

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
 Data File : BF121282.D
 Acq On : 13 Aug 2020 21:10
 Operator : JU/CG
 Sample : L3508-13
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-081220

Quant Time: Aug 14 00:46:32 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

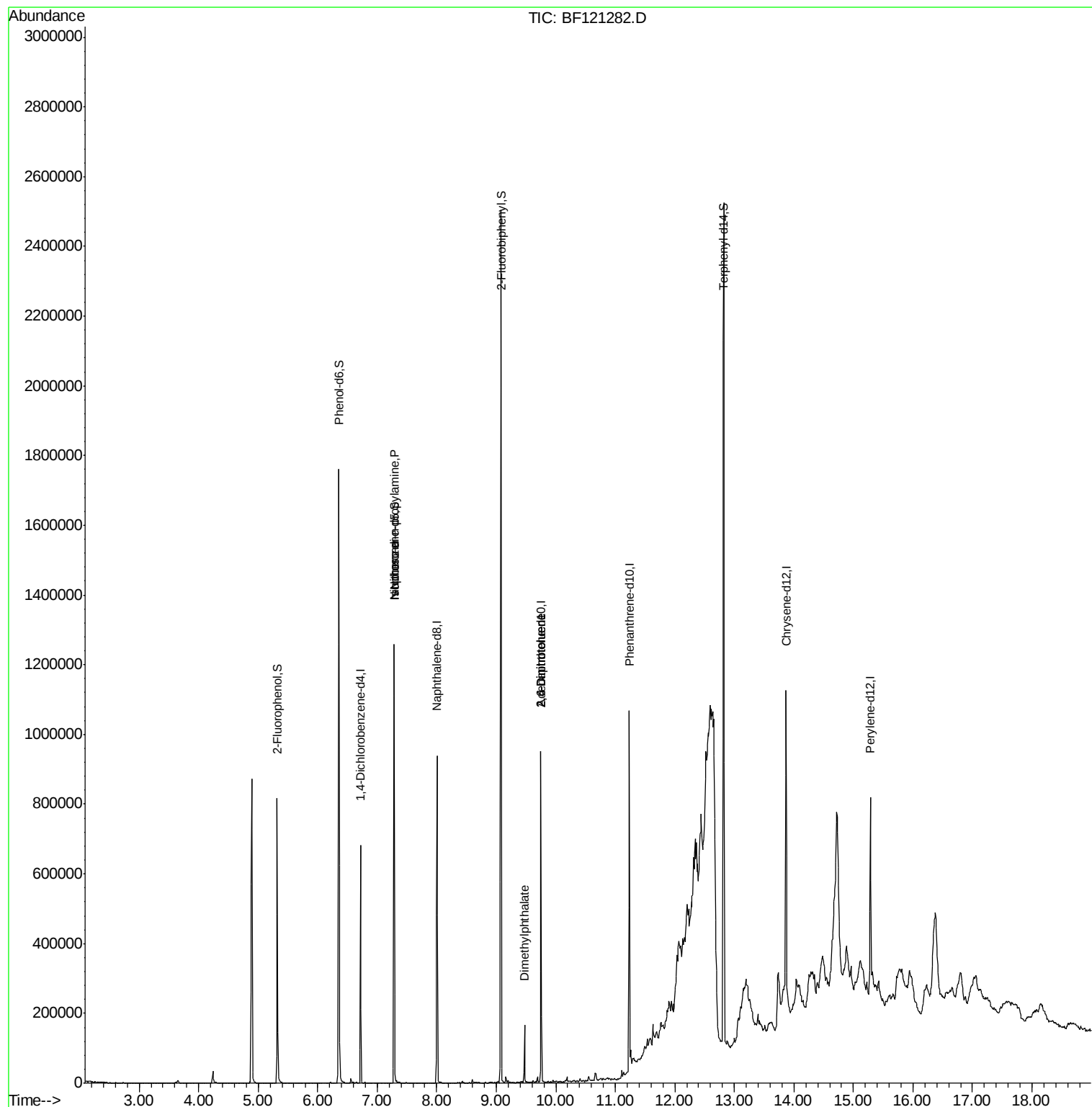
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	96981	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	368858	20.00	ng	0.00
39) Acenaphthene-d10	9.75	164	191864	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	366282	20.00	ng	0.00
76) Chrysene-d12	13.87	240	274995	20.00	ng	0.00
86) Perylene-d12	15.29	264	240333	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	233407	36.49	ng	0.01
7) Phenol-d6	6.36	99	560441	67.99	ng	0.00
23) Nitrobenzene-d5	7.29	82	381250	56.49	ng	0.00
42) 2,4,6-Tribromophenol	10.55	330	2873	1.22	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	739797	53.34	ng	0.00
79) Terphenyl-d14	12.82	244	772614	54.77	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	49547	10.818	ng	# 76
25) Isophorone	7.29	82	381246	28.135	ng	# 62
50) Dimethylphthalate	9.47	163	61131	4.234	ng	99
51) 2,6-Dinitrotoluene	9.75	165	24221	7.526	ng	# 25
57) 2,4-Dinitrotoluene	9.75	165	24221	5.735	ng	# 26

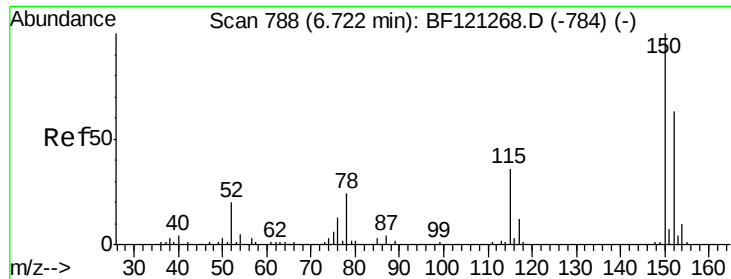
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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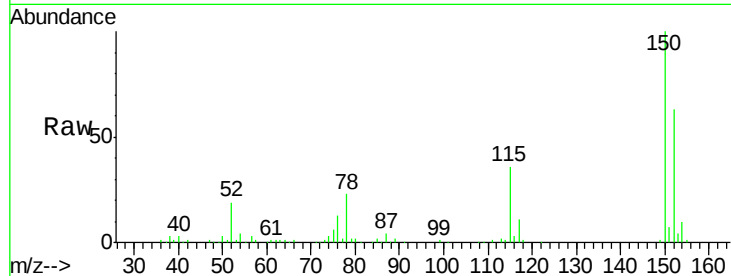


