

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031419\
 Data File : BF113049.D
 Acq On : 14 Mar 2019 15:00
 Operator : JU/SJ
 Sample : K1866-13
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-MH-13-COMP

Quant Time: Mar 15 06:42:34 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

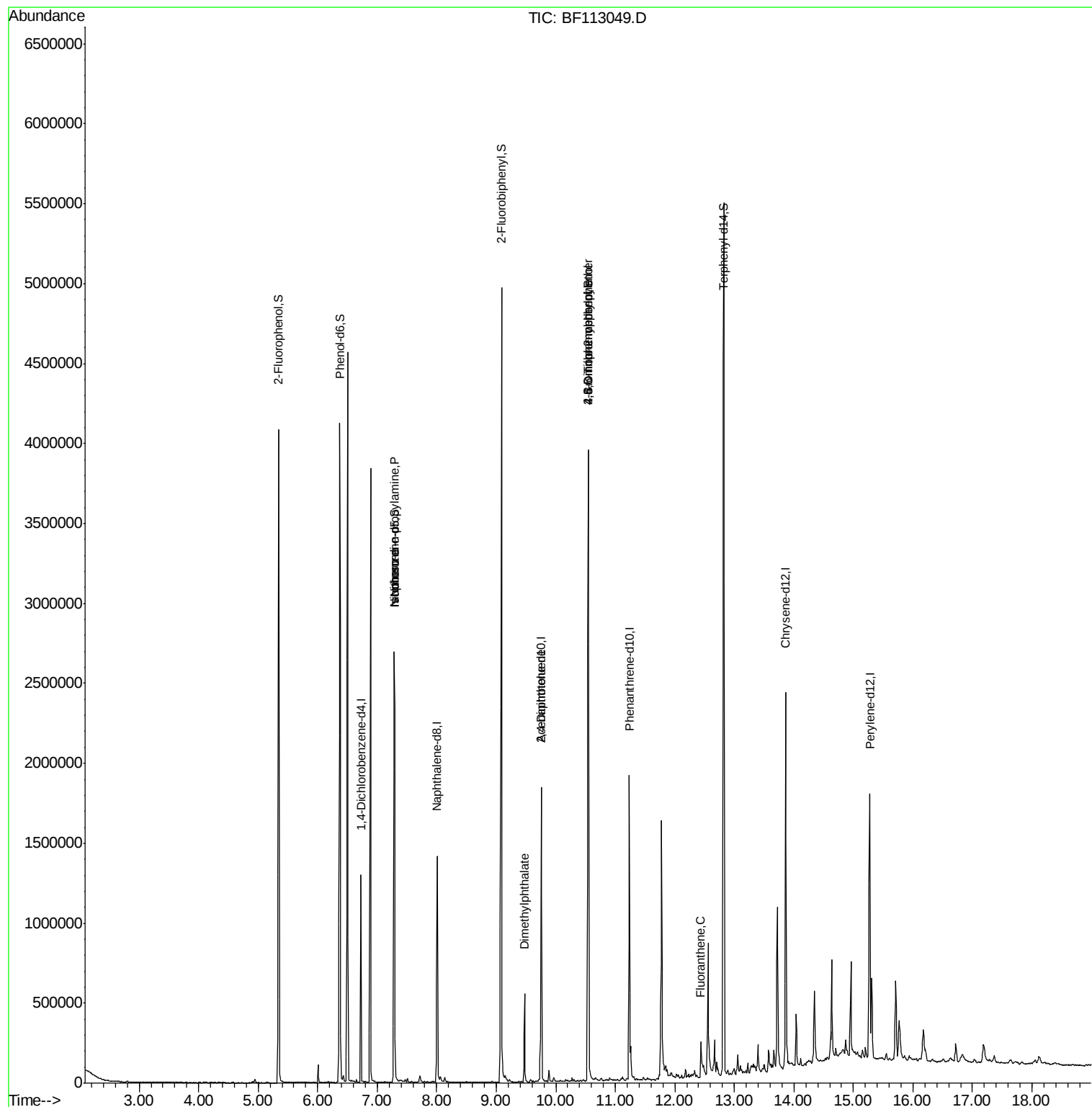
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	189197	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	783552	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	370537	20.00	ng	-0.01
64) Phenanthrene-d10	11.24	188	834293	20.00	ng	0.00
76) Chrysene-d12	13.86	240	797931	20.00	ng	0.00
87) Perylene-d12	15.27	264	826940	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1339425	110.13	ng	0.00
7) Phenol-d6	6.37	99	1774952	116.17	ng	0.00
23) Nitrobenzene-d5	7.29	82	1086277	82.96	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	620782	157.81	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1849501	81.91	ng	0.00
79) Terphenyl-d14	12.82	244	2194950	53.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	145351	15.021	ng	# 75
25) Isophorone	7.29	82	1060280	37.585	ng	# 66
50) Dimethylphthalate	9.47	163	217621	7.965	ng	# 99
57) 2,4-Dinitrotoluene	9.76	165	48326	6.833	ng	# 17
65) 4,6-Dinitro-2-methylphenol	10.55	198	1228	4.937	ng	# 1
67) 4-Bromophenyl-phenylether	10.55	248	35866	4.081	ng	# 1
75) Fluoranthene	12.44	202	90910	2.044	ng	97

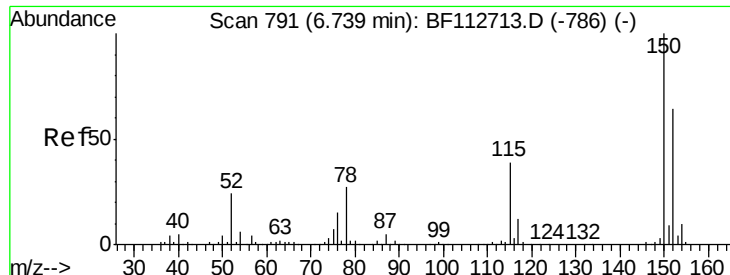
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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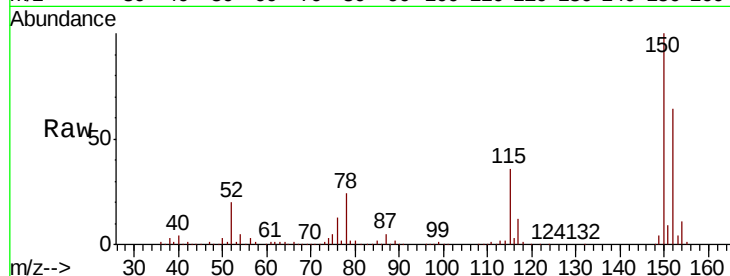


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF113049.D
Acq: 14 Mar 2019 15:00

