

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031119\
 Data File : BF112957.D
 Acq On : 11 Mar 2019 16:25
 Operator : JU/SJ
 Sample : K1785-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SD4-0.0-0.5

Quant Time: Mar 12 04:38:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 15:40:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	152610	20.00	ng	-0.01
21) Naphthalene-d8	8.01	136	584918	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	299783	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	658574	20.00	ng	0.00
76) Chrysene-d12	13.86	240	686620	20.00	ng	-0.01
87) Perylene-d12	15.27	264	670158	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.34	112	1032205	105.21	ng	0.00
7) Phenol-d6	6.37	99	1331362	108.03	ng	0.00
23) Nitrobenzene-d5	7.29	82	805092	82.36	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	442138	138.92	ng	-0.01
45) 2-Fluorobiphenyl	9.09	172	1336755	70.67	ng	-0.01
79) Terphenyl-d14	12.82	244	1571993	44.38	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.37	94	62557	4.350	ng	95
19) n-Nitroso-di-n-propylamine	7.29	70	103992	13.323	ng	# 75
25) Isophorone	7.29	82	798686	37.926	ng	# 66
50) Dimethylphthalate	9.48	163	110350	4.992	ng	99
51) 2,6-Dinitrotoluene	9.76	165	38032	8.262	ng	# 18
57) 2,4-Dinitrotoluene	9.76	165	38032	6.647	ng	# 18
65) 4,6-Dinitro-2-methylphenol	10.55	198	734	4.858	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	25297	3.647	ng	# 1

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

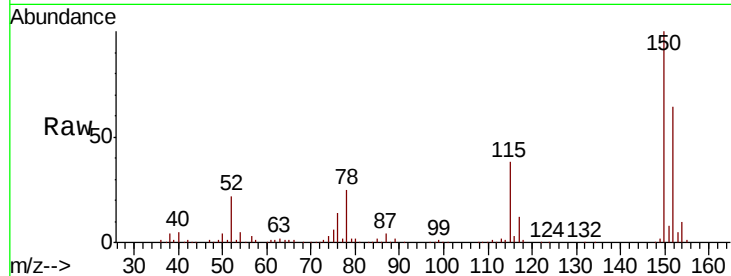
```
Data Path : Z:\SV0ASRV\HPCHEM1\BNA_F\DATA\BF031119\  
Data File : BF112957.D  
Acq On    : 11 Mar 2019  16:25  
Operator  : JU/SJ  
Sample    : K1785-01  
Misc      :  
ALS Vial  : 5      Sample Multiplier: 1
```



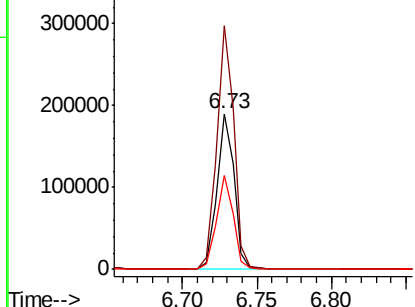
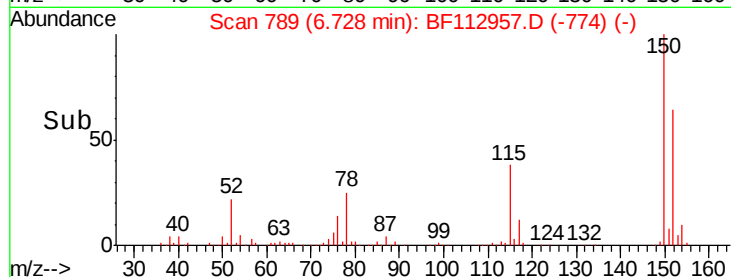
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.73 min Scan# 789
 Delta R.T. -0.01 min
 Lab File: BF112957.D
 Acq: 11 Mar 2019 16:25

Instrument :
 BNA_F
 ClientSampleId :
 SD4-0.0-0.5

Tgt Ion:152 Resp: 152610
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.2 186.2
 115 60.0 48.2 72.4

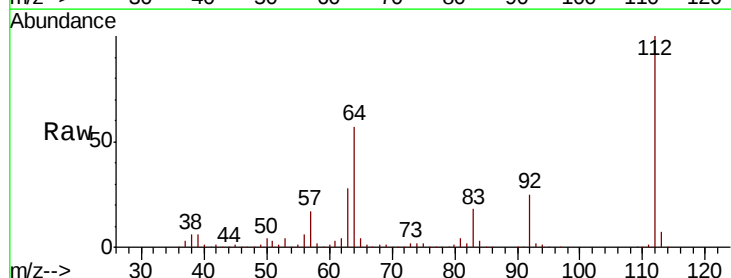


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

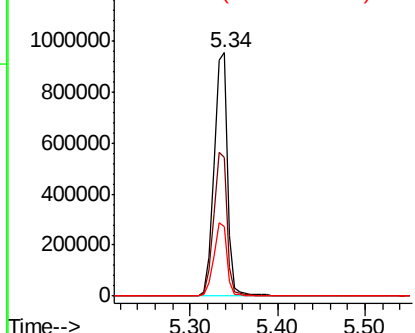
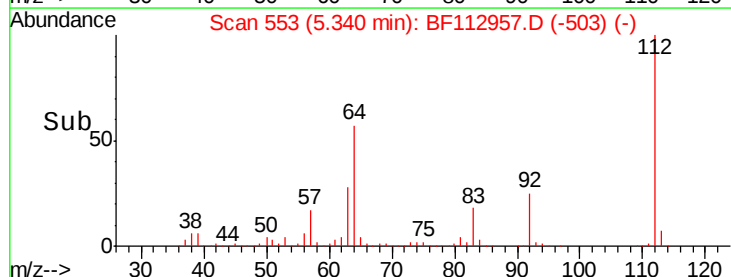


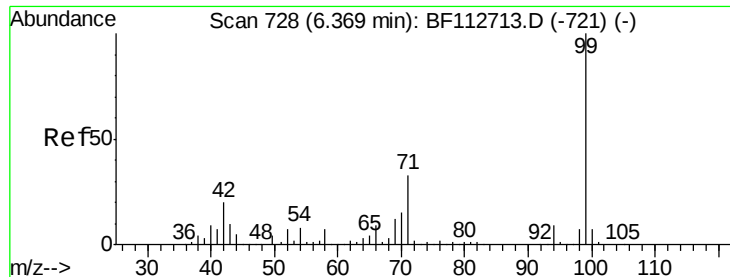
#5
 2-Fluorophenol
 Concen: 105.212 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.01 min
 Lab File: BF112957.D
 Acq: 11 Mar 2019 16:25

Tgt Ion:112 Resp: 1032205
 Ion Ratio Lower Upper
 112 100
 64 57.2 47.6 71.4
 63 28.5 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: 108.031 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF112957.D

Acq: 11 Mar 2019 16:25

Instrument :

BNA_F

ClientSampleId :

