

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
 Data File : BF121275.D
 Acq On : 13 Aug 2020 17:32
 Operator : JU/CG
 Sample : L3653-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCK

Quant Time: Aug 13 17:57:07 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 13 15:23:26 2020
 Response via : Initial Calibration

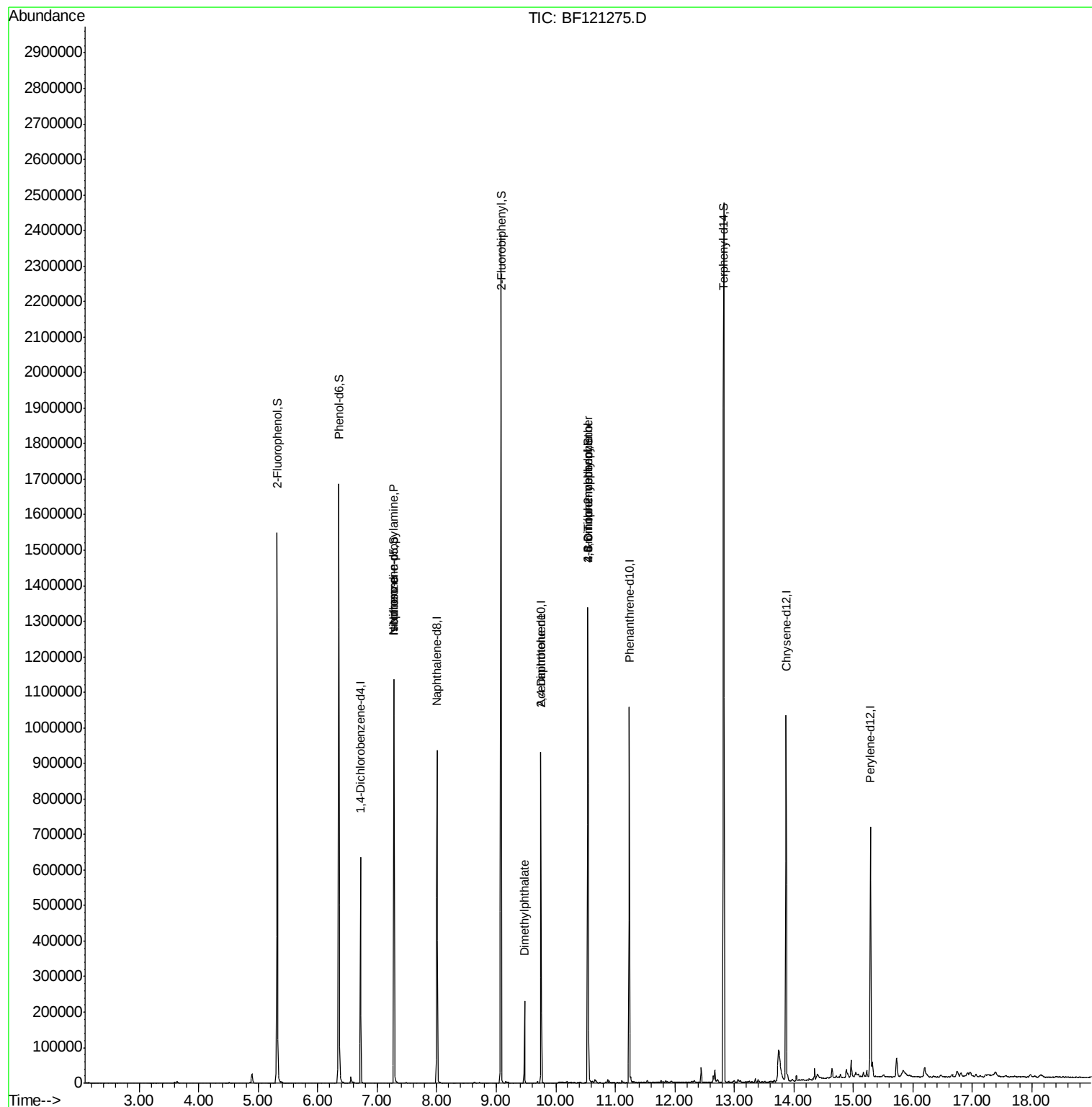
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	94316	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	362815	20.00	ng	0.00
39) Acenaphthene-d10	9.75	164	189832	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	373389	20.00	ng	0.00
76) Chrysene-d12	13.87	240	317078	20.00	ng	0.00
86) Perylene-d12	15.29	264	299652	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	449513	72.26	ng	0.01
7) Phenol-d6	6.36	99	544169	67.88	ng	0.00
23) Nitrobenzene-d5	7.28	82	351104	52.89	ng	0.00
42) 2,4,6-Tribromophenol	10.54	330	163208	69.83	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	683353	49.80	ng	0.00
79) Terphenyl-d14	12.82	244	767385	47.18	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.28	70	45317	10.174	ng	# 78
25) Isophorone	7.28	82	351100	26.342	ng	# 62
50) Dimethylphthalate	9.47	163	84918	5.945	ng	100
57) 2,4-Dinitrotoluene	9.75	165	24213	5.794	ng	# 26
65) 4,6-Dinitro-2-methylphenol	10.54	198	149	5.990	ng	# 1
67) 4-Bromophenyl-phenylether	10.54	248	9420	2.163	ng	# 1

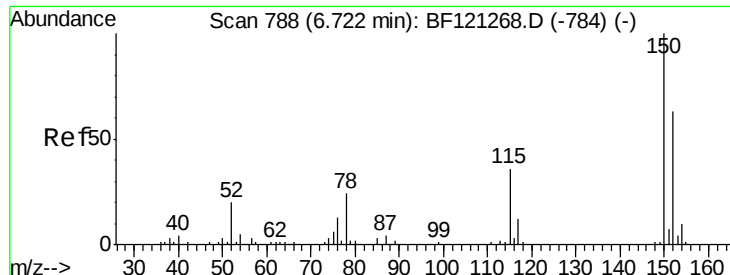
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
Data File : BF121275.D
Acq On : 13 Aug 2020 17:32
Operator : JU/CG
Sample : L3653-02
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BW-STOCK

Quant Time: Aug 13 17:57:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF081320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 13 15:23:26 2020
Response via : Initial Calibration