Instrument :
BNA_F
ClientSampleId :
MR-MH-13-COMP

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	124.2	186.2
115	56.7	48.2	72.4

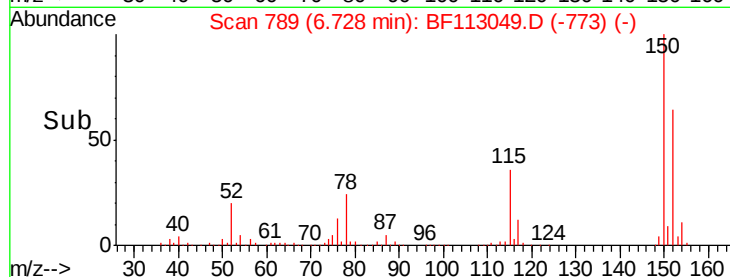
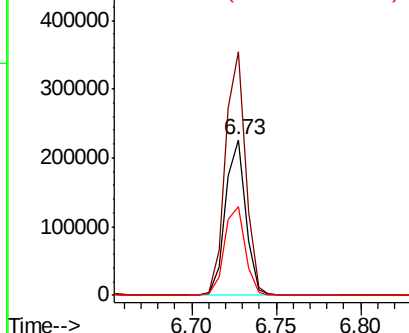


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

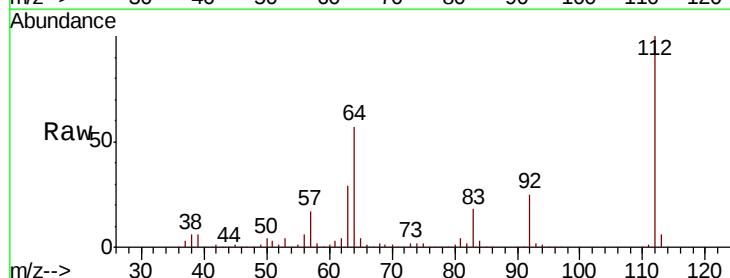
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 110.125 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.01 min
Lab File: BF113049.D
Acq: 14 Mar 2019 15:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.9	47.6	71.4
63	29.2	24.4	36.6

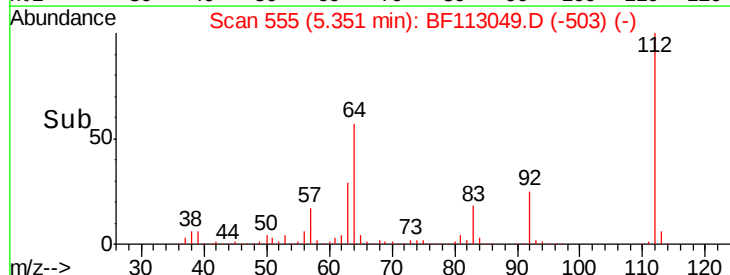
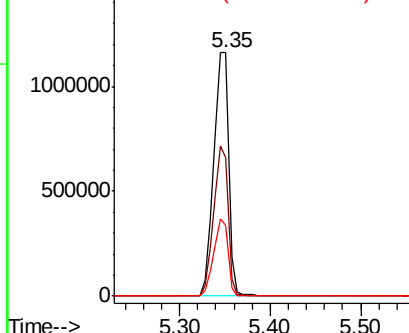


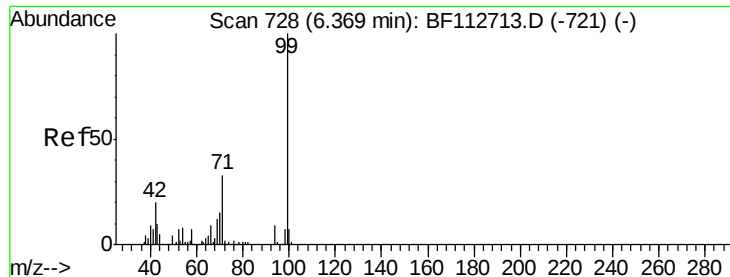
Abundance

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: 116.174 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF113049.D

Acq: 14 Mar 2019 15:00

Instrument :

BNA_F

ClientSampleId :

MR-MH-13-COMP

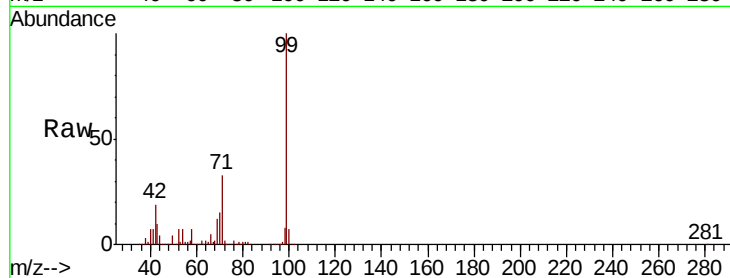
Tot Ion: 99 Resp: 1774952

Ion Ratio Lower Upper

99 100

42 19.0 16.3 24.5

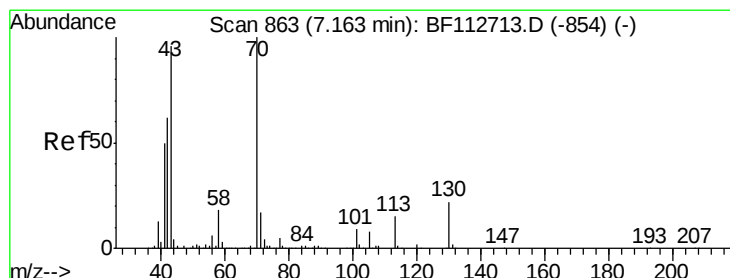
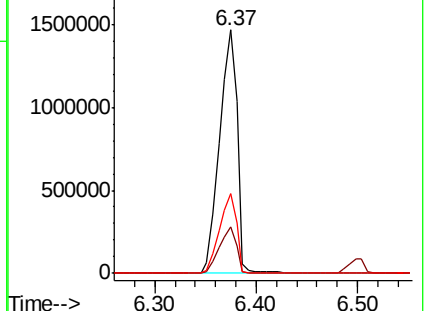
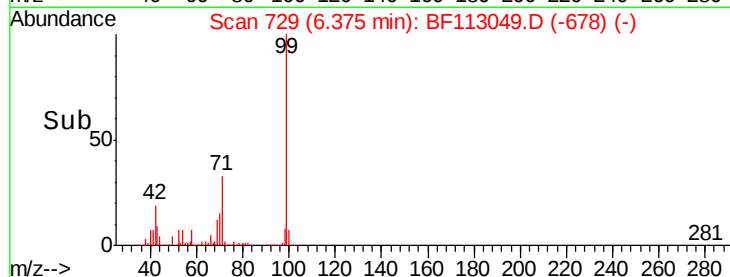
71 32.9 26.2 39.4



