

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
 Data File : BF121813.D
 Acq On : 5 Oct 2020 12:11
 Operator : JU/CG
 Sample : L3865-08RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-093020

Quant Time: Oct 05 12:41:35 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

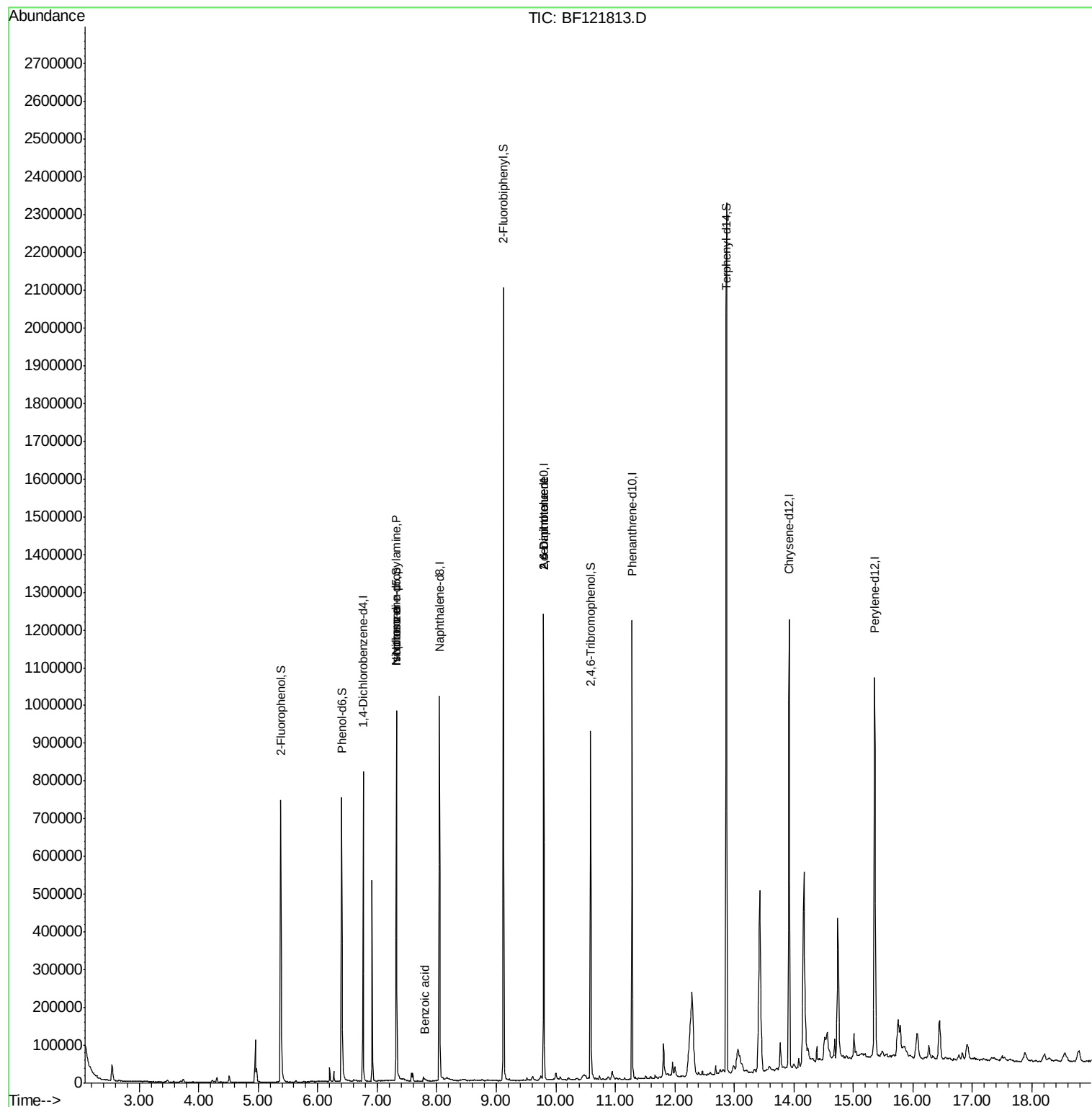
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	108624	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	422773	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	222666	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	428866	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	396377	20.00	ng	-0.01
86) Perylene-d12	15.36	264	352440	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	232734	31.84	ng	0.00
7) Phenol-d6	6.40	99	264223	27.55	ng	-0.01
23) Nitrobenzene-d5	7.33	82	328991	41.78	ng	-0.01
42) 2,4,6-Tribromophenol	10.59	330	106581	38.51	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	616268	41.92	ng	-0.01
79) Terphenyl-d14	12.87	244	751353	38.40	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.32	70	43847	7.934	ng	# 80
25) Isophorone	7.33	82	328985	20.755	ng	# 67
32) Benzoic acid	7.80	122	1830	7.232	ng	# 87
51) 2,6-Dinitrotoluene	9.80	165	28260	8.222	ng	# 21
57) 2,4-Dinitrotoluene	9.80	165	28260	6.536	ng	# 20

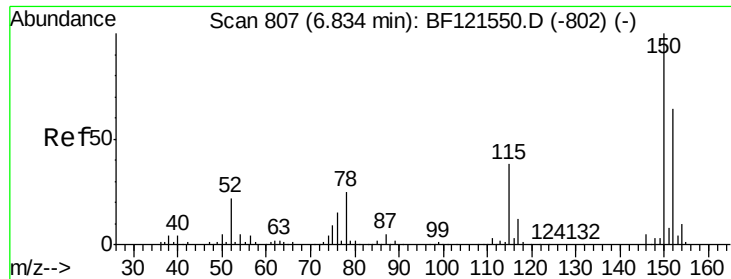
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121813.D
Acq On : 5 Oct 2020 12:11
Operator : JU/CG
Sample : L3865-08RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
NB-07-093020

Quant Time: Oct 05 12:41:35 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



