

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050219\
 Data File : BF114086.D
 Acq On : 2 May 2019 15:56
 Operator : JU/SJ
 Sample : PB119394BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB119394BL

Quant Time: May 03 00:53:48 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

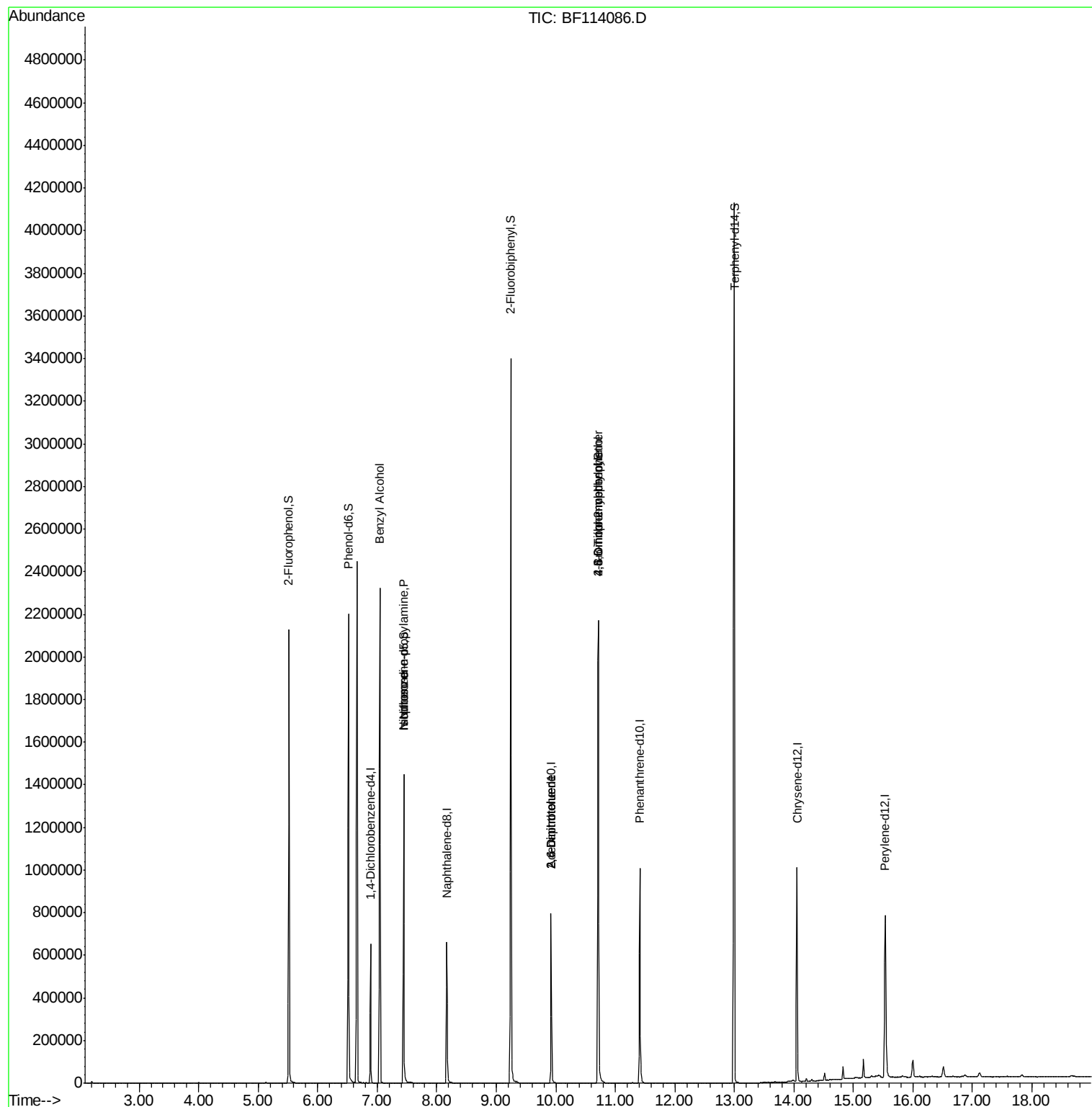
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	90945	20.00	ng	-0.01
21) Naphthalene-d8	8.17	136	350056	20.00	ng	-0.01
39) Acenaphthene-d10	9.92	164	194707	20.00	ng	-0.01
64) Phenanthrene-d10	11.41	188	426721	20.00	ng	0.00
76) Chrysene-d12	14.05	240	396507	20.00	ng	-0.02
87) Perylene-d12	15.53	264	417370	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	669156	125.84	ng	0.00
7) Phenol-d6	6.52	99	879206	131.79	ng	0.00
23) Nitrobenzene-d5	7.45	82	531500	93.75	ng	-0.01
42) 2,4,6-Tribromophenol	10.72	330	335666	141.52	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1180345	94.81	ng	-0.01
79) Terphenyl-d14	13.00	244	1612149	83.36	ng	0.00
Target Compounds						
15) Benzyl Alcohol	7.05	79	9201	2.048	ng	# 46
19) n-Nitroso-di-n-propylamine	7.45	70	70623	16.347	ng	# 77
25) Isophorone	7.45	82	531492	45.816	ng	# 65
51) 2,6-Dinitrotoluene	9.92	165	24663	8.164	ng	# 31
57) 2,4-Dinitrotoluene	9.92	165	24663	6.468	ng	# 27
65) 4,6-Dinitro-2-methylphenol	10.72	198	469	7.511	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	21502	4.171	ng	# 1

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

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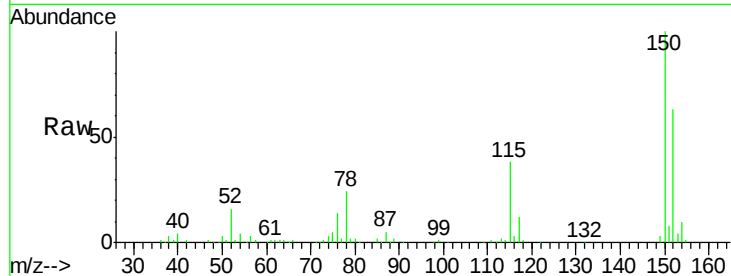


#1

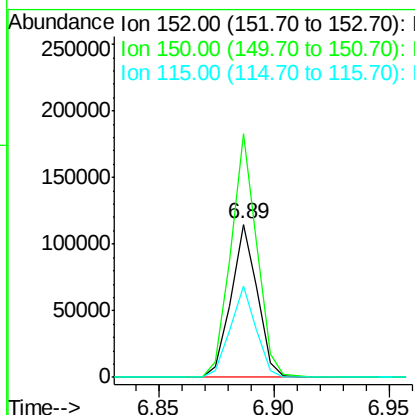
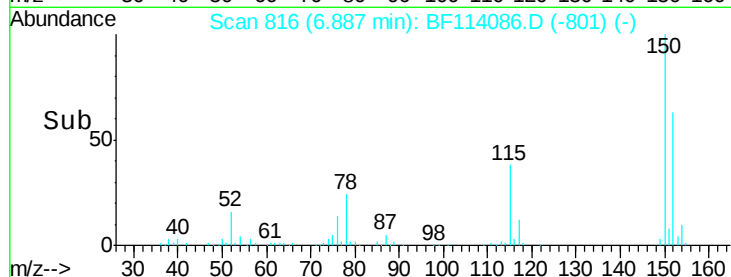
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.01 min
Lab File: BF114086.D
Acq: 2 May 2019 15:56