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.021 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.13 min

Lab File: BF113049.D

Acq: 14 Mar 2019 15:00

Tgt Ion: 70 Resp: 145351

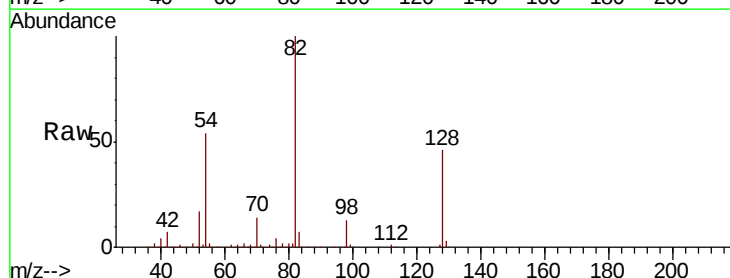
Ion Ratio Lower Upper

70 100

42 47.8 49.9 74.9#

101 0.0 7.4 11.2#

130 2.3 17.4 26.2#

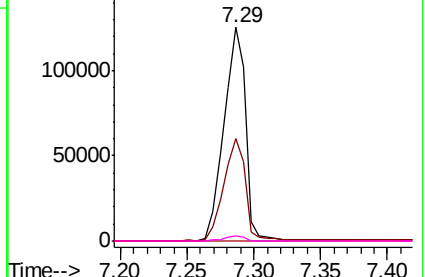
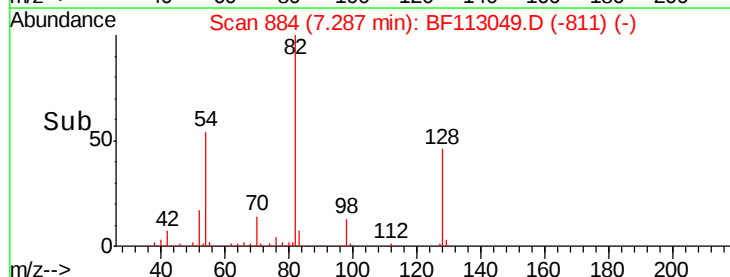


Abundance Ion 70.00 (69.70 to 70.70): BF1

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: BF113049.D

Acq: 14 Mar 2019 15:00

Instrument :

BNA_F

ClientSampleId :

MR-MH-13-COMP

Tot Ion:136 Resp: 783552

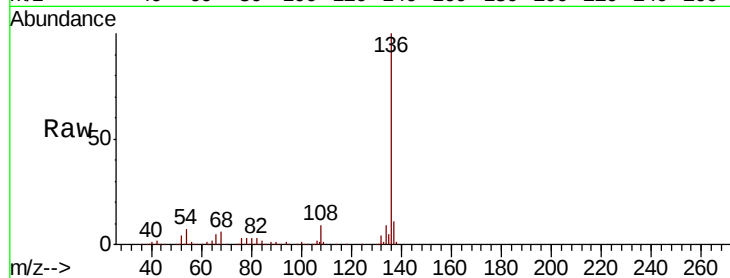
Ion Ratio Lower Upper

136 100

137 10.6 8.9 13.3

54 7.2 7.3 10.9#

68 5.6 5.4 8.2

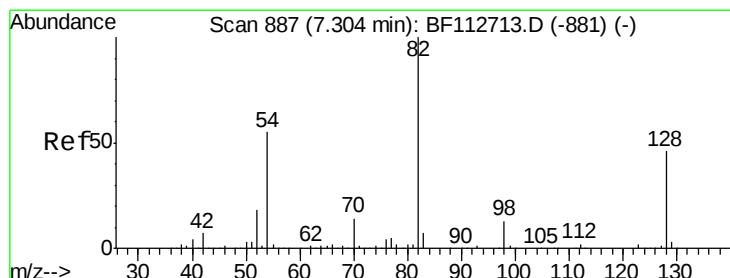
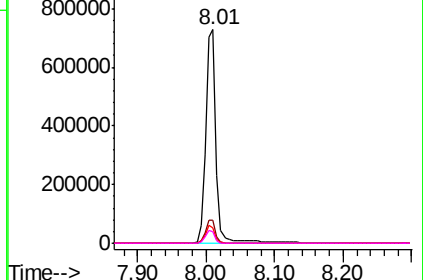
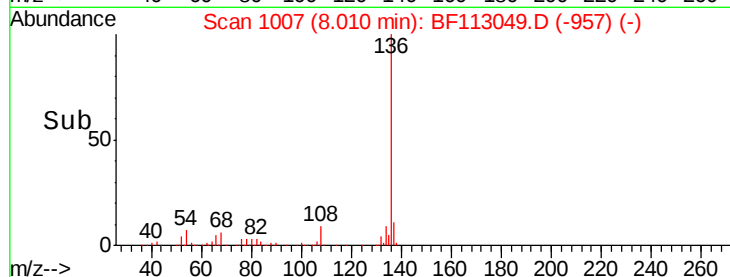


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 82.956 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF113049.D

Acq: 14 Mar 2019 15:00

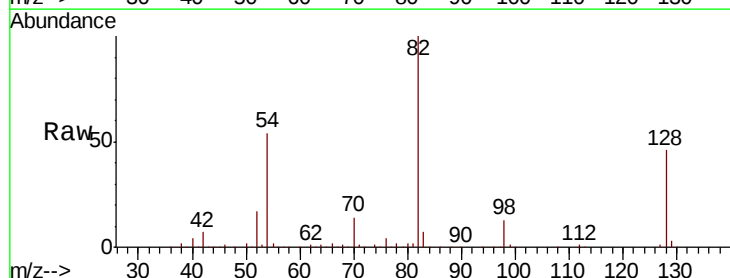
Tgt Ion: 82 Resp: 1086277

Ion Ratio Lower Upper

82 100

128 46.5 36.3 54.5

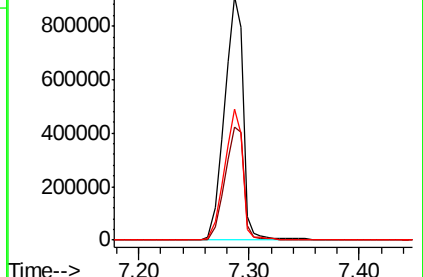
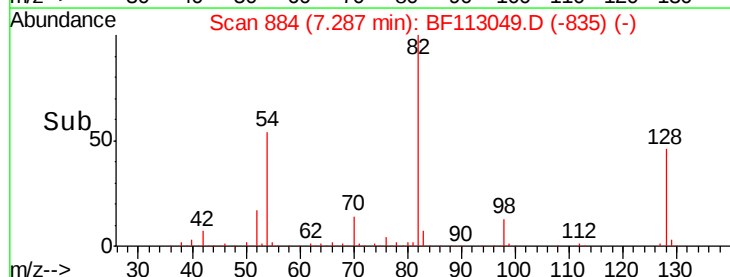
54 53.6 43.7 65.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.585 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.27 min

