

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110918\
 Data File : BF110649.D
 Acq On : 10 Nov 2018 1:15
 Operator : JU/SJ
 Sample : J5735-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 11 03:26:02 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

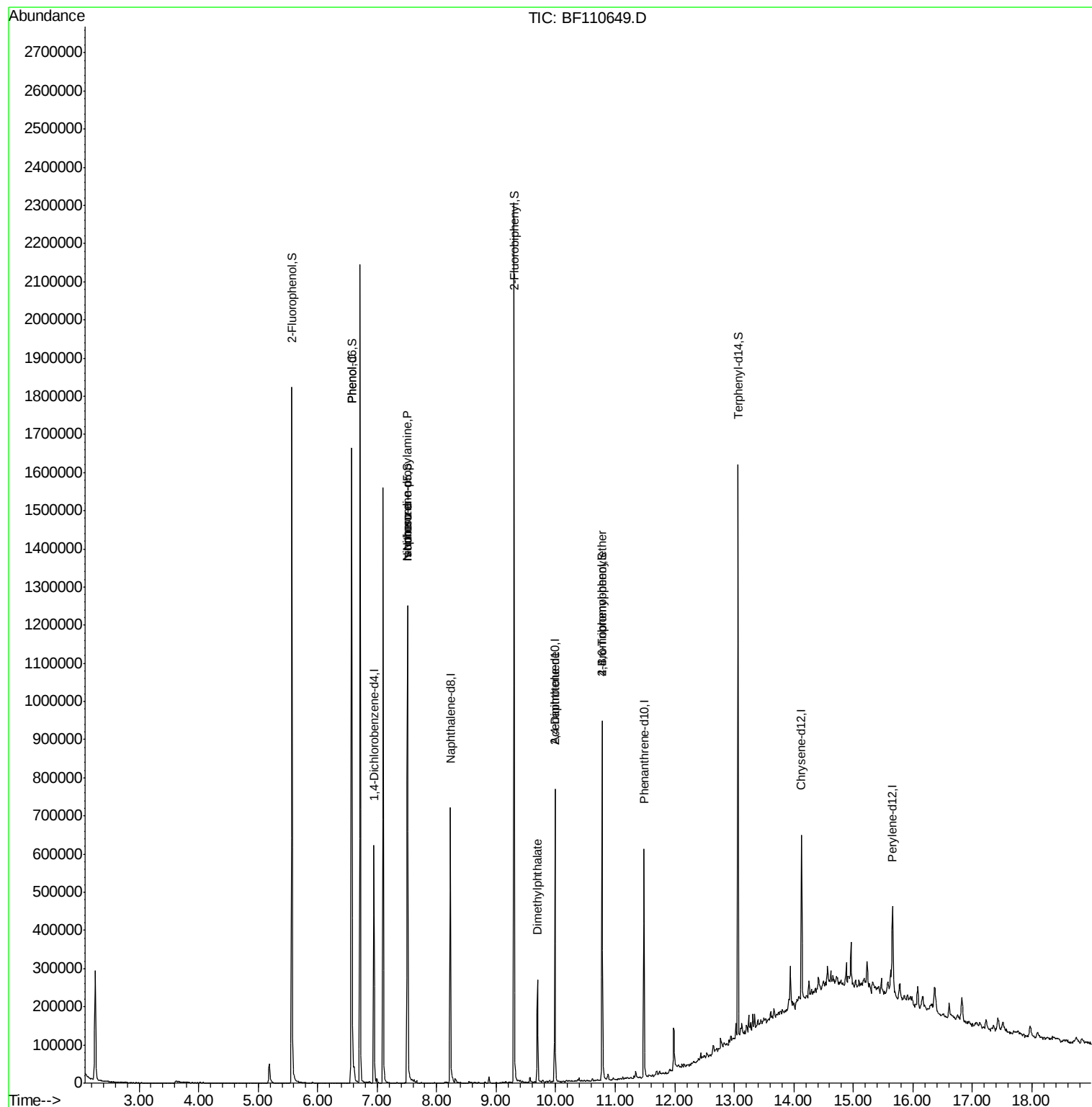
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	88254	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	340533	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	140828	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	209423	20.00	ng	0.00
76) Chrysene-d12	14.13	240	155735	20.00	ng	0.00
87) Perylene-d12	15.66	264	110777	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	513186	94.45	ng	0.00
7) Phenol-d6	6.57	99	642367	92.45	ng	0.00
23) Nitrobenzene-d5	7.51	82	398012	67.31	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	110479	77.86	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	691163	70.09	ng	0.00
79) Terphenyl-d14	13.06	244	463000	55.68	ng	0.00
Target Compounds						
10) Phenol	6.58	94	33536	4.163	ng	# 75
19) n-Nitroso-di-n-propylamine	7.51	70	52497	11.837	ng	# 79
25) Isophorone	7.51	82	398008	41.067	ng	# 67
50) Dimethylphthalate	9.69	163	108875	10.361	ng	# 99
57) 2,4-Dinitrotoluene	9.99	165	17643	5.870	ng	# 18
67) 4-Bromophenyl-phenylether	10.78	248	7147	3.088	ng	# 1

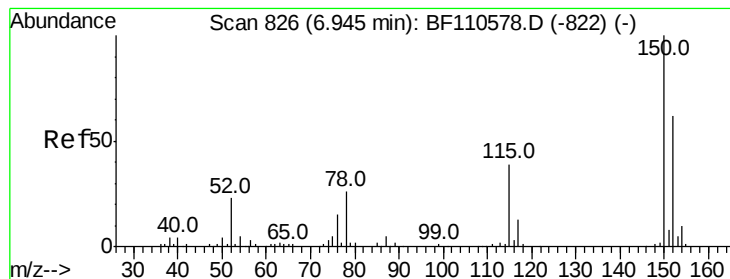
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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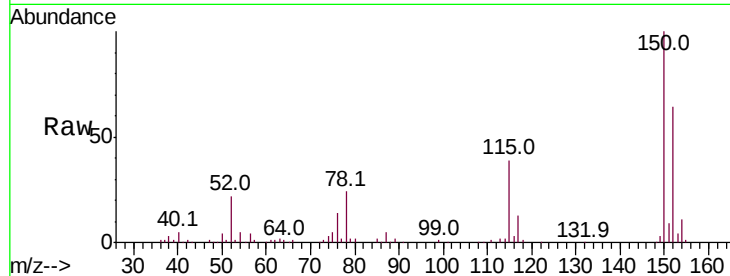