Instrument :
BNA_F
ClientSampleId :
PB119394BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.2	125.9	188.9
115	60.1	45.9	68.9



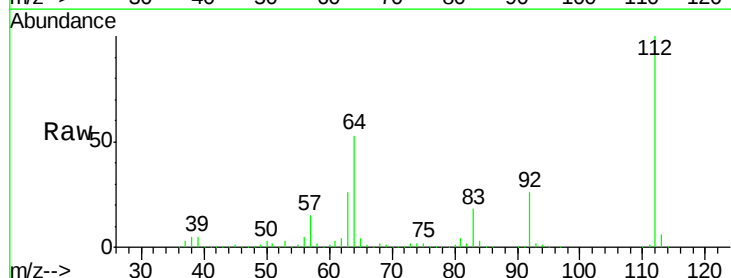
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



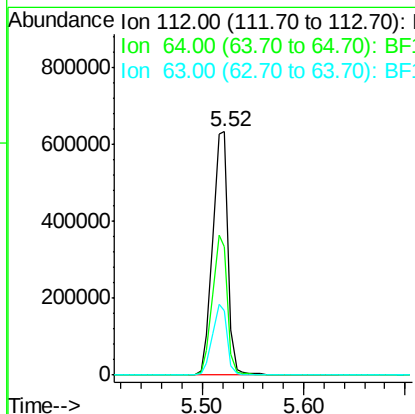
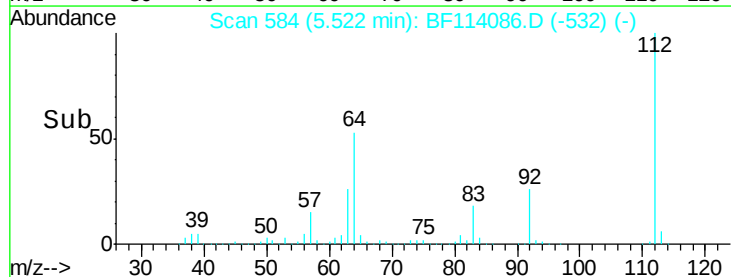
#5

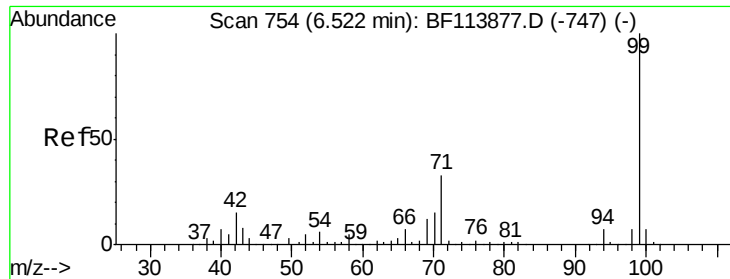
2-Fluorophenol
Concen: 125.845 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF114086.D
Acq: 2 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
112	100		
64	53.0	46.6	69.8
63	26.4	23.1	34.7



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: 131.791 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF114086.D

Acq: 2 May 2019 15:56

Instrument :

BNA_F

ClientSampled :

PB119394BL

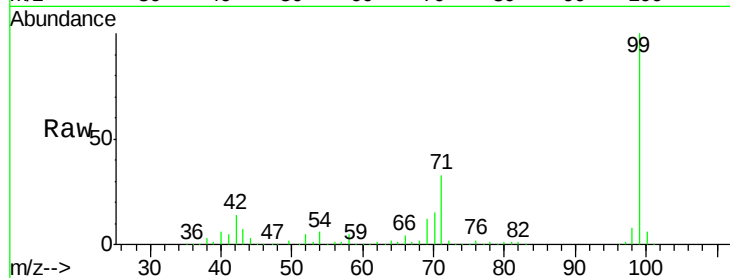
Tot Ion: 99 Resp: 879206

Ion Ratio Lower Upper

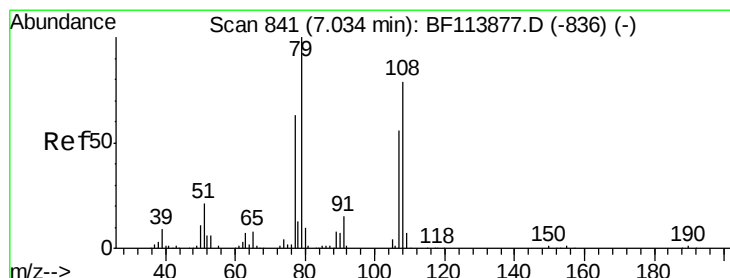
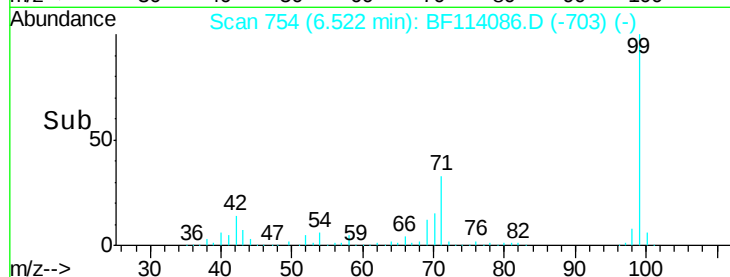
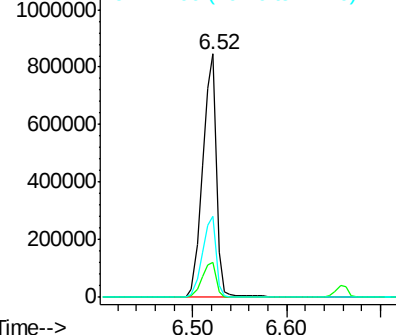
99 100

42 14.4 12.5 18.7

71 33.5 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



#15

Benzyl Alcohol

Concen: 2.048 ng

RT: 7.05 min Scan# 843

Delta R.T. 0.01 min

Lab File: BF114086.D

Acq: 2 May 2019 15:56

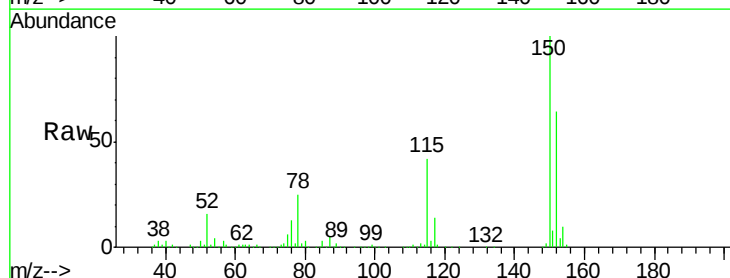
Tgt Ion: 79 Resp: 9201

Ion Ratio Lower Upper

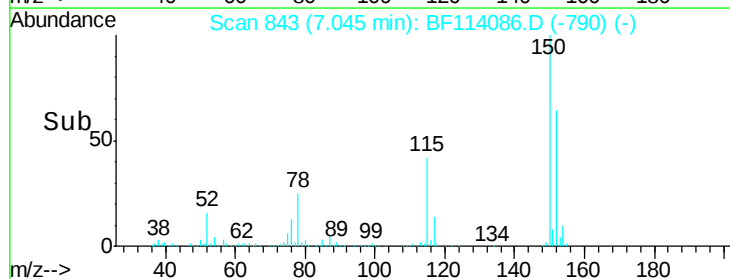
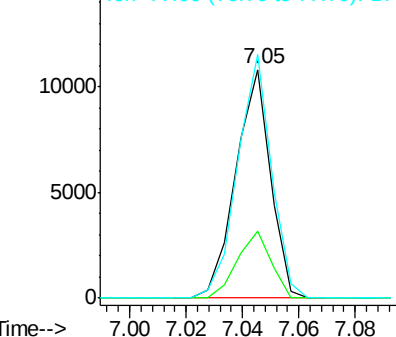
79 100

