

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
 Data File : BF112452.D
 Acq On : 7 Feb 2019 21:38
 Operator : JU/SJ
 Sample : K1390-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUPE-X

Quant Time: Feb 09 03:15:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

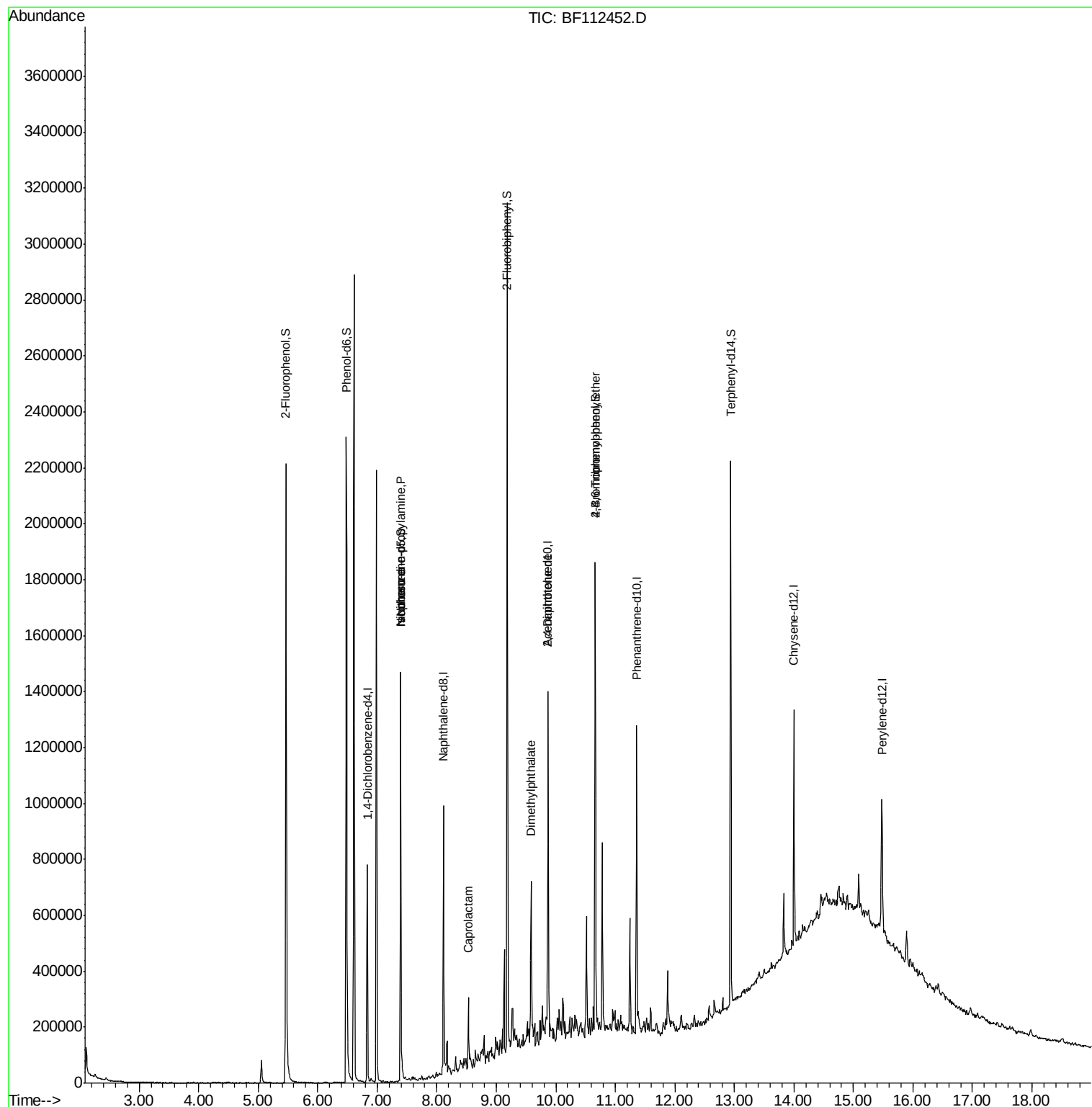
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	129130	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	495918	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	227440	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	378709	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	287792	20.00	ng	0.00
87) Perylene-d12	15.48	264	243688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	665539	109.47	ng	-0.01
7) Phenol-d6	6.48	99	841170	99.57	ng	-0.01
23) Nitrobenzene-d5	7.39	82	512888	59.59	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	211030	79.71	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	905464	56.31	ng	-0.02
79) Terphenyl-d14	12.94	244	669101	43.79	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	69296	11.896	ng	# 79
25) Isophorone	7.39	82	512881	37.985	ng	# 63
35) Caprolactam	8.53	113	7110	2.846	ng	# 62
50) Dimethylphthalate	9.58	163	64226	3.635	ng	# 97
57) 2,4-Dinitrotoluene	9.87	165	29969	5.948	ng	# 33
67) 4-Bromophenyl-phenylether	10.66	248	12342	2.771	ng	# 1

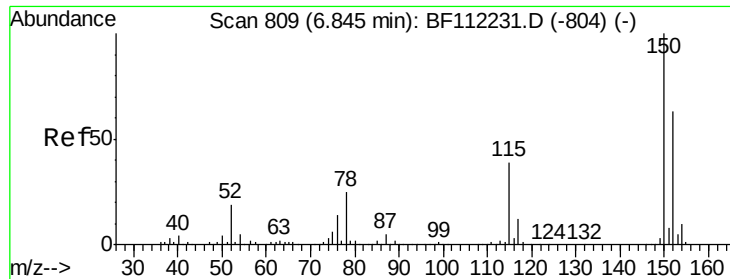
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 28 10:38:18 2019
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF112452.D

Acq: 7 Feb 2019 21:38

Instrument :

BNA_F

ClientSampleId :

