

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
 Data File : BF121820.D
 Acq On : 5 Oct 2020 16:40
 Operator : JU/CG
 Sample : PB132087BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB132087BL

Quant Time: Oct 05 17:15:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 01 14:29:14 2020
 Response via : Initial Calibration

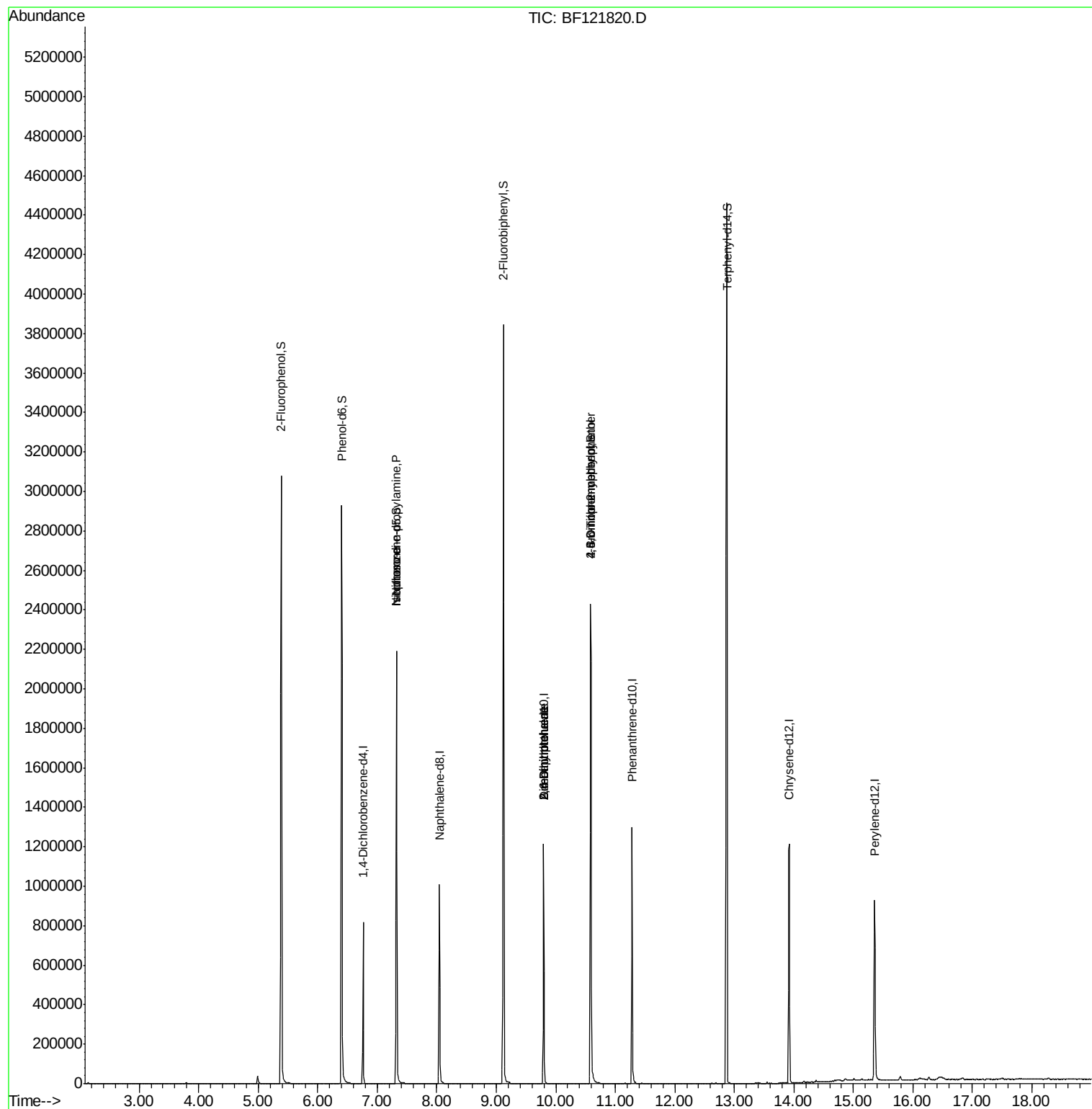
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	117502	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	465634	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	248800	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	493255	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	447928	20.00	ng	-0.01
86) Perylene-d12	15.36	264	422876	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	871189	110.19	ng	0.00
7) Phenol-d6	6.40	99	1111653	107.17	ng	-0.01
23) Nitrobenzene-d5	7.33	82	769216	88.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	361734	116.98	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	1348221	82.07	ng	-0.01
79) Terphenyl-d14	12.87	244	1634847	73.94	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.33	70	100903	16.878	ng	# 78
25) Isophorone	7.33	82	769211	44.062	ng	# 67
50) Dimethylphthalate	9.80	163	51417	2.851	ng	# 1
51) 2,6-Dinitrotoluene	9.80	165	30945	8.058	ng	# 21
57) 2,4-Dinitrotoluene	9.80	165	30945	6.405	ng	# 20
65) 4,6-Dinitro-2-methylphenol	10.59	198	578	7.016	ng	# 1
67) 4-Bromophenyl-phenylether	10.59	248	20261	3.608	ng	# 1

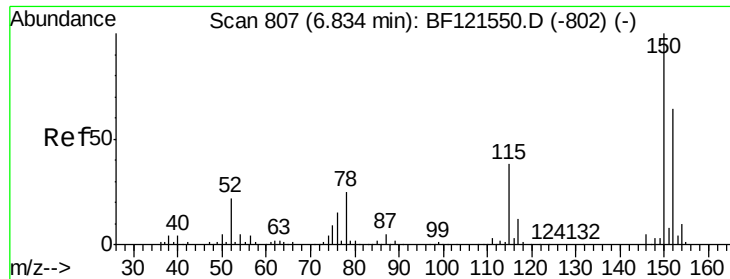
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
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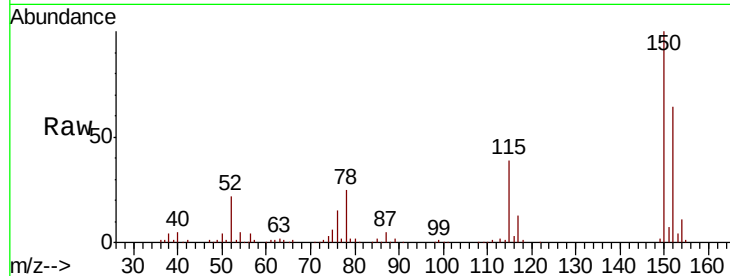


