

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022519\
 Data File : BF112708.D
 Acq On : 25 Feb 2019 22:51
 Operator : JU/SJ
 Sample : K1595-02RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-CBF-B10RE

Quant Time: Feb 26 00:09:17 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

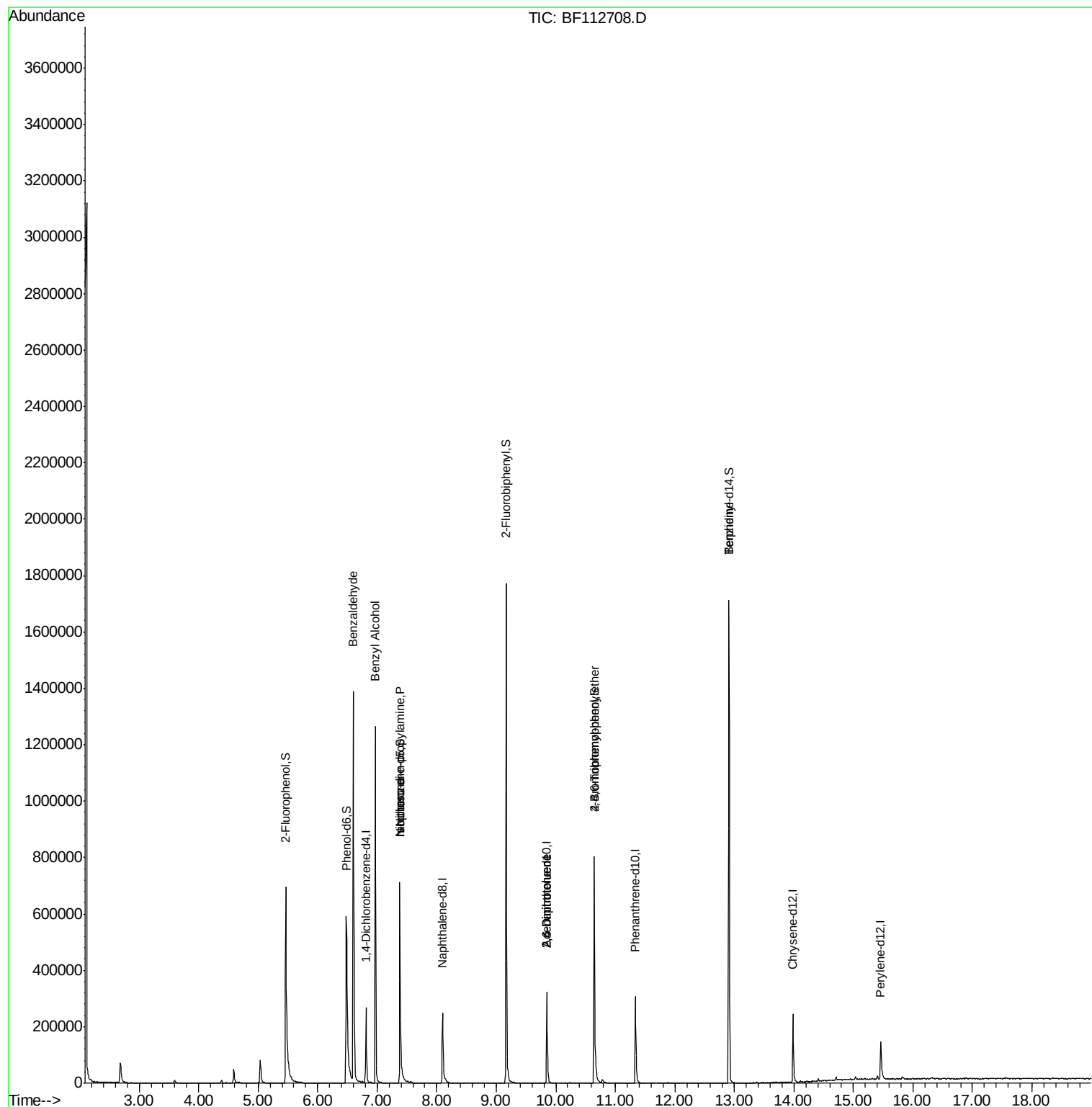
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	44411	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	169252	20.00	ng	-0.03
39) Acenaphthene-d10	9.85	164	79334	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	141366	20.00	ng	-0.03
76) Chrysene-d12	13.99	240	106521	20.00	ng	-0.02
87) Perylene-d12	15.46	264	86109	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	320941	153.50	ng	-0.02
7) Phenol-d6	6.48	99	348633	120.00	ng	-0.01
23) Nitrobenzene-d5	7.38	82	301037	102.48	ng	-0.03
42) 2,4,6-Tribromophenol	10.65	330	125514	135.92	ng	-0.04
45) 2-Fluorobiphenyl	9.17	172	590467	105.27	ng	-0.04
79) Terphenyl-d14	12.91	244	570868	100.94	ng	-0.04
Target Compounds						
9) Benzaldehyde	6.60	77	10003	6.587	ng	# 78
15) Benzyl Alcohol	6.97	79	5048	2.061	ng	# 45
19) n-Nitroso-di-n-propylamine	7.38	70	39172	19.553	ng	# 79
25) Isophorone	7.38	82	301037	65.327	ng	# 63
51) 2,6-Dinitrotoluene	9.85	165	10068	7.293	ng	# 32
57) 2,4-Dinitrotoluene	9.85	165	10068	5.729	ng	# 30
67) 4-Bromophenyl-phenylether	10.65	248	7021	4.223	ng	# 1
77) Benzidine	12.91	184	7992	2.726	ng	98

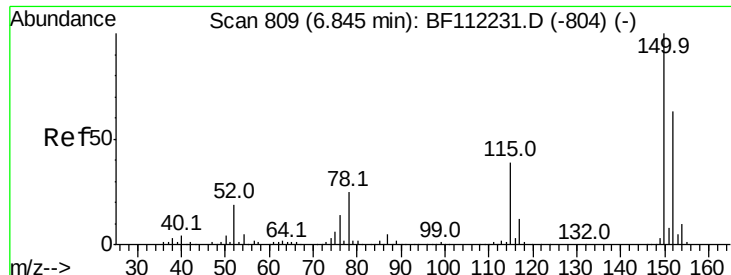
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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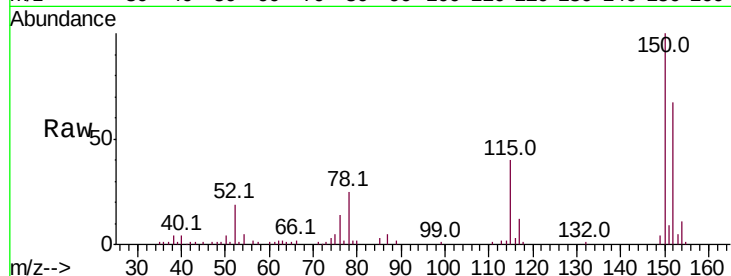