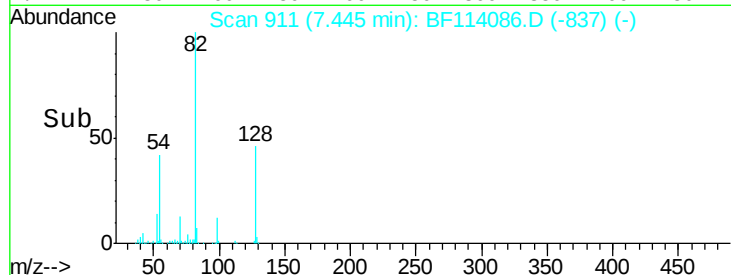
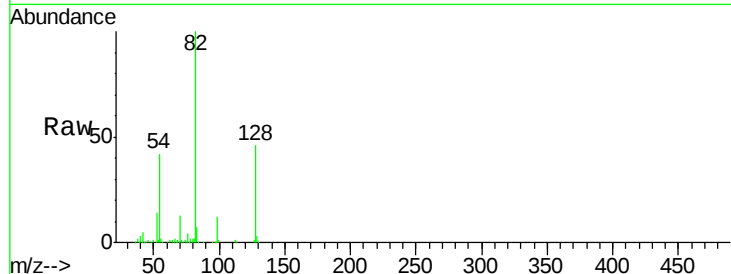
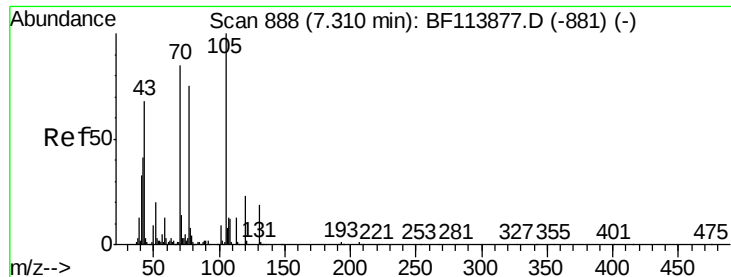
108 29.2 61.4 92.0#

77 106.4 51.6 77.4#



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

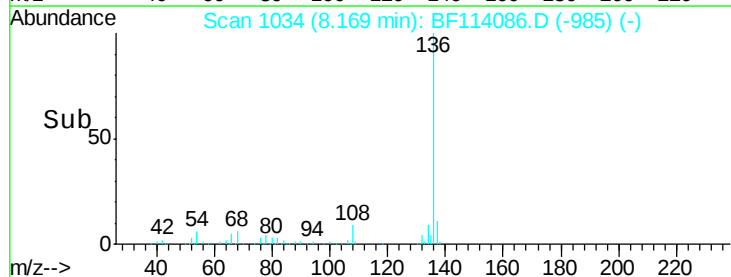
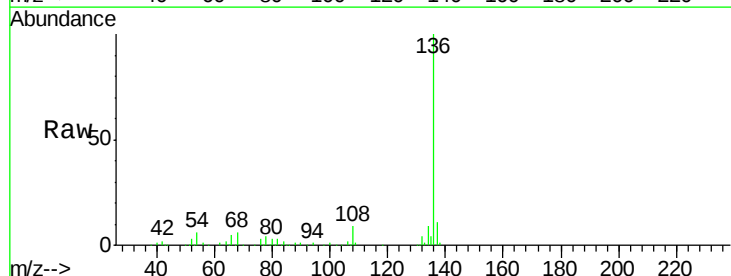
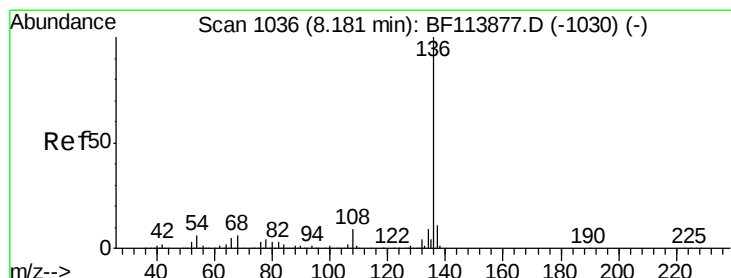
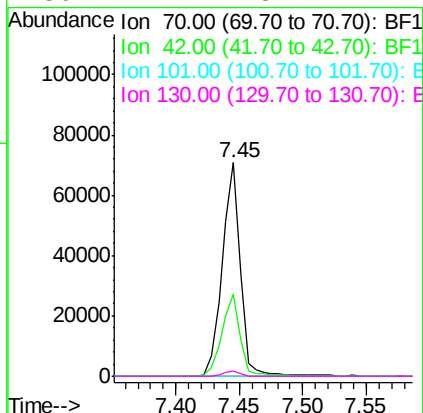




#19
n-Nitroso-di-n-propylamine
Concen: 16.347 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.14 min
Lab File: BF114086.D
Acq: 2 May 2019 15:56

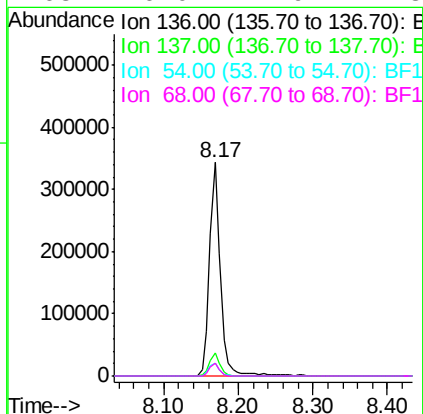
Instrument :
BNA_F
ClientSampleId :
PB119394BL

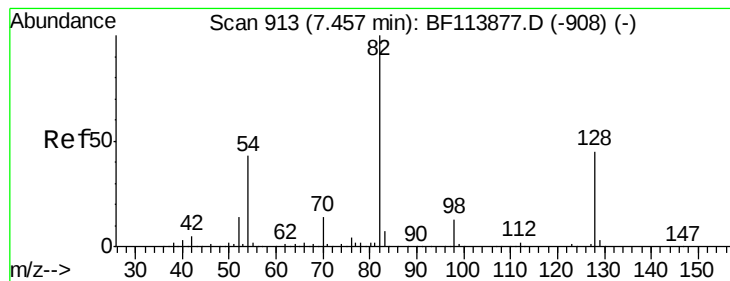
Tot Ion: 70 Resp: 70623
Ion Ratio Lower Upper
70 100
42 38.4 37.3 55.9
101 0.0 7.8 11.8#
130 2.1 18.2 27.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BF114086.D
Acq: 2 May 2019 15:56