#1

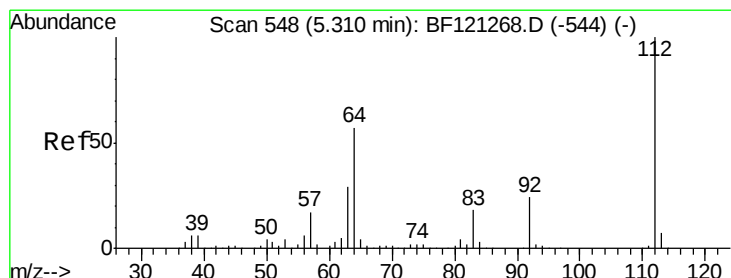
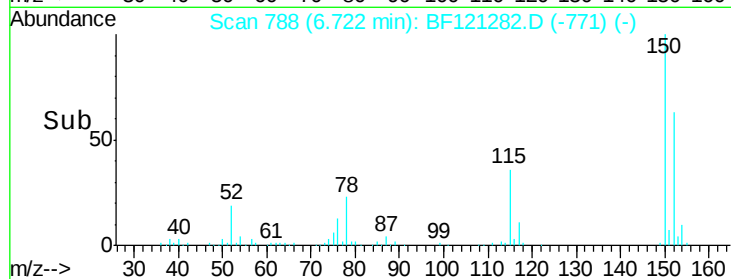
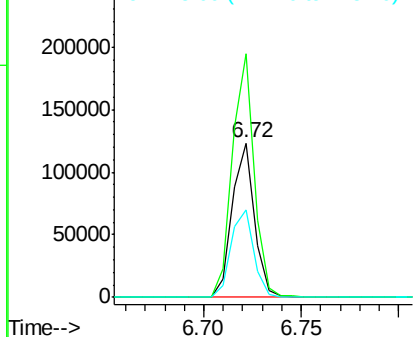
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.72 min Scan# 788
Delta R.T. -0.00 min
Lab File: BF121282.D
Acq: 13 Aug 2020 21:10

Instrument :
BNA_F
ClientSampleId :
TR-04-081220

Tot Ion:152 Resp: 96981
Ion Ratio Lower Upper
152 100
150 157.7 129.0 193.6
115 56.3 49.0 73.4



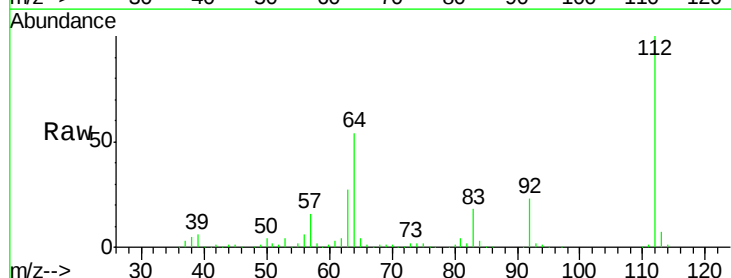
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



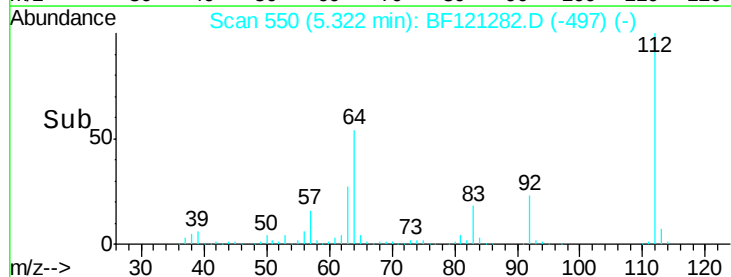
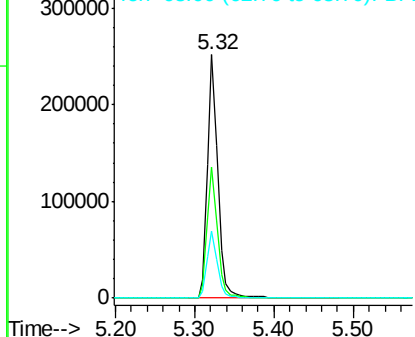
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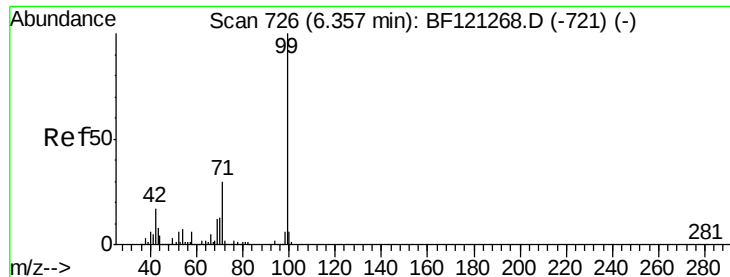
2-Fluorophenol
Concen: 36.488 ng
RT: 5.32 min Scan# 550
Delta R.T. 0.01 min
Lab File: BF121282.D
Acq: 13 Aug 2020 21:10

Tgt Ion:112 Resp: 233407
Ion Ratio Lower Upper
112 100
64 53.9 45.4 68.2
63 27.3 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: 67.988 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF121282.D

Acq: 13 Aug 2020 21:10

Instrument :

BNA_F

ClientSampleId :

TR-04-081220

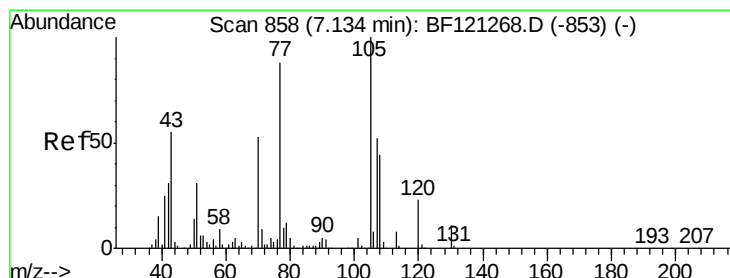
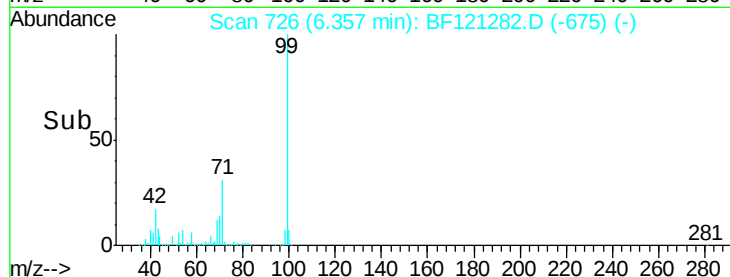
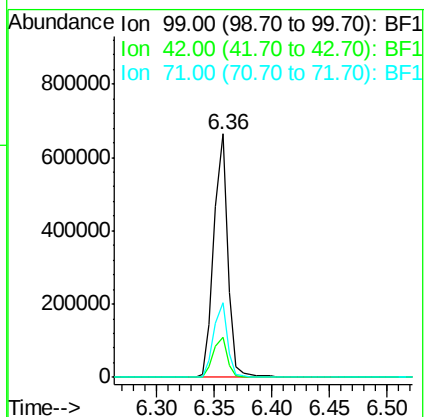
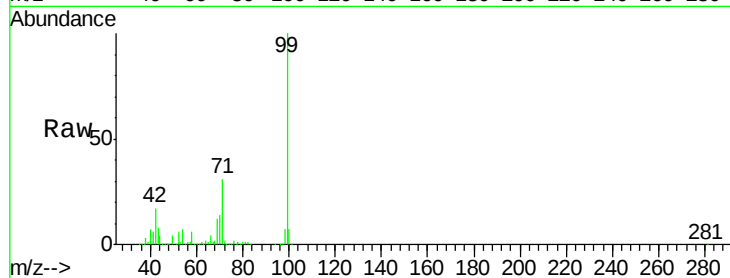
Tot Ion: 99 Resp: 560441