#1

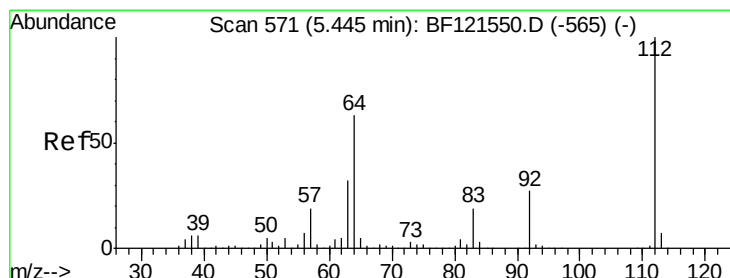
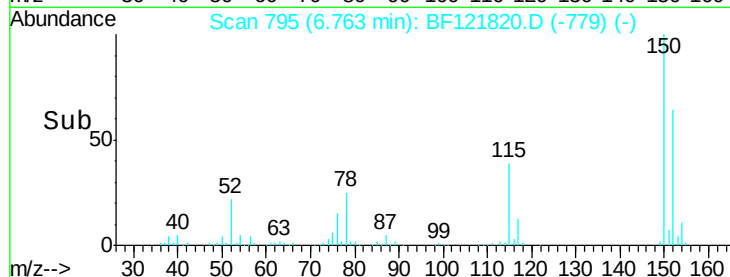
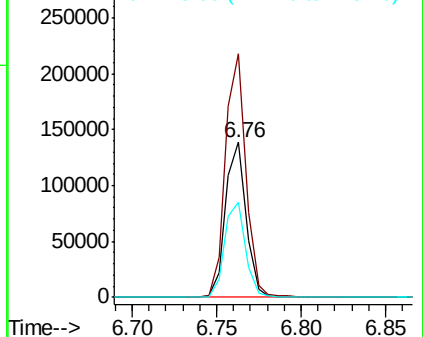
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121820.D
Acq: 5 Oct 2020 16:40

Instrument :
BNA_F
ClientSampleId :
PB132087BL

Tot Ion:152 Resp: 117502
Ion Ratio Lower Upper
152 100
150 157.1 125.3 187.9
115 61.6 51.9 77.9



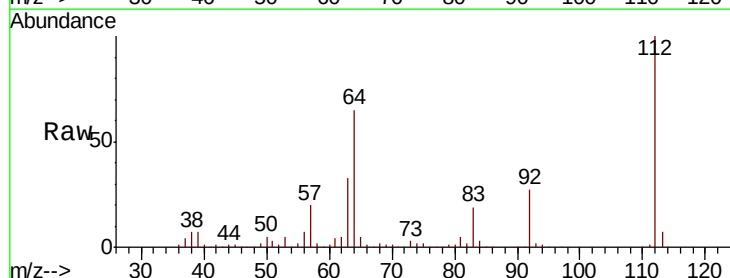
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



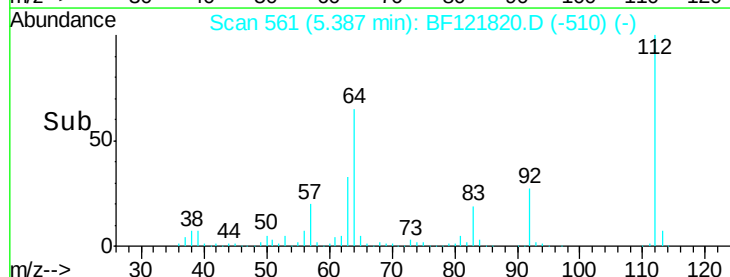
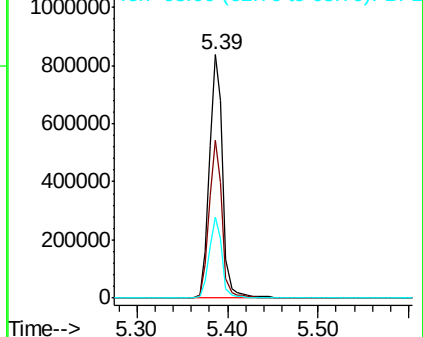
#5

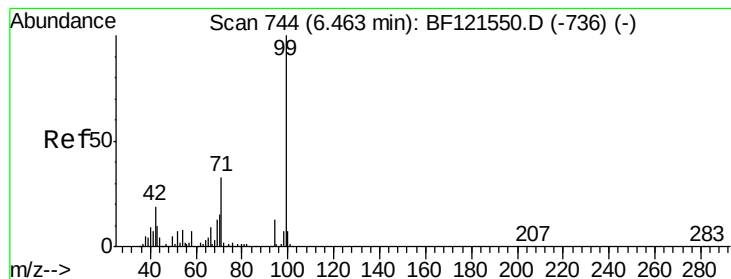
2-Fluorophenol
Concen: 110.185 ng
RT: 5.39 min Scan# 561
Delta R.T. -0.00 min
Lab File: BF121820.D
Acq: 5 Oct 2020 16:40

Tgt Ion:112 Resp: 871189
Ion Ratio Lower Upper
112 100
64 64.8 50.4 75.6
63 33.1 25.8 38.6



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: 107.168 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121820.D

Acq: 5 Oct 2020 16:40

Instrument :

BNA_F

ClientSampleId :

PB132087BL

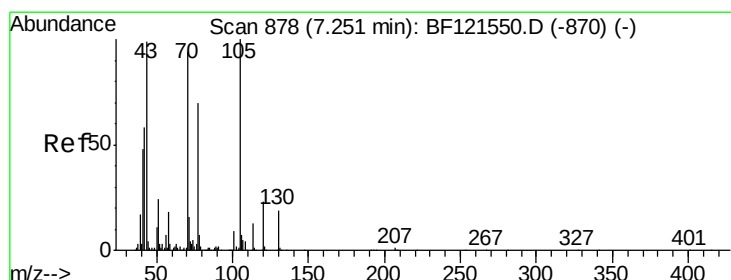
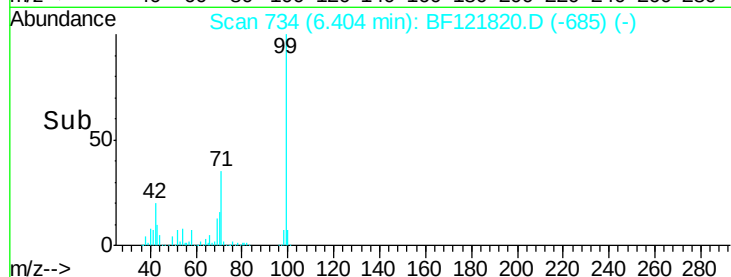
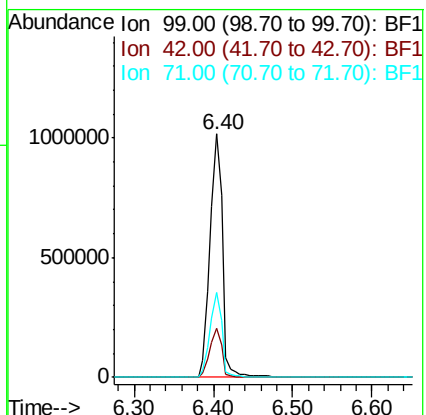
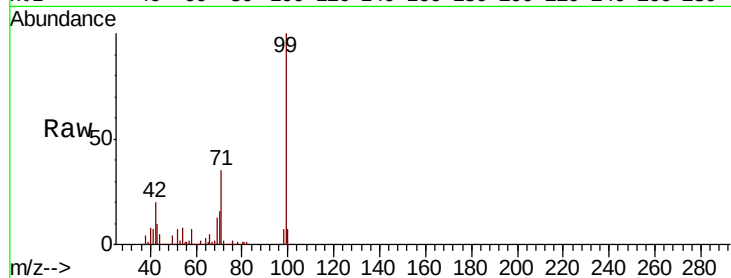
Tot Ion: 99 Resp: 1111653