DUPE-X

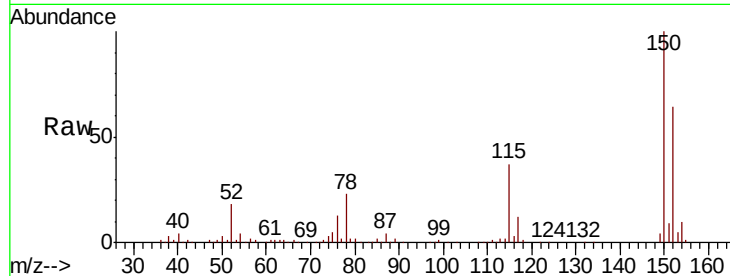
Tot Ion:152 Resp: 129130

Ion Ratio Lower Upper

152 100

150 155.1 127.4 191.0

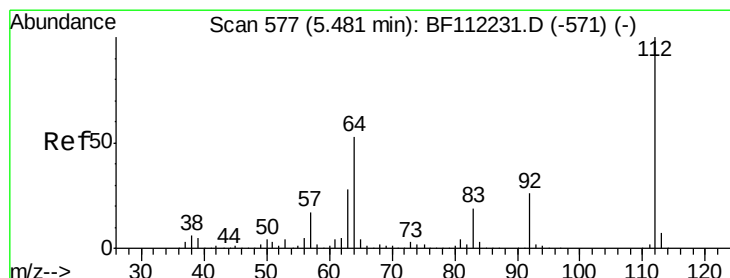
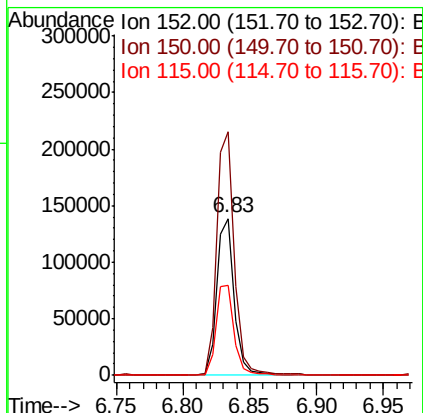
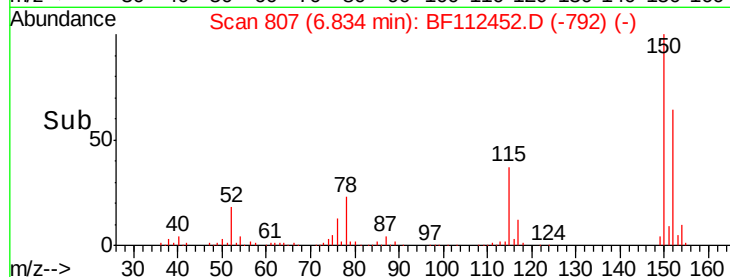
115 57.0 45.5 68.3



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: 109.475 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112452.D

Acq: 7 Feb 2019 21:38

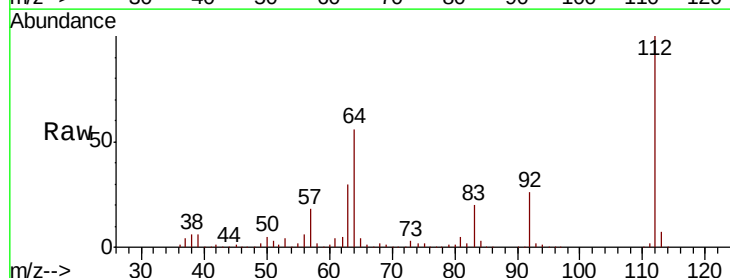
Tgt Ion:112 Resp: 665539

Ion Ratio Lower Upper

112 100

64 56.0 45.7 68.5

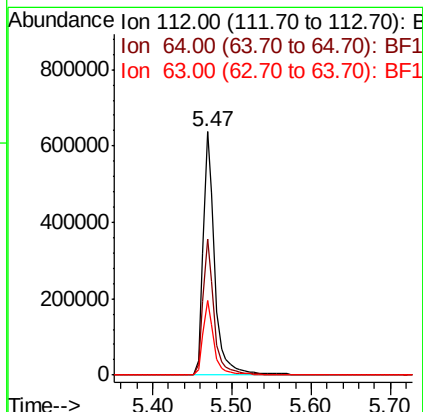
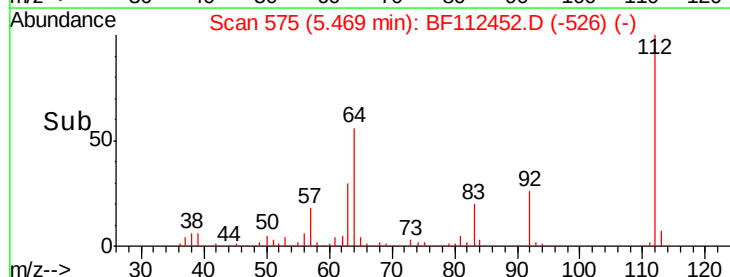
63 30.5 23.6 35.4

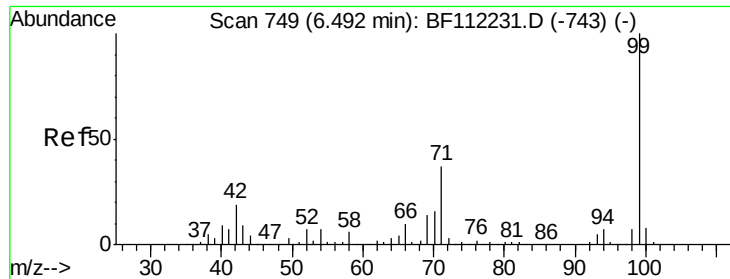


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 99.575 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112452.D

Acq: 7 Feb 2019 21:38

Instrument :

BNA_F

ClientSampled :

DUPE-X

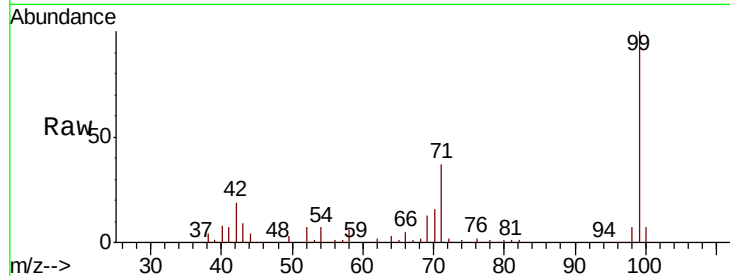
Tot Ion: 99 Resp: 841170

Ion Ratio Lower Upper

99 100

42 19.3 15.1 22.7

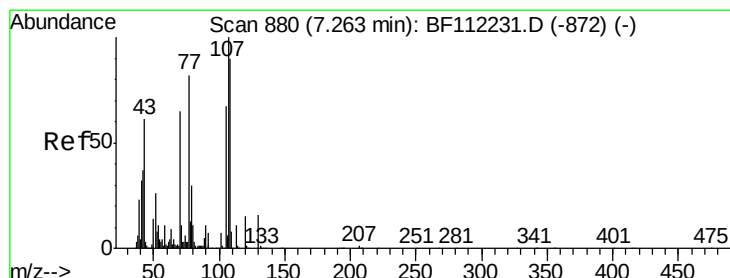
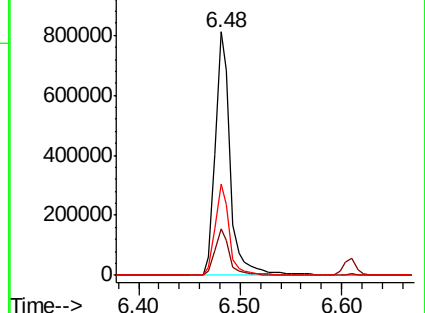
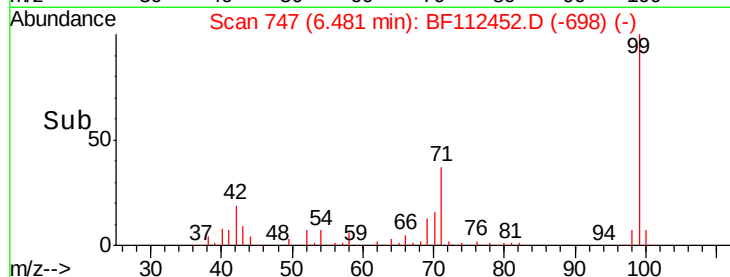
71 37.3 26.9 40.3