Lab File: BF113049.D

Acq: 14 Mar 2019 15:00

Instrument :

BNA_F

ClientSampleId :

MR-MH-13-COMP

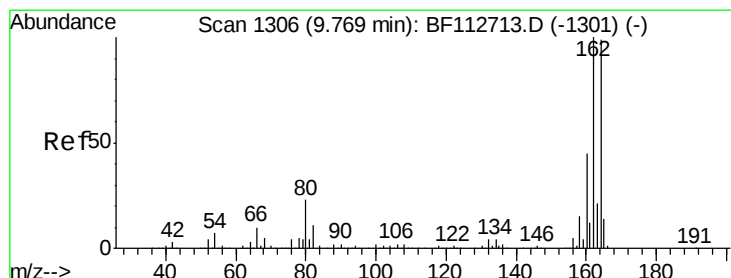
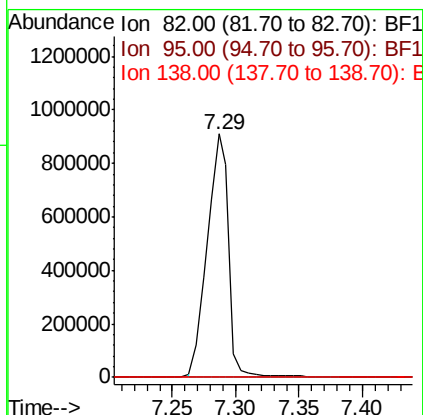
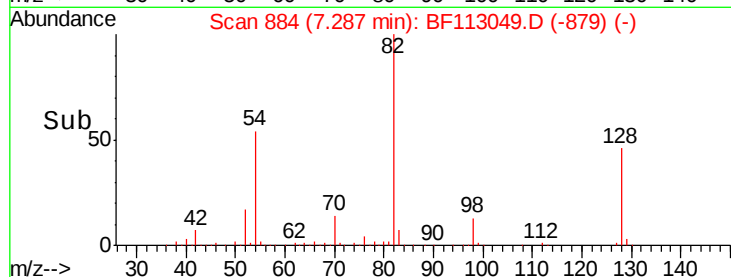
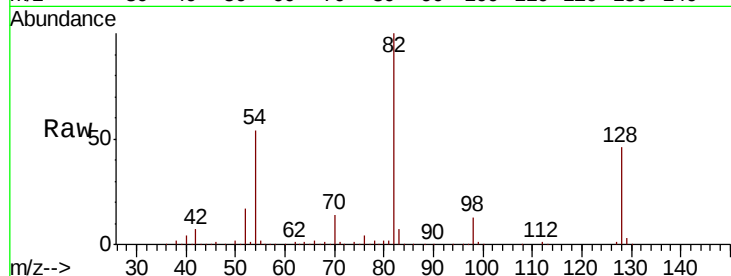
Tot Ion: 82 Resp: 1060280

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 13.8 20.8#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF113049.D

Acq: 14 Mar 2019 15:00

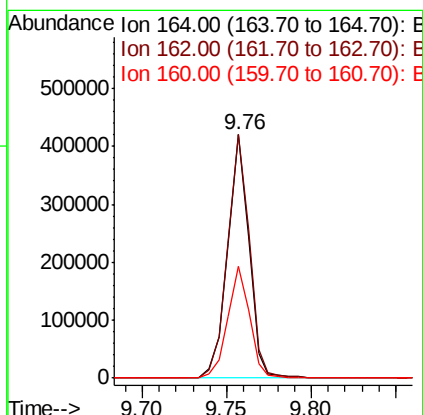
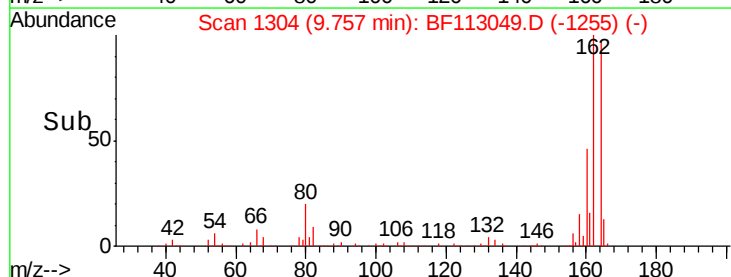
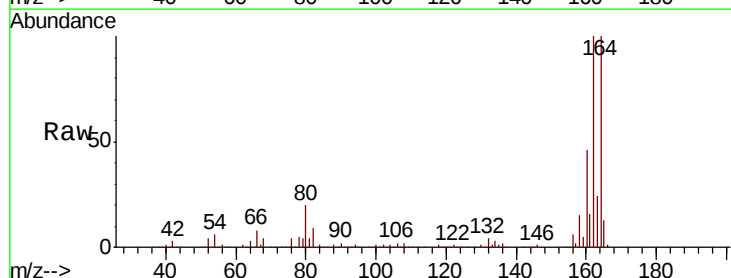
Tgt Ion:164 Resp: 370537

