

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021219\
 Data File : BF112507.D
 Acq On : 12 Feb 2019 12:55
 Operator : JU/SJ
 Sample : K1462-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

Quant Time: Feb 13 03:37:52 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

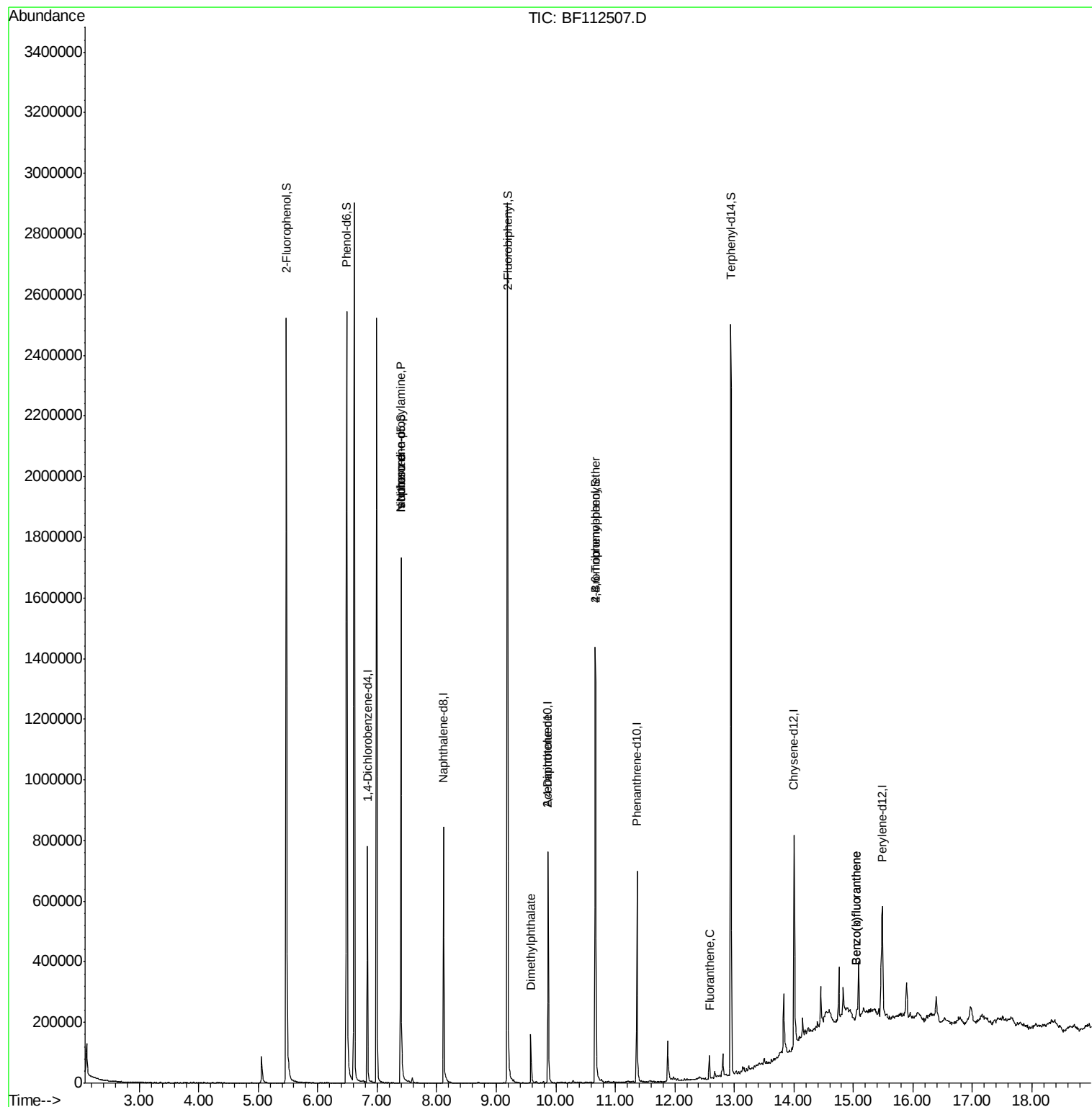
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	114408	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	413393	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	168602	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	280387	20.00	ng	0.00
76) Chrysene-d12	14.01	240	259110	20.00	ng	0.00
87) Perylene-d12	15.49	264	185842	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	764070	141.86	ng	0.00
7) Phenol-d6	6.49	99	943550	126.07	ng	0.00
23) Nitrobenzene-d5	7.40	82	564470	78.68	ng	-0.01
42) 2,4,6-Tribromophenol	10.67	330	205588	104.76	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1023164	85.83	ng	-0.01
79) Terphenyl-d14	12.94	244	857867	62.36	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	77005	14.921	ng	# 75
25) Isophorone	7.40	82	564465	50.151	ng	# 63
50) Dimethylphthalate	9.59	163	85219	6.505	ng	99
57) 2,4-Dinitrotoluene	9.87	165	21858	5.852	ng	# 31
67) 4-Bromophenyl-phenylether	10.66	248	12512	3.794	ng	# 1
75) Fluoranthene	12.58	202	31277	2.001	ng	97
88) Benzo(b)fluoranthene	15.06	252	22491	2.024	ng	# 79
89) Benzo(k)fluoranthene	15.06	252	22491	2.113	ng	# 80

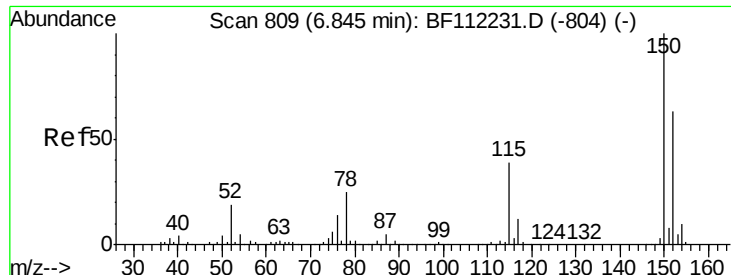
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021219\
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QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.01 min

Lab File: BF112507.D

Acq: 12 Feb 2019 12:55

Instrument :

BNA_F

ClientSampled :

