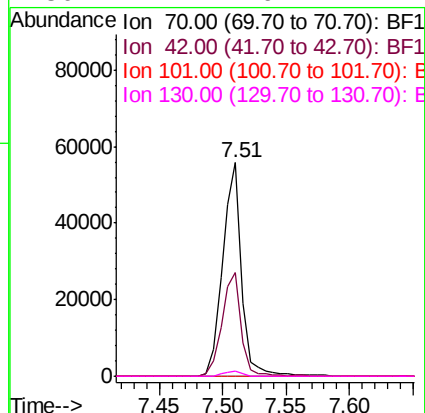
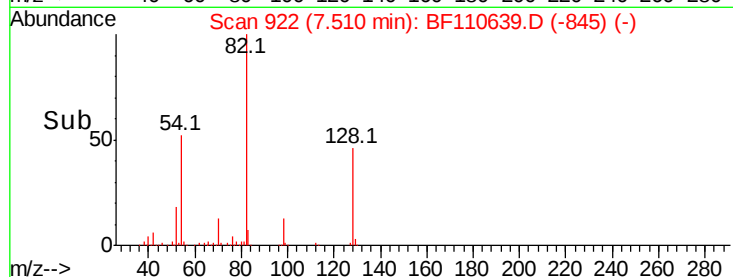
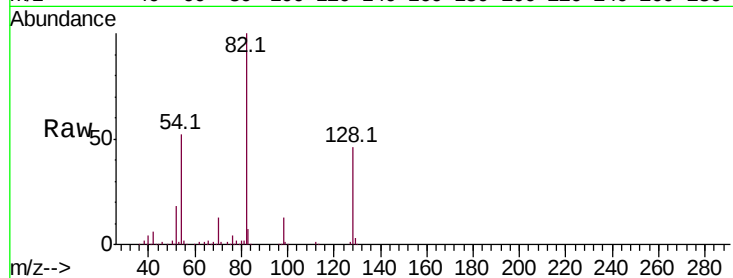




#19
n-Nitroso-di-n-propylamine
Concen: 16.241 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110639.D
Acq: 9 Nov 2018 20:42

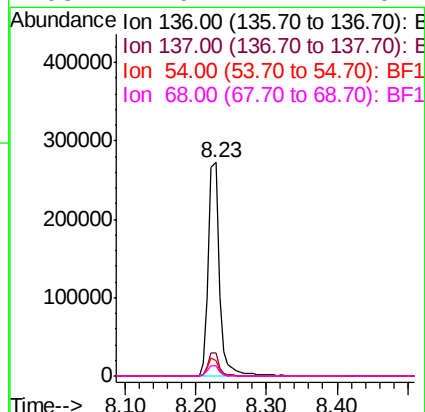
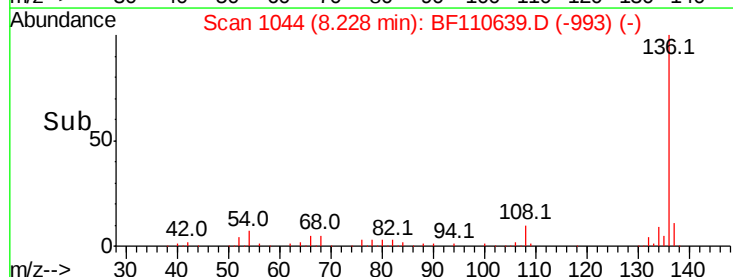
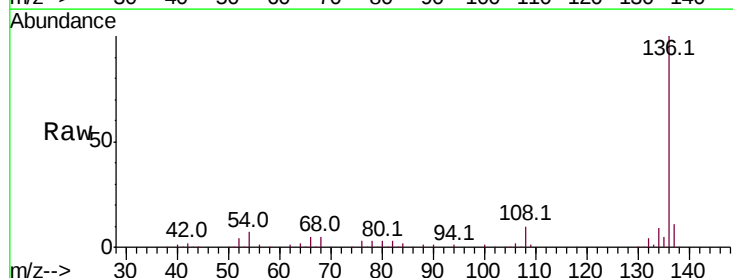
Instrument :
BNA_F
ClientSampled :

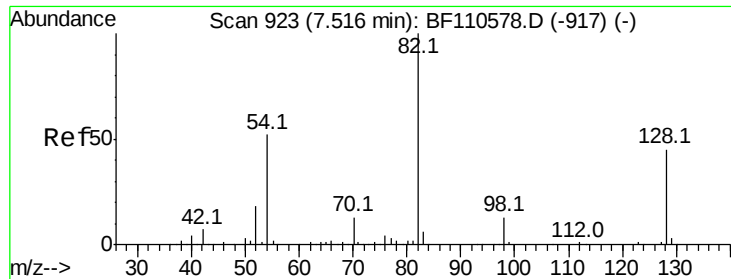
Tot Ion: 70 Resp: 57939
Ion Ratio Lower Upper
70 100
42 48.3 47.4 71.2
101 0.0 7.3 10.9#
130 2.2 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110639.D
Acq: 9 Nov 2018 20:42

Tgt Ion: 136 Resp: 299641
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 7.5 5.4 8.2
68 4.9 4.2 6.2