Tgt Ion: 136 Resp: 350056
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 5.8 5.0 7.6
68 6.0 4.9 7.3





#23

Nitrobenzene-d5

Concen: 93.748 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF114086.D

Acq: 2 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

PB119394BL

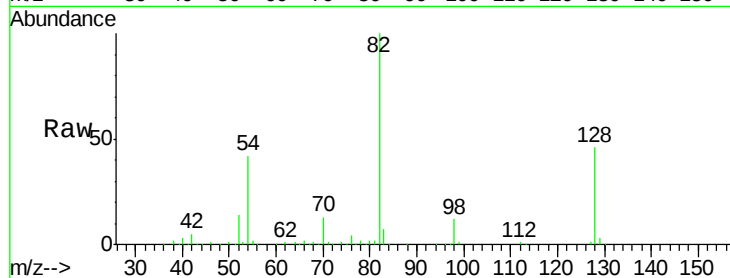
Tot Ion: 82 Resp: 531500

Ion Ratio Lower Upper

82 100

128 46.2 36.8 55.2

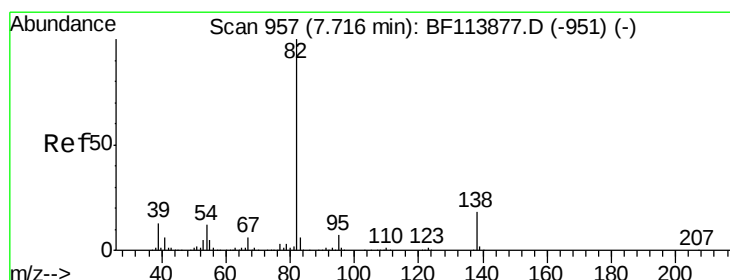
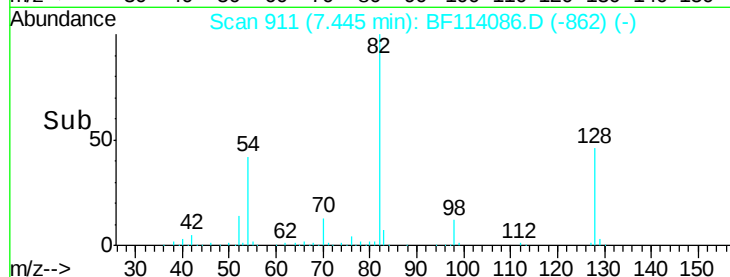
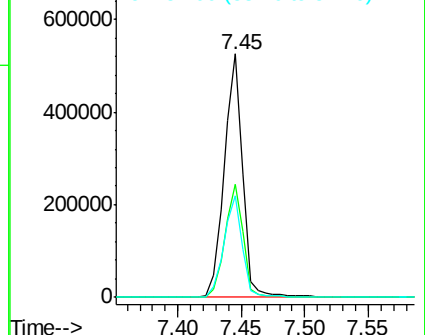
54 41.7 33.8 50.6



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: 45.816 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.27 min

Lab File: BF114086.D

Acq: 2 May 2019 15:56

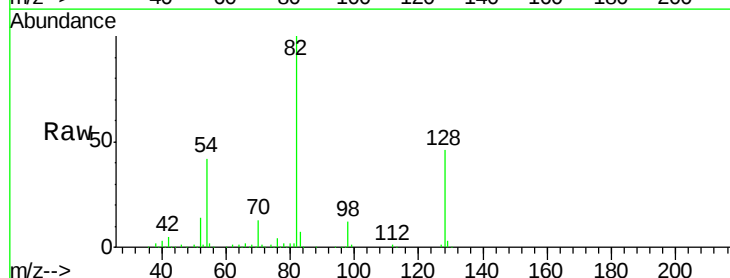
Tgt Ion: 82 Resp: 531492

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

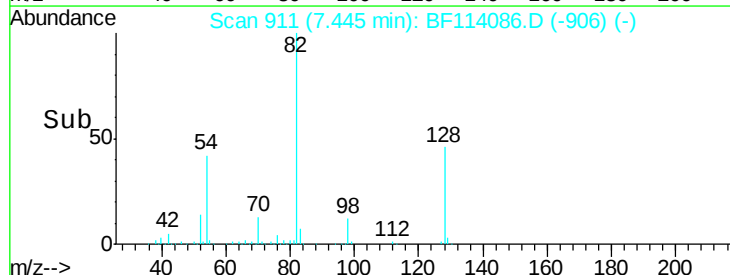
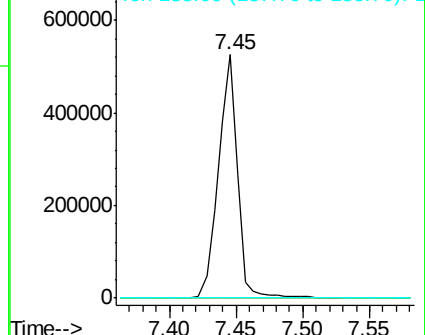
138 0.0 14.6 22.0#