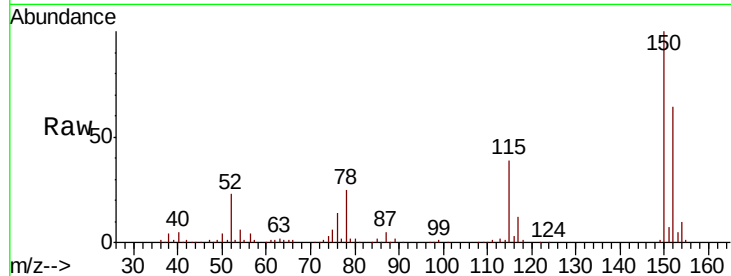


#1

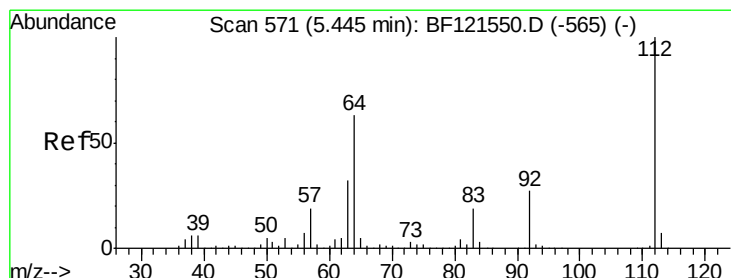
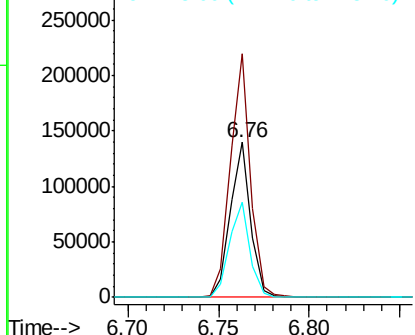
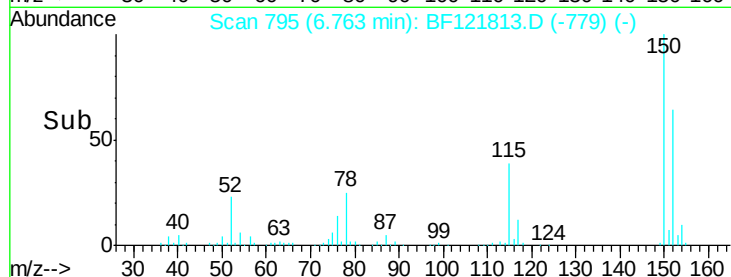
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121813.D
Acq: 5 Oct 2020 12:11

Instrument :
BNA_F
ClientSampleId :
NB-07-093020

Tot Ion:152 Resp: 108624
Ion Ratio Lower Upper
152 100
150 157.1 125.3 187.9
115 61.1 51.9 77.9



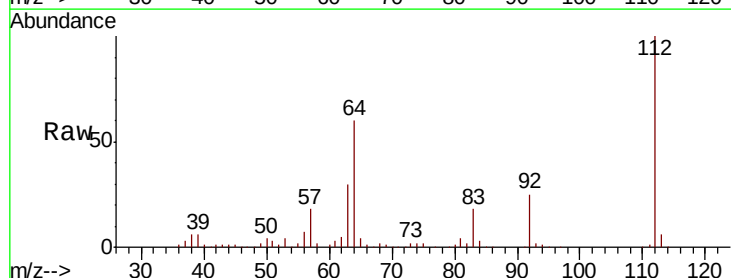
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



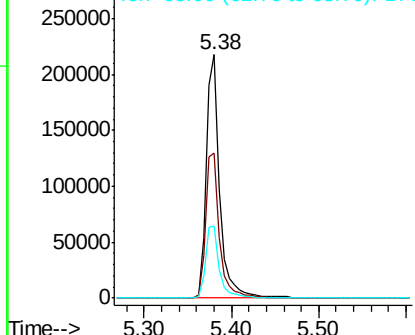
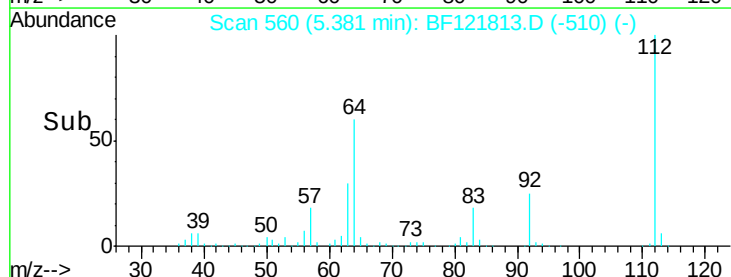
#5

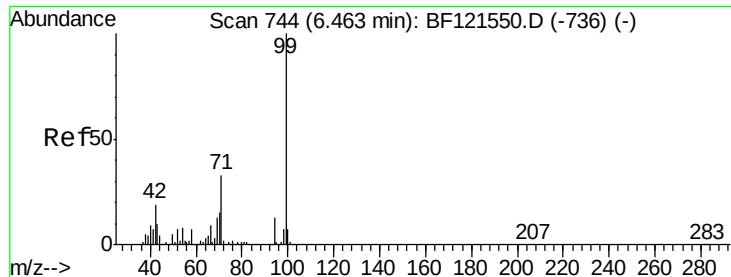
2-Fluorophenol
Concen: 31.841 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF121813.D
Acq: 5 Oct 2020 12:11

Tgt Ion:112 Resp: 232734
Ion Ratio Lower Upper
112 100
64 59.7 50.4 75.6
63 29.5 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: 27.554 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF121813.D

Acq: 5 Oct 2020 12:11

Instrument :

BNA_F

ClientSampleId :