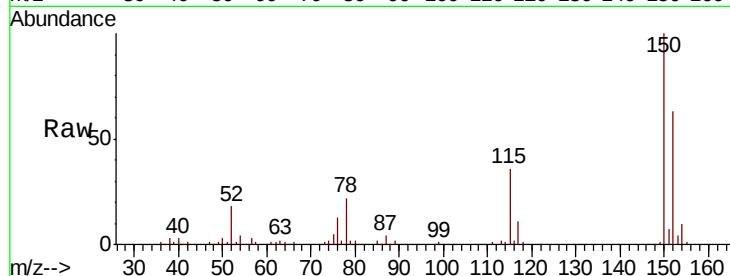


#1

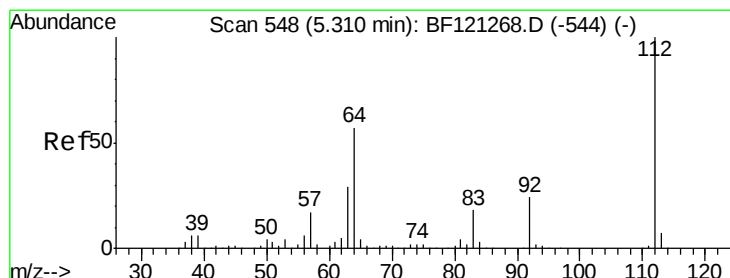
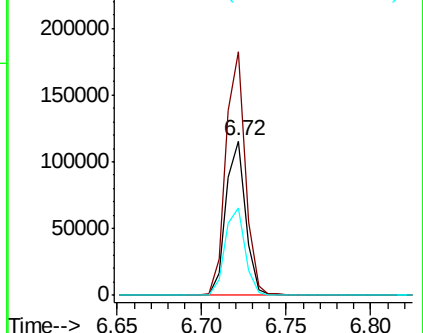
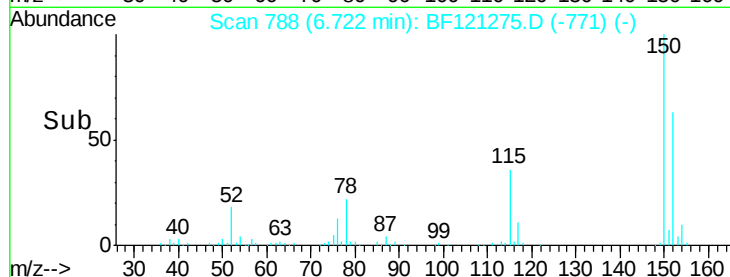
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF121275.D
Acq: 13 Aug 2020 17:32

Instrument :
BNA_F
ClientSampleId :
BW-STOCK

Tot Ion:152 Resp: 94316
Ion Ratio Lower Upper
152 100
150 158.0 129.0 193.6
115 56.5 49.0 73.4



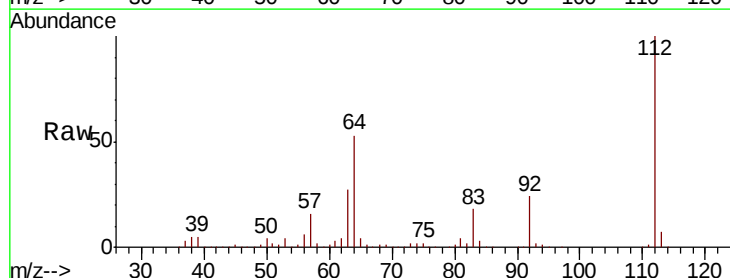
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



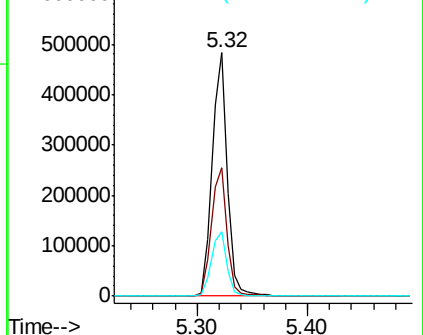
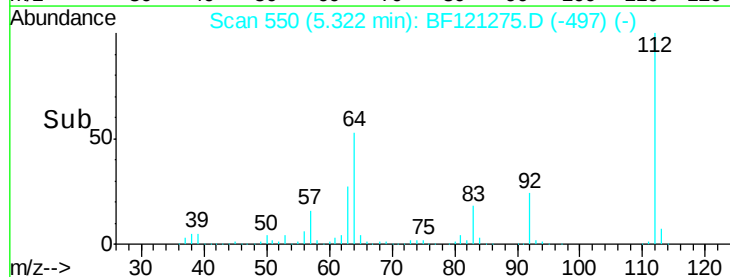
#5

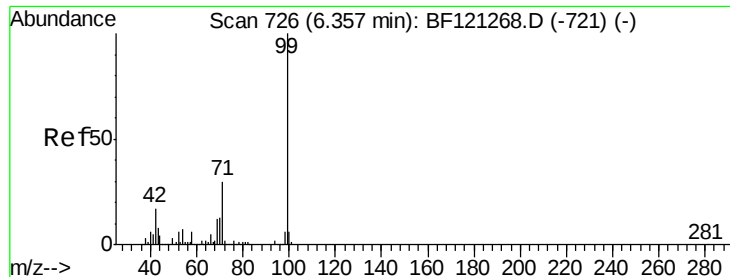
2-Fluorophenol
Concen: 72.256 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF121275.D
Acq: 13 Aug 2020 17:32

Tgt Ion:112 Resp: 449513
Ion Ratio Lower Upper
112 100
64 52.9 45.4 68.2
63 26.6 23.0 34.6



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: 67.879 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF121275.D

Acq: 13 Aug 2020 17:32

Instrument :

BNA_F

ClientSampleId :

