

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031819\
 Data File : BF113120.D
 Acq On : 19 Mar 2019 5:30
 Operator : JU/SJ
 Sample : K1947-09
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B033-031319

Quant Time: Mar 19 06:48:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

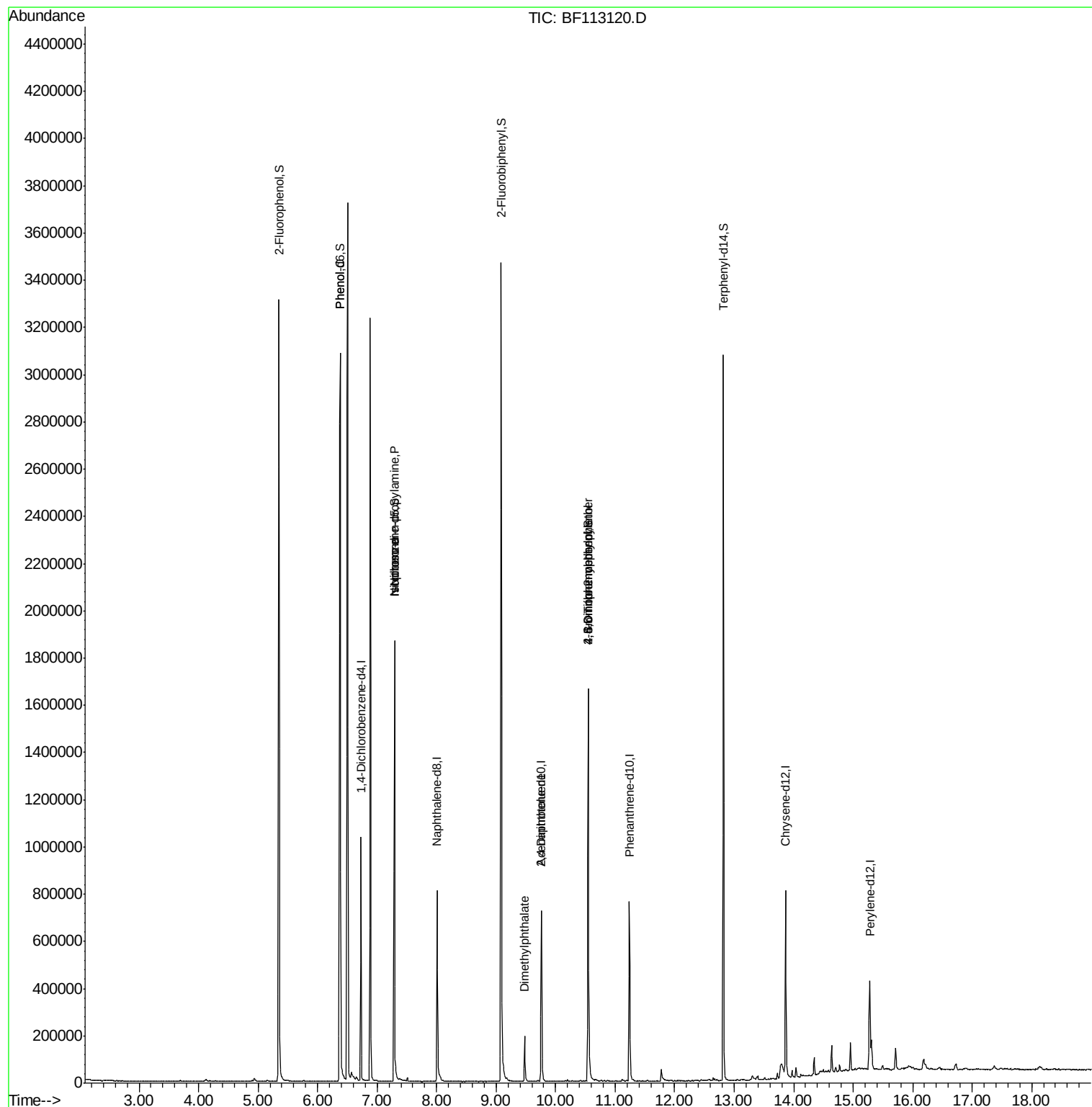
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	142304	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	421460	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	177861	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	327896	20.00	ng	0.00
76) Chrysene-d12	13.87	240	311428	20.00	ng	0.00
87) Perylene-d12	15.28	264	216554	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	989788	108.20	ng	0.00
7) Phenol-d6	6.38	99	1234940	107.46	ng	0.00
23) Nitrobenzene-d5	7.29	82	662042	94.00	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	269026	142.48	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1181387	125.47	ng	0.00
79) Terphenyl-d14	12.82	244	1108627	69.01	ng	0.00
Target Compounds						
10) Phenol	6.39	94	71358	5.321	ng	96
19) n-Nitroso-di-n-propylamine	7.29	70	87450	12.016	ng	# 77
25) Isophorone	7.29	82	658203	43.377	ng	# 66
50) Dimethylphthalate	9.48	163	105022	8.008	ng	99
57) 2,4-Dinitrotoluene	9.76	165	22559	6.645	ng	# 16
65) 4,6-Dinitro-2-methylphenol	10.55	198	300	4.814	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	14899	4.314	ng	# 1

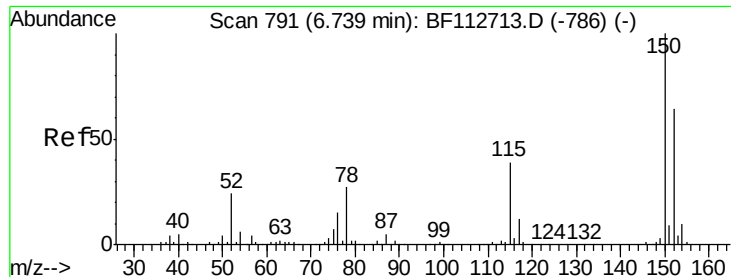
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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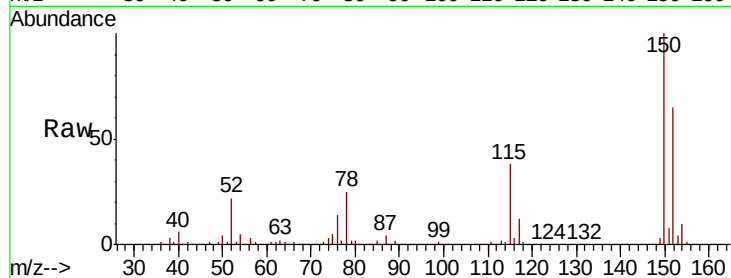


