

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082820\
 Data File : BF121456.D
 Acq On : 28 Aug 2020 13:13
 Operator : JU/CG
 Sample : PB131261BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB131261BL

Quant Time: Aug 28 13:57:58 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF082720.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 28 09:25:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	316814	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1236896	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	662276	20.00	ng	0.00
64) Phenanthrene-d10	11.38	188	1282757	20.00	ng	0.00
76) Chrysene-d12	14.02	240	1087252	20.00	ng	0.00
86) Perylene-d12	15.49	264	1033212	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	2078841	110.09	ng	0.01
7) Phenol-d6	6.48	99	2721908	103.15	ng	-0.01
23) Nitrobenzene-d5	7.42	82	1733938	95.84	ng	-0.01
42) 2,4,6-Tribromophenol	10.69	330	818221	122.32	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	3229190	78.67	ng	0.00
79) Terphenyl-d14	12.97	244	3394331	65.72	ng	0.00

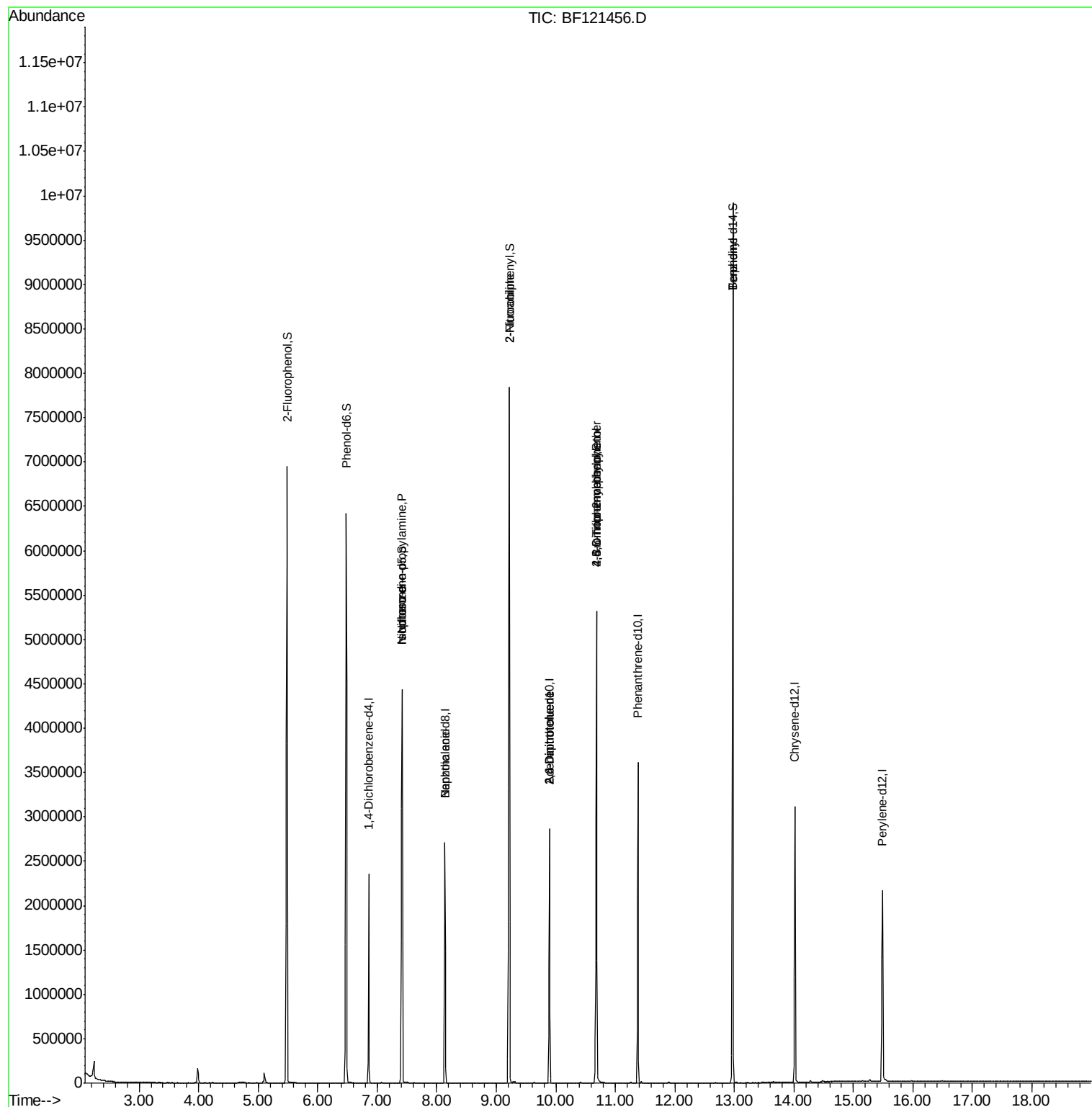
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.48	77	4010	Below Cal		# 2
19) n-Nitroso-di-n-propylamine	7.42	70	232950	15.796	ng	# 79
25) Isophorone	7.42	82	1726571	42.428	ng	# 64
32) Benzoic acid	8.14	122	116	6.673	ng	# 1
48) 2-Nitroaniline	9.22	65	5555	7.063	ng	# 1
51) 2,6-Dinitrotoluene	9.90	165	85766	15.133	ng	# 24
57) 2,4-Dinitrotoluene	9.90	165	85766	14.209	ng	# 21
65) 4,6-Dinitro-2-methylphenol	10.68	198	1979	6.321	ng	# 1
67) 4-Bromophenyl-phenylether	10.69	248	48755	3.455	ng	# 1
77) Benzidine	12.97	184	49974	2.108	ng	# 91

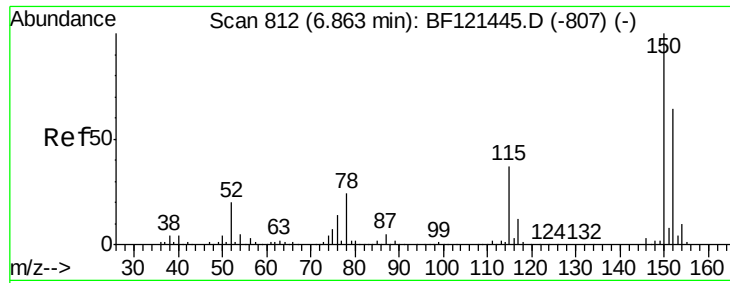
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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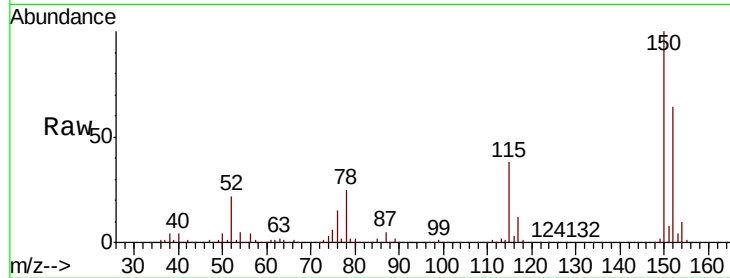