Ion Ratio Lower Upper

99 100

42 16.7 13.1 19.7

71 30.5 23.7 35.5



#19

n-Nitroso-di-n-propylamine

Concen: 10.818 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF121282.D

Acq: 13 Aug 2020 21:10

Tgt Ion: 70 Resp: 49547

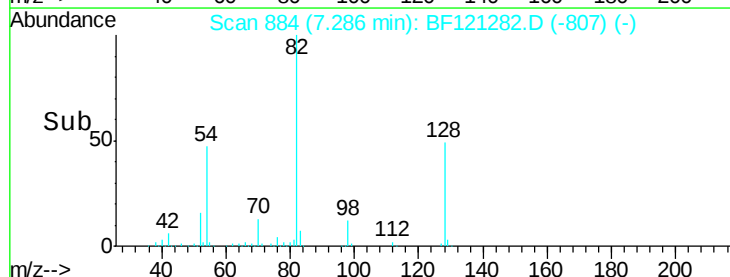
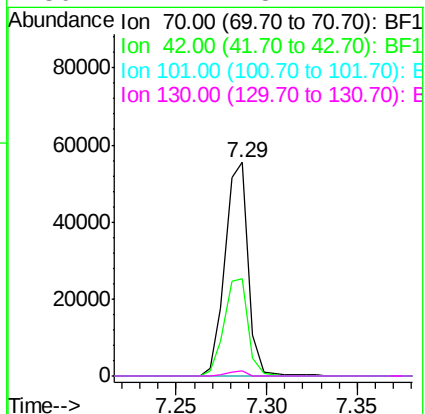
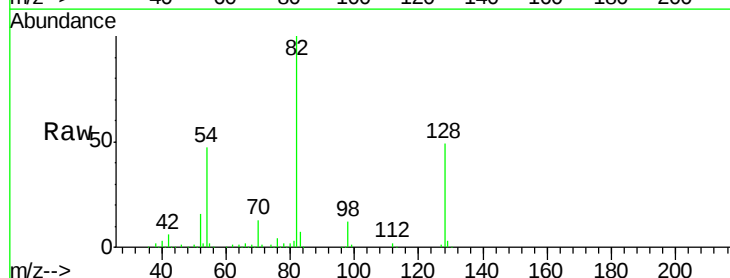
Ion Ratio Lower Upper

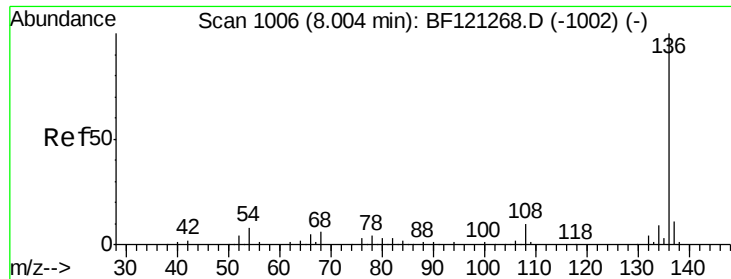
70 100

42 45.6 45.6 68.4

101 0.0 7.8 11.8#

130 2.2 18.2 27.2#

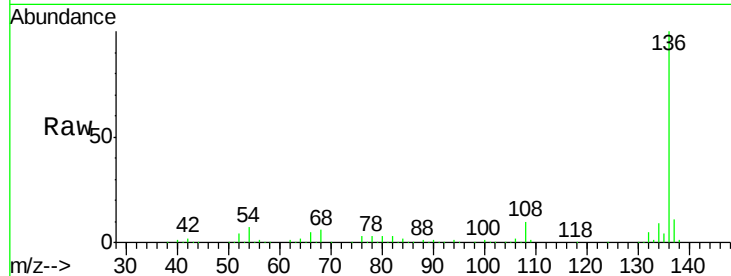




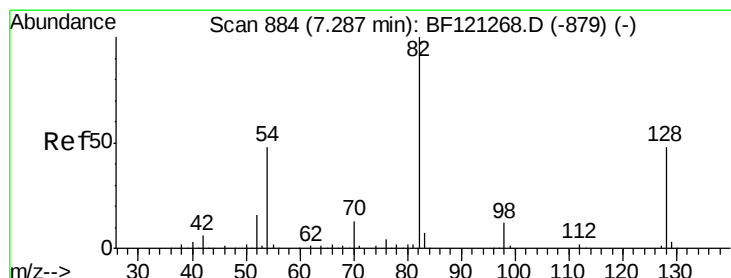
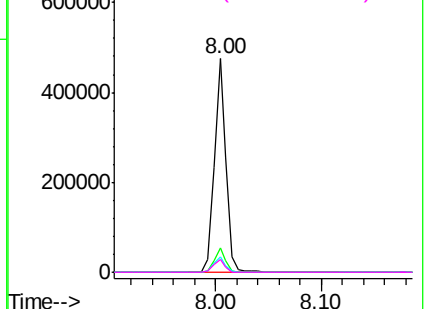
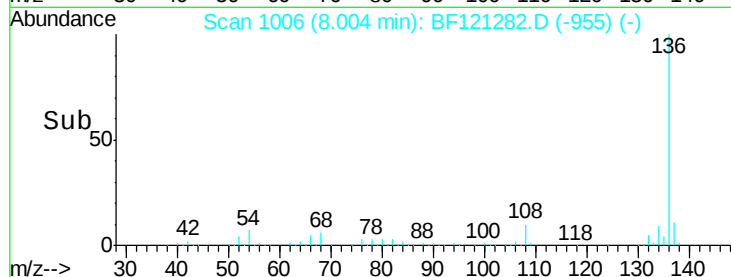
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF121282.D
Acq: 13 Aug 2020 21:10