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: 11.896 ng

RT: 7.39 min Scan# 902

Delta R.T. 0.13 min

Lab File: BF112452.D

Acq: 7 Feb 2019 21:38

Tgt Ion: 70 Resp: 69296

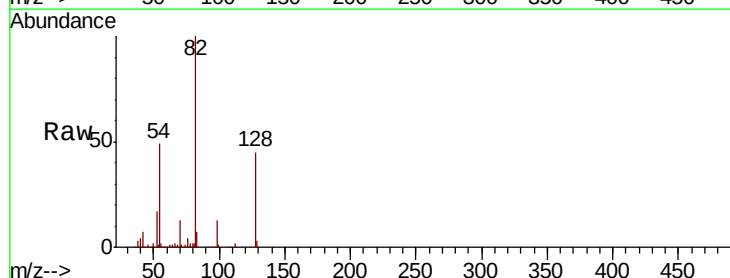
Ion Ratio Lower Upper

70 100

42 51.3 47.6 71.4

101 0.0 7.9 11.9#

130 2.3 18.4 27.6#

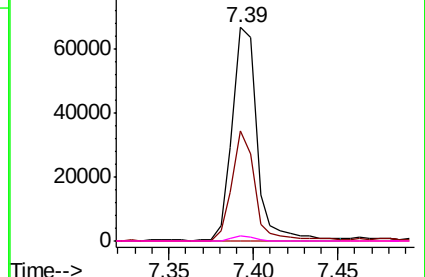
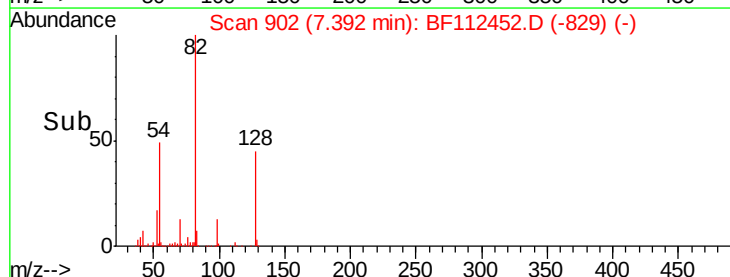


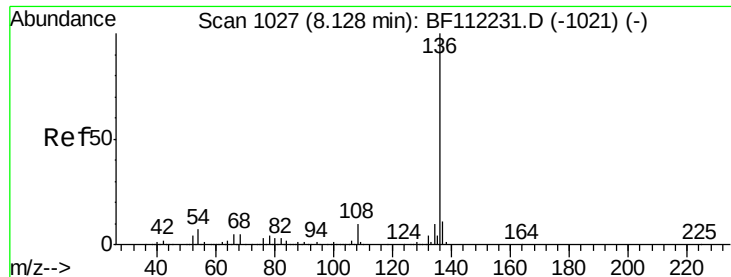
Abundance Ion 70.00 (69.70 to 70.70): BF1

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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112452.D

Acq: 7 Feb 2019 21:38

Instrument :

BNA_F

ClientSampleId :

DUPE-X

Tot Ion:136 Resp: 495918

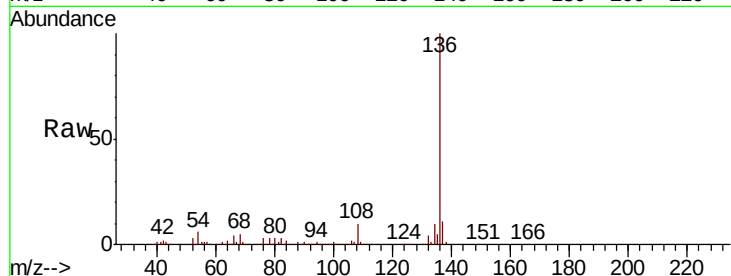
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.9 5.9 8.9

68 4.7 5.1 7.7#

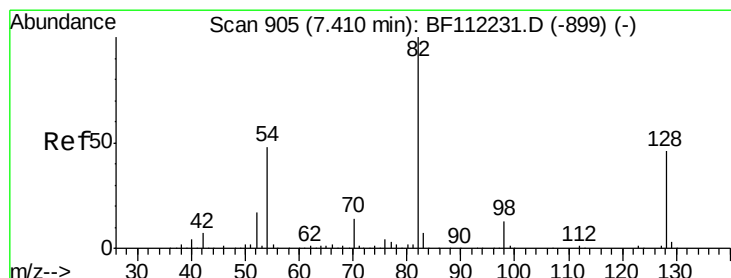
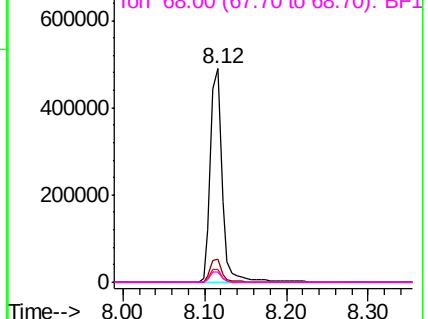
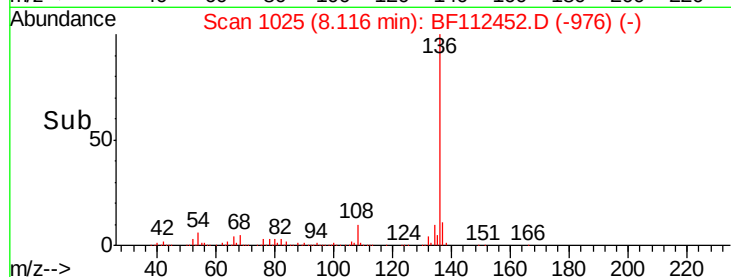


Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.591 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.02 min