#1

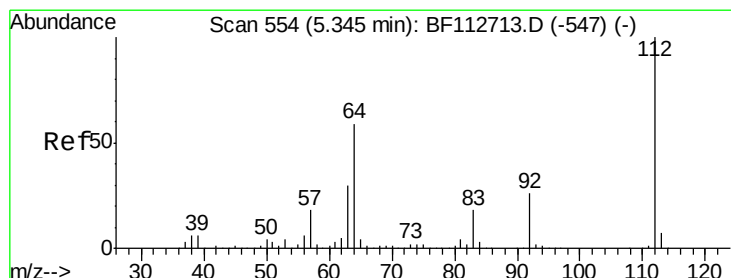
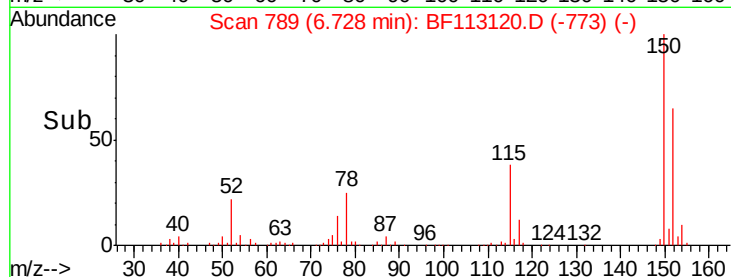
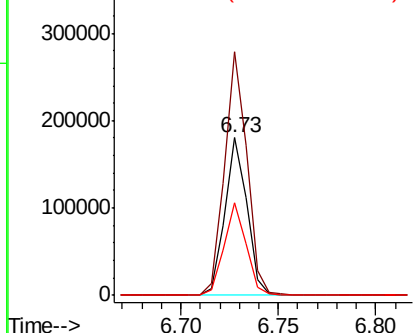
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113120.D
Acq: 19 Mar 2019 5:30

Instrument :
BNA_F
ClientSampleId :
PST-025-B033-031319

Tgt Ion:152 Resp: 142304
Ion Ratio Lower Upper
152 100
150 154.5 124.2 186.2
115 58.9 48.2 72.4



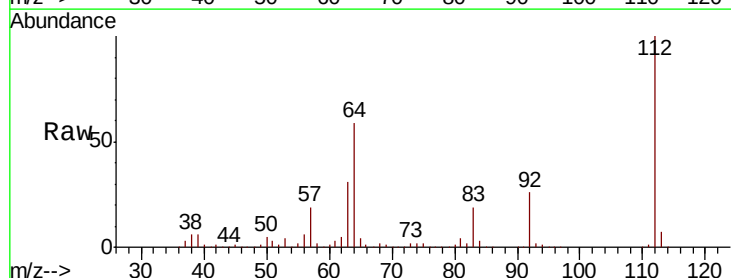
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



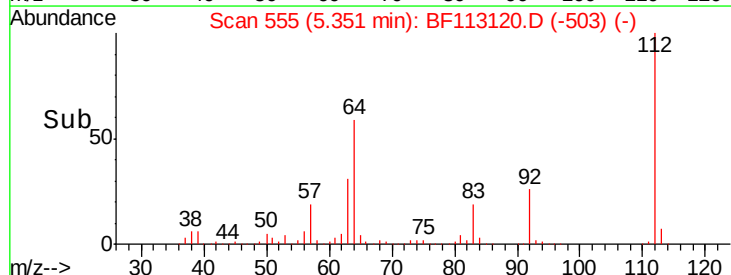
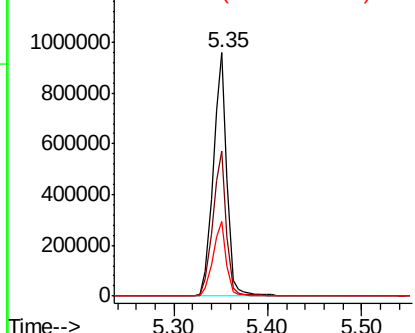
#5

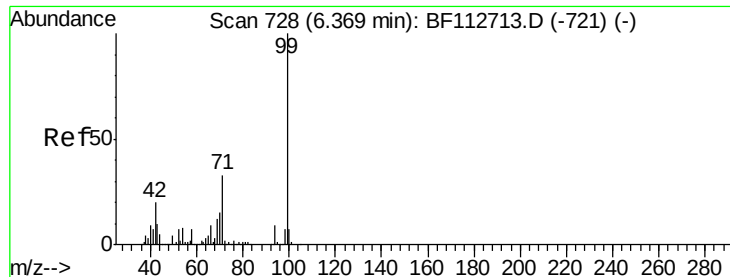
2-Fluorophenol
Concen: 108.195 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF113120.D
Acq: 19 Mar 2019 5:30

Tgt Ion:112 Resp: 989788
Ion Ratio Lower Upper
112 100
64 59.5 47.6 71.4
63 30.5 24.4 36.6



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: 107.464 ng

RT: 6.38 min Scan# 730

Delta R.T. 0.01 min

Lab File: BF113120.D

Acq: 19 Mar 2019 5:30

Instrument :

BNA_F

ClientSampleId :

PST-025-B033-031319

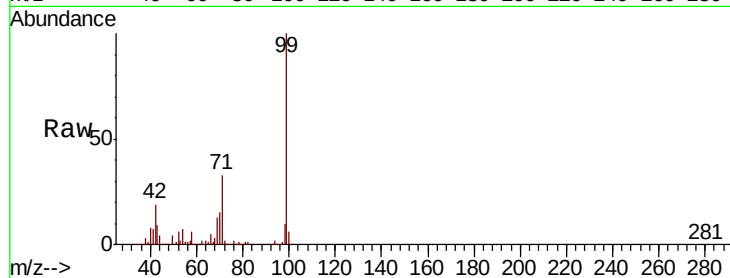
Tgt Ion: 99 Resp: 1234940

Ion Ratio Lower Upper

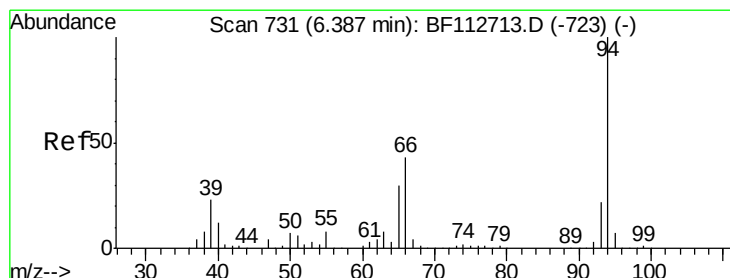
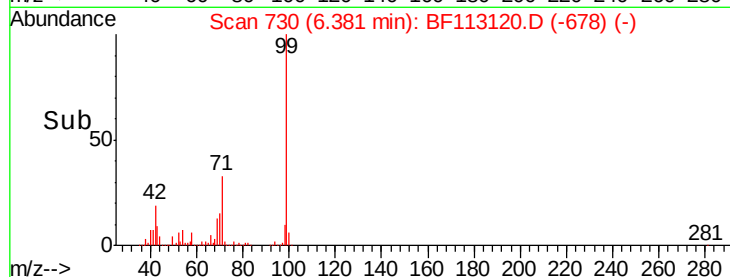
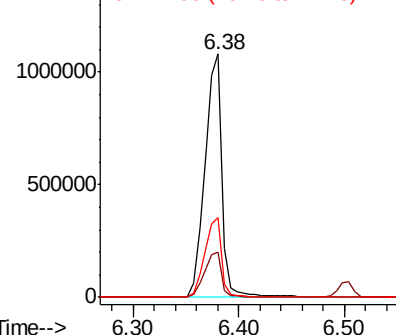
99 100