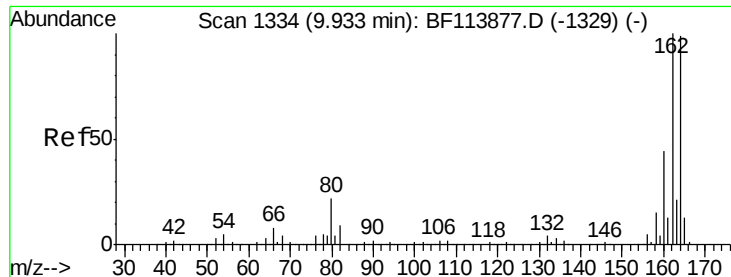


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF114086.D

Acq: 2 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

PB119394BL

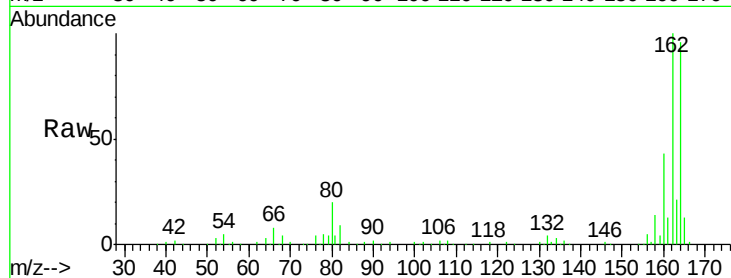
Tot Ion:164 Resp: 194707

Ion Ratio Lower Upper

164 100

162 104.0 81.1 121.7

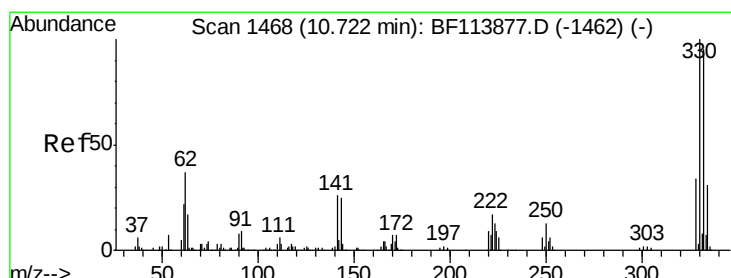
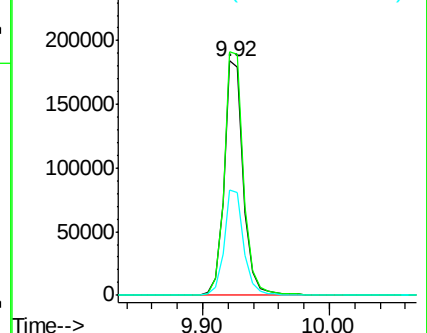
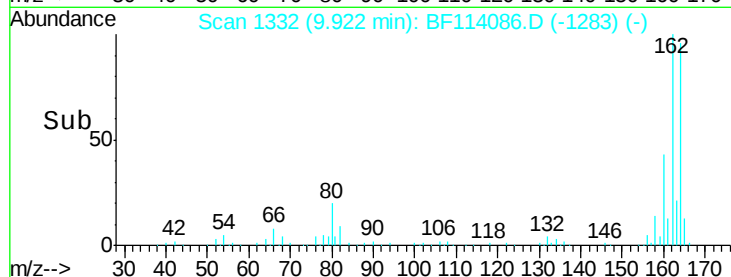
160 45.0 35.8 53.6



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: 141.516 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.01 min

Lab File: BF114086.D

Acq: 2 May 2019 15:56

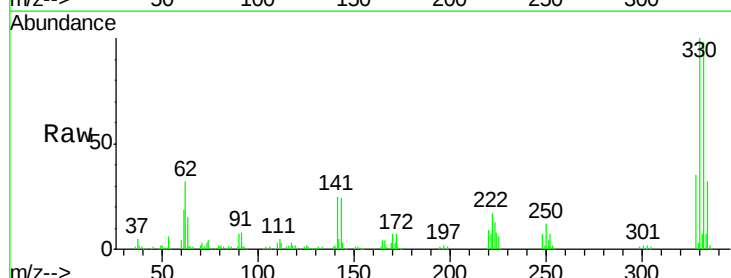
Tgt Ion:330 Resp: 335666

Ion Ratio Lower Upper

330 100

332 96.7 77.5 116.3

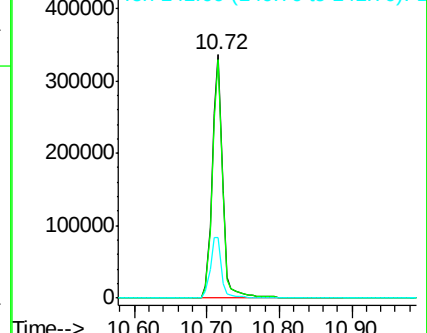
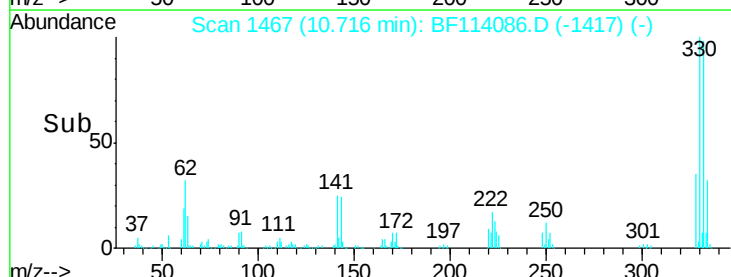
141 27.4 22.2 33.2

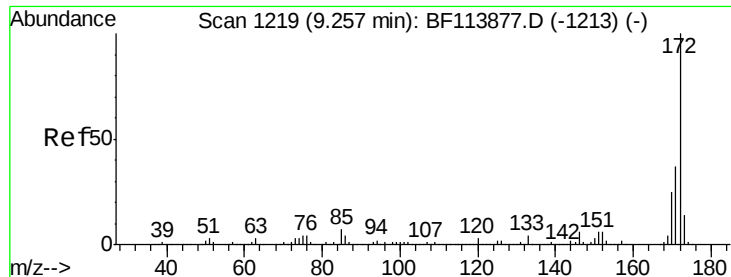


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

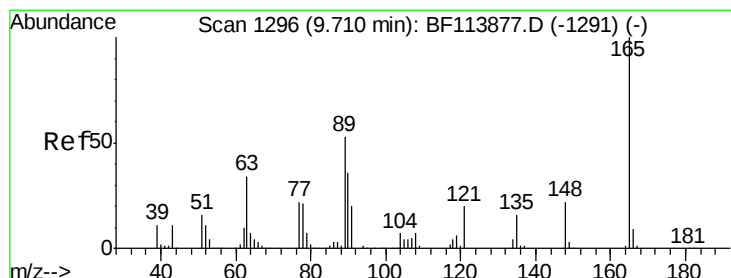
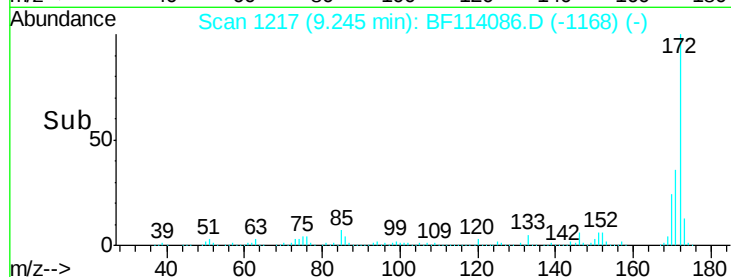
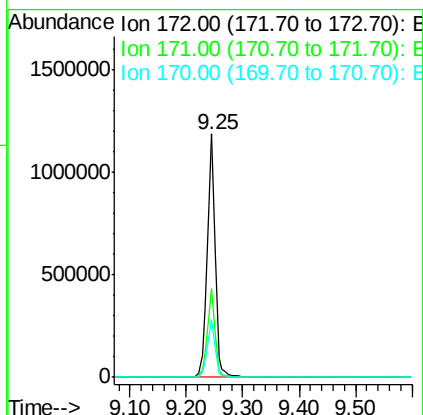
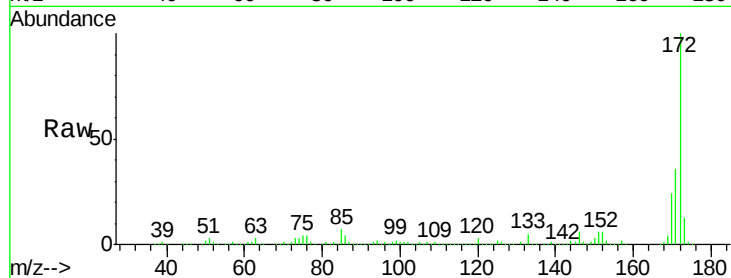




#45
2-Fluorobiphenyl
Concen: 94.814 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF114086.D
Acq: 2 May 2019 15:56