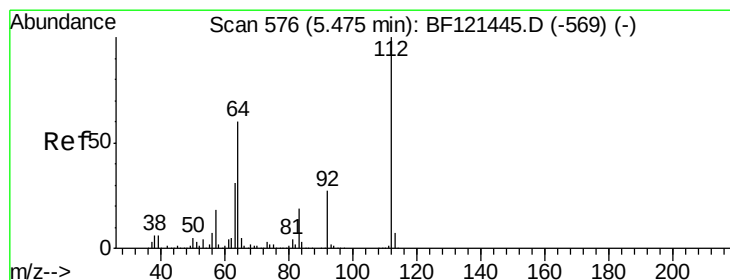
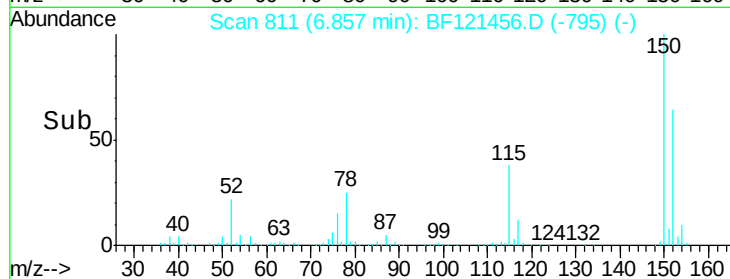
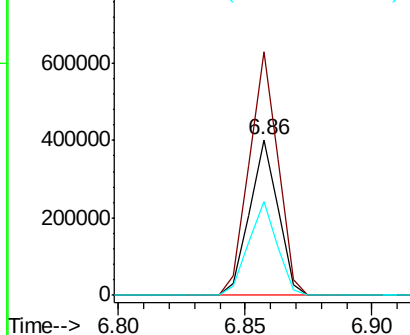
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BF121456.D
 Acq: 28 Aug 2020 13:13

Instrument :
 BNA_F
 ClientSampleId :
 PB131261BL

Tot Ion:152 Resp: 316814
 Ion Ratio Lower Upper
 152 100
 150 156.1 125.8 188.6
 115 60.0 46.6 69.8

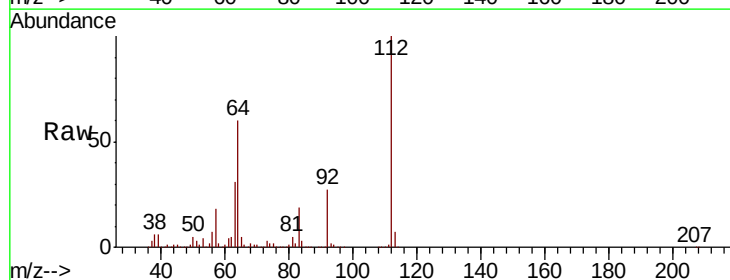


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

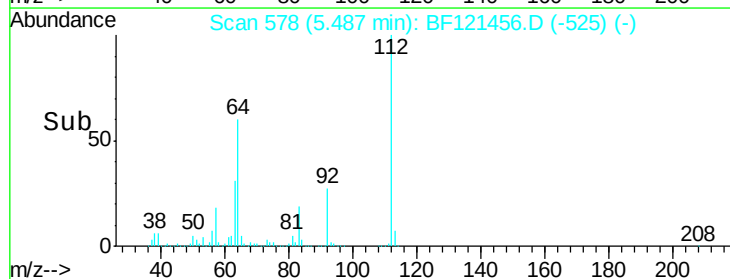
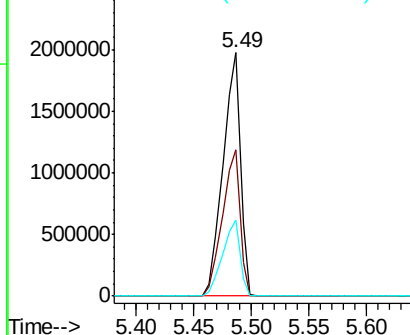


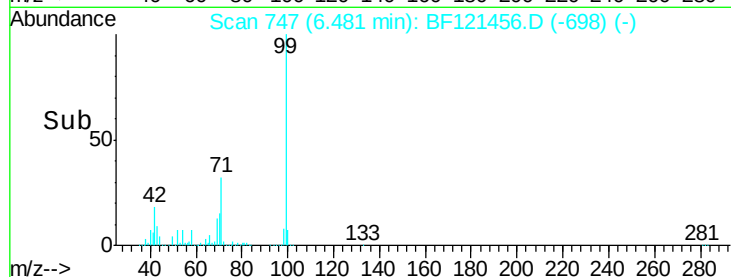
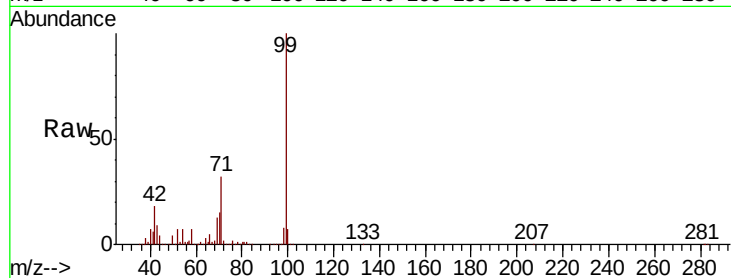
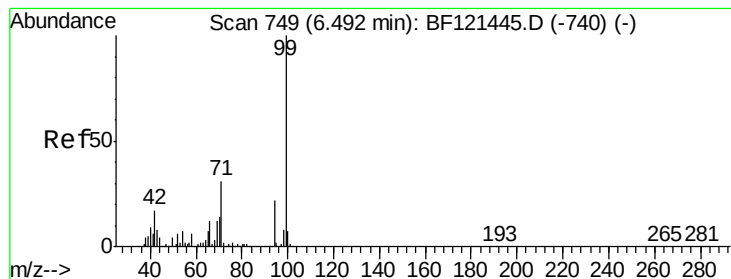
#5
 2-Fluorophenol
 Concen: 110.089 ng
 RT: 5.49 min Scan# 578
 Delta R.T. 0.01 min
 Lab File: BF121456.D
 Acq: 28 Aug 2020 13:13