SD4-0.0-0.5

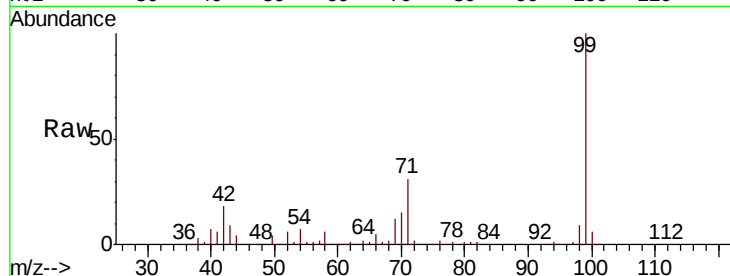
Tgt Ion: 99 Resp: 1331362

Ion Ratio Lower Upper

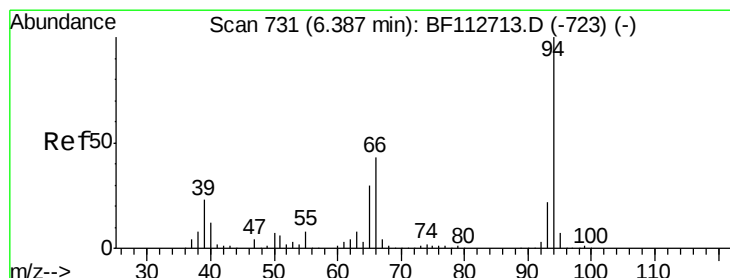
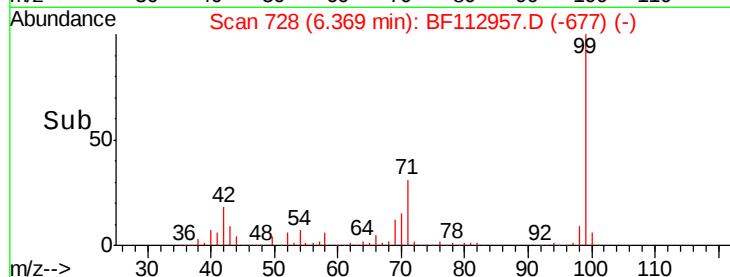
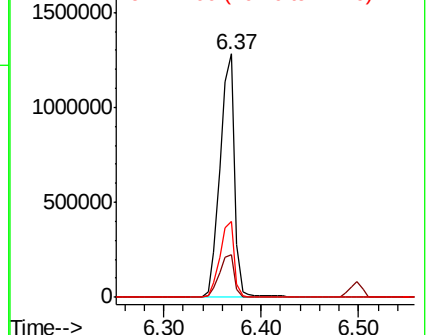
99 100

42 17.7 16.3 24.5

71 31.4 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: 4.350 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF112957.D

Acq: 11 Mar 2019 16:25

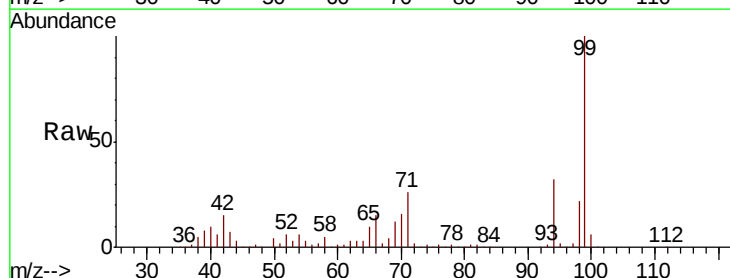
Tgt Ion: 94 Resp: 62557

Ion Ratio Lower Upper

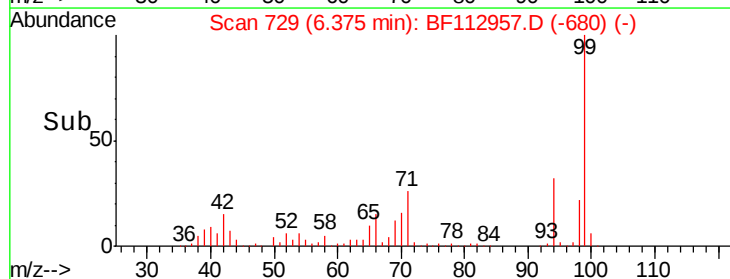
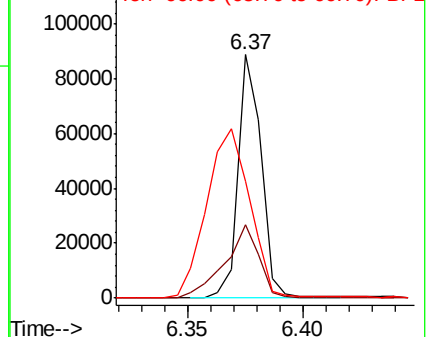
94 100

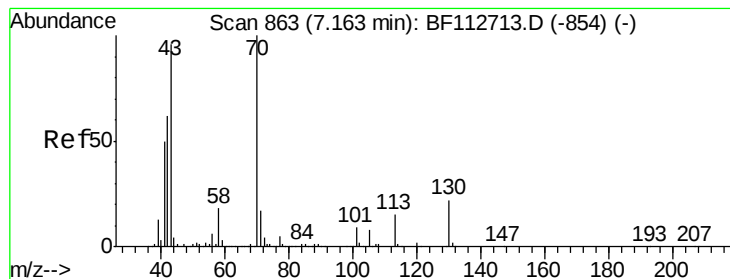
65 30.0 10.5 50.5

66 48.1 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: 13.323 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.12 min

Lab File: BF112957.D

Acq: 11 Mar 2019 16:25

Instrument :

BNA_F

ClientSampleId :

SD4-0.0-0.5

Tgt Ion: 70 Resp: 103992

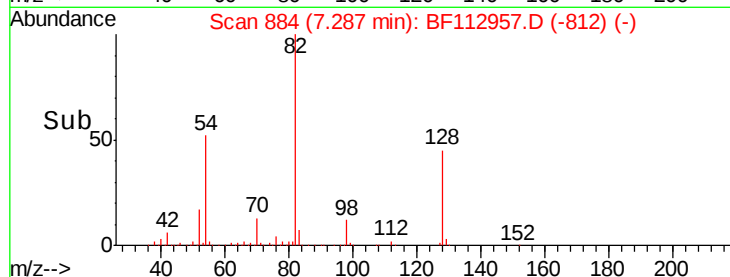
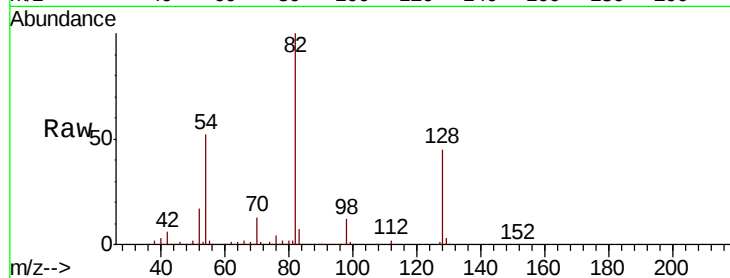
Ion Ratio Lower Upper