42 18.5 16.3 24.5

71 32.7 26.2 39.4



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: 5.321 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF113120.D

Acq: 19 Mar 2019 5:30

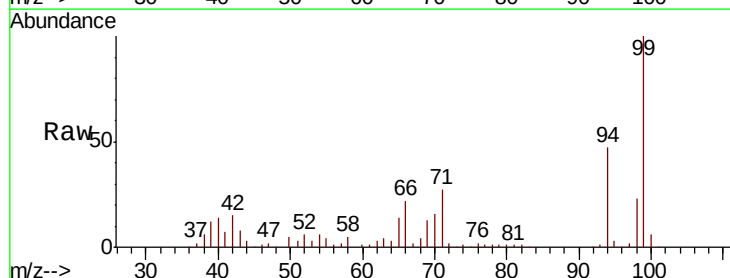
Tgt Ion: 94 Resp: 71358

Ion Ratio Lower Upper

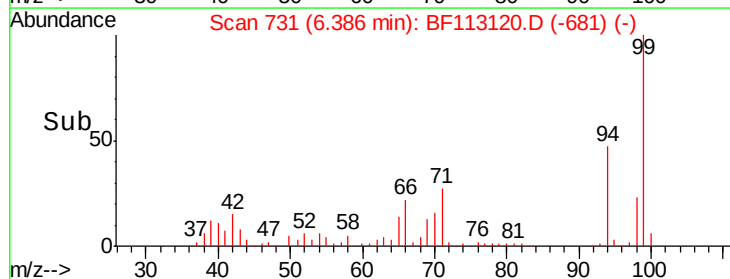
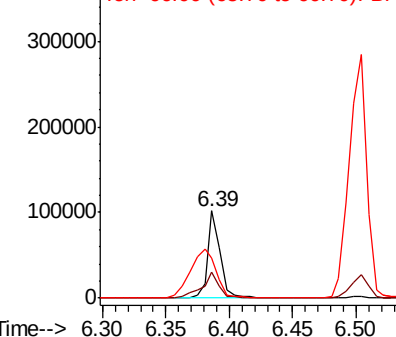
94 100

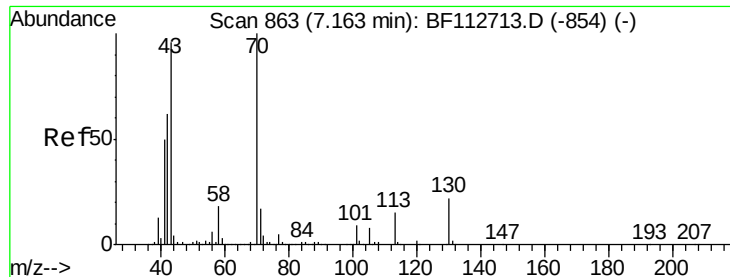
65 29.7 10.5 50.5

66 46.4 22.6 62.6



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: 12.016 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF113120.D

Acq: 19 Mar 2019 5:30

Instrument :

BNA_F

ClientSampleId :

PST-025-B033-031319

Tgt Ion: 70 Resp: 87450

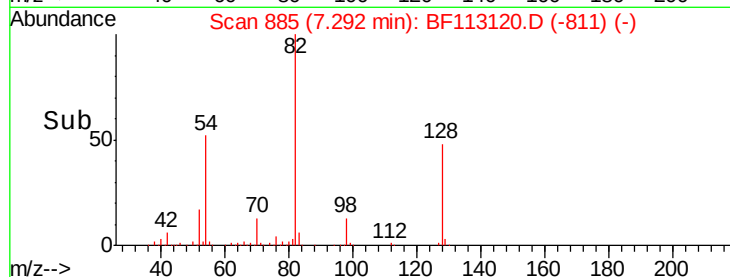
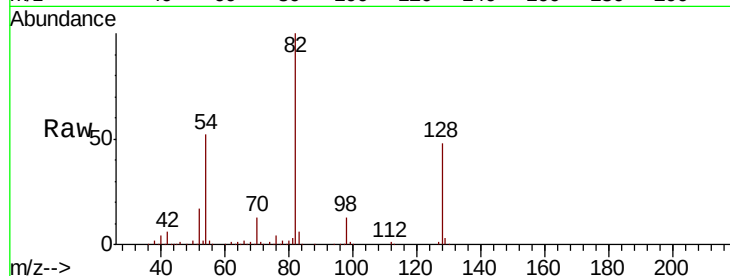
Ion Ratio Lower Upper

70 100

42 49.9 49.9 74.9#

101 0.0 7.4 11.2#

130 2.4 17.4 26.2#

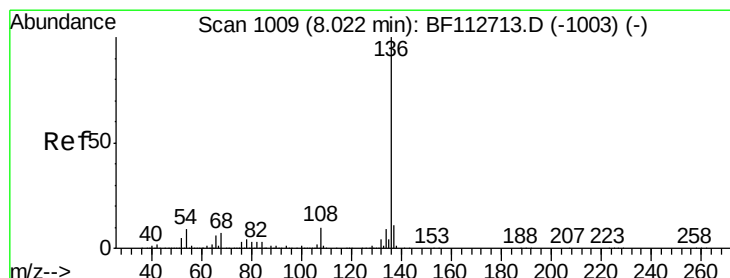
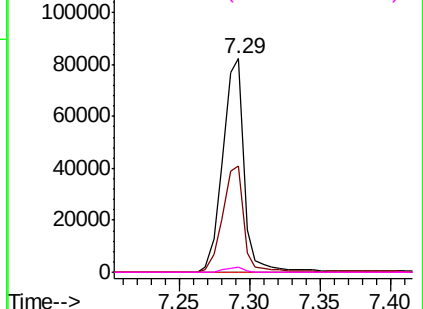


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113120.D

Acq: 19 Mar 2019 5:30

Tgt Ion: 136 Resp: 421460

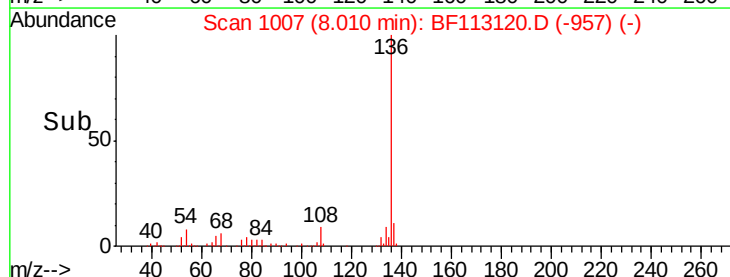
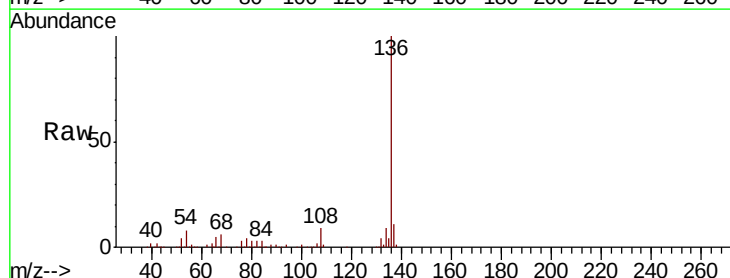
Ion Ratio Lower Upper