Tgt Ion:112 Resp: 2078841
 Ion Ratio Lower Upper
 112 100
 64 59.9 48.2 72.2
 63 31.1 24.8 37.2



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: 103.146 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF121456.D

Acq: 28 Aug 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB131261BL

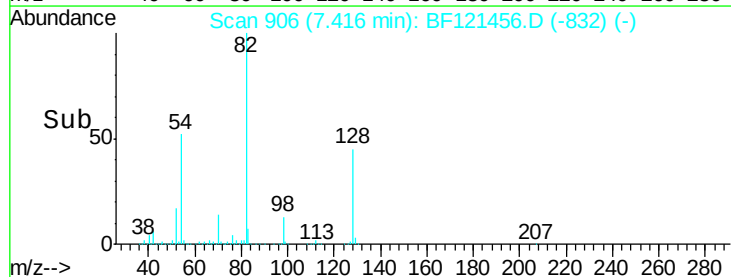
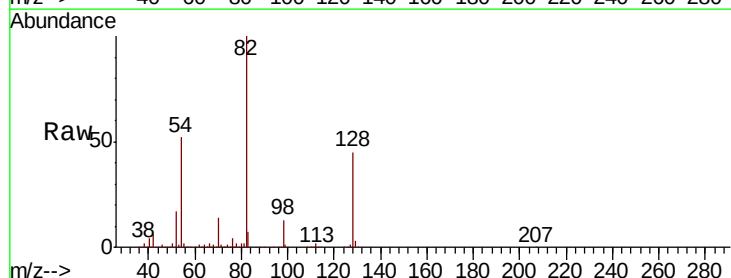
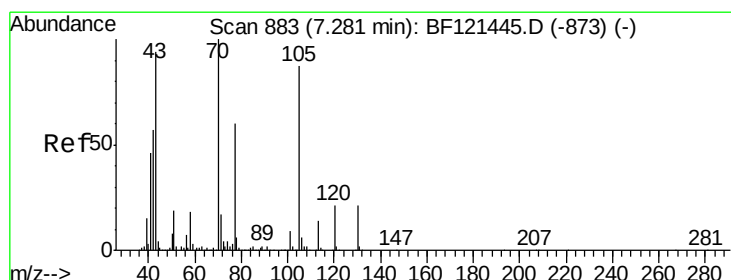
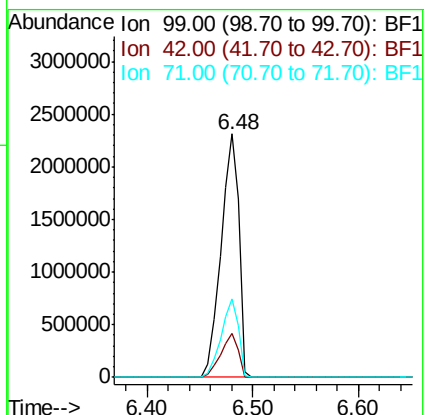
Tot Ion: 99 Resp: 2721908

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

71 32.5 24.6 37.0



#19

n-Nitroso-di-n-propylamine

Concen: 15.796 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.14 min

Lab File: BF121456.D

Acq: 28 Aug 2020 13:13

Tgt Ion: 70 Resp: 232950

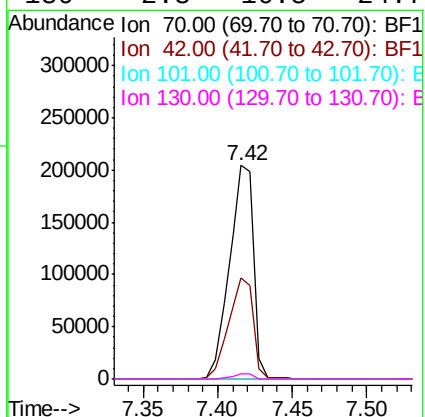
Ion Ratio Lower Upper

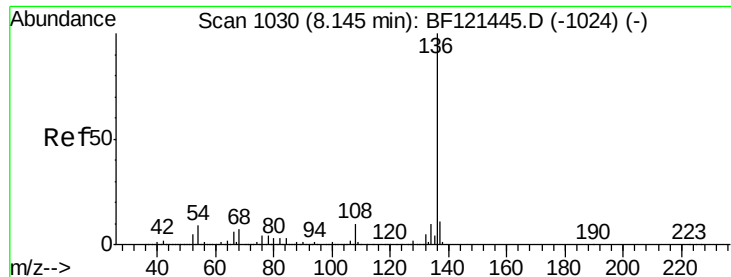
70 100

42 47.1 45.8 68.6

101 0.0 7.5 11.3#

130 2.3 16.5 24.7#

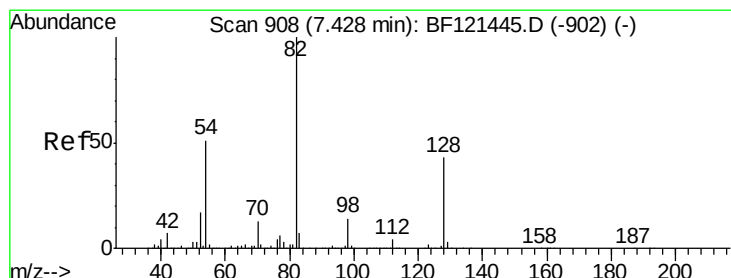
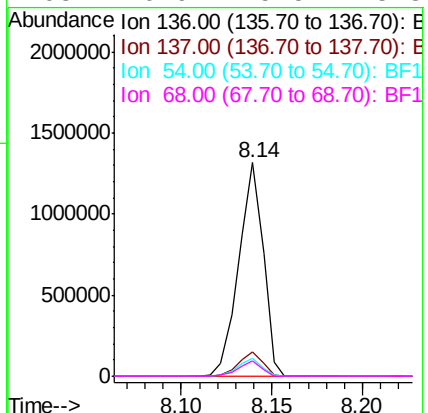
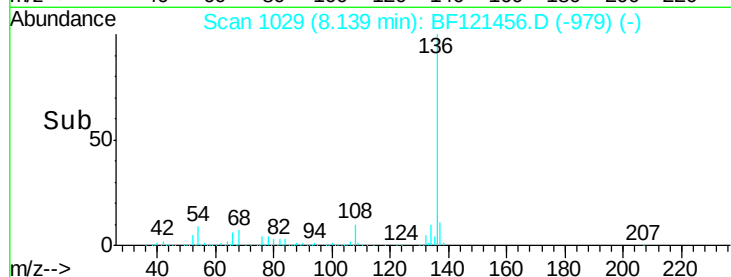
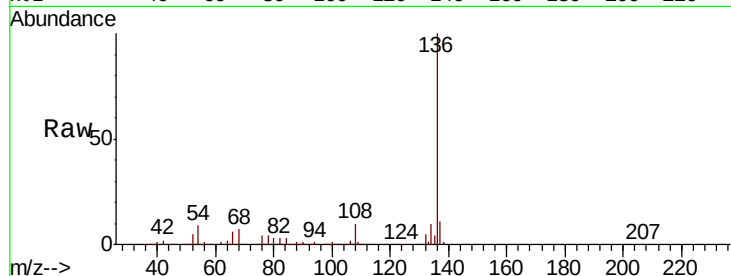