70 100

42 47.4 49.9 74.9#

101 0.0 7.4 11.2#

130 2.4 17.4 26.2#



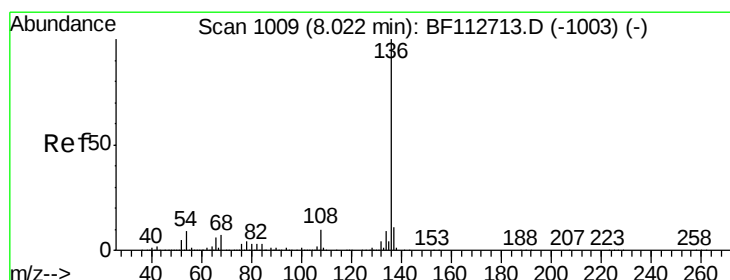
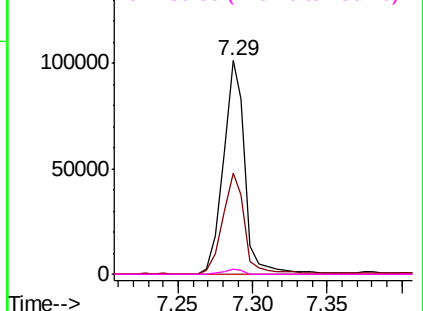
Abundance

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: BF112957.D

Acq: 11 Mar 2019 16:25

Tgt Ion: 136 Resp: 584918

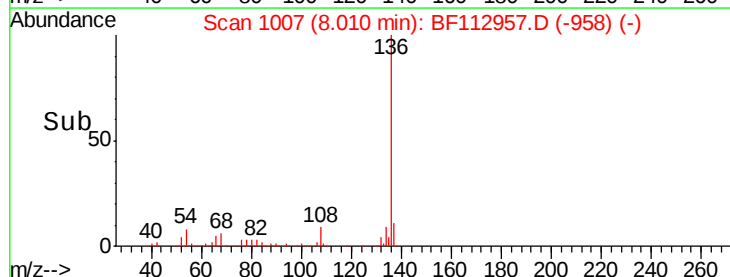
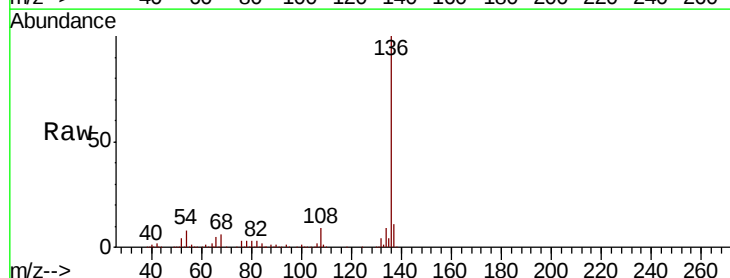
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.4 7.3 10.9

68 6.5 5.4 8.2



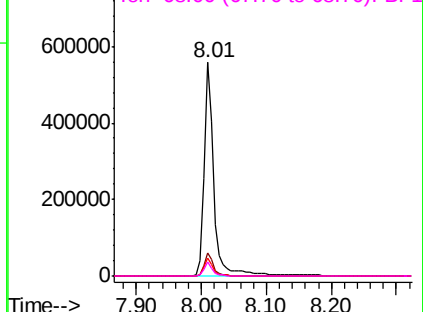
Abundance

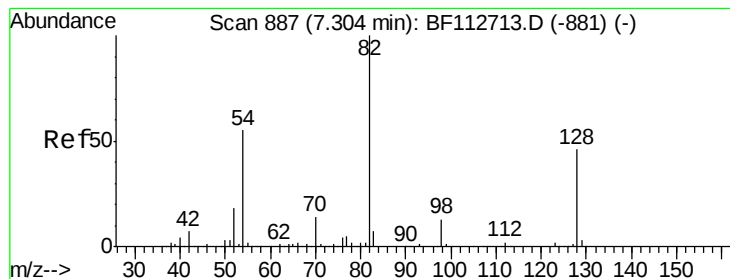
Ion 136.00 (135.70 to 136.70): BF1

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: 82.362 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.02 min

Lab File: BF112957.D

Acq: 11 Mar 2019 16:25

Instrument :

BNA_F

ClientSampleId :

SD4-0.0-0.5

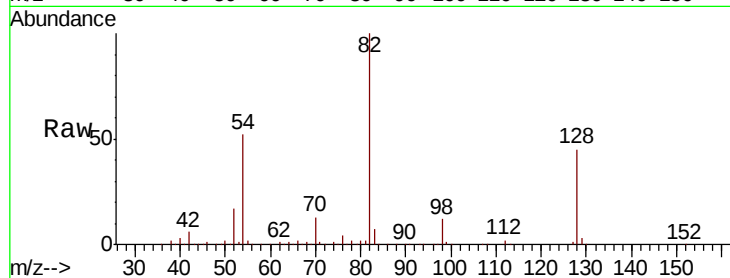
Tgt Ion: 82 Resp: 805092

Ion Ratio Lower Upper

82 100

128 44.7 36.3 54.5

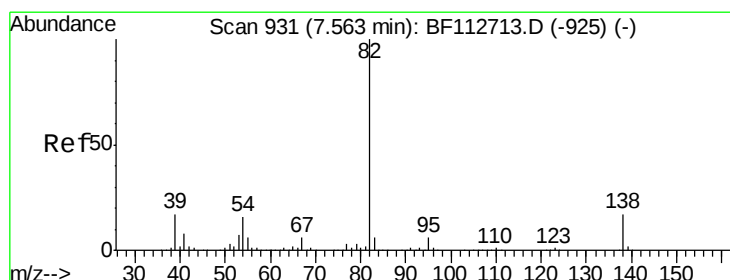
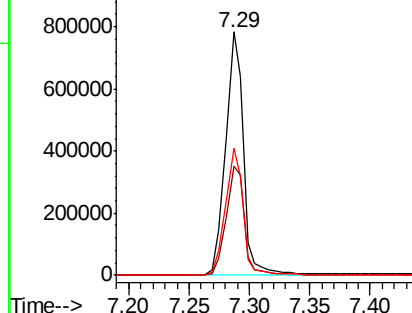
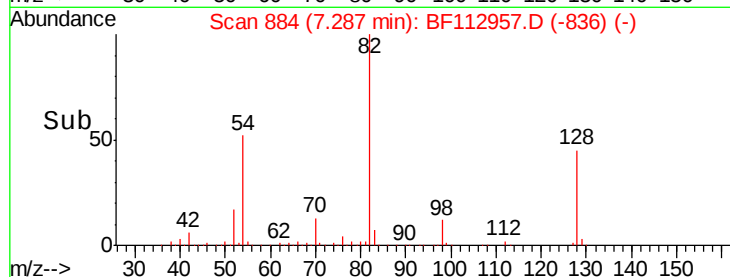
54 52.2 43.7 65.5