NB-07-093020

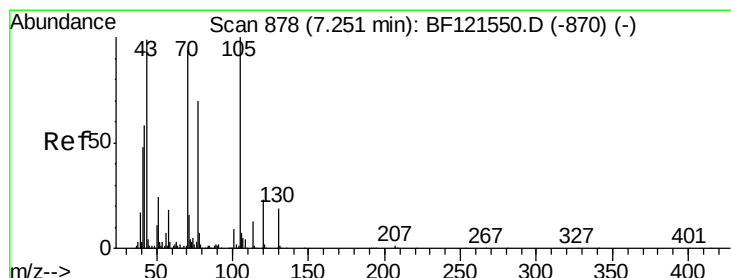
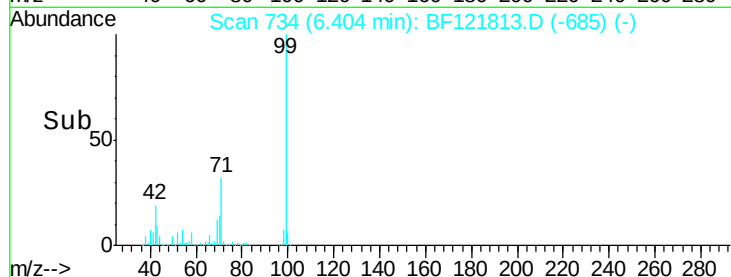
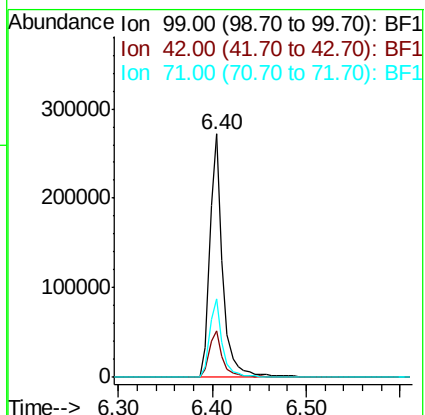
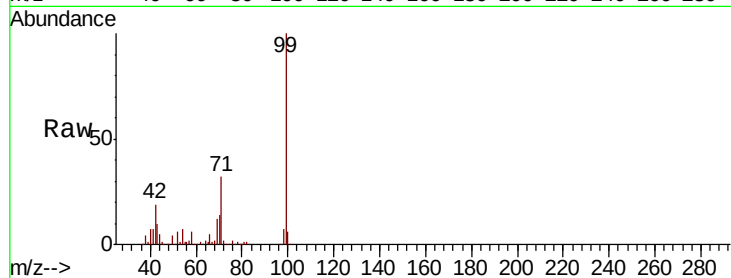
Tot Ion: 99 Resp: 264223

Ion Ratio Lower Upper

99 100

42 19.2 15.9 23.9

71 32.1 27.1 40.7



#19

n-Nitroso-di-n-propylamine

Concen: 7.934 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.13 min

Lab File: BF121813.D

Acq: 5 Oct 2020 12:11

Tgt Ion: 70 Resp: 43847

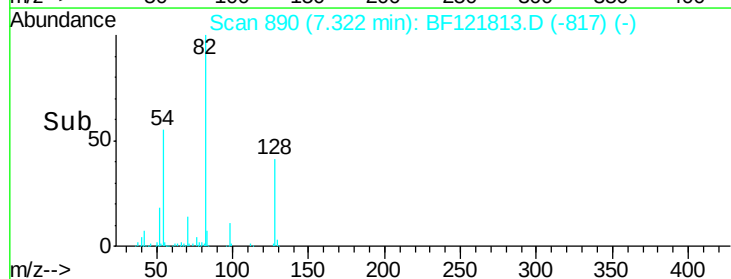
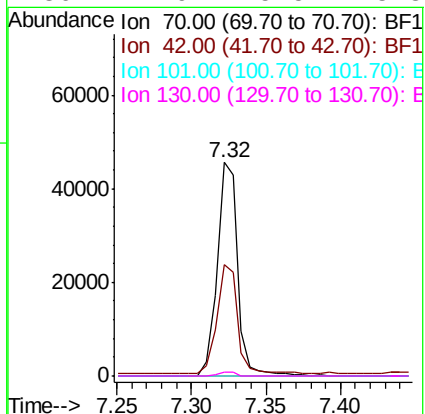
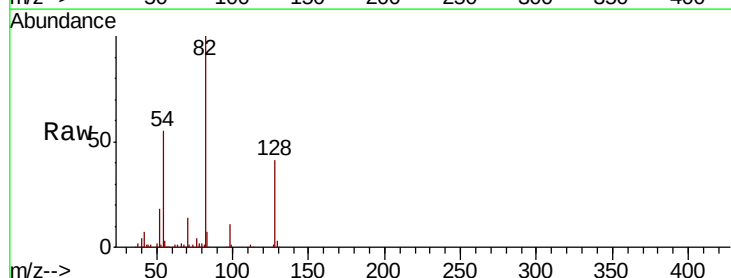
Ion Ratio Lower Upper

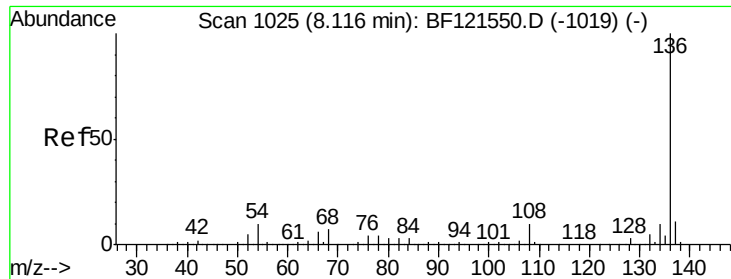
70 100

42 52.3 50.2 75.4

101 0.0 7.5 11.3#

130 1.9 15.5 23.3#

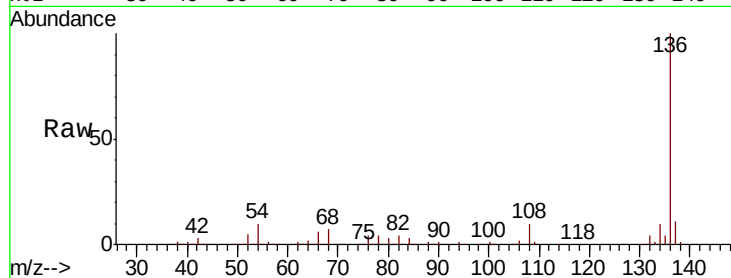




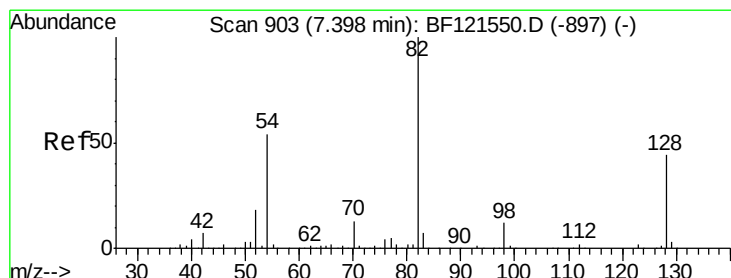
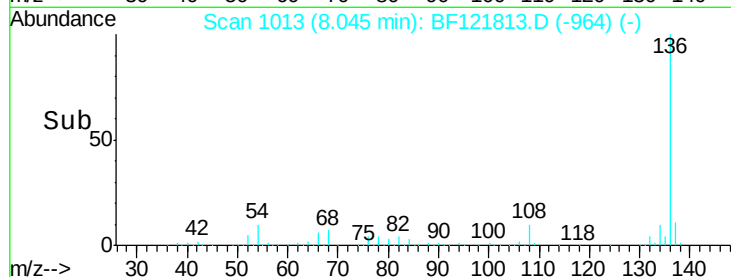
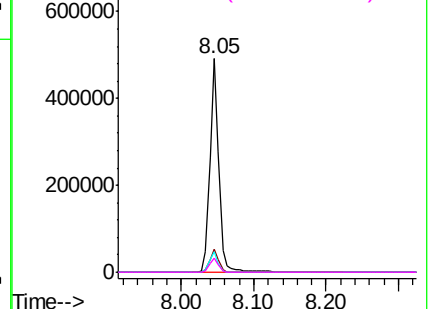
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BF121813.D
Acq: 5 Oct 2020 12:11