Instrument :
BNA_F
ClientSampleId :
TR-04-081220

Tot Ion:136	Resp:	368858
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.6 13.0
54	7.5	5.3 7.9
68	6.0	4.2 6.2

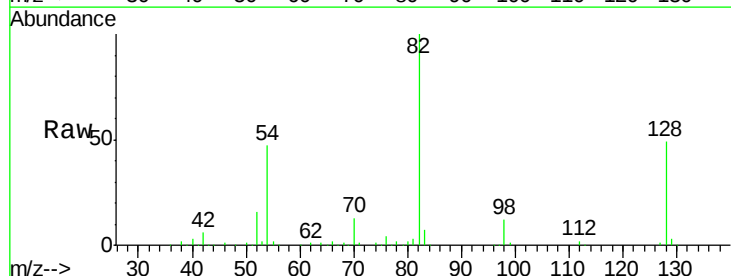


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

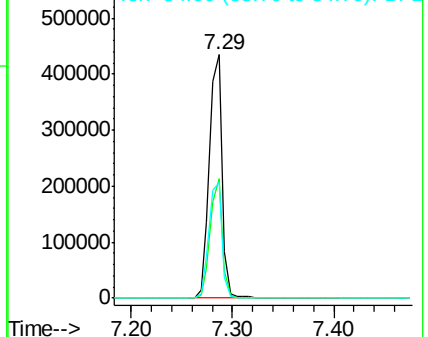
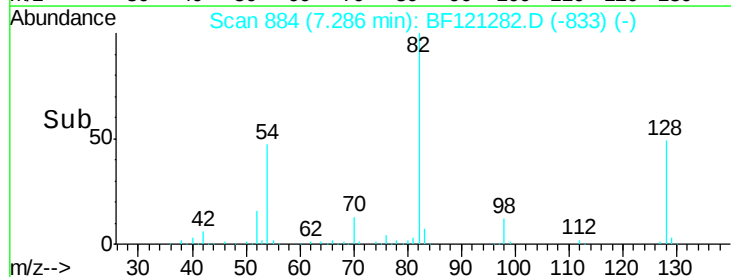


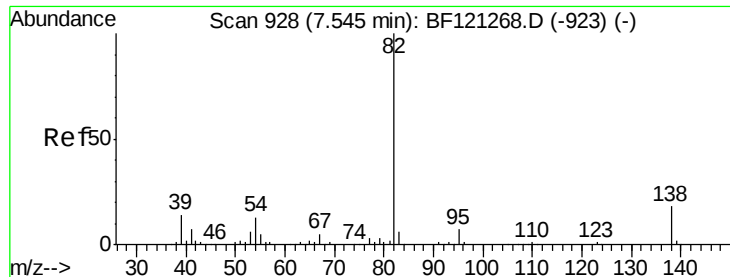
#23
Nitrobenzene-d5
Concen: 56.489 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF121282.D
Acq: 13 Aug 2020 21:10

Tgt Ion: 82	Resp:	381250
Ion	Ratio	Lower Upper
82	100	
128	49.0	39.8 59.8
54	47.4	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: 28.135 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.26 min

Lab File: BF121282.D

Acq: 13 Aug 2020 21:10

Instrument :

BNA_F

ClientSampleId :

TR-04-081220

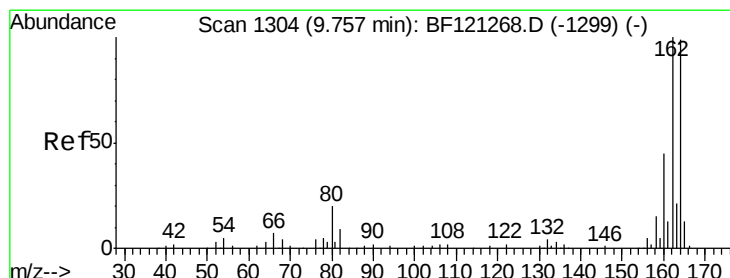
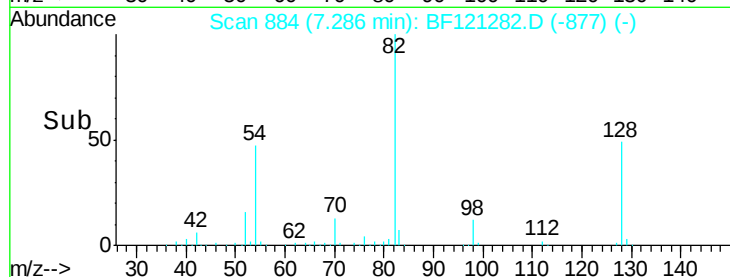
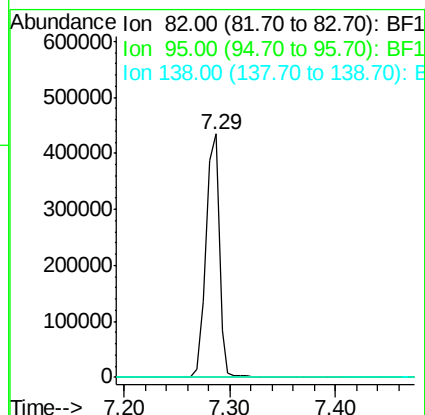
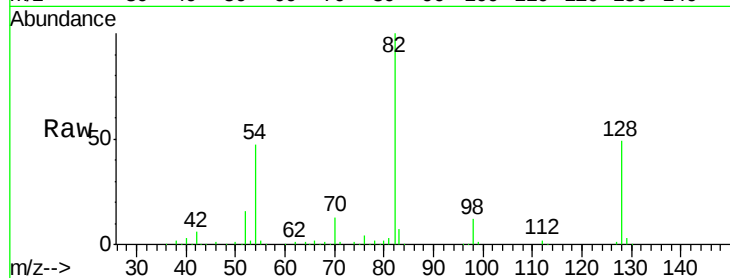
Tot Ion: 82 Resp: 381246