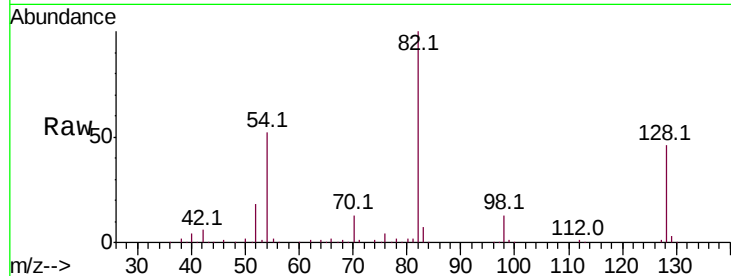




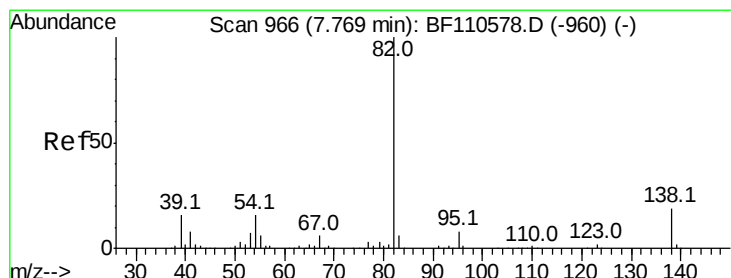
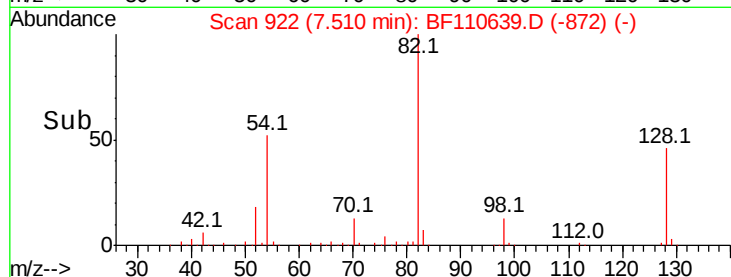
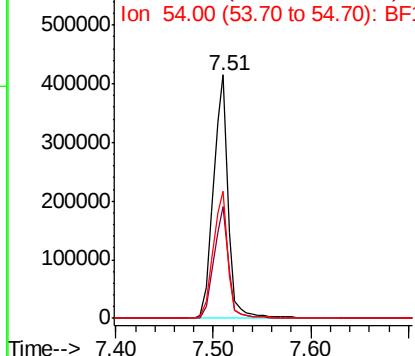
#23
 Nitrobenzene-d5
 Concen: 83.521 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110639.D
 Acq: 9 Nov 2018 20:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	434566
Ion Ratio	Lower	Upper	
82	100		
128	45.9	34.2	51.2
54	52.2	38.6	58.0

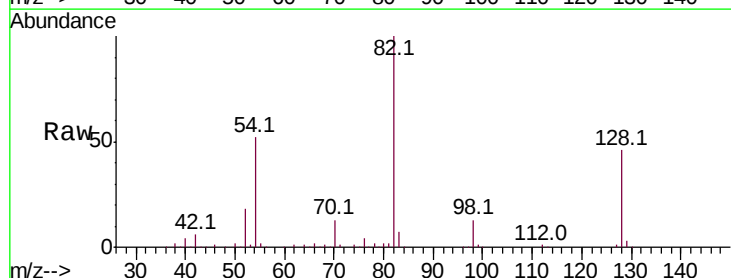


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

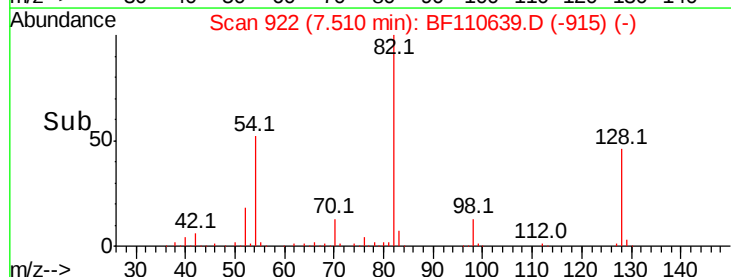
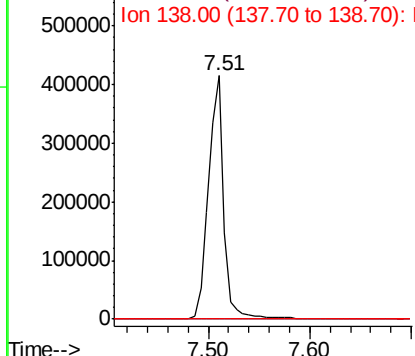


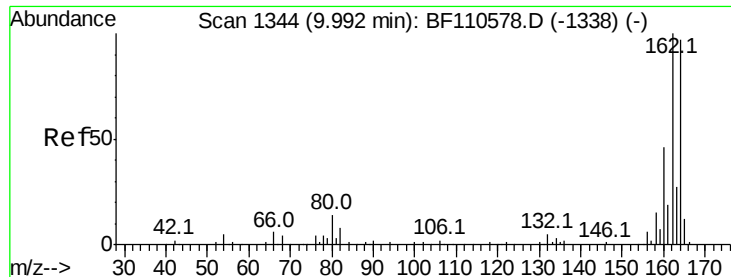
#25
 Isophorone
 Concen: 50.964 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.26 min
 Lab File: BF110639.D
 Acq: 9 Nov 2018 20:42