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BF121456.D
Acq: 28 Aug 2020 13:13

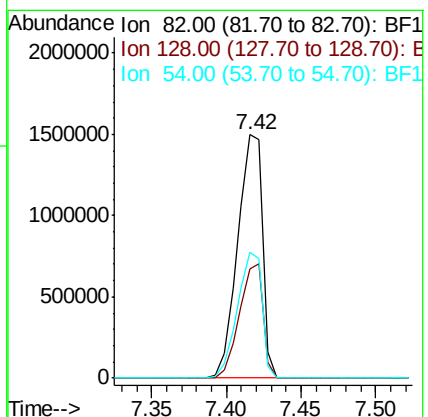
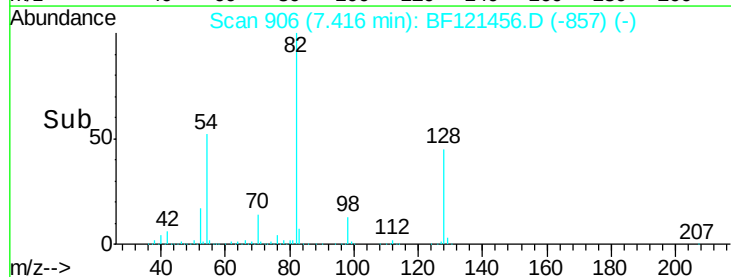
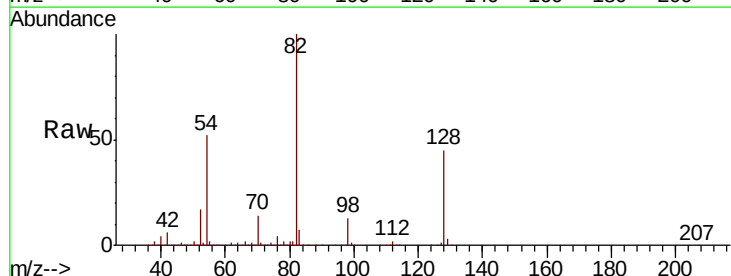
Instrument :
BNA_F
ClientSampleId :
PB131261BL

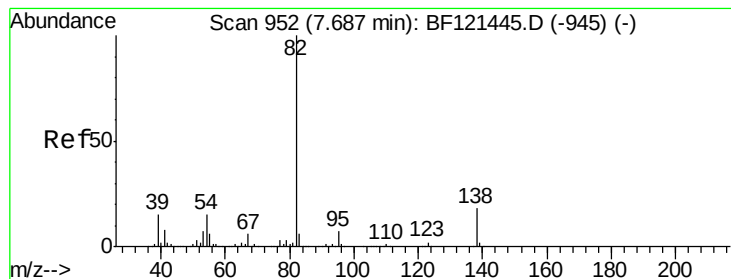
Tot Ion:136	Resp: 1236896
Ion Ratio	Lower Upper
136 100	
137 11.3	9.1 13.7
54 8.5	7.0 10.4
68 6.9	5.5 8.3



#23
Nitrobenzene-d5
Concen: 95.838 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF121456.D
Acq: 28 Aug 2020 13:13

Tgt Ion: 82	Resp: 1733938
Ion Ratio	Lower Upper
82 100	
128 44.8	34.1 51.1
54 52.0	41.0 61.6





#25

Isophorone

Concen: 42.428 ng

RT: 7.42 min Scan# 906

Delta R.T. -0.27 min

Lab File: BF121456.D

Acq: 28 Aug 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB131261BL

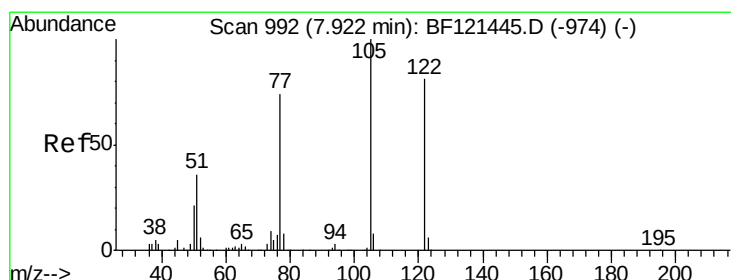
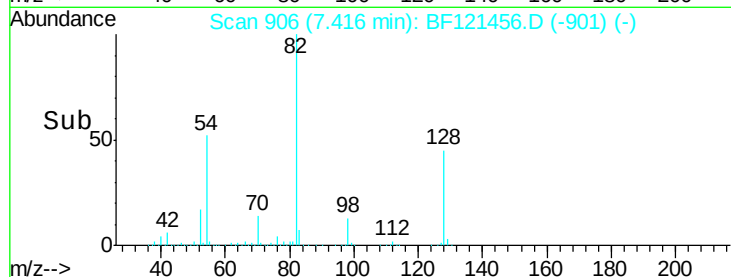
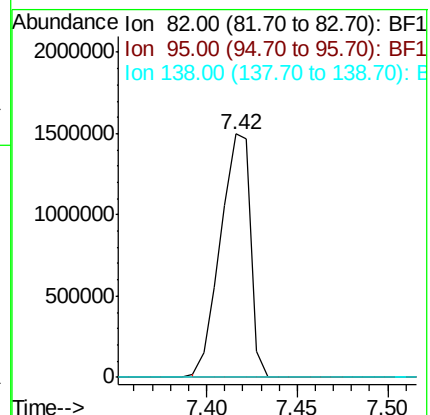
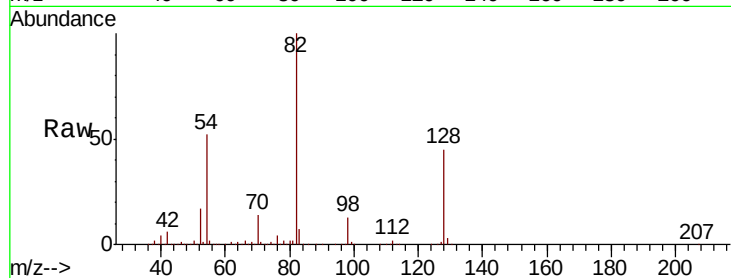
Tot Ion: 82 Resp: 1726571