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

138 0.0 16.0 24.0#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF121282.D

Acq: 13 Aug 2020 21:10

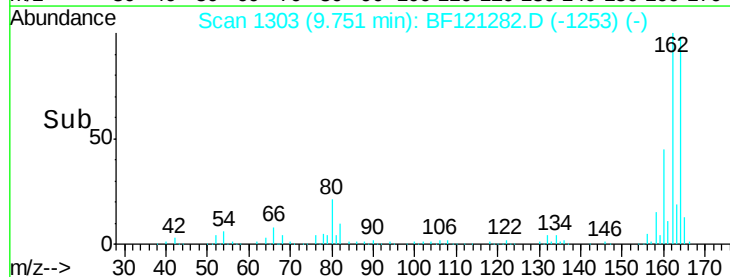
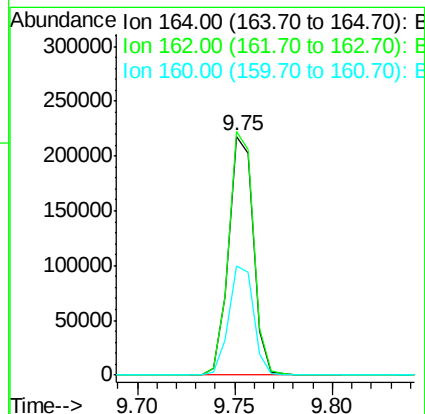
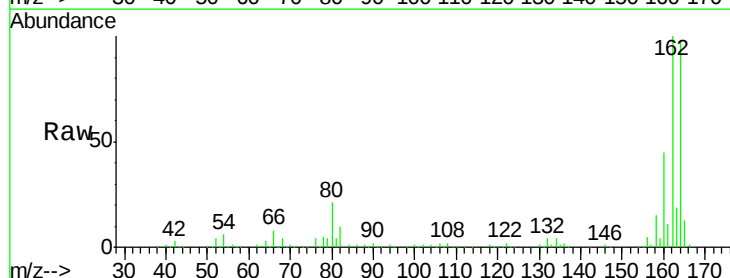
Tgt Ion:164 Resp: 191864

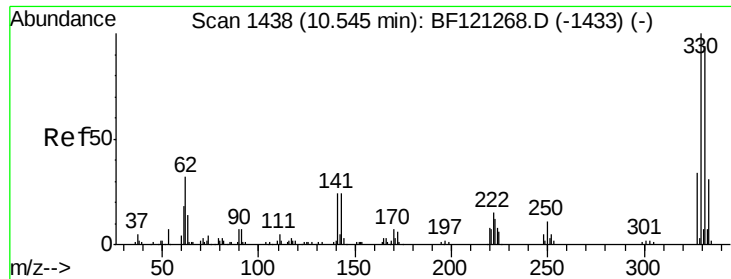
Ion Ratio Lower Upper

164 100

162 101.9 81.2 121.8

160 45.6 36.9 55.3





#42

2,4,6-Tribromophenol

Concen: 1.216 ng

RT: 10.55 min Scan# 1439

Delta R.T. 0.01 min

Lab File: BF121282.D

Acq: 13 Aug 2020 21:10

Instrument :

BNA_F

ClientSampleId :

TR-04-081220

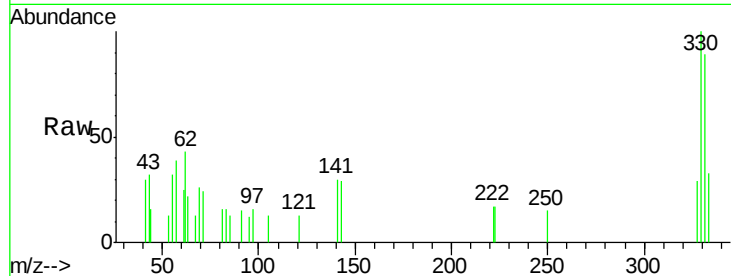
Tot Ion:330 Resp: 2873

Ion Ratio Lower Upper

330 100

332 101.6 75.4 113.0

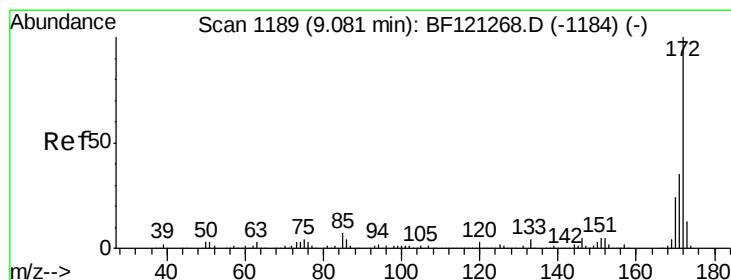
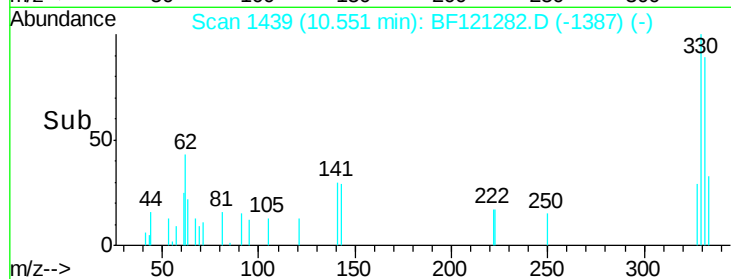
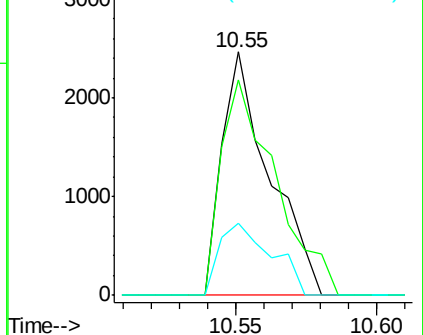
141 32.7 23.4 35.2



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: 53.337 ng

RT: 9.08 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF121282.D

Acq: 13 Aug 2020 21:10

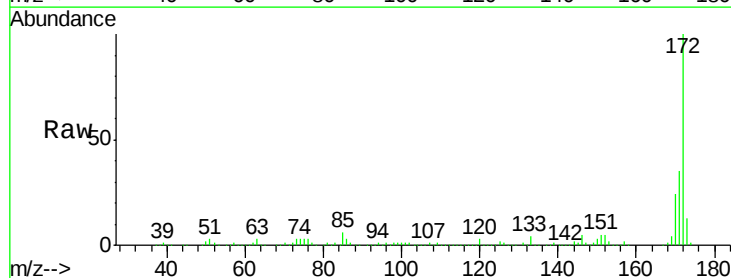
Tgt Ion:172 Resp: 739797

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

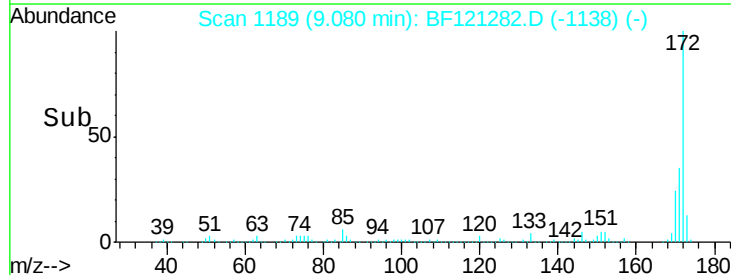
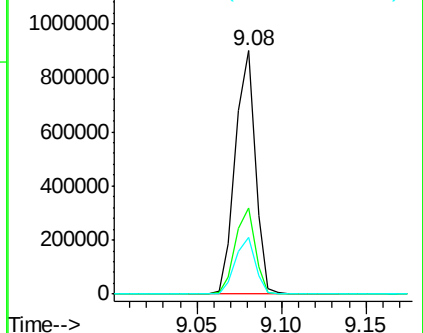
170 23.6 19.3 28.9