136 100

137 10.8 8.9 13.3

54 7.9 7.3 10.9

68 5.5 5.4 8.2

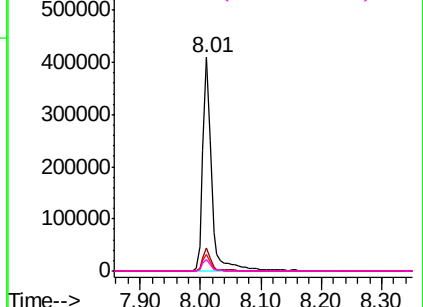


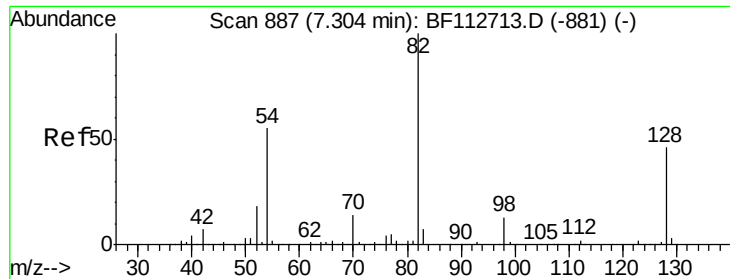
Abundance Ion 136.00 (135.70 to 136.70): BF1

Ion 137.00 (136.70 to 137.70): BF1

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

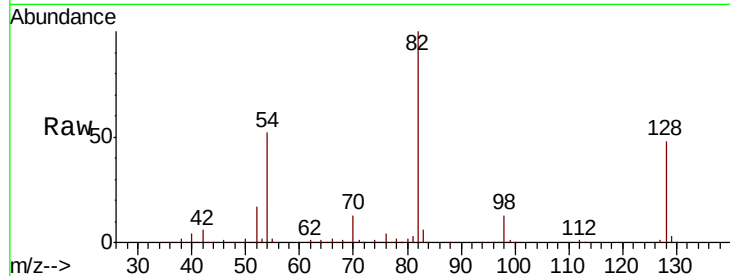




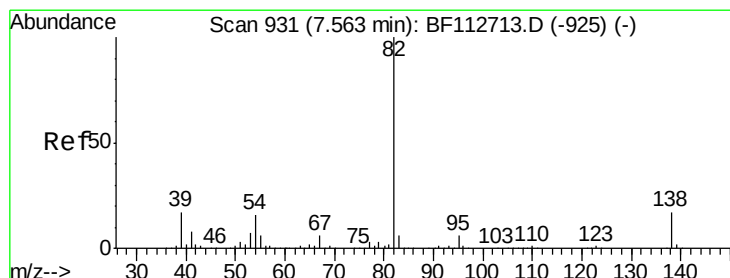
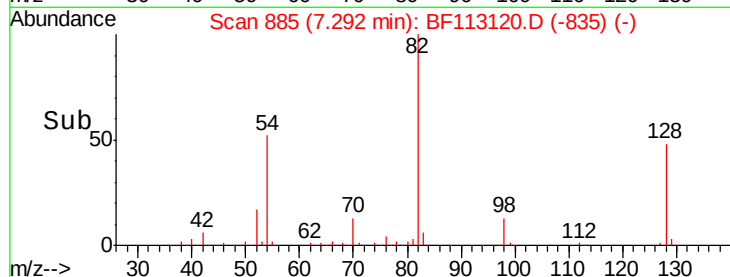
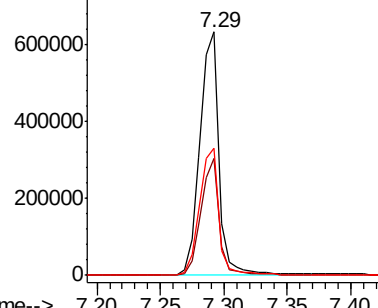
#23
 Nitrobenzene-d5
 Concen: 93.995 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.01 min
 Lab File: BF113120.D
 Acq: 19 Mar 2019 5:30

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B033-031319

Tgt Ion: 82 Resp: 662042
 Ion Ratio Lower Upper
 82 100
 128 48.0 36.3 54.5
 54 52.2 43.7 65.5

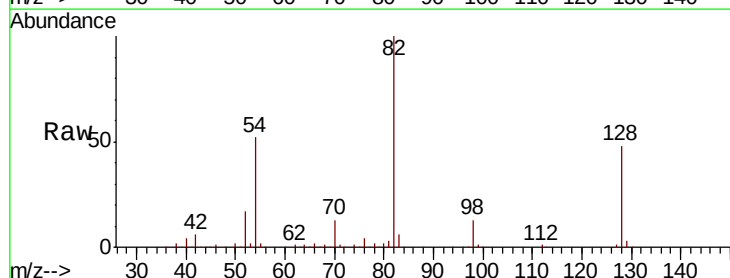


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

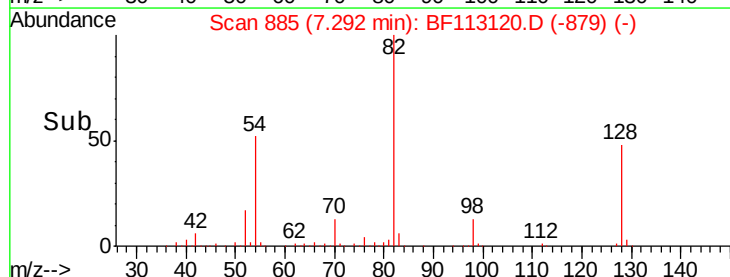
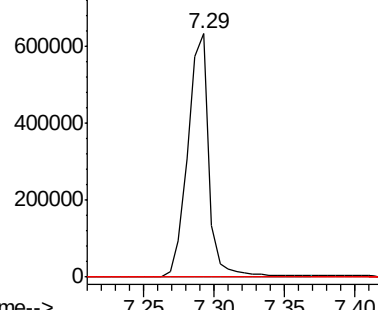


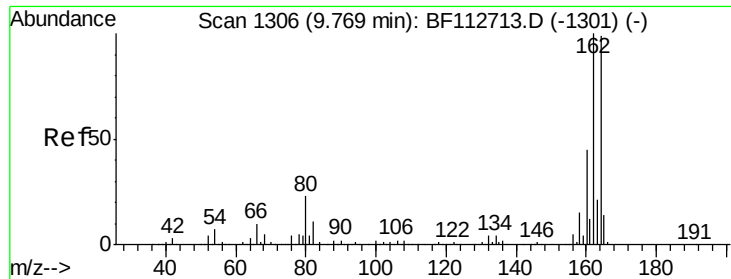
#25
 Isophorone
 Concen: 43.377 ng
 RT: 7.29 min Scan# 885
 Delta R.T. -0.26 min
 Lab File: BF113120.D
 Acq: 19 Mar 2019 5:30

Tgt Ion: 82 Resp: 658203
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 13.8 20.8#



