

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013120\
 Data File : BF118780.D
 Acq On : 31 Jan 2020 14:28
 Operator : CG/JU
 Sample : L1320-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 31 22:03:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

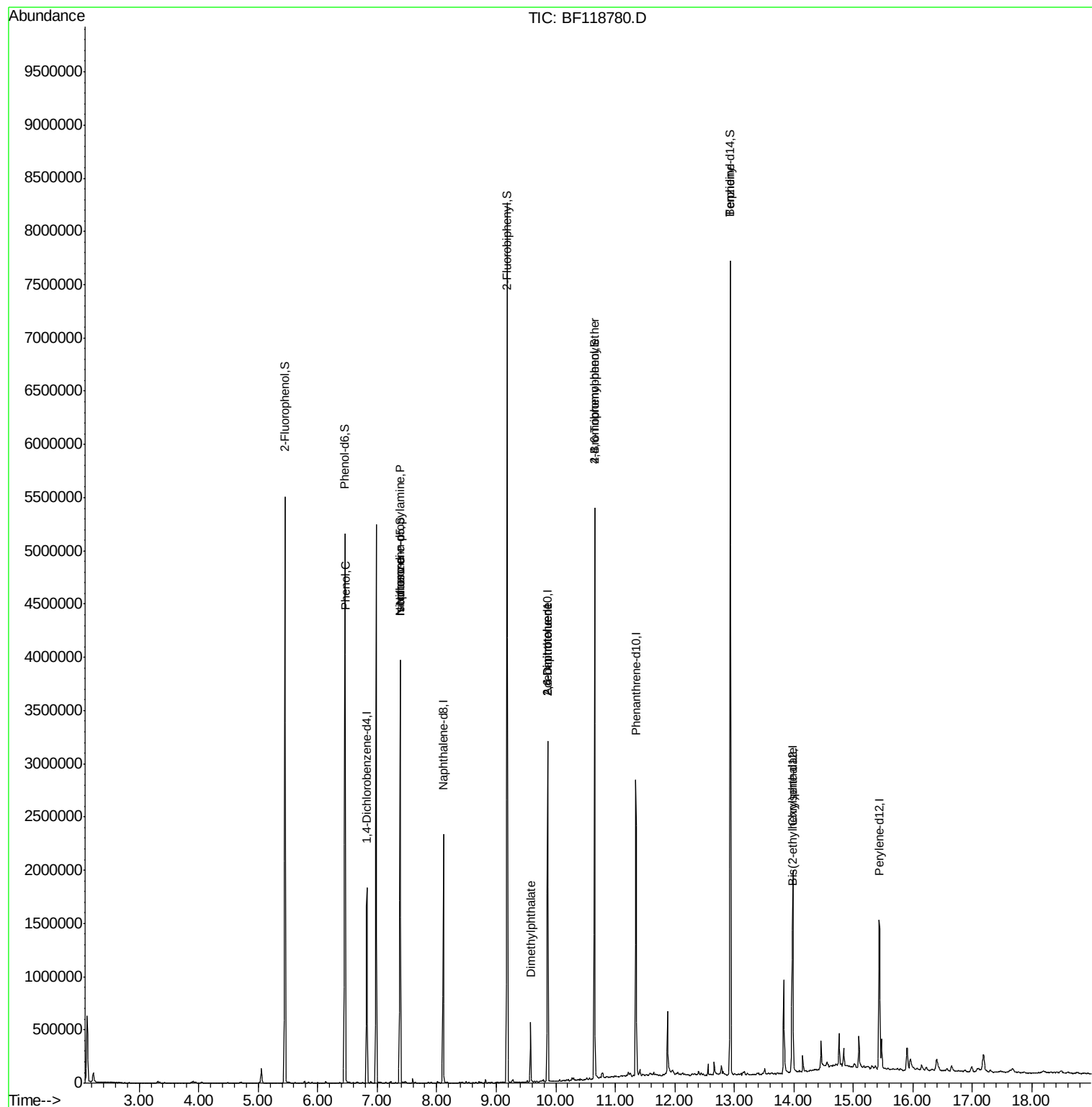
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	295724	20.00	ng	-0.04
21) Naphthalene-d8	8.11	136	1117981	20.00	ng	-0.04
39) Acenaphthene-d10	9.86	164	621224	20.00	ng	-0.04
64) Phenanthrene-d10	11.34	188	1056418	20.00	ng	-0.04
76) Chrysene-d12	13.98	240	604155	20.00	ng	-0.04
87) Perylene-d12	15.43	264	687370	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1672105	105.01	ng	-0.03
7) Phenol-d6	6.46	99	2101532	101.55	ng	-0.04
23) Nitrobenzene-d5	7.39	82	1370534	68.57	ng	-0.04
42) 2,4,6-Tribromophenol	10.65	330	742517	103.34	ng	-0.04
45) 2-Fluorobiphenyl	9.19	172	2687394	71.10	ng	-0.04
79) Terphenyl-d14	12.93	244	2782322	100.45	ng	-0.03
Target Compounds						
10) Phenol	6.47	94	88705	3.761	ng	98
19) n-Nitroso-di-n-propylamine	7.39	70	187822	13.441	ng	# 76
25) Isophorone	7.39	82	1349721	37.023	ng	# 63
50) Dimethylphthalate	9.57	163	208661	5.155	ng	99
51) 2,6-Dinitrotoluene	9.86	165	81238	8.964	ng	# 29
57) 2,4-Dinitrotoluene	9.86	165	81238	7.110	ng	# 30
67) 4-Bromophenyl-phenylether	10.65	248	48161	3.690	ng	# 1
77) Benzidine	12.93	184	35707	2.212	ng	# 92
84) Bis(2-ethylhexyl)phthalate	13.97	149	230262	11.228	ng	97

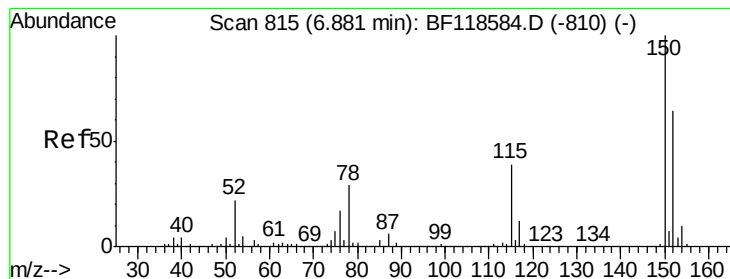
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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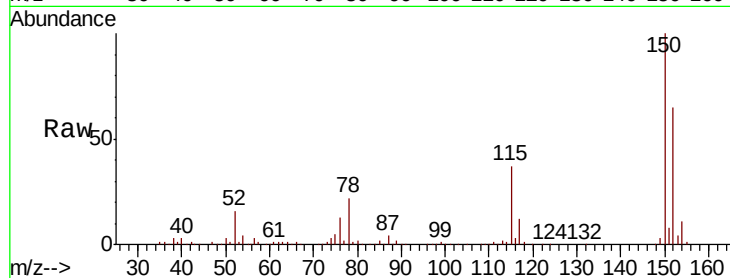