TP-1-S

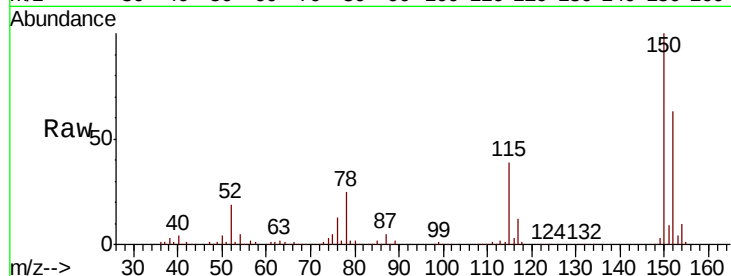
Tgt Ion:152 Resp: 114408

Ion Ratio Lower Upper

152 100

150 159.7 127.4 191.0

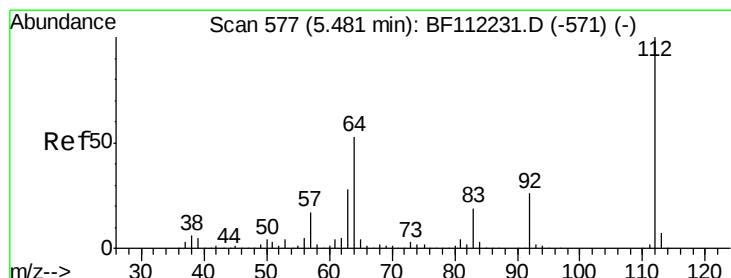
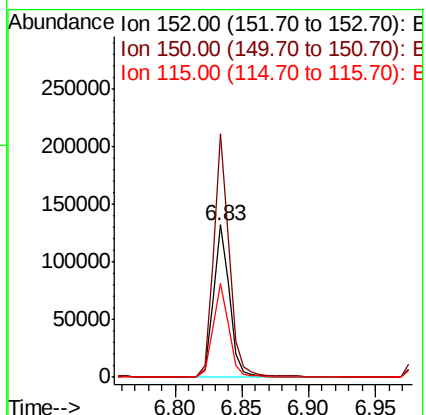
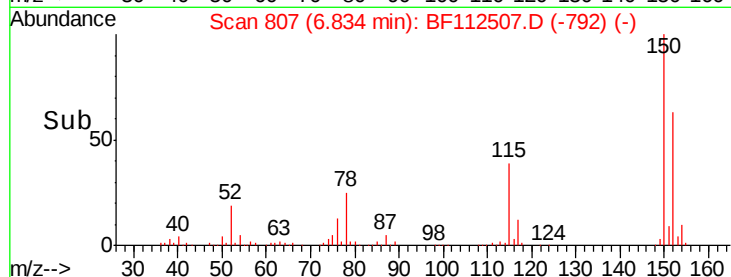
115 61.5 45.5 68.3



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: 141.855 ng

RT: 5.47 min Scan# 576

Delta R.T. -0.01 min

Lab File: BF112507.D

Acq: 12 Feb 2019 12:55

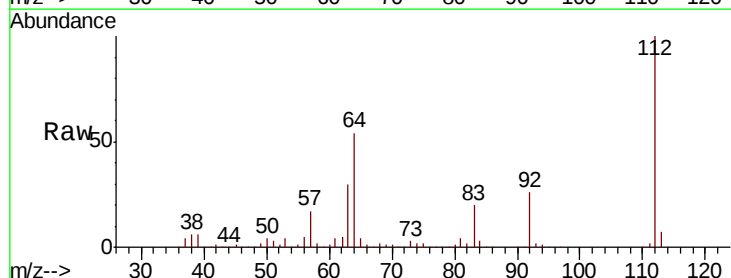
Tgt Ion:112 Resp: 764070

Ion Ratio Lower Upper

112 100

64 54.1 45.7 68.5

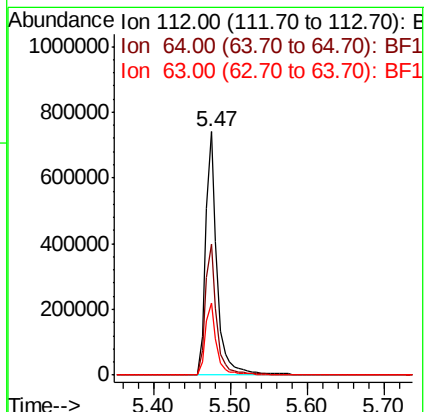
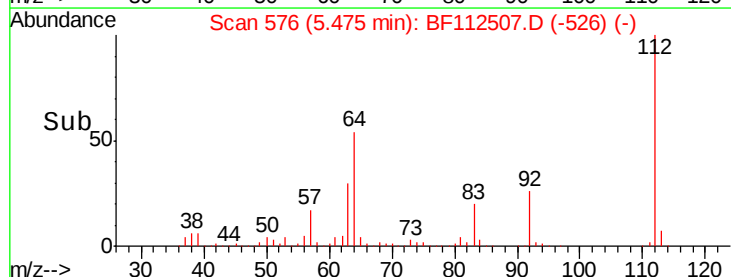
63 29.7 23.6 35.4

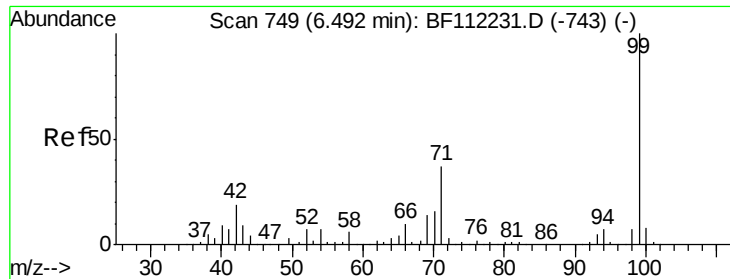


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 126.067 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112507.D

Acq: 12 Feb 2019 12:55

Instrument :

BNA_F

ClientSampleId :

TP-1-S

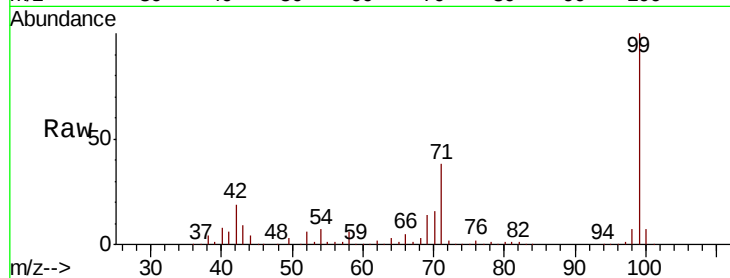
Tgt Ion: 99 Resp: 943550

Ion Ratio Lower Upper

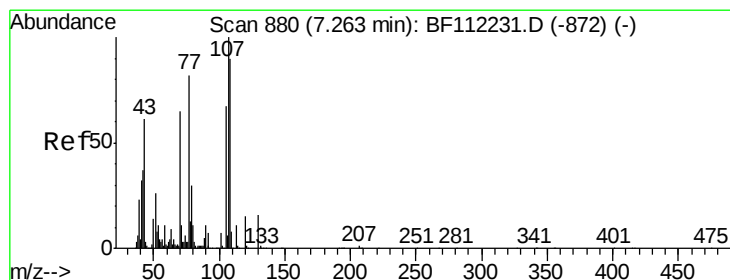
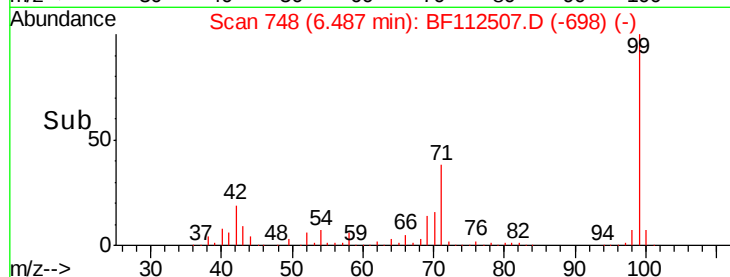
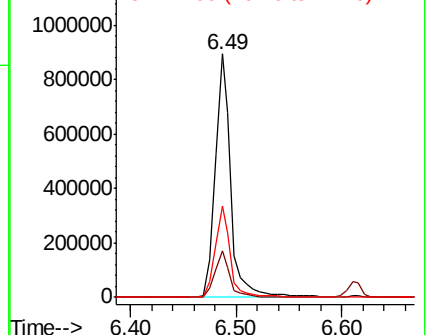
99 100

42 19.1 15.1 22.7

71 37.6 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: 14.921 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.14 min