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: 37.926 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.28 min

Lab File: BF112957.D

Acq: 11 Mar 2019 16:25

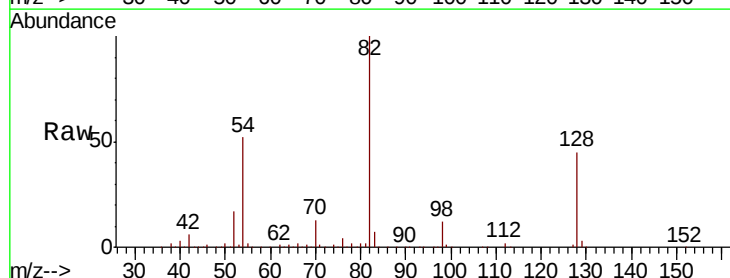
Tgt Ion: 82 Resp: 798686

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

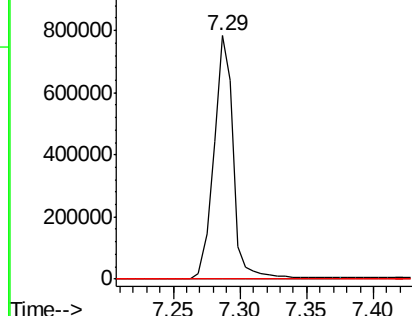
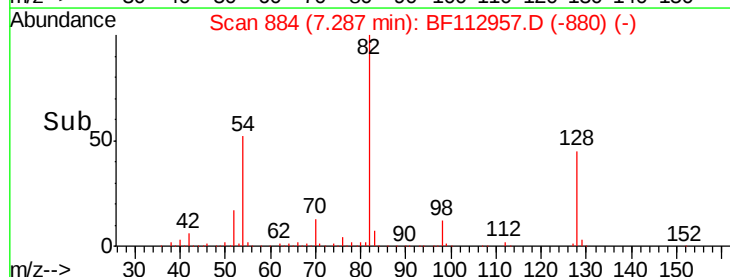
138 0.0 13.8 20.8#



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

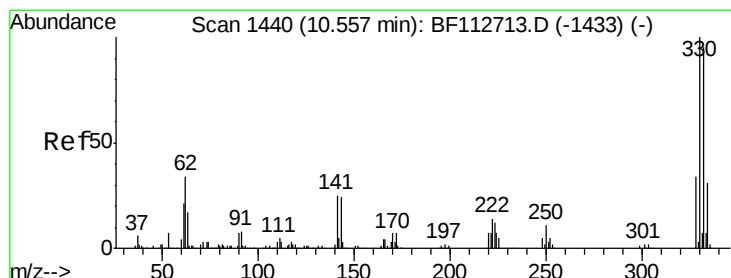
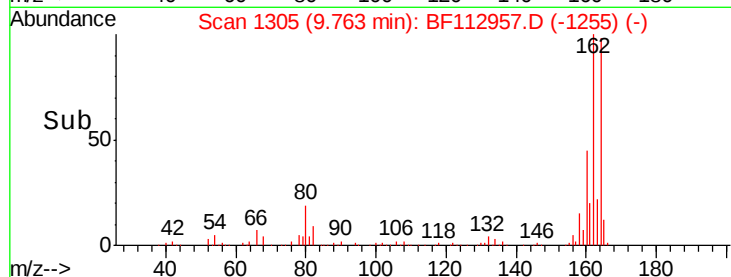
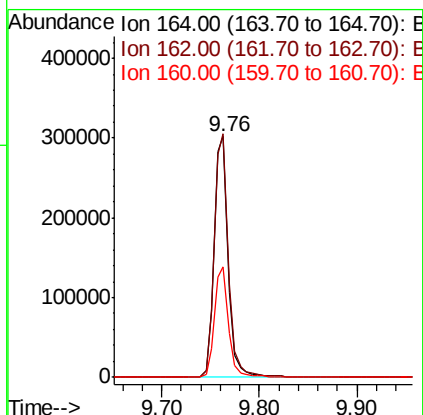
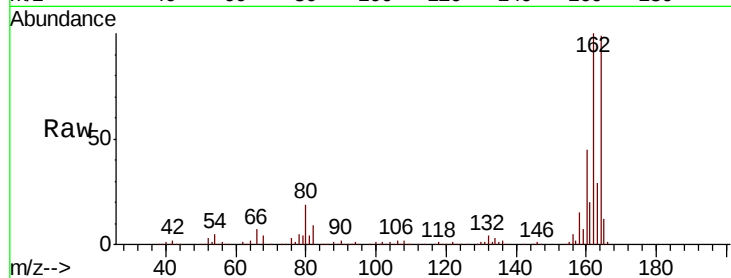




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1305
 Delta R.T. -0.01 min
 Lab File: BF112957.D
 Acq: 11 Mar 2019 16:25

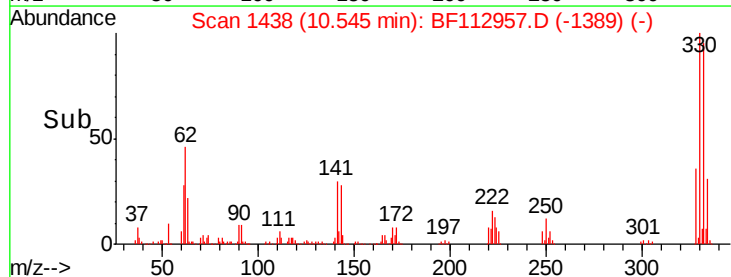
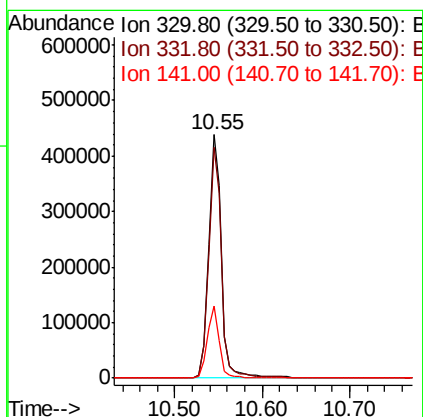
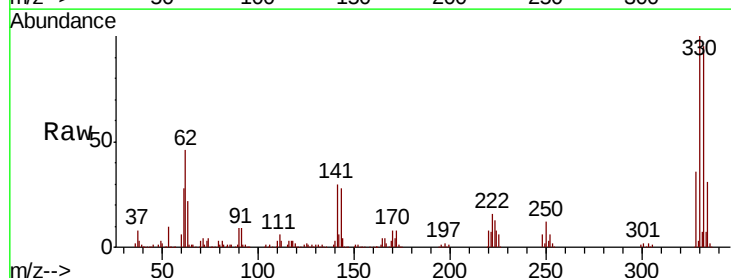
Instrument :
 BNA_F
 ClientSampleId :
 SD4-0.0-0.5