#1

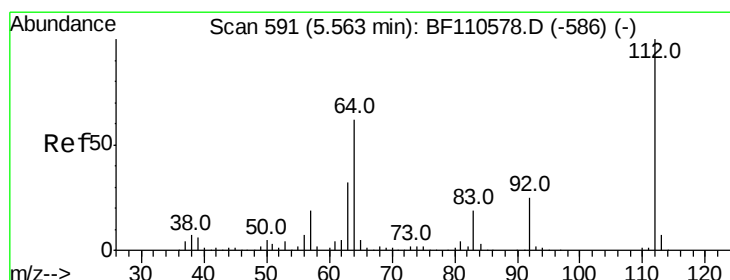
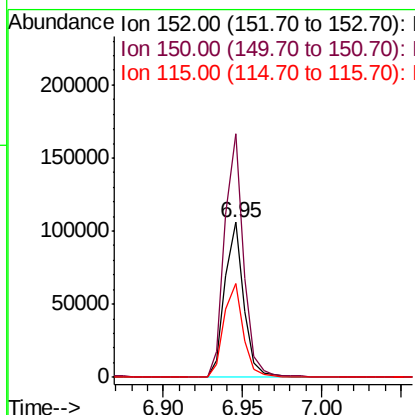
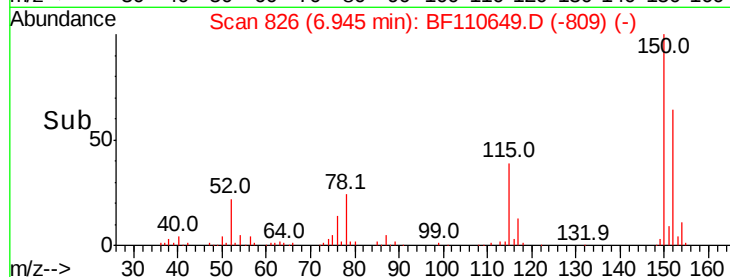
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110649.D
Acq: 10 Nov 2018 1:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 88254
Ion Ratio Lower Upper
152 100
150 157.0 122.7 184.1
115 60.8 49.1 73.7



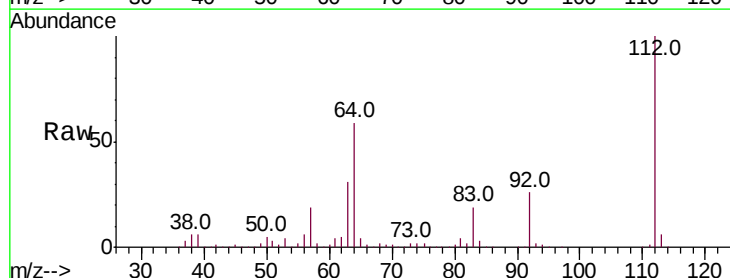
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



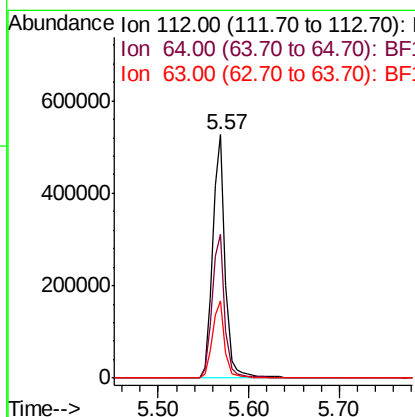
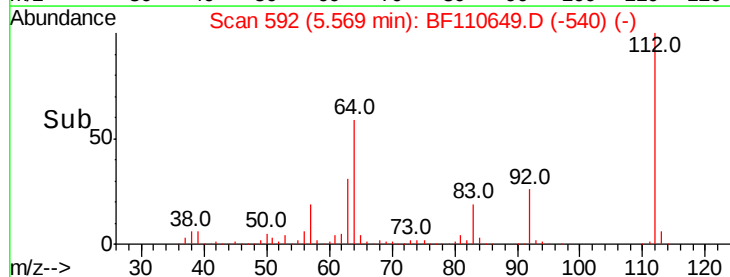
#5

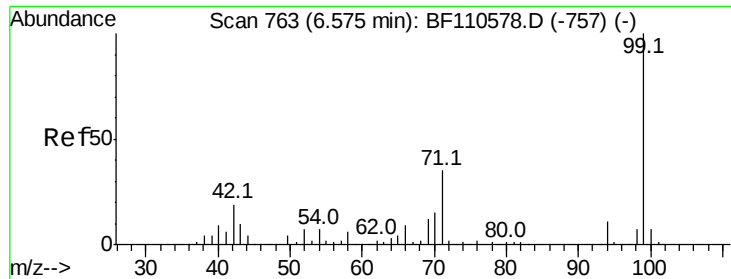
2-Fluorophenol
Concen: 94.452 ng
RT: 5.57 min Scan# 592
Delta R.T. 0.01 min
Lab File: BF110649.D
Acq: 10 Nov 2018 1:15

Tgt Ion:112 Resp: 513186
Ion Ratio Lower Upper
112 100
64 58.8 44.1 66.1
63 31.5 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: 92.455 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110649.D

Acq: 10 Nov 2018 1:15

Instrument :

BNA_F

ClientSampled :

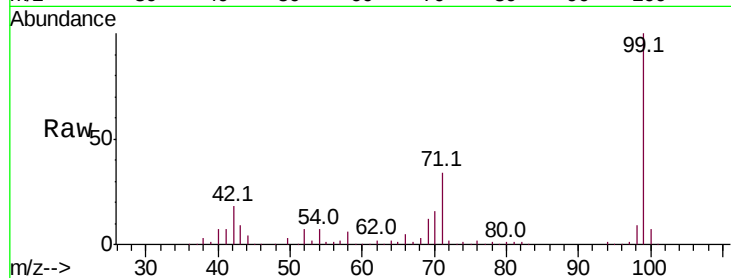
Tot Ion: 99 Resp: 642367

Ion Ratio Lower Upper

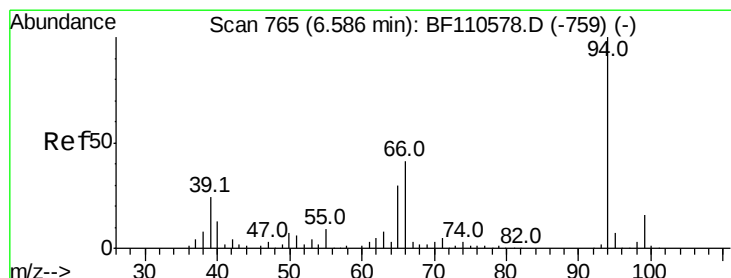
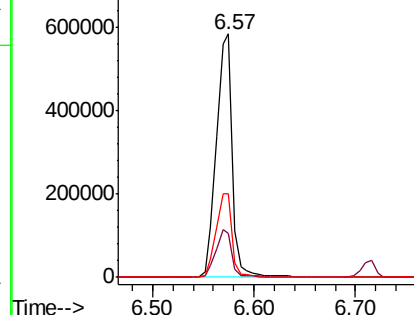
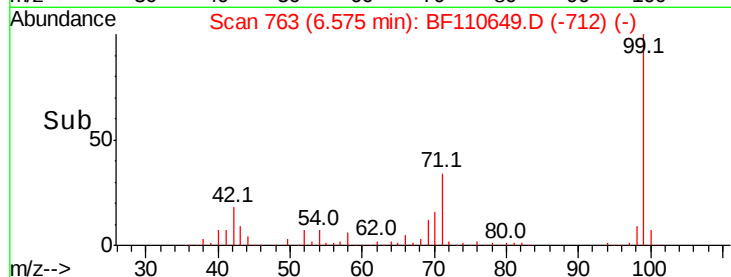
99 100