Lab File: BF112507.D

Acq: 12 Feb 2019 12:55

Tgt Ion: 70 Resp: 77005

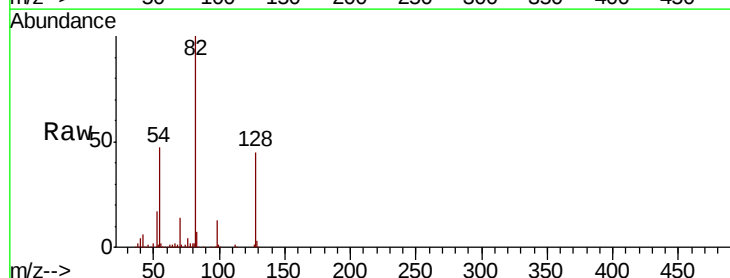
Ion Ratio Lower Upper

70 100

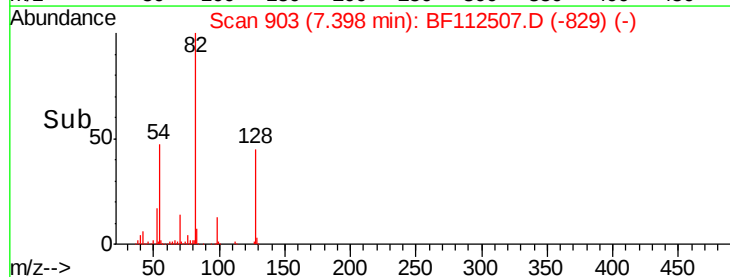
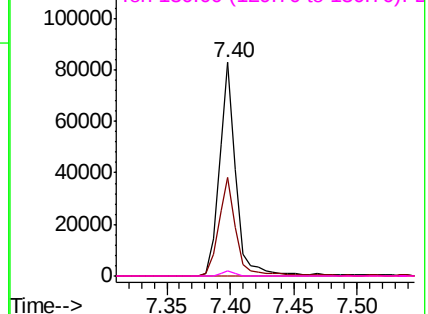
42 46.3 47.6 71.4#

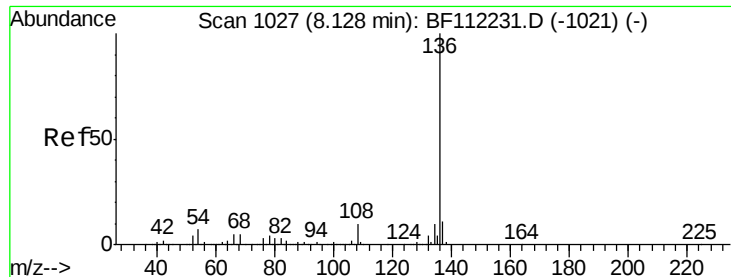
101 0.0 7.9 11.9#

130 2.6 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: BF112507.D

Acq: 12 Feb 2019 12:55

Instrument :

BNA_F

ClientSampleId :

TP-1-S

Tgt Ion:136 Resp: 413393

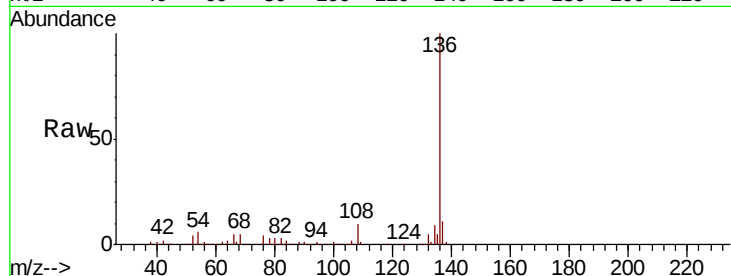
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 5.8 5.9 8.9#

68 4.6 5.1 7.7#

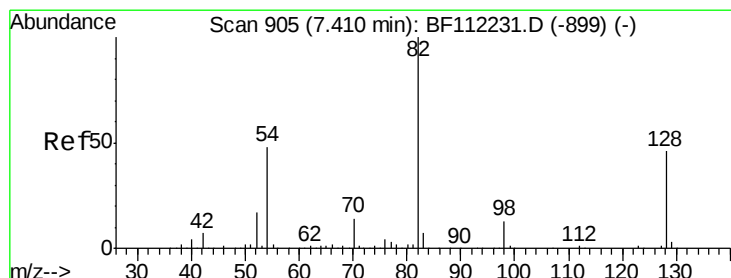
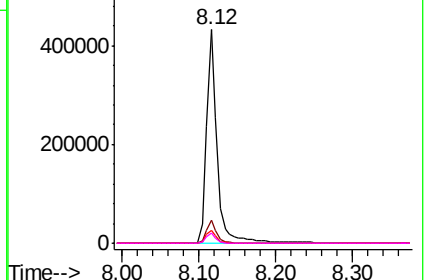
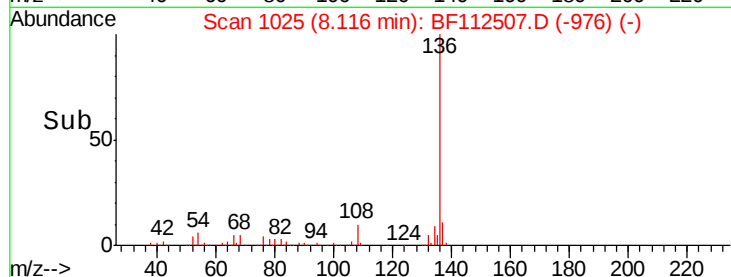


Abundance Ion 136.00 (135.70 to 136.70): E

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: 78.677 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF112507.D

Acq: 12 Feb 2019 12:55

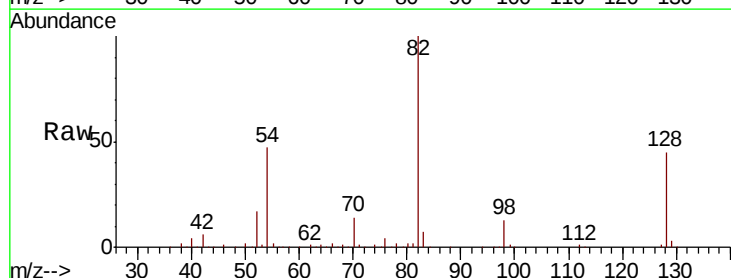
Tgt Ion: 82 Resp: 564470

Ion Ratio Lower Upper

82 100

128 45.5 37.8 56.8

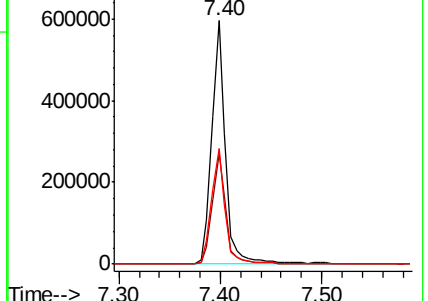
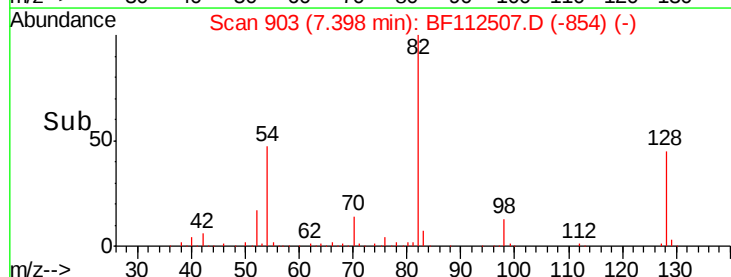
54 47.4 39.7 59.5