Ion Ratio Lower Upper

99 100

42 20.4 15.9 23.9

71 34.8 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 16.878 ng

RT: 7.33 min Scan# 891

Delta R.T. 0.14 min

Lab File: BF121820.D

Acq: 5 Oct 2020 16:40

Tgt Ion: 70 Resp: 100903

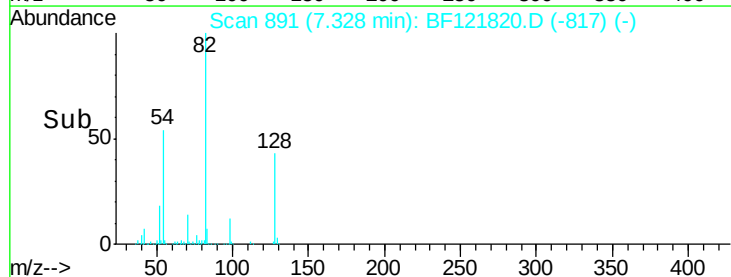
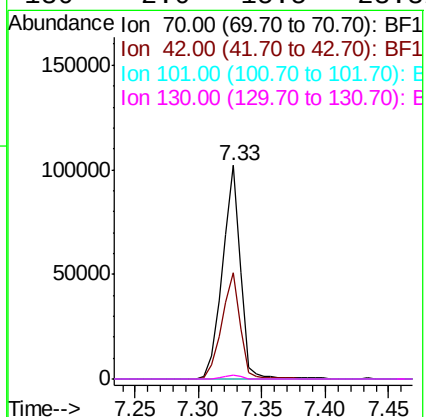
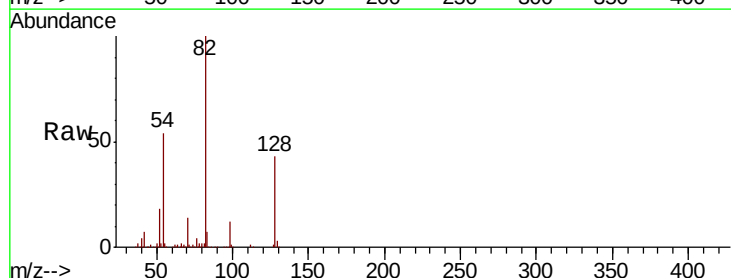
Ion Ratio Lower Upper

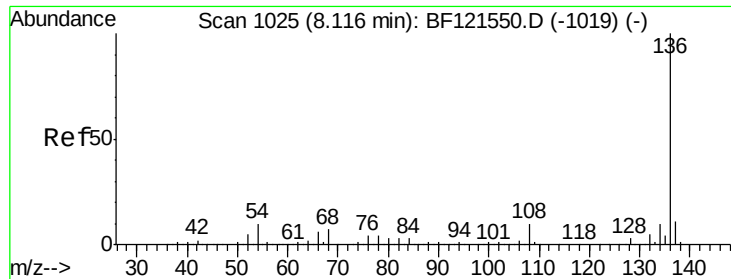
70 100

42 49.8 50.2 75.4#

101 0.0 7.5 11.3#

130 2.0 15.5 23.3#

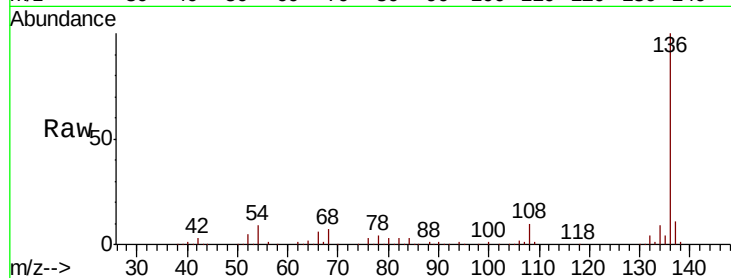




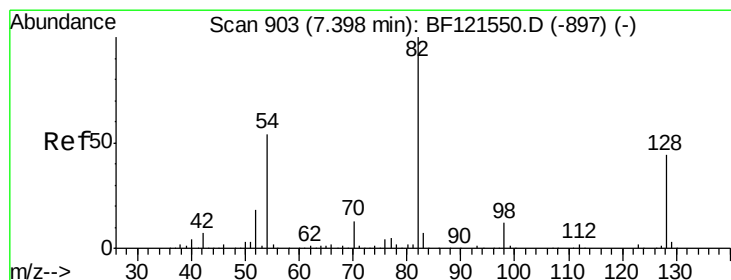
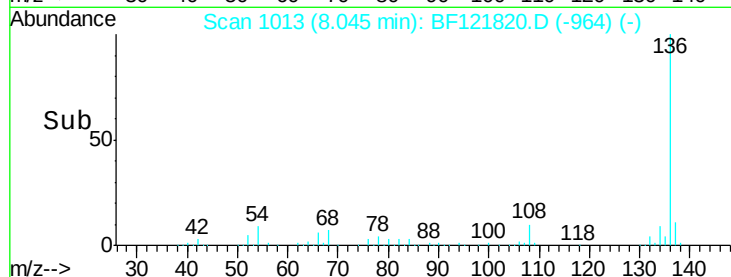
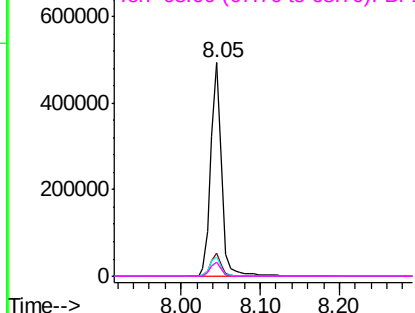
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF121820.D
Acq: 5 Oct 2020 16:40

Instrument :
BNA_F
ClientSampleId :
PB132087BL

Tot Ion:136	Resp:	465634
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.6 13.0
54	9.1	7.1 10.7
68	6.7	5.0 7.4

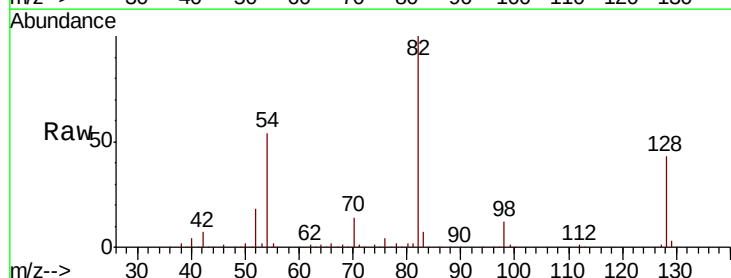


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

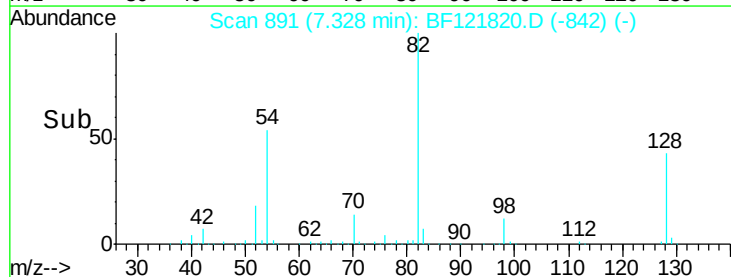
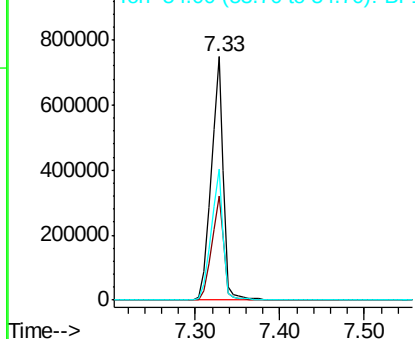