Instrument :
BNA_F
ClientSampleId :
NB-07-093020

Tot Ion:136	Resp:	422773
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.6	13.0
54 9.6	7.1	10.7
68 6.7	5.0	7.4

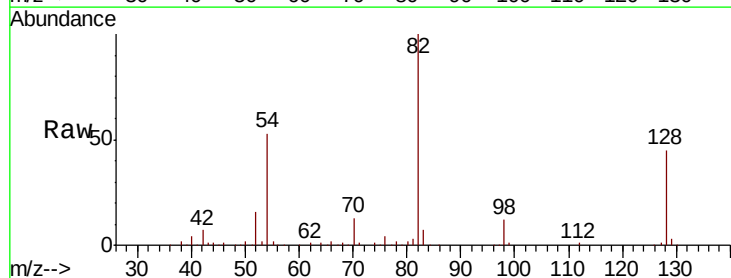


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

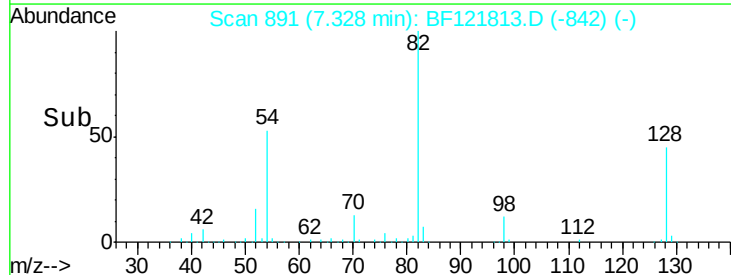
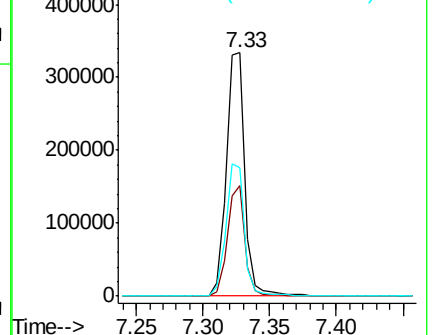


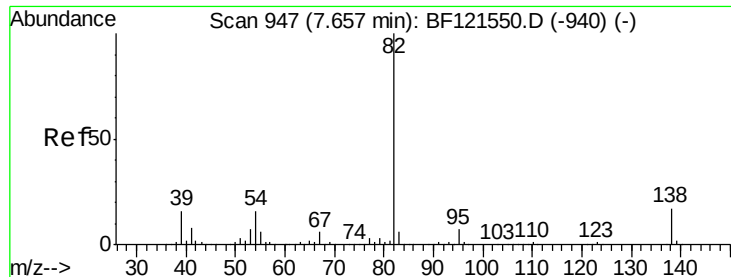
#23
Nitrobenzene-d5
Concen: 41.782 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.01 min
Lab File: BF121813.D
Acq: 5 Oct 2020 12:11

Tgt Ion: 82	Resp: 328991
Ion Ratio	Lower Upper
82 100	
128 45.4	35.0 52.4
54 52.7	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: 20.755 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.27 min

Lab File: BF121813.D

Acq: 5 Oct 2020 12:11

Instrument :

BNA_F

ClientSampleId :

NB-07-093020

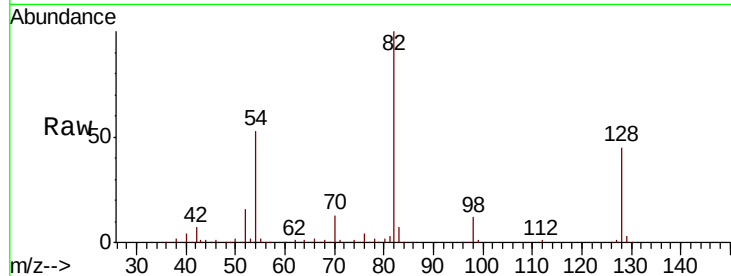
Tot Ion: 82 Resp: 328985

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

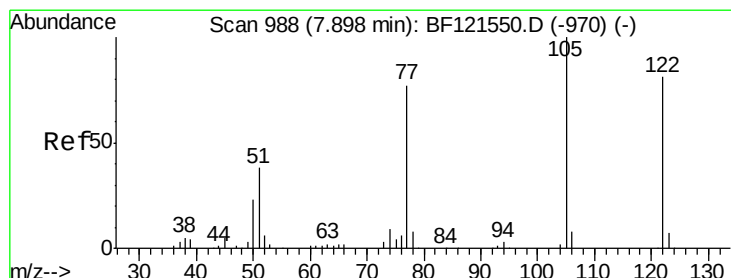
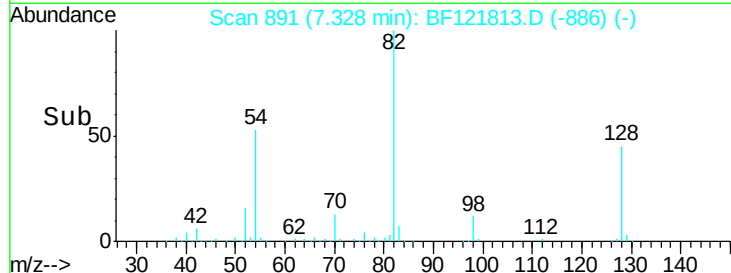
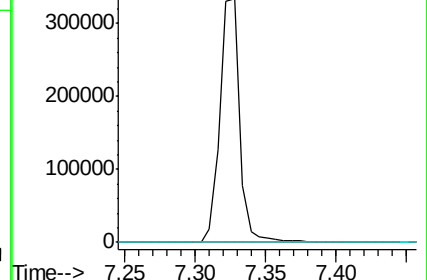
138 0.0 13.4 20.0#