#1

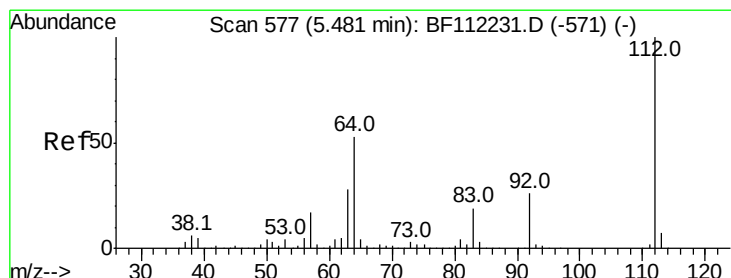
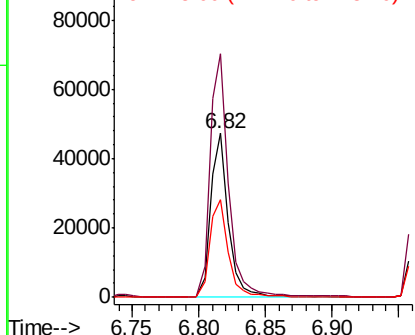
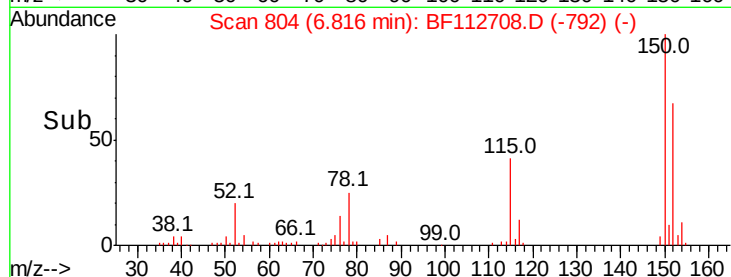
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF112708.D
Acq: 25 Feb 2019 22:51

Instrument :
BNA_F
ClientSampleId :
TP-CBF-B10RE

Tot Ion:152 Resp: 44411
Ion Ratio Lower Upper
152 100
150 148.6 127.4 191.0
115 59.6 45.5 68.3



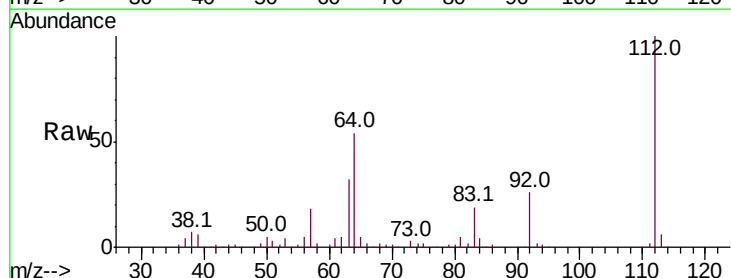
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



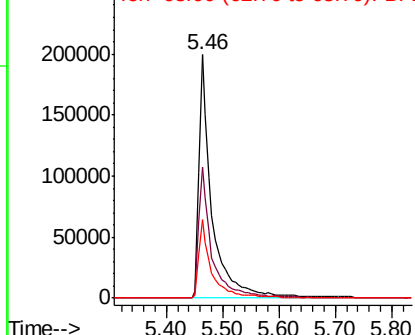
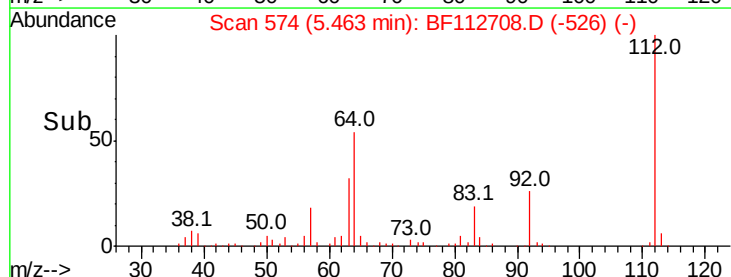
#5

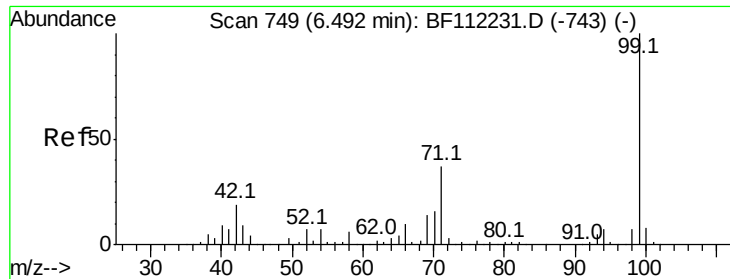
2-Fluorophenol
Concen: 153.498 ng
RT: 5.46 min Scan# 574
Delta R.T. -0.02 min
Lab File: BF112708.D
Acq: 25 Feb 2019 22:51

Tgt Ion:112 Resp: 320941
Ion Ratio Lower Upper
112 100
64 53.8 45.7 68.5
63 32.1 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: 119.997 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF112708.D

Acq: 25 Feb 2019 22:51

Instrument :

BNA_F

ClientSampleId :

TP-CBF-B10RE

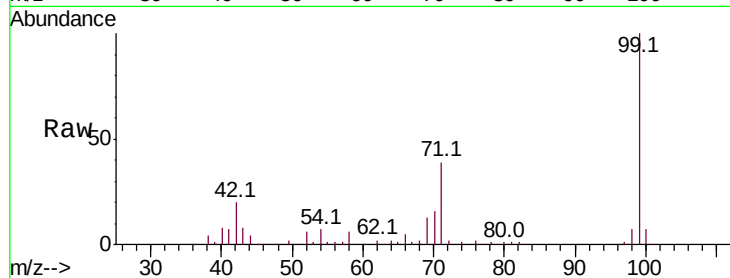
Tot Ion: 99 Resp: 348633

Ion Ratio Lower Upper

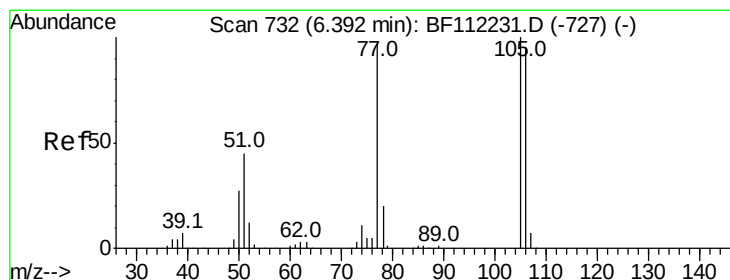
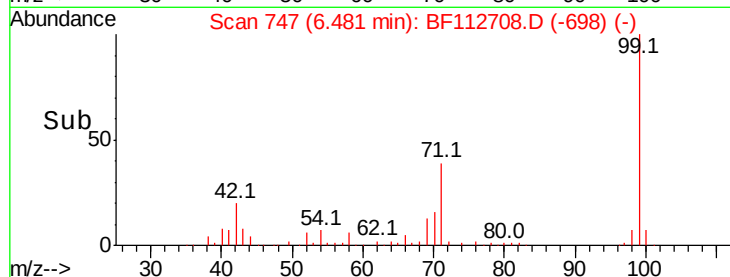
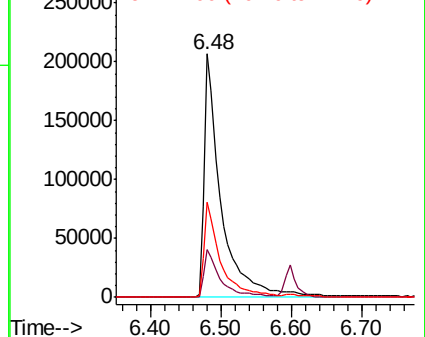
99 100