Tgt Ion	82	Resp	434609
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

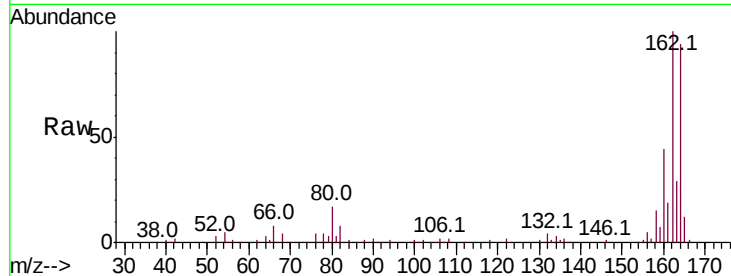




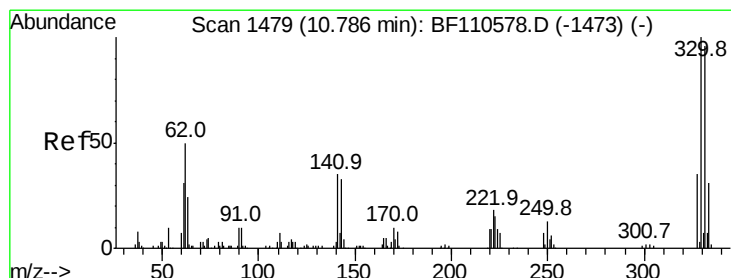
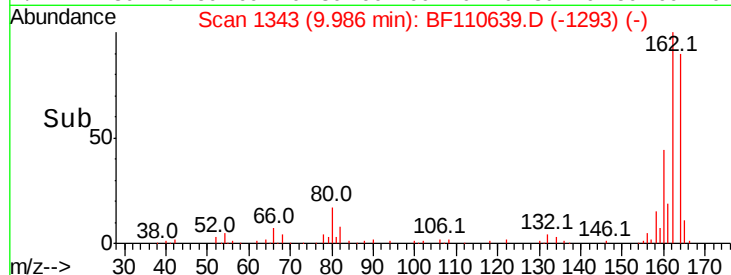
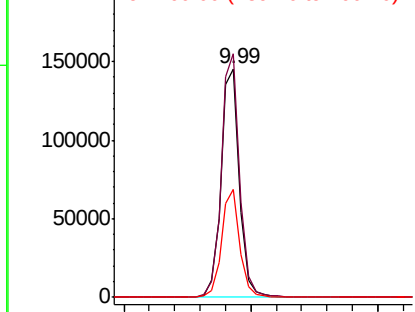
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110639.D
Acq: 9 Nov 2018 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 147332
Ion Ratio Lower Upper
164 100
162 106.5 83.0 124.6
160 47.3 37.0 55.6

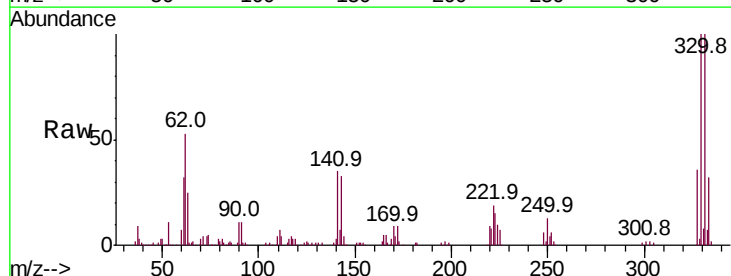


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

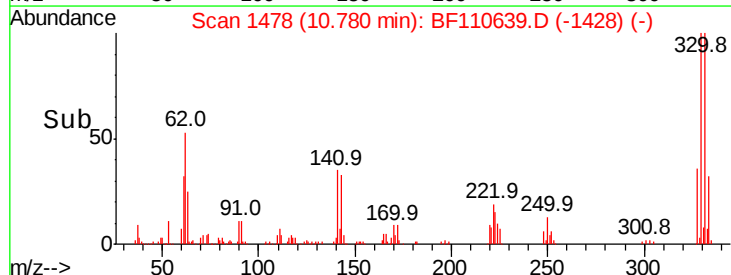
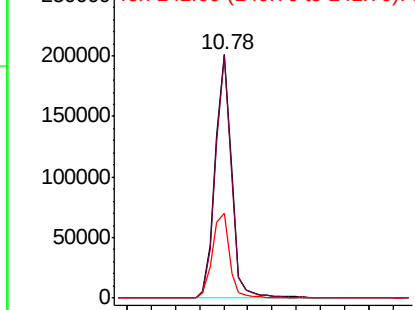


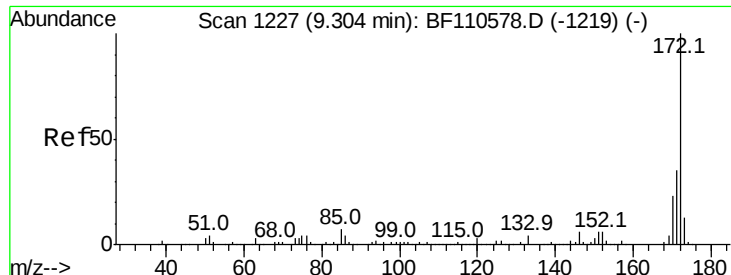
#42
2,4,6-Tribromophenol
Concen: 126.204 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110639.D
Acq: 9 Nov 2018 20:42

Tgt Ion:330 Resp: 187357
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 37.2 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