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



#32

Benzoic acid

Concen: 7.232 ng

RT: 7.80 min Scan# 971

Delta R.T. -0.06 min

Lab File: BF121813.D

Acq: 5 Oct 2020 12:11

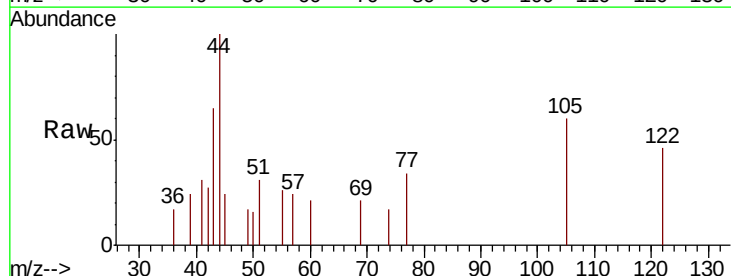
Tgt Ion: 122 Resp: 1830

Ion Ratio Lower Upper

122 100

105 131.1 103.3 143.3

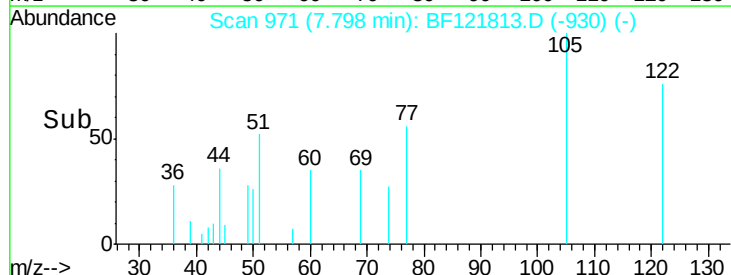
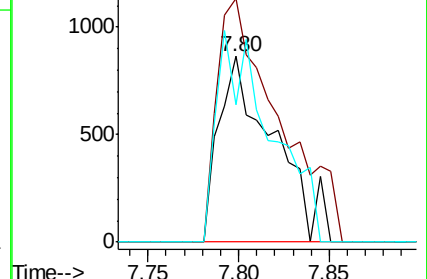
77 74.1 73.9 113.9

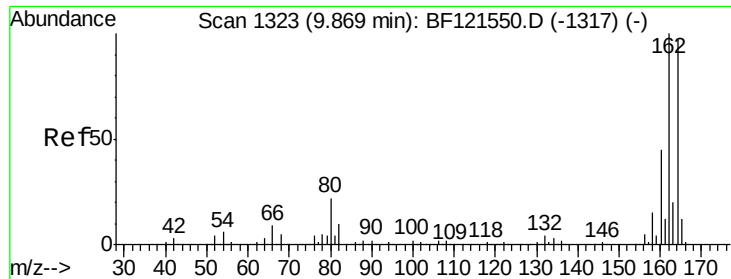


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

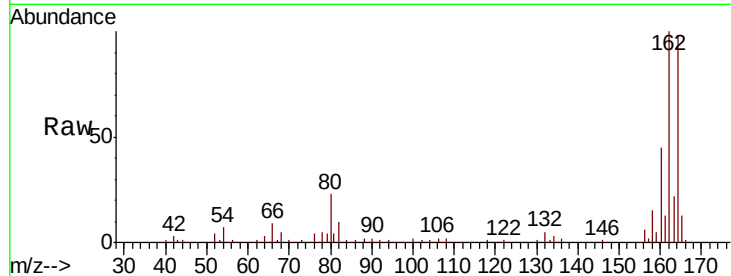




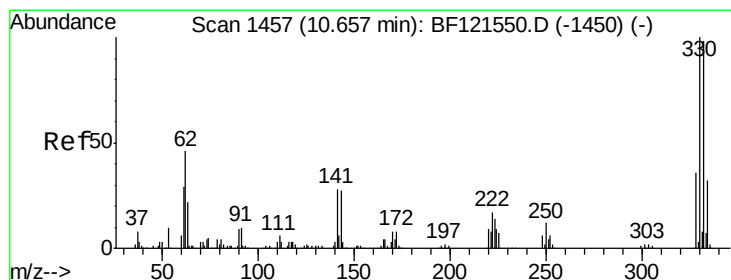
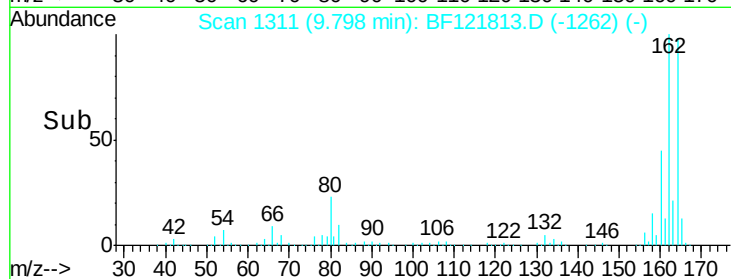
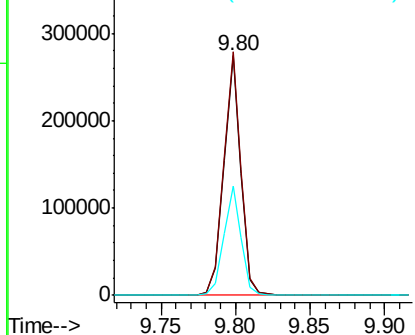
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF121813.D
Acq: 5 Oct 2020 12:11

Instrument :
BNA_F
ClientSampleId :
NB-07-093020

Tot Ion:164 Resp: 222666
Ion Ratio Lower Upper
164 100
162 101.6 83.2 124.8
160 45.8 37.5 56.3

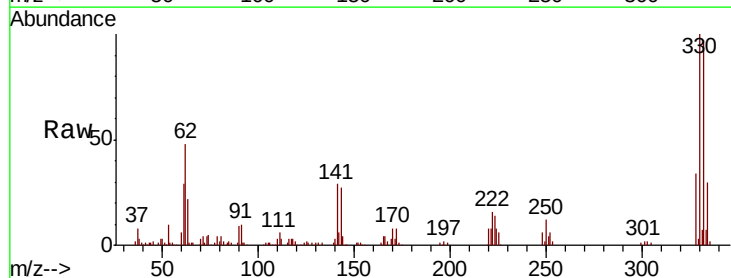


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

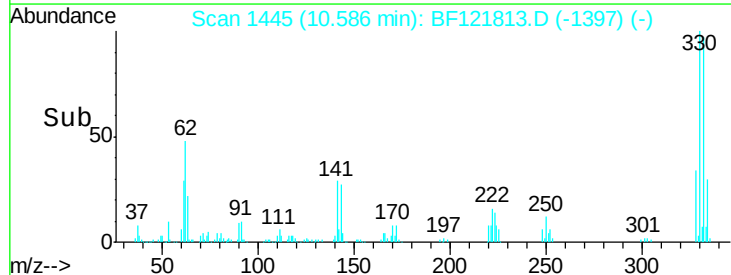
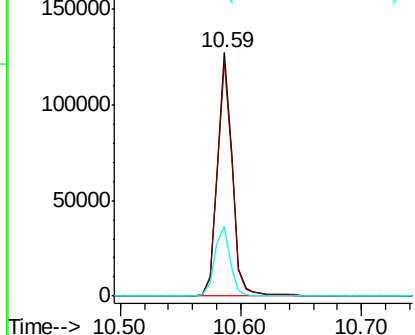