#1

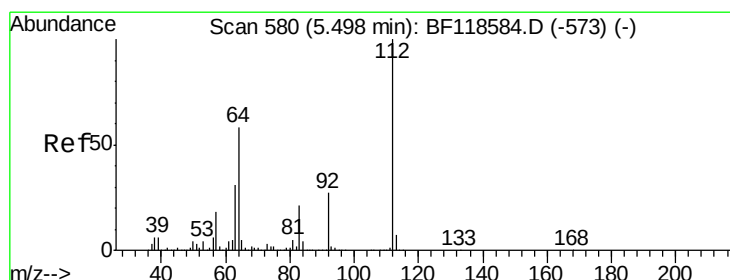
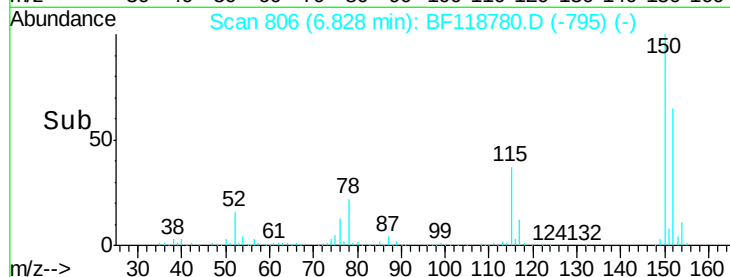
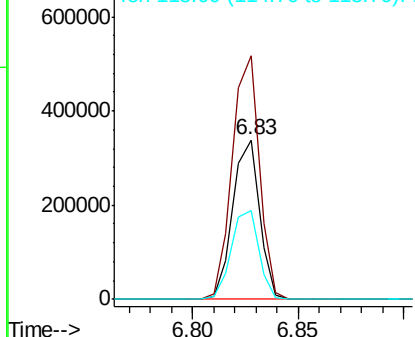
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.04 min
Lab File: BF118780.D
Acq: 31 Jan 2020 14:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 295724
Ion Ratio Lower Upper
152 100
150 152.9 123.7 185.5
115 55.8 45.1 67.7



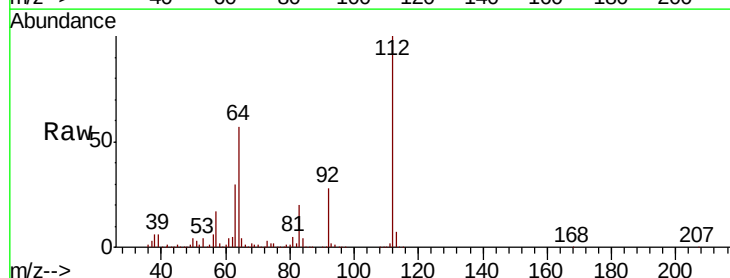
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



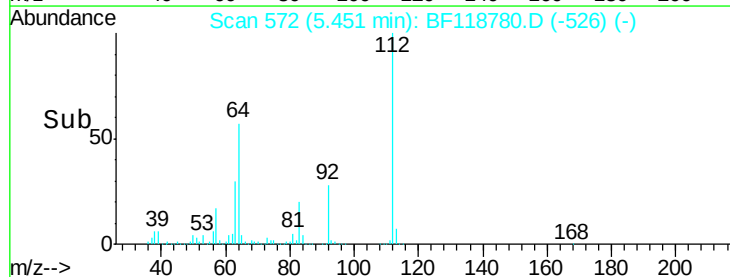
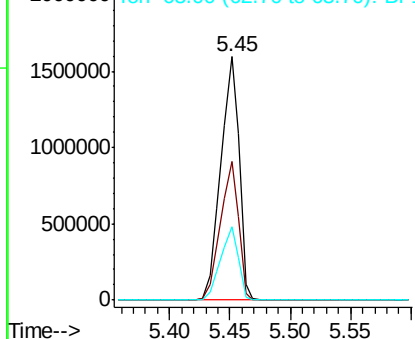
#5

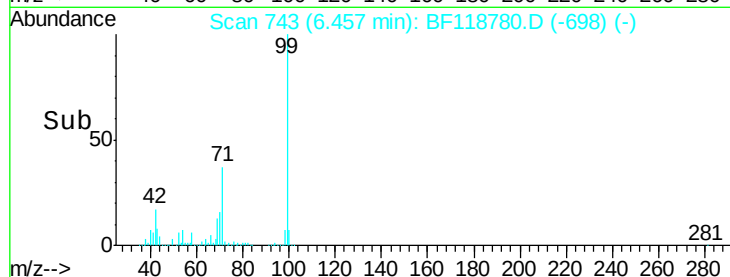
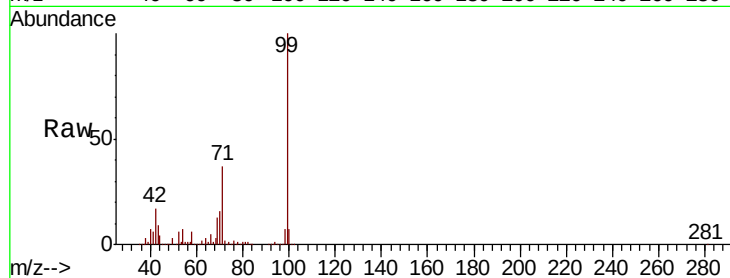
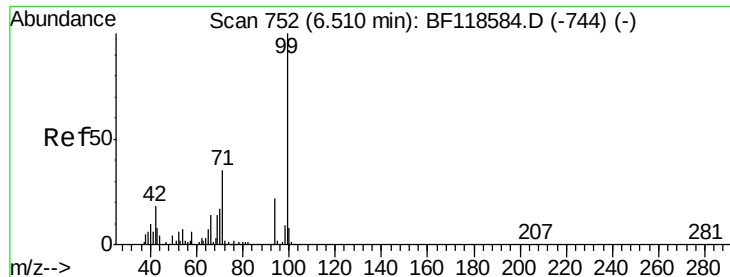
2-Fluorophenol
Concen: 105.014 ng
RT: 5.45 min Scan# 572
Delta R.T. -0.03 min
Lab File: BF118780.D
Acq: 31 Jan 2020 14:28

Tgt Ion:112 Resp: 1672105
Ion Ratio Lower Upper
112 100
64 56.8 42.4 63.6
63 29.9 21.7 32.5



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: 101.546 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.04 min

Lab File: BF118780.D

Acq: 31 Jan 2020 14:28

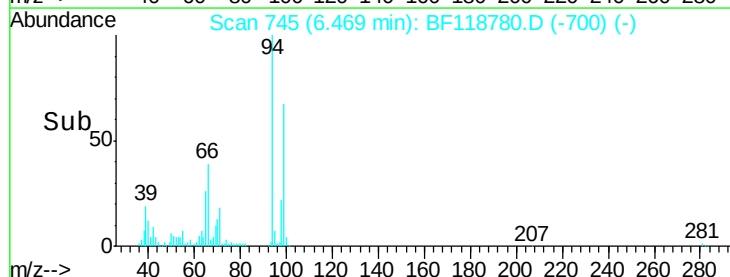
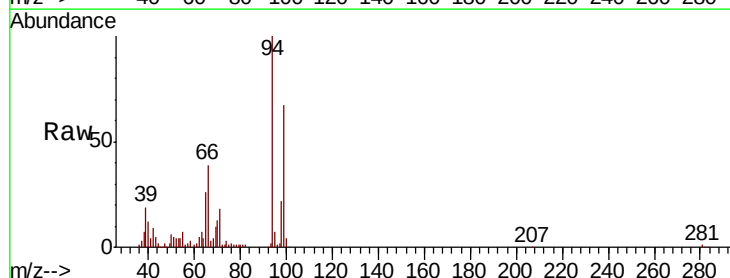
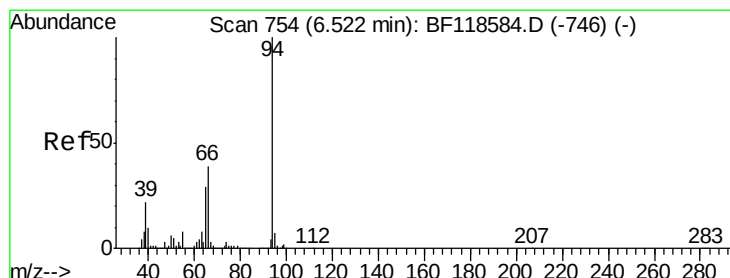
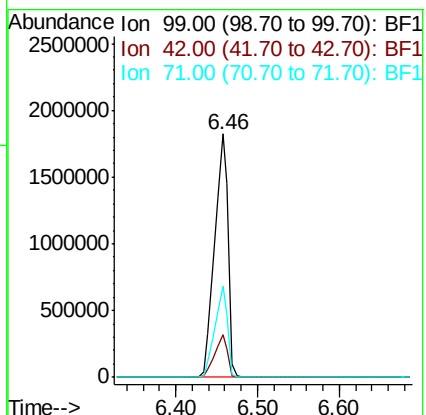
Tot Ion: 99 Resp: 2101532