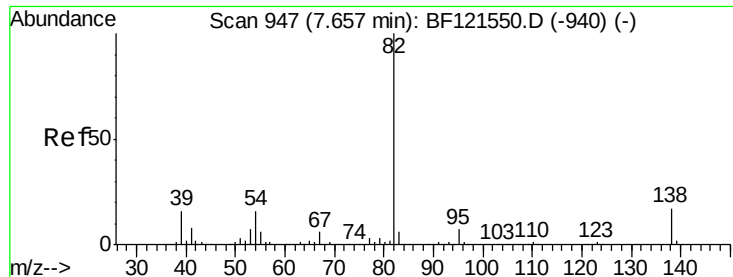
#23
Nitrobenzene-d5
Concen: 88.698 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121820.D
Acq: 5 Oct 2020 16:40

Tgt Ion: 82	Resp:	769216
Ion	Ratio	Lower Upper
82	100	
128	42.6	35.0 52.4
54	53.6	43.9 65.9



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: 44.062 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.27 min

Lab File: BF121820.D

Acq: 5 Oct 2020 16:40

Instrument :

BNA_F

ClientSampleID :

PB132087BL

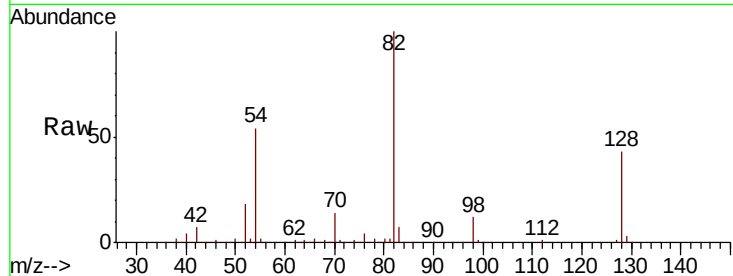
Tot Ion: 82 Resp: 769211

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

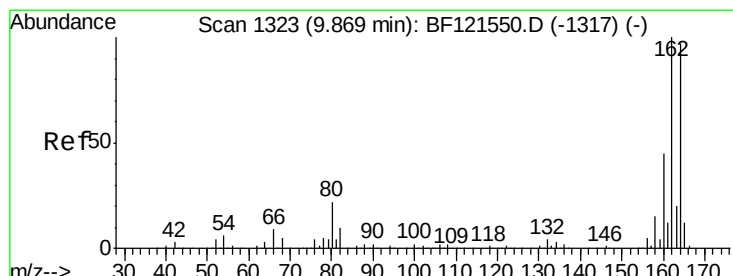
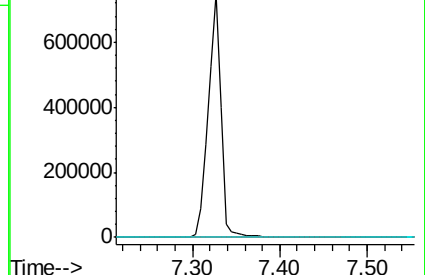
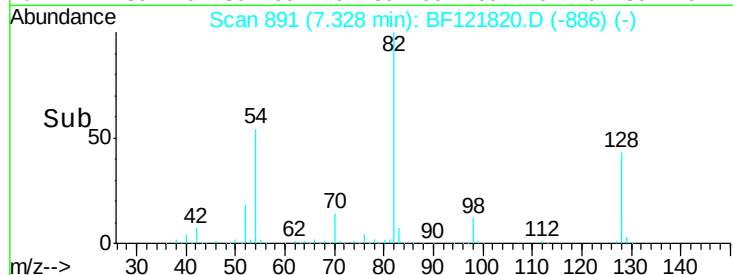
138 0.0 13.4 20.0#



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: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF121820.D

Acq: 5 Oct 2020 16:40

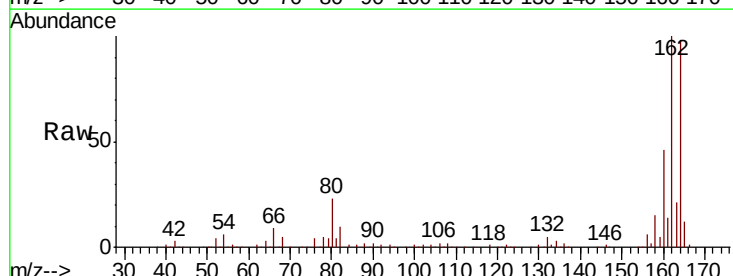
Tgt Ion: 164 Resp: 248800

Ion Ratio Lower Upper

164 100

162 102.2 83.2 124.8

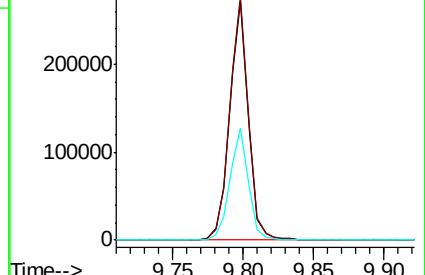
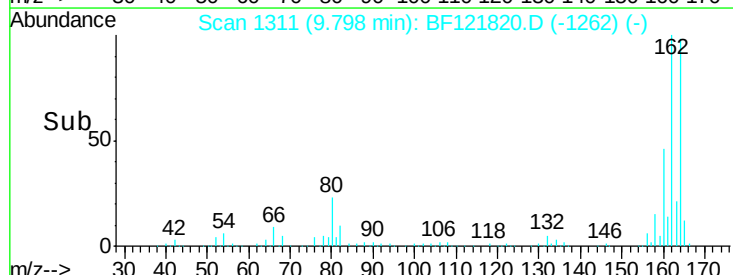
160 47.1 37.5 56.3

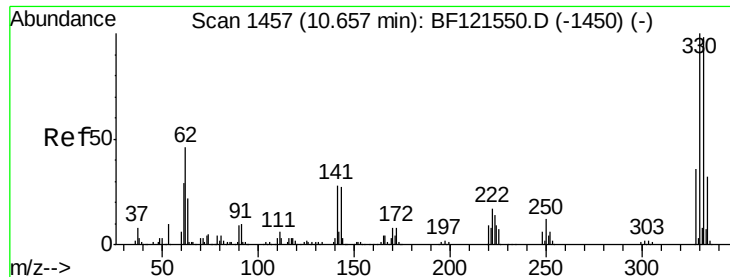


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 116.981 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.01 min

Lab File: BF121820.D

Acq: 5 Oct 2020 16:40

Instrument :

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ClientSampleId :