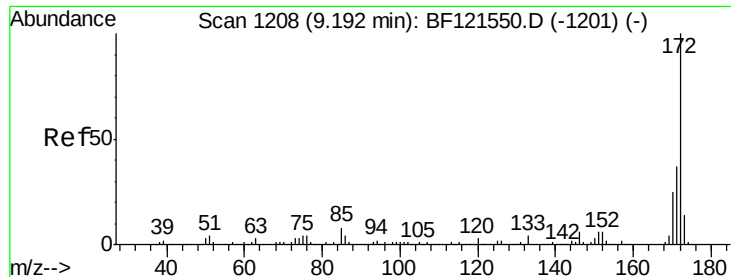
#42
2,4,6-Tribromophenol
Concen: 38.512 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.02 min
Lab File: BF121813.D
Acq: 5 Oct 2020 12:11

Tgt Ion:330 Resp: 106581
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 30.1 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

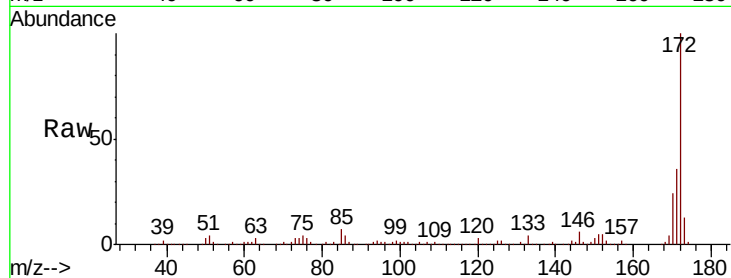




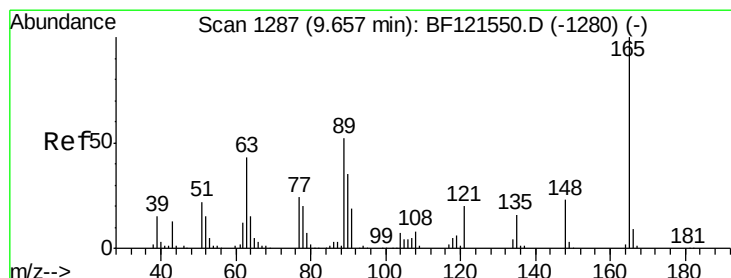
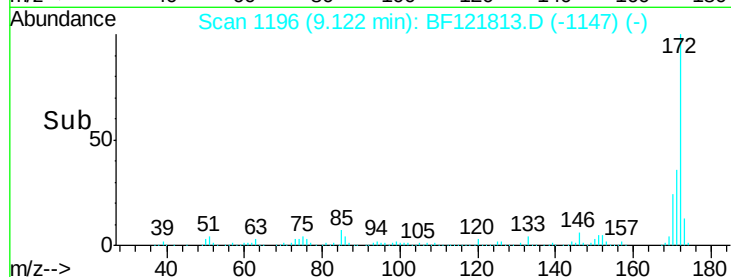
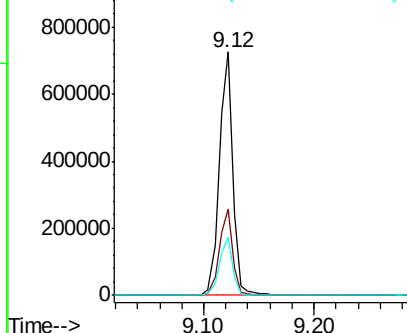
#45
 2-Fluorobiphenyl
 Concen: 41.917 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF121813.D
 Acq: 5 Oct 2020 12:11

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-093020

Tot Ion:172 Resp: 616268
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.1 43.7
 170 24.0 19.8 29.6

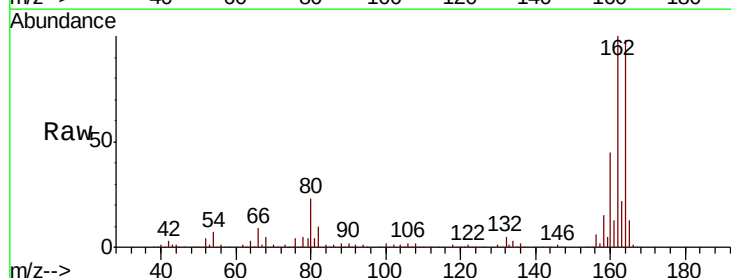


Abundance Ion 172.00 (171.70 to 172.70): E
 1000000
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

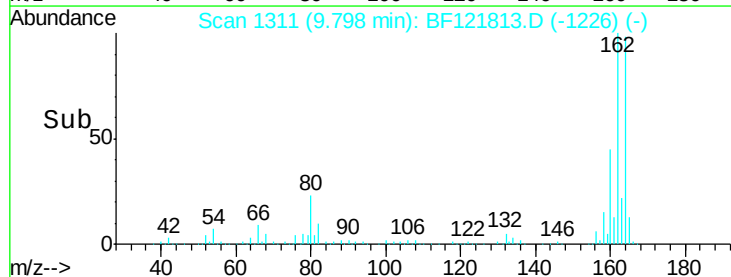
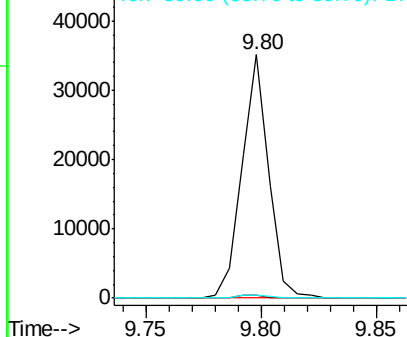