Ion Ratio Lower Upper

99 100

42 17.4 13.1 19.7

71 37.4 28.4 42.6



#10

Phenol

Concen: 3.761 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.04 min

Lab File: BF118780.D

Acq: 31 Jan 2020 14:28

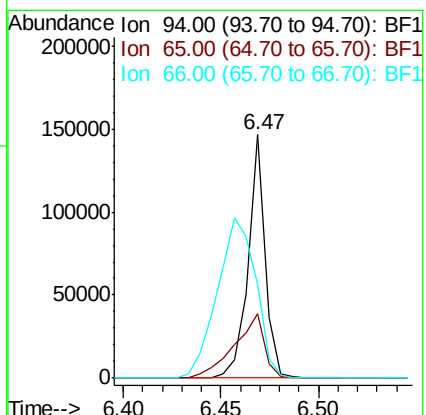
Tgt Ion: 94 Resp: 88705

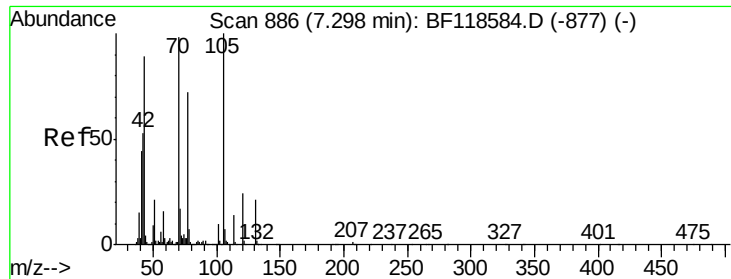
Ion Ratio Lower Upper

94 100

65 26.4 7.9 47.9

66 38.7 19.1 59.1

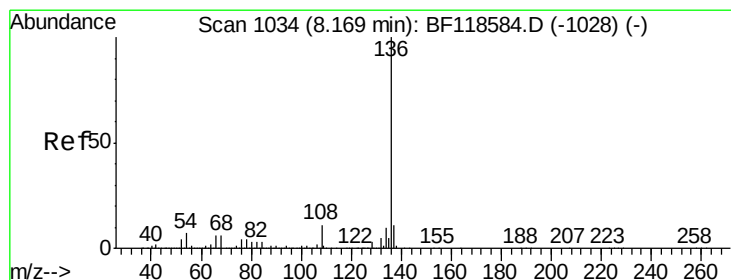
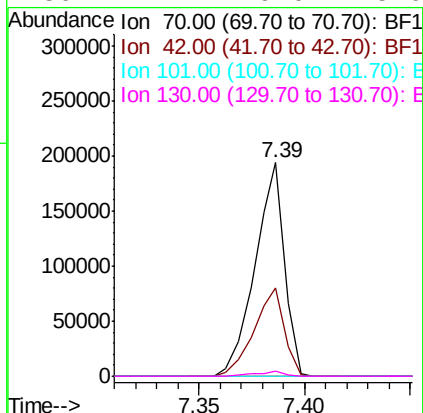
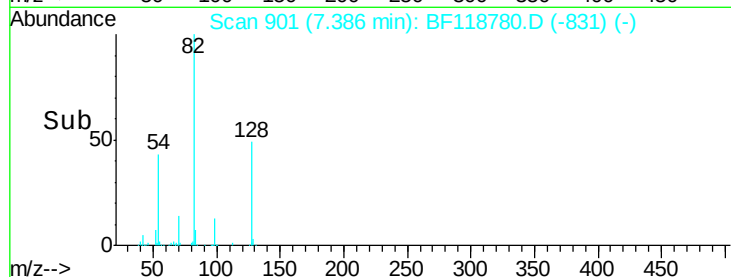
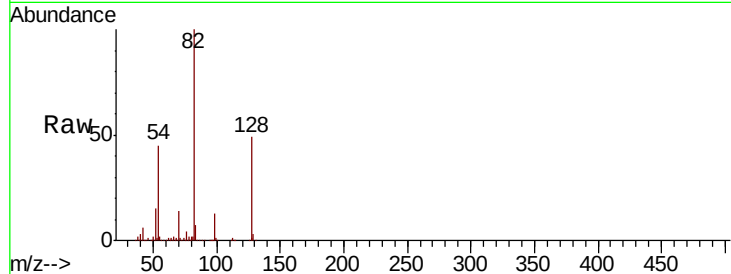




#19
n-Nitroso-di-n-propylamine
Concen: 13.441 ng
RT: 7.39 min Scan# 901
Delta R.T. 0.11 min
Lab File: BF118780.D
Acq: 31 Jan 2020 14:28

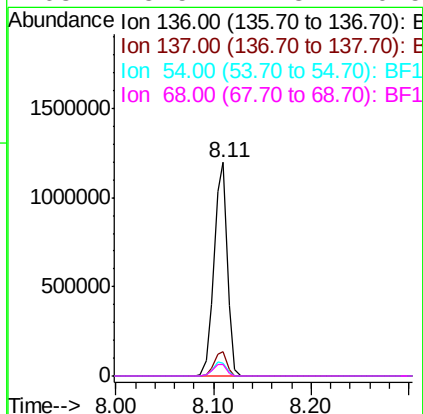
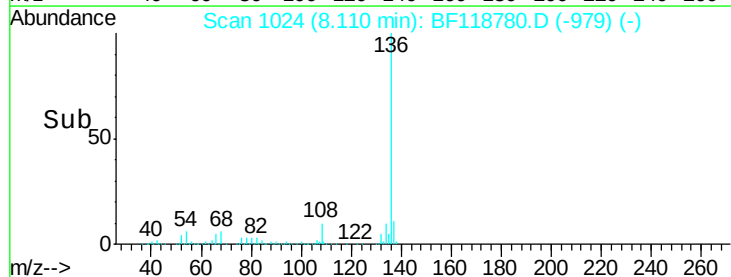
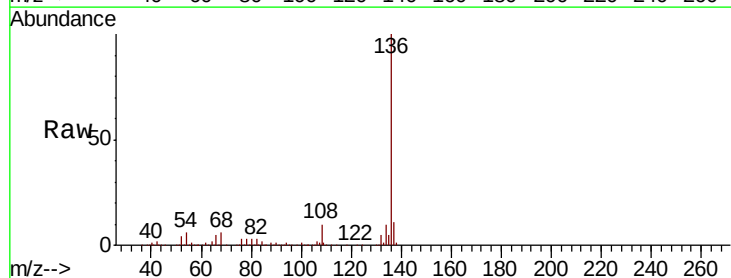
Instrument :
BNA_F
ClientSampleId :

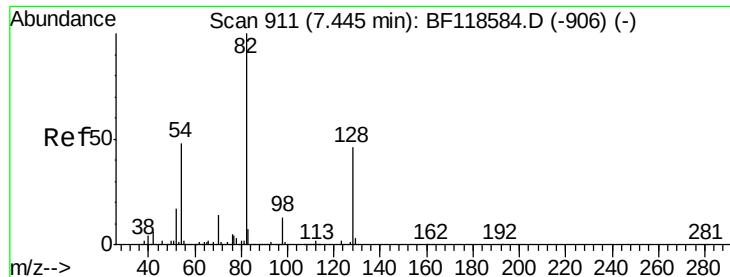
Tot Ion: 70 Resp: 187822
Ion Ratio Lower Upper
70 100
42 41.6 41.6 62.4#
101 0.0 7.9 11.9#
130 2.2 19.0 28.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.04 min
Lab File: BF118780.D
Acq: 31 Jan 2020 14:28