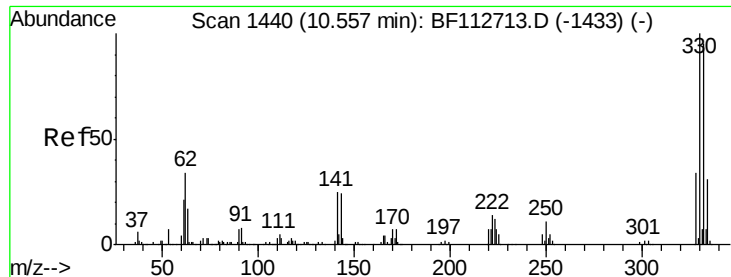
Ion Ratio Lower Upper

164 100

162 100.1 80.6 120.8

160 45.8 36.0 54.0

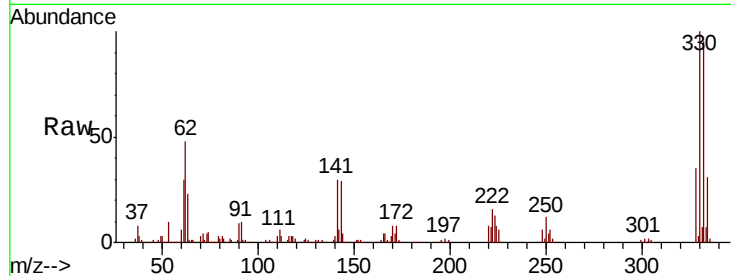




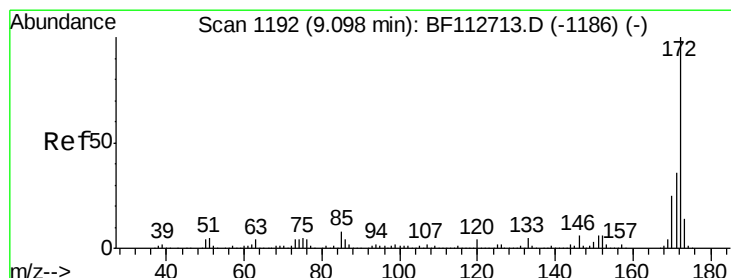
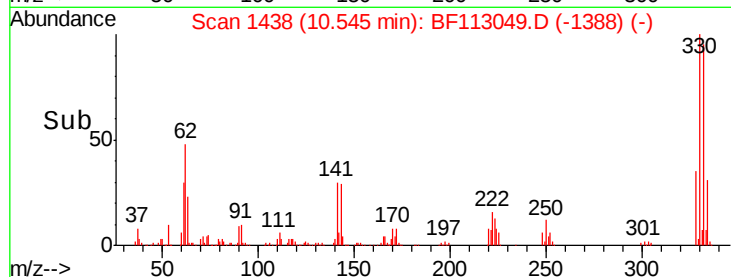
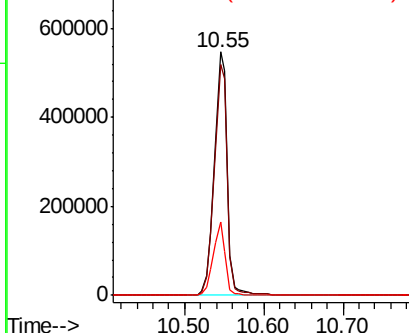
#42
 2,4,6-Tribromophenol
 Concen: 157.811 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113049.D
 Acq: 14 Mar 2019 15:00

Instrument :
 BNA_F
 ClientSampleId :
 MR-MH-13-COMP

Tot Ion:330 Resp: 620782
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.2 114.4
 141 28.3 27.0 40.6

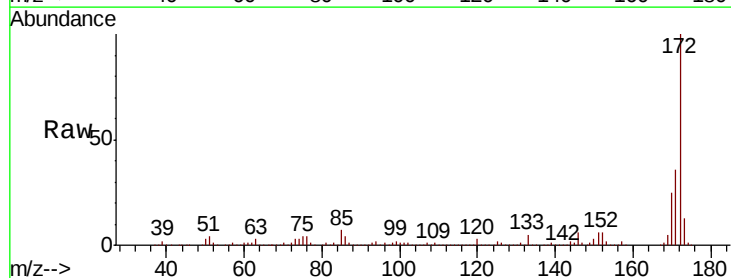


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

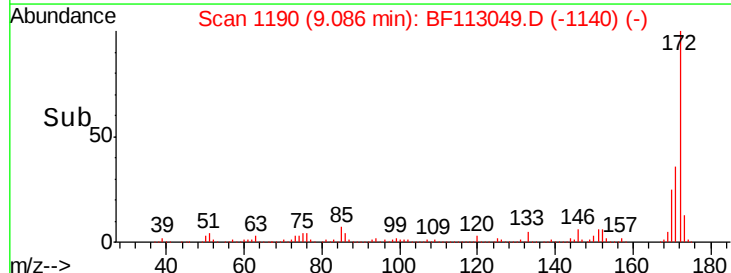
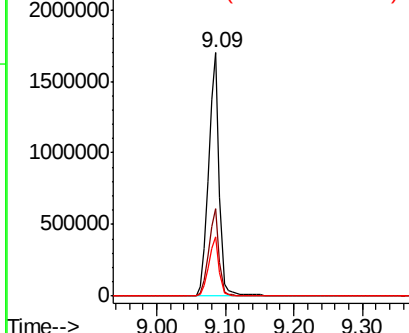


#45
 2-Fluorobiphenyl
 Concen: 81.907 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF113049.D
 Acq: 14 Mar 2019 15:00

Tgt Ion:172 Resp: 1849501
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.0 43.4
 170 24.6 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

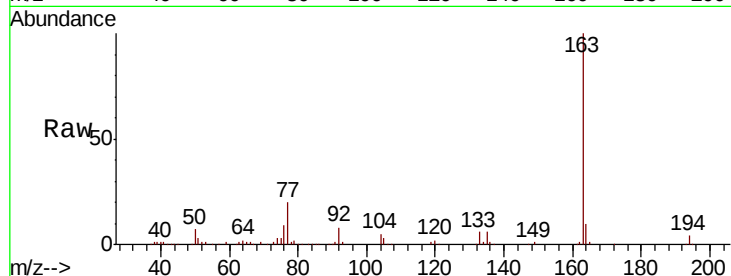




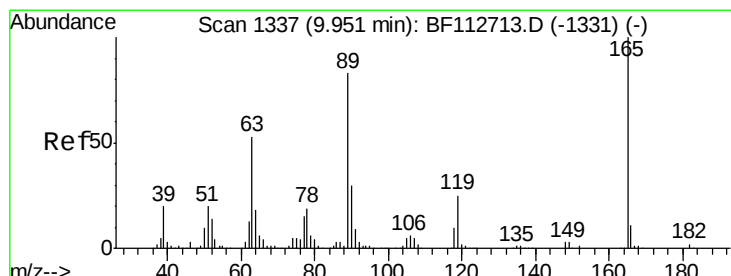
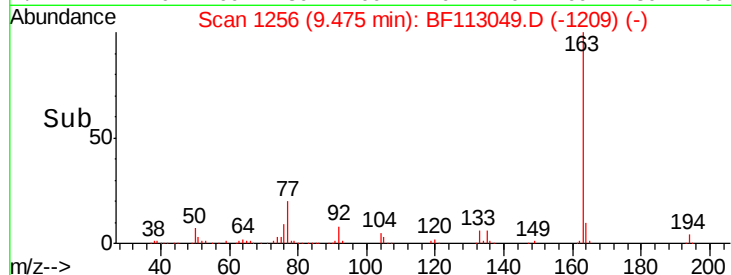
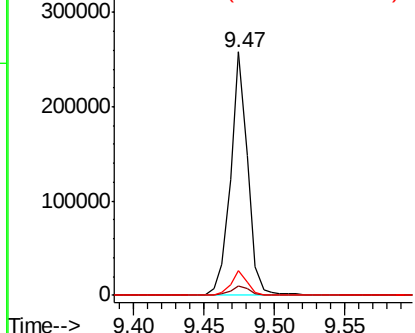
#50
Dimethylphthalate
Concen: 7.965 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.02 min
Lab File: BF113049.D
Acq: 14 Mar 2019 15:00