42 18.1 15.8 23.6

71 34.4 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: 4.163 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110649.D

Acq: 10 Nov 2018 1:15

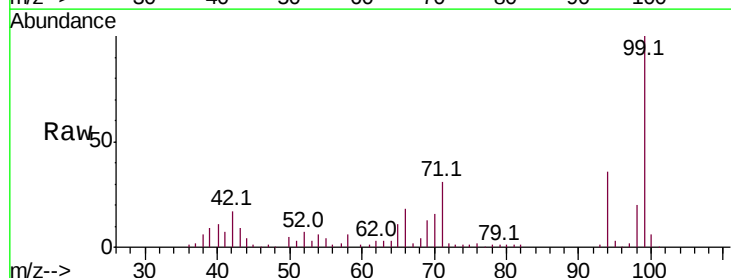
Tgt Ion: 94 Resp: 33536

Ion Ratio Lower Upper

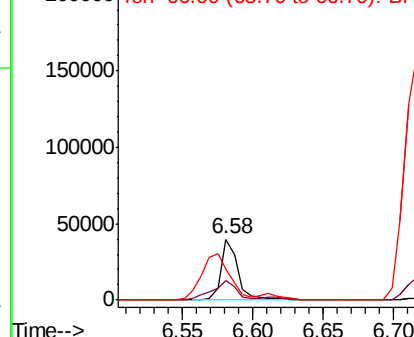
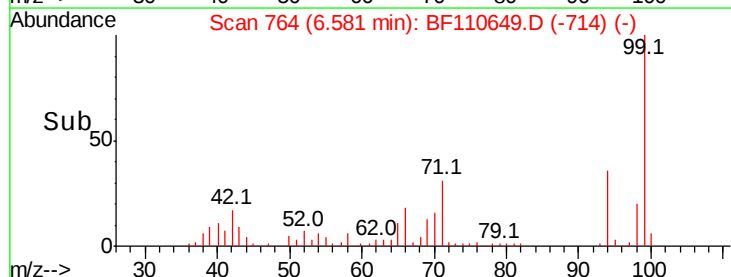
94 100

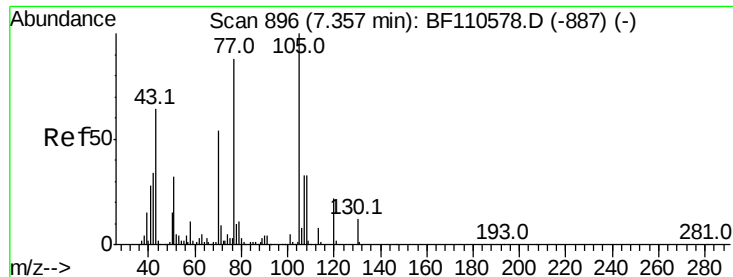
65 31.9 25.3 65.3

66 50.5 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

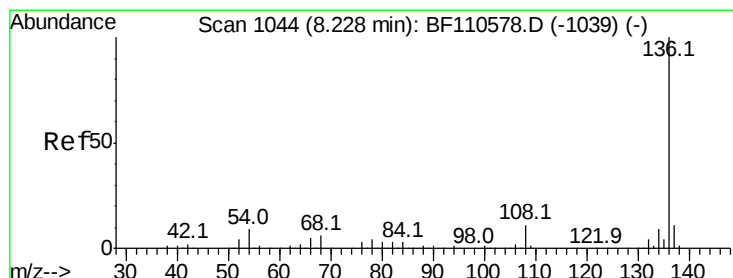
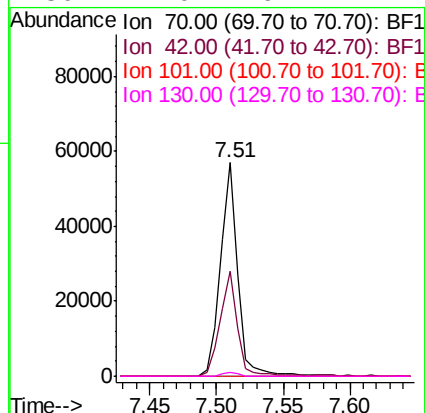
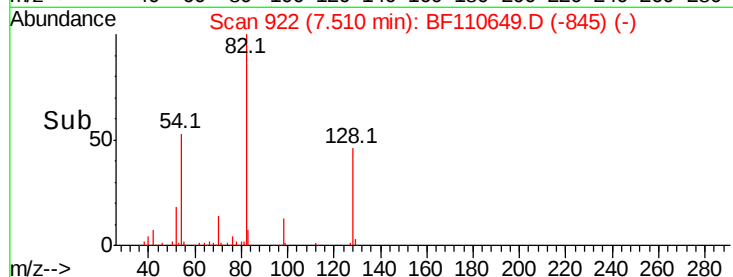
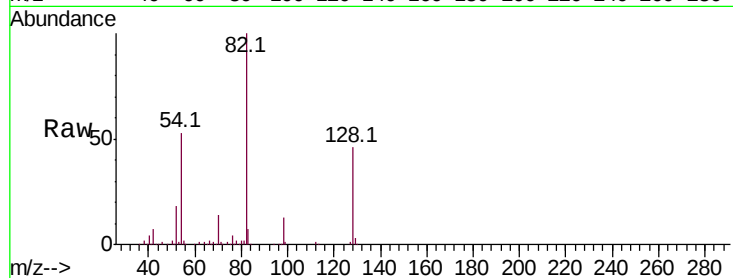




#19
n-Nitroso-di-n-propylamine
Concen: 11.837 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110649.D
Acq: 10 Nov 2018 1:15