Tgt Ion:136 Resp: 1117981
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.2 5.1 7.7
68 5.5 4.3 6.5

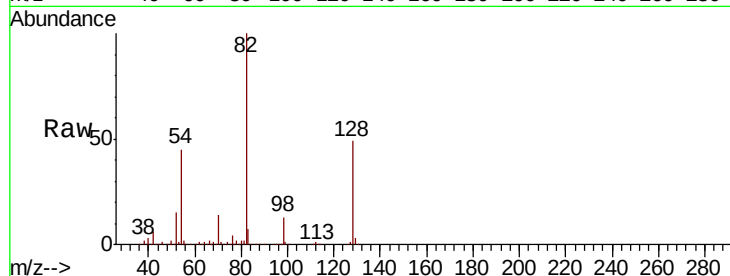




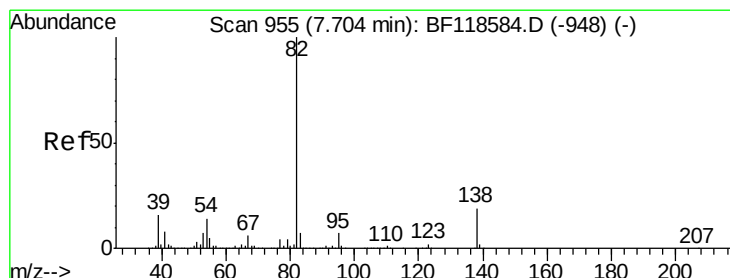
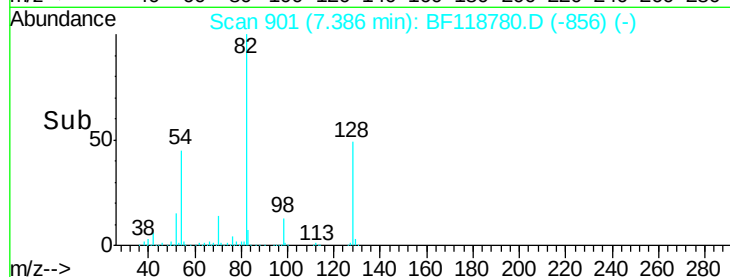
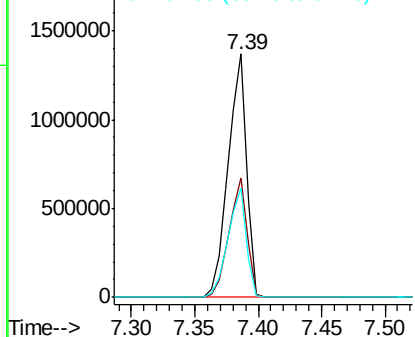
#23
Nitrobenzene-d5
Concen: 68.570 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.04 min
Lab File: BF118780.D
Acq: 31 Jan 2020 14:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 1370534
Ion Ratio Lower Upper
82 100
128 48.8 38.2 57.2
54 45.1 36.1 54.1

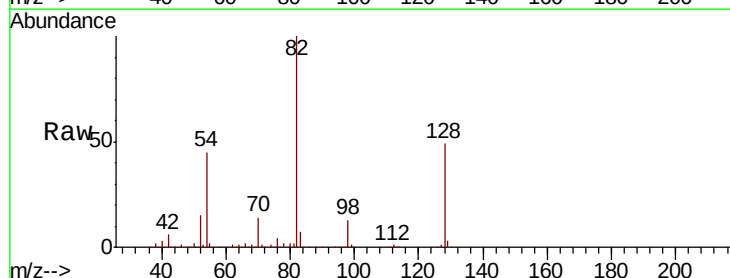


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

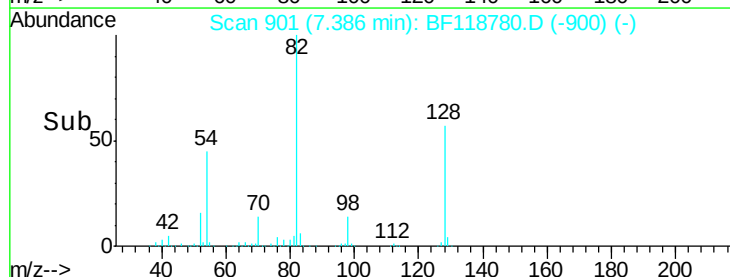
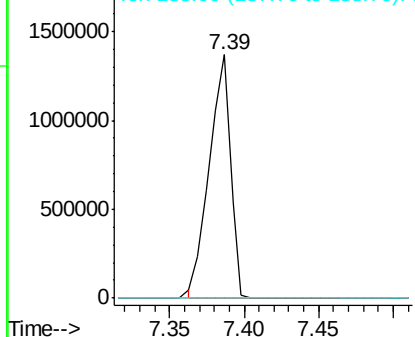


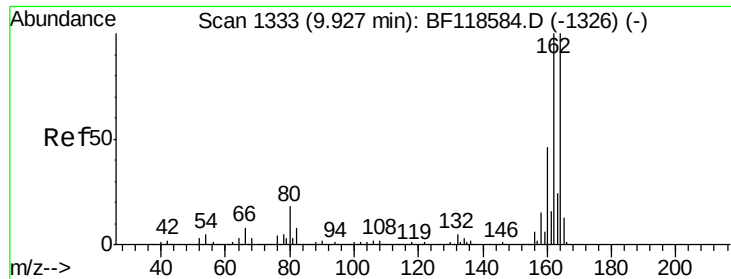
#25
Isophorone
Concen: 37.023 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.29 min
Lab File: BF118780.D
Acq: 31 Jan 2020 14:28

Tgt Ion: 82 Resp: 1349721
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 15.8 23.8#



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): BF1

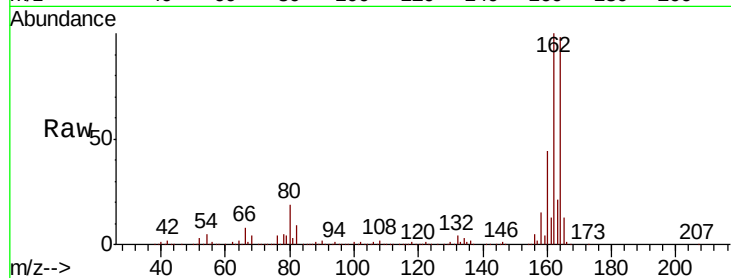




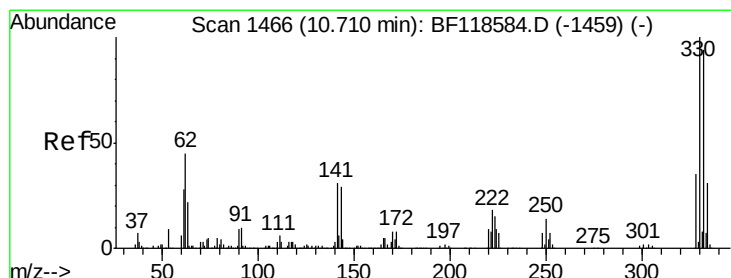
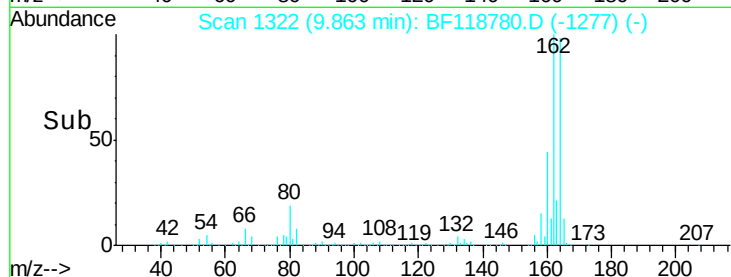
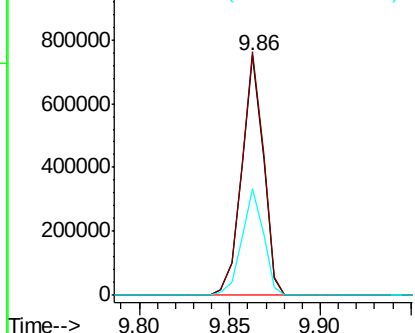
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.04 min
 Lab File: BF118780.D
 Acq: 31 Jan 2020 14:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 621224
 Ion Ratio Lower Upper
 164 100
 162 101.6 80.8 121.2
 160 44.7 35.4 53.0