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.8 22.2#



#32

Benzoic acid

Concen: 6.673 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.22 min

Lab File: BF121456.D

Acq: 28 Aug 2020 13:13

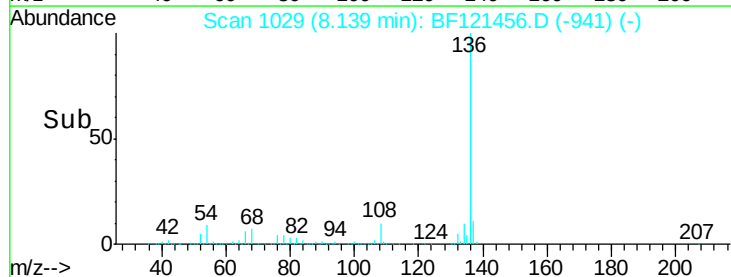
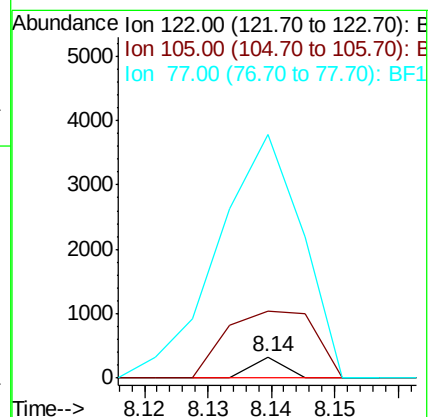
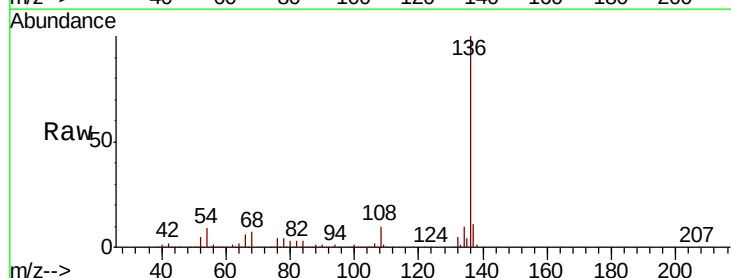
Tgt Ion: 122 Resp: 116

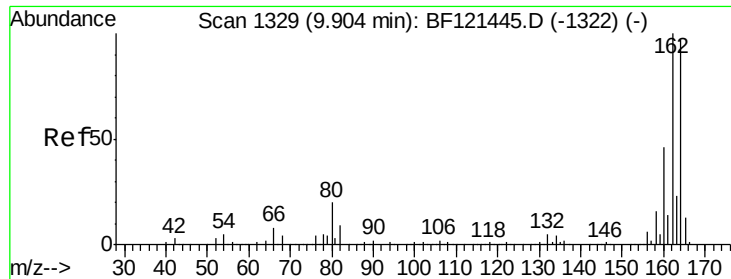
Ion Ratio Lower Upper

122 100

105 314.5 100.8 140.8#

77 1145.5 71.5 111.5#

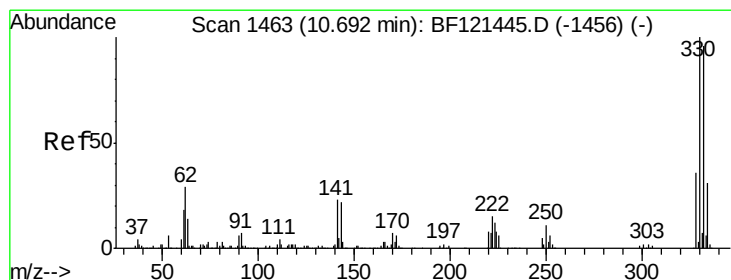
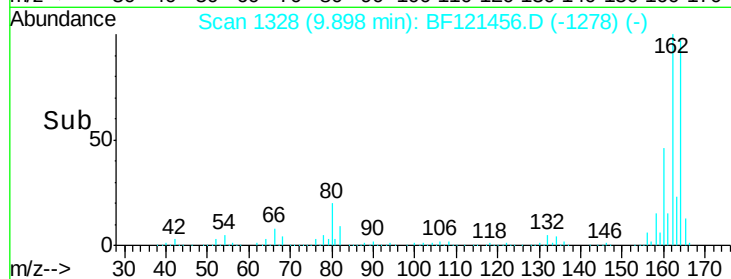
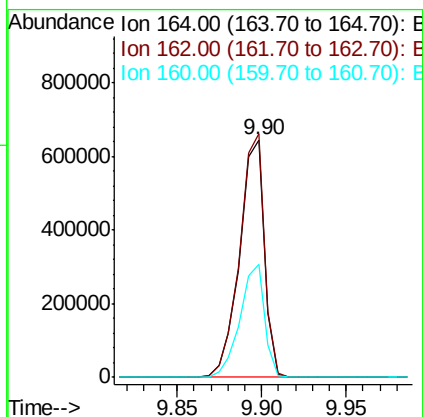
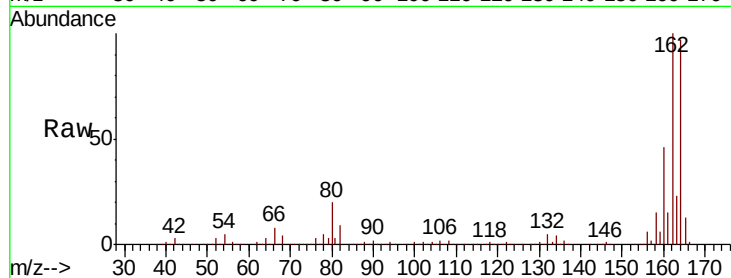