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

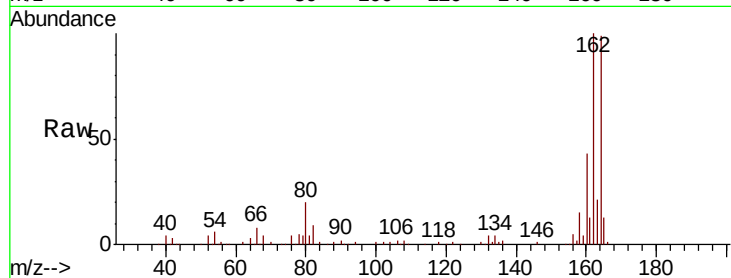




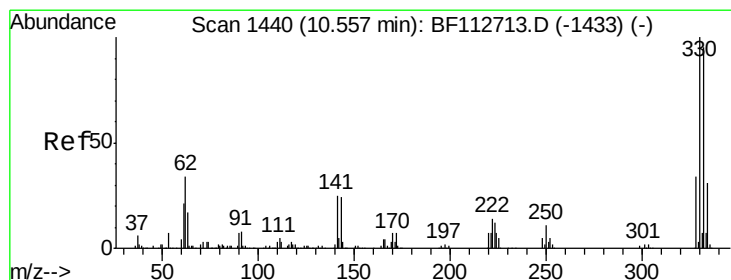
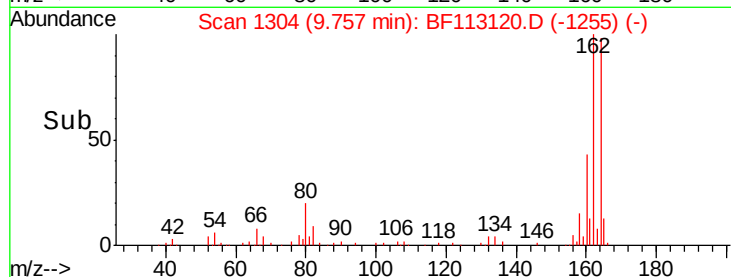
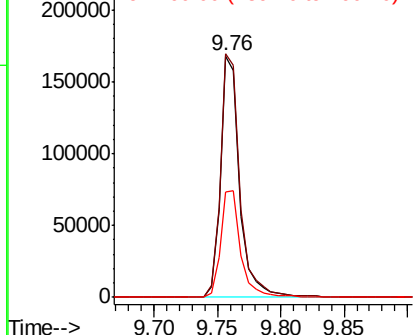
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF113120.D
 Acq: 19 Mar 2019 5:30

Instrument :
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 ClientSampleId :
 PST-025-B033-031319

Tgt Ion:164 Resp: 177861
 Ion Ratio Lower Upper
 164 100
 162 100.8 80.6 120.8
 160 43.6 36.0 54.0

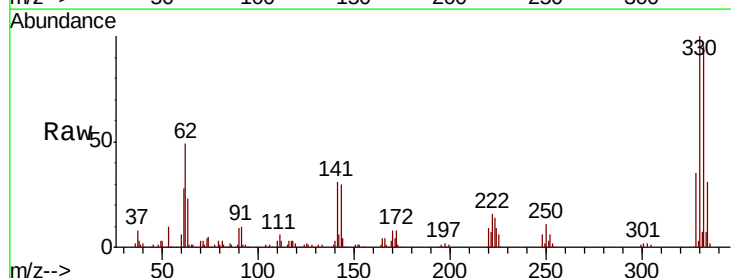


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

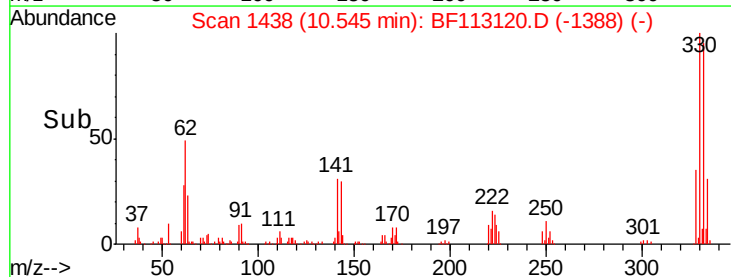
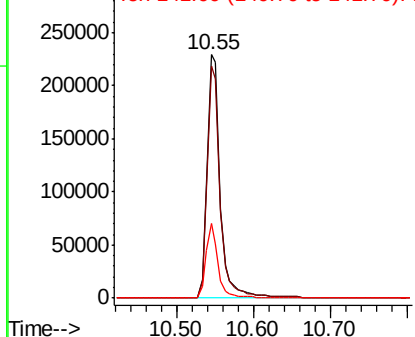


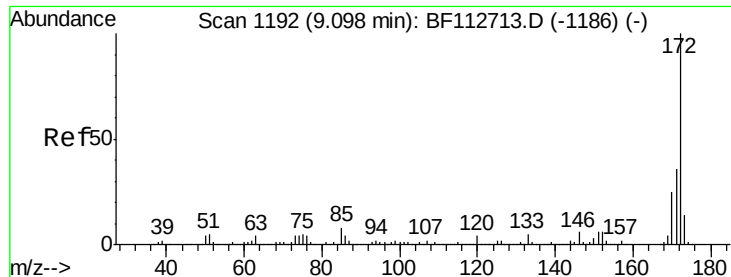
#42
 2,4,6-Tribromophenol
 Concen: 142.476 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113120.D
 Acq: 19 Mar 2019 5:30

Tgt Ion:330 Resp: 269026
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.2 114.4
 141 28.6 27.0 40.6



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

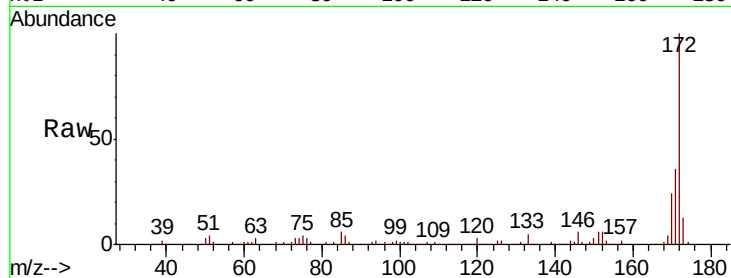




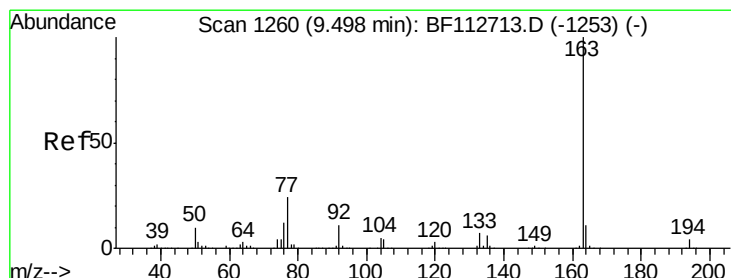
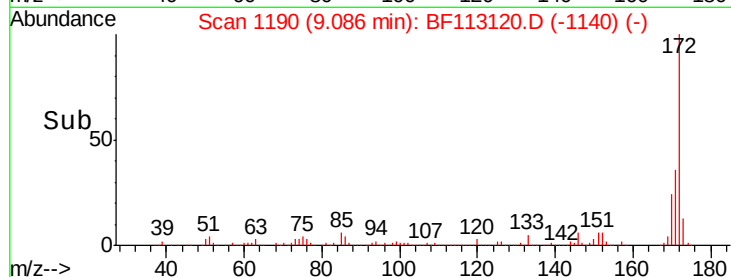
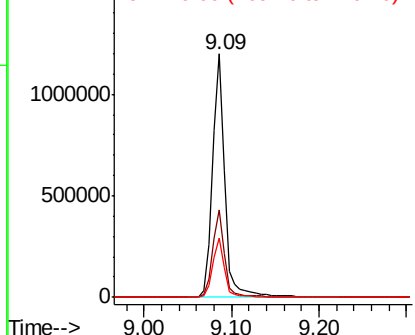
#45
 2-Fluorobiphenyl
 Concen: 125.473 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113120.D
 Acq: 19 Mar 2019 5:30