42 19.7 15.1 22.7

71 39.0 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



#9

Benzaldehyde

Concen: 6.587 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.21 min

Lab File: BF112708.D

Acq: 25 Feb 2019 22:51

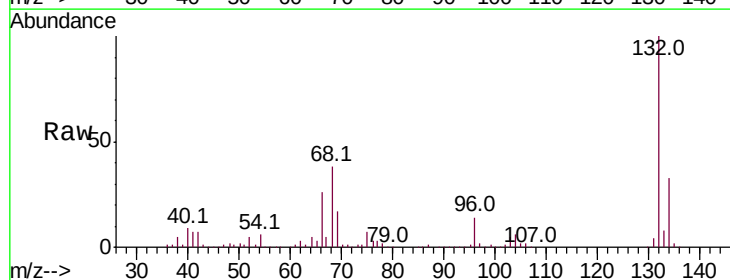
Tgt Ion: 77 Resp: 10003

Ion Ratio Lower Upper

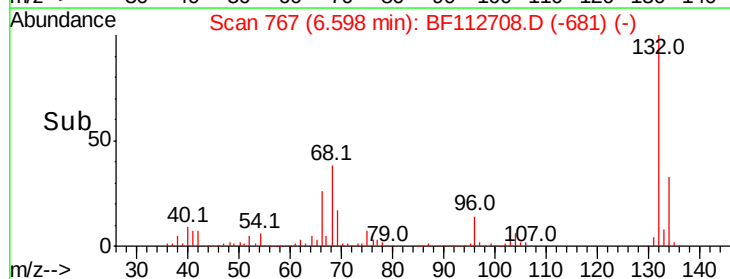
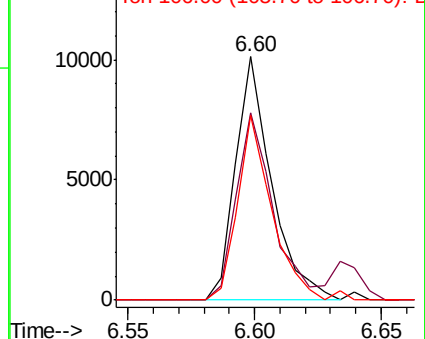
77 100

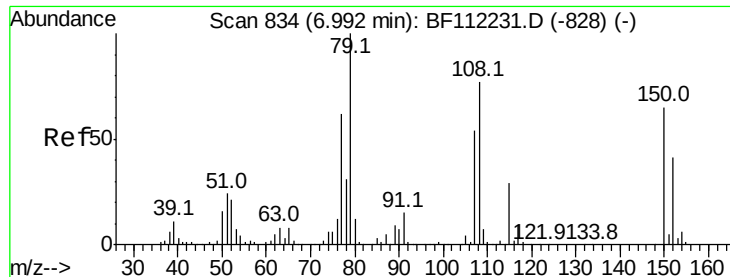
105 77.2 80.8 120.8#

106 75.7 75.7 115.7



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E

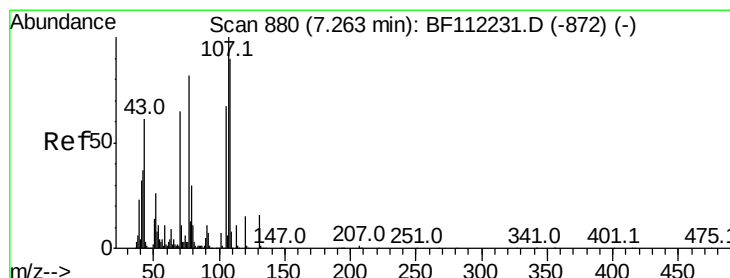
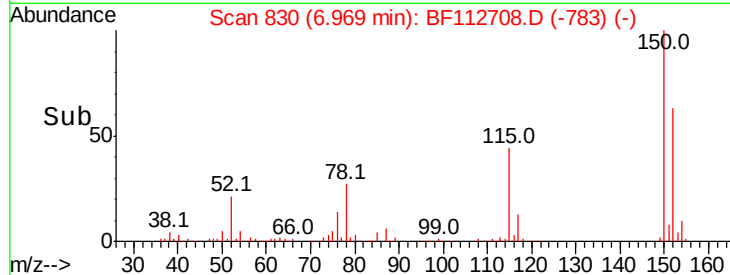
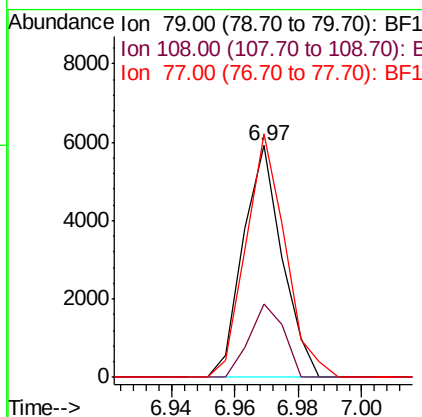
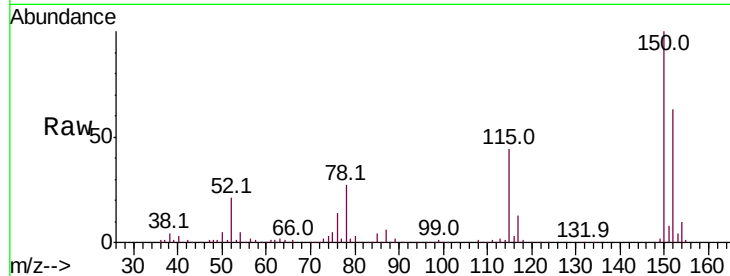




#15
Benzyl Alcohol
Concen: 2.061 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.02 min
Lab File: BF112708.D
Acq: 25 Feb 2019 22:51

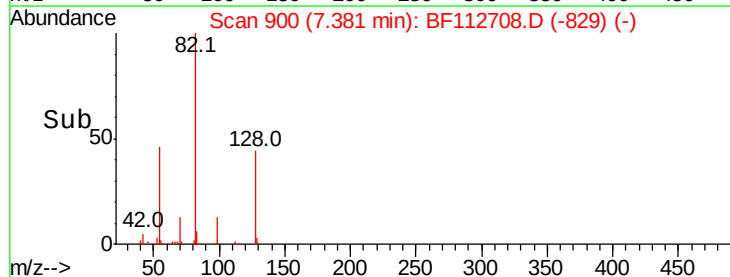
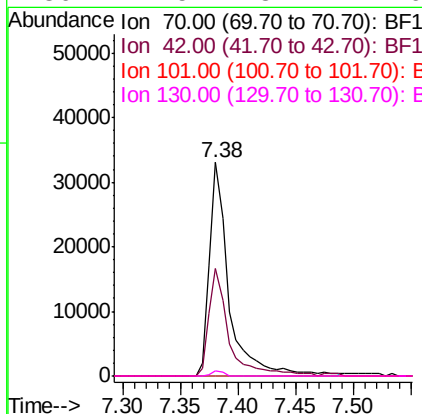
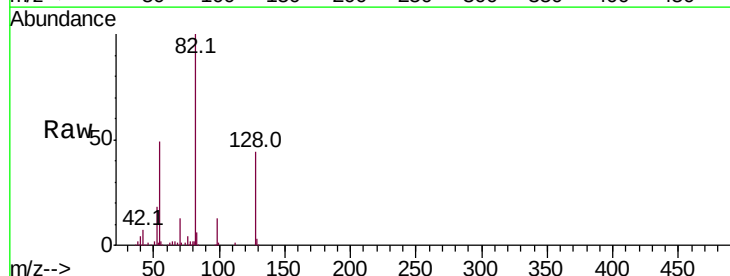
Instrument :
BNA_F
ClientSampleId :
TP-CBF-B10RE

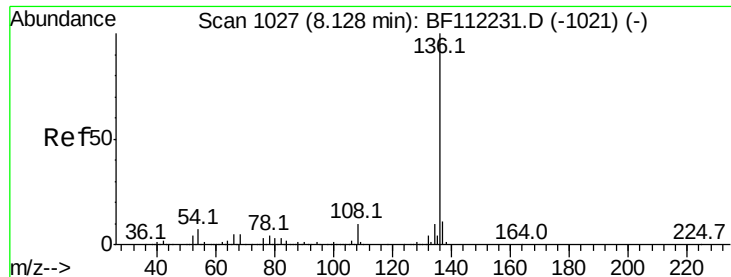
Tot Ion: 79 Resp: 5048
Ion Ratio Lower Upper
79 100
108 31.7 64.2 96.2#
77 104.9 50.3 75.5#