Instrument :
BNA_F
ClientSampleId :
MR-MH-13-COMP

Tot Ion:163 Resp: 217621
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.1 8.4 12.6

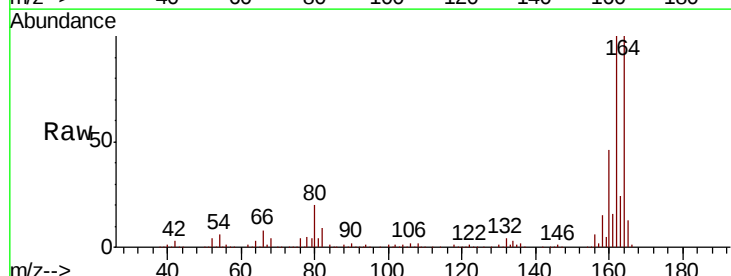


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

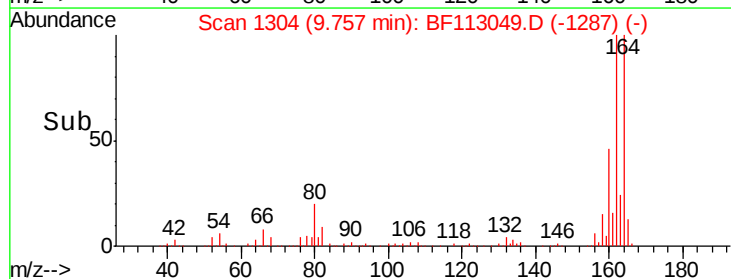
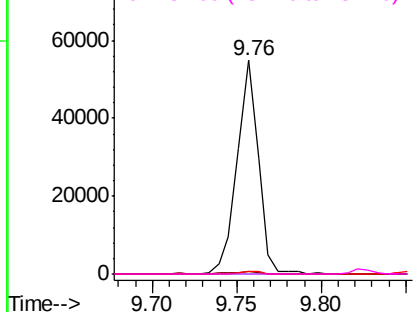


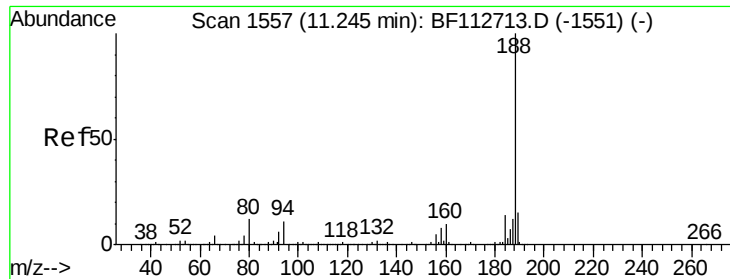
#57
2,4-Dinitrotoluene
Concen: 6.833 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.20 min
Lab File: BF113049.D
Acq: 14 Mar 2019 15:00

Tgt Ion:165 Resp: 48326
Ion Ratio Lower Upper
165 100
63 1.1 42.2 63.2#
89 1.2 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

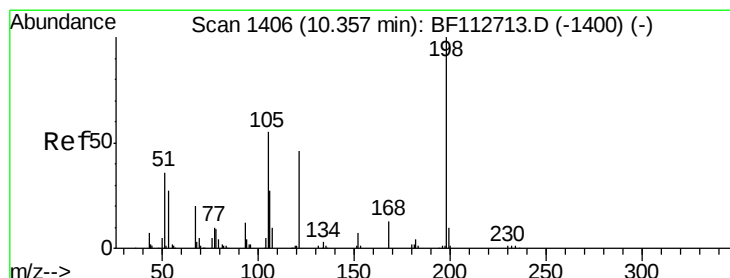
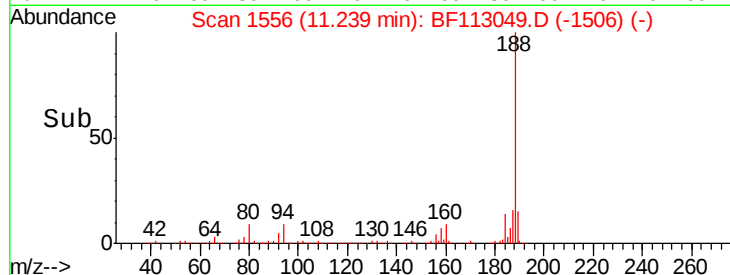
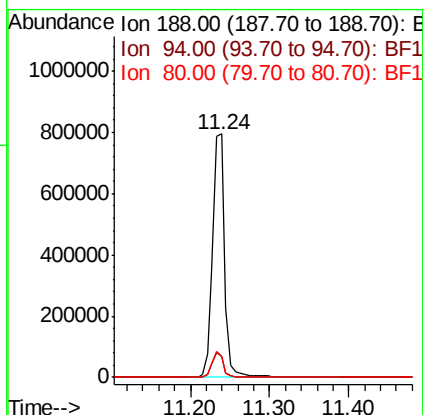
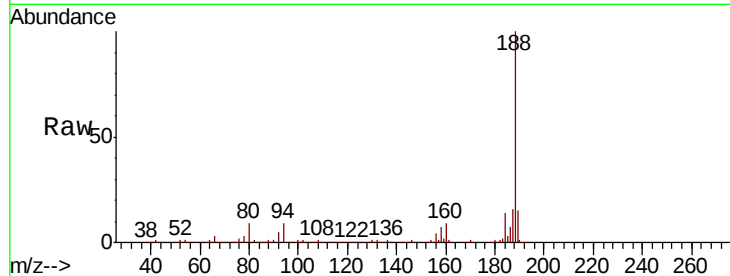




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.24 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF113049.D
Acq: 14 Mar 2019 15:00