Instrument :
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 PST-025-B033-031319

Tgt Ion:172 Resp: 1181387
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.0 43.4
 170 24.3 20.0 30.0

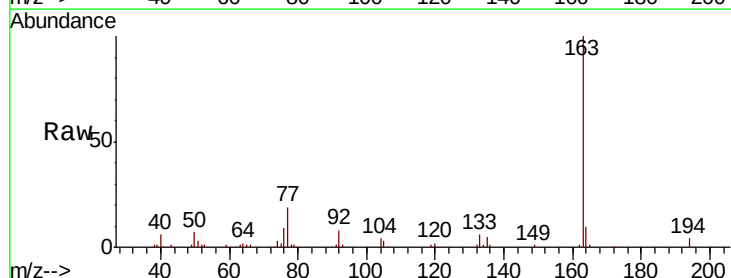


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

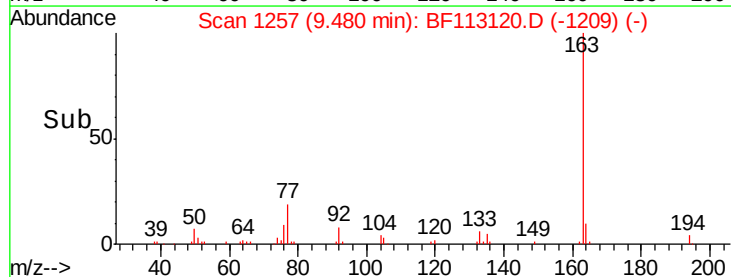
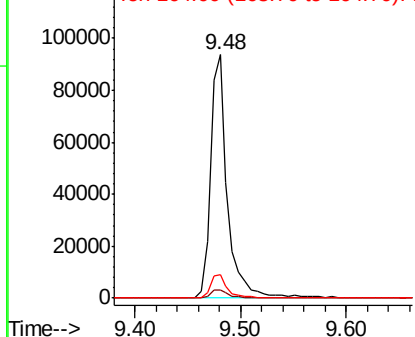


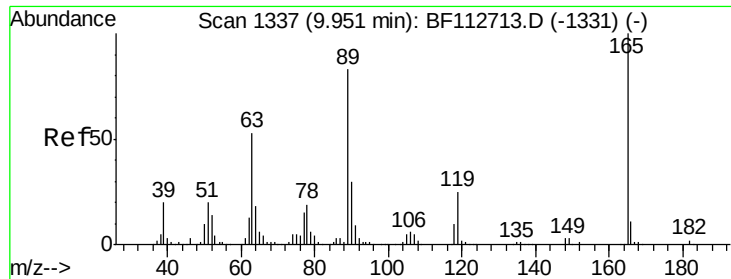
#50
 Dimethylphthalate
 Concen: 8.008 ng
 RT: 9.48 min Scan# 1257
 Delta R.T. -0.02 min
 Lab File: BF113120.D
 Acq: 19 Mar 2019 5:30

Tgt Ion:163 Resp: 105022
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.0 4.4
 164 9.8 8.4 12.6



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

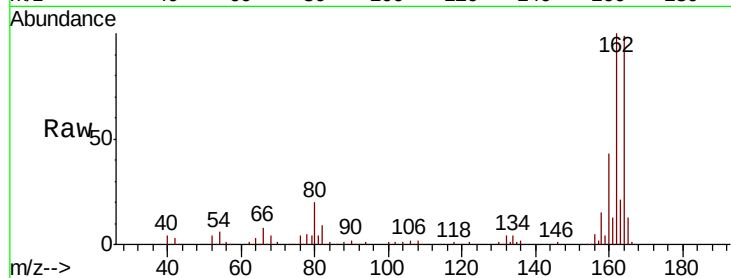




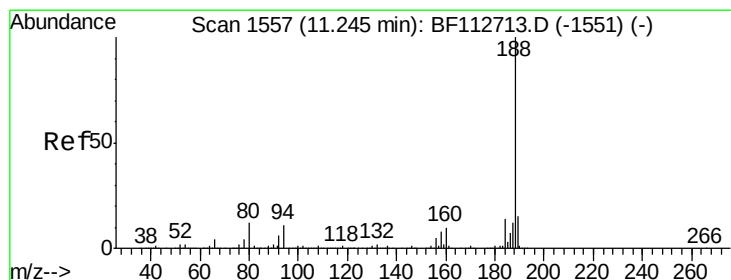
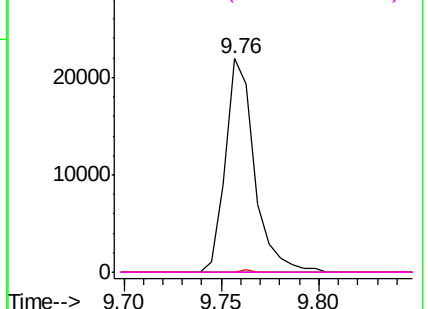
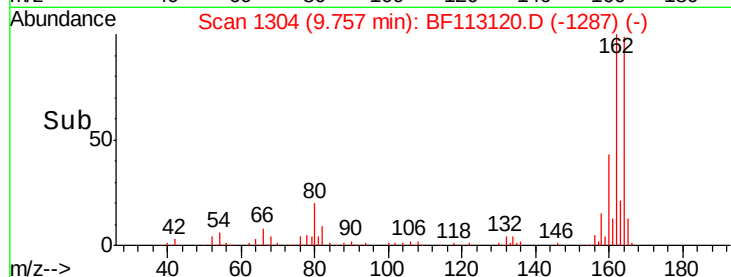
#57
 2,4-Dinitrotoluene
 Concen: 6.645 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.20 min
 Lab File: BF113120.D
 Acq: 19 Mar 2019 5:30

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B033-031319

Tgt Ion:	165	Resp:	22559
Ion	Ratio	Lower	Upper
165	100		
63	0.0	42.2	63.2#
89	0.0	66.2	99.4#
182	0.0	1.8	2.6#