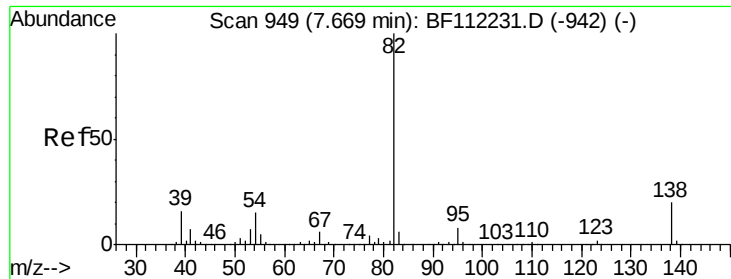


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 50.151 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.27 min

Lab File: BF112507.D

Acq: 12 Feb 2019 12:55

Instrument :

BNA_F

ClientSampleId :

TP-1-S

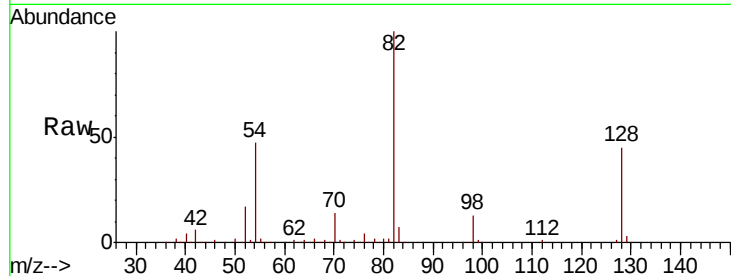
Tgt Ion: 82 Resp: 564465

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

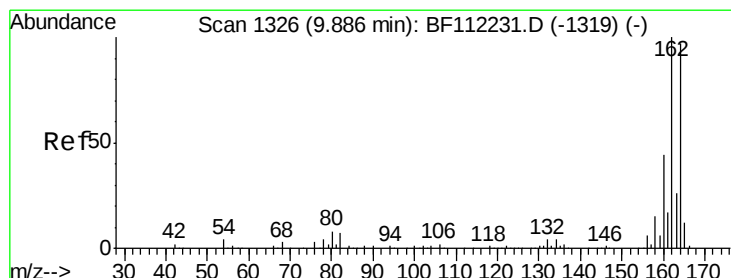
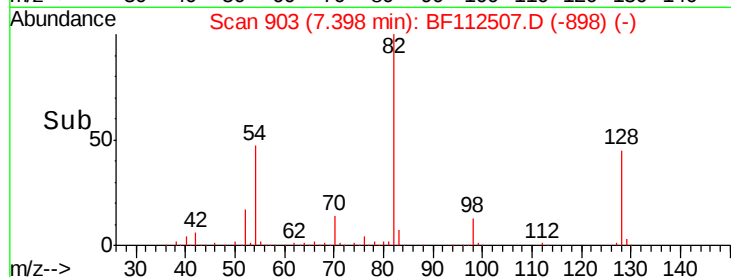
7.40

400000

200000

0

Time-->



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112507.D

Acq: 12 Feb 2019 12:55

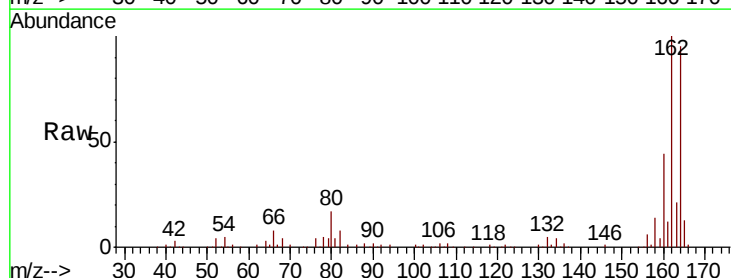
Tgt Ion: 164 Resp: 168602

Ion Ratio Lower Upper

164 100

162 105.6 82.2 123.4

160 46.5 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

9.87

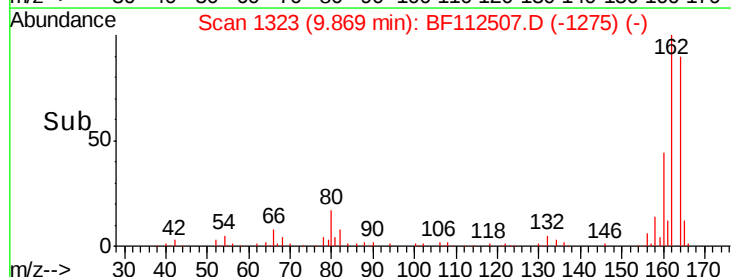
150000

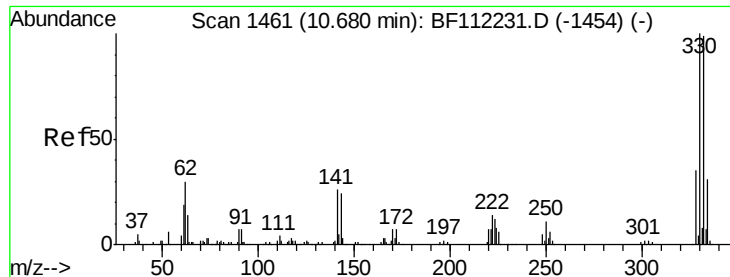
100000

50000

0

Time-->





#42

2,4,6-Tribromophenol

Concen: 104.759 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112507.D

Acq: 12 Feb 2019 12:55

Instrument :

BNA_F

ClientSampled :

TP-1-S

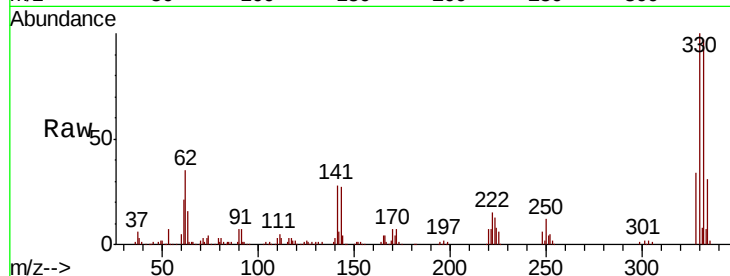
Tgt Ion:330 Resp: 205588

Ion Ratio Lower Upper

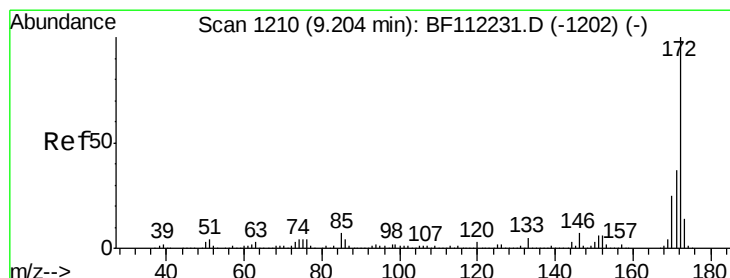
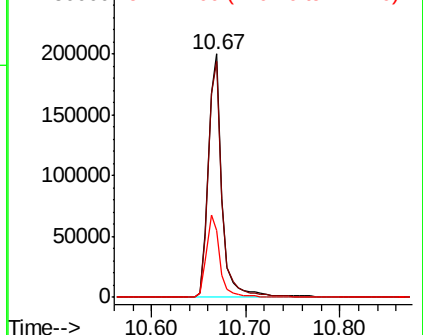
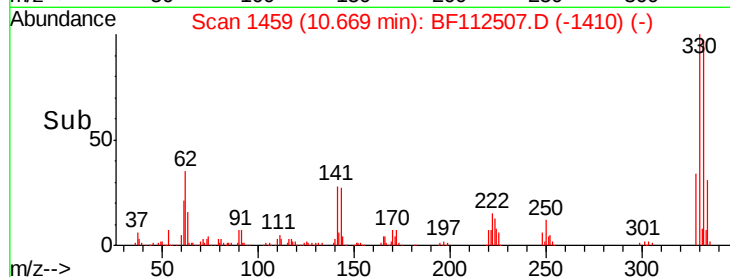
330 100

