

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
 Data File : BF112451.D
 Acq On : 7 Feb 2019 21:10
 Operator : JU/SJ
 Sample : K1390-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-05(0-2)

Quant Time: Feb 09 03:15:12 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

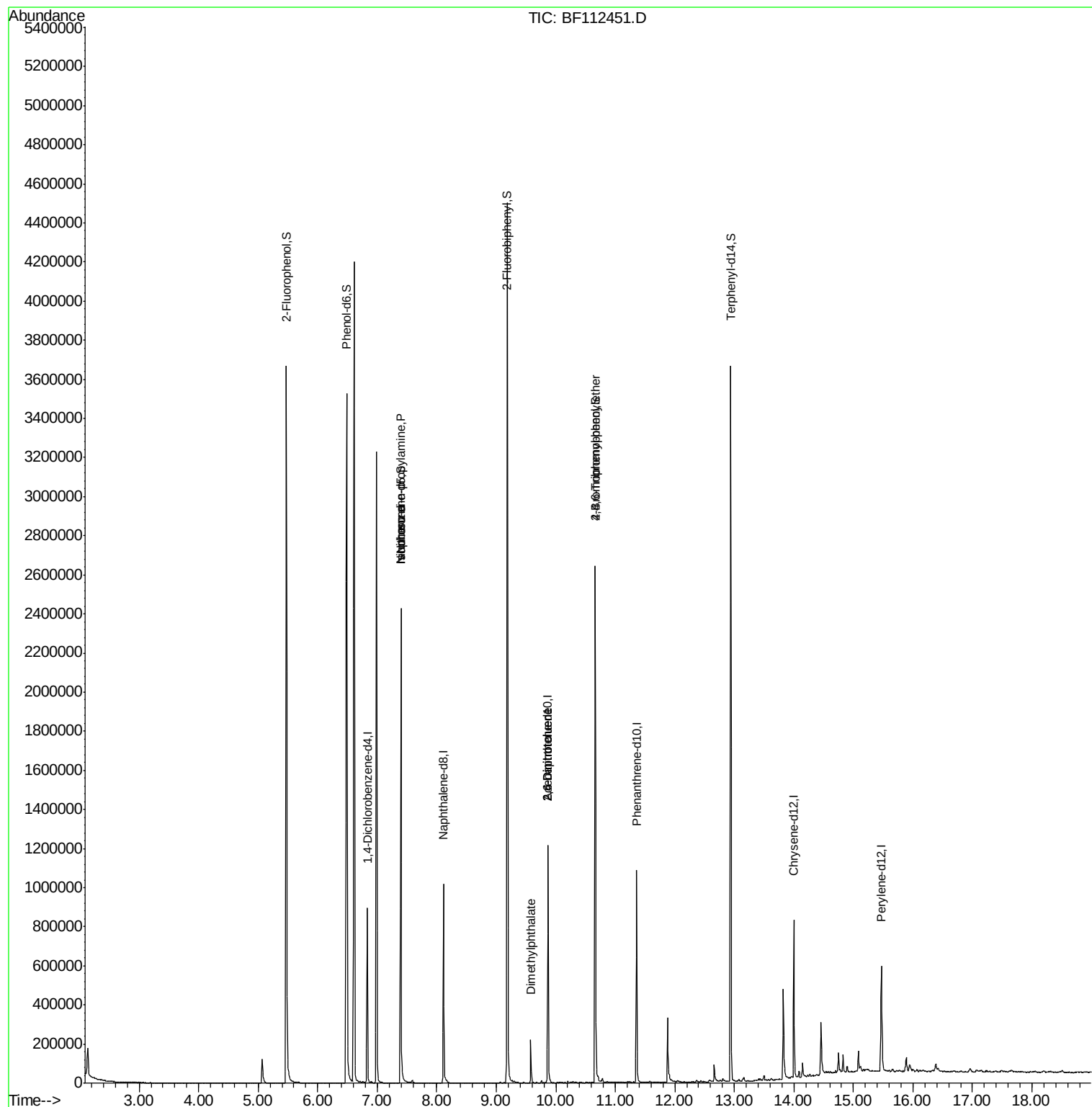
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	140024	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	529721	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	244252	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	399924	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	295668	20.00	ng	-0.01
87) Perylene-d12	15.47	264	251596	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1077604	163.46	ng	0.00
7) Phenol-d6	6.49	99	1364824	148.99	ng	0.00
23) Nitrobenzene-d5	7.40	82	856038	93.11	ng	-0.01
42) 2,4,6-Tribromophenol	10.66	330	348939	122.74	ng	-0.02
45) 2-Fluorobiphenyl	9.19	172	1536255	88.96	ng	-0.02
79) Terphenyl-d14	12.94	244	1174012	74.79	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	112905	17.875	ng	# 78
25) Isophorone	7.40	82	856093	59.358	ng	# 63
50) Dimethylphthalate	9.58	163	100751	5.309	ng	# 99
51) 2,6-Dinitrotoluene	9.87	165	31499	7.411	ng	# 33
57) 2,4-Dinitrotoluene	9.87	165	31499	5.822	ng	# 31
67) 4-Bromophenyl-phenylether	10.66	248	21131	4.492	ng	# 1

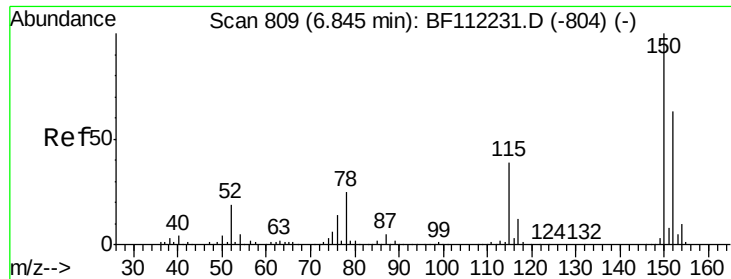
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020719\
Data File : BF112451.D
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Sample : K1390-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-05(0-2)

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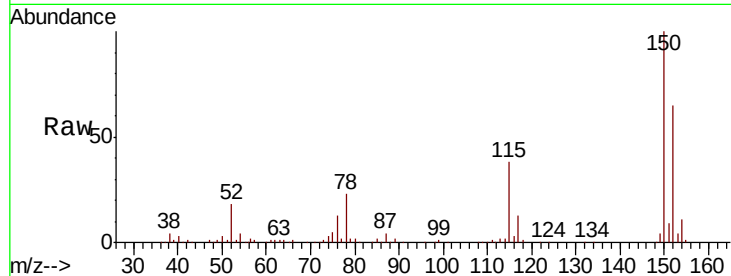