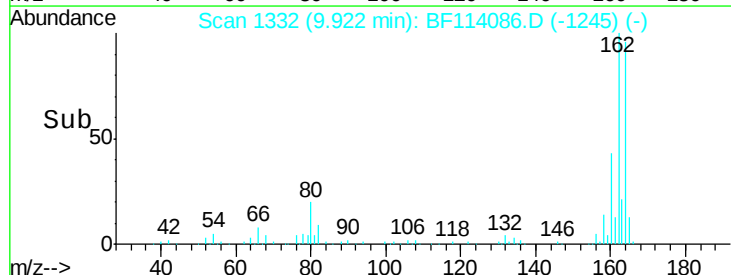
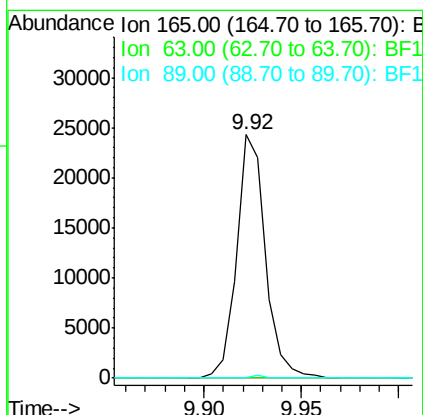
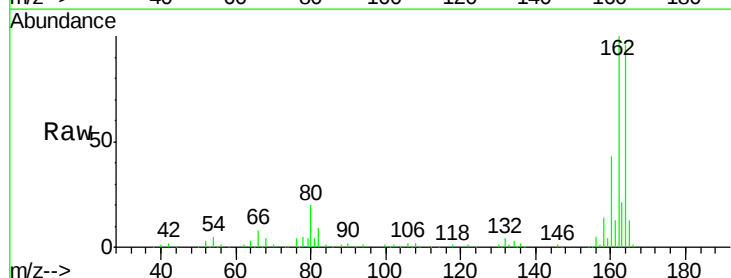
Instrument :
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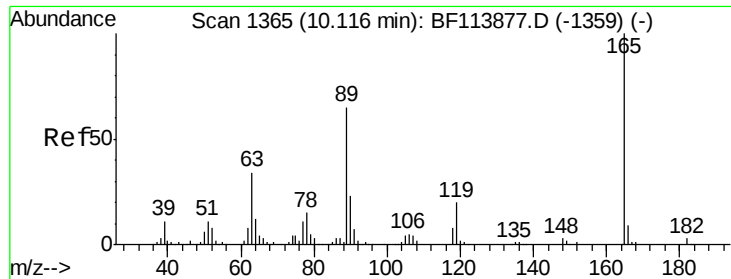
Tot Ion:172 Resp: 1180345
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.0 19.9 29.9



#51
2,6-Dinitrotoluene
Concen: 8.164 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.21 min
Lab File: BF114086.D
Acq: 2 May 2019 15:56

Tgt Ion:165 Resp: 24663
Ion Ratio Lower Upper
165 100
63 0.0 33.8 50.8#
89 0.0 38.2 57.2#

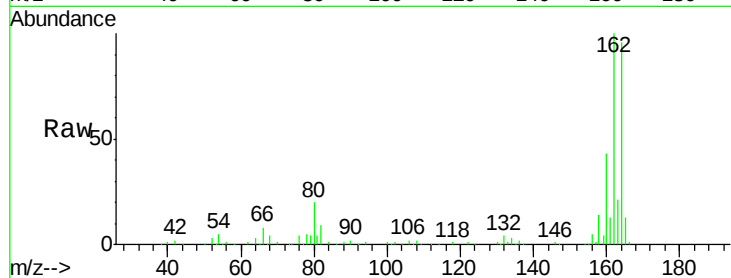




#57
 2,4-Dinitrotoluene
 Concen: 6.468 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.19 min
 Lab File: BF114086.D
 Acq: 2 May 2019 15:56

Instrument :
 BNA_F
 ClientSampleId :
 PB119394BL

Tot Ion:165	Resp:	24663
Ion Ratio	Lower	Upper
165	100	
63	0.0	27.4 41.0#
89	0.0	51.8 77.6#
182	0.0	2.2 3.2#

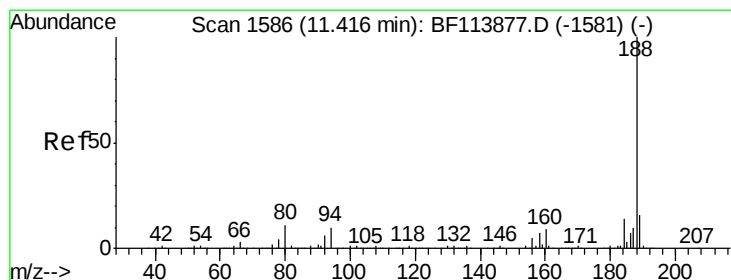
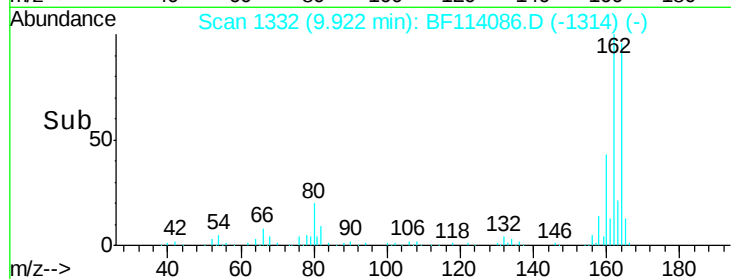
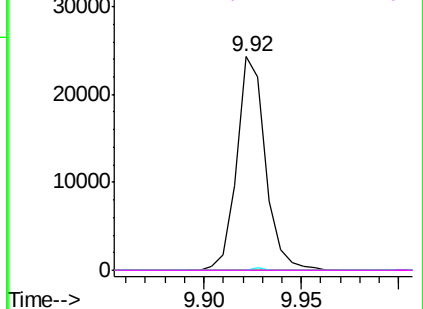


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

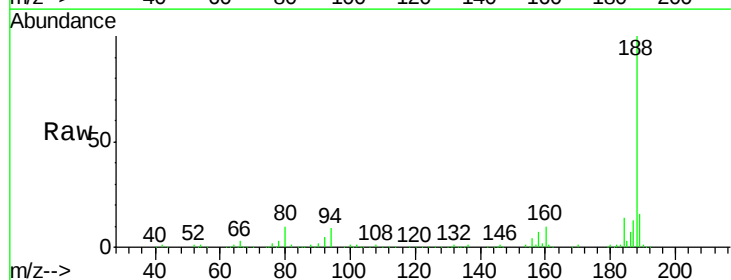
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.41 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: BF114086.D
 Acq: 2 May 2019 15:56