#19
n-Nitroso-di-n-propylamine
Concen: 19.553 ng
RT: 7.38 min Scan# 900
Delta R.T. 0.12 min
Lab File: BF112708.D
Acq: 25 Feb 2019 22:51

Tgt Ion: 70 Resp: 39172
Ion Ratio Lower Upper
70 100
42 50.1 47.6 71.4
101 0.0 7.9 11.9#
130 2.5 18.4 27.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1022

Delta R.T. -0.03 min

Lab File: BF112708.D

Acq: 25 Feb 2019 22:51

Instrument :

BNA_F

ClientSampleId :

TP-CBF-B10RE

Tot Ion:136 Resp: 169252

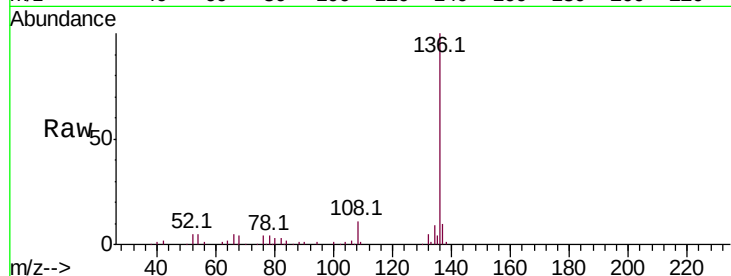
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 5.5 5.9 8.9#

68 4.3 5.1 7.7#

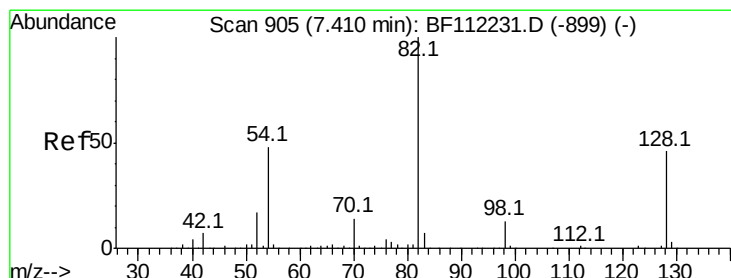
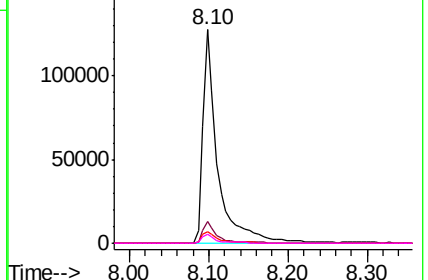
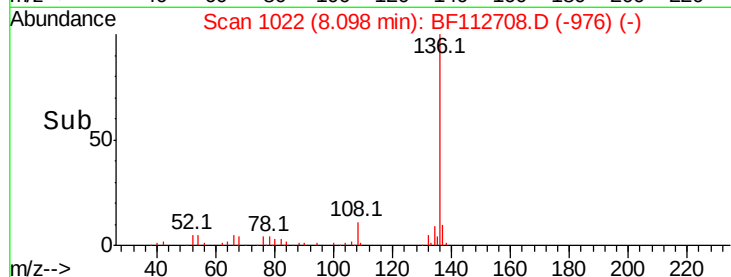


Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.484 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.03 min

Lab File: BF112708.D

Acq: 25 Feb 2019 22:51

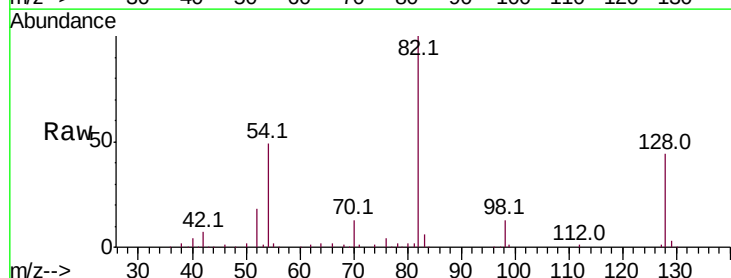
Tgt Ion: 82 Resp: 301037

Ion Ratio Lower Upper

82 100

128 43.8 37.8 56.8

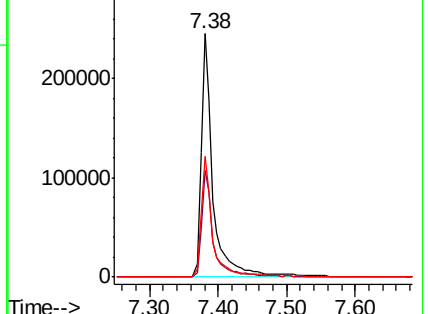
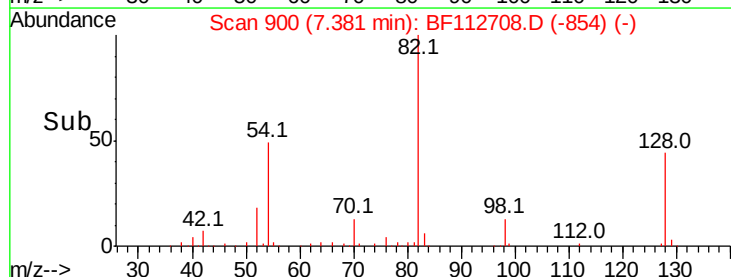
54 49.4 39.7 59.5