#1

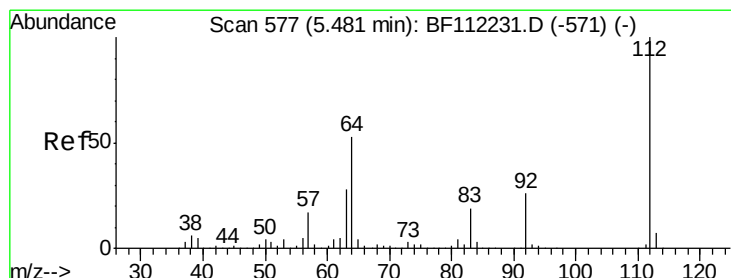
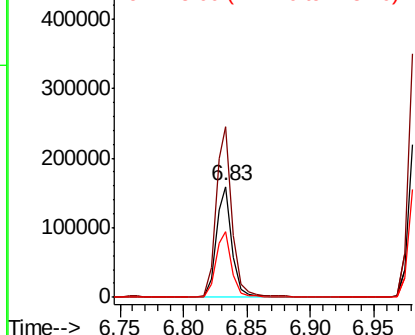
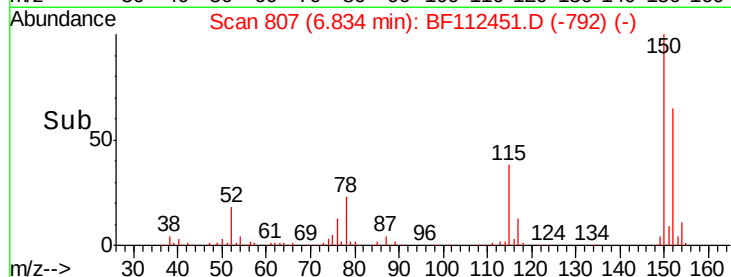
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112451.D
Acq: 7 Feb 2019 21:10

Instrument :
BNA_F
ClientSampleId :
SB-05(0-2)

Tot Ion:152 Resp: 140024
Ion Ratio Lower Upper
152 100
150 153.8 127.4 191.0
115 59.1 45.5 68.3



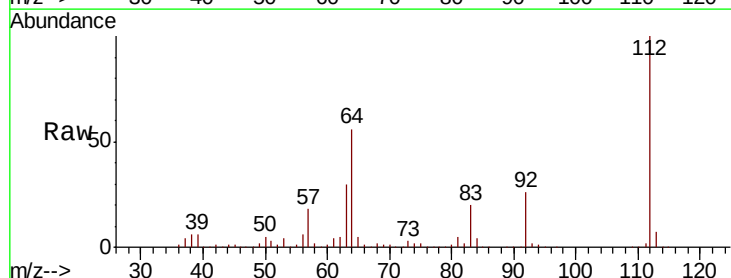
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



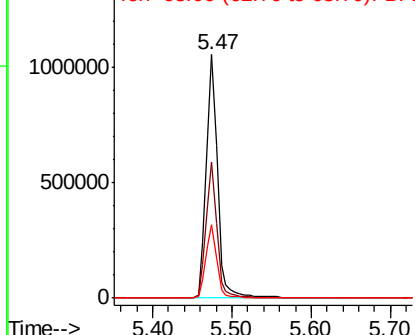
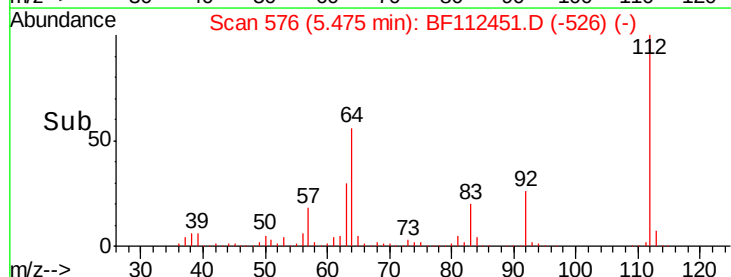
#5

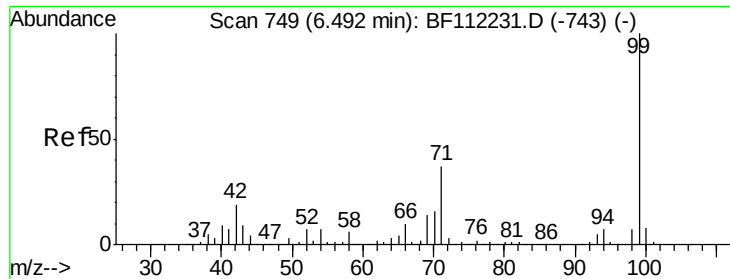
2-Fluorophenol
Concen: 163.465 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF112451.D
Acq: 7 Feb 2019 21:10

Tgt Ion:112 Resp: 1077604
Ion Ratio Lower Upper
112 100
64 56.0 45.7 68.5
63 30.3 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: 148.994 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112451.D

Acq: 7 Feb 2019 21:10

Instrument :

BNA_F

ClientSampleId :

SB-05(0-2)

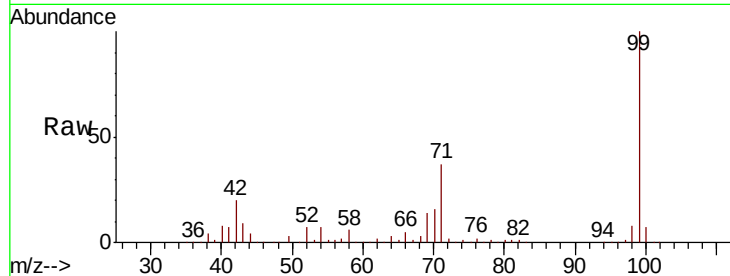
Tot Ion: 99 Resp: 1364824

Ion Ratio Lower Upper

99 100

42 19.6 15.1 22.7

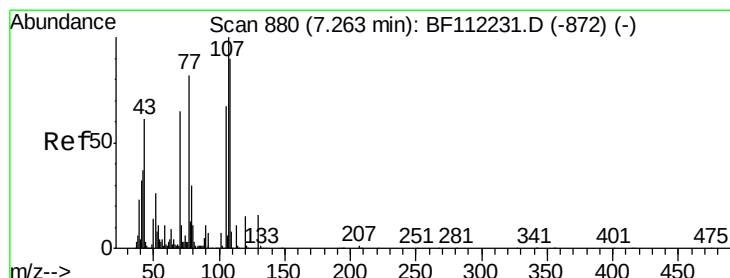
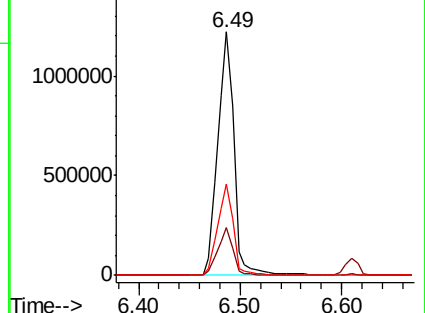
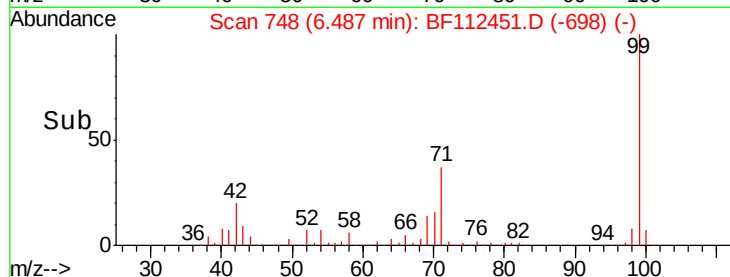
71 37.4 26.9 40.3