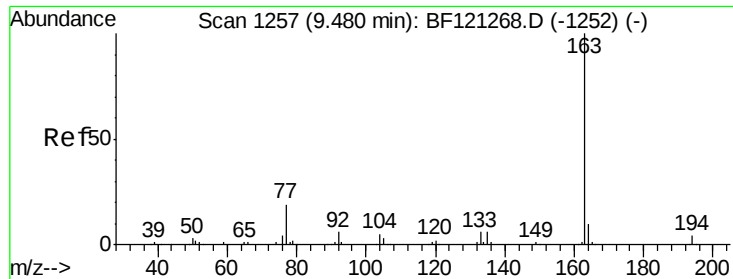


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

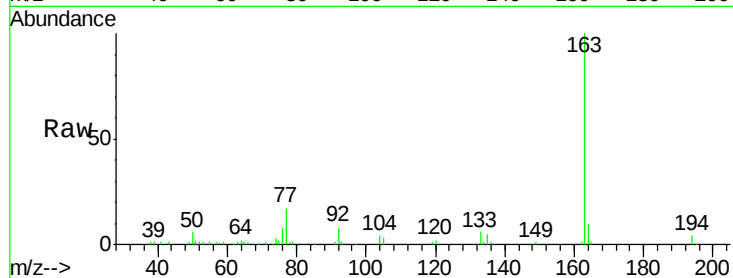




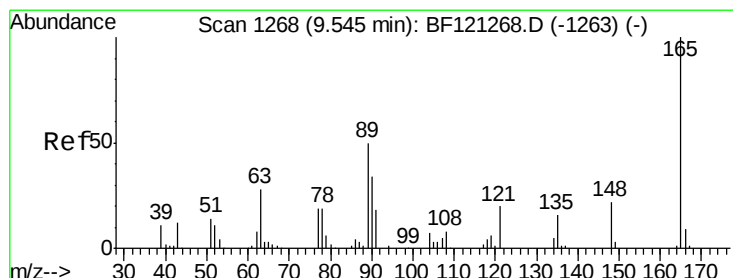
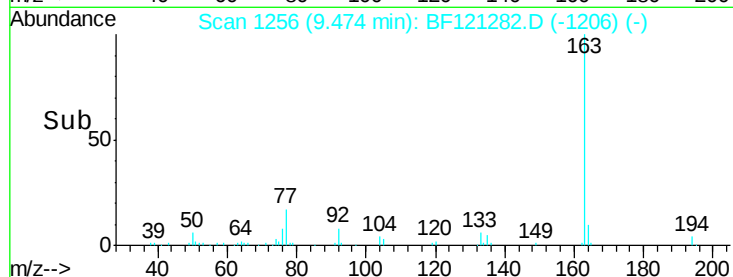
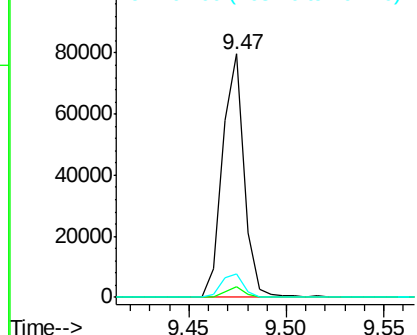
#50
Dimethylphthalate
Concen: 4.234 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF121282.D
Acq: 13 Aug 2020 21:10

Instrument :
BNA_F
ClientSampled :
TR-04-081220

Tot Ion:163 Resp: 61131
Ion Ratio Lower Upper
163 100
194 4.4 3.0 4.6
164 9.6 8.1 12.1

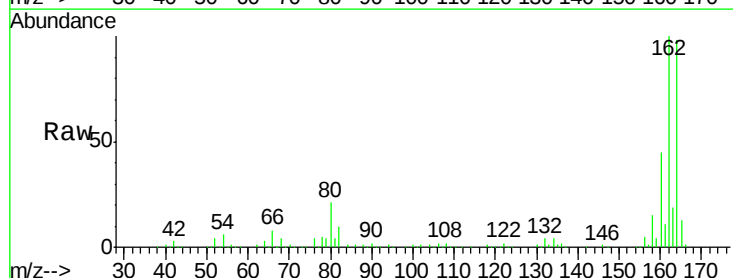


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

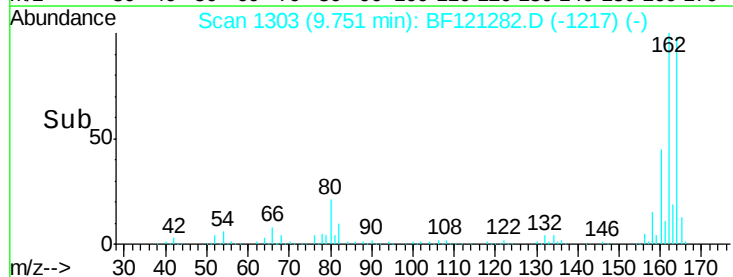
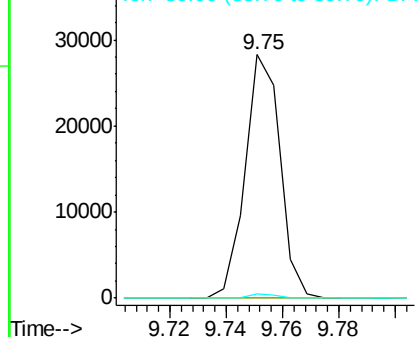


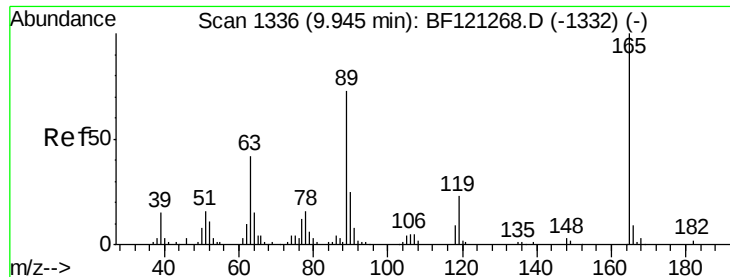
#51
2,6-Dinitrotoluene
Concen: 7.526 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF121282.D
Acq: 13 Aug 2020 21:10