PB132087BL

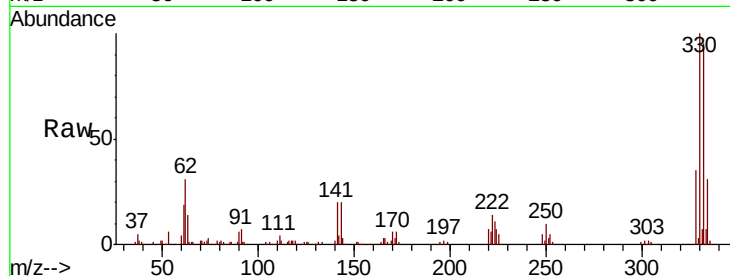
Tot Ion:330 Resp: 361734

Ion Ratio Lower Upper

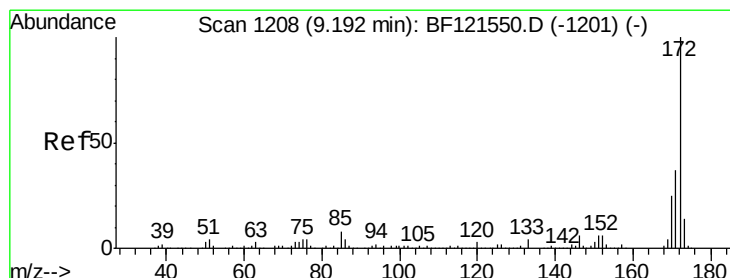
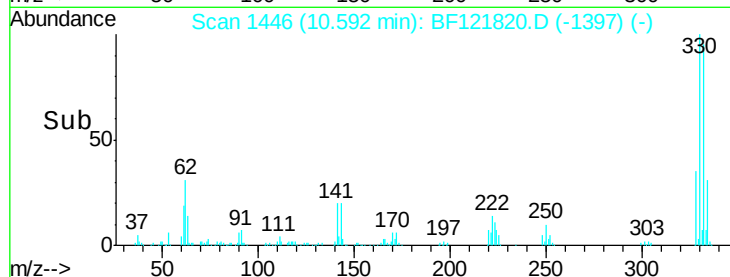
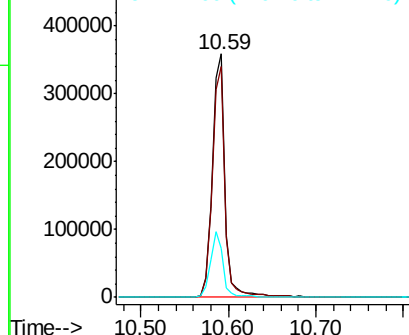
330 100

332 95.6 77.3 115.9

141 27.6 22.3 33.5



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: 82.071 ng

RT: 9.12 min Scan# 1196

Delta R.T. -0.01 min

Lab File: BF121820.D

Acq: 5 Oct 2020 16:40

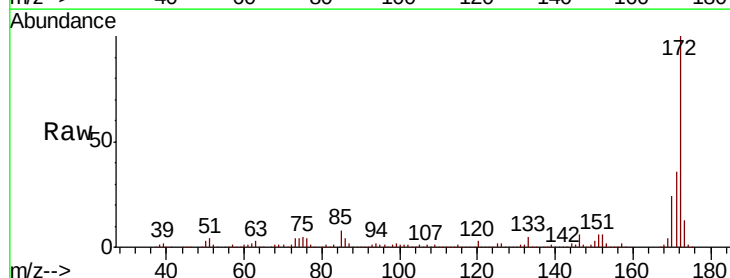
Tgt Ion:172 Resp: 1348221

Ion Ratio Lower Upper

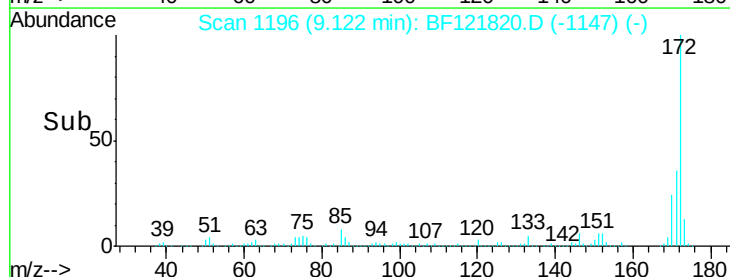
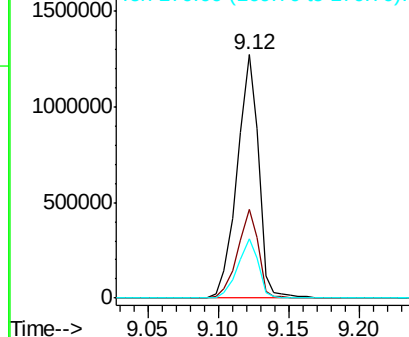
172 100

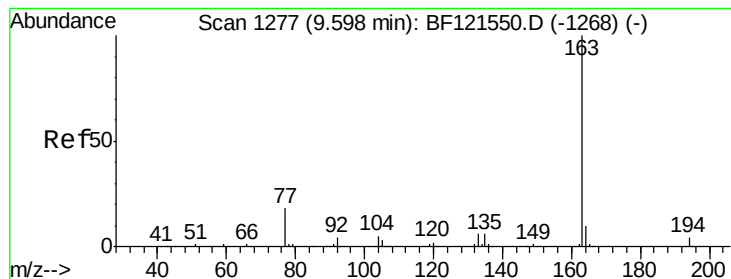
171 36.3 29.1 43.7

170 24.3 19.8 29.6



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: 2.851 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.26 min

Lab File: BF121820.D

Acq: 5 Oct 2020 16:40

Instrument :

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ClientSampleId :

PB132087BL

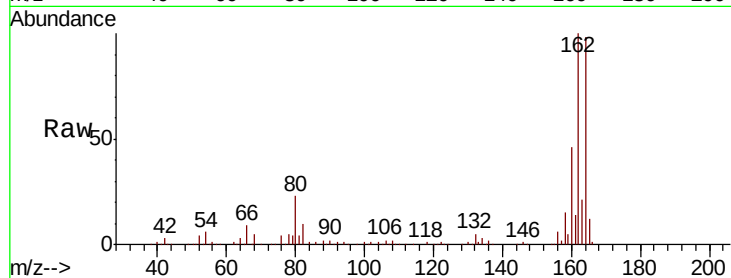
Tot Ion:163 Resp: 51417

Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

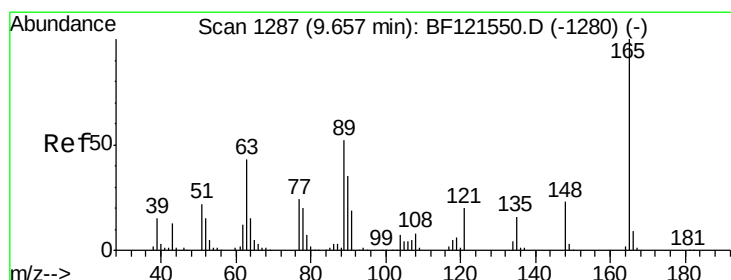
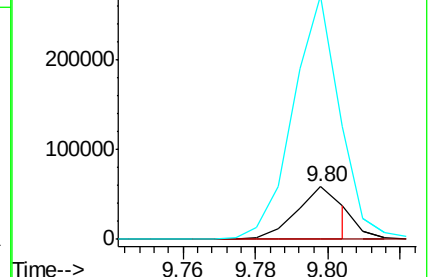
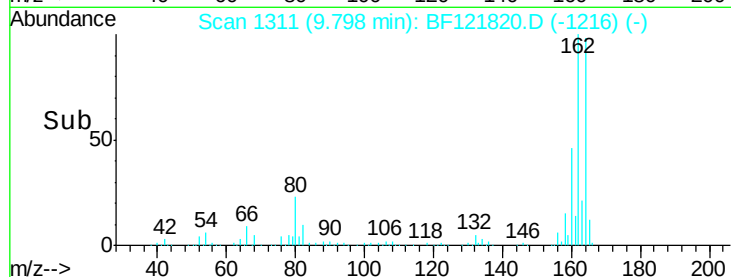
164 463.6 8.2 12.4#