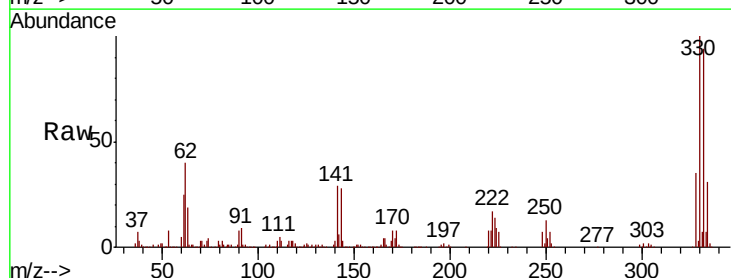


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

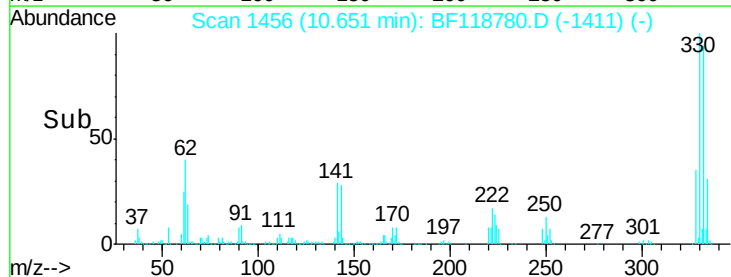
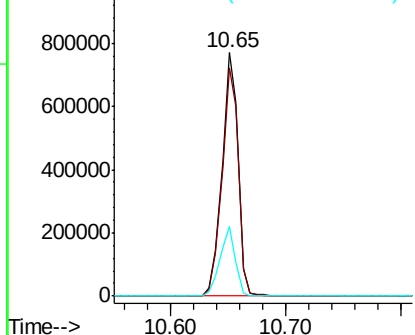


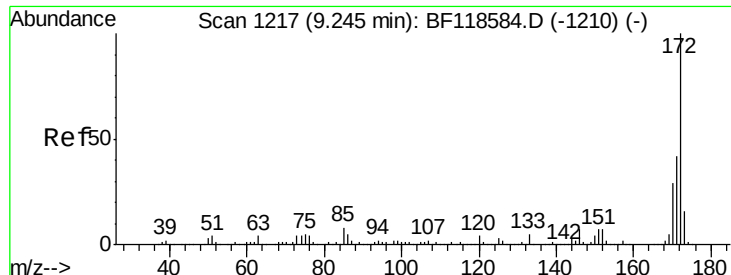
#42
 2,4,6-Tribromophenol
 Concen: 103.339 ng
 RT: 10.65 min Scan# 1456
 Delta R.T. -0.04 min
 Lab File: BF118780.D
 Acq: 31 Jan 2020 14:28

Tgt Ion:330 Resp: 742517
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.6 116.4
 141 27.8 22.2 33.2



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



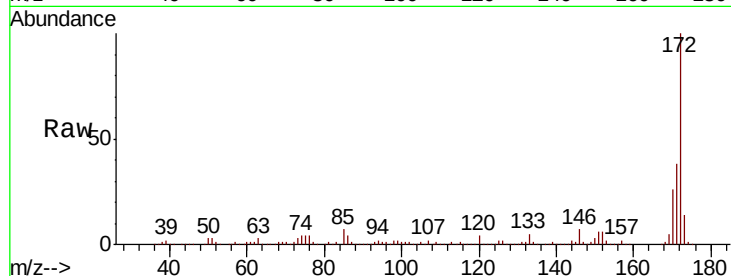


#45
 2-Fluorobiphenyl
 Concen: 71.102 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.04 min
 Lab File: BF118780.D
 Acq: 31 Jan 2020 14:28

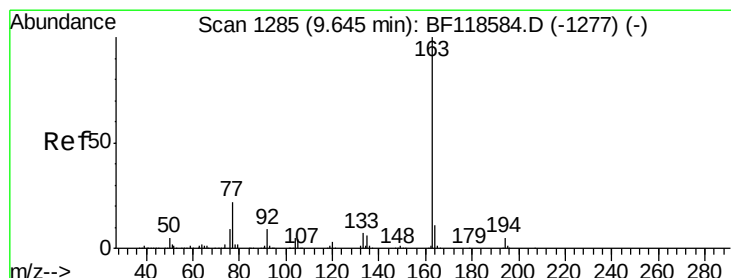
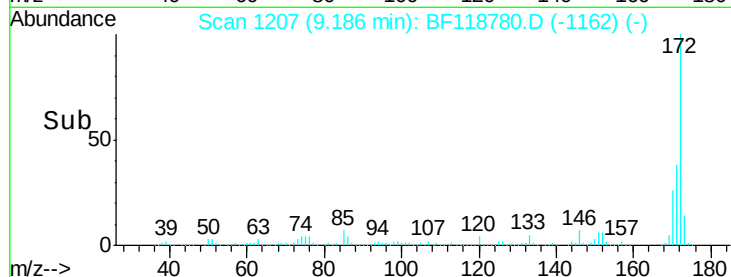
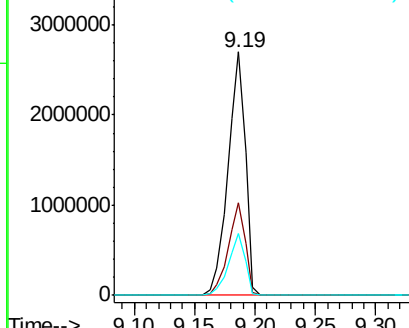
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2687394

Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.0	46.4
170	25.6	20.7	31.1



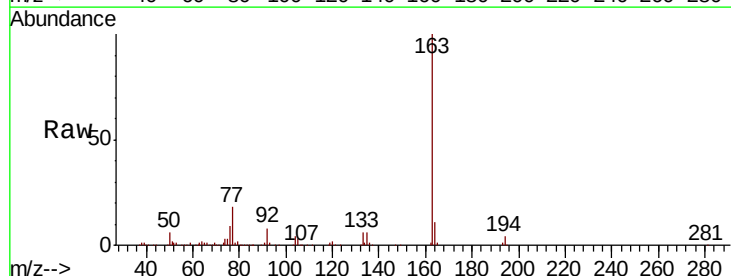
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



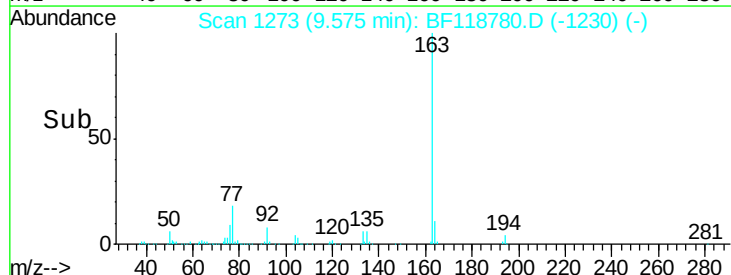
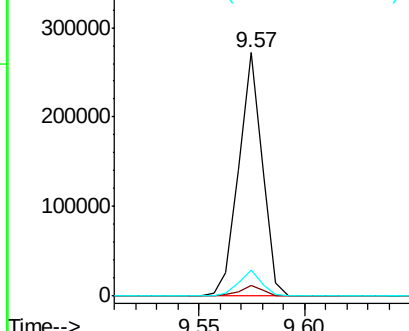
#50
 Dimethylphthalate
 Concen: 5.155 ng
 RT: 9.57 min Scan# 1273
 Delta R.T. -0.05 min
 Lab File: BF118780.D
 Acq: 31 Jan 2020 14:28