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: 17.875 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF112451.D

Acq: 7 Feb 2019 21:10

Tgt Ion: 70 Resp: 112905

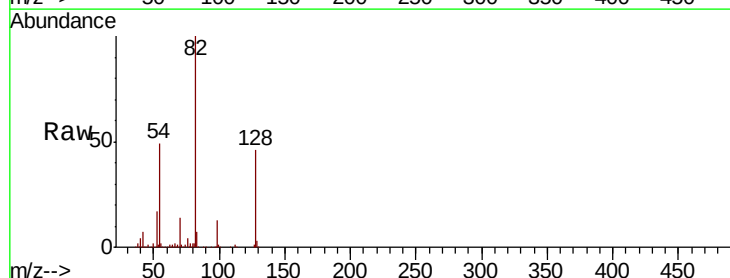
Ion Ratio Lower Upper

70 100

42 49.3 47.6 71.4

101 0.0 7.9 11.9#

130 2.0 18.4 27.6#

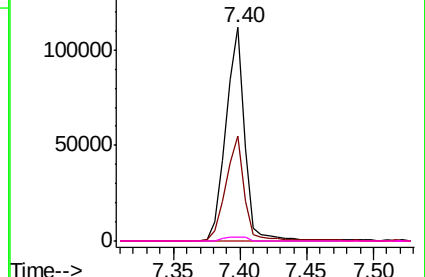
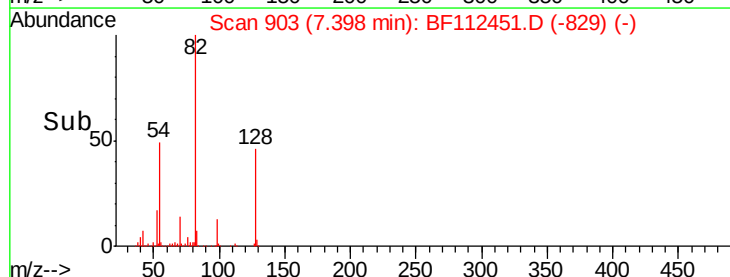


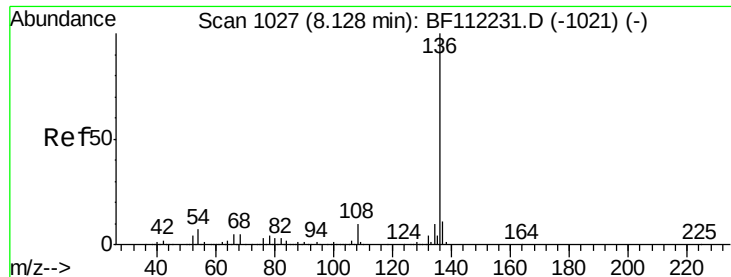
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112451.D

Acq: 7 Feb 2019 21:10

Instrument :

BNA_F

ClientSampleId :

SB-05(0-2)

Tot Ion:136 Resp: 529721

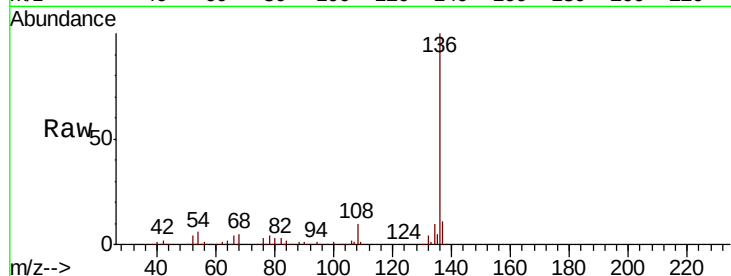
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 5.7 5.9 8.9#

68 4.5 5.1 7.7#

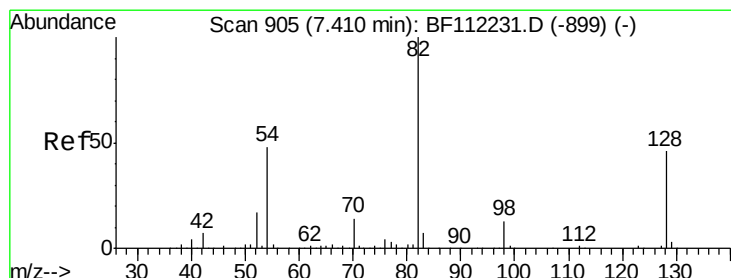
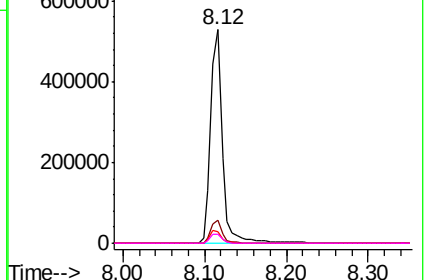
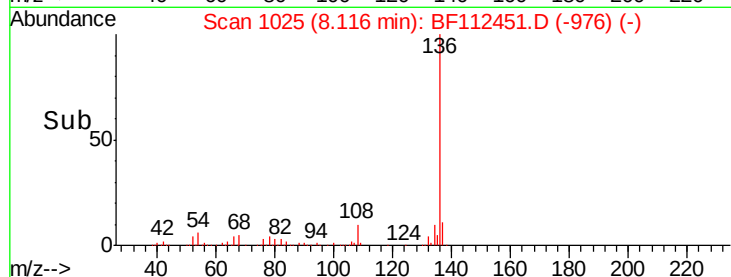


Abundance Ion 136.00 (135.70 to 136.70): E

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: 93.115 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112451.D