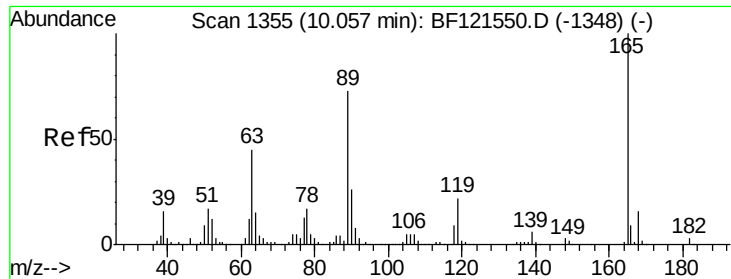
#51
 2,6-Dinitrotoluene
 Concen: 8.222 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. 0.20 min
 Lab File: BF121813.D
 Acq: 5 Oct 2020 12:11

Tgt Ion:165 Resp: 28260
 Ion Ratio Lower Upper
 165 100
 63 1.4 51.8 77.6#
 89 1.3 49.0 73.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 40000
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

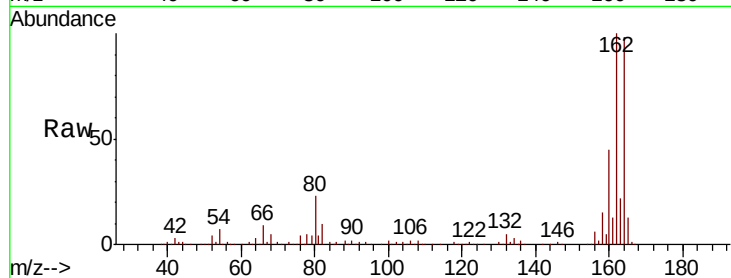




#57
 2,4-Dinitrotoluene
 Concen: 6.536 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.21 min
 Lab File: BF121813.D
 Acq: 5 Oct 2020 12:11

Instrument :
 BNA_F
 ClientSampleId :
 NB-07-093020

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	41.3	61.9#
89	1.3	61.8	92.8#
182	0.0	2.1	3.1#

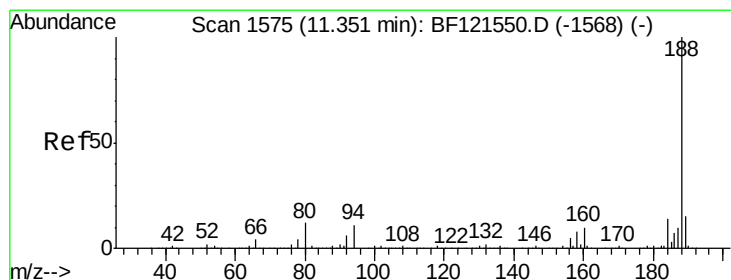
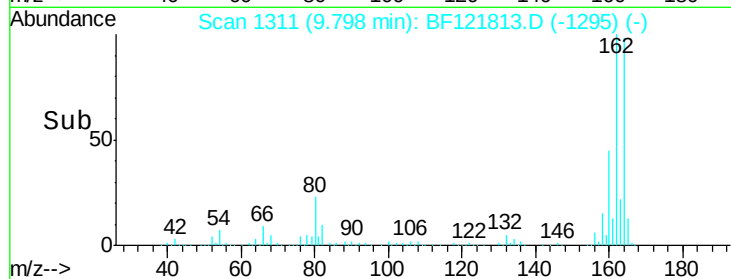
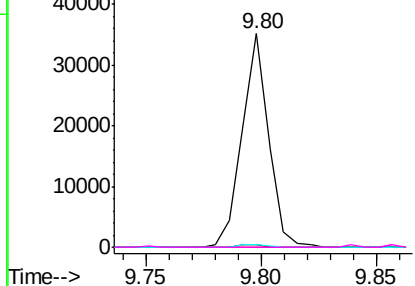


Abundance Ion 165.00 (164.70 to 165.70): E

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



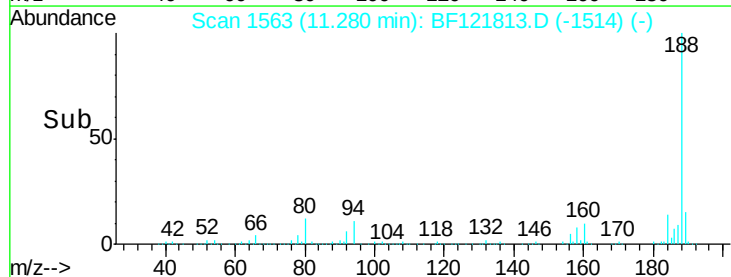
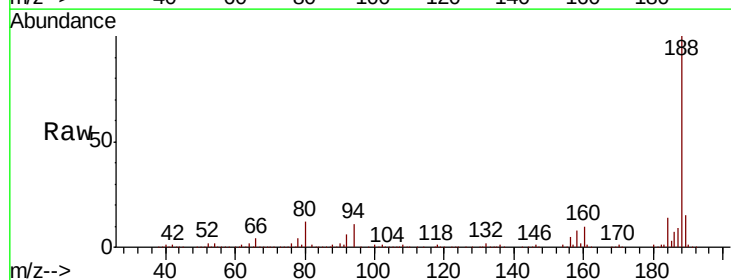
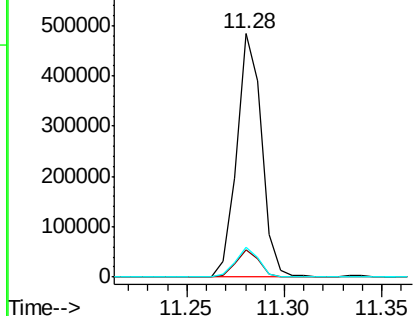
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF121813.D
 Acq: 5 Oct 2020 12:11

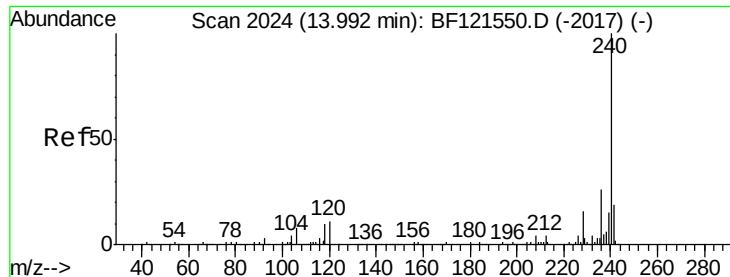
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.3	8.3	12.5
80	12.4	9.1	13.7