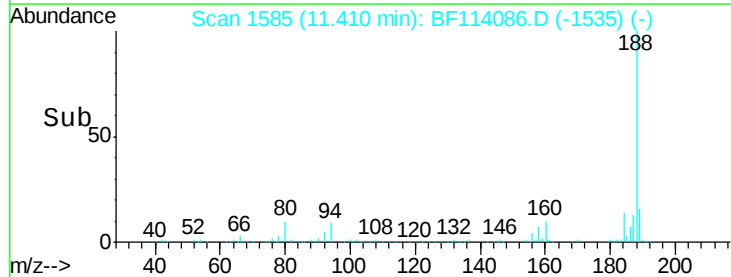
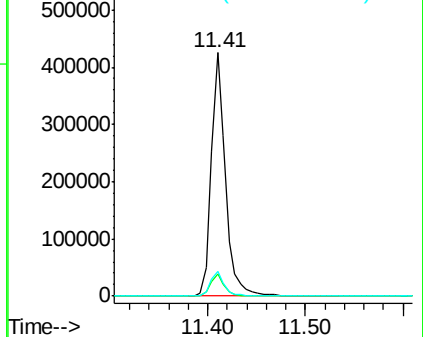
Tgt Ion:188	Resp:	426721
Ion Ratio	Lower	Upper
188	100	
94	8.9	8.2 12.4
80	10.2	9.0 13.6

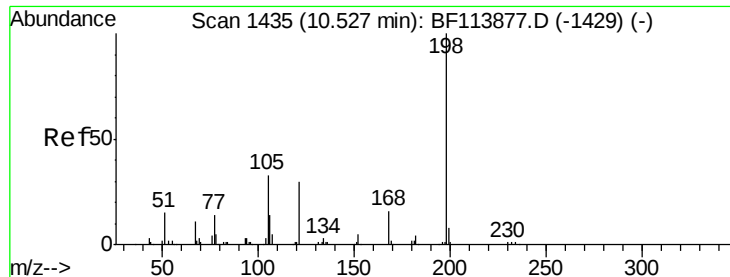


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 7.511 ng

RT: 10.72 min Scan# 1467

Delta R.T. 0.19 min

Lab File: BF114086.D

Acq: 2 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

PB119394BL

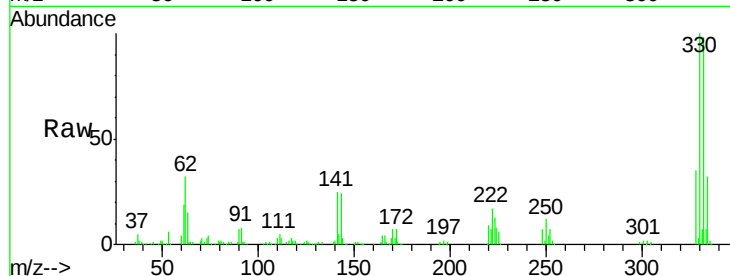
Tot Ion:198 Resp: 469

Ion Ratio Lower Upper

198 100

51 98.6 11.1 51.1#

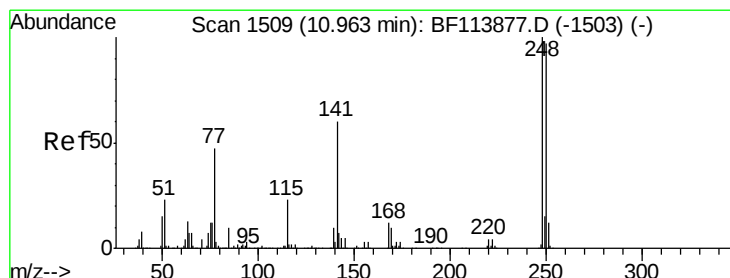
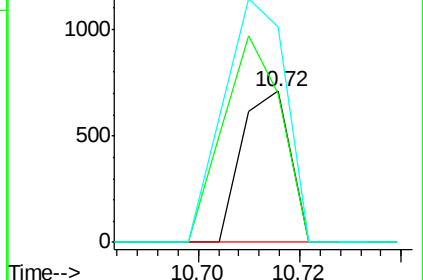
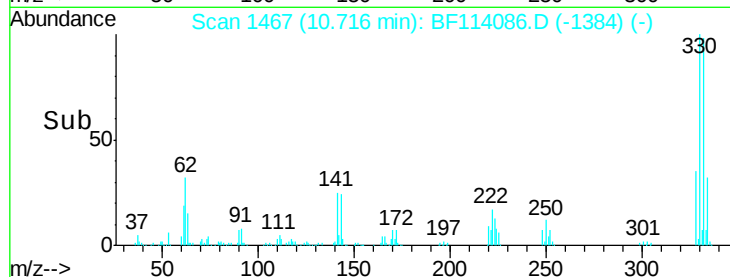
105 142.1 20.7 60.7#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#67

4-Bromophenyl-phenylether

Concen: 4.171 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.25 min

Lab File: BF114086.D

Acq: 2 May 2019 15:56

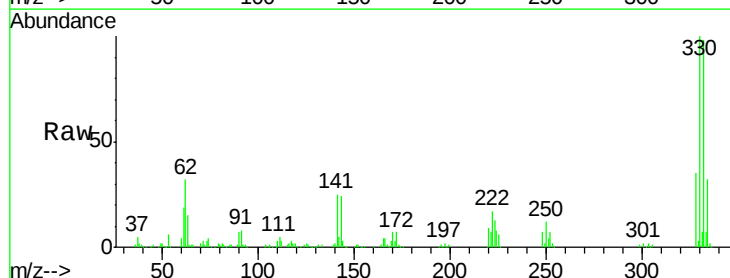
Tgt Ion:248 Resp: 21502

Ion Ratio Lower Upper

248 100

250 186.8 75.8 113.6#

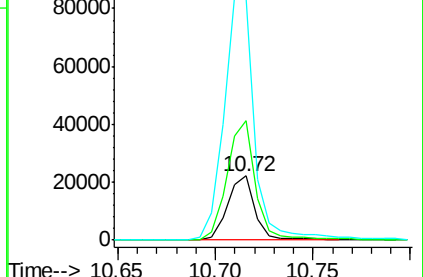
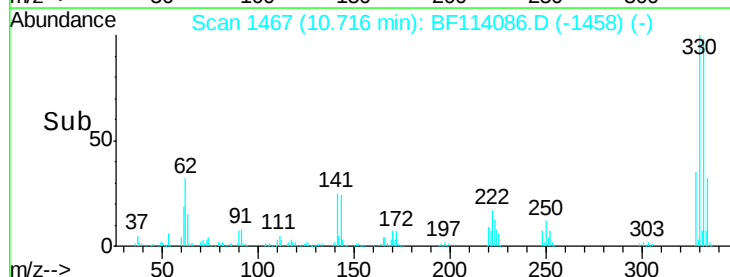
141 378.6 50.2 75.4#