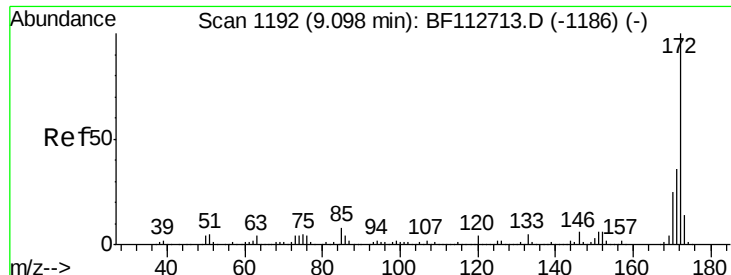
Tgt Ion:164 Resp: 299783
 Ion Ratio Lower Upper
 164 100
 162 101.2 80.6 120.8
 160 45.8 36.0 54.0



#42
 2,4,6-Tribromophenol
 Concen: 138.925 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF112957.D
 Acq: 11 Mar 2019 16:25

Tgt Ion:330 Resp: 442138
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.2 114.4
 141 28.5 27.0 40.6

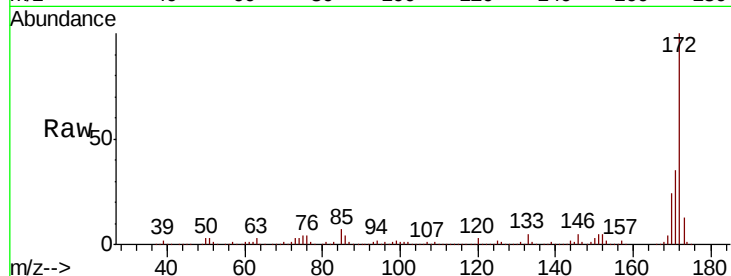




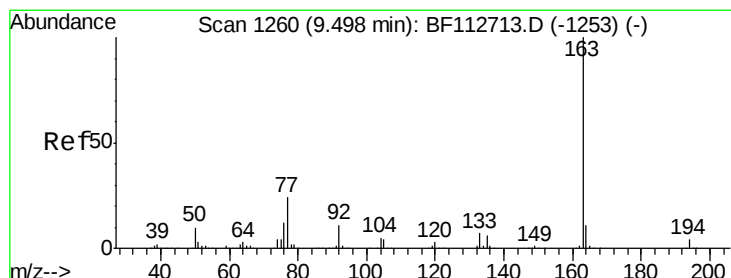
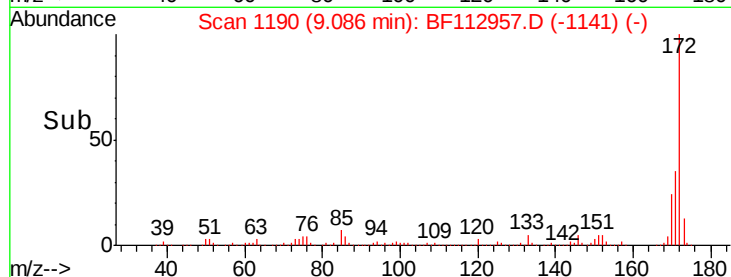
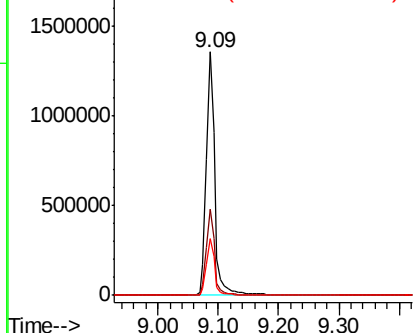
#45
2-Fluorobiphenyl
Concen: 70.666 ng
RT: 9.09 min Scan# 1190
Delta R.T. -0.01 min
Lab File: BF112957.D
Acq: 11 Mar 2019 16:25

Instrument :
BNA_F
ClientSampleId :
SD4-0.0-0.5

Tgt Ion:172 Resp: 1336755
Ion Ratio Lower Upper
172 100
171 35.3 29.0 43.4
170 23.5 20.0 30.0

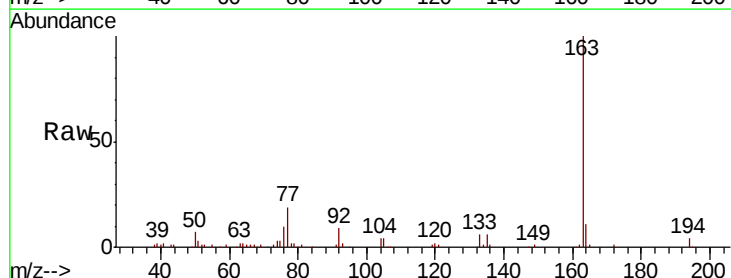


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

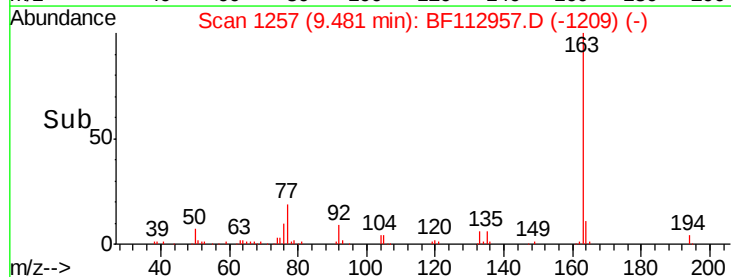
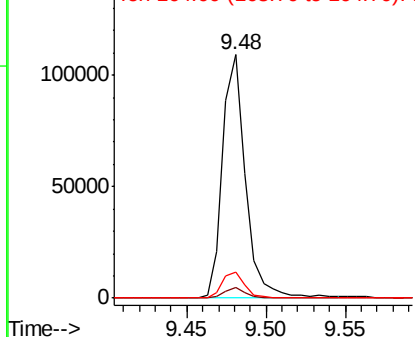


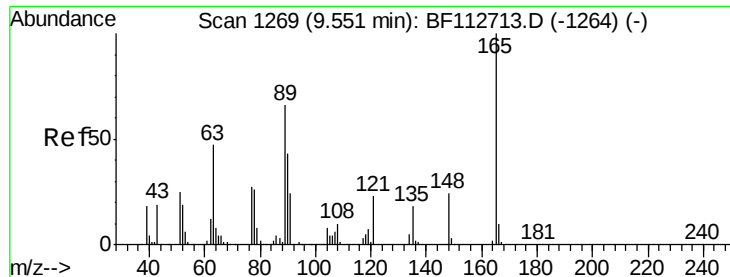
#50
Dimethylphthalate
Concen: 4.992 ng
RT: 9.48 min Scan# 1257
Delta R.T. -0.02 min
Lab File: BF112957.D
Acq: 11 Mar 2019 16:25

Tgt Ion:163 Resp: 110350
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.4
164 10.9 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