332 97.7 76.6 114.8

141 33.8 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: 85.829 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF112507.D

Acq: 12 Feb 2019 12:55

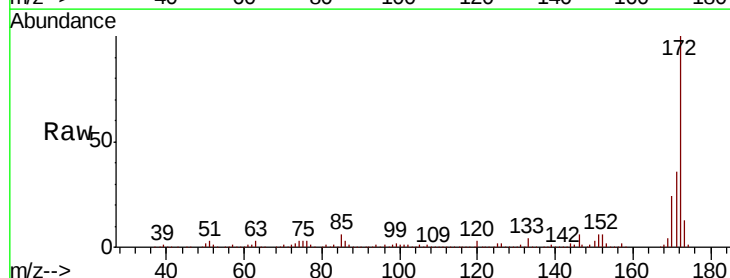
Tgt Ion:172 Resp: 1023164

Ion Ratio Lower Upper

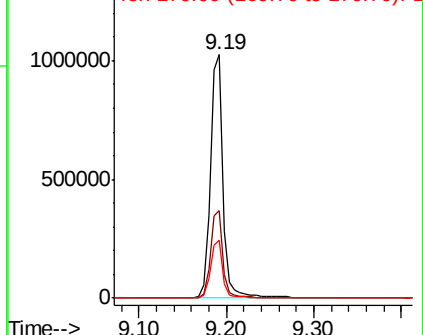
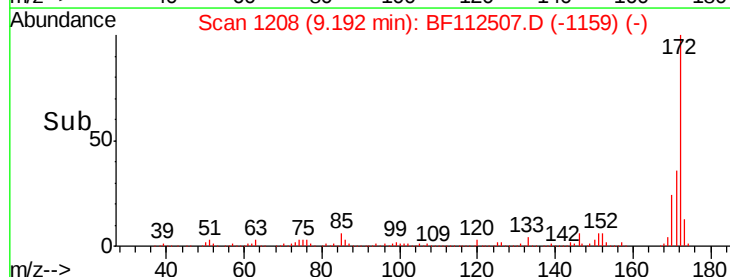
172 100

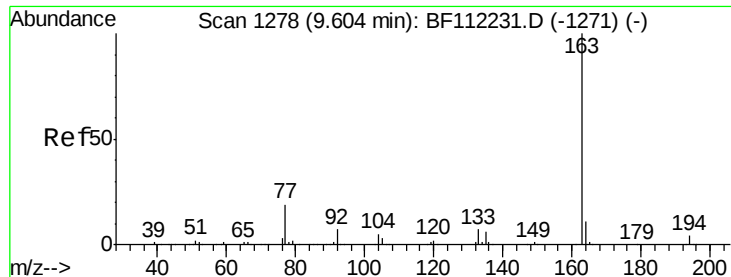
171 36.2 30.5 45.7

170 23.8 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

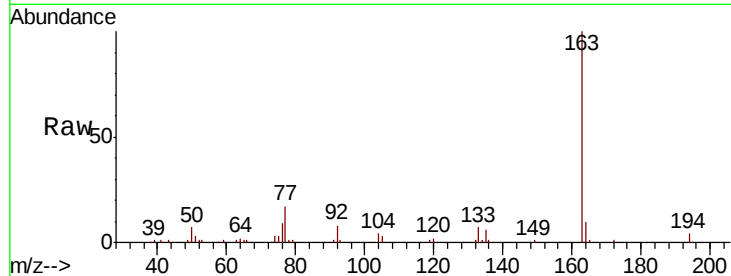




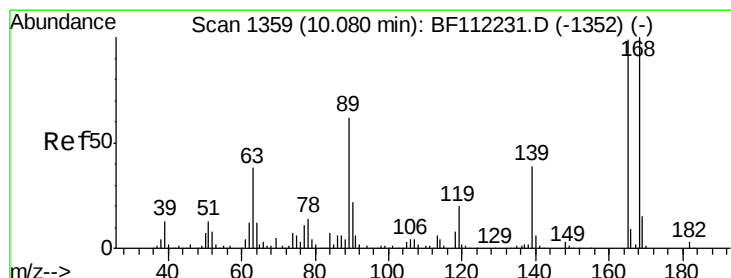
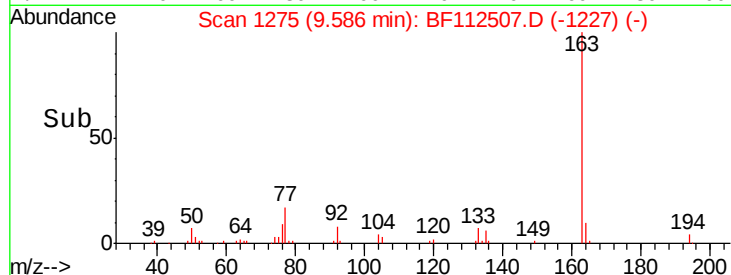
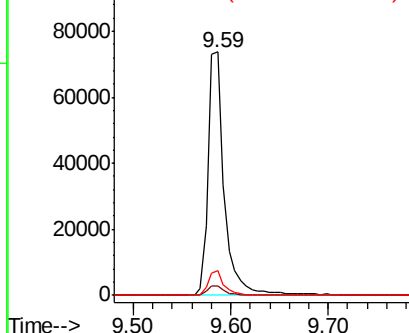
#50
Dimethylphthalate
Concen: 6.505 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BF112507.D
Acq: 12 Feb 2019 12:55

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:163 Resp: 85219
Ion Ratio Lower Upper
163 100
194 3.7 3.3 4.9
164 10.3 8.5 12.7

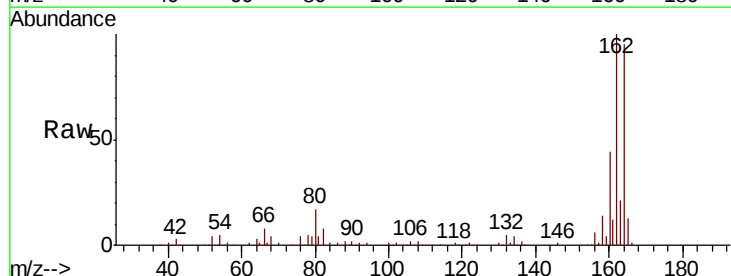


Abundance Ion 163.00 (162.70 to 163.70): E
100000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