Lab File: BF112452.D

Acq: 7 Feb 2019 21:38

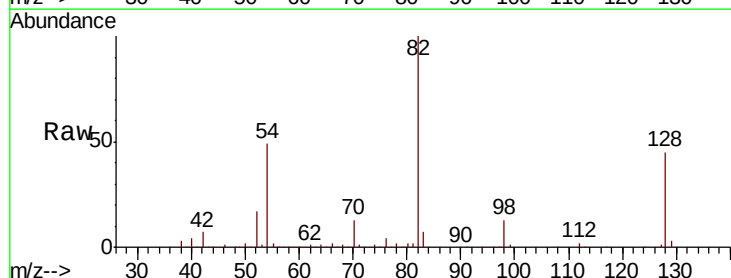
Tgt Ion: 82 Resp: 512888

Ion Ratio Lower Upper

82 100

128 45.1 37.8 56.8

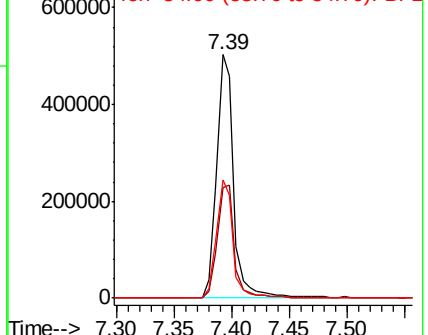
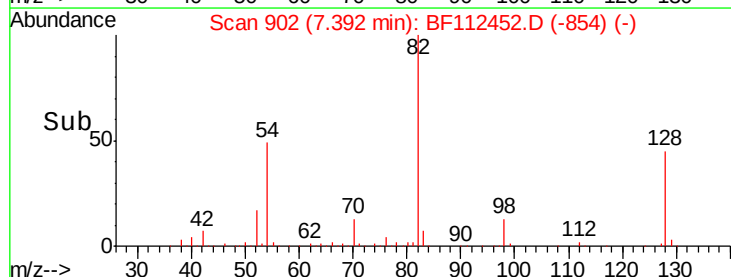
54 48.7 39.7 59.5

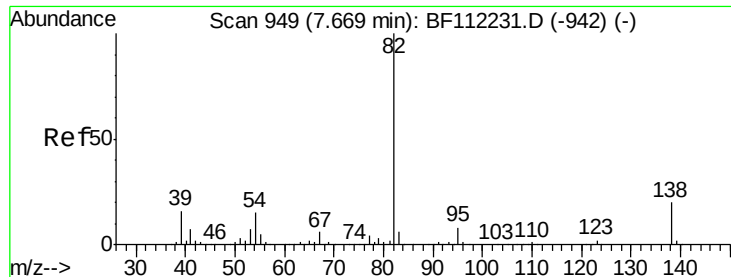


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 37.985 ng

RT: 7.39 min Scan# 902

Delta R.T. -0.28 min

Lab File: BF112452.D

Acq: 7 Feb 2019 21:38

Instrument :

BNA_F

ClientSampleId :

DUPE-X

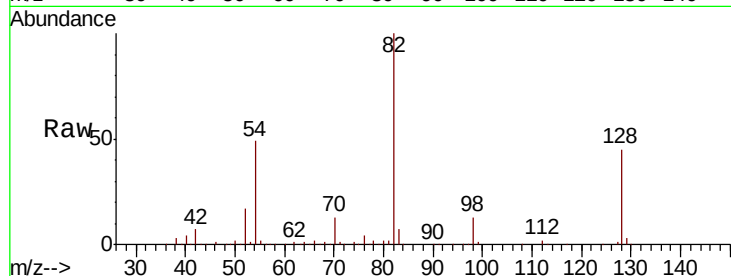
Tot Ion: 82 Resp: 512881

Ion Ratio Lower Upper

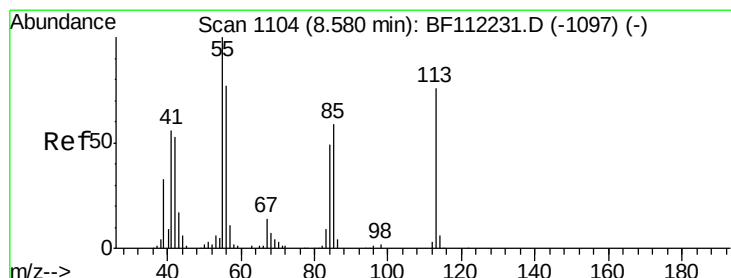
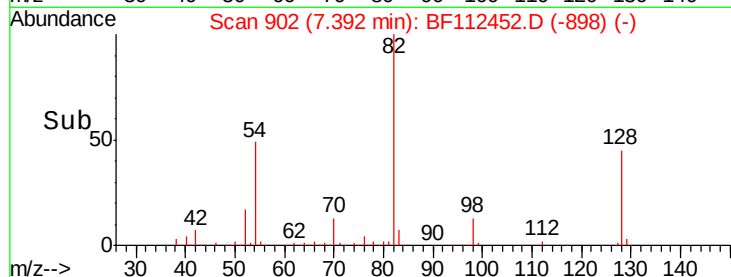
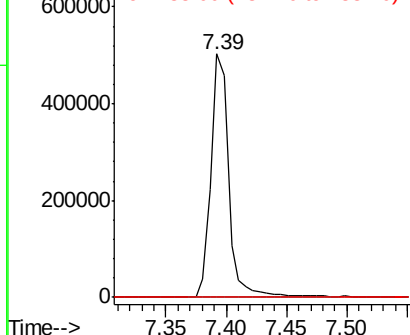
82 100

95 0.0 5.7 8.5#

138 0.0 15.4 23.0#



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): E



#35

Caprolactam

Concen: 2.846 ng

RT: 8.53 min Scan# 1096

Delta R.T. -0.05 min

Lab File: BF112452.D

Acq: 7 Feb 2019 21:38

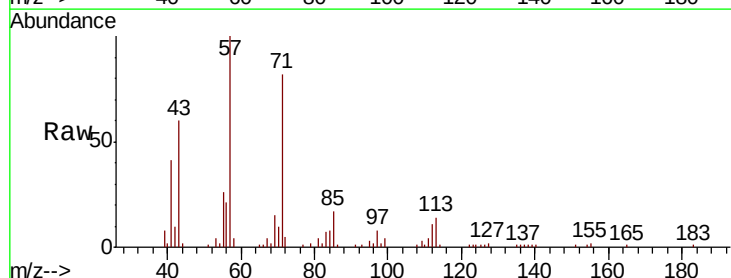
Tgt Ion: 113 Resp: 7110

Ion Ratio Lower Upper

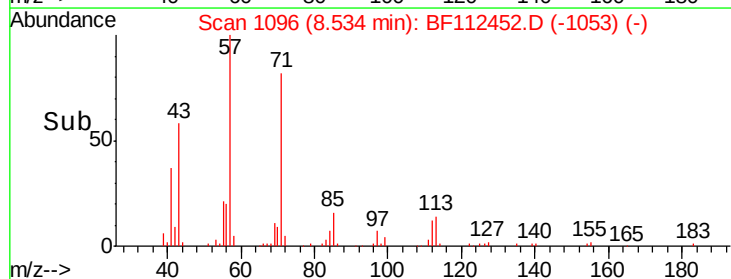
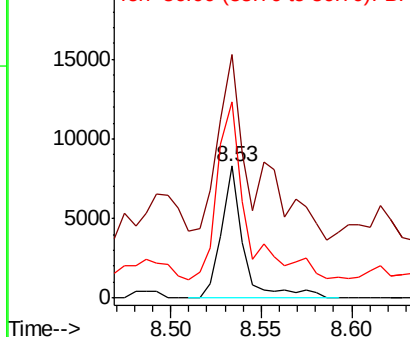
113 100