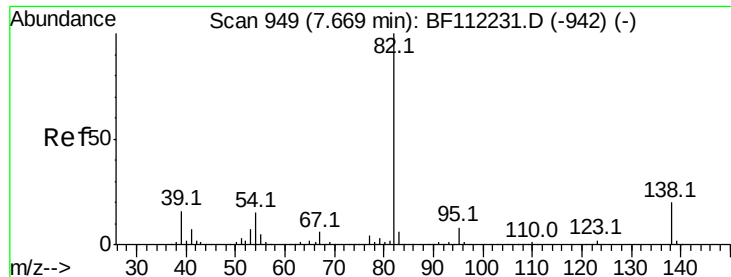


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 65.327 ng

RT: 7.38 min Scan# 900

Delta R.T. -0.29 min

Lab File: BF112708.D

Acq: 25 Feb 2019 22:51

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TP-CBF-B10RE

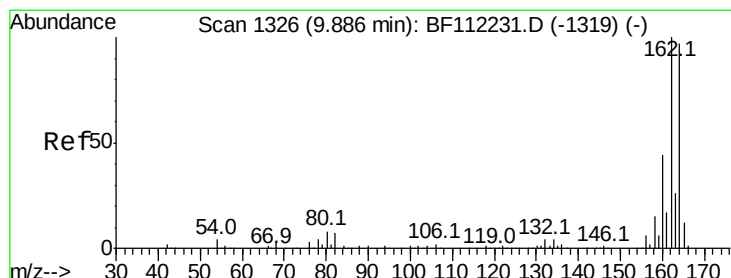
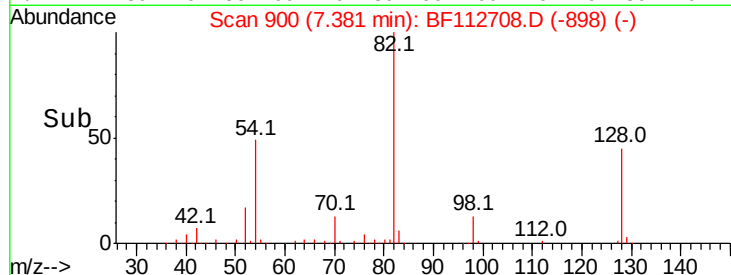
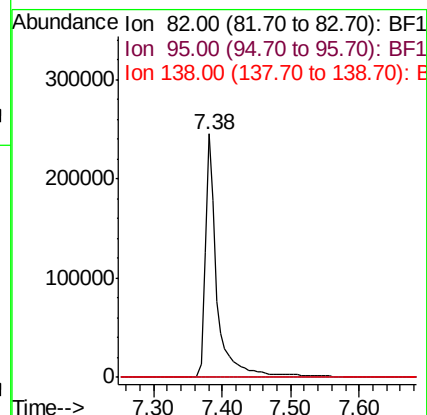
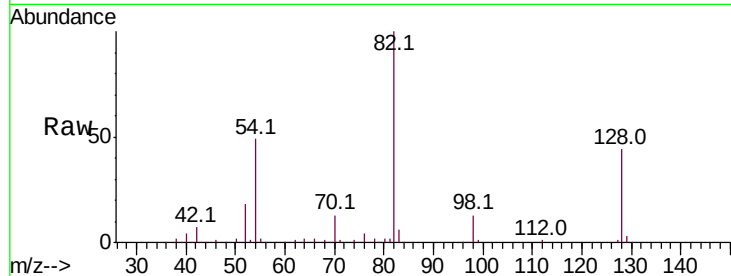
Tot Ion: 82 Resp: 301037

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: 9.85 min Scan# 1320

Delta R.T. -0.04 min

Lab File: BF112708.D

Acq: 25 Feb 2019 22:51

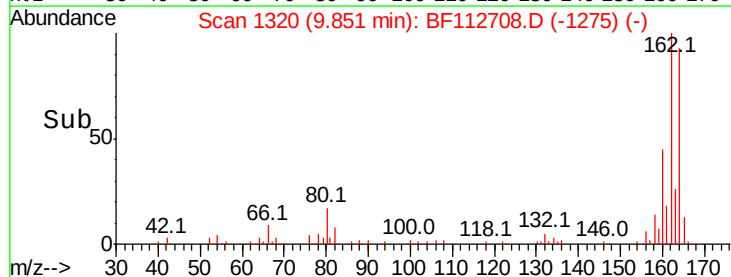
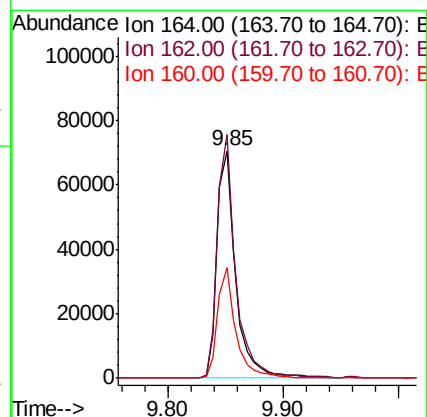
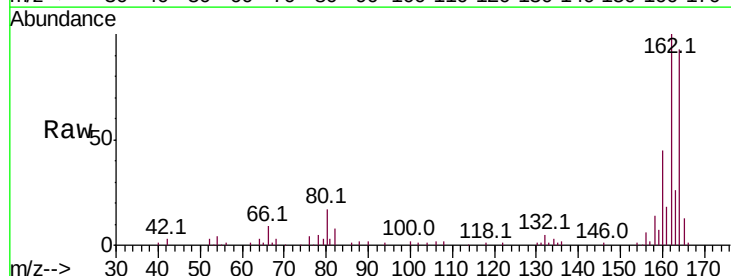
Tgt Ion: 164 Resp: 79334

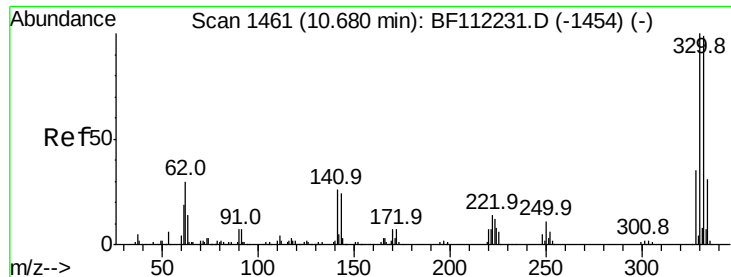
Ion Ratio Lower Upper

164 100

162 107.1 82.2 123.4

160 48.4 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 135.922 ng

RT: 10.65 min Scan# 1455

Delta R.T. -0.04 min

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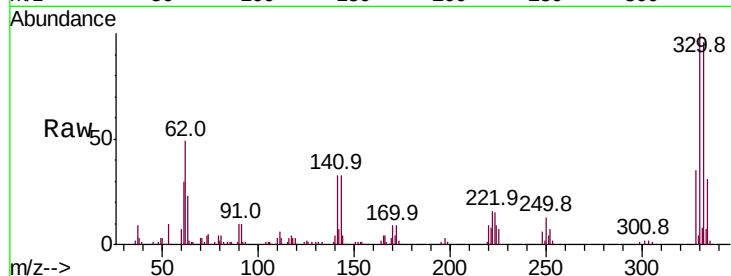
Tot Ion:330 Resp: 125514

Ion Ratio Lower Upper

330 100

332 97.3 76.6 114.8

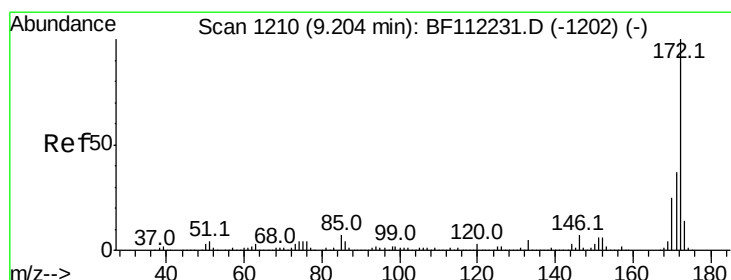
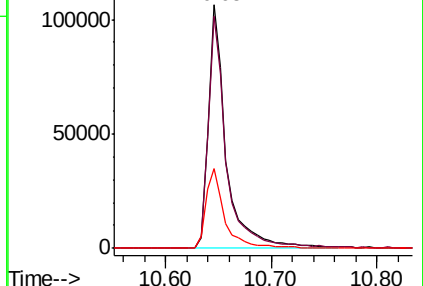
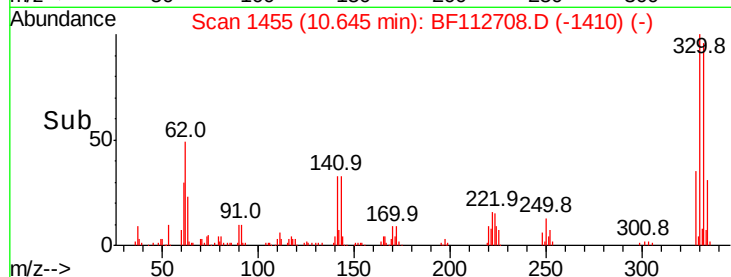
141 34.5 24.3 36.5



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: 105.266 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.04 min