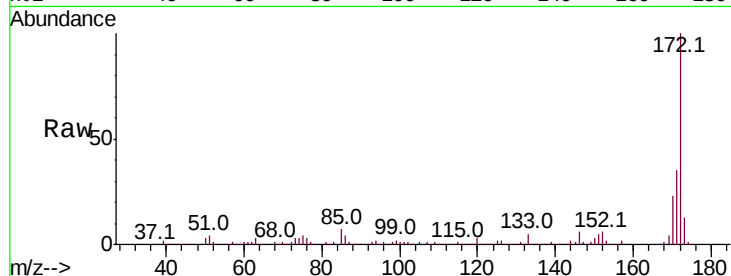




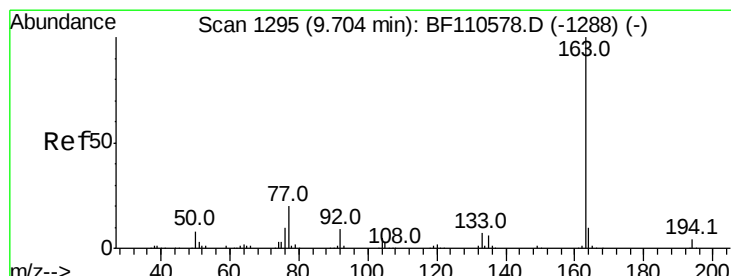
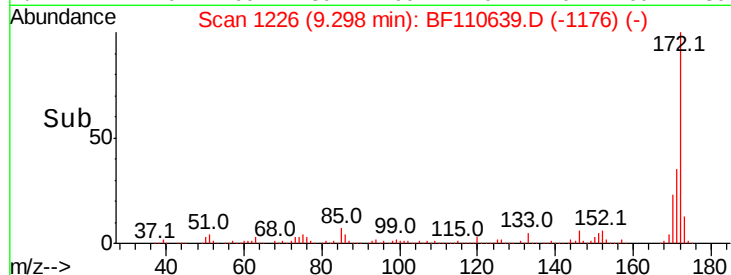
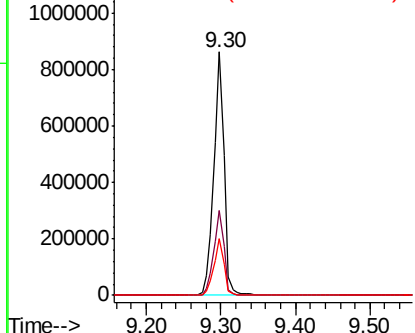
#45
2-Fluorobiphenyl
Concen: 79.453 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110639.D
Acq: 9 Nov 2018 20:42

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 819642
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.3 19.7 29.5

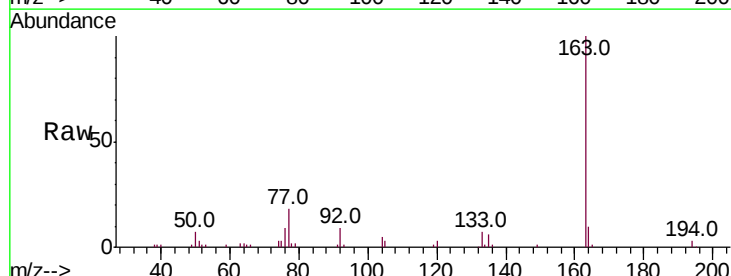


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

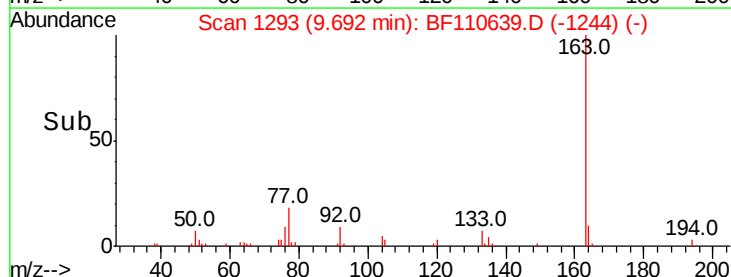
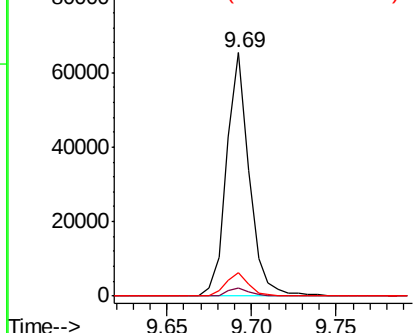


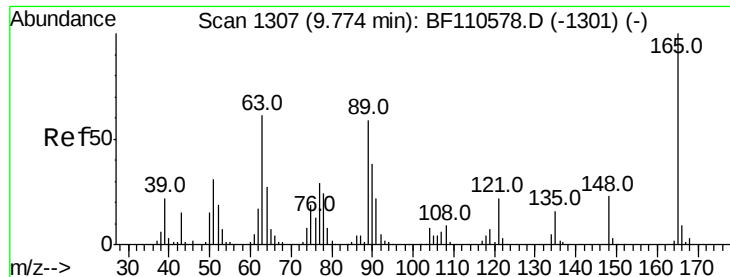
#50
Dimethylphthalate
Concen: 5.530 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110639.D
Acq: 9 Nov 2018 20:42

Tgt Ion:163 Resp: 60791
Ion Ratio Lower Upper
163 100
194 3.5 3.2 4.8
164 9.6 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