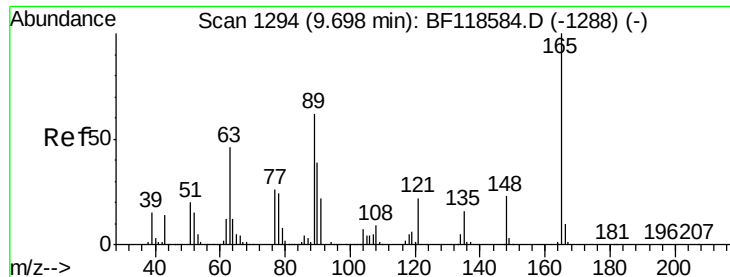
Tgt Ion:163 Resp: 208661

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.7	5.5
164	10.5	8.2	12.2



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: 8.964 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.19 min

Lab File: BF118780.D

Acq: 31 Jan 2020 14:28

Instrument :

BNA_F

ClientSampled :

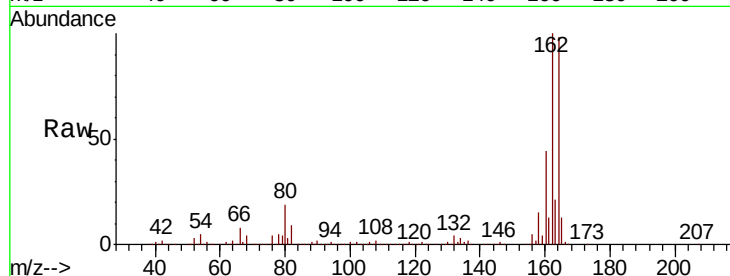
Tot Ion:165 Resp: 81238

Ion Ratio Lower Upper

165 100

63 1.1 39.8 59.6#

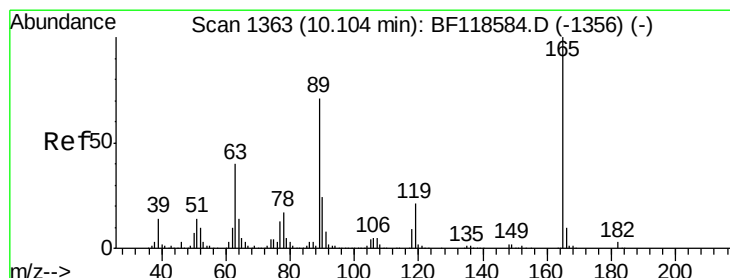
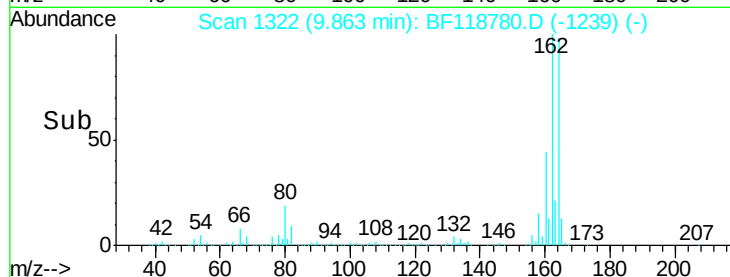
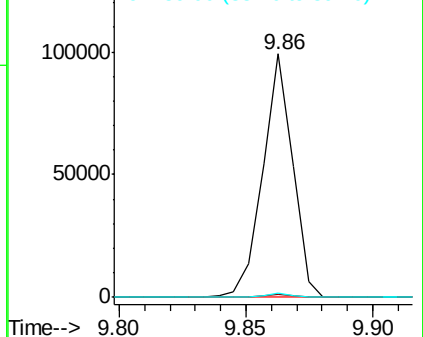
89 1.6 41.4 62.2#



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: 7.110 ng

RT: 9.86 min Scan# 1322

Delta R.T. -0.22 min

Lab File: BF118780.D

Acq: 31 Jan 2020 14:28

Tgt Ion:165 Resp: 81238

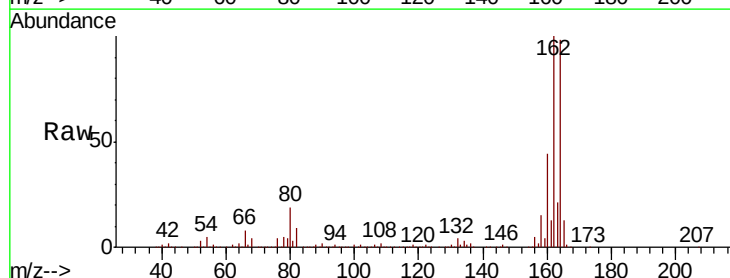
Ion Ratio Lower Upper

165 100

63 1.1 28.5 42.7#

89 1.6 50.4 75.6#

182 0.0 2.3 3.5#

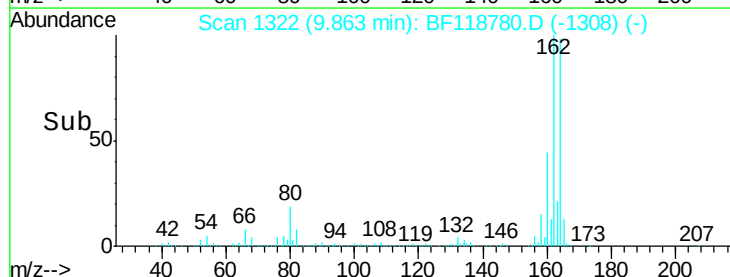
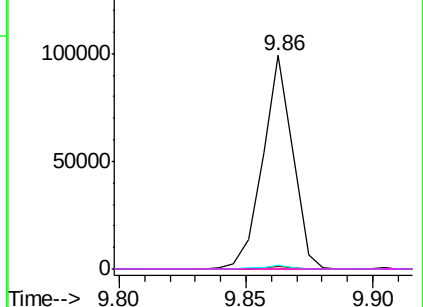


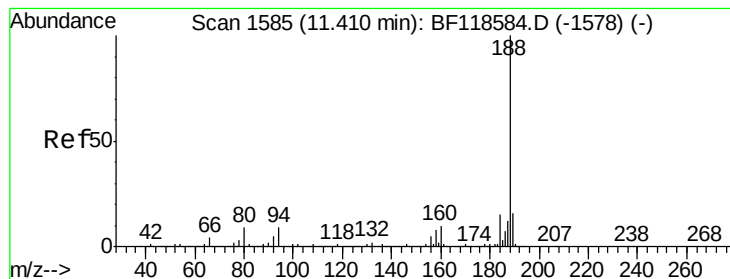
Abundance Ion 165.00 (164.70 to 165.70): E

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# 1574

Delta R.T. -0.04 min

Lab File: BF118780.D

Acq: 31 Jan 2020 14:28

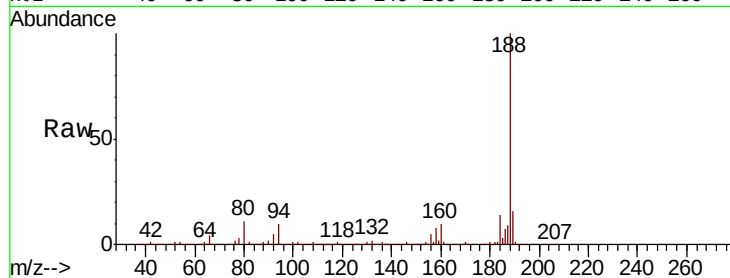
Instrument :

BNA_F

ClientSampleId :