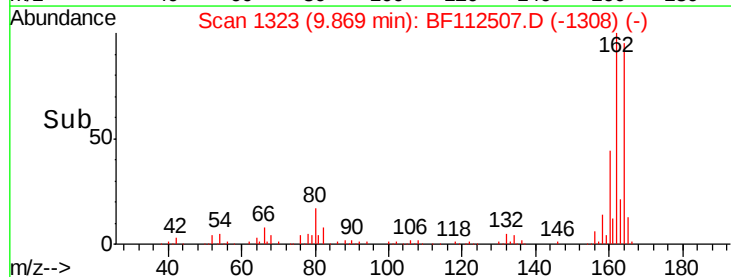
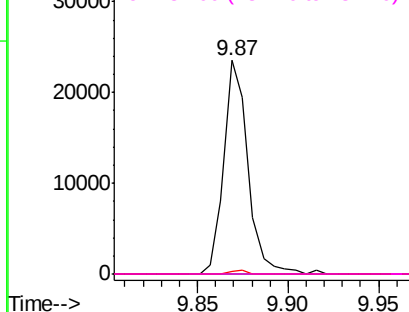


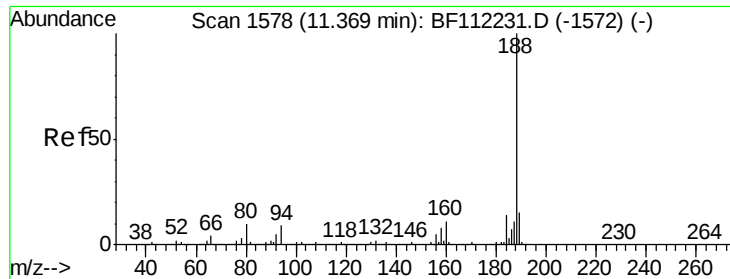
#57
2,4-Dinitrotoluene
Concen: 5.852 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF112507.D
Acq: 12 Feb 2019 12:55

Tgt Ion:165 Resp: 21858
Ion Ratio Lower Upper
165 100
63 0.0 27.9 41.9#
89 1.5 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

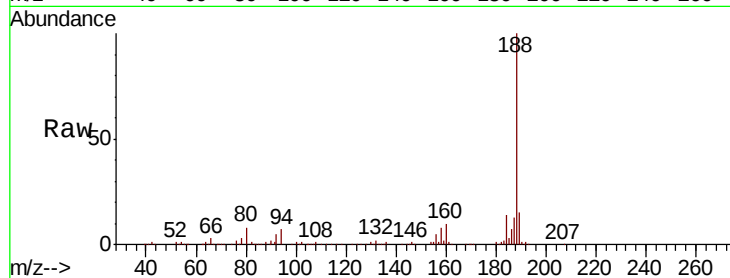




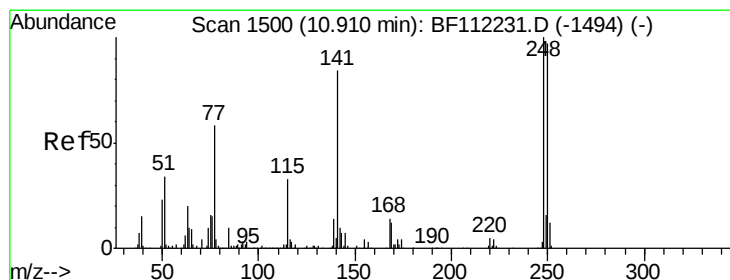
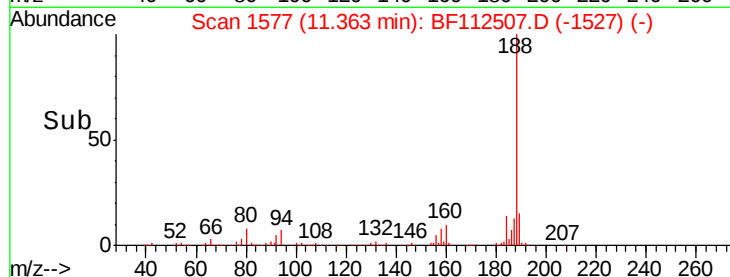
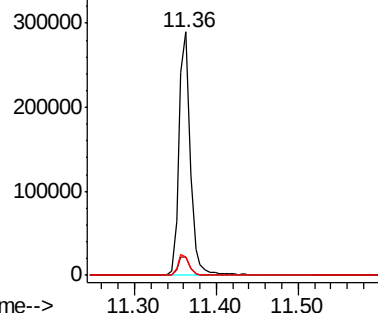
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.01 min
Lab File: BF112507.D
Acq: 12 Feb 2019 12:55

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion:188 Resp: 280387
Ion Ratio Lower Upper
188 100
94 7.5 8.2 12.2#
80 7.7 8.9 13.3#

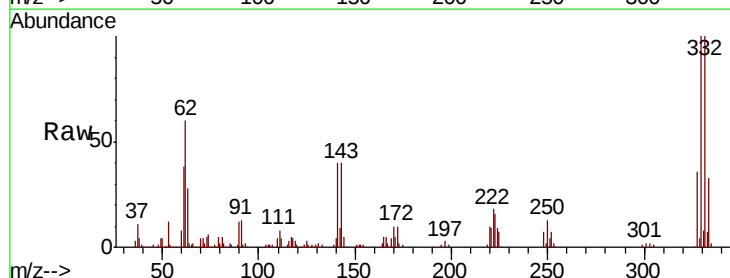


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

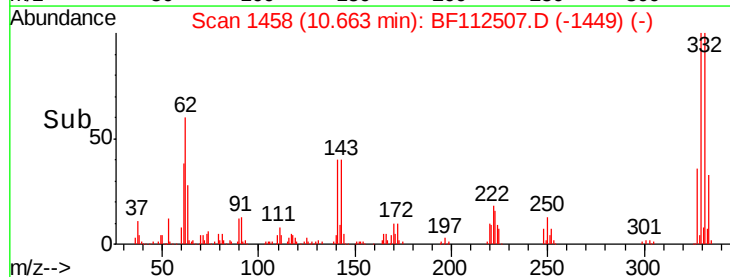
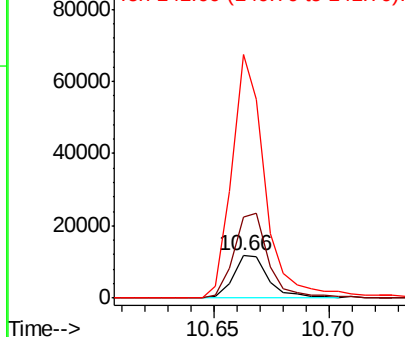


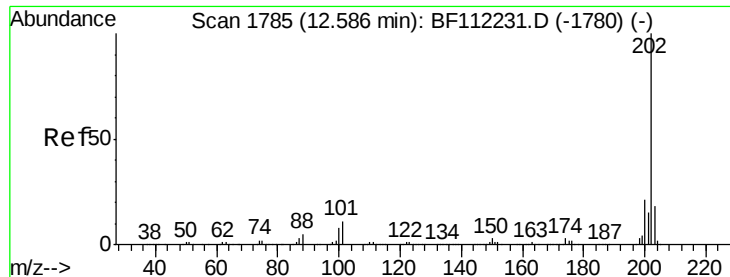
#67
4-Bromophenyl-phenylether
Concen: 3.794 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.25 min
Lab File: BF112507.D
Acq: 12 Feb 2019 12:55