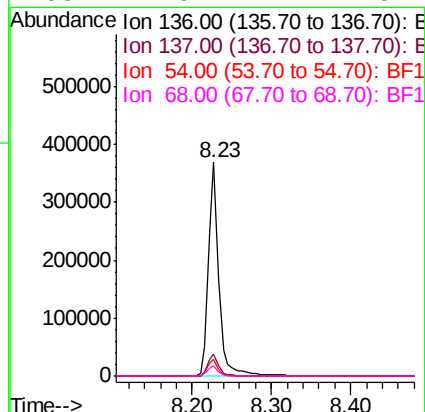
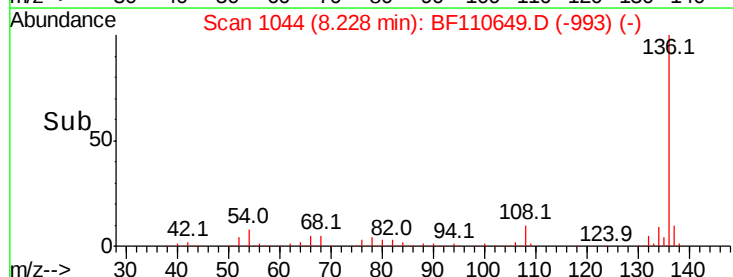
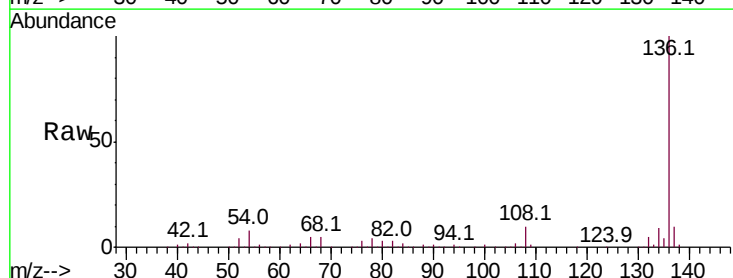
Instrument :
BNA_F
ClientSampleId :

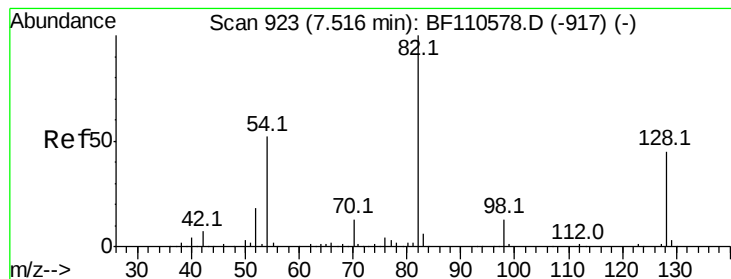
Tot Ion: 70 Resp: 52497
Ion Ratio Lower Upper
70 100
42 48.9 47.4 71.2
101 0.0 7.3 10.9#
130 2.0 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.23 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BF110649.D
Acq: 10 Nov 2018 1:15

Tgt Ion: 136 Resp: 340533
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 7.5 5.4 8.2
68 4.9 4.2 6.2





#23

Nitrobenzene-d5

Concen: 67.310 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF110649.D

Acq: 10 Nov 2018 1:15

Instrument :

BNA_F

ClientSampleId :

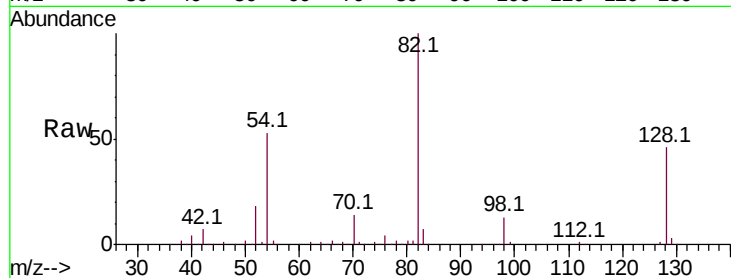
Tot Ion: 82 Resp: 398012

Ion Ratio Lower Upper

82 100

128 45.8 34.2 51.2

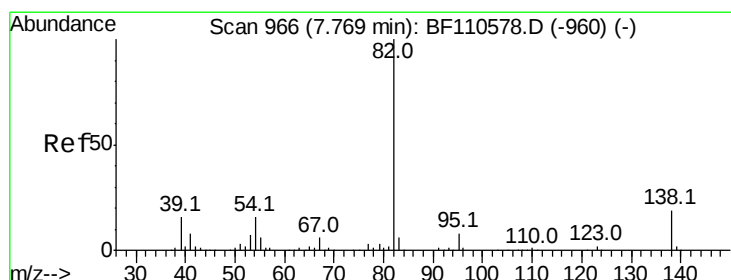
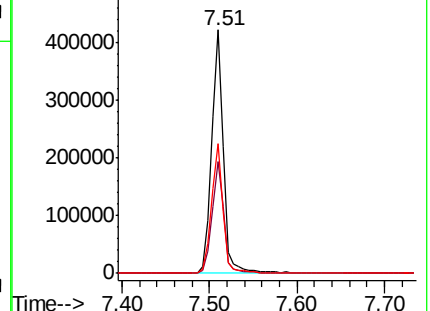
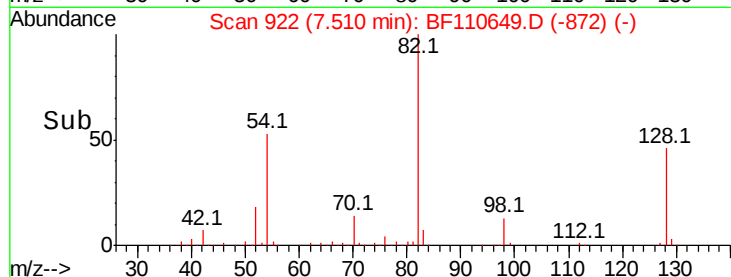
54 53.3 38.6 58.0



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: 41.067 ng

RT: 7.51 min Scan# 922

Delta R.T. -0.26 min

Lab File: BF110649.D

Acq: 10 Nov 2018 1:15

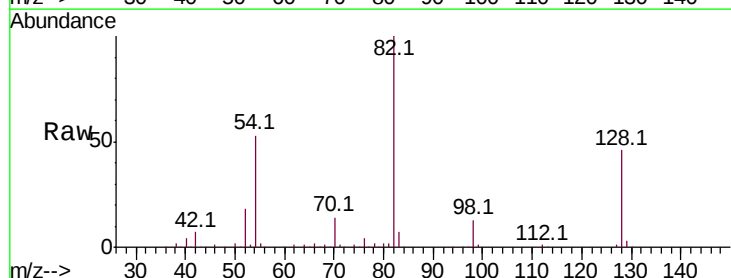
Tgt Ion: 82 Resp: 398008

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

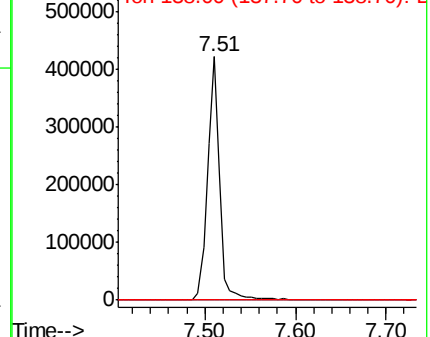
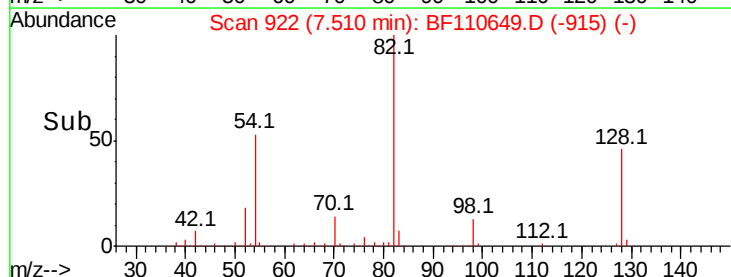
138 0.0 13.2 19.8#