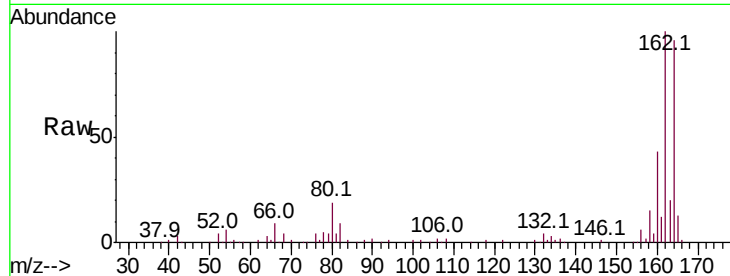




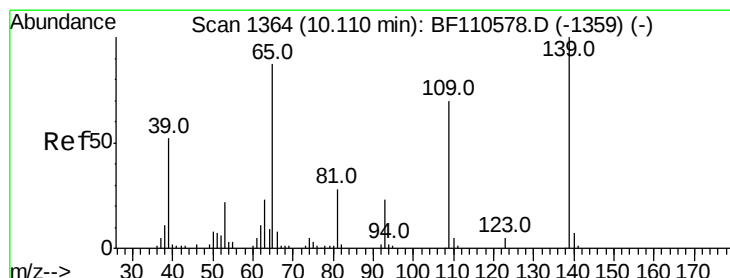
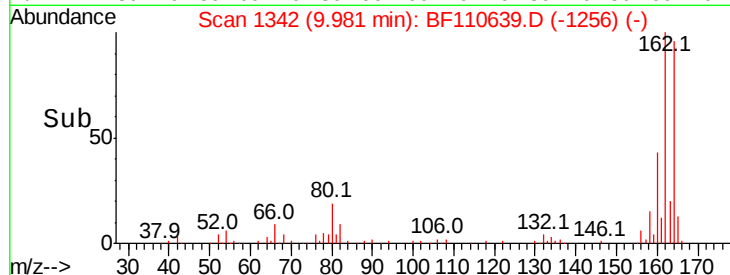
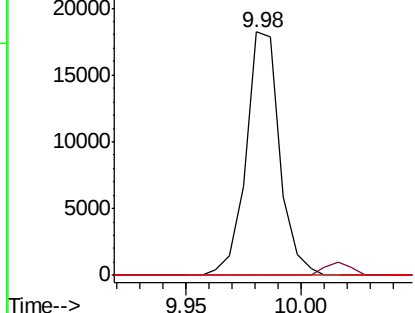
#51
 2,6-Dinitrotoluene
 Concen: 7.674 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110639.D
 Acq: 9 Nov 2018 20:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	48.9	73.3#
89	0.0	46.6	69.8#

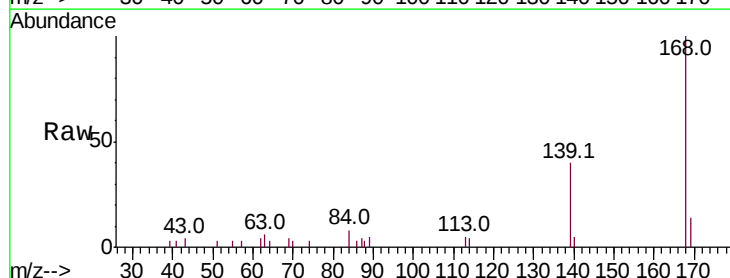


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

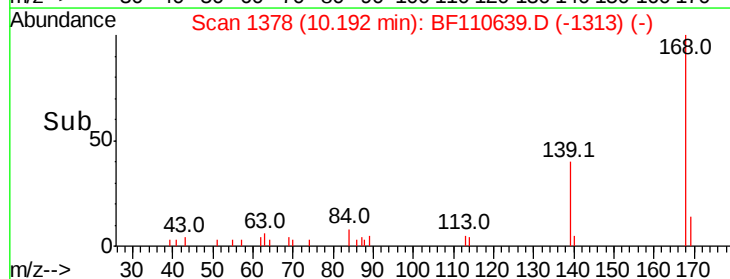
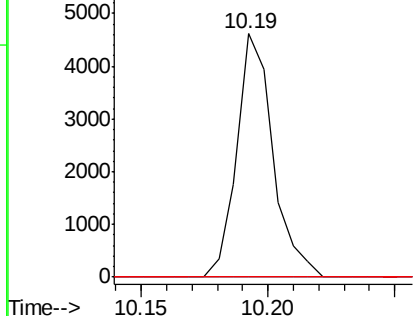


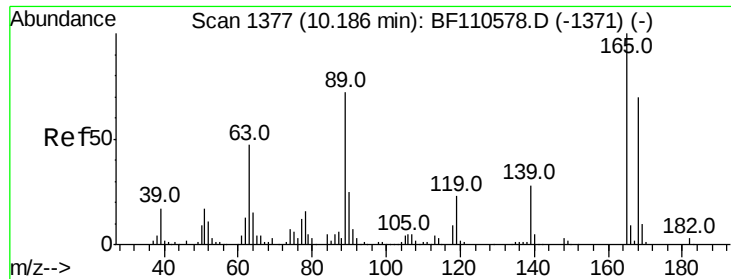
#56
 4-Nitrophenol
 Concen: 2.465 ng
 RT: 10.19 min Scan# 1378
 Delta R.T. 0.08 min
 Lab File: BF110639.D
 Acq: 9 Nov 2018 20:42

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	55.8	95.8#
65	0.0	77.9	117.9#



Abundance Ion 139.00 (138.70 to 139.70): E
 Ion 109.00 (108.70 to 109.70): E
 Ion 65.00 (64.70 to 65.70): BF1