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: 8.058 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.20 min

Lab File: BF121820.D

Acq: 5 Oct 2020 16:40

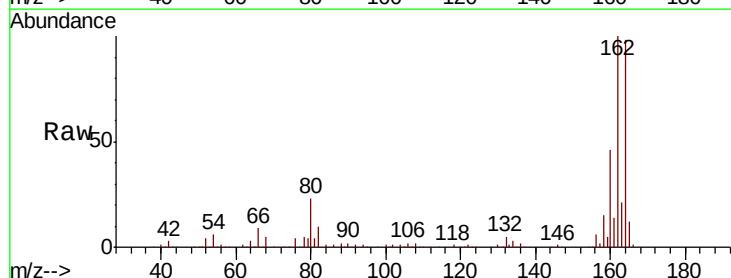
Tgt Ion:165 Resp: 30945

Ion Ratio Lower Upper

165 100

63 1.4 51.8 77.6#

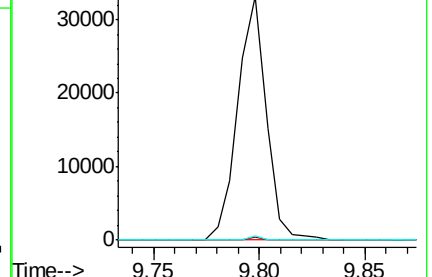
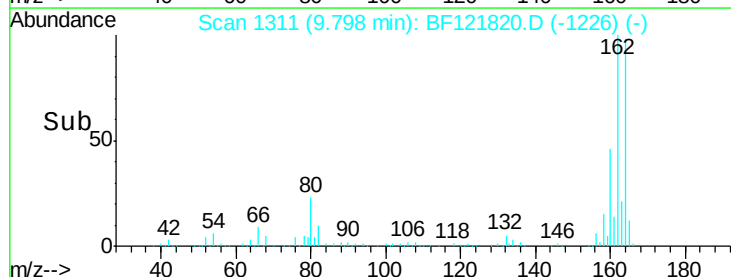
89 1.5 49.0 73.6#

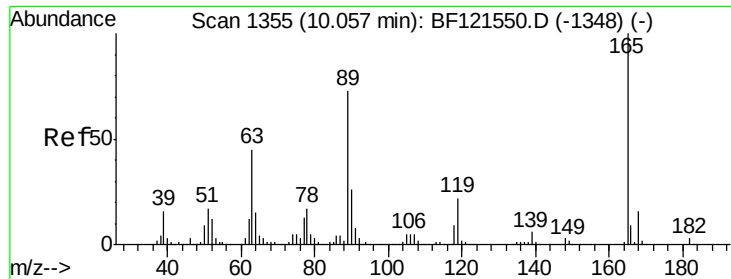


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

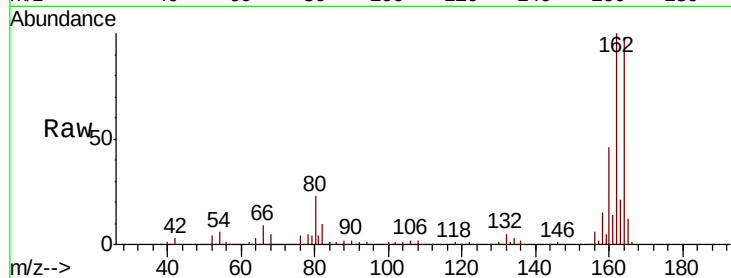




#57
 2,4-Dinitrotoluene
 Concen: 6.405 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.21 min
 Lab File: BF121820.D
 Acq: 5 Oct 2020 16:40

Instrument :
 BNA_F
 ClientSampleId :
 PB132087BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	41.3	61.9#
89	1.5	61.8	92.8#
182	0.0	2.1	3.1#

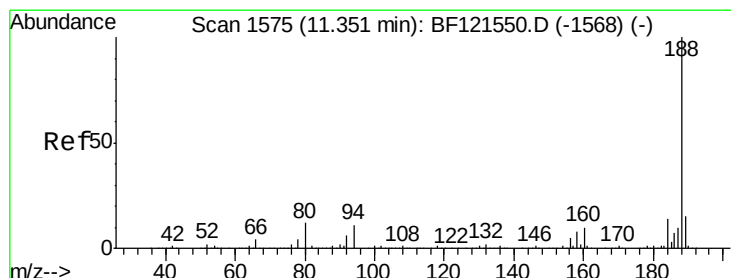
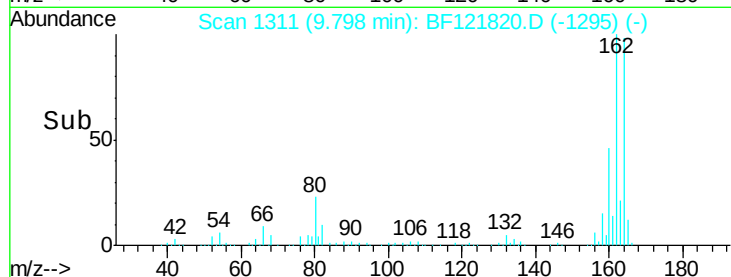
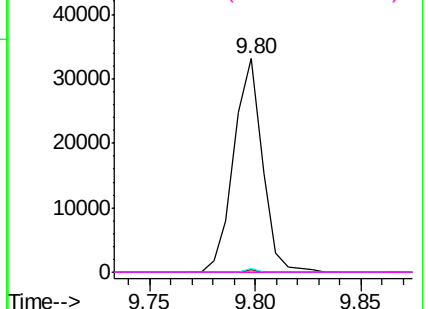


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

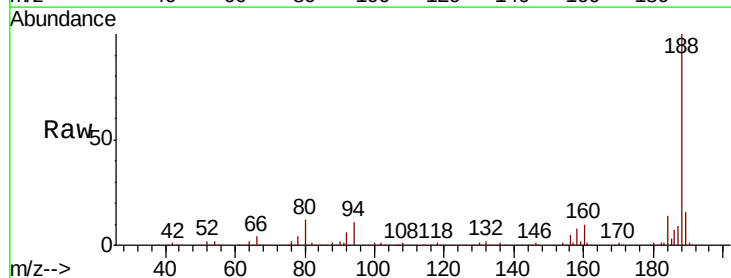
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF121820.D
 Acq: 5 Oct 2020 16:40