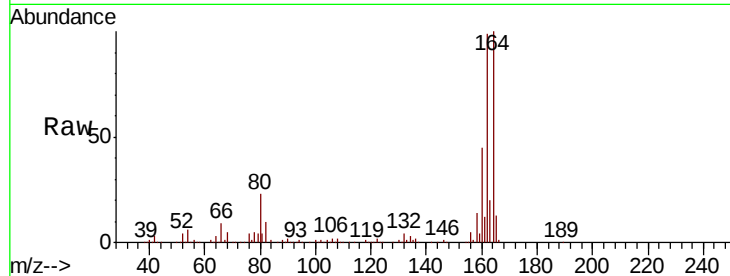




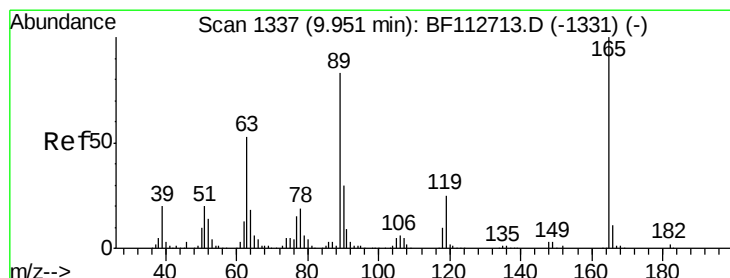
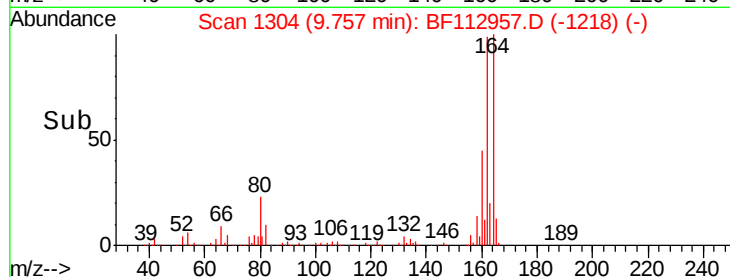
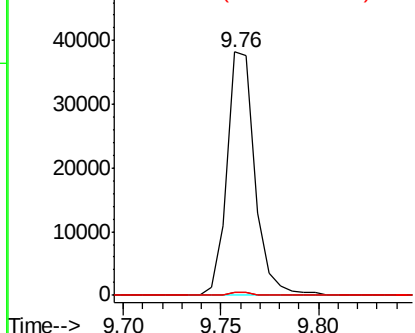
#51
 2,6-Dinitrotoluene
 Concen: 8.262 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.21 min
 Lab File: BF112957.D
 Acq: 11 Mar 2019 16:25

Instrument :
 BNA_F
 ClientSampleId :
 SD4-0.0-0.5

Tgt Ion:165 Resp: 38032
 Ion Ratio Lower Upper
 165 100
 63 1.4 54.1 81.1#
 89 1.1 52.8 79.2#

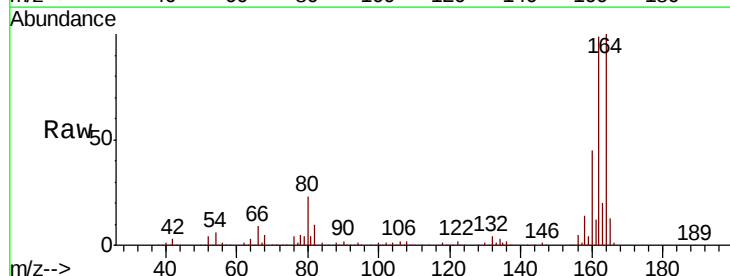


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

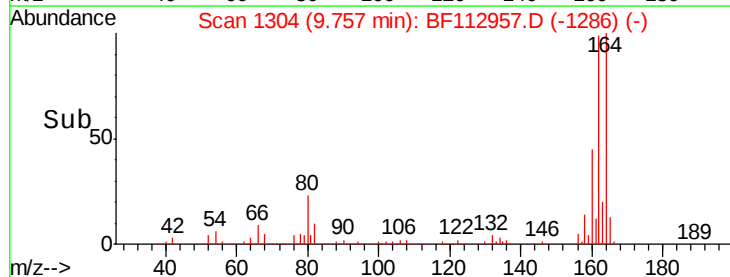
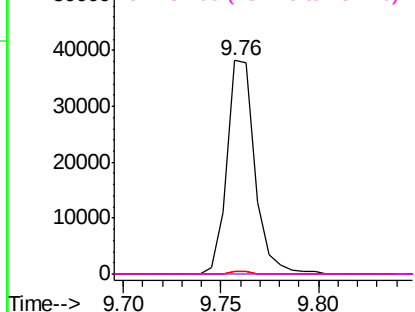


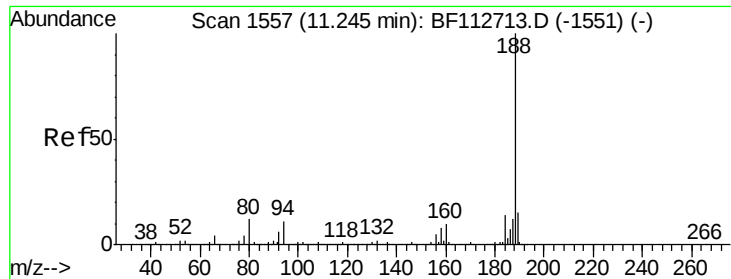
#57
 2,4-Dinitrotoluene
 Concen: 6.647 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.19 min
 Lab File: BF112957.D
 Acq: 11 Mar 2019 16:25

Tgt Ion:165 Resp: 38032
 Ion Ratio Lower Upper
 165 100
 63 1.4 42.2 63.2#
 89 1.1 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

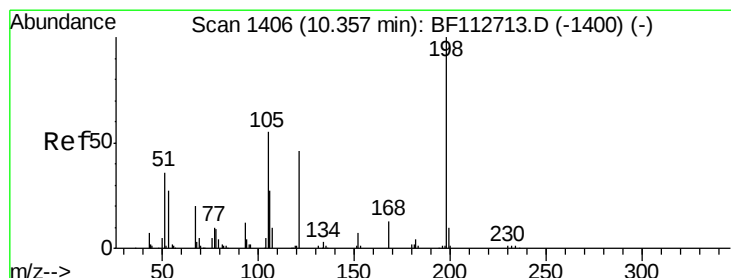
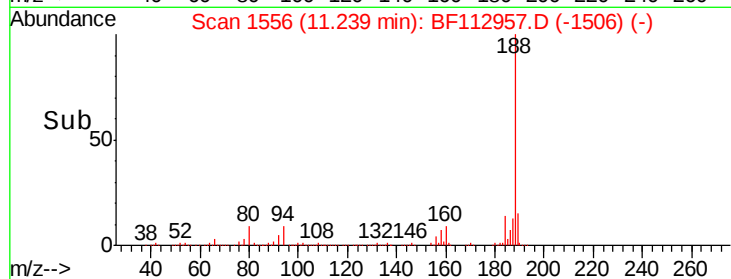
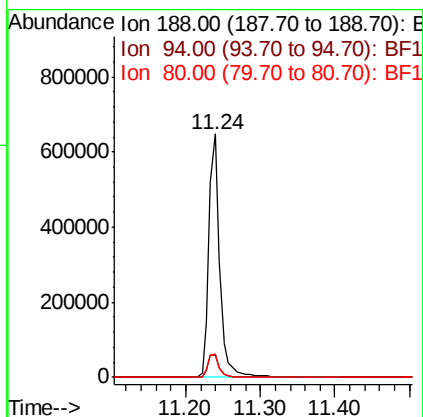
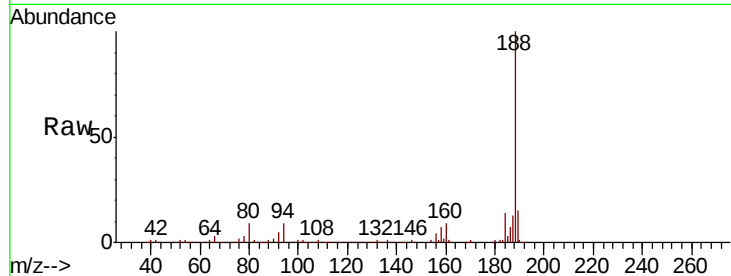