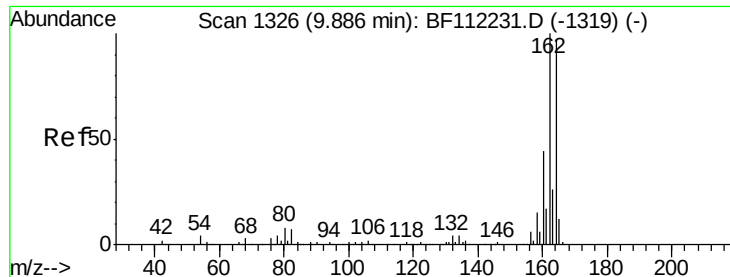
55 184.8 121.6 161.6#

56 149.4 86.7 126.7#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

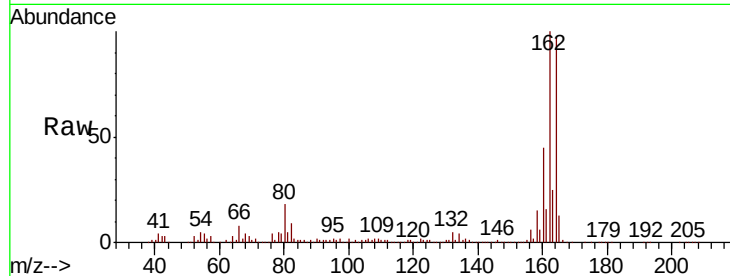




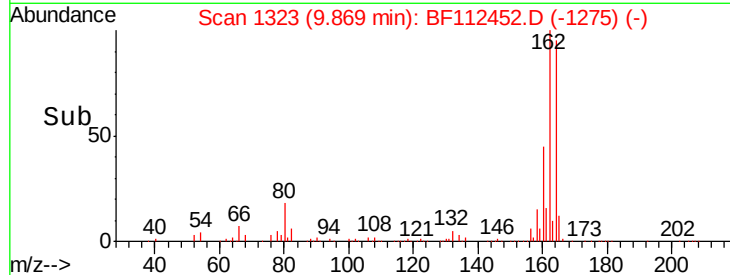
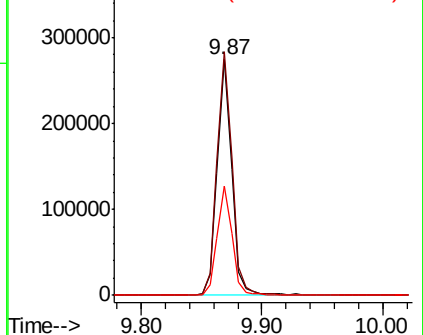
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.02 min
 Lab File: BF112452.D
 Acq: 7 Feb 2019 21:38

Instrument :
 BNA_F
 ClientSampleId :
 DUPE-X

Tot Ion:164 Resp: 227440
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.2 123.4
 160 46.2 36.2 54.4

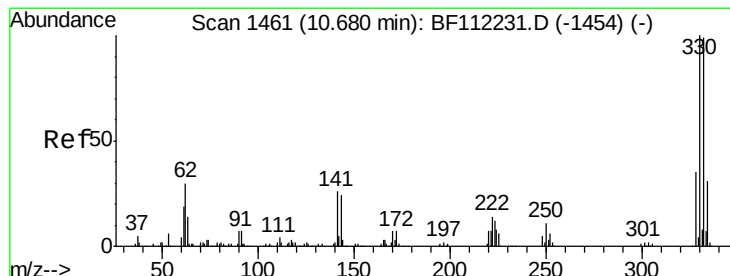


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

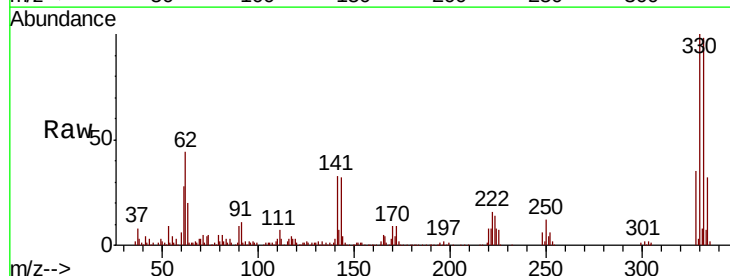
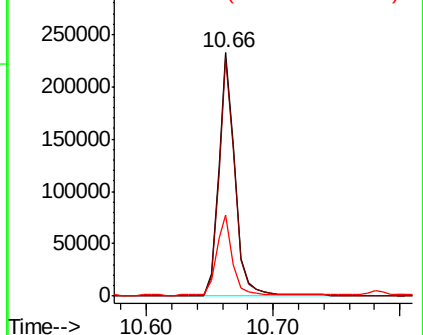


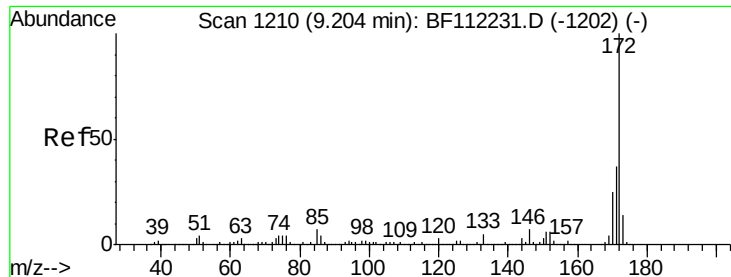
#42
 2,4,6-Tribromophenol
 Concen: 79.714 ng
 RT: 10.66 min Scan# 1458
 Delta R.T. -0.02 min
 Lab File: BF112452.D
 Acq: 7 Feb 2019 21:38

Tgt Ion:330 Resp: 211030
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 114.8
 141 32.7 24.3 36.5