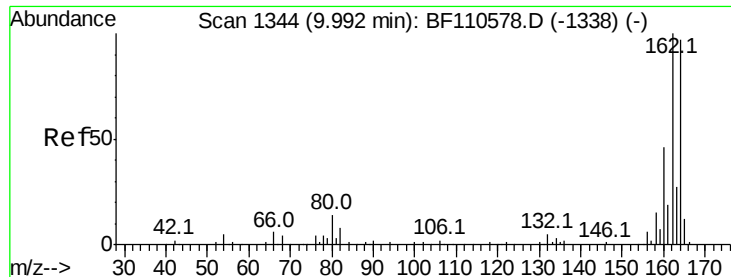


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

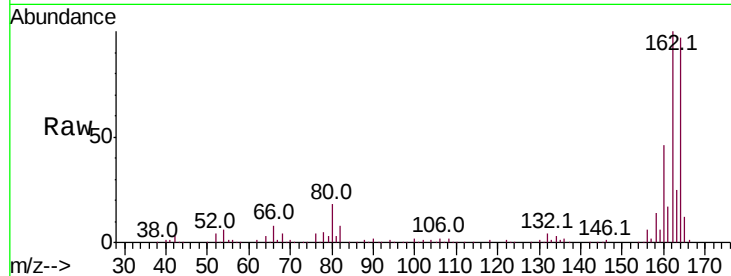




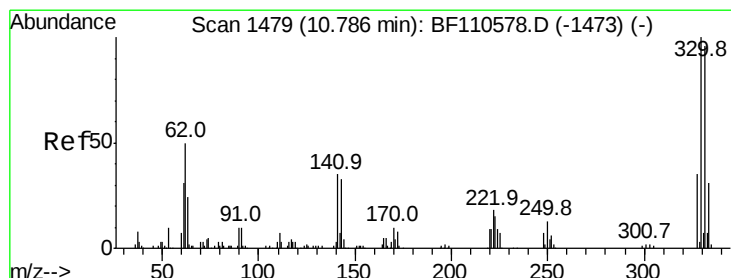
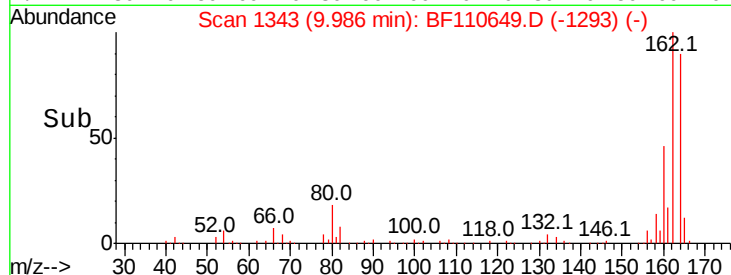
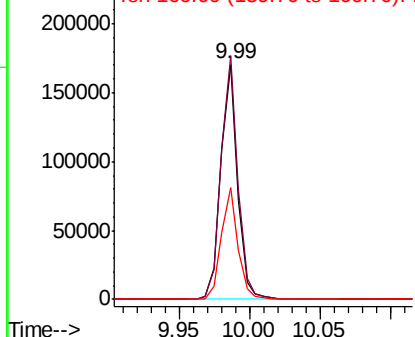
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BF110649.D
Acq: 10 Nov 2018 1:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 140828
Ion Ratio Lower Upper
164 100
162 103.5 83.0 124.6
160 47.3 37.0 55.6

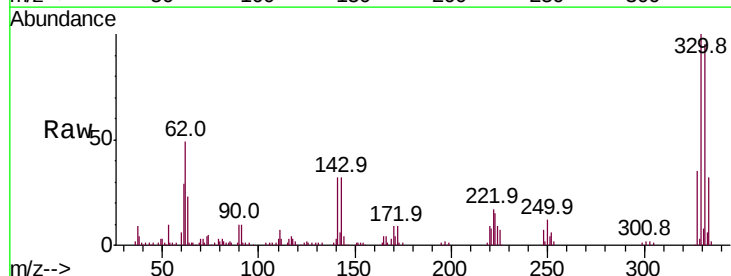


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

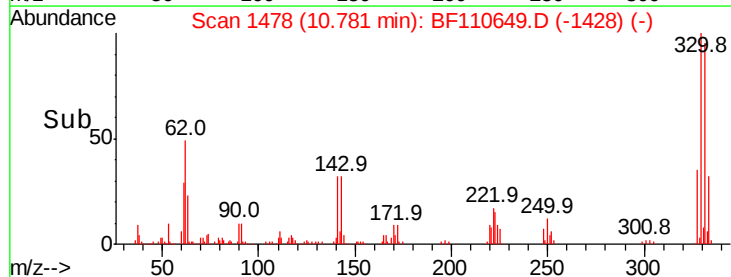
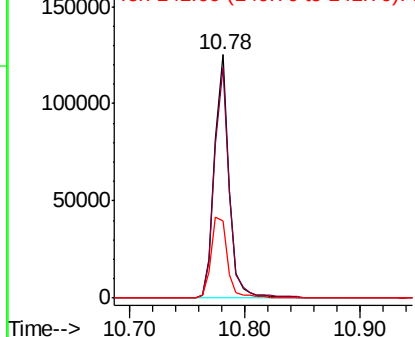


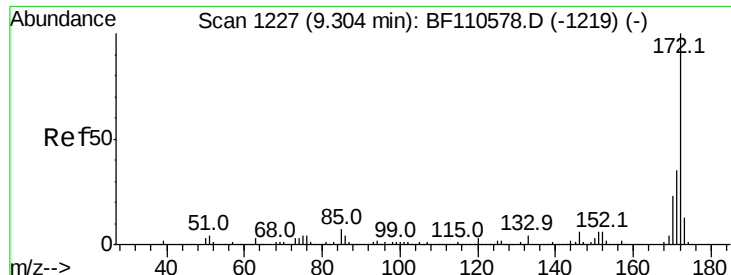
#42
2,4,6-Tribromophenol
Concen: 77.856 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.01 min
Lab File: BF110649.D
Acq: 10 Nov 2018 1:15