Tgt Ion:248 Resp: 12512
Ion Ratio Lower Upper
248 100
250 190.7 79.7 119.5#
141 577.0 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

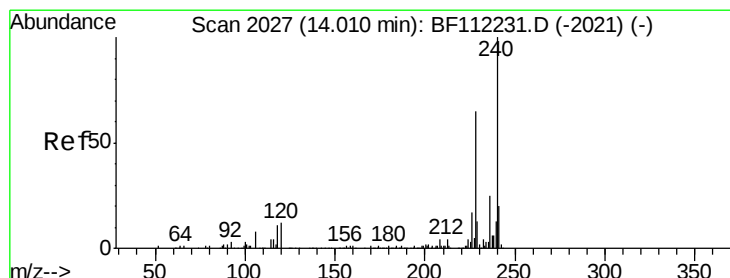
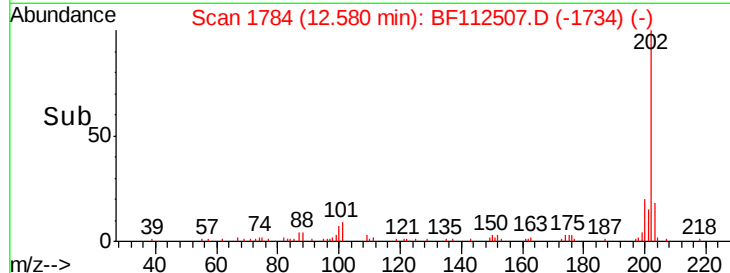
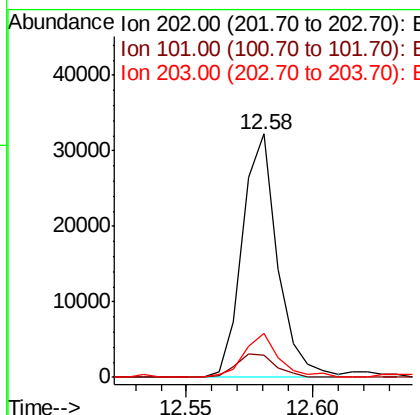
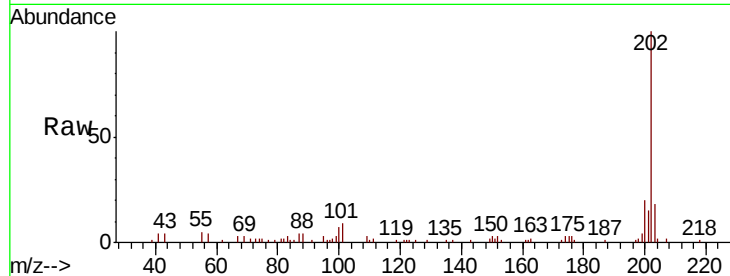




#75
Fluoranthene
Concen: 2.001 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF112507.D
Acq: 12 Feb 2019 12:55

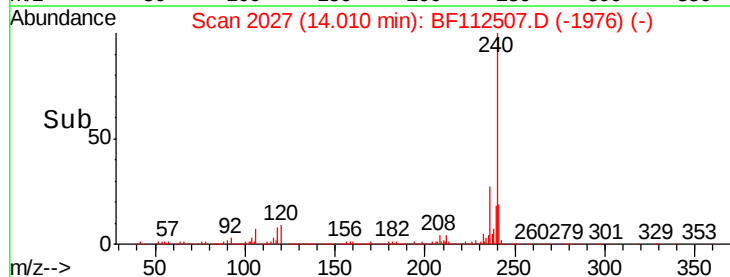
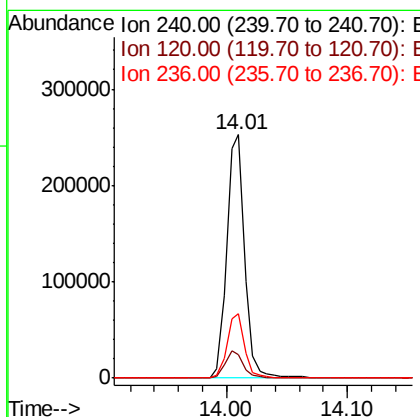
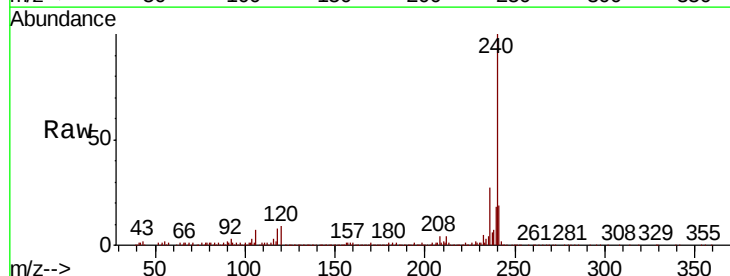
Instrument :
BNA_F
ClientSampleId :
TP-1-S

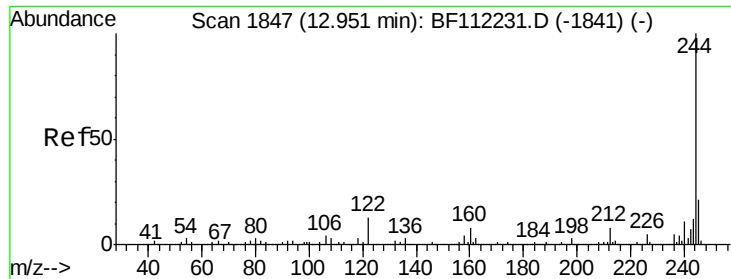
Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	0.0	31.8
203	18.0	0.0	38.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF112507.D
Acq: 12 Feb 2019 12:55

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	9.0	13.6
236	26.5	20.7	31.1

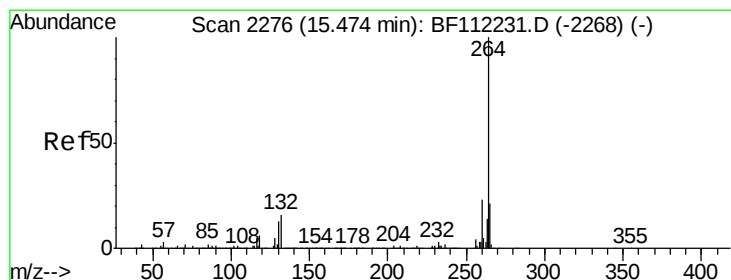
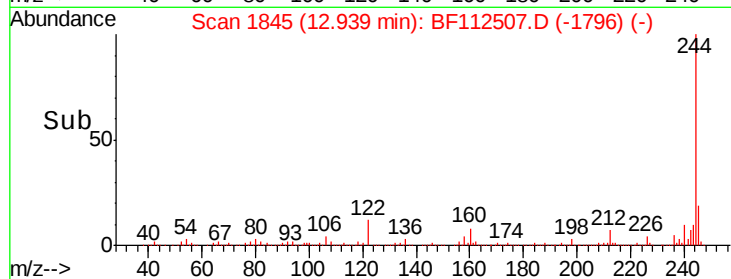
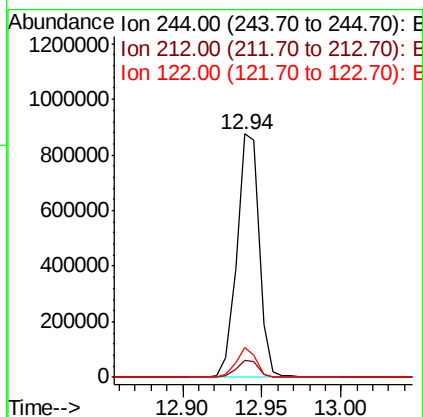
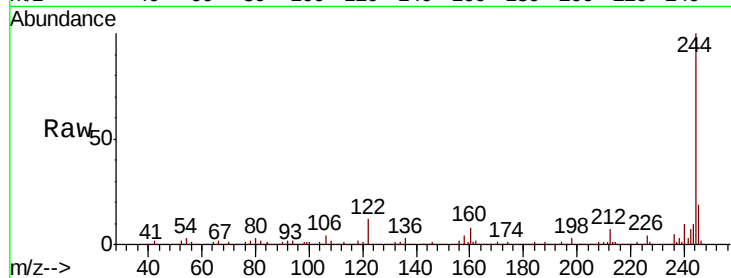