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

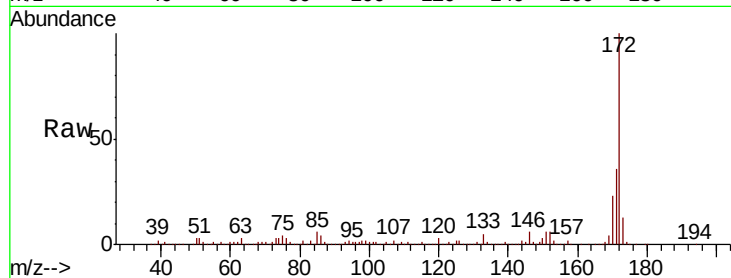




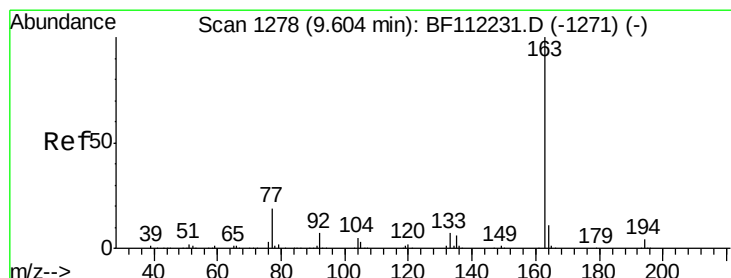
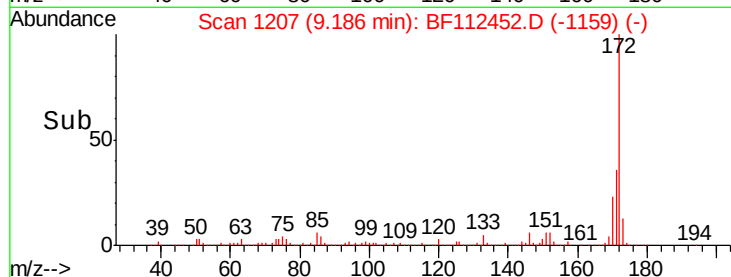
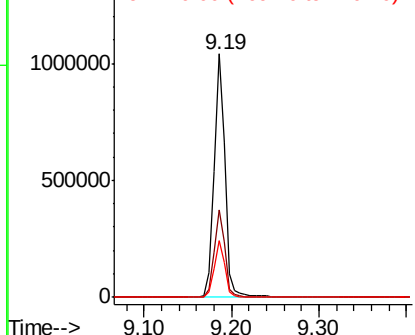
#45
2-Fluorobiphenyl
Concen: 56.306 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF112452.D
Acq: 7 Feb 2019 21:38

Instrument :
BNA_F
ClientSampleId :
DUPE-X

Tot Ion:172 Resp: 905464
Ion Ratio Lower Upper
172 100
171 36.0 30.5 45.7
170 23.4 20.2 30.4

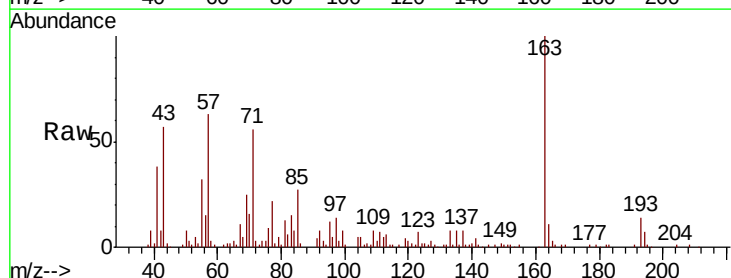


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

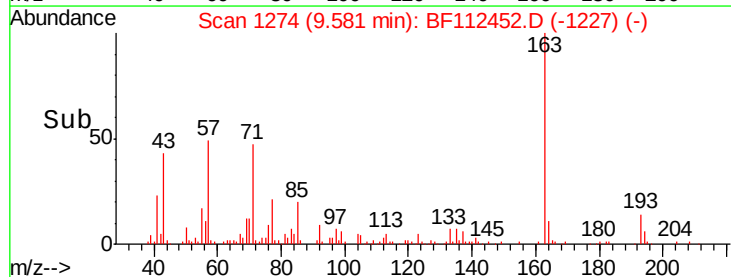
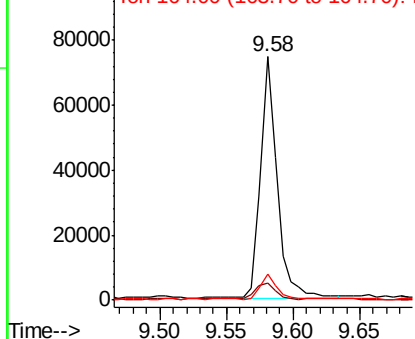


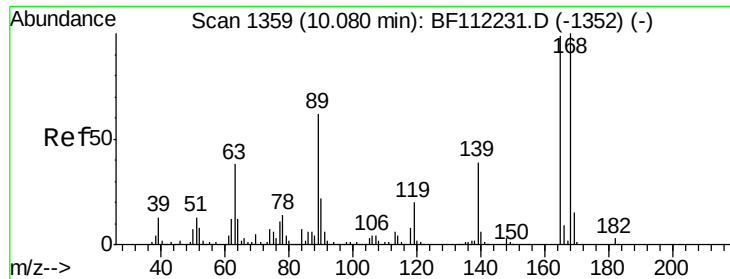
#50
Dimethylphthalate
Concen: 3.635 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112452.D
Acq: 7 Feb 2019 21:38

Tgt Ion:163 Resp: 64226
Ion Ratio Lower Upper
163 100
194 7.1 3.3 4.9#
164 10.7 8.5 12.7



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

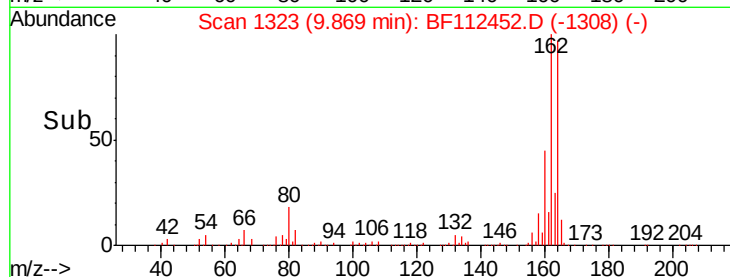
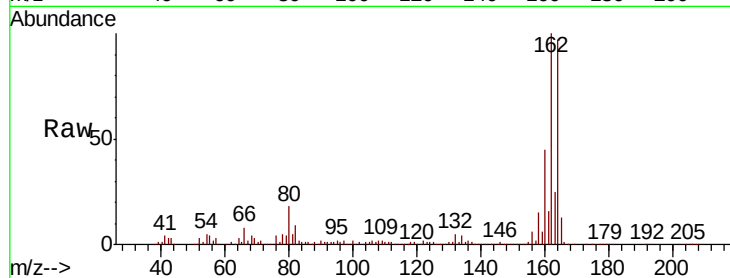