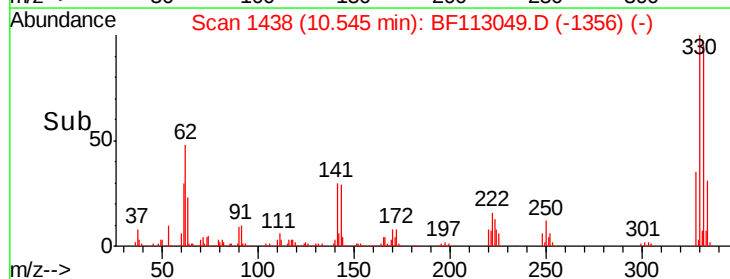
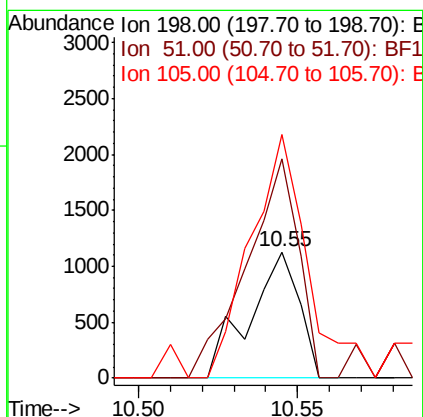
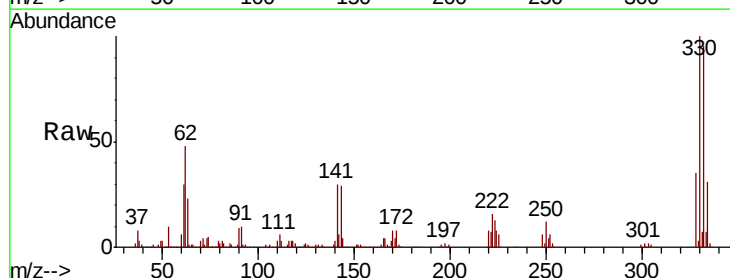
Instrument :
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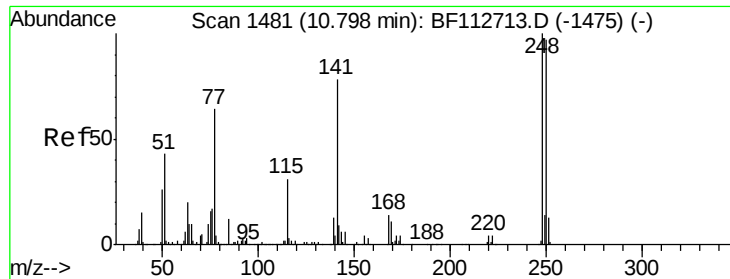
Tot Ion:188 Resp: 834293
Ion Ratio Lower Upper
188 100
94 8.7 9.0 13.4#
80 8.8 9.2 13.8#



#65
4,6-Dinitro-2-methylphenol
Concen: 4.937 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.18 min
Lab File: BF113049.D
Acq: 14 Mar 2019 15:00

Tgt Ion:198 Resp: 1228
Ion Ratio Lower Upper
198 100
51 173.1 43.8 83.8#
105 192.7 36.5 76.5#

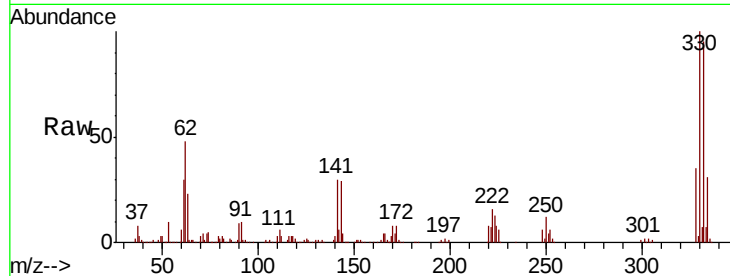




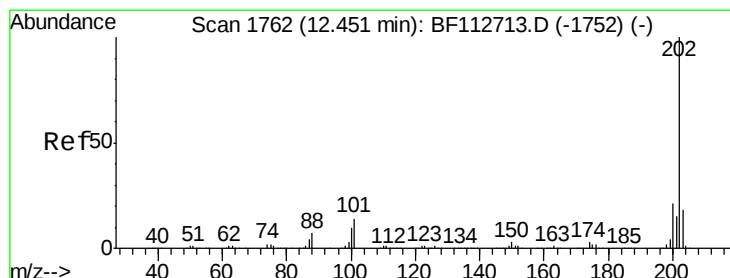
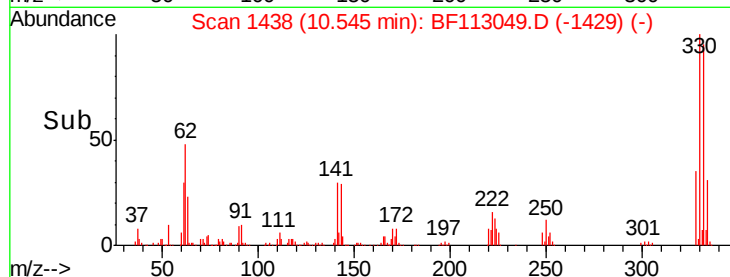
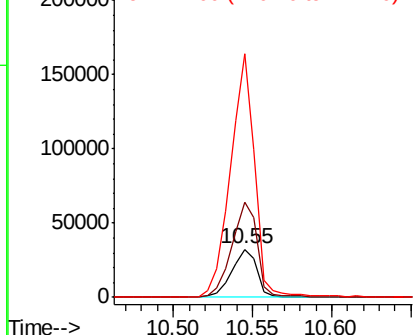
#67
4-Bromophenyl-phenylether
Concen: 4.081 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.25 min
Lab File: BF113049.D
Acq: 14 Mar 2019 15:00

Instrument :
BNA_F
ClientSampleId :
MR-MH-13-COMP

Tot Ion:248 Resp: 35866
Ion Ratio Lower Upper
248 100
250 199.6 77.5 116.3#
141 509.6 62.4 93.6#

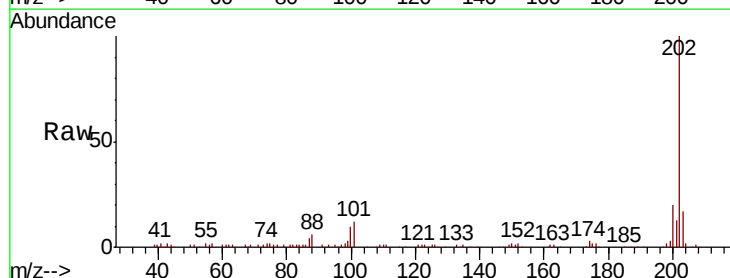


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

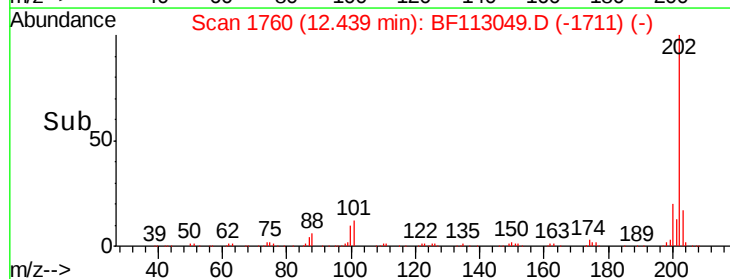
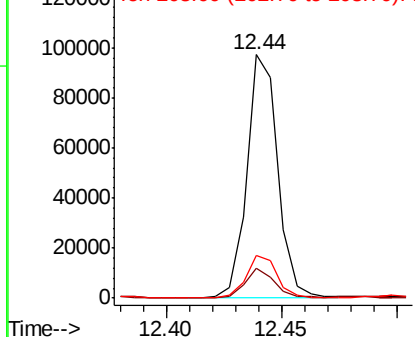