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.01 min
Lab File: BF121456.D
Acq: 28 Aug 2020 13:13

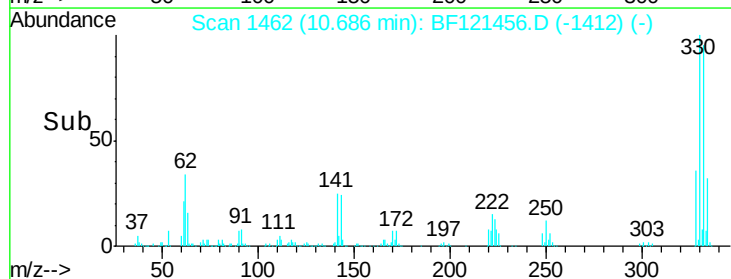
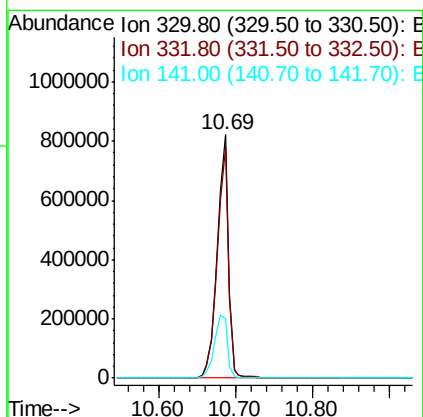
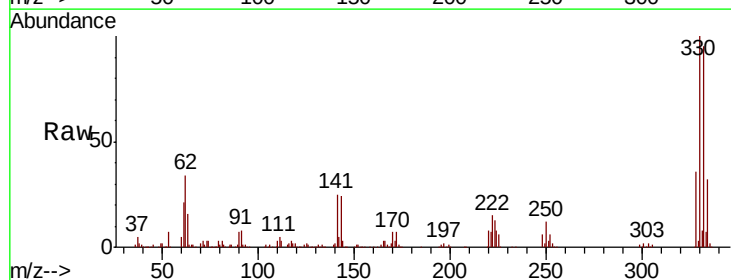
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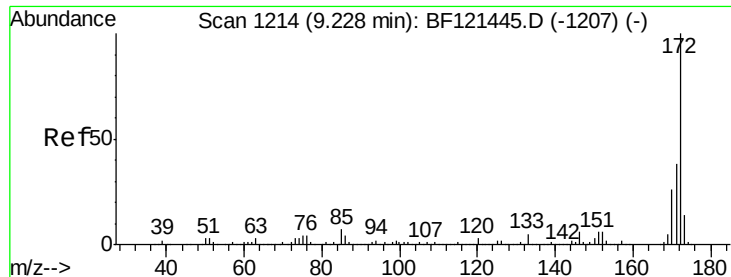
Tot Ion:164 Resp: 662276
Ion Ratio Lower Upper
164 100
162 102.6 82.4 123.6
160 47.6 37.6 56.4



#42
2,4,6-Tribromophenol
Concen: 122.317 ng
RT: 10.69 min Scan# 1462
Delta R.T. -0.01 min
Lab File: BF121456.D
Acq: 28 Aug 2020 13:13

Tgt Ion:330 Resp: 818221
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.2
141 30.1 24.6 36.8

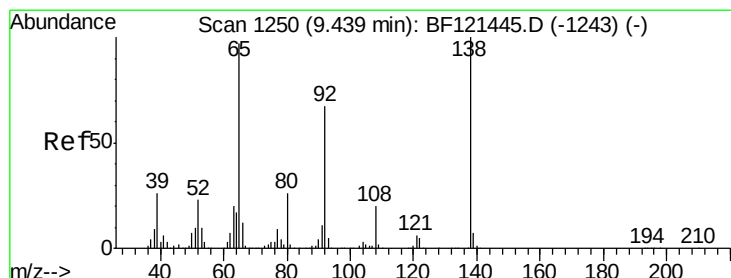
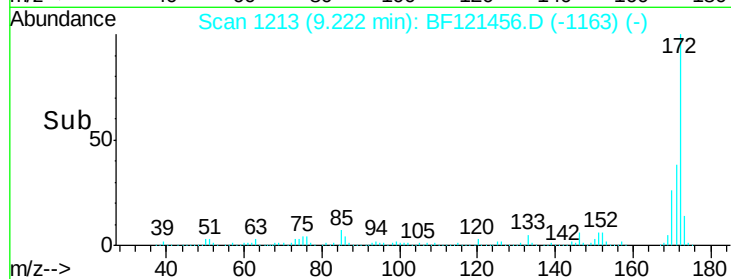
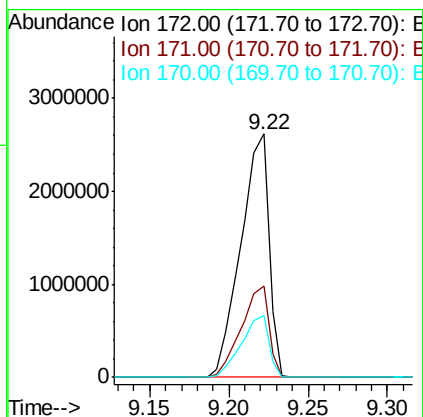
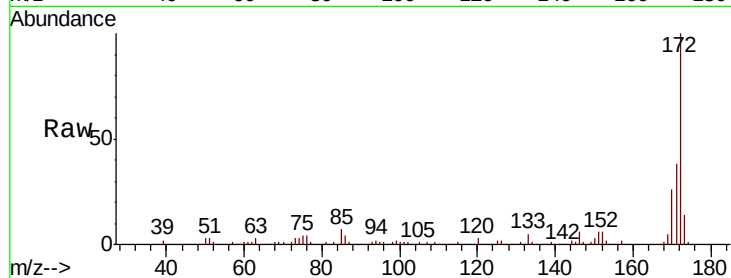




#45
2-Fluorobiphenyl
Concen: 78.674 ng
RT: 9.22 min Scan# 1213
Delta R.T. -0.01 min
Lab File: BF121456.D
Acq: 28 Aug 2020 13:13