Acq: 7 Feb 2019 21:10

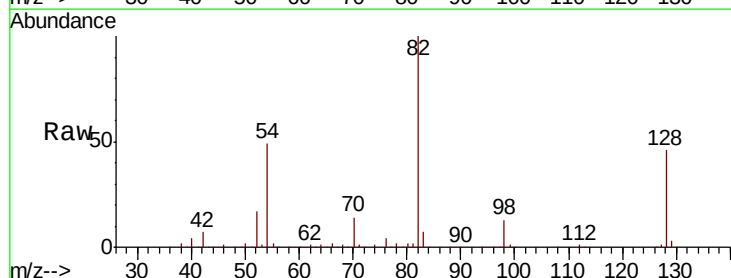
Tgt Ion: 82 Resp: 856038

Ion Ratio Lower Upper

82 100

128 46.4 37.8 56.8

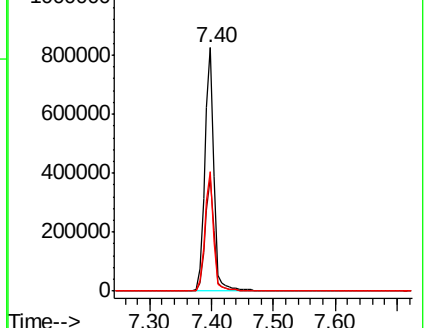
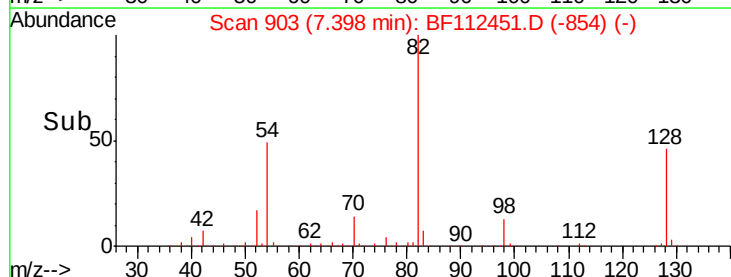
54 49.3 39.7 59.5

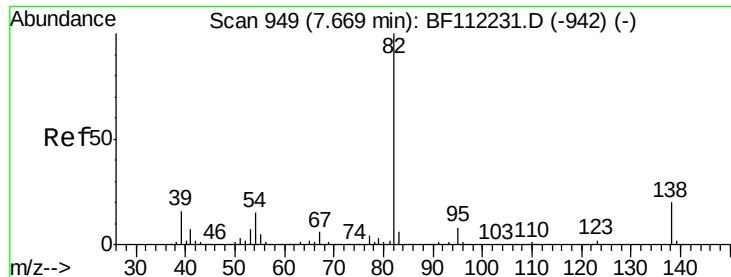


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 59.358 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF112451.D

Acq: 7 Feb 2019 21:10

Instrument :

BNA_F

ClientSampleId :

SB-05(0-2)

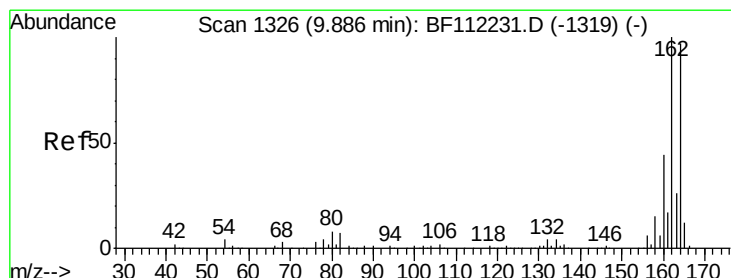
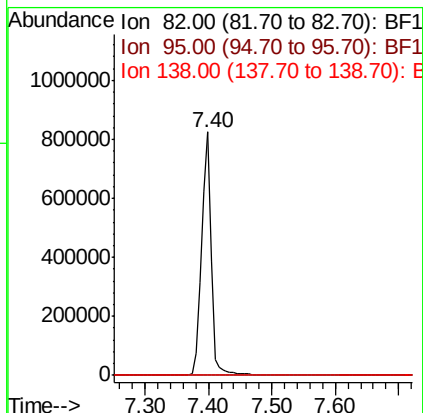
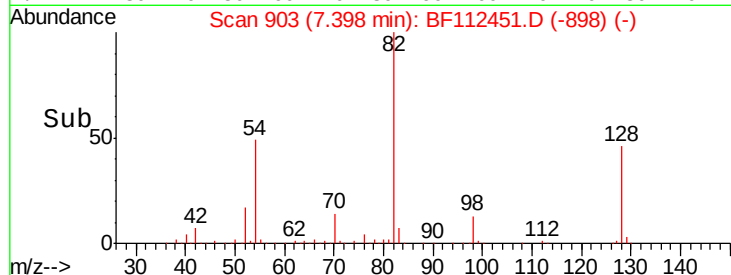
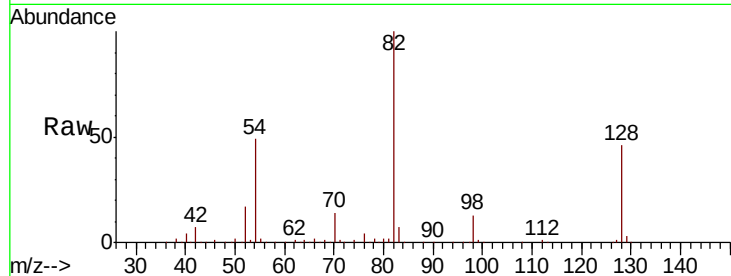
Tot Ion: 82 Resp: 856093

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 15.4 23.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112451.D

Acq: 7 Feb 2019 21:10

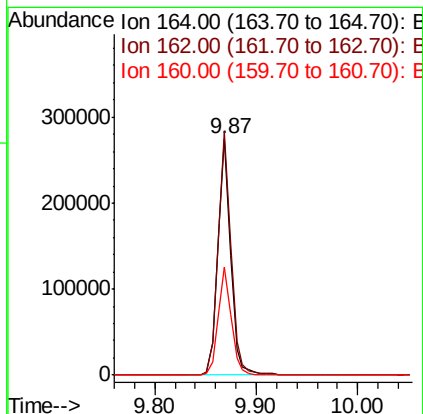
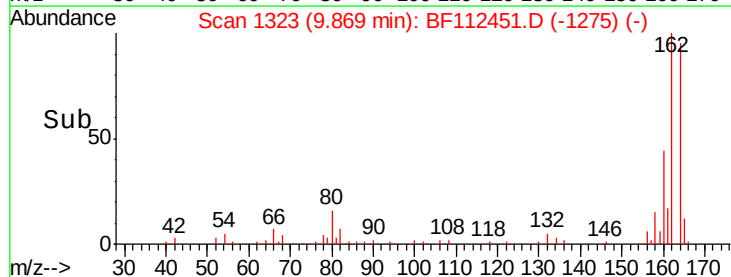
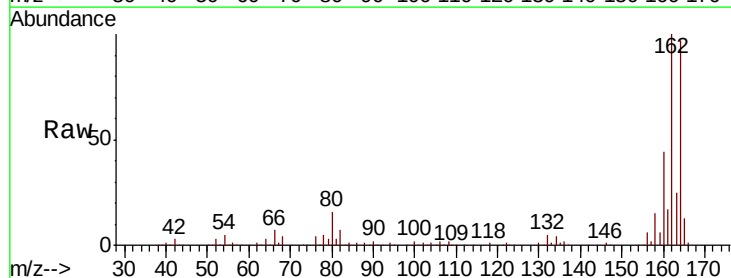
Tgt Ion: 164 Resp: 244252