#75
Fluoranthene
Concen: 2.044 ng
RT: 12.44 min Scan# 1760
Delta R.T. -0.01 min
Lab File: BF113049.D
Acq: 14 Mar 2019 15:00

Tgt Ion:202 Resp: 90910
Ion Ratio Lower Upper
202 100
101 12.1 0.0 33.8
203 17.4 0.0 38.4



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

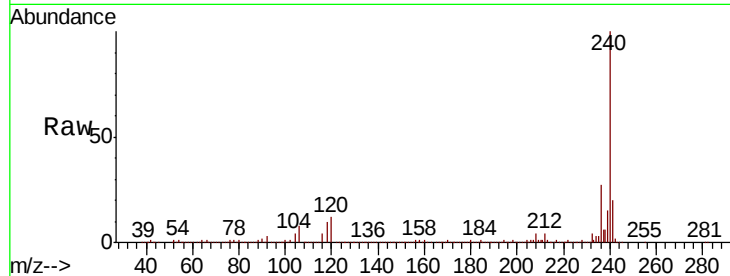




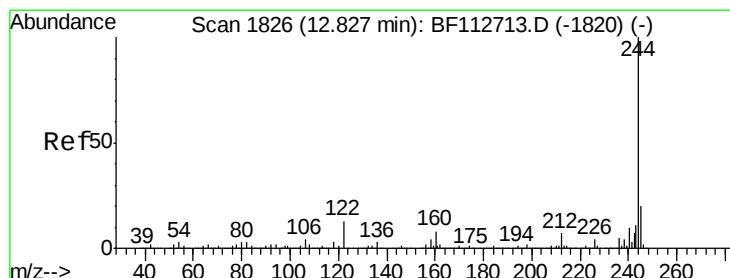
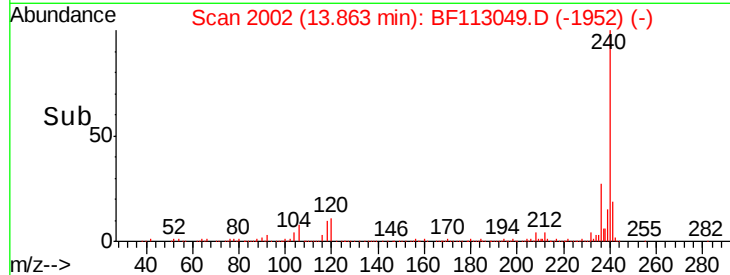
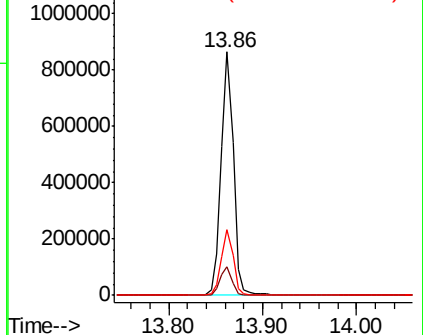
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF113049.D
 Acq: 14 Mar 2019 15:00

Instrument :
 BNA_F
 ClientSampleId :
 MR-MH-13-COMP

Tot Ion:240 Resp: 797931
 Ion Ratio Lower Upper
 240 100
 120 11.5 8.9 13.3
 236 27.1 20.7 31.1

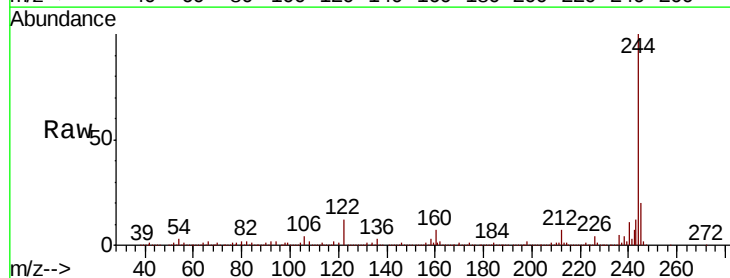


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

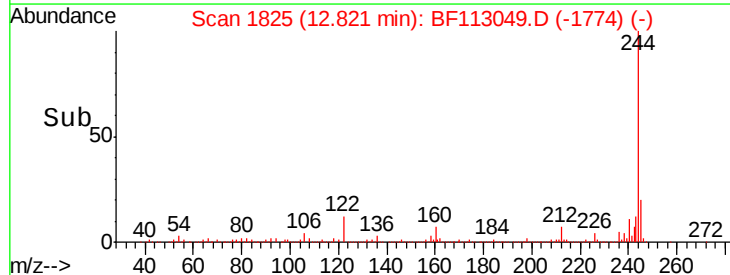
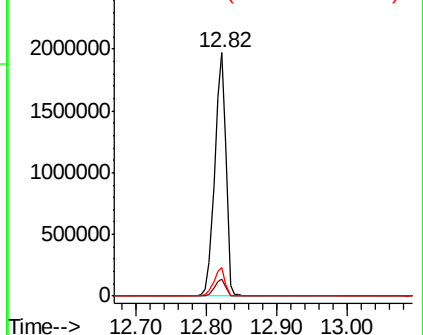


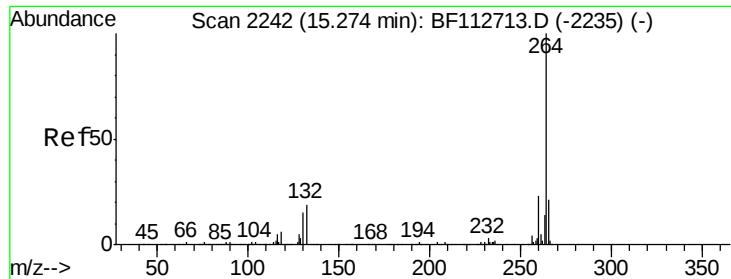
#79
 Terphenyl-d14
 Concen: 53.324 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF113049.D
 Acq: 14 Mar 2019 15:00

Tgt Ion:244 Resp: 2194950
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.9 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
Pervlene-d12
Concen: 20.000 ng
RT: 15.27 min Scan# 2242
Delta R.T. -0.00 min
Lab File: BF113049.D
Acq: 14 Mar 2019 15:00

Instrument :
BNA_F
ClientSampleId :
MR-MH-13-COMP

Tot Ion: 264 Resp: 826940

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.3	17.2	25.8