Tot Ion:188 Resp: 1056418

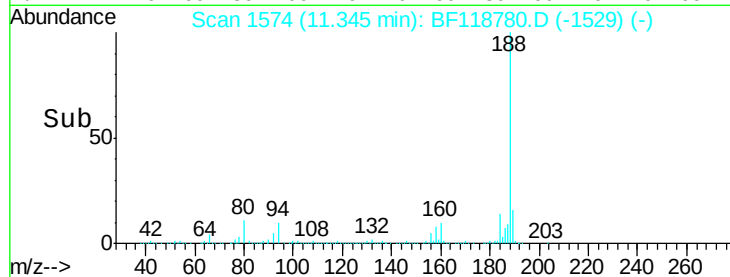
Ion	Ratio	Lower	Upper
188	100		
94	10.1	7.4	11.2
80	10.5	7.8	11.8



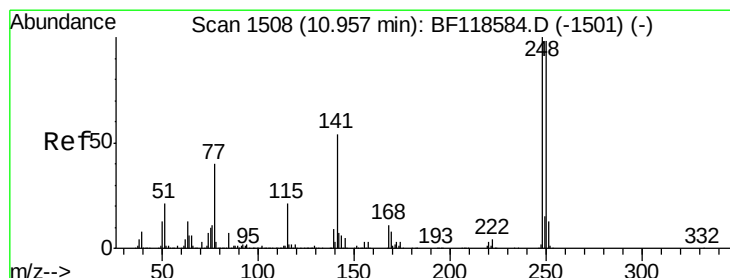
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time-->



#67

4-Bromophenyl-phenylether

Concen: 3.690 ng

RT: 10.65 min Scan# 1456

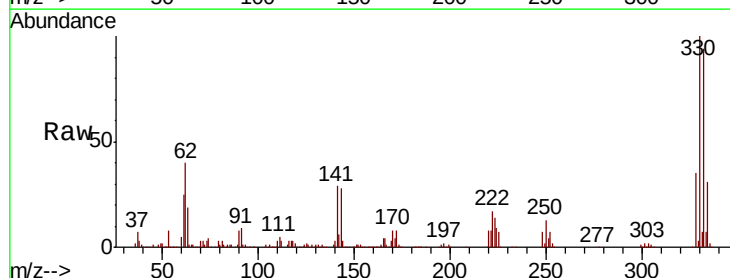
Delta R.T. -0.28 min

Lab File: BF118780.D

Acq: 31 Jan 2020 14:28

Tgt Ion:248 Resp: 48161

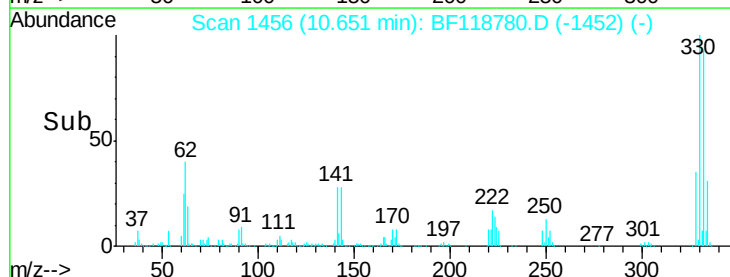
Ion	Ratio	Lower	Upper
248	100		
250	196.9	78.7	118.1#
141	420.5	48.4	72.6#



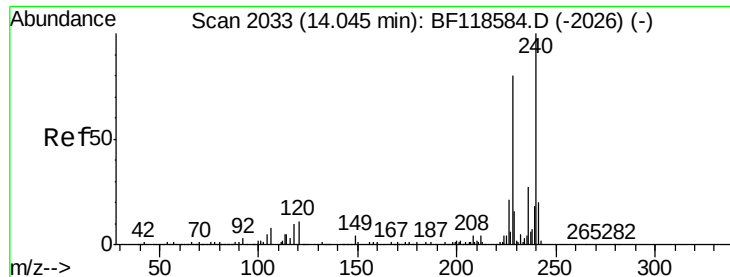
Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



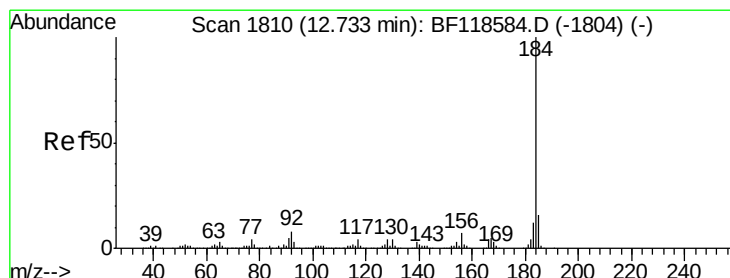
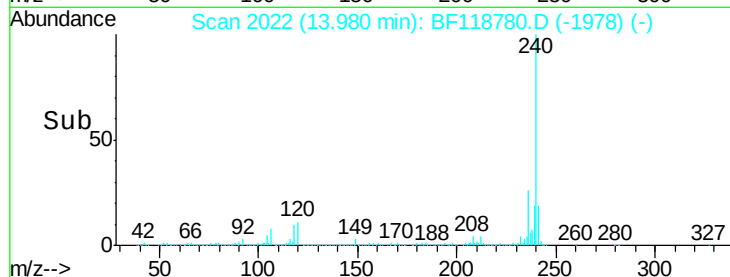
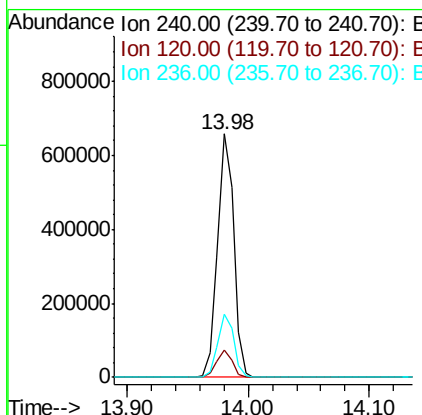
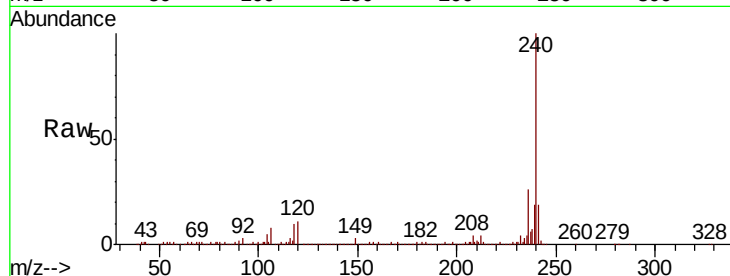
Time-->



#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.98 min Scan# 2022
 Delta R.T. -0.04 min
 Lab File: BF118780.D
 Acq: 31 Jan 2020 14:28

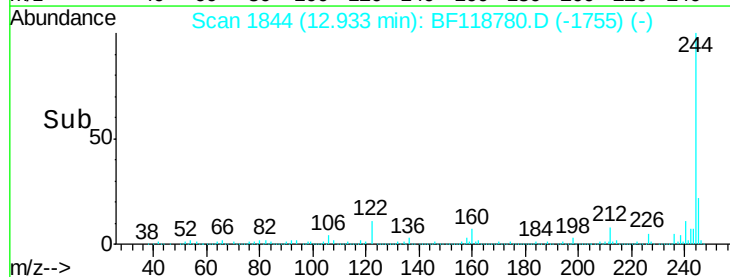
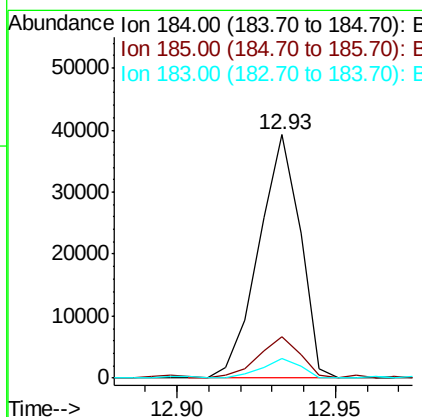
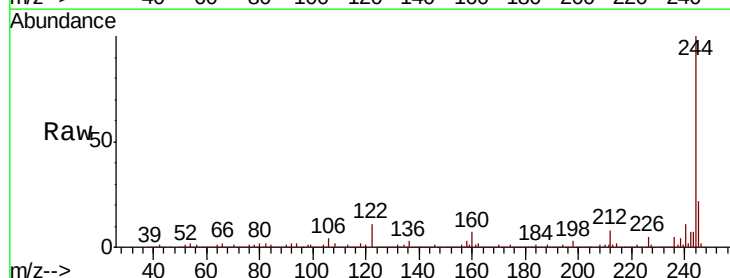
Instrument :
 BNA_F
 ClientSampleId :