Tgt Ion:165 Resp: 24221
Ion Ratio Lower Upper
165 100
63 0.0 42.3 63.5#
89 1.6 45.0 67.4#



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

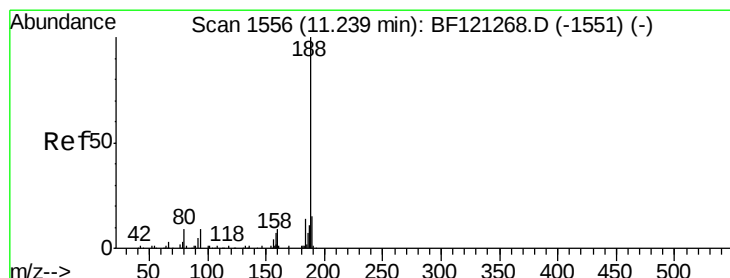
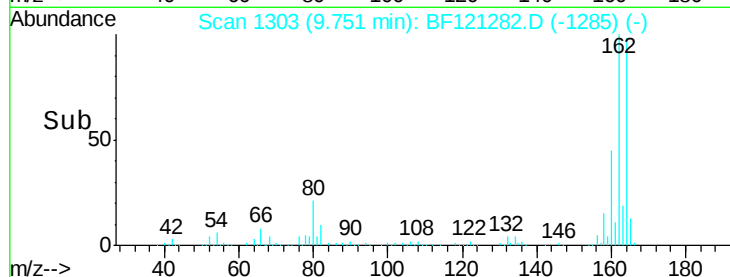
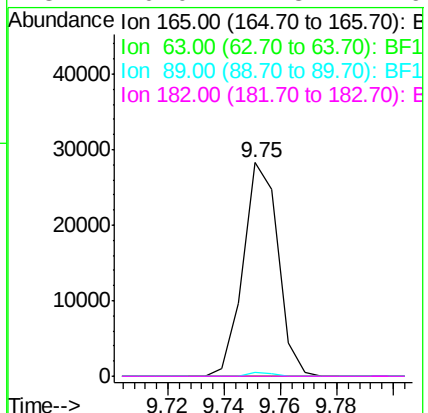
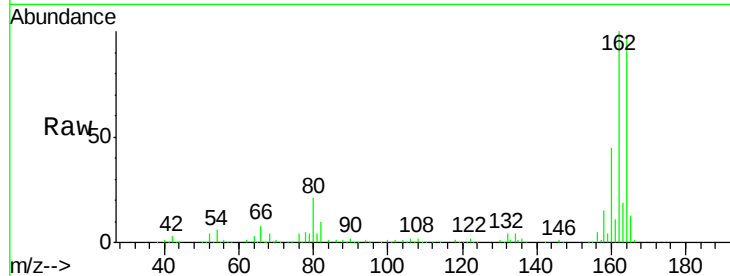




#57
 2,4-Dinitrotoluene
 Concen: 5.735 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.19 min
 Lab File: BF121282.D
 Acq: 13 Aug 2020 21:10

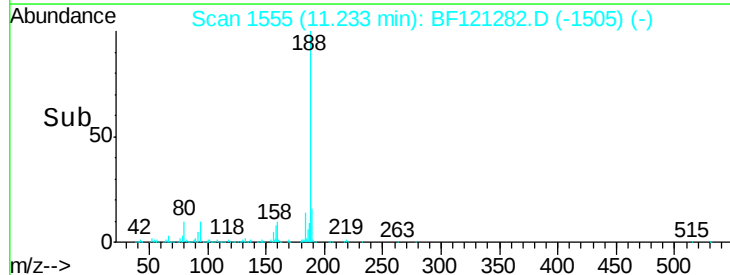
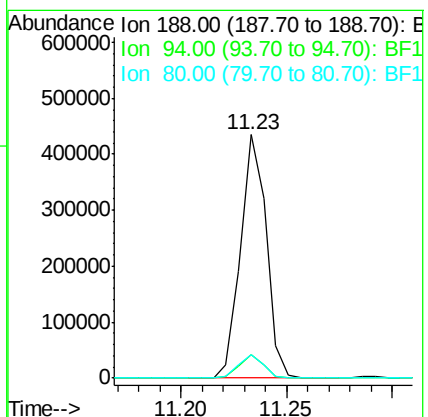
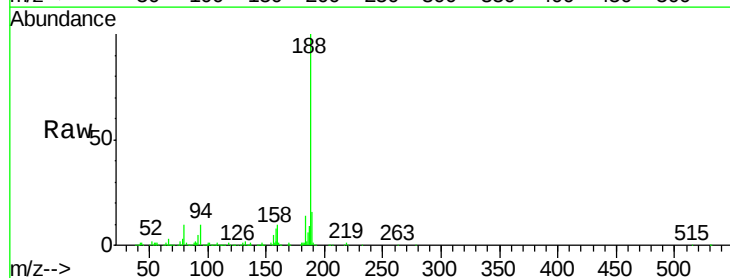
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-081220

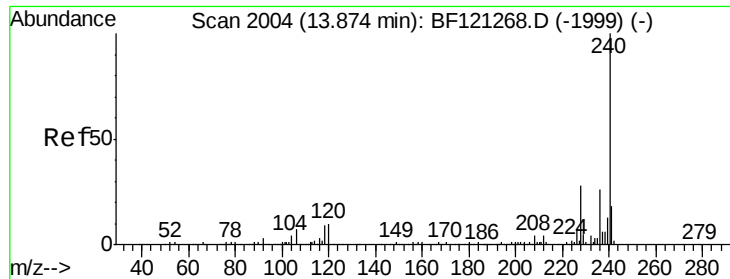
Tot Ion:165	Resp:	24221
Ion Ratio	Lower	Upper
165	100	
63	0.0	31.9 47.9#
89	1.6	53.6 80.4#
182	0.0	1.8 2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF121282.D
 Acq: 13 Aug 2020 21:10

Tgt Ion:188	Resp:	366282
Ion Ratio	Lower	Upper
188	100	
94	9.5	7.0 10.6
80	9.8	7.4 11.0