BW-STOCK

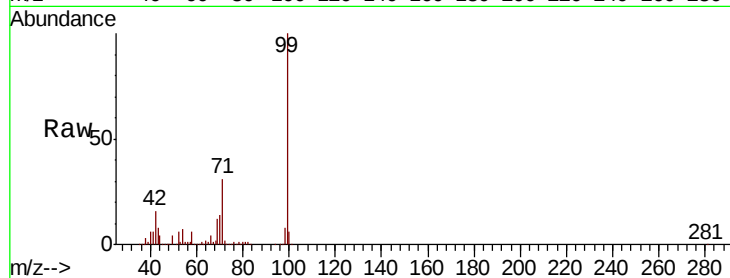
Tot Ion: 99 Resp: 544169

Ion Ratio Lower Upper

99 100

42 16.4 13.1 19.7

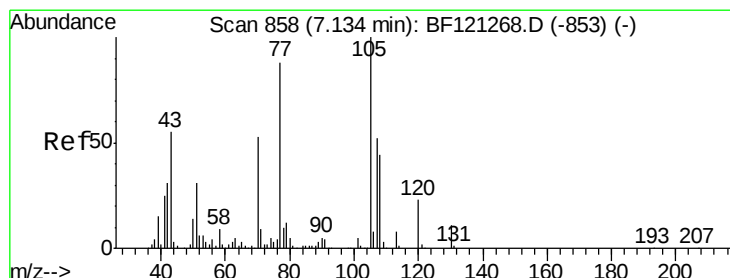
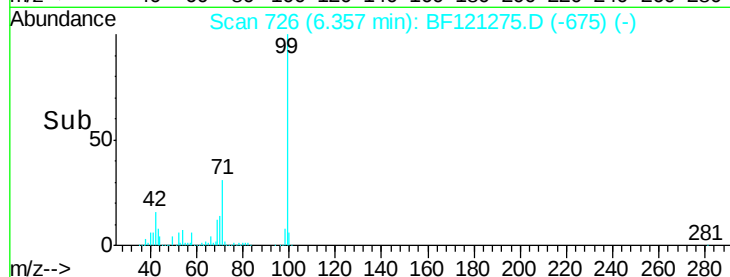
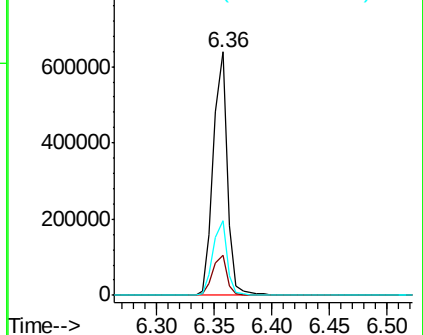
71 30.6 23.7 35.5



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: 10.174 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF121275.D

Acq: 13 Aug 2020 17:32

Tgt Ion: 70 Resp: 45317

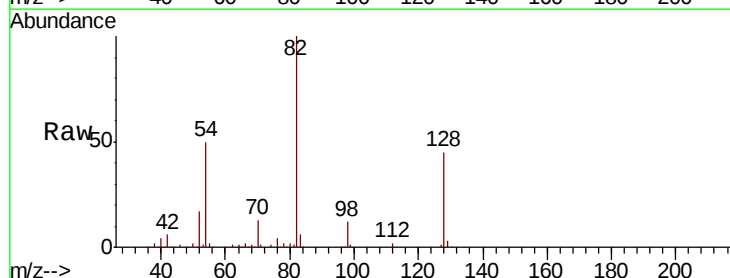
Ion Ratio Lower Upper

70 100

42 46.7 45.6 68.4

101 0.0 7.8 11.8#

130 2.4 18.2 27.2#

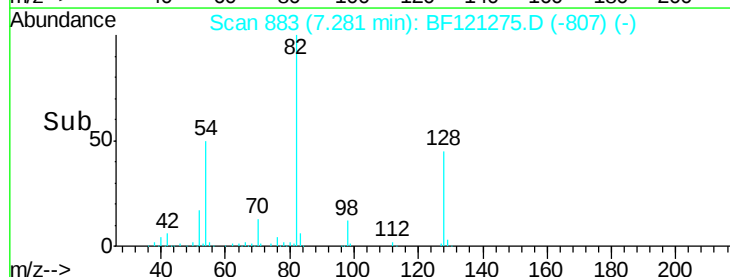
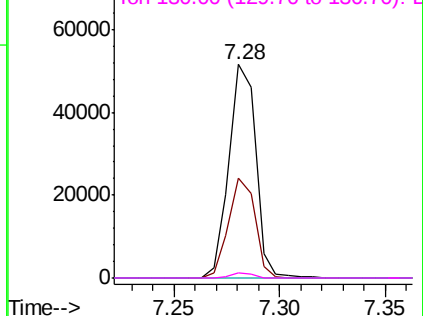


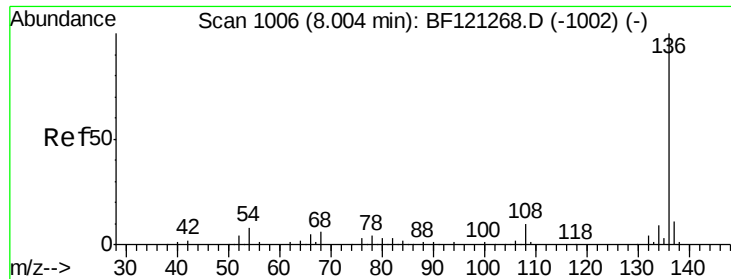
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

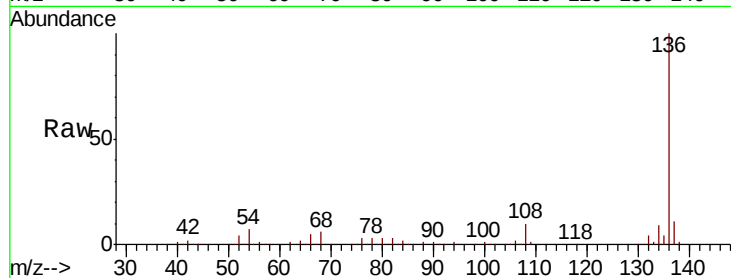




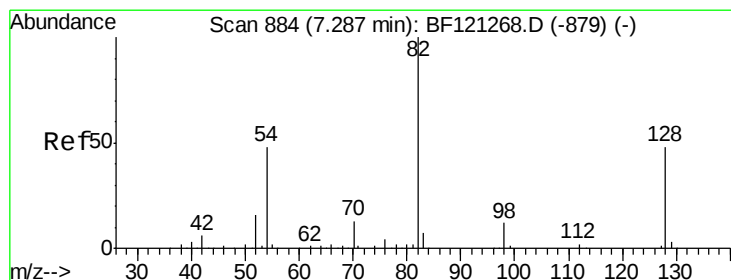
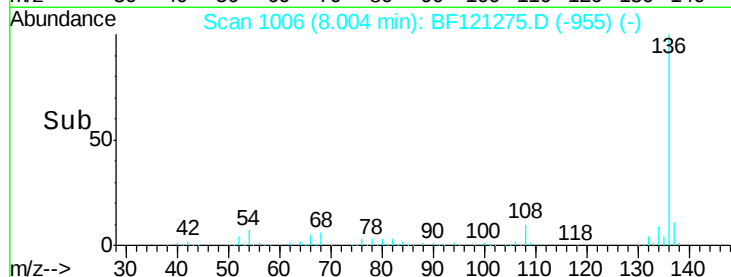
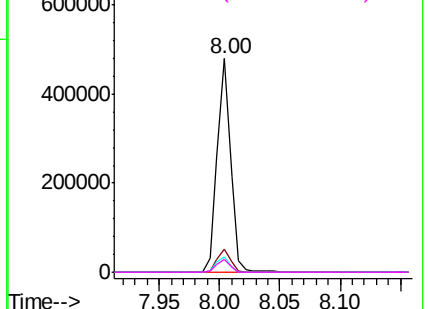
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF121275.D
Acq: 13 Aug 2020 17:32

Instrument :
BNA_F
ClientSampleId :
BW-STOCK

Tot Ion:136	Resp:	362815
Ion	Ratio	Lower Upper
136	100	
137	10.9	8.6 13.0
54	7.1	5.3 7.9
68	5.9	4.2 6.2