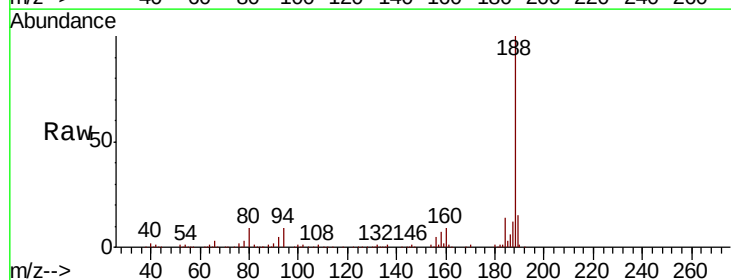


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

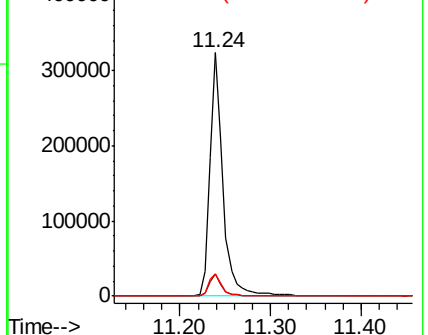
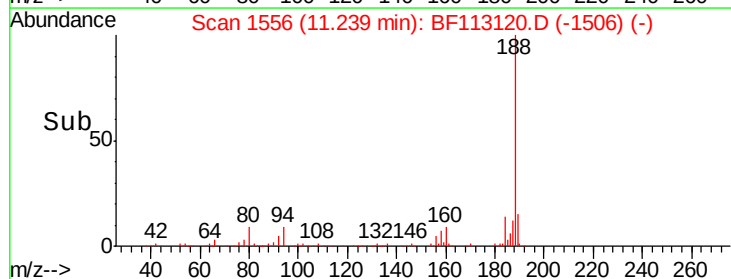


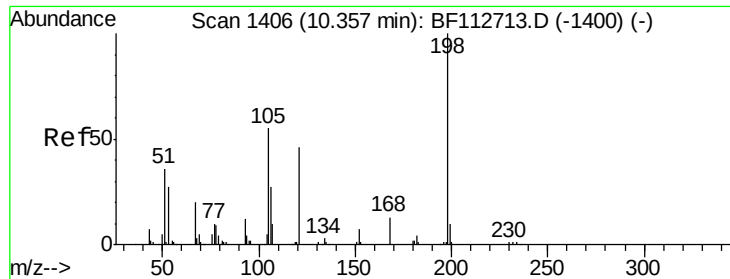
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF113120.D
 Acq: 19 Mar 2019 5:30

Tgt Ion:	188	Resp:	327896
Ion	Ratio	Lower	Upper
188	100		
94	8.9	9.0	13.4#
80	9.0	9.2	13.8#



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

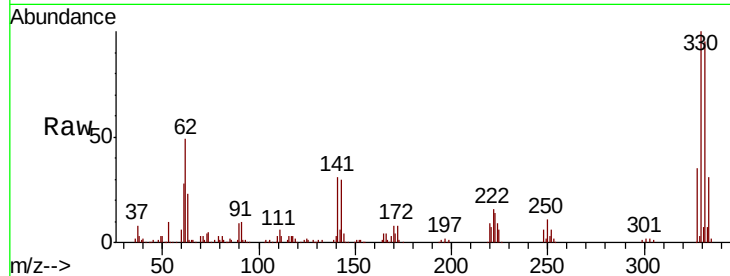




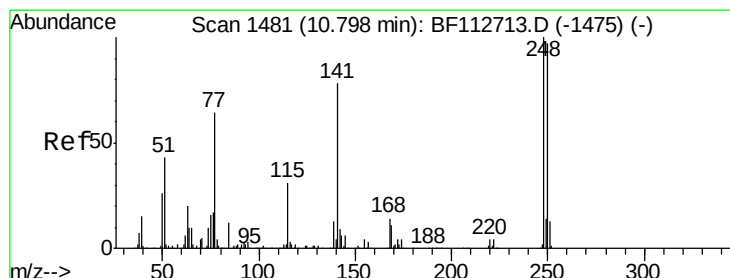
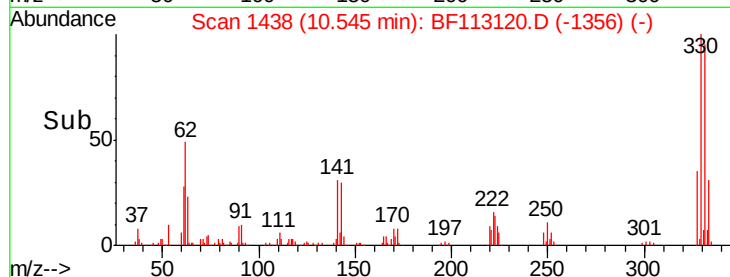
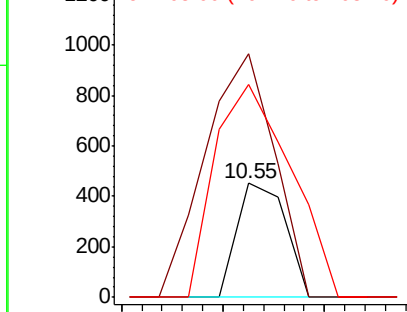
#65
 4,6-Dinitro-2-methylphenol
 Concen: 4.814 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. 0.18 min
 Lab File: BF113120.D
 Acq: 19 Mar 2019 5:30

Instrument :
 BNA_F
 ClientSampleId :
 PST-025-B033-031319

Tgt Ion:198 Resp: 300
 Ion Ratio Lower Upper
 198 100
 51 213.5 43.8 83.8#
 105 187.2 36.5 76.5#

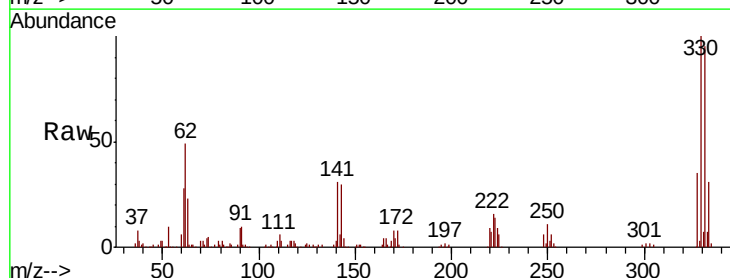


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

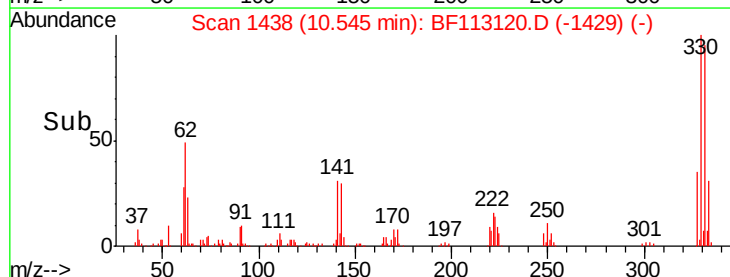
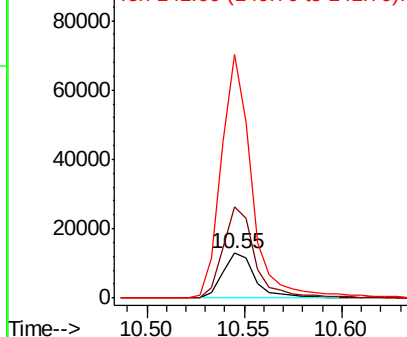