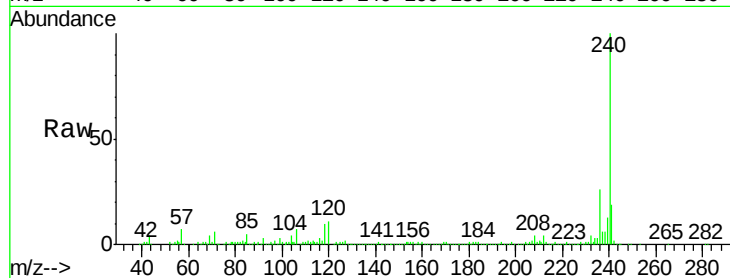




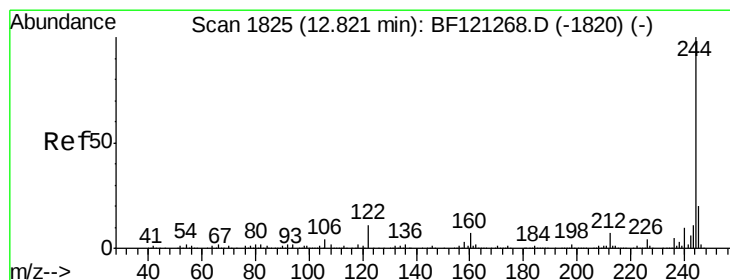
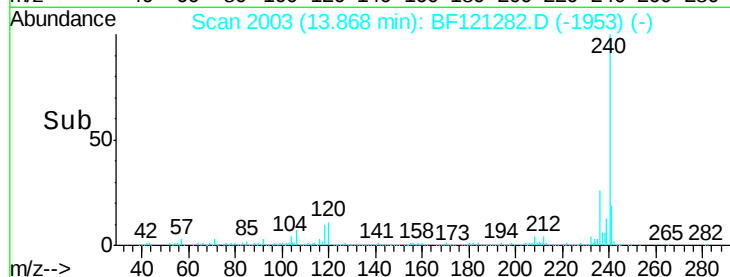
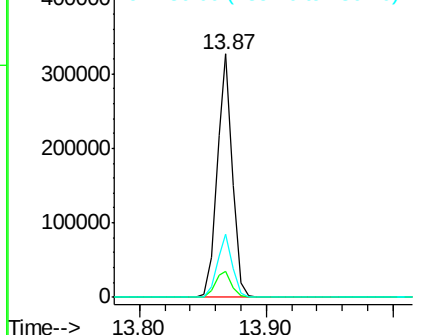
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF121282.D
 Acq: 13 Aug 2020 21:10

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-081220

Tot Ion:240 Resp: 274995
 Ion Ratio Lower Upper
 240 100
 120 10.9 9.2 13.8
 236 25.7 21.0 31.4

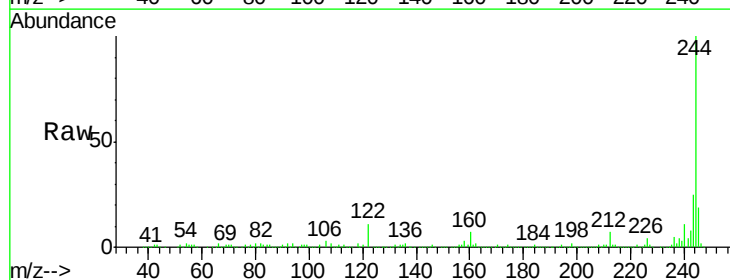


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

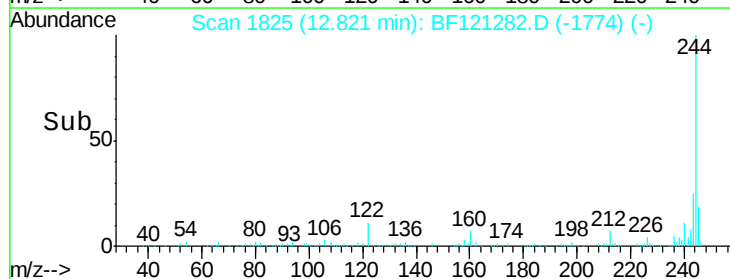
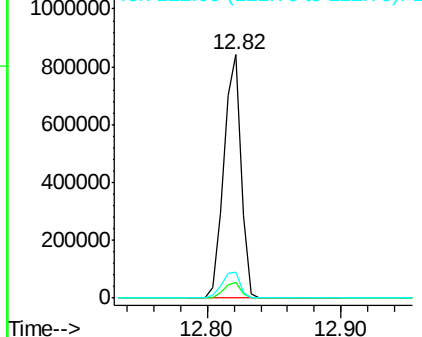


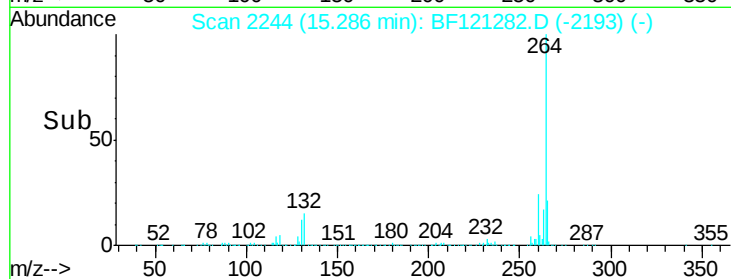
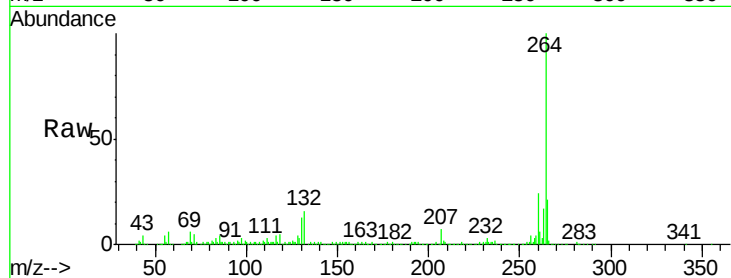
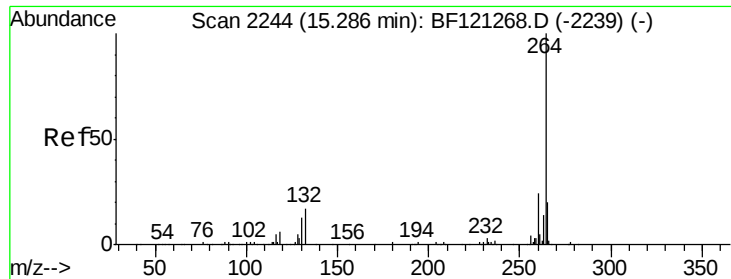
#79
 Terphenyl-d14
 Concen: 54.768 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF121282.D
 Acq: 13 Aug 2020 21:10

Tgt Ion:244 Resp: 772614
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 10.8 9.1 13.7



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: 15.29 min Scan# 2244

Delta R.T. -0.00 min

Lab File: BF121282.D

Acq: 13 Aug 2020 21:10

Instrument :

BNA_F

ClientSampleId :

TR-04-081220

Tot Ion:264 Resp: 240333

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.2 17.1 25.7