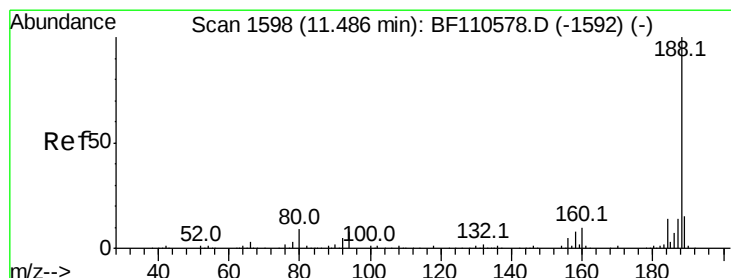
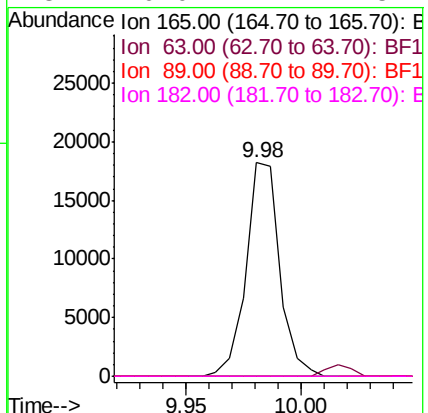
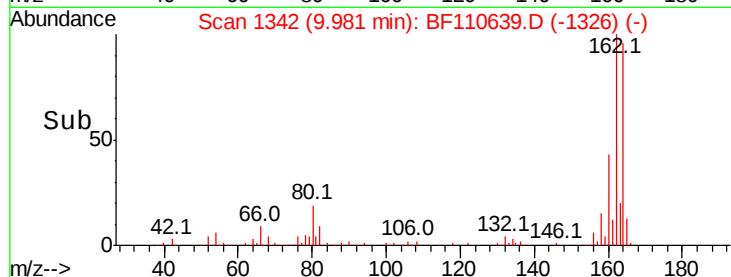
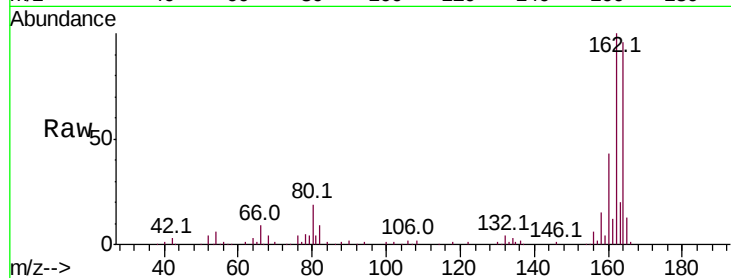




#57
 2,4-Dinitrotoluene
 Concen: 5.902 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110639.D
 Acq: 9 Nov 2018 20:42

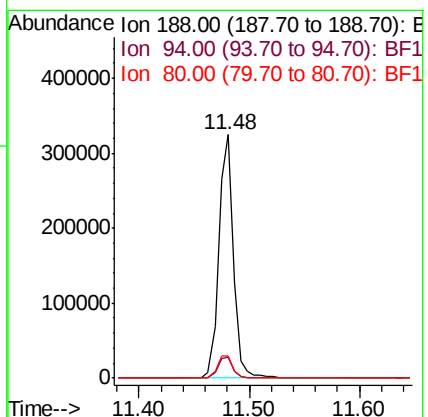
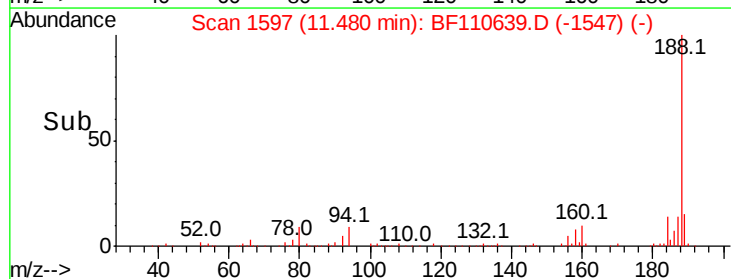
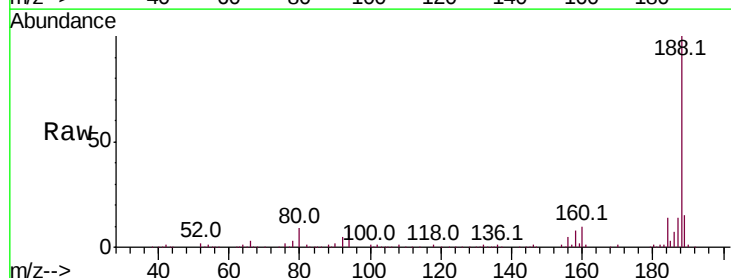
Instrument :
 BNA_F
 ClientSampled :

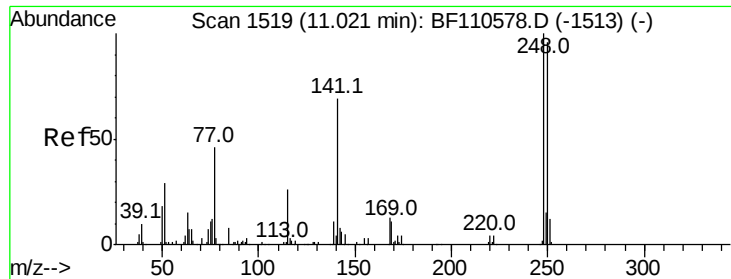
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110639.D
 Acq: 9 Nov 2018 20:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	7.2	10.8
80	9.1	7.9	11.9