#57
 2,4-Dinitrotoluene
 Concen: 5.948 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF112452.D
 Acq: 7 Feb 2019 21:38

Instrument :
 BNA_F
 ClientSampleId :
 DUPE-X

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	27.9	41.9#
89	2.3	47.9	71.9#
182	0.0	2.2	3.4#

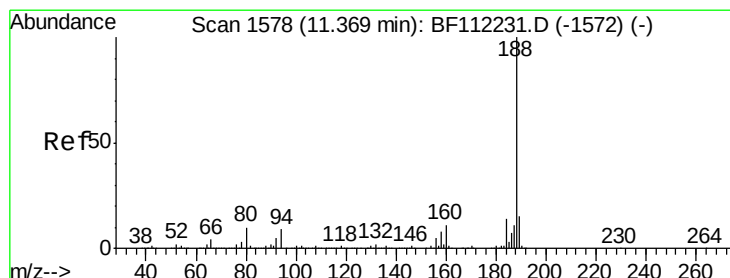
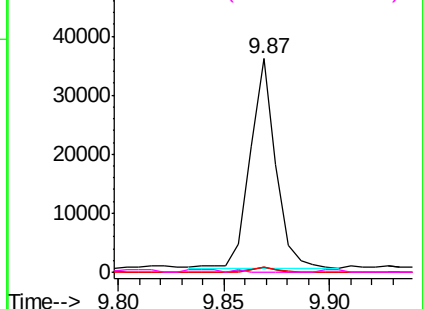


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

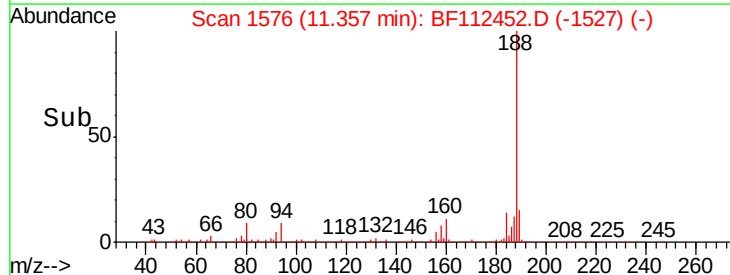
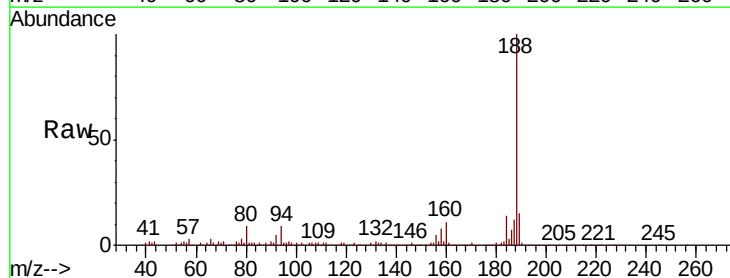
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF112452.D
 Acq: 7 Feb 2019 21:38

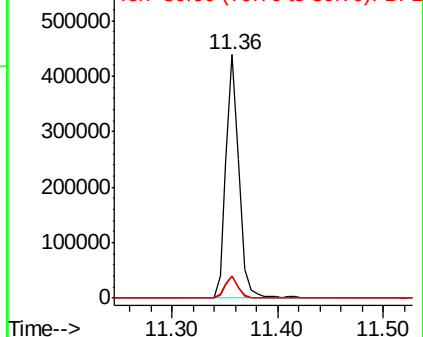
Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.2	12.2
80	9.2	8.9	13.3

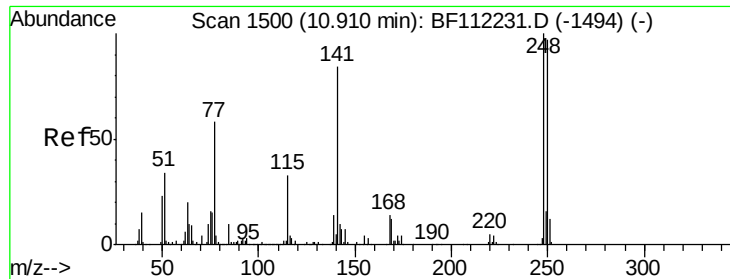


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

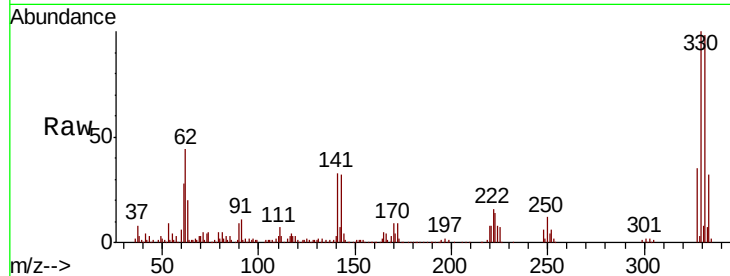




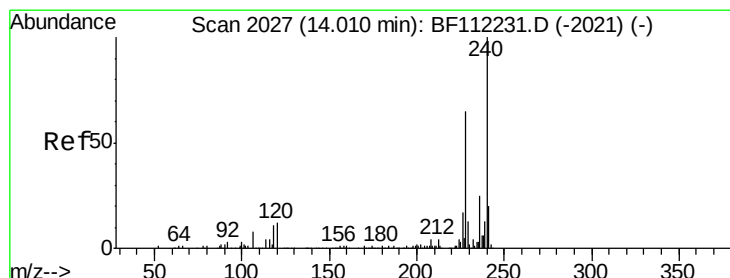
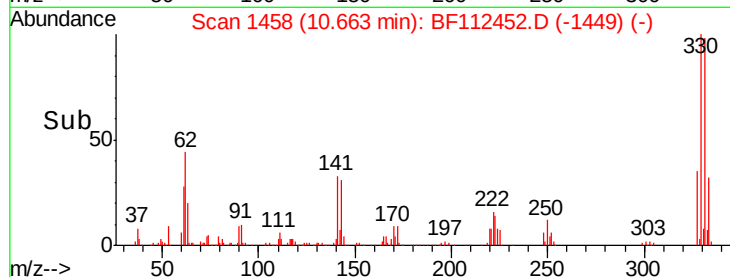
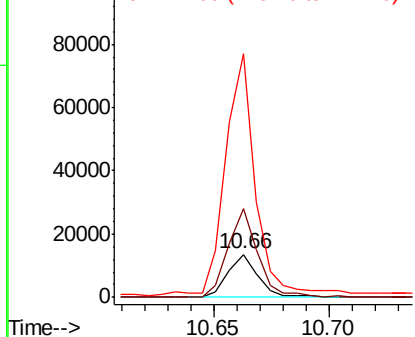
#67
4-Bromophenyl-phenylether
Concen: 2.771 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112452.D
Acq: 7 Feb 2019 21:38