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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF121813.D

Acq: 5 Oct 2020 12:11

Instrument :

BNA_F

ClientSampleId :

NB-07-093020

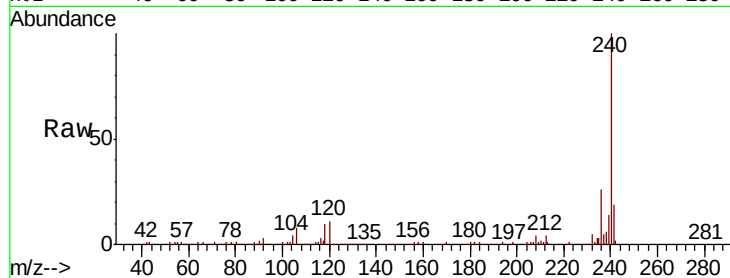
Tot Ion:240 Resp: 396377

Ion Ratio Lower Upper

240 100

120 11.4 9.2 13.8

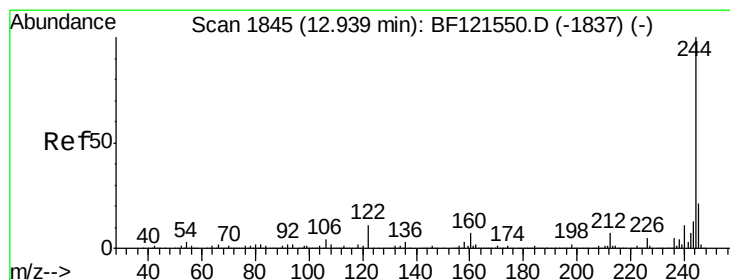
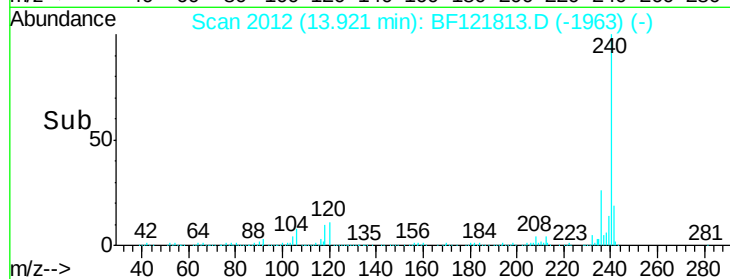
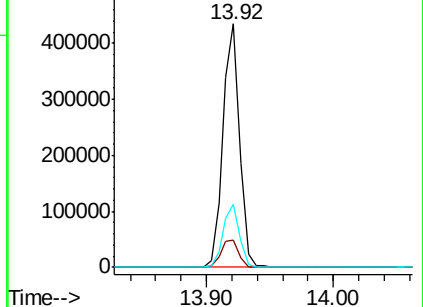
236 25.8 20.9 31.3



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: 38.402 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.01 min

Lab File: BF121813.D

Acq: 5 Oct 2020 12:11

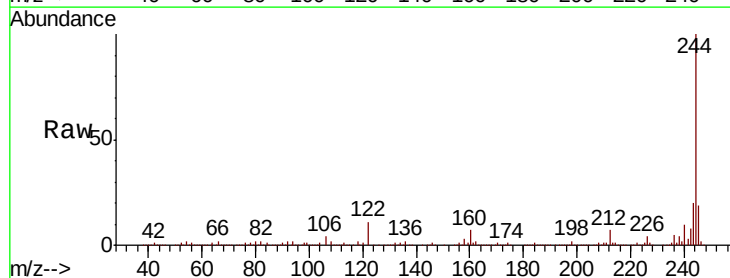
Tgt Ion:244 Resp: 751353

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

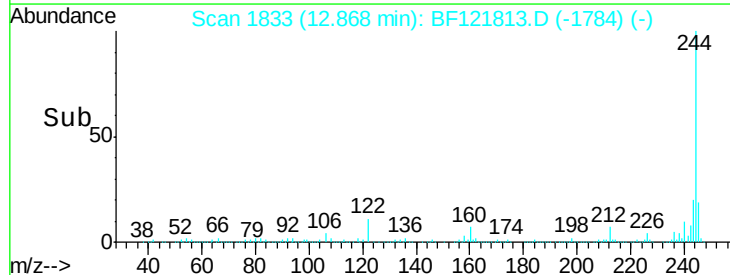
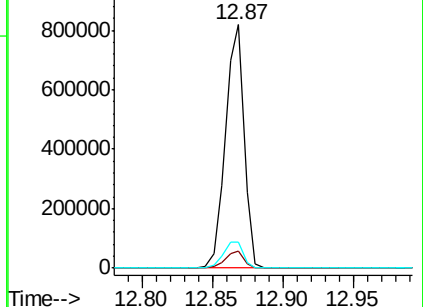
122 10.6 8.1 12.1

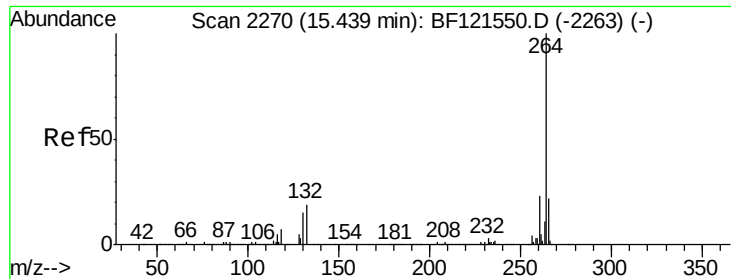


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

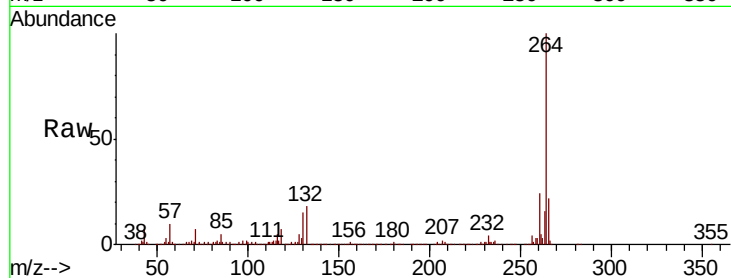




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF121813.D
Acq: 5 Oct 2020 12:11

Instrument :
BNA_F
ClientSampleId :
NB-07-093020

Tot Ion: 264 Resp: 352440
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 21.7 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