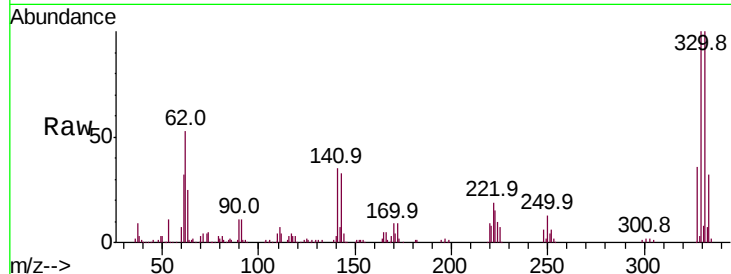




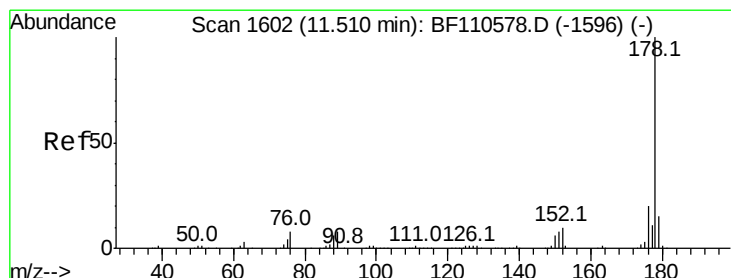
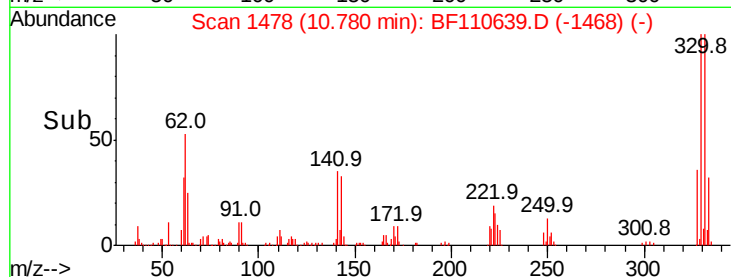
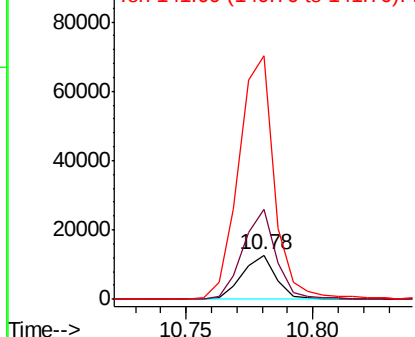
#67
 4-Bromophenyl-phenylether
 Concen: 3.574 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110639.D
 Acq: 9 Nov 2018 20:42

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 11741
 Ion Ratio Lower Upper
 248 100
 250 202.2 79.4 119.2#
 141 550.1 55.9 83.9#

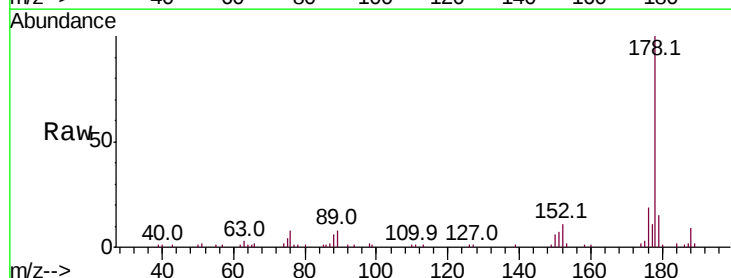


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

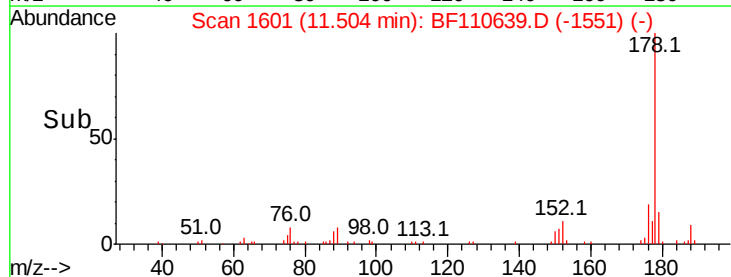
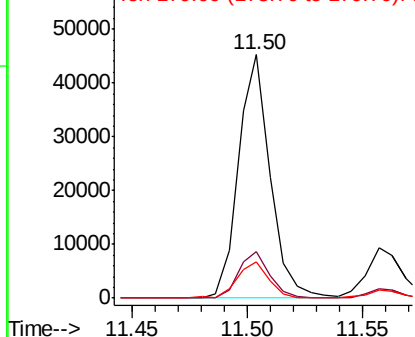


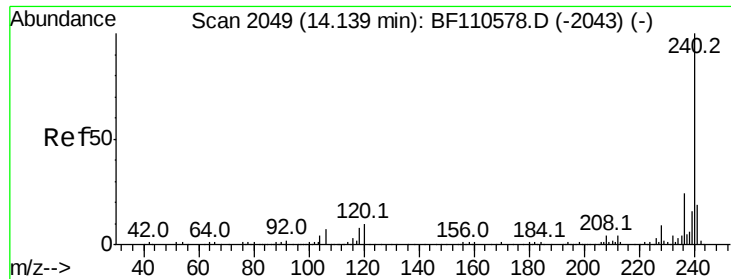
#71
 Phenanthrene
 Concen: 2.721 ng
 RT: 11.50 min Scan# 1601
 Delta R.T. -0.01 min
 Lab File: BF110639.D
 Acq: 9 Nov 2018 20:42

Tgt Ion:178 Resp: 43321
 Ion Ratio Lower Upper
 178 100
 176 19.1 15.5 23.3
 179 15.1 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