Lab File: BF112708.D

Acq: 25 Feb 2019 22:51

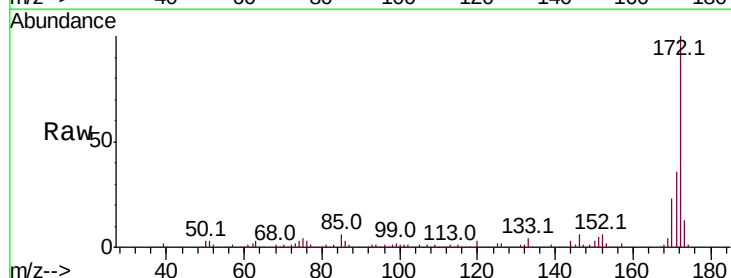
Tgt Ion:172 Resp: 590467

Ion Ratio Lower Upper

172 100

171 36.0 30.5 45.7

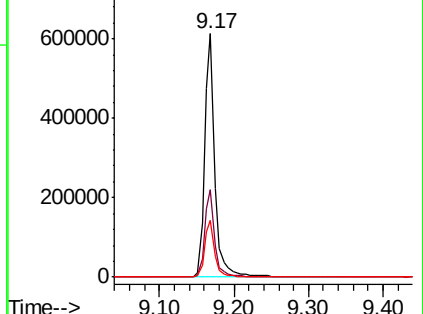
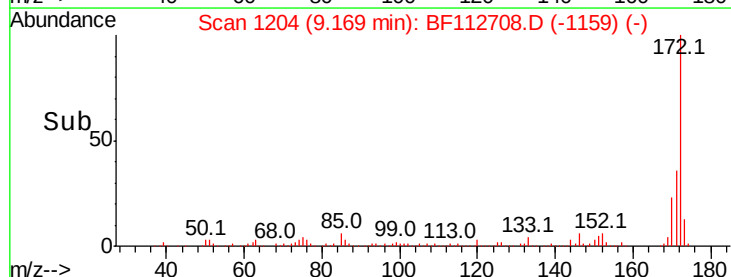
170 23.4 20.2 30.4

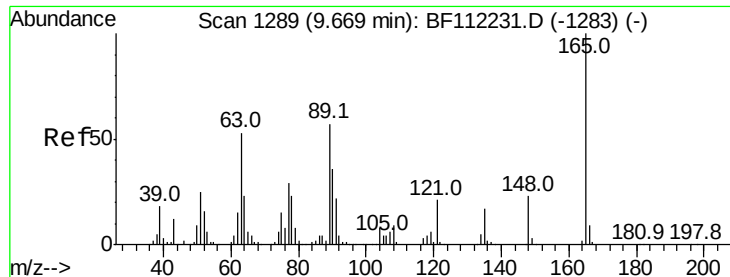


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#51

2,6-Dinitrotoluene

Concen: 7.293 ng

RT: 9.85 min Scan# 1320

Delta R.T. 0.18 min

Lab File: BF112708.D

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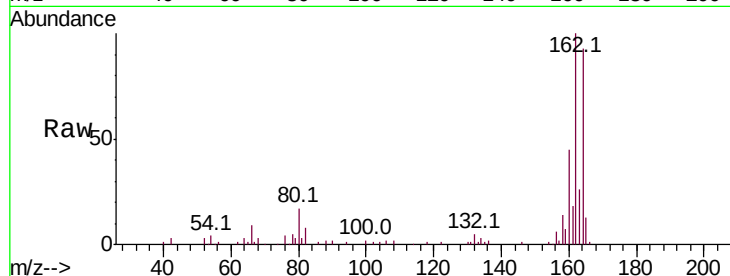
Tot Ion:165 Resp: 10068

Ion Ratio Lower Upper

165 100

63 0.0 33.8 50.8#

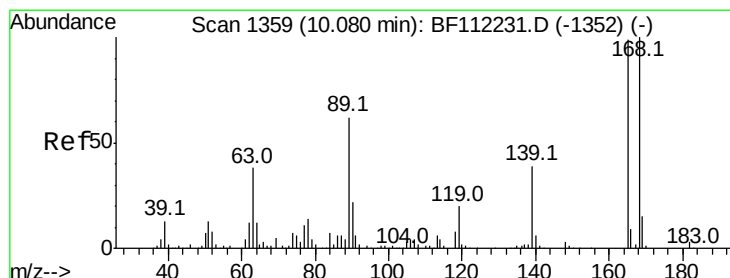
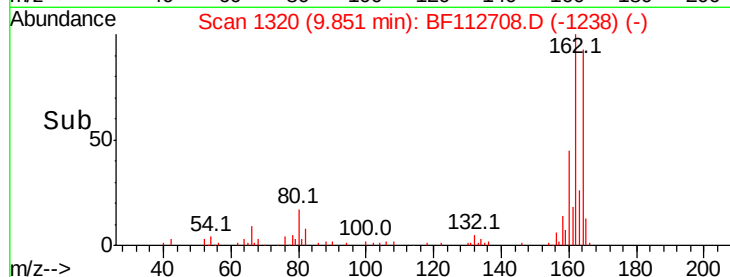
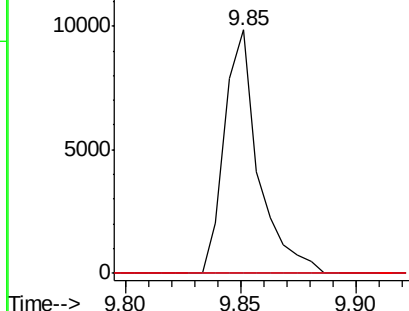
89 0.0 36.9 55.3#



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: 5.729 ng

RT: 9.85 min Scan# 1320

Delta R.T. -0.23 min

Lab File: BF112708.D

Acq: 25 Feb 2019 22:51

Tgt Ion:165 Resp: 10068

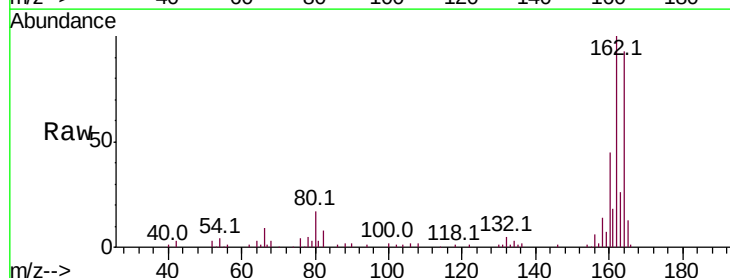
Ion Ratio Lower Upper

165 100

63 0.0 27.9 41.9#

89 0.0 47.9 71.9#

182 0.0 2.2 3.4#

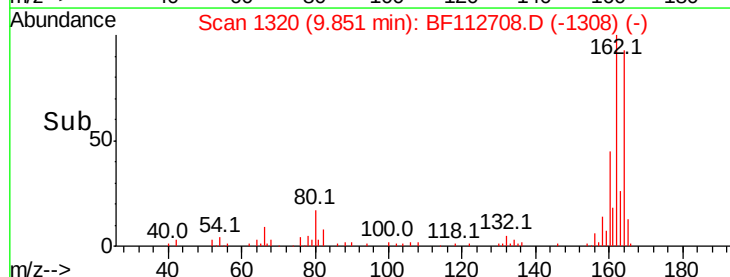
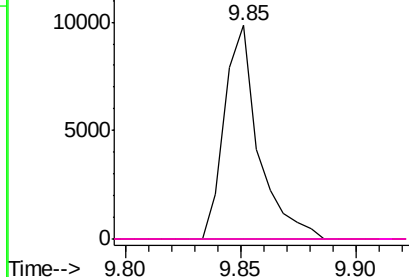


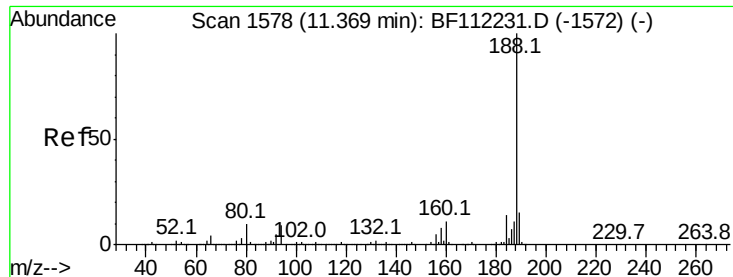
Abundance Ion 165.00 (164.70 to 165.70): E