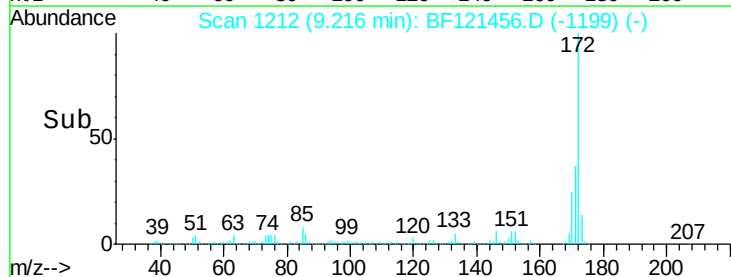
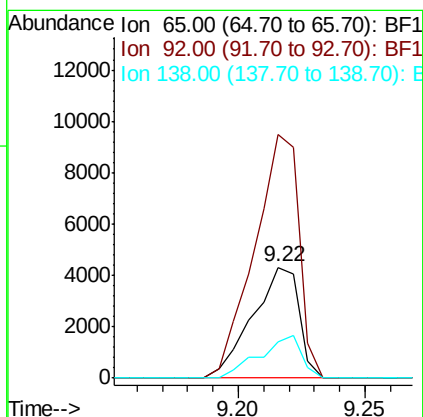
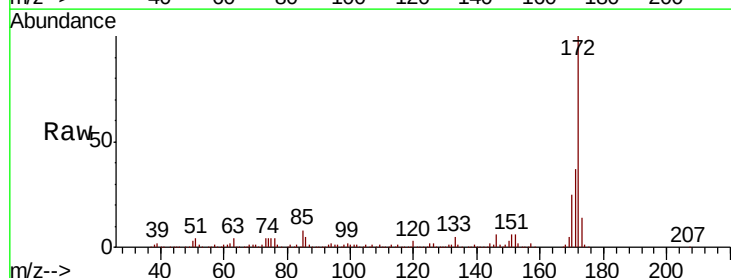
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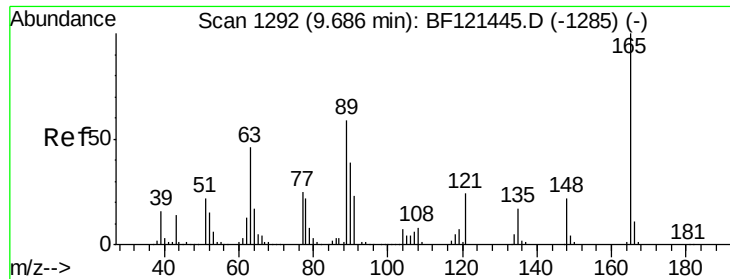
Tot Ion:172 Resp: 3229190
Ion Ratio Lower Upper
172 100
171 37.6 30.6 45.8
170 25.7 20.6 31.0



#48
2-Nitroaniline
Concen: 7.063 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.22 min
Lab File: BF121456.D
Acq: 28 Aug 2020 13:13

Tgt Ion: 65 Resp: 5555
Ion Ratio Lower Upper
65 100
92 220.1 55.6 83.4#
138 32.7 82.9 124.3#

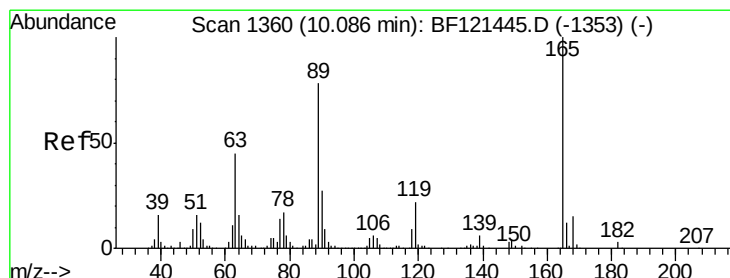
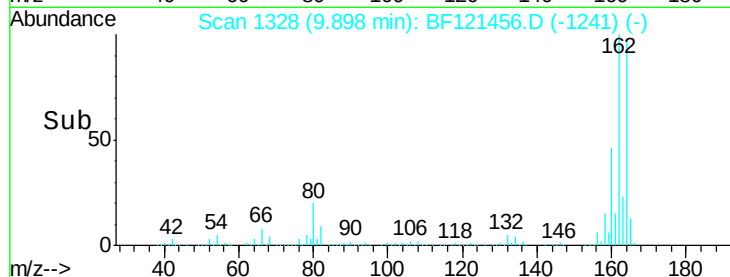
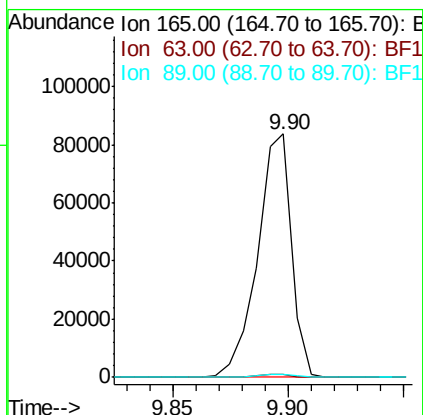
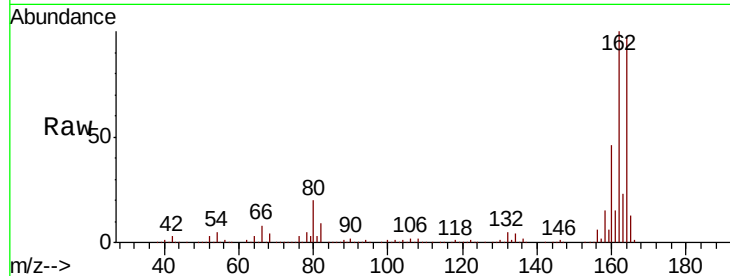




#51
 2,6-Dinitrotoluene
 Concen: 15.133 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. 0.21 min
 Lab File: BF121456.D
 Acq: 28 Aug 2020 13:13