Tgt Ion:330 Resp: 110479
Ion Ratio Lower Upper
330 100
332 96.1 77.1 115.7
141 37.6 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

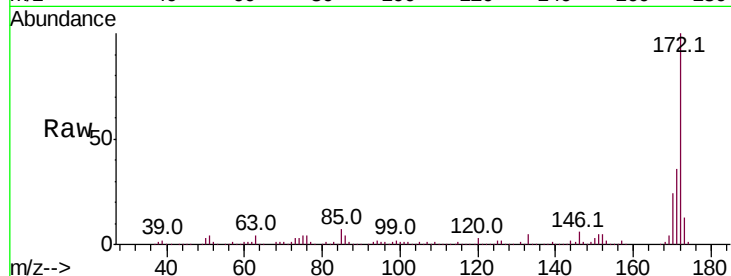




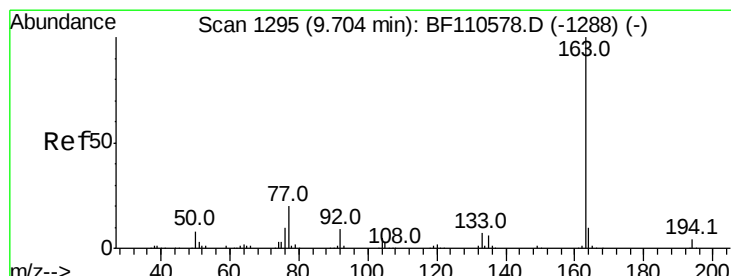
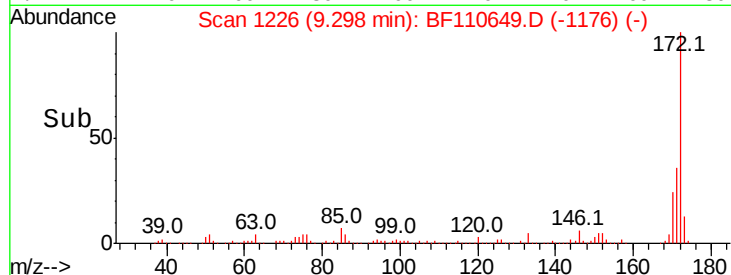
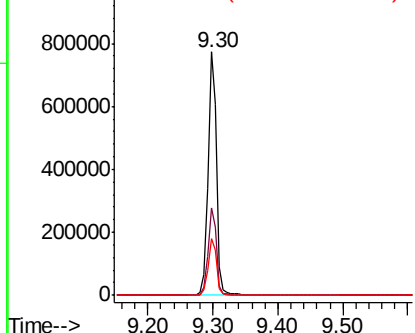
#45
2-Fluorobiphenyl
Concen: 70.093 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110649.D
Acq: 10 Nov 2018 1:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 691163
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.5 19.7 29.5

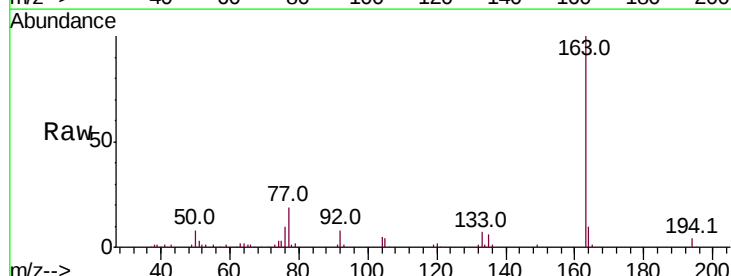


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

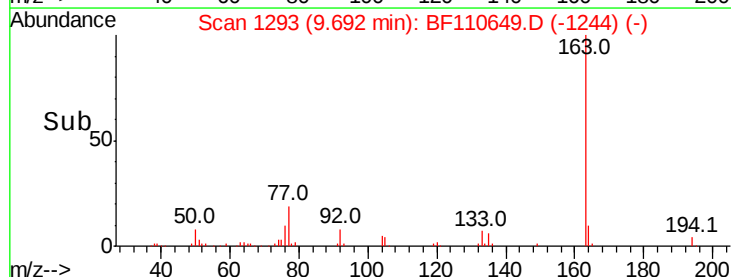
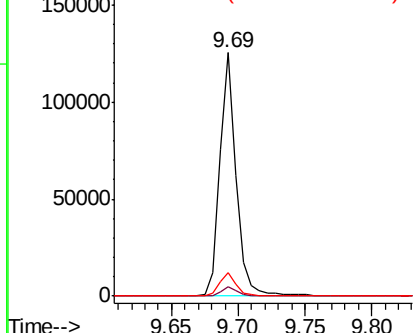


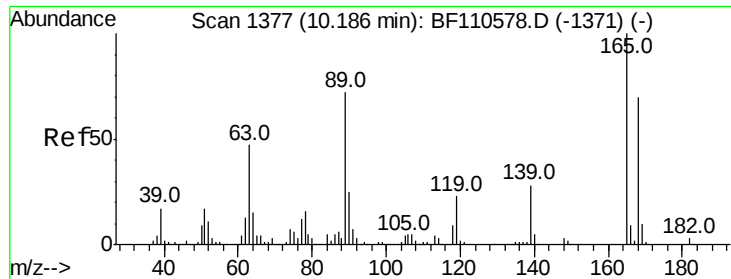
#50
Dimethylphthalate
Concen: 10.361 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110649.D
Acq: 10 Nov 2018 1:15

Tgt Ion:163 Resp: 108875
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 9.8 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

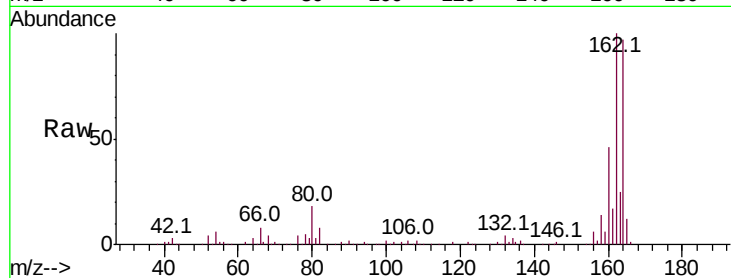




#57
 2,4-Dinitrotoluene
 Concen: 5.870 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. -0.20 min
 Lab File: BF110649.D
 Acq: 10 Nov 2018 1:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	1.6	62.2	93.4#
182	0.0	2.1	3.1#