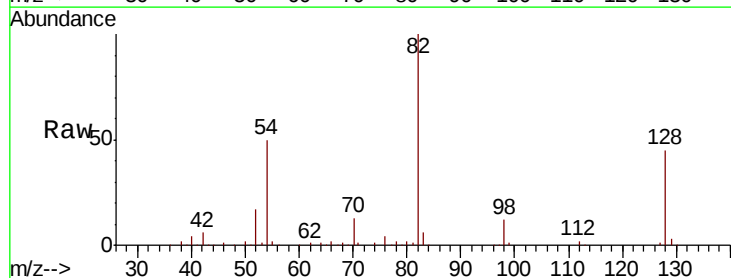


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

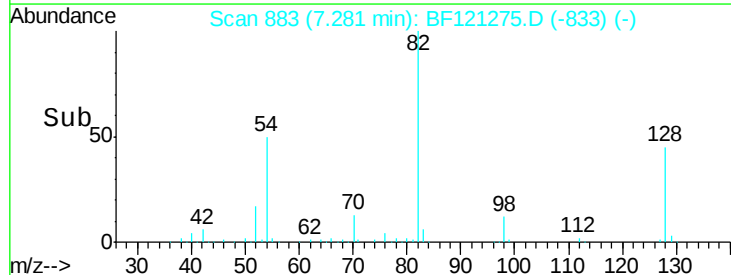
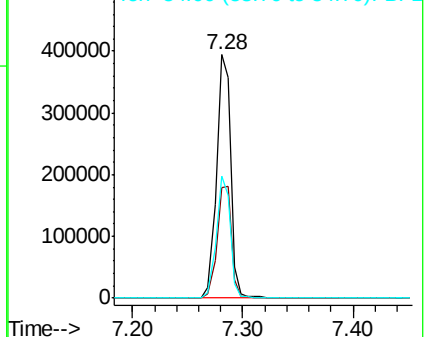


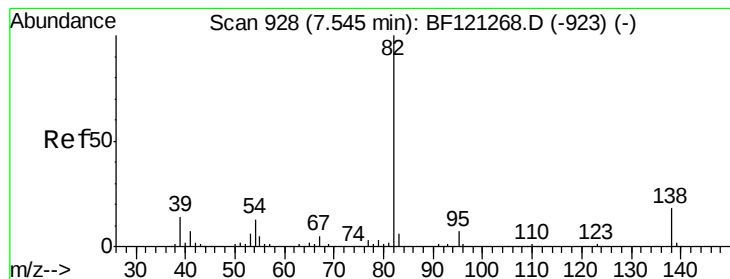
#23
Nitrobenzene-d5
Concen: 52.889 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF121275.D
Acq: 13 Aug 2020 17:32

Tgt Ion: 82	Resp:	351104
Ion	Ratio	Lower Upper
82	100	
128	45.4	39.8 59.8
54	50.2	37.7 56.5



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: 26.342 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.26 min

Lab File: BF121275.D

Acq: 13 Aug 2020 17:32

Instrument :

BNA_F

ClientSampleId :

BW-STOCK

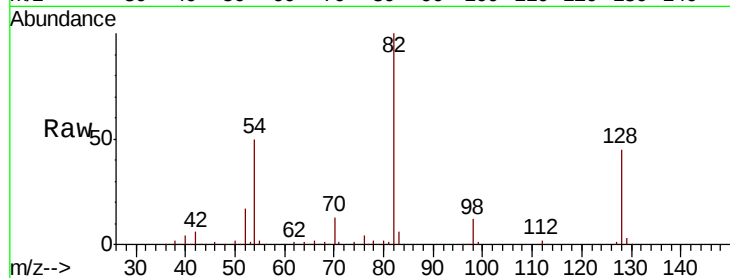
Tot Ion: 82 Resp: 351100

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

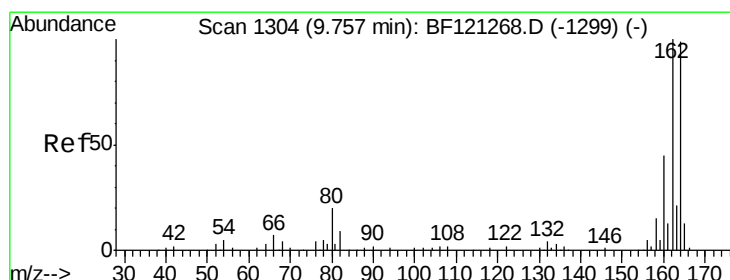
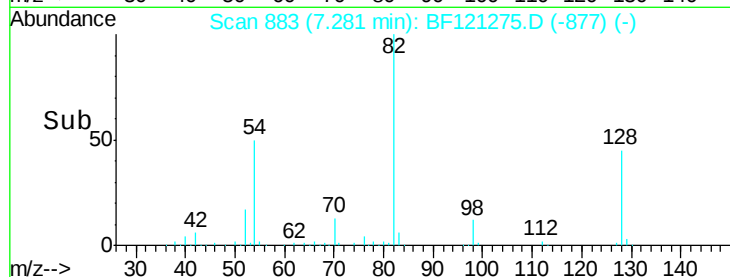
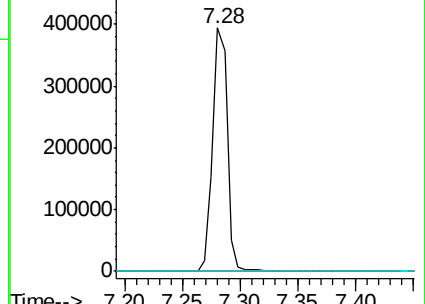
138 0.0 16.0 24.0#



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: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF121275.D

Acq: 13 Aug 2020 17:32

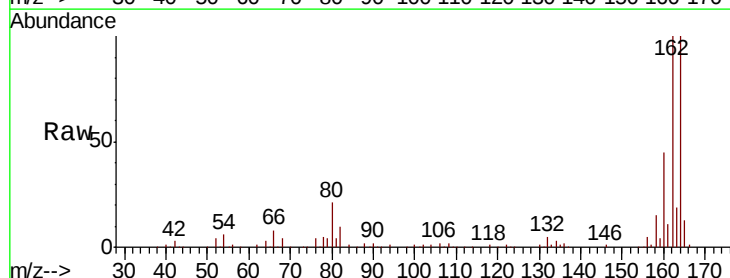
Tgt Ion:164 Resp: 189832

Ion Ratio Lower Upper

164 100

162 99.6 81.2 121.8

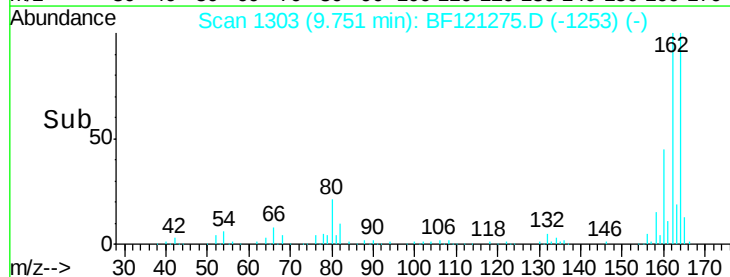
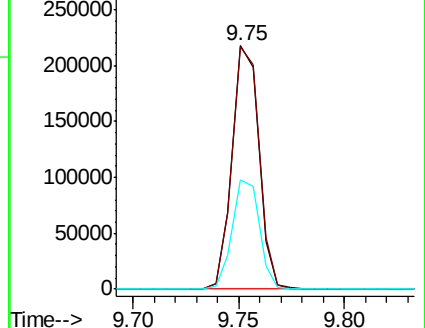
160 45.1 36.9 55.3