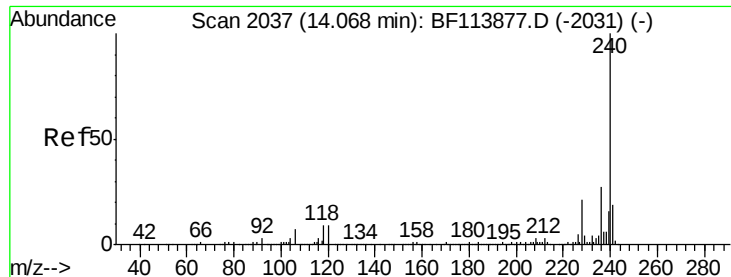


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.05 min Scan# 2034

Delta R.T. -0.02 min

Lab File: BF114086.D

Acq: 2 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

PB119394BL

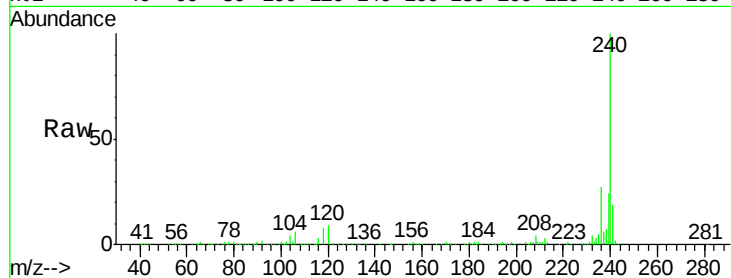
Tot Ion:240 Resp: 396507

Ion Ratio Lower Upper

240 100

120 8.7 9.3 13.9#

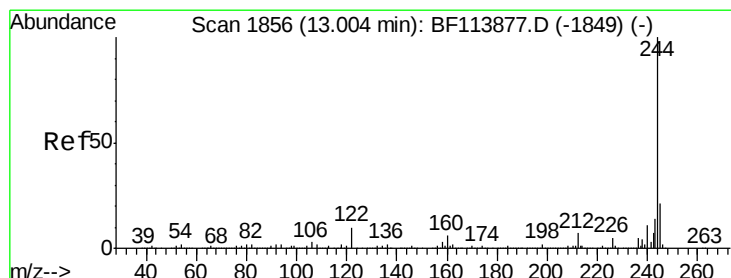
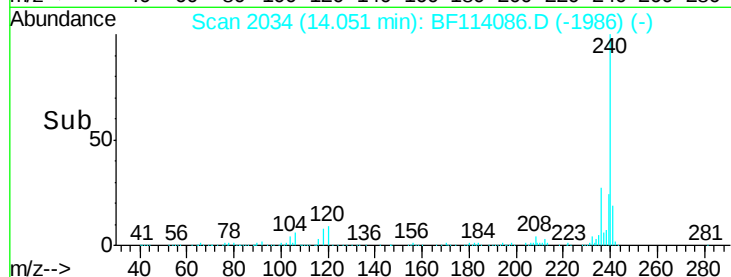
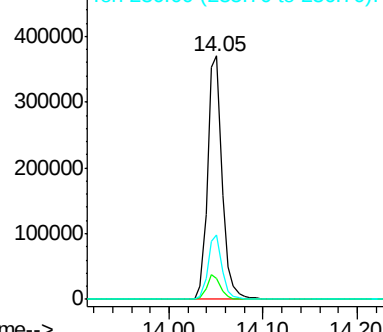
236 26.7 21.2 31.8



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: 83.356 ng

RT: 13.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BF114086.D

Acq: 2 May 2019 15:56

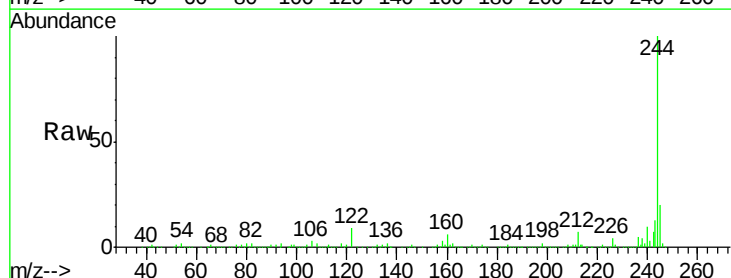
Tgt Ion:244 Resp: 1612149

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

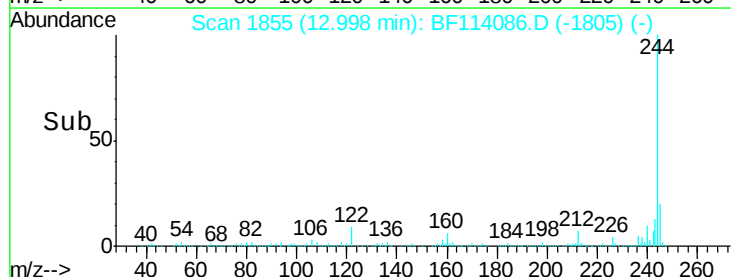
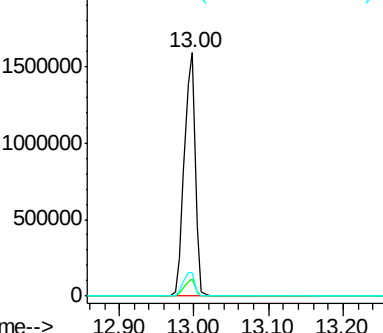
122 9.4 7.6 11.4

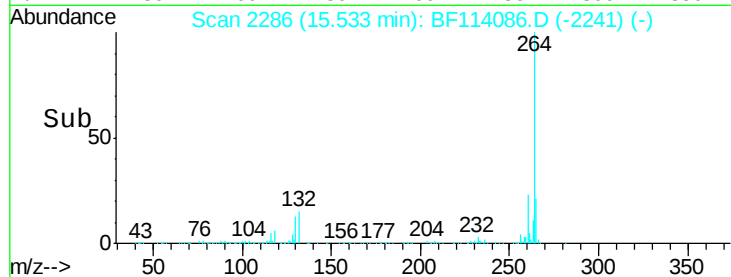
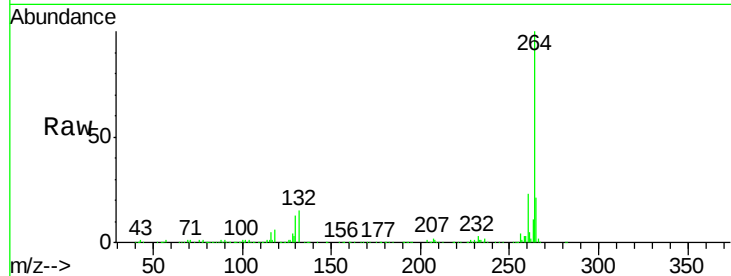
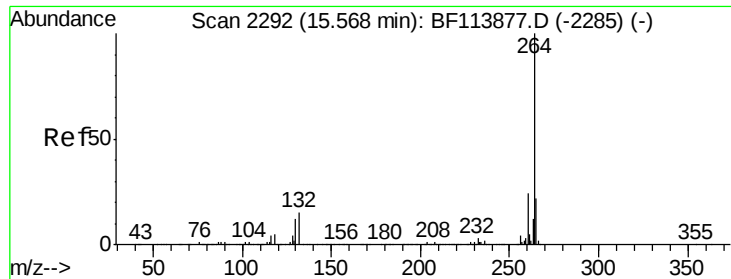


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.53 min Scan# 2286

Delta R.T. -0.04 min

Lab File: BF114086.D

Acq: 2 May 2019 15:56

Instrument :

BNA_F

ClientSampleId :

PB119394BL

Tot Ion:264 Resp: 417370

Ion Ratio Lower Upper

264 100

260 23.3 18.9 28.3

265 21.0 17.3 25.9