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

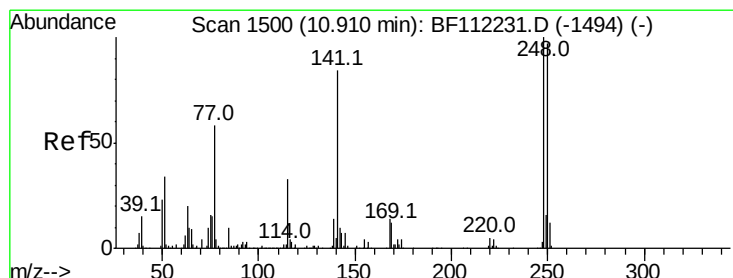
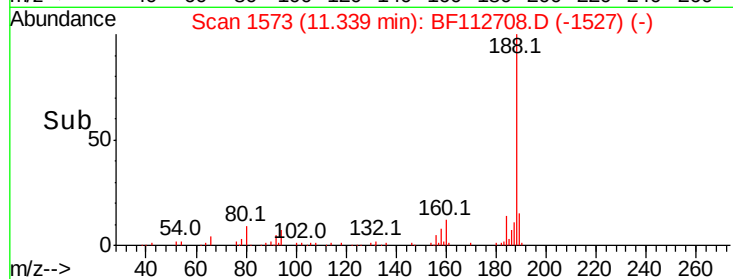
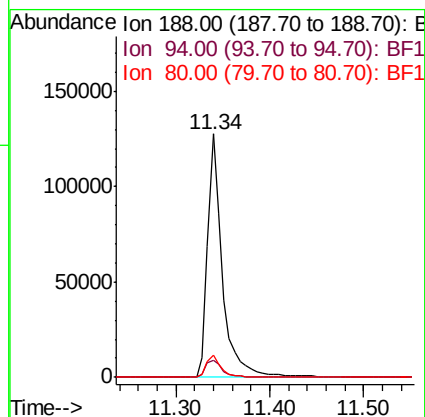
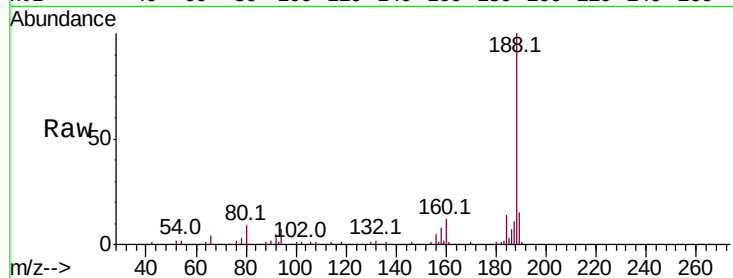




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.34 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BF112708.D
Acq: 25 Feb 2019 22:51

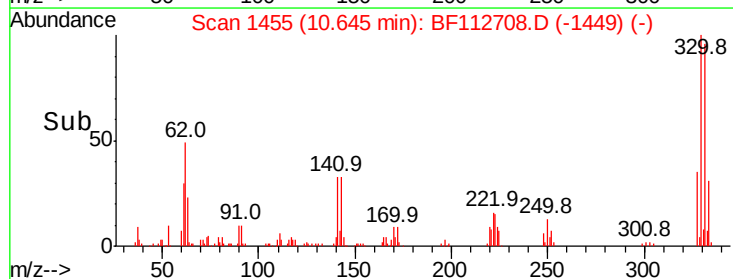
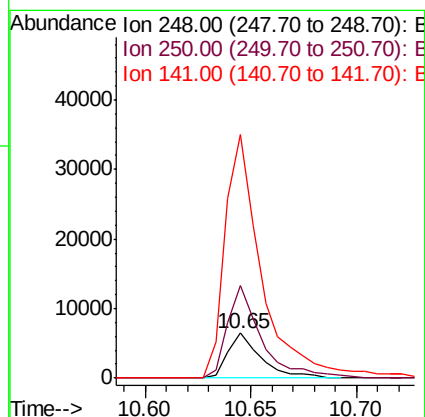
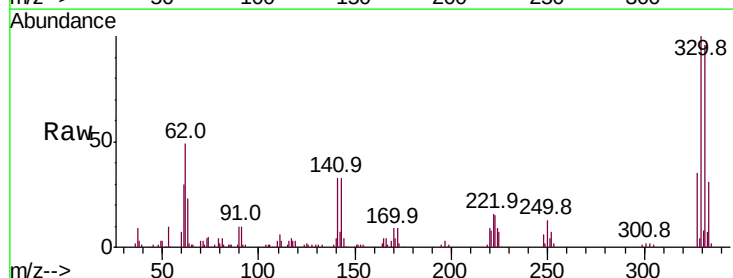
Instrument :
BNA_F
ClientSampleId :
TP-CBF-B10RE

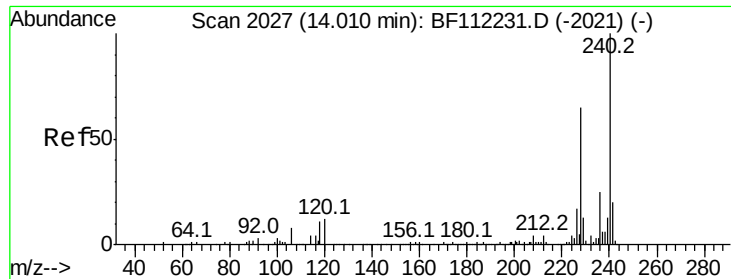
Tot Ion:188 Resp: 141366
Ion Ratio Lower Upper
188 100
94 6.9 8.2 12.2#
80 9.3 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.223 ng
RT: 10.65 min Scan# 1455
Delta R.T. -0.26 min
Lab File: BF112708.D
Acq: 25 Feb 2019 22:51

Tgt Ion:248 Resp: 7021
Ion Ratio Lower Upper
248 100
250 206.4 79.7 119.5#
141 541.2 60.3 90.5#

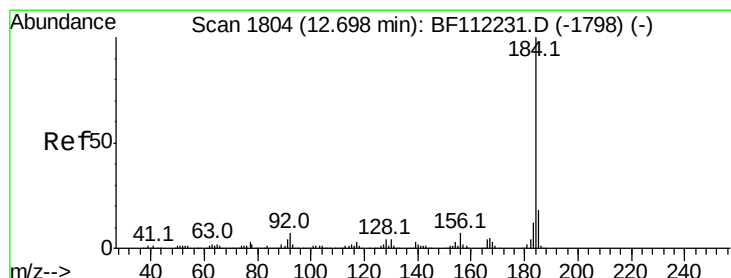
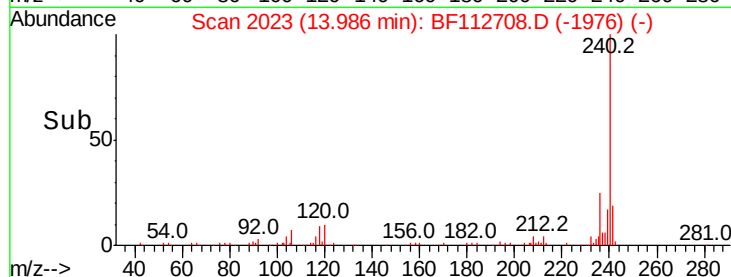
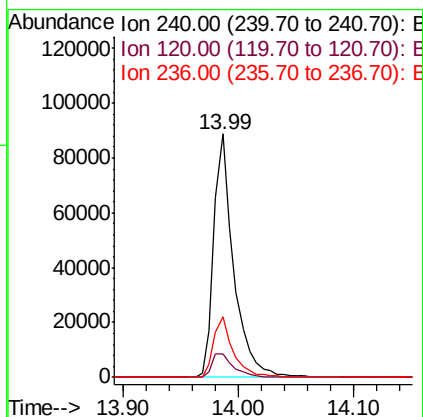
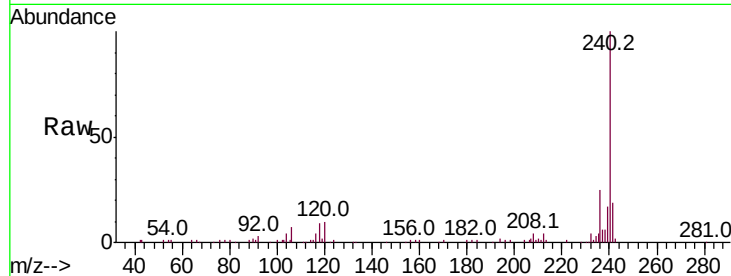