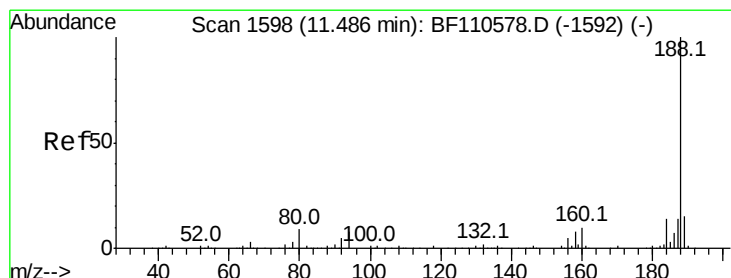
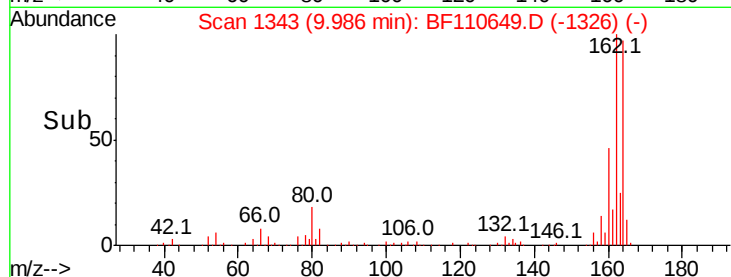
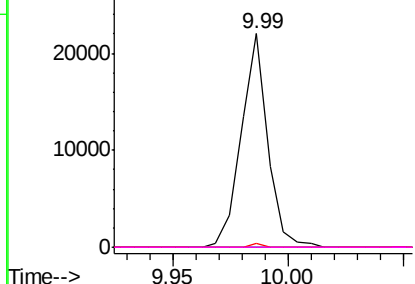


Abundance Ion 165.00 (164.70 to 165.70): E

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



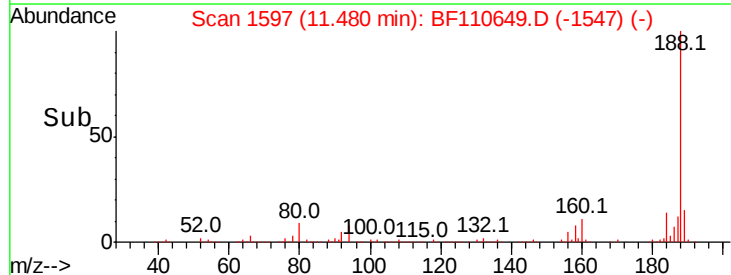
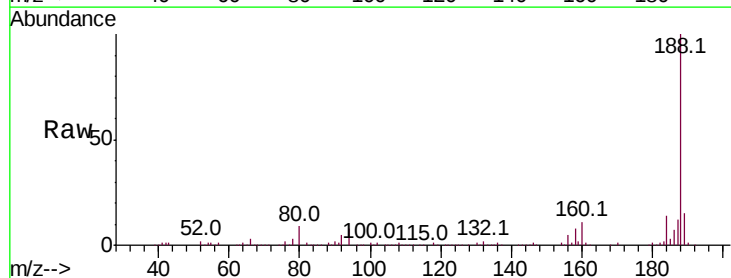
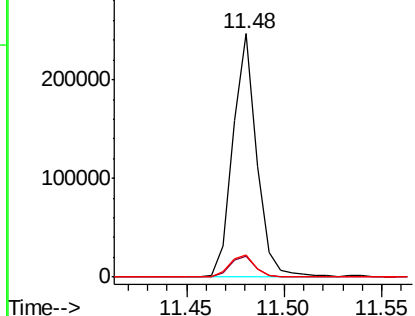
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110649.D
 Acq: 10 Nov 2018 1:15

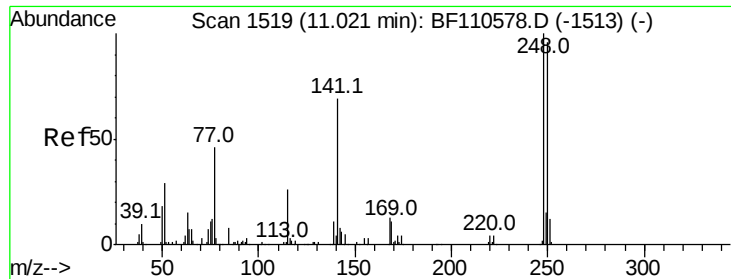
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	9.0	7.9	11.9

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

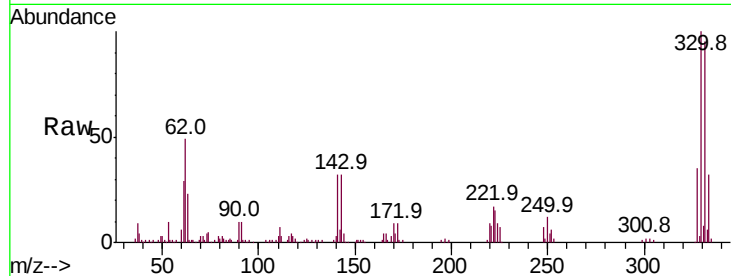




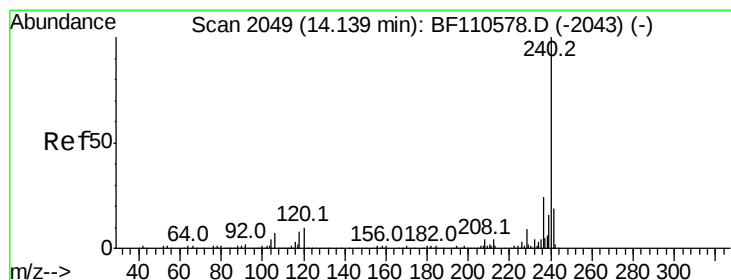
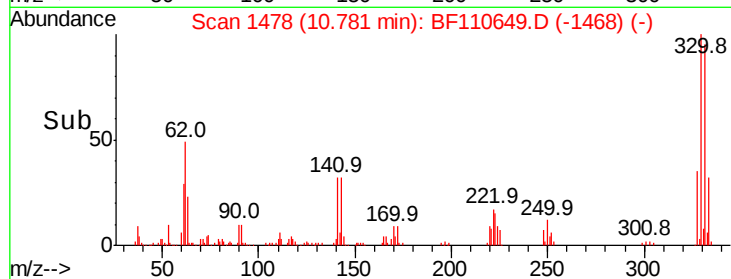
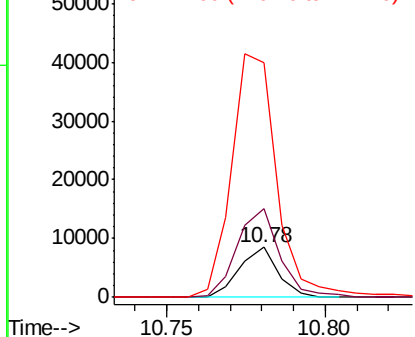
#67
 4-Bromophenyl-phenylether
 Concen: 3.088 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.24 min
 Lab File: BF110649.D
 Acq: 10 Nov 2018 1:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 7147
 Ion Ratio Lower Upper
 248 100
 250 176.5 79.4 119.2#
 141 468.9 55.9 83.9#