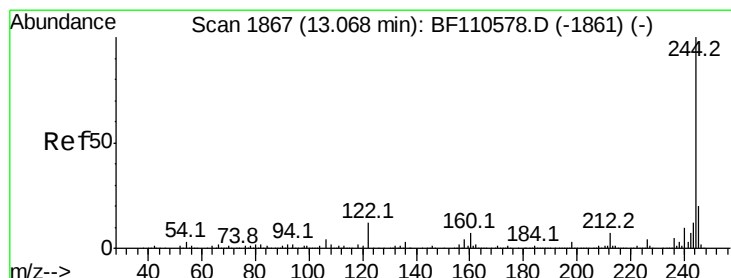
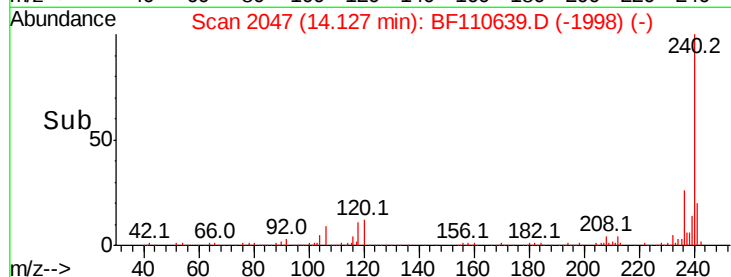
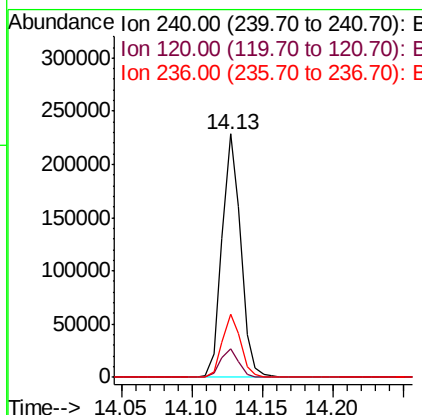
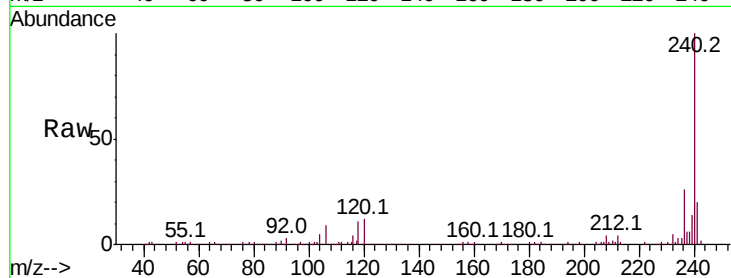




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BF110639.D
 Acq: 9 Nov 2018 20:42

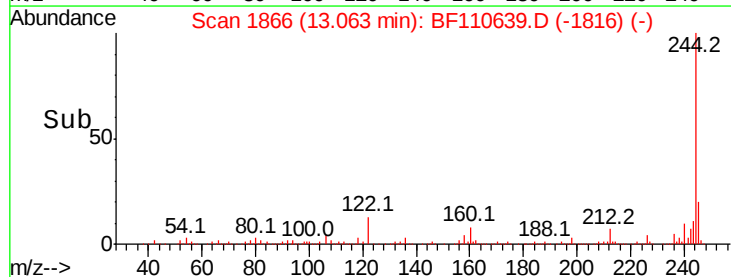
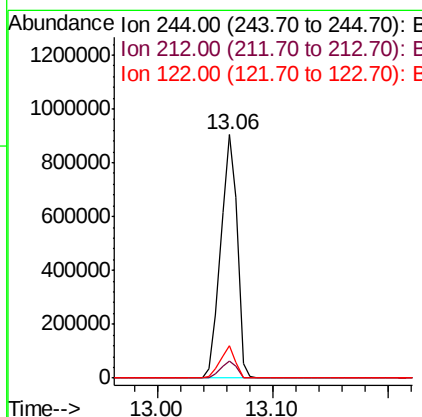
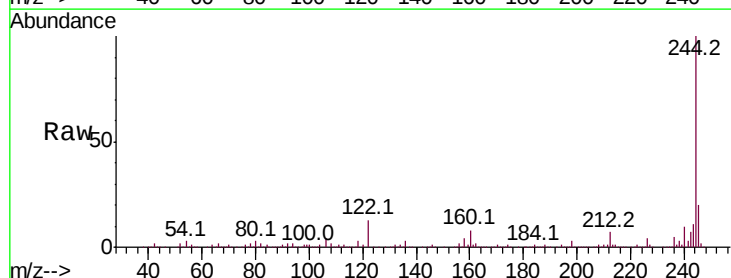
Instrument :
 BNA_F
 ClientSampleId :

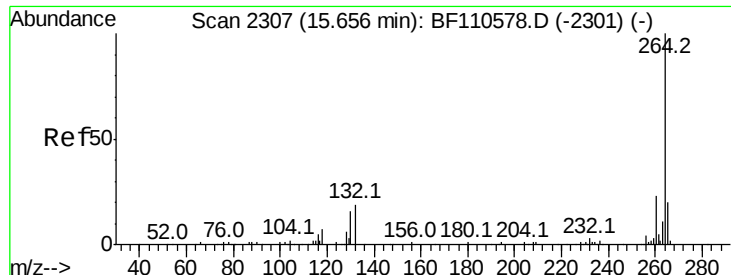
Tot Ion:240 Resp: 211839
 Ion Ratio Lower Upper
 240 100
 120 11.6 8.3 12.5
 236 25.9 21.2 31.8



#79
 Terphenyl-d14
 Concen: 79.168 ng
 RT: 13.06 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF110639.D
 Acq: 9 Nov 2018 20:42

Tgt Ion:244 Resp: 895513
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 13.3 8.7 13.1#

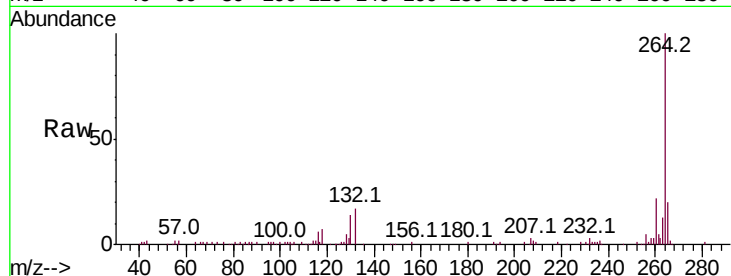




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.66 min Scan# 2307
 Delta R.T. 0.00 min
 Lab File: BF110639.D
 Acq: 9 Nov 2018 20:42

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:264 Resp: 131906
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.7 28.1
 265 20.1 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