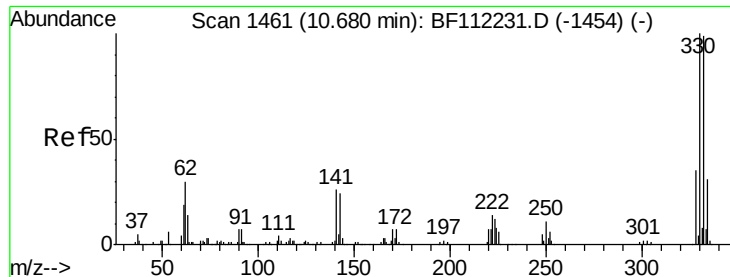
Ion Ratio Lower Upper

164 100

162 103.0 82.2 123.4

160 45.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 122.735 ng

RT: 10.66 min Scan# 1458

Delta R.T. -0.02 min

Lab File: BF112451.D

Acq: 7 Feb 2019 21:10

Instrument :

BNA_F

ClientSampleId :

SB-05(0-2)

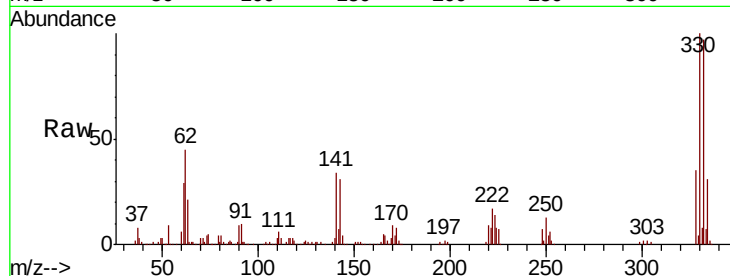
Tot Ion:330 Resp: 348939

Ion Ratio Lower Upper

330 100

332 96.6 76.6 114.8

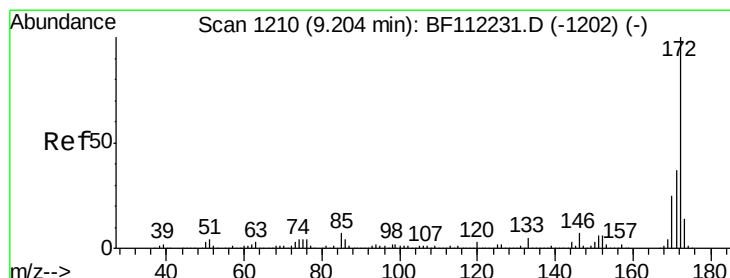
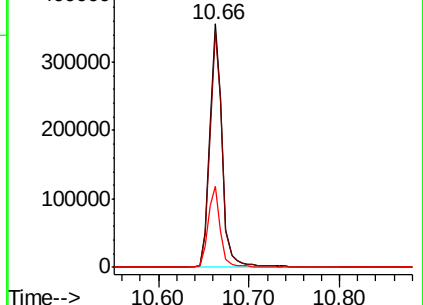
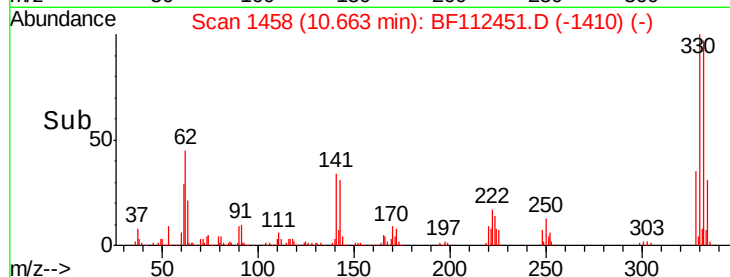
141 33.1 24.3 36.5



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: 88.957 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF112451.D

Acq: 7 Feb 2019 21:10

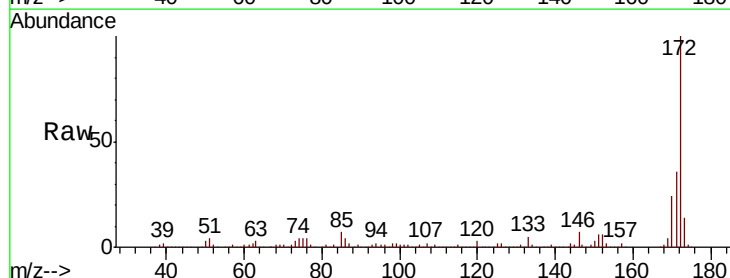
Tgt Ion:172 Resp: 1536255

Ion Ratio Lower Upper

172 100

171 36.3 30.5 45.7

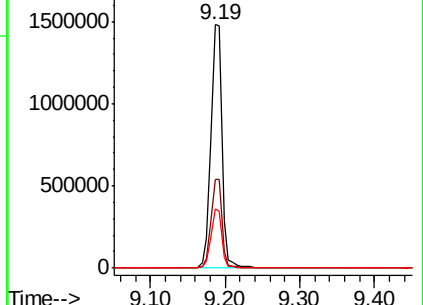
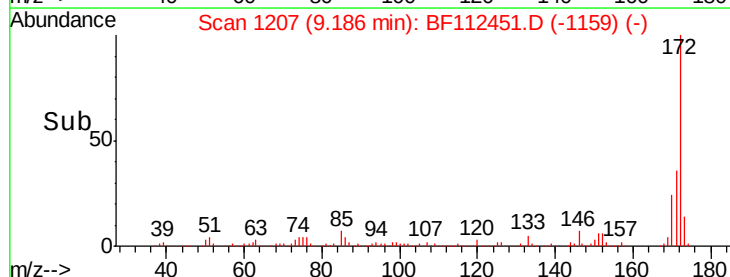
170 24.2 20.2 30.4