#79
 Terphenyl-d14
 Concen: 62.358 ng
 RT: 12.94 min Scan# 1845
 Delta R.T. -0.01 min
 Lab File: BF112507.D
 Acq: 12 Feb 2019 12:55

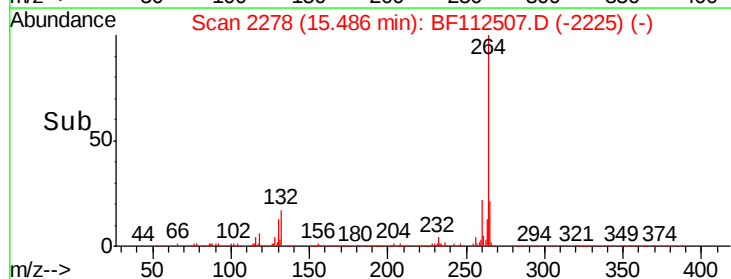
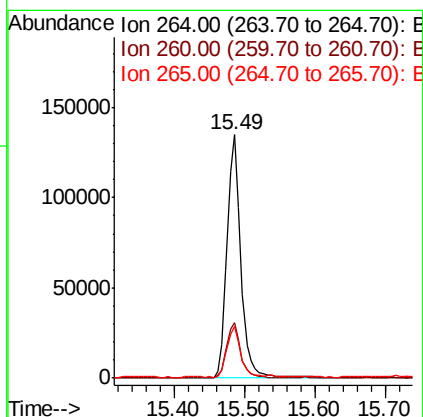
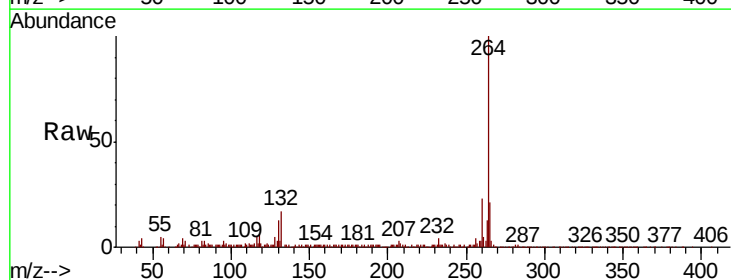
Instrument :
 BNA_F
 ClientSampleId :
 TP-1-S

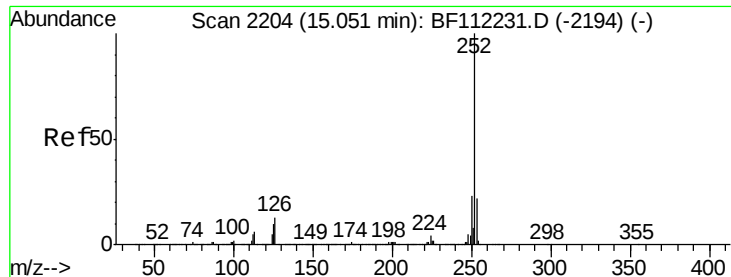
Tgt Ion:244 Resp: 857867
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 12.3 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. 0.01 min
 Lab File: BF112507.D
 Acq: 12 Feb 2019 12:55

Tgt Ion:264 Resp: 185842
 Ion Ratio Lower Upper
 264 100
 260 22.5 18.2 27.2
 265 21.1 17.0 25.4

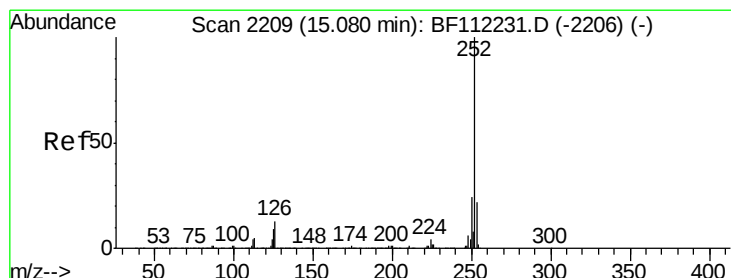
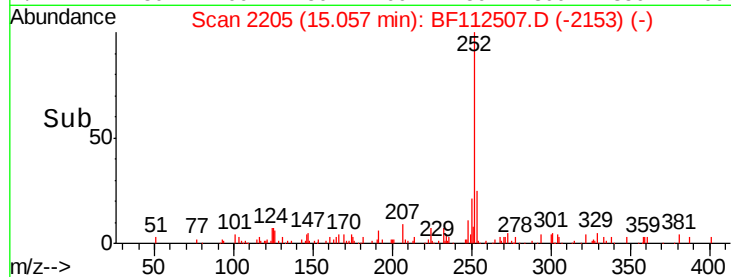
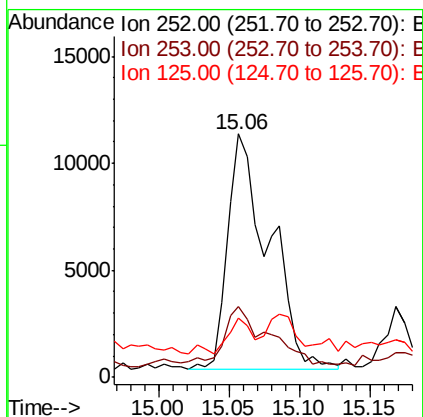
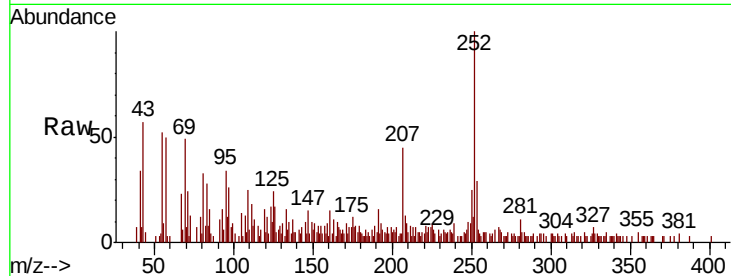




#88
Benzo(b)fluoranthene
Concen: 2.024 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF112507.D
Acq: 12 Feb 2019 12:55

Instrument :
BNA_F
ClientSampleId :
TP-1-S

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.2	18.0	27.0#
125	24.1	8.7	13.1#



#89
Benzo(k)fluoranthene
Concen: 2.113 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.02 min
Lab File: BF112507.D
Acq: 12 Feb 2019 12:55

Tgt Ion	Ratio	Lower	Upper
252	100		
253	29.2	18.0	27.0#
125	24.1	9.1	13.7#