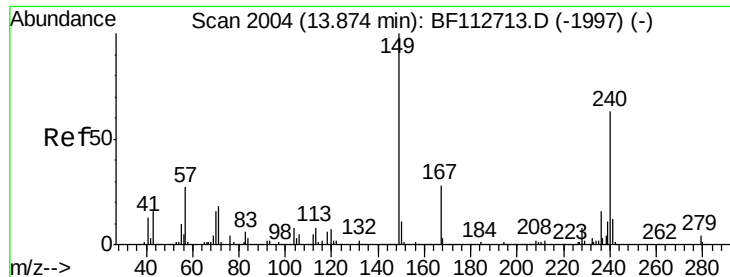
#67
 4-Bromophenyl-phenylether
 Concen: 4.314 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF113120.D
 Acq: 19 Mar 2019 5:30

Tgt Ion:248 Resp: 14899
 Ion Ratio Lower Upper
 248 100
 250 201.4 77.5 116.3#
 141 539.5 62.4 93.6#



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: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF113120.D

Acq: 19 Mar 2019 5:30

Instrument :

BNA_F

ClientSampleId :

PST-025-B033-031319

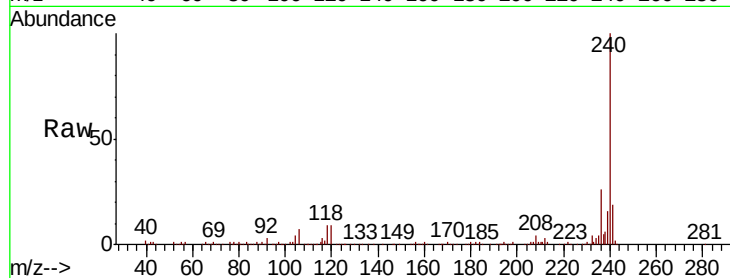
Tgt Ion:240 Resp: 311428

Ion Ratio Lower Upper

240 100

120 9.4 8.9 13.3

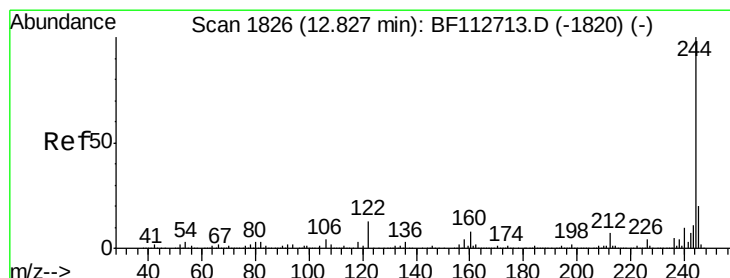
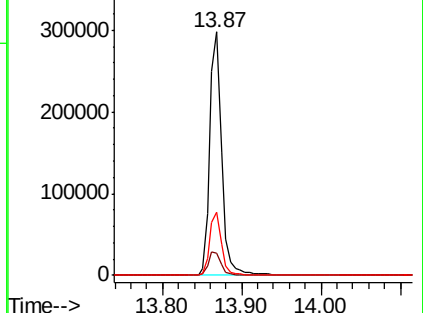
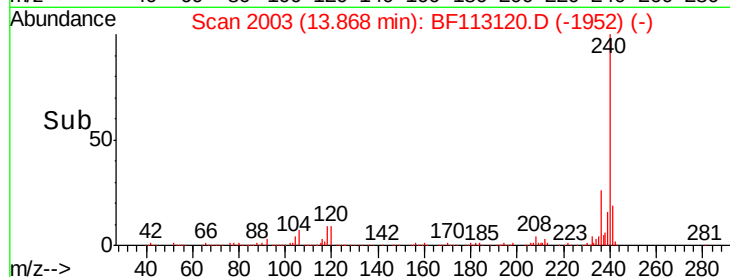
236 26.1 20.7 31.1



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: 69.007 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BF113120.D

Acq: 19 Mar 2019 5:30

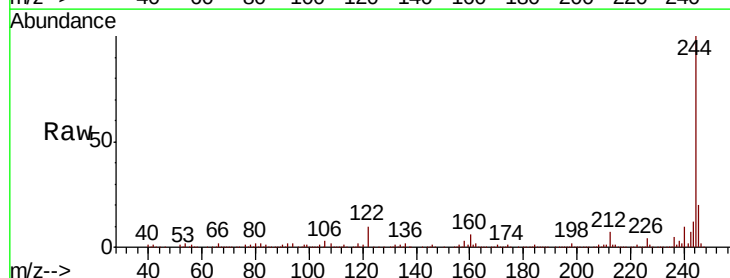
Tgt Ion:244 Resp: 1108627

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

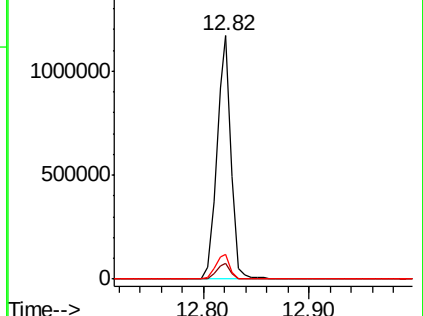
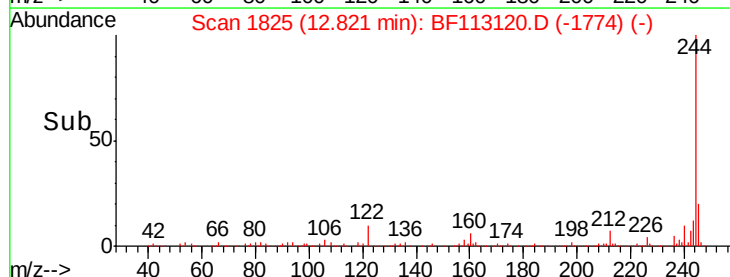
122 10.3 10.5 15.7#

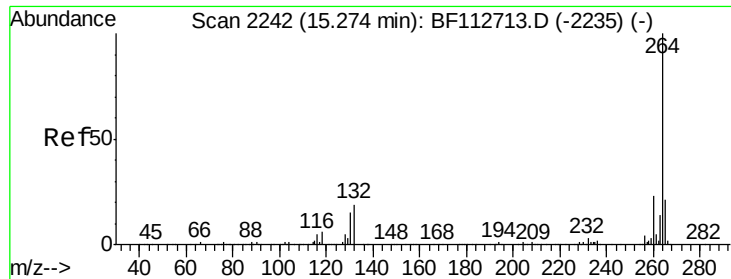


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF113120.D
Acq: 19 Mar 2019 5:30

Instrument :
BNA_F
ClientSampleId :
PST-025-B033-031319

Tgt Ion:	264	Resp:	216554
Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.7	28.1
265	20.4	17.2	25.8