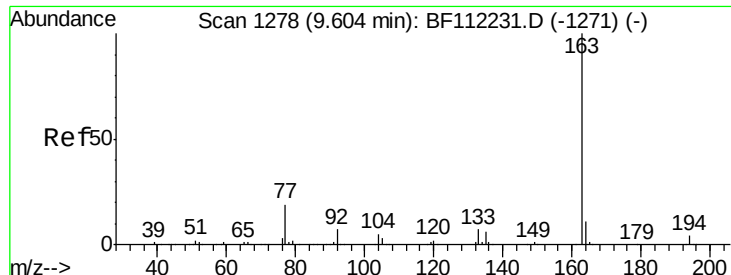


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

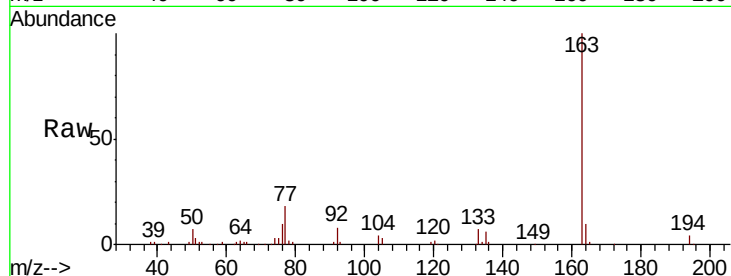




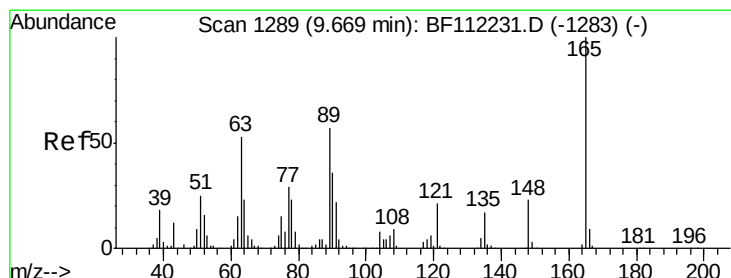
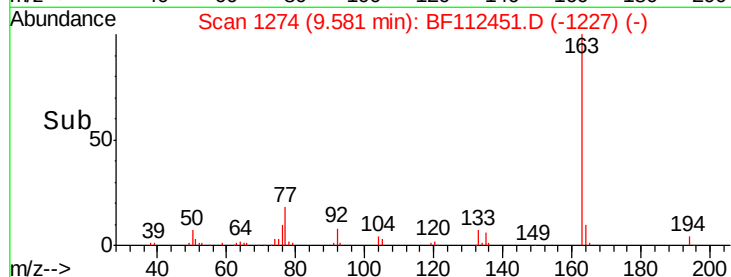
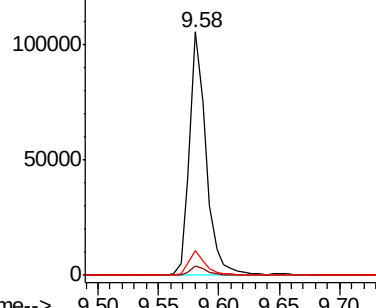
#50
Dimethylphthalate
Concen: 5.309 ng
RT: 9.58 min Scan# 1274
Delta R.T. -0.02 min
Lab File: BF112451.D
Acq: 7 Feb 2019 21:10

Instrument :
BNA_F
ClientSampled :
SB-05(0-2)

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.3	8.5	12.7

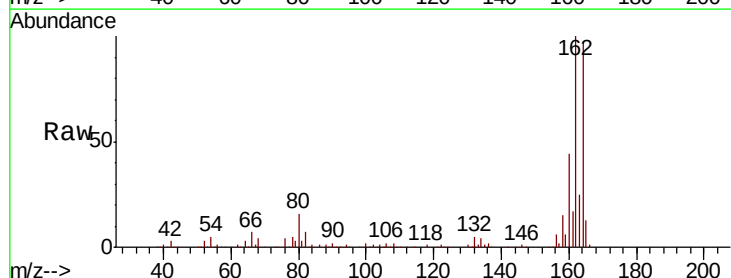


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

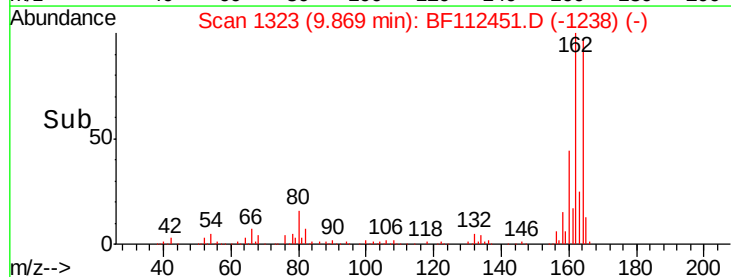
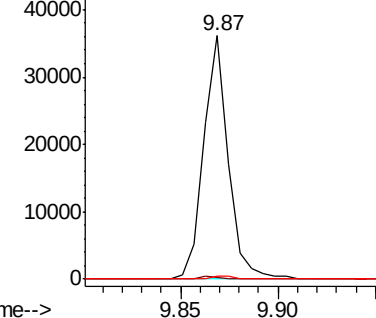


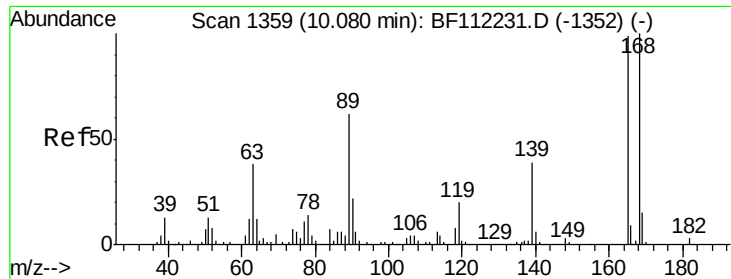
#51
2,6-Dinitrotoluene
Concen: 7.411 ng
RT: 9.87 min Scan# 1323
Delta R.T. 0.20 min
Lab File: BF112451.D
Acq: 7 Feb 2019 21:10

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	33.8	50.8#
89	1.3	36.9	55.3#