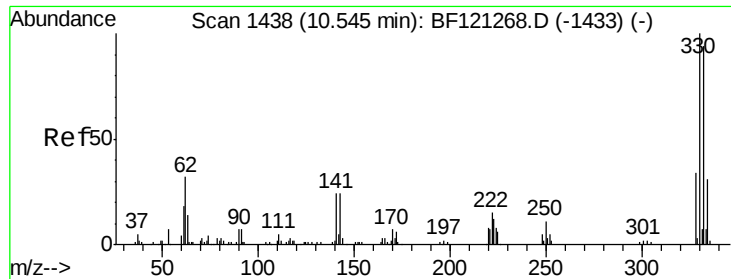


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

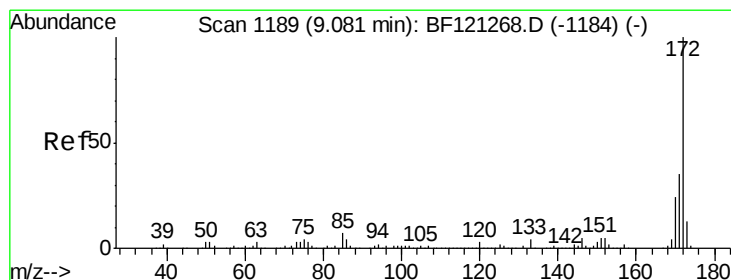
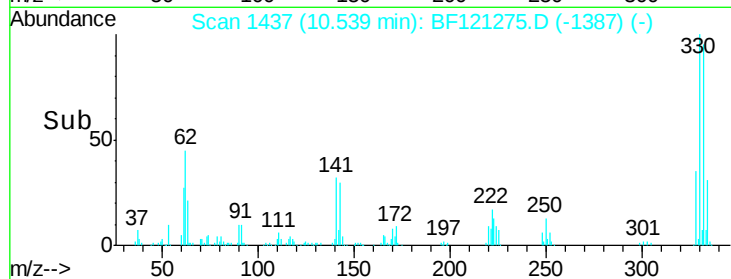
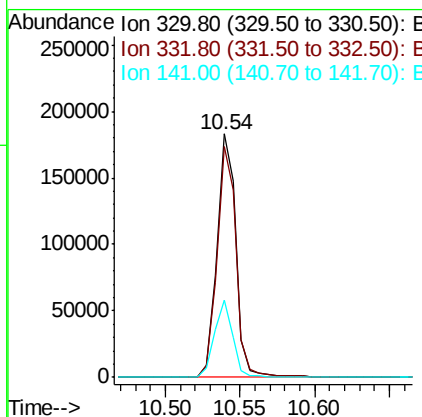
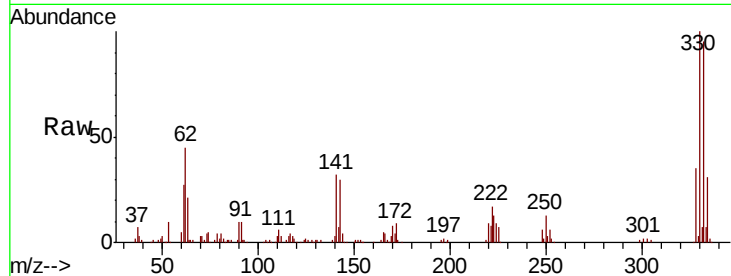




#42
 2,4,6-Tribromophenol
 Concen: 69.830 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.01 min
 Lab File: BF121275.D
 Acq: 13 Aug 2020 17:32

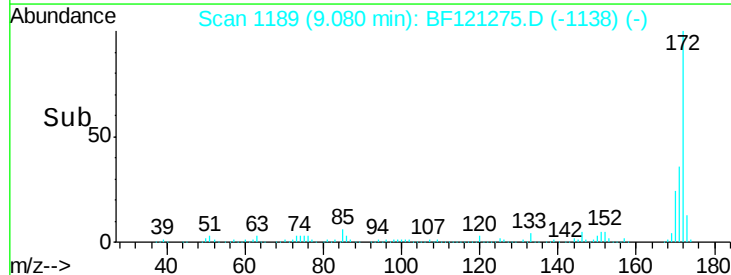
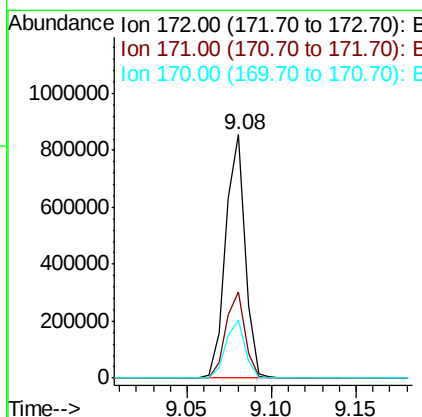
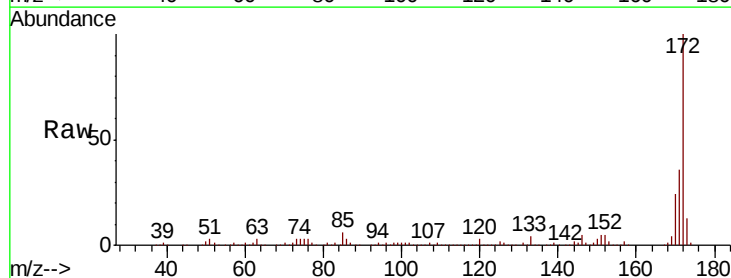
Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCK

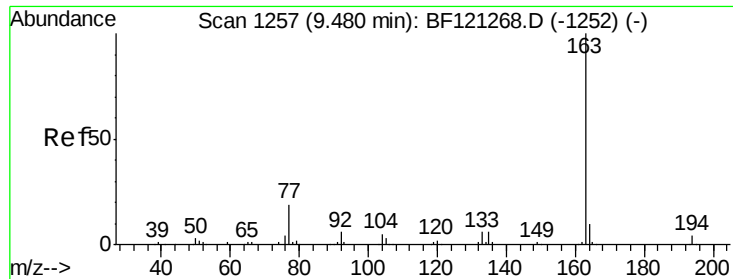
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	75.4	113.0
141	30.4	23.4	35.2