Instrument :
BNA_F
ClientSampled :
DUPE-X

Tot Ion:248 Resp: 12342
Ion Ratio Lower Upper
248 100
250 208.6 79.7 119.5#
141 568.5 60.3 90.5#

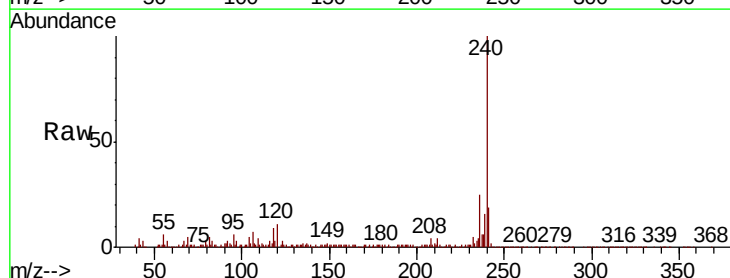


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

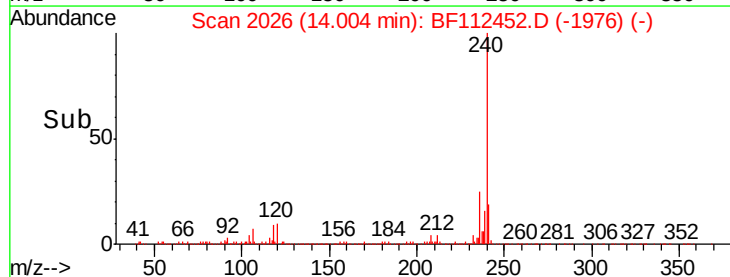
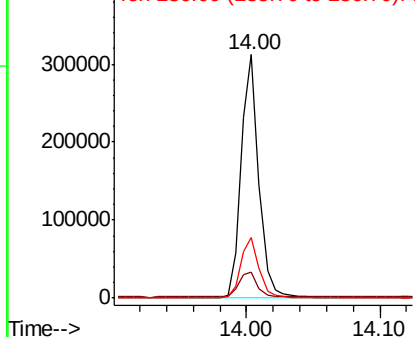


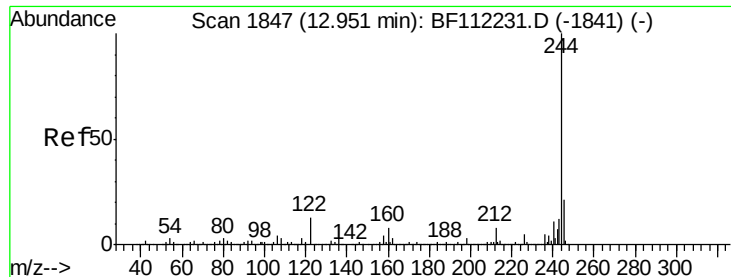
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF112452.D
Acq: 7 Feb 2019 21:38

Tgt Ion:240 Resp: 287792
Ion Ratio Lower Upper
240 100
120 10.6 9.0 13.6
236 25.1 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

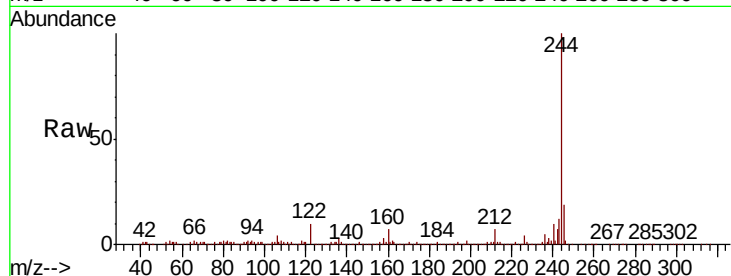




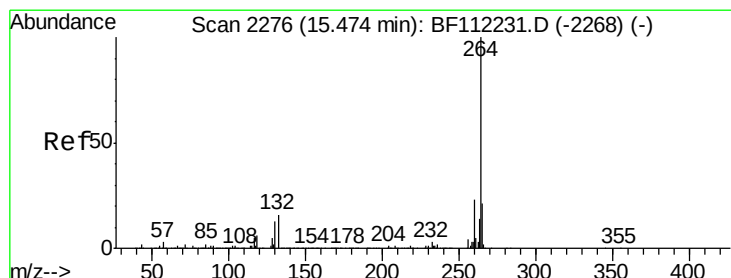
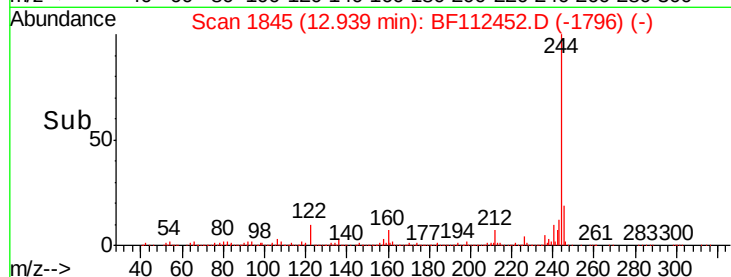
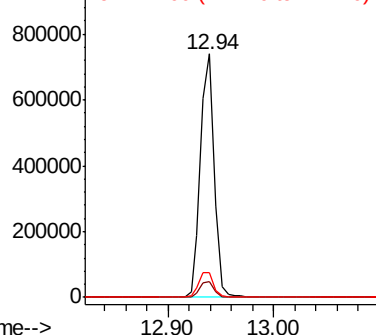
#79
 Terphenyl-d14
 Concen: 43.789 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112452.D
 Acq: 7 Feb 2019 21:38

Instrument :
 BNA_F
 ClientSampleId :
 DUPE-X

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.9	8.9
122	10.1	9.8	14.6

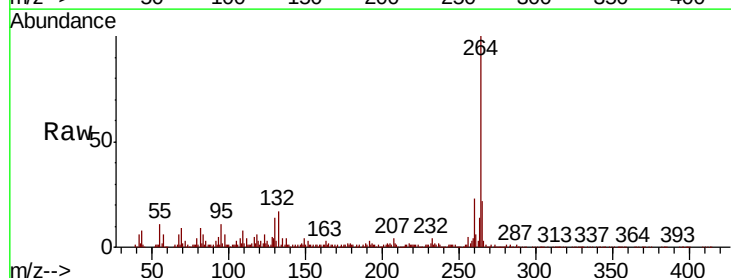


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. 0.01 min
 Lab File: BF112452.D
 Acq: 7 Feb 2019 21:38

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.2	27.2
265	22.5	17.0	25.4



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