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. -0.02 min
 Lab File: BF112708.D
 Acq: 25 Feb 2019 22:51

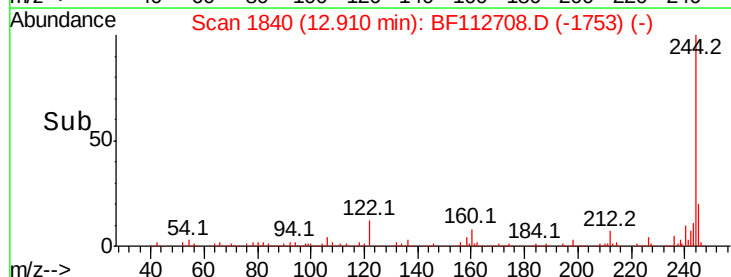
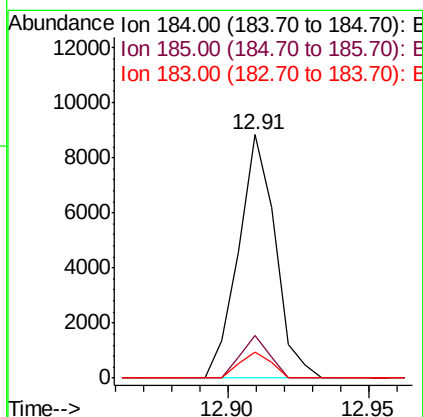
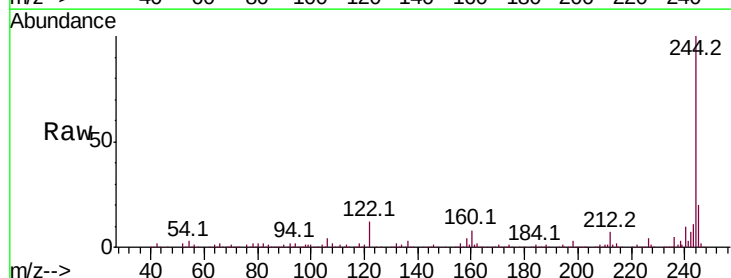
Instrument :
 BNA_F
 ClientSampleId :
 TP-CBF-B10RE

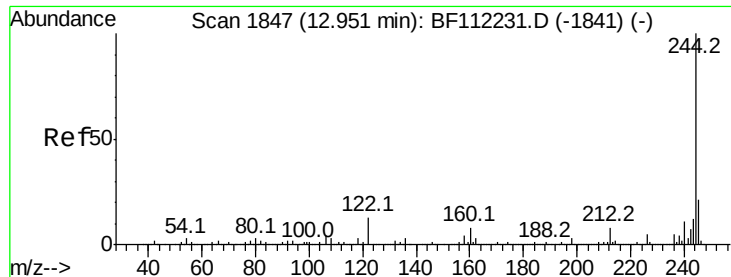
Tot Ion:240 Resp: 106521
 Ion Ratio Lower Upper
 240 100
 120 9.7 9.0 13.6
 236 24.9 20.7 31.1



#77
 Benzidine
 Concen: 2.726 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.21 min
 Lab File: BF112708.D
 Acq: 25 Feb 2019 22:51

Tgt Ion:184 Resp: 7992
 Ion Ratio Lower Upper
 184 100
 185 17.3 13.9 20.9
 183 10.9 10.0 15.0

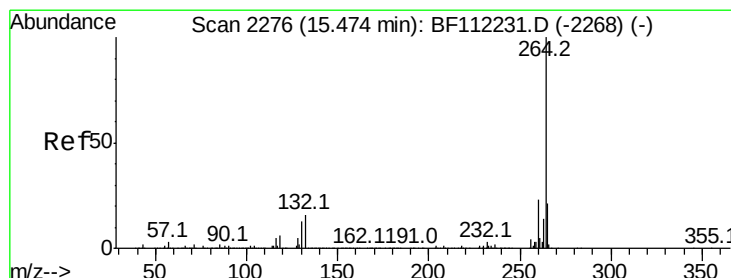
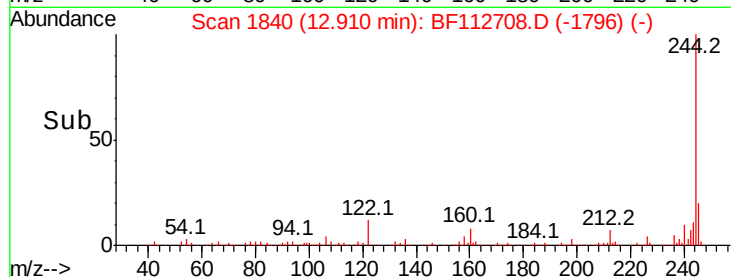
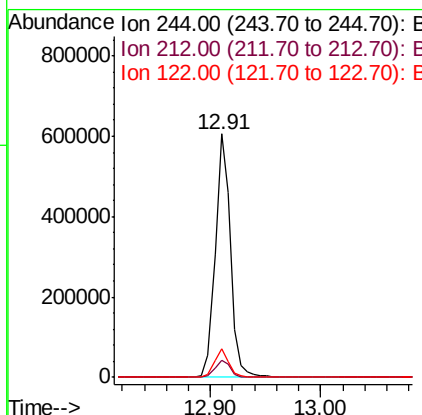
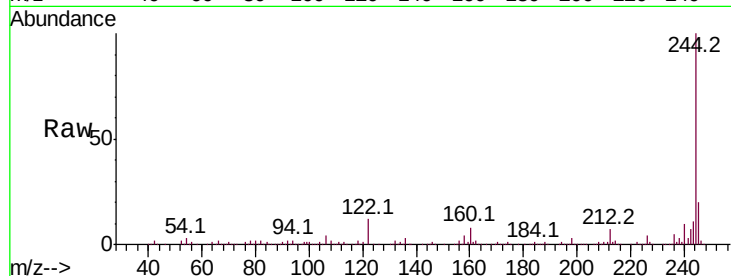




#79
 Terphenyl-d14
 Concen: 100.938 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: BF112708.D
 Acq: 25 Feb 2019 22:51

Instrument :
 BNA_F
 ClientSampleId :
 TP-CBF-B10RE

Tot Ion:244 Resp: 570868
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 11.6 9.8 14.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.46 min Scan# 2273
 Delta R.T. -0.02 min
 Lab File: BF112708.D
 Acq: 25 Feb 2019 22:51

Tgt Ion:264 Resp: 86109
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.2 27.2
 265 21.4 17.0 25.4