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

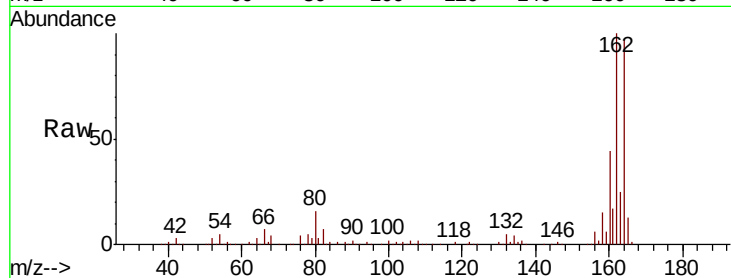




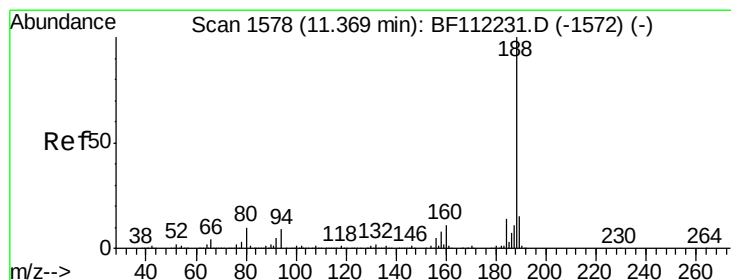
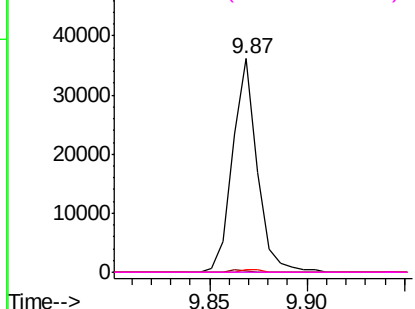
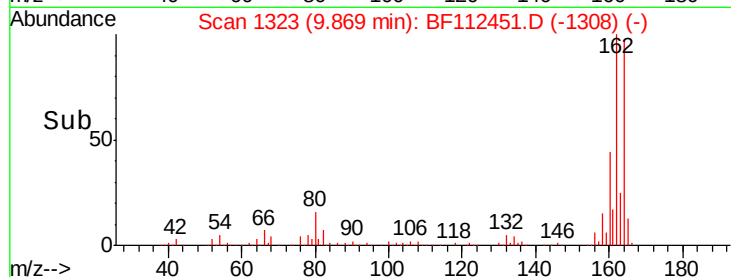
#57
 2,4-Dinitrotoluene
 Concen: 5.822 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.21 min
 Lab File: BF112451.D
 Acq: 7 Feb 2019 21:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-05(0-2)

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.8	27.9	41.9#
89	1.3	47.9	71.9#
182	0.0	2.2	3.4#

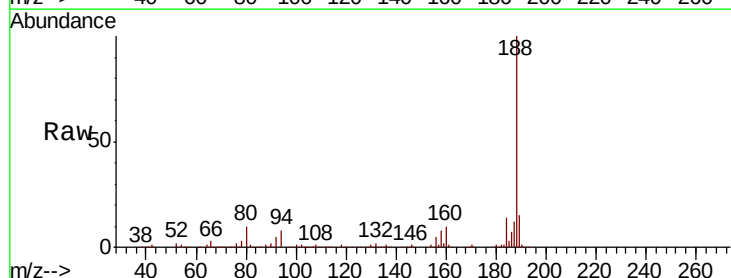


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

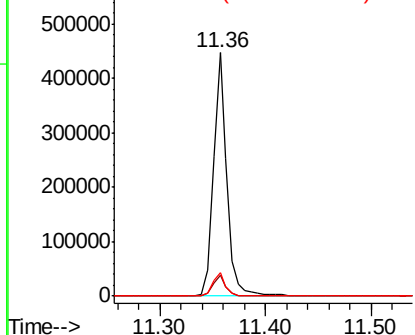
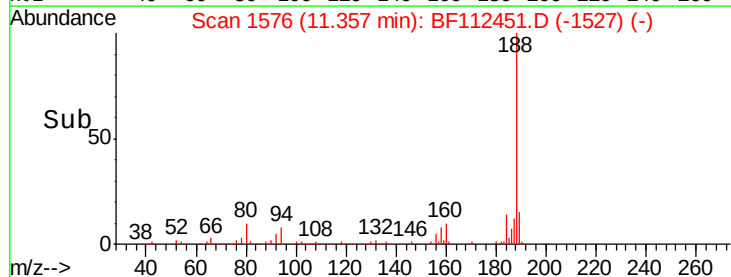


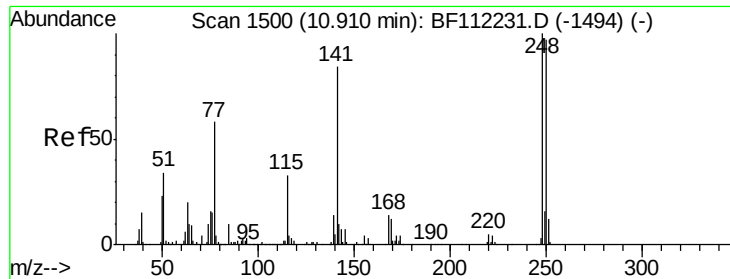
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. -0.01 min
 Lab File: BF112451.D
 Acq: 7 Feb 2019 21:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.4	8.2	12.2
80	9.5	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

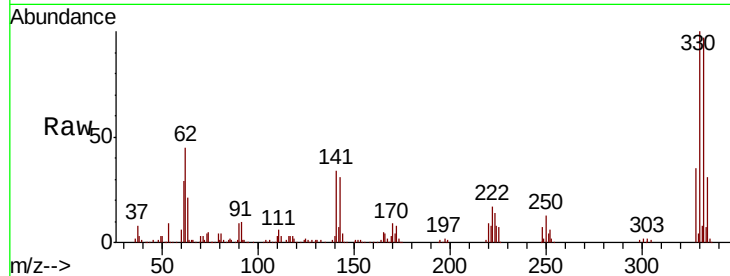




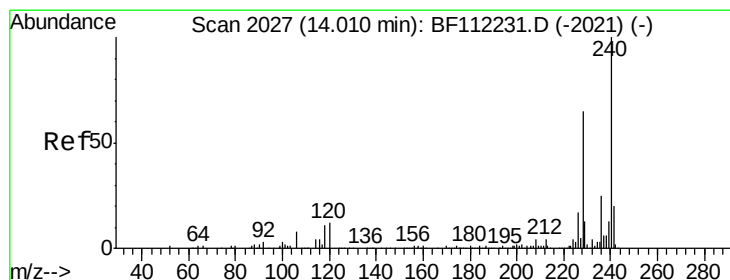
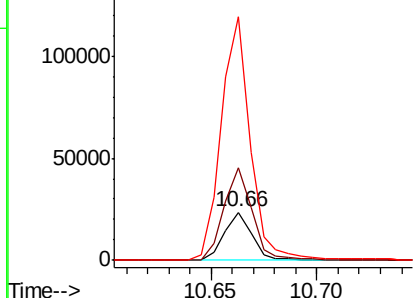
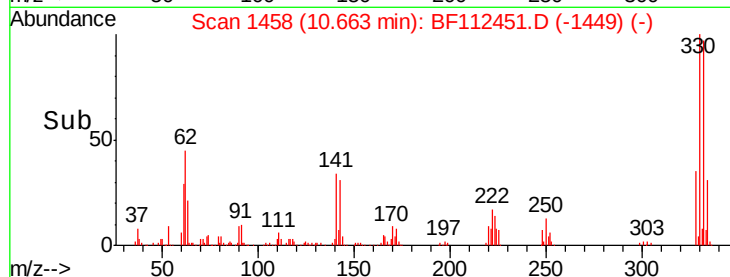
#67
4-Bromophenyl-phenylether
Concen: 4.492 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112451.D
Acq: 7 Feb 2019 21:10