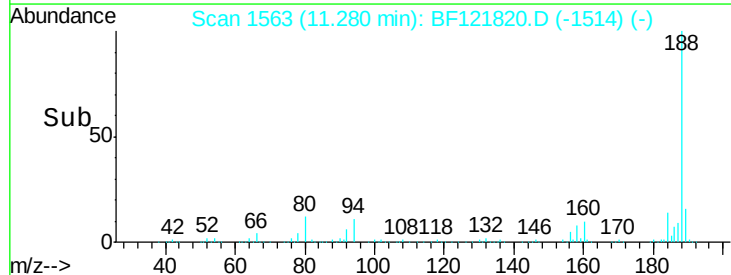
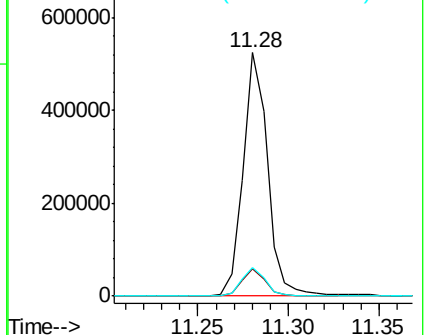
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.3	12.5
80	11.6	9.1	13.7

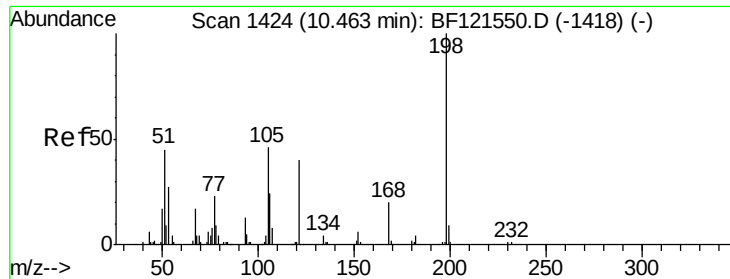


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

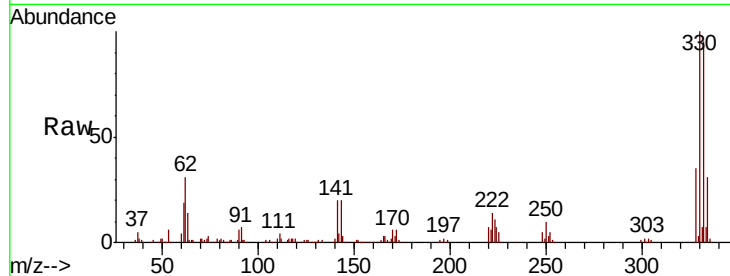




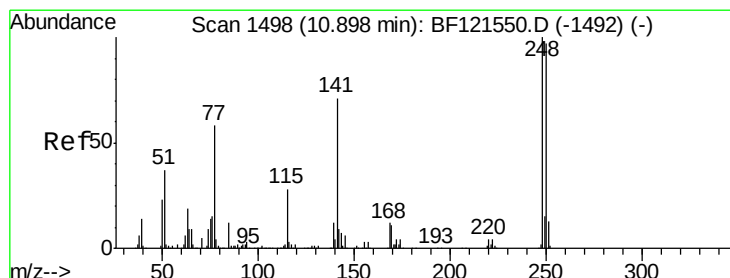
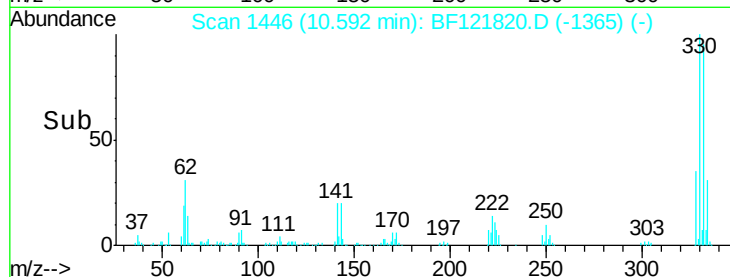
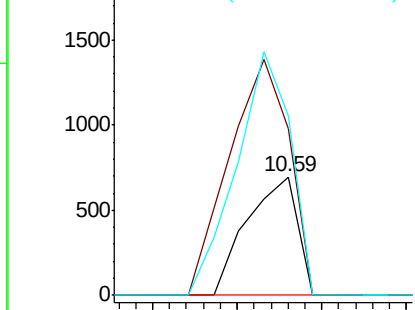
#65
 4,6-Dinitro-2-methylphenol
 Concen: 7.016 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.18 min
 Lab File: BF121820.D
 Acq: 5 Oct 2020 16:40

Instrument :
 BNA_F
 ClientSampled :
 PB132087BL

Tot Ion:198 Resp: 578
 Ion Ratio Lower Upper
 198 100
 51 140.5 29.6 69.6#
 105 150.9 24.4 64.4#

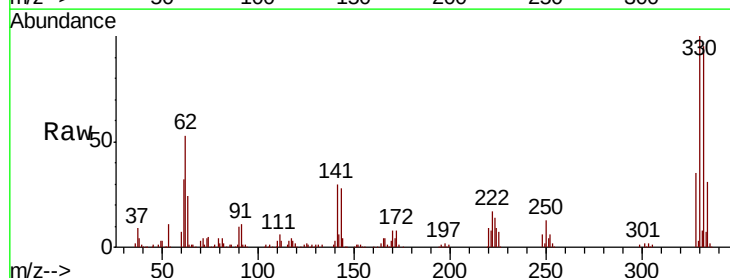


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

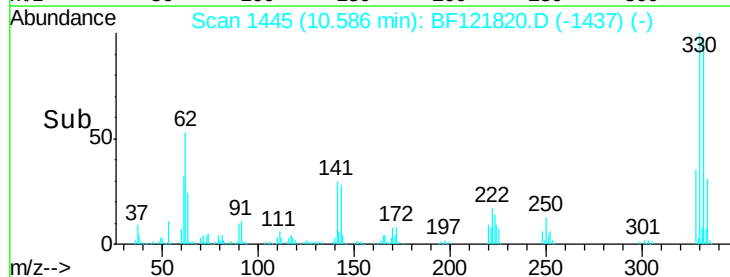
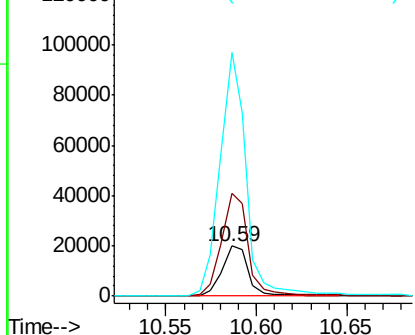


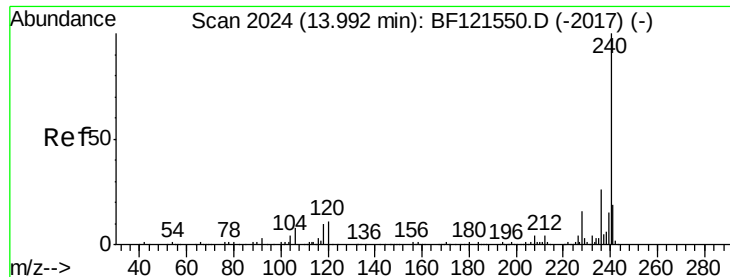
#67
 4-Bromophenyl-phenylether
 Concen: 3.608 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF121820.D
 Acq: 5 Oct 2020 16:40