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF112957.D
Acq: 11 Mar 2019 16:25

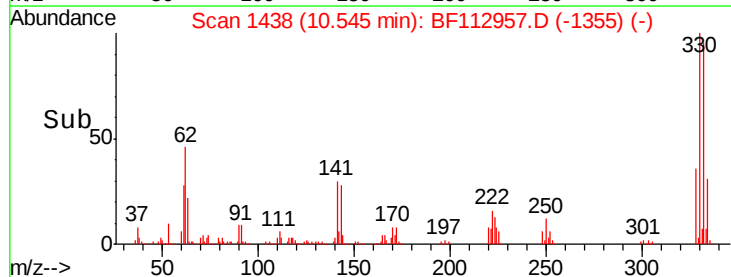
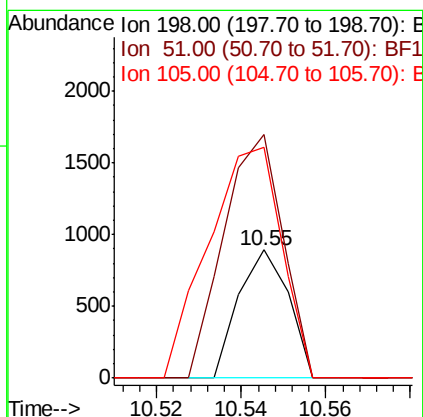
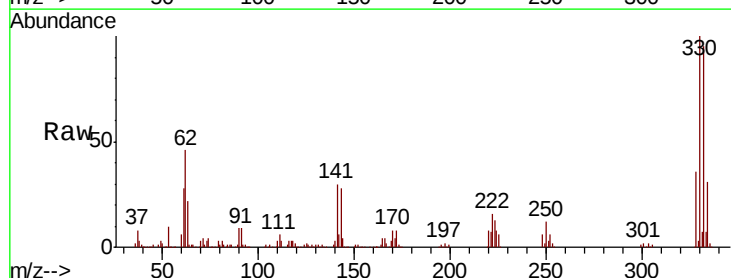
Instrument :
BNA_F
ClientSampleId :
SD4-0.0-0.5

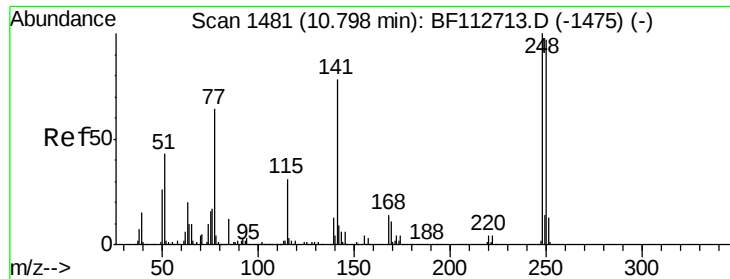
Tgt Ion:188 Resp: 658574
Ion Ratio Lower Upper
188 100
94 9.1 9.0 13.4
80 9.4 9.2 13.8



#65
4,6-Dinitro-2-methylphenol
Concen: 4.858 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.19 min
Lab File: BF112957.D
Acq: 11 Mar 2019 16:25

Tgt Ion:198 Resp: 734
Ion Ratio Lower Upper
198 100
51 190.2 43.8 83.8#
105 180.8 36.5 76.5#

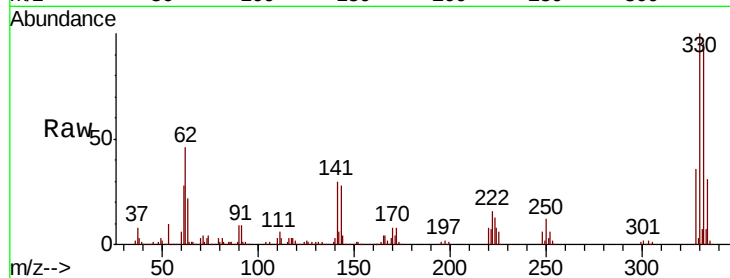




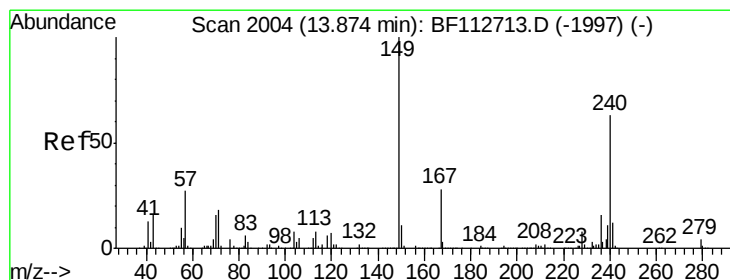
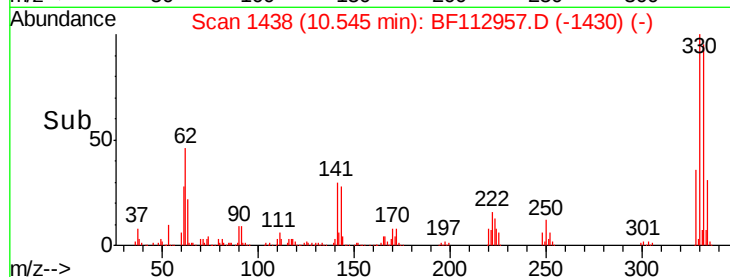
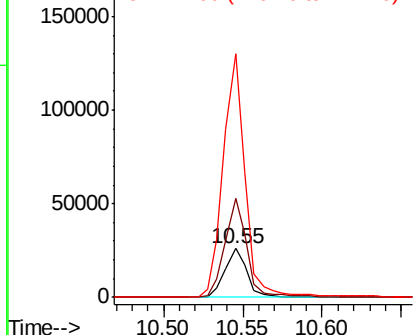
#67
 4-Bromophenyl-phenylether
 Concen: 3.647 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.25 min
 Lab File: BF112957.D
 Acq: 11 Mar 2019 16:25