#45
 2-Fluorobiphenyl
 Concen: 49.795 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.00 min
 Lab File: BF121275.D
 Acq: 13 Aug 2020 17:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.3	42.5
170	23.9	19.3	28.9





#50

Dimethylphthalate

Concen: 5.945 ng

RT: 9.47 min Scan# 1256

Delta R.T. -0.01 min

Lab File: BF121275.D

Acq: 13 Aug 2020 17:32

Instrument :

BNA_F

ClientSampleId :

BW-STOCK

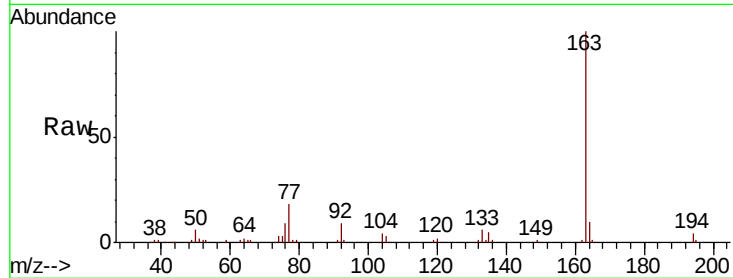
Tot Ion:163 Resp: 84918

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

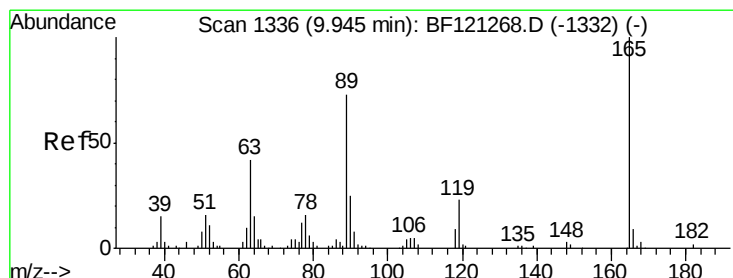
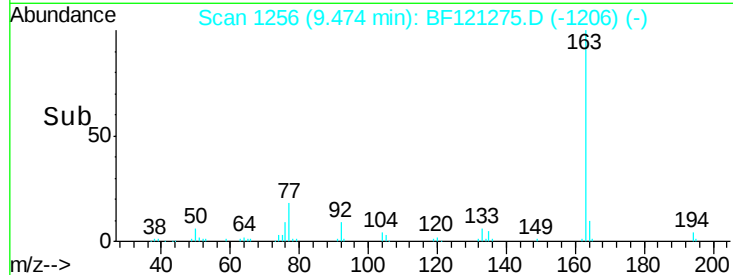
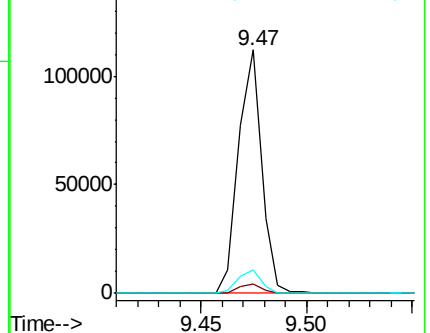
164 9.9 8.1 12.1



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



#57

2,4-Dinitrotoluene

Concen: 5.794 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.19 min

Lab File: BF121275.D

Acq: 13 Aug 2020 17:32

Tgt Ion:165 Resp: 24213

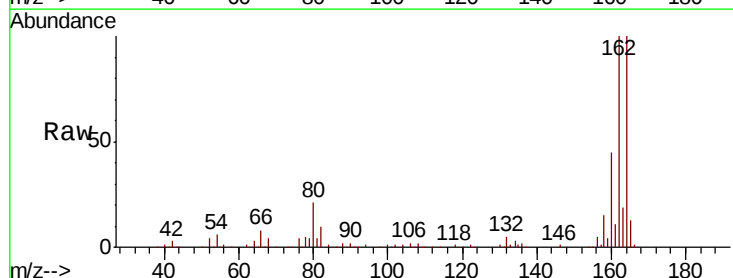
Ion Ratio Lower Upper

165 100

63 0.0 31.9 47.9#

89 1.2 53.6 80.4#

182 0.0 1.8 2.6#

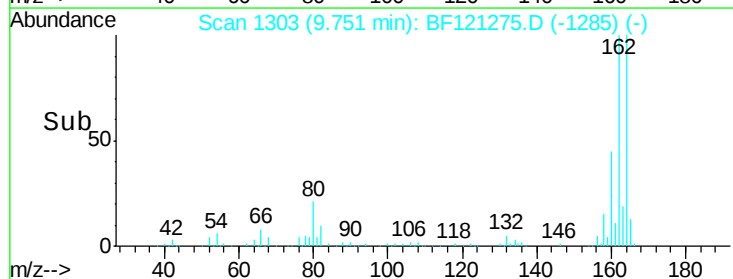
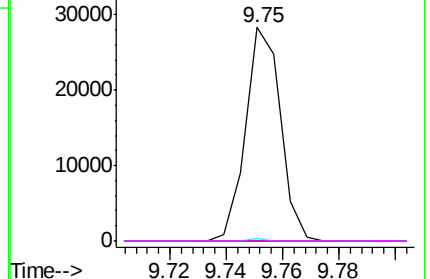


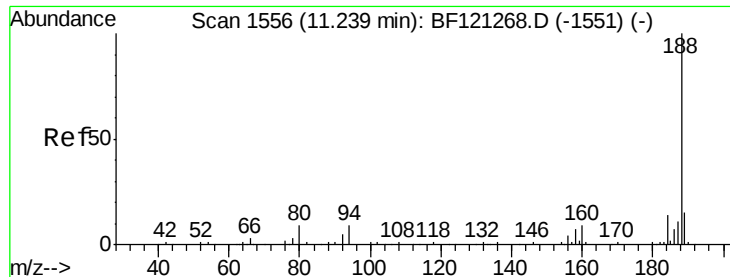
Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.23 min Scan# 1555

Delta R.T. -0.01 min

Lab File: BF121275.D

Acq: 13 Aug 2020 17:32

Instrument :

BNA_F

ClientSampleId :