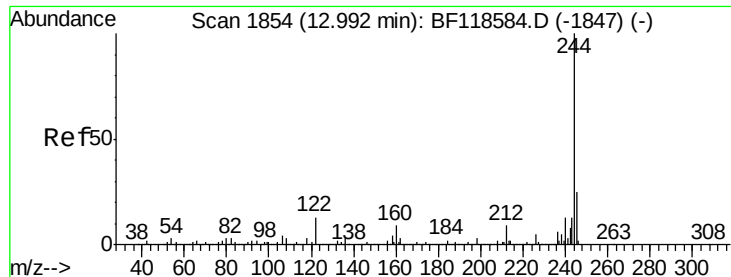
Tot Ion:240 Resp: 604155
 Ion Ratio Lower Upper
 240 100
 120 11.1 7.6 11.4
 236 25.9 21.0 31.4



#77
 Benzidine
 Concen: 2.212 ng
 RT: 12.93 min Scan# 1844
 Delta R.T. 0.22 min
 Lab File: BF118780.D
 Acq: 31 Jan 2020 14:28

Tgt Ion:184 Resp: 35707
 Ion Ratio Lower Upper
 184 100
 185 17.2 11.8 17.8
 183 8.2 9.7 14.5#





#79

Terphenyl-d14

Concen: 100.446 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.03 min

Lab File: BF118780.D

Acq: 31 Jan 2020 14:28

Instrument :

BNA_F

ClientSampleId :

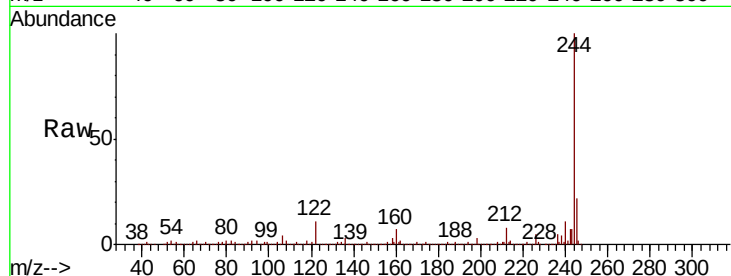
Tot Ion:244 Resp: 2782322

Ion Ratio Lower Upper

244 100

212 7.6 6.3 9.5

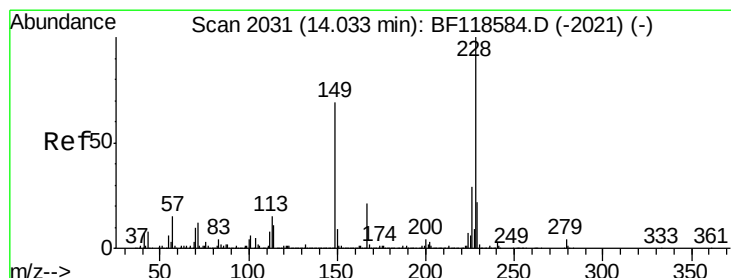
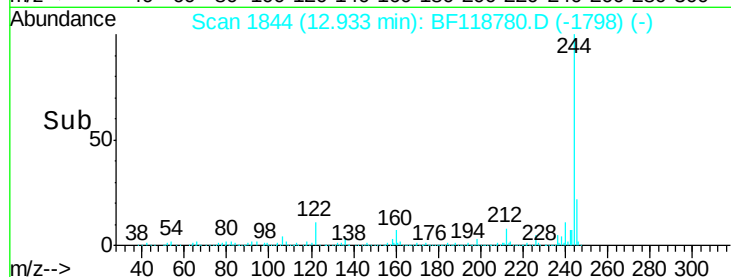
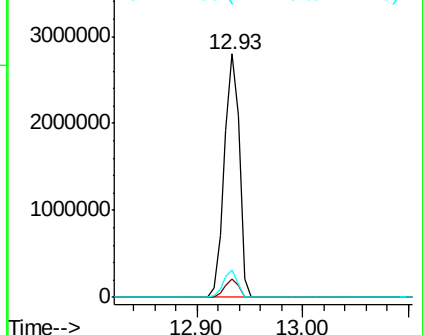
122 11.2 9.2 13.8



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 11.228 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.03 min

Lab File: BF118780.D

Acq: 31 Jan 2020 14:28

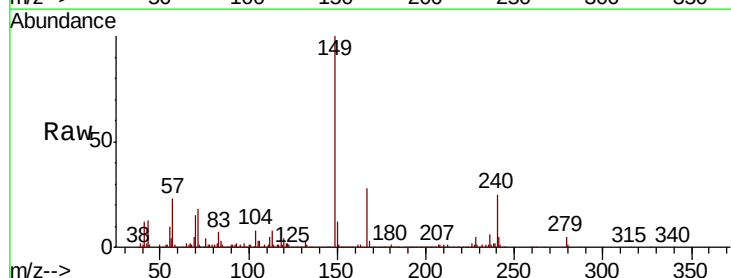
Tgt Ion:149 Resp: 230262

Ion Ratio Lower Upper

149 100

167 28.0 23.6 35.4

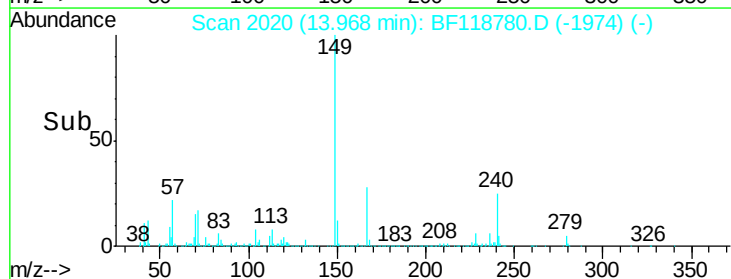
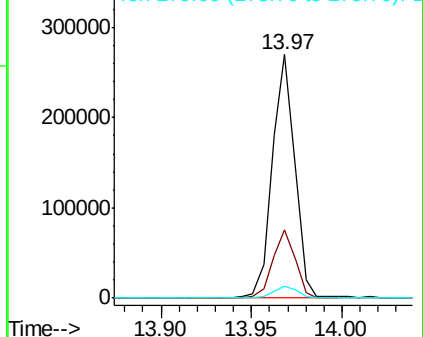
279 5.0 4.5 6.7

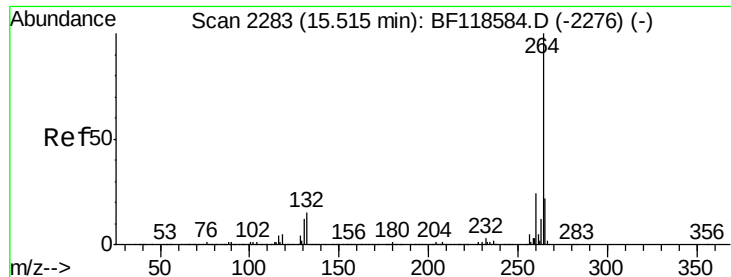


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.43 min Scan# 2269
Delta R.T. -0.05 min
Lab File: BF118780.D
Acq: 31 Jan 2020 14:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	28.0
265	21.9	17.0	25.6