Instrument :
 BNA_F
 ClientSampleId :
 SD4-0.0-0.5

Tgt Ion:248 Resp: 25297
 Ion Ratio Lower Upper
 248 100
 250 201.7 77.5 116.3#
 141 498.9 62.4 93.6#

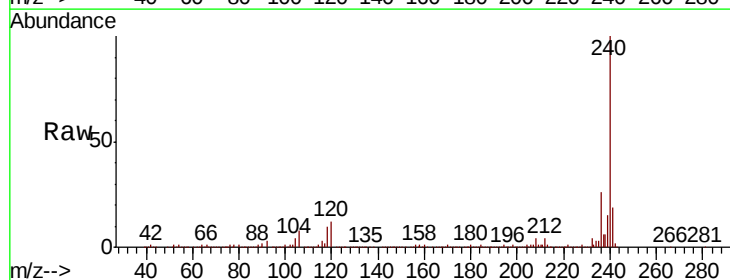


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

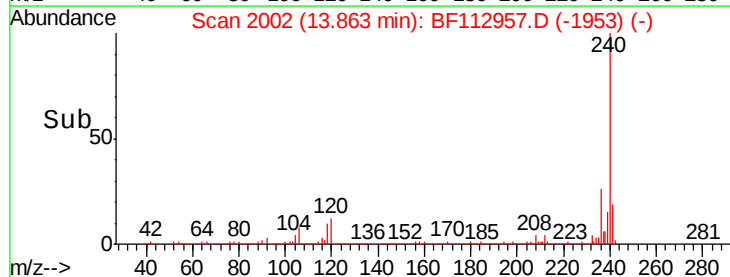
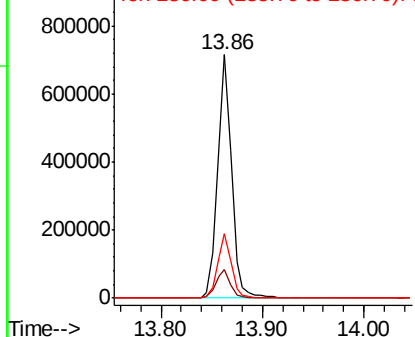


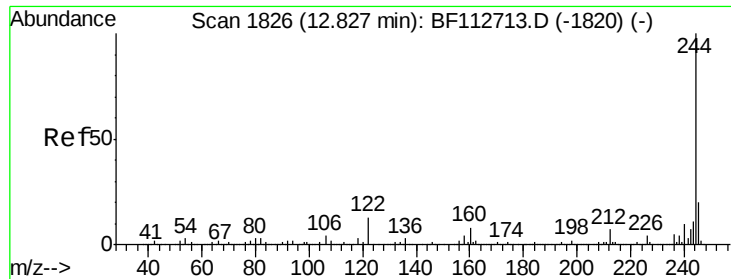
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF112957.D
 Acq: 11 Mar 2019 16:25

Tgt Ion:240 Resp: 686620
 Ion Ratio Lower Upper
 240 100
 120 11.6 8.9 13.3
 236 26.3 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: 44.381 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF112957.D

Acq: 11 Mar 2019 16:25

Instrument :

BNA_F

ClientSampleId :

SD4-0.0-0.5

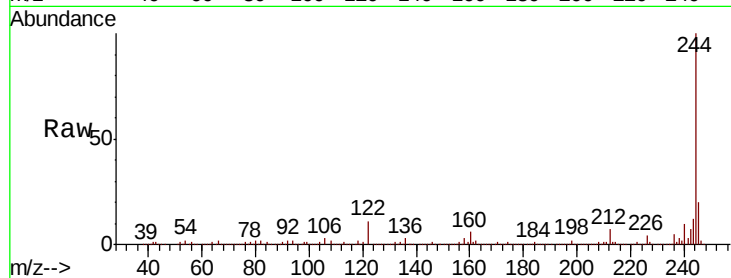
Tgt Ion:244 Resp: 1571993

Ion Ratio Lower Upper

244 100

212 6.5 5.6 8.4

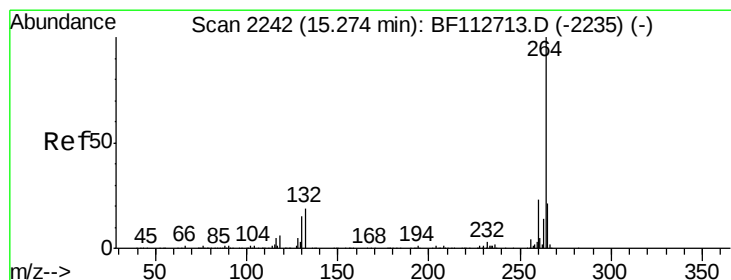
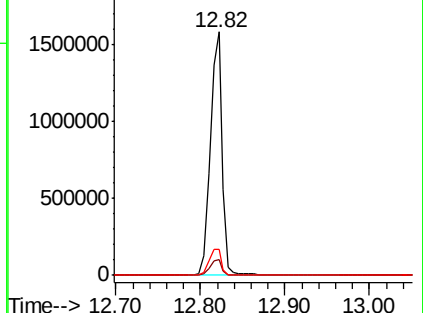
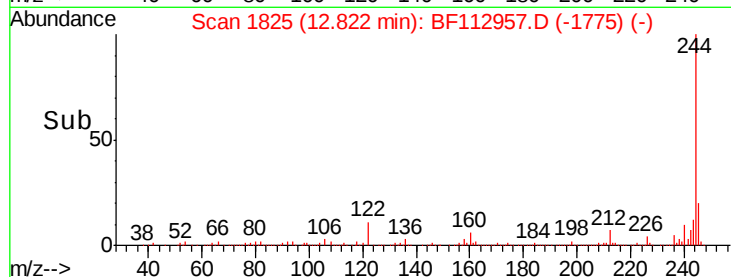
122 10.6 10.5 15.7



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: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF112957.D

Acq: 11 Mar 2019 16:25

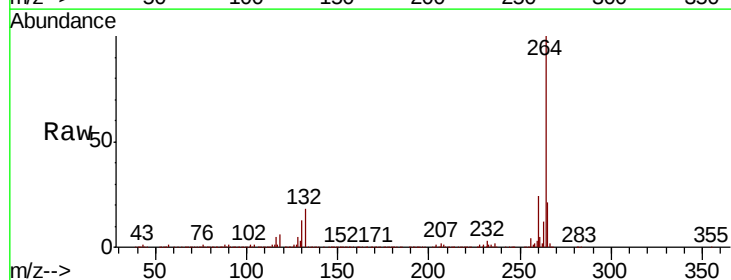
Tgt Ion:264 Resp: 670158

Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 20.8 17.2 25.8



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