Tgt Ion:248 Resp: 20261
 Ion Ratio Lower Upper
 248 100
 250 203.9 77.0 115.6#
 141 484.2 53.7 80.5#



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

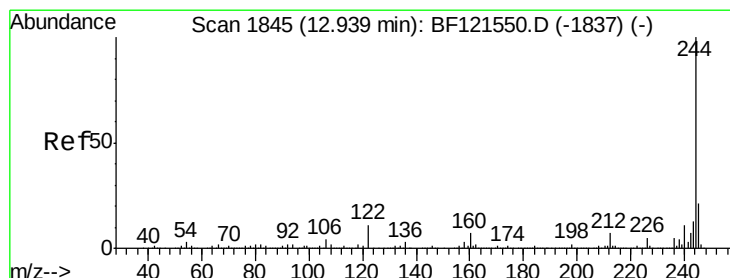
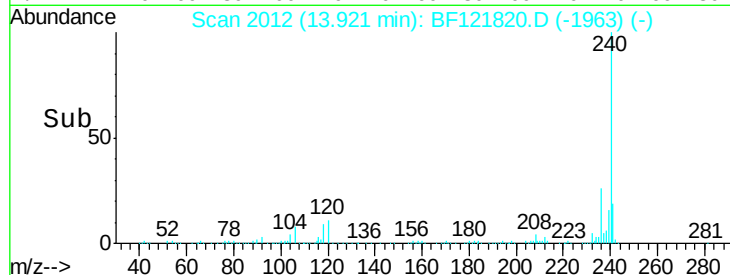
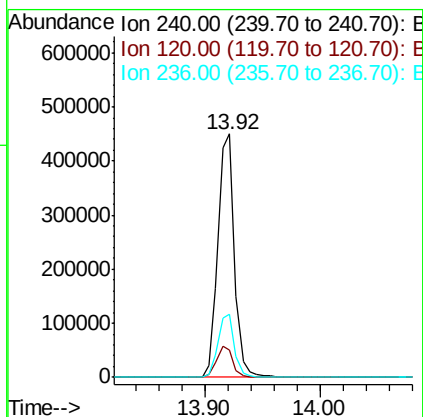
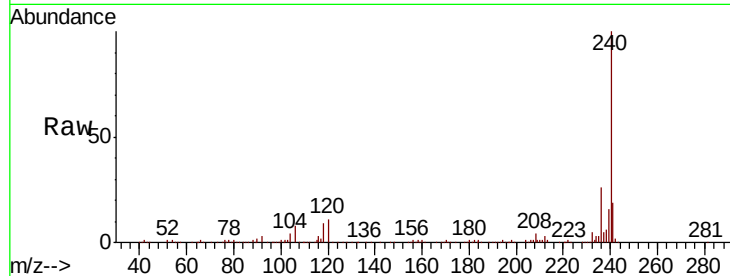




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF121820.D
Acq: 5 Oct 2020 16:40

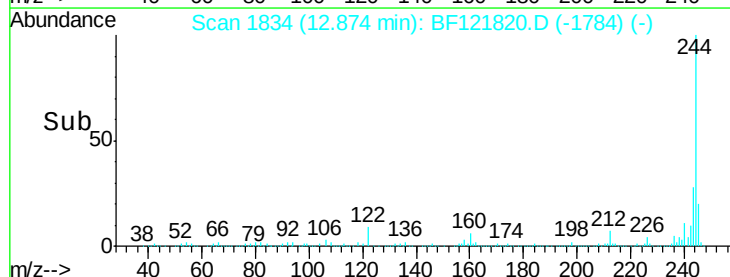
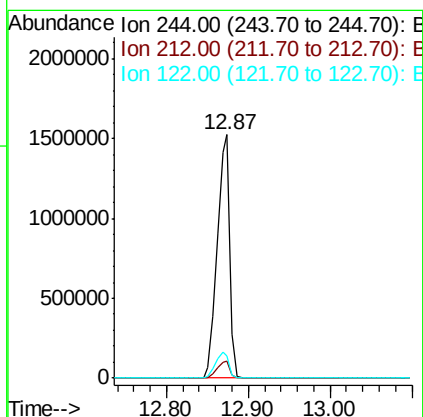
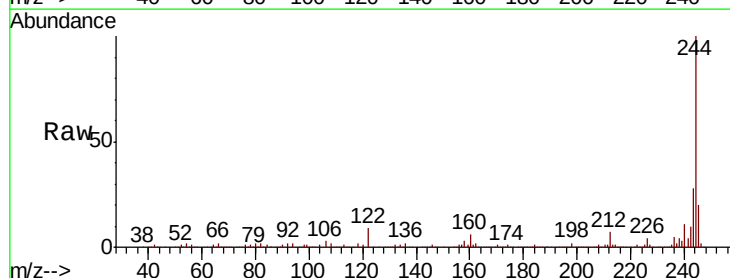
Instrument :
BNA_F
ClientSampleId :
PB132087BL

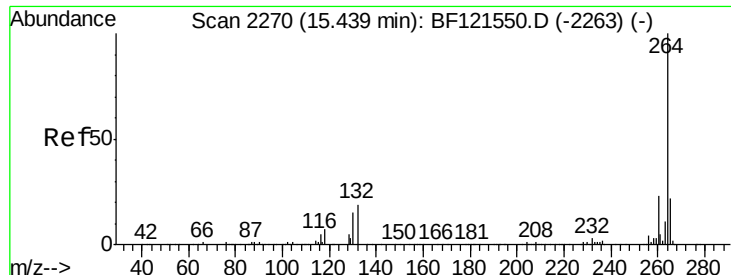
Tot Ion:240 Resp: 447928
Ion Ratio Lower Upper
240 100
120 11.2 9.2 13.8
236 25.7 20.9 31.3



#79
Terphenyl-d14
Concen: 73.941 ng
RT: 12.87 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BF121820.D
Acq: 5 Oct 2020 16:40

Tgt Ion:244 Resp: 1634847
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 9.3 8.1 12.1



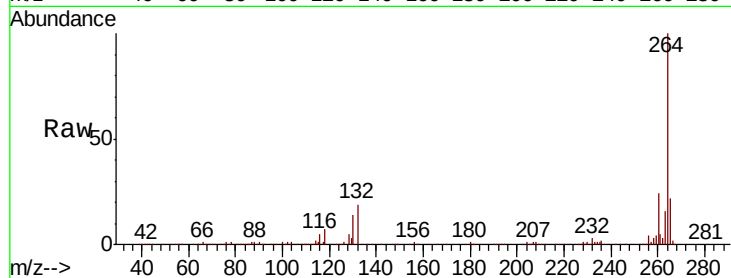


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF121820.D
Acq: 5 Oct 2020 16:40

Instrument :
BNA_F
ClientSampleId :
PB132087BL

Tot Ion:264 Resp: 422876

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.7	28.1
265	21.5	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