BW-STOCK

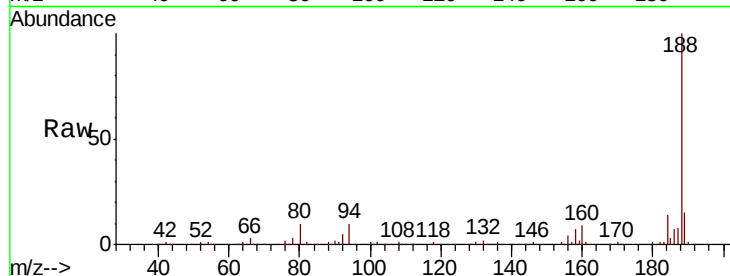
Tot Ion:188 Resp: 373389

Ion Ratio Lower Upper

188 100

94 9.7 7.0 10.6

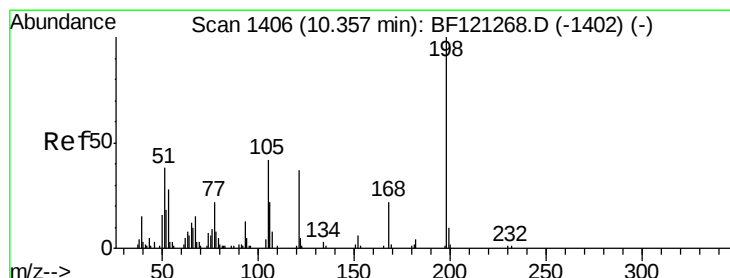
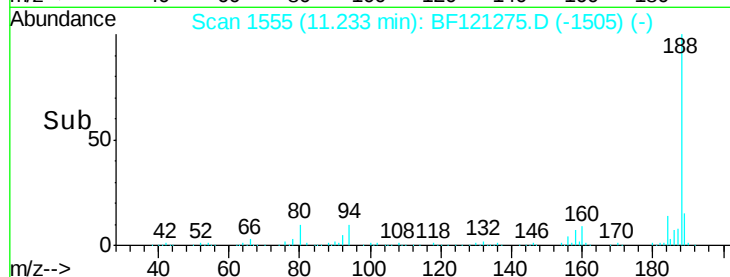
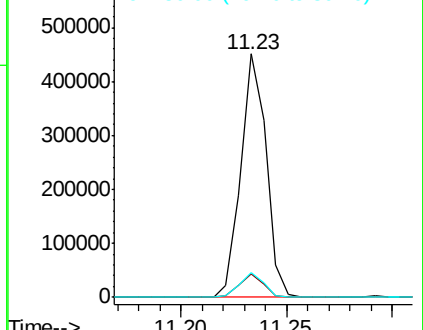
80 10.1 7.4 11.0



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: 5.990 ng

RT: 10.54 min Scan# 1437

Delta R.T. 0.18 min

Lab File: BF121275.D

Acq: 13 Aug 2020 17:32

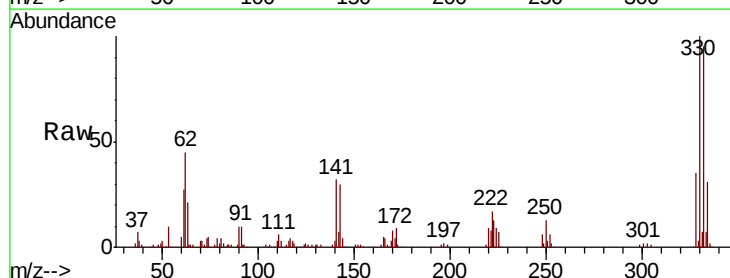
Tgt Ion:198 Resp: 149

Ion Ratio Lower Upper

198 100

51 206.2 29.1 69.1#

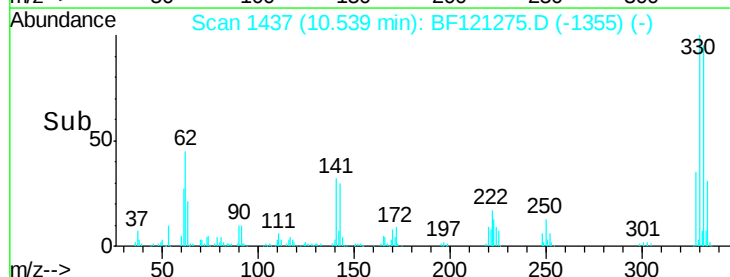
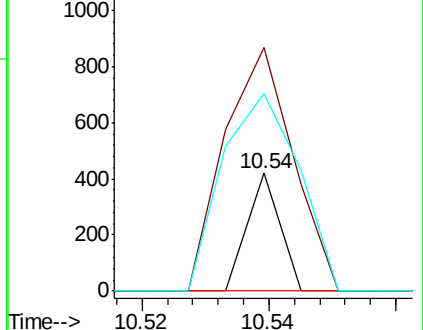
105 166.7 28.3 68.3#

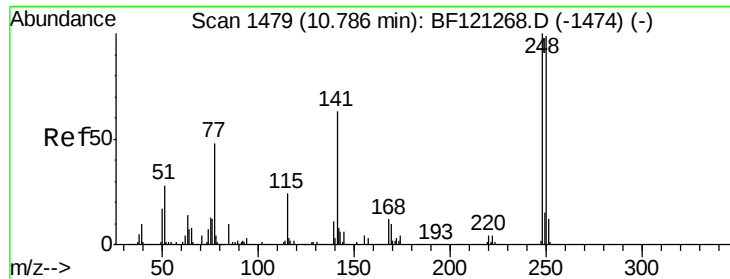


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

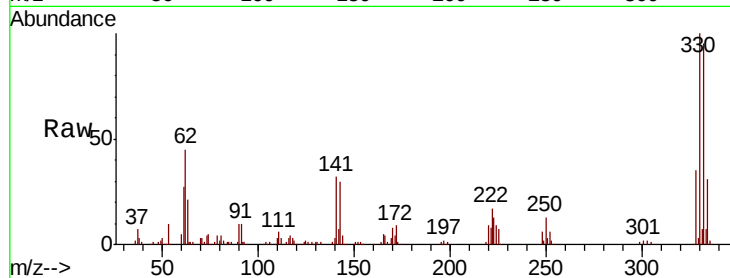




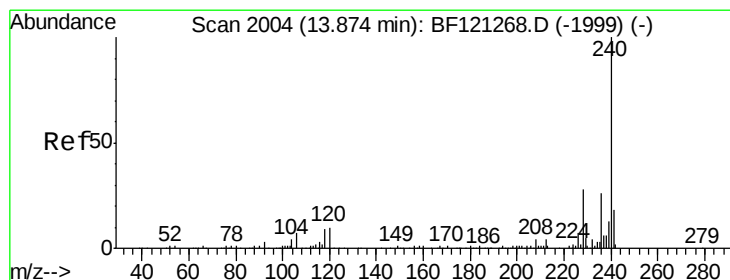
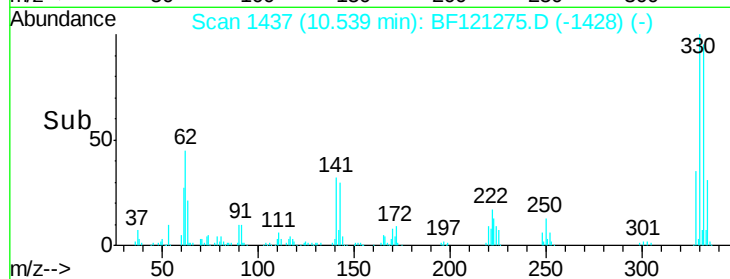
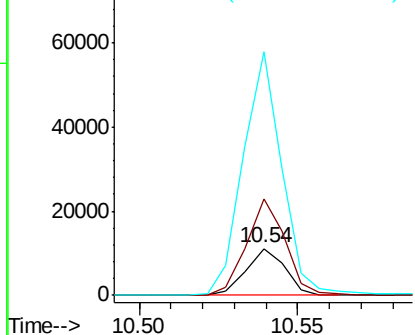
#67
 4-Bromophenyl-phenylether
 Concen: 2.163 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF121275.D
 Acq: 13 Aug 2020 17:32

Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCK

Tot Ion:248 Resp: 9420
 Ion Ratio Lower Upper
 248 100
 250 207.5 77.7 116.5#
 141 521.3 53.4 80.2#

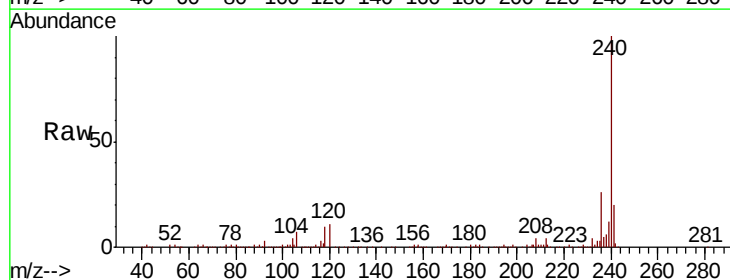


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

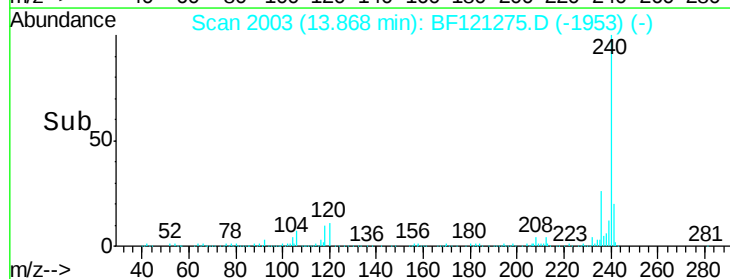
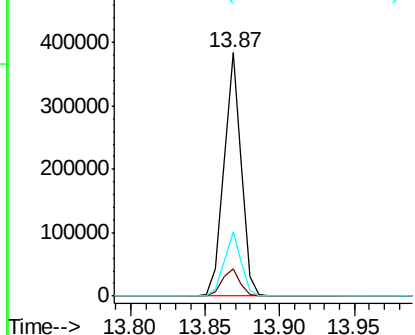


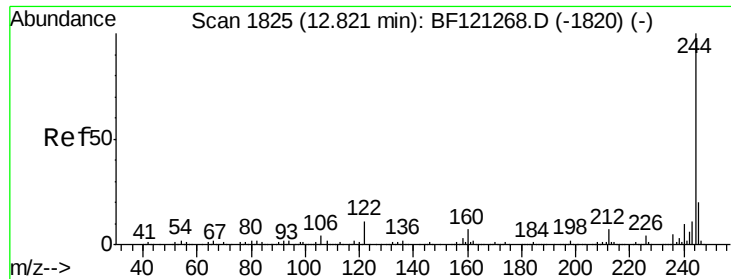
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF121275.D
 Acq: 13 Aug 2020 17:32

Tgt Ion:240 Resp: 317078
 Ion Ratio Lower Upper
 240 100
 120 11.1 9.2 13.8
 236 26.3 21.0 31.4



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

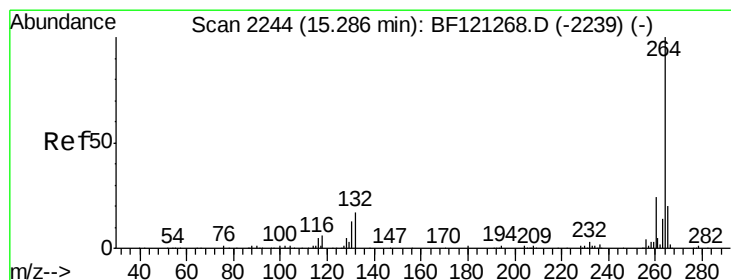
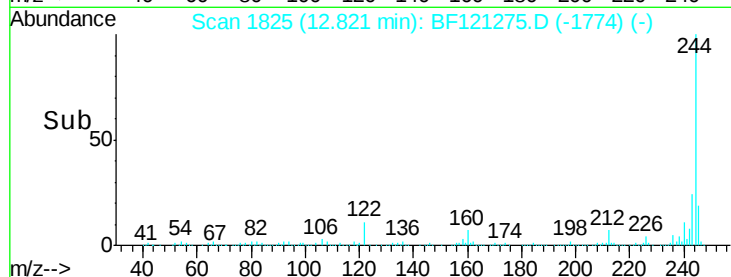
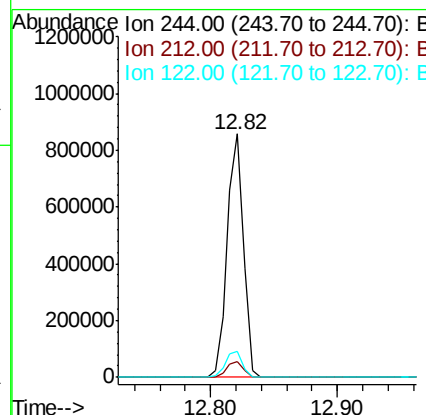
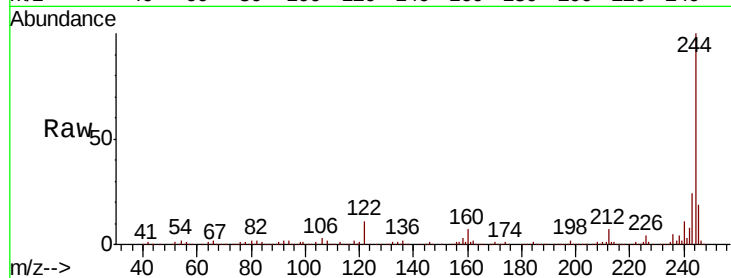




#79
 Terphenyl-d14
 Concen: 47.178 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF121275.D
 Acq: 13 Aug 2020 17:32

Instrument :
 BNA_F
 ClientSampleId :
 BW-STOCK

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.5	8.3
122	10.8	9.1	13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.29 min Scan# 2244
 Delta R.T. -0.00 min
 Lab File: BF121275.D
 Acq: 13 Aug 2020 17:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	21.3	17.1	25.7