Instrument :
BNA_F
ClientSampleId :
SB-05(0-2)

Tot Ion:248 Resp: 21131
Ion Ratio Lower Upper
248 100
250 191.5 79.7 119.5#
141 503.3 60.3 90.5#

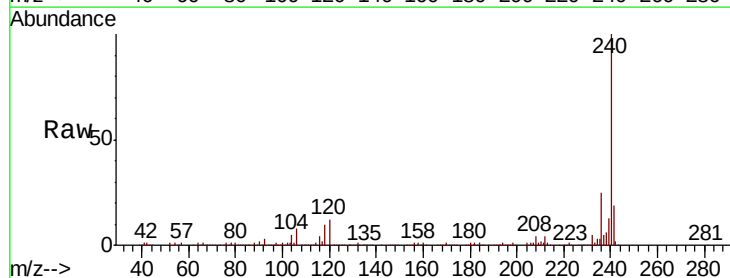


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

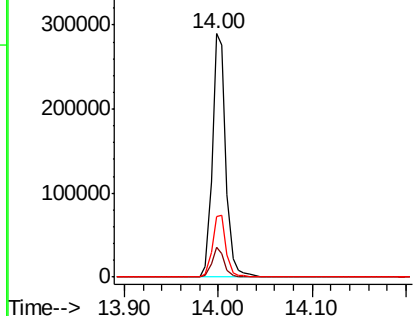
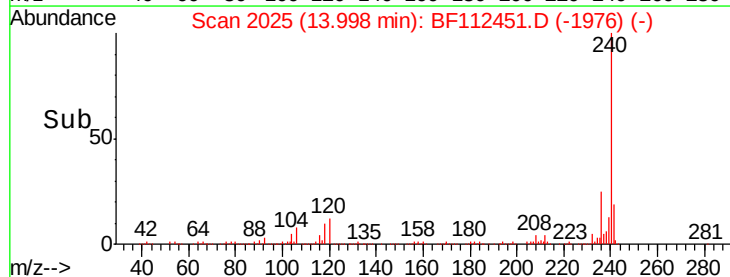


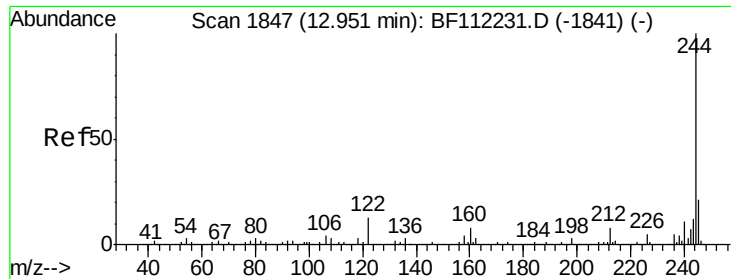
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF112451.D
Acq: 7 Feb 2019 21:10

Tgt Ion:240 Resp: 295668
Ion Ratio Lower Upper
240 100
120 12.3 9.0 13.6
236 24.9 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

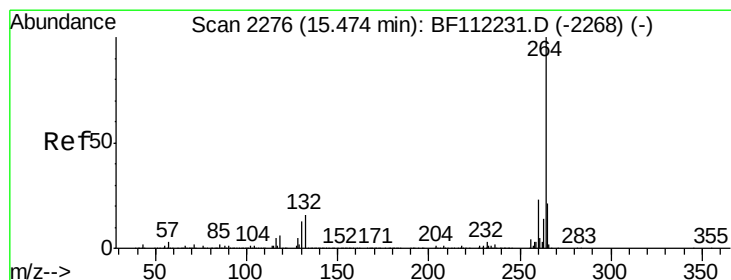
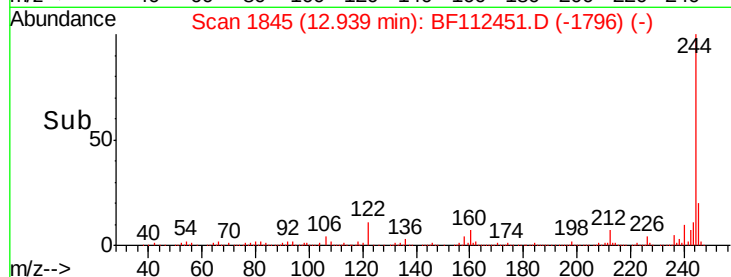
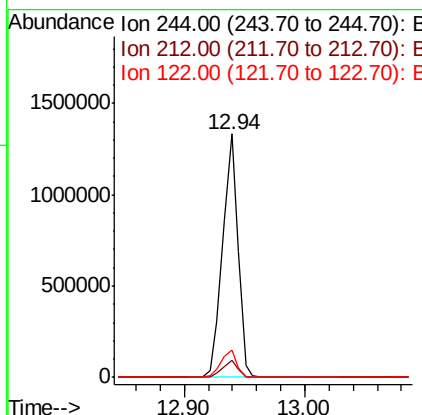
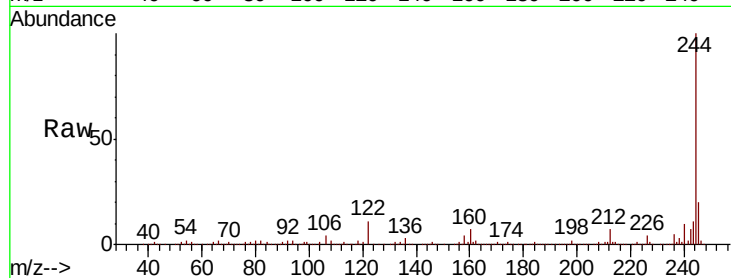




#79
 Terphenyl-d14
 Concen: 74.786 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112451.D
 Acq: 7 Feb 2019 21:10

Instrument :
 BNA_F
 ClientSampleId :
 SB-05(0-2)

Tot Ion:244 Resp: 1174012
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.1 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. 0.00 min
 Lab File: BF112451.D
 Acq: 7 Feb 2019 21:10

Tgt Ion:264 Resp: 251596
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.2 27.2
 265 22.7 17.0 25.4