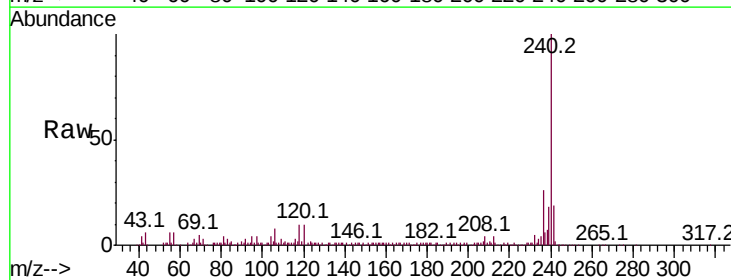


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

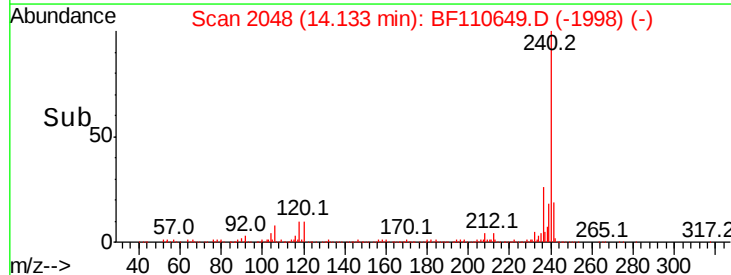
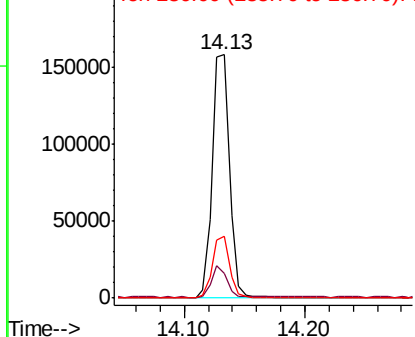


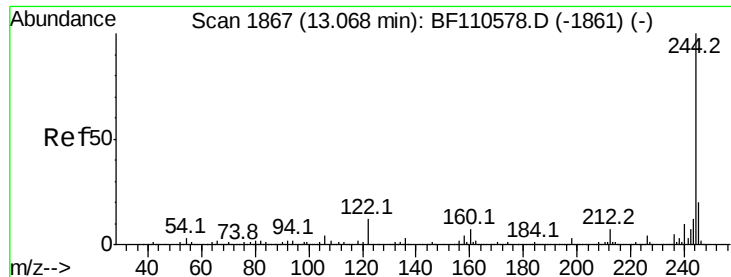
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.13 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: BF110649.D
 Acq: 10 Nov 2018 1:15

Tgt Ion:240 Resp: 155735
 Ion Ratio Lower Upper
 240 100
 120 10.0 8.3 12.5
 236 25.5 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: 55.677 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110649.D

Acq: 10 Nov 2018 1:15

Instrument :

BNA_F

ClientSampleId :

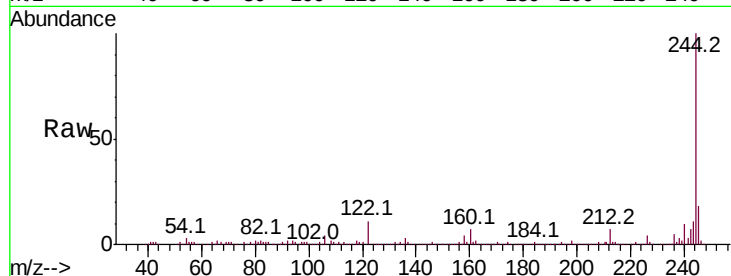
Tot Ion:244 Resp: 463000

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

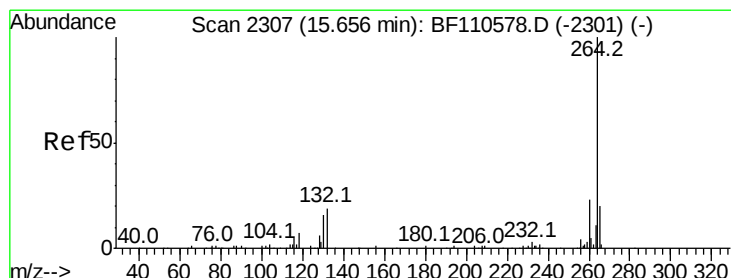
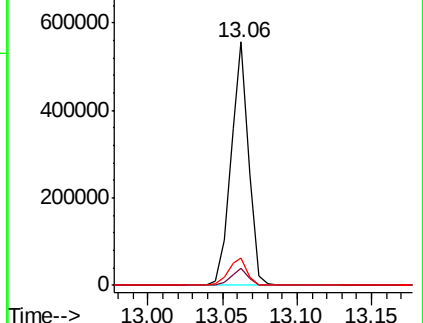
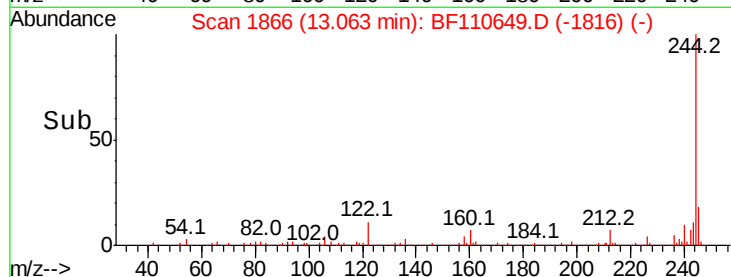
122 11.2 8.7 13.1



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: BF110649.D

Acq: 10 Nov 2018 1:15

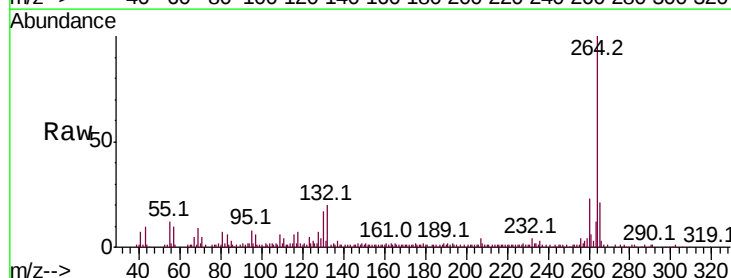
Tgt Ion:264 Resp: 110777

Ion Ratio Lower Upper

264 100

260 23.4 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