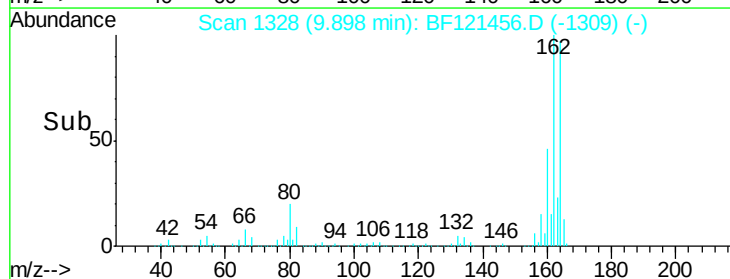
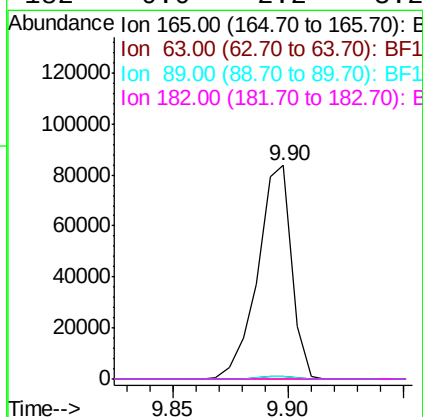
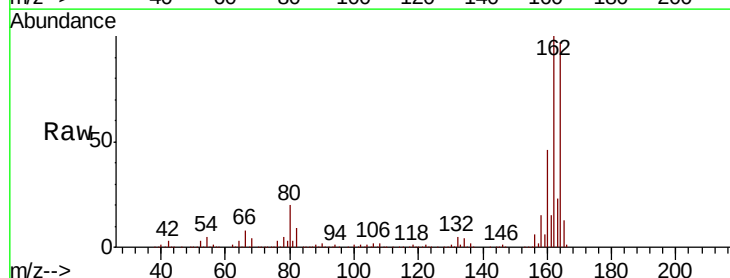
Instrument :
 BNA_F
 ClientSampled :
 PB131261BL

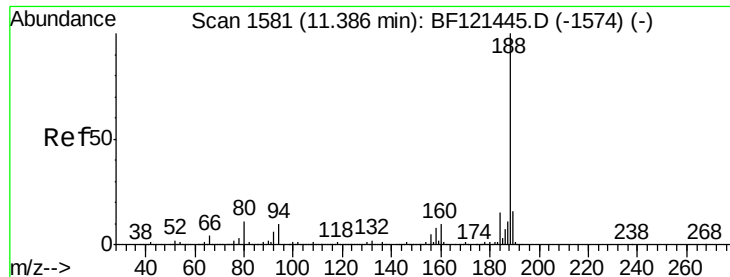
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	43.6	65.4#
89	1.4	47.4	71.2#



#57
 2,4-Dinitrotoluene
 Concen: 14.209 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.19 min
 Lab File: BF121456.D
 Acq: 28 Aug 2020 13:13

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.0	54.0#
89	1.4	62.6	93.8#
182	0.0	2.2	3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. -0.01 min

Lab File: BF121456.D

Acq: 28 Aug 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB131261BL

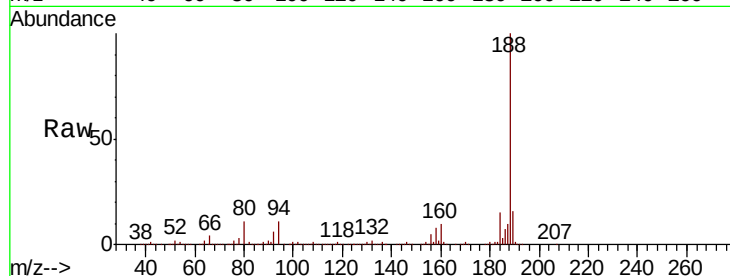
Tot Ion:188 Resp: 1282757

Ion Ratio Lower Upper

188 100

94 10.6 8.3 12.5

80 11.0 8.6 13.0



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

2000000

1500000

1000000

500000

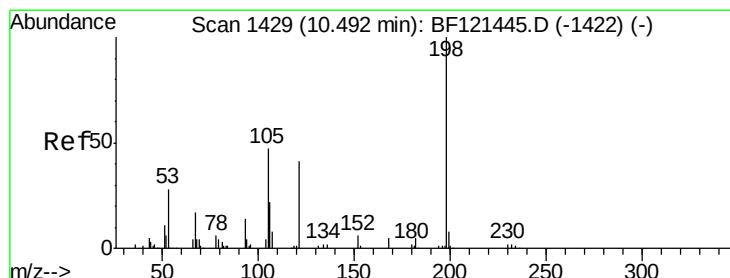
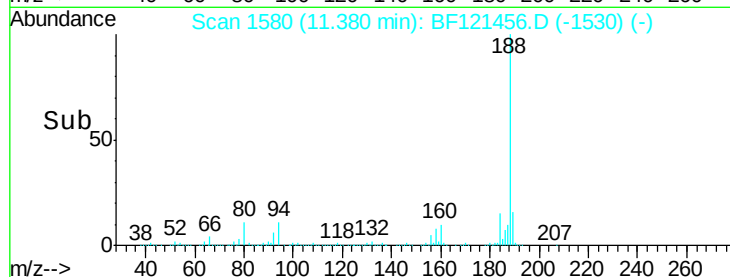
0

11.38

11.35

11.40

Time-->



#65

4,6-Dinitro-2-methylphenol

Concen: 6.321 ng

RT: 10.68 min Scan# 1461

Delta R.T. 0.19 min

Lab File: BF121456.D

Acq: 28 Aug 2020 13:13

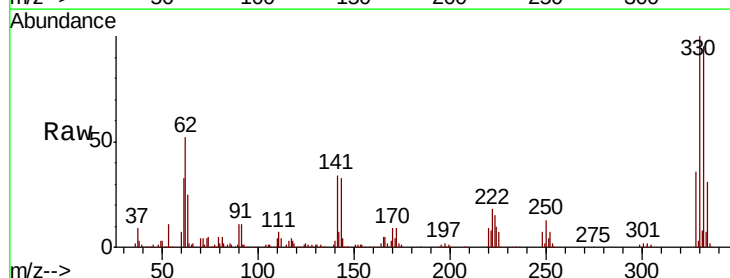
Tgt Ion:198 Resp: 1979

Ion Ratio Lower Upper

198 100

51 142.3 29.0 69.0#

105 166.5 29.1 69.1#



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

4000

3000

2000

1000

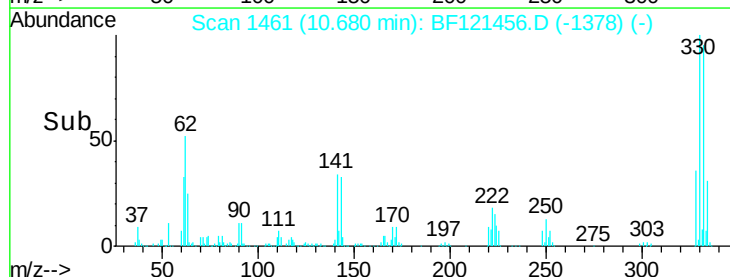
0

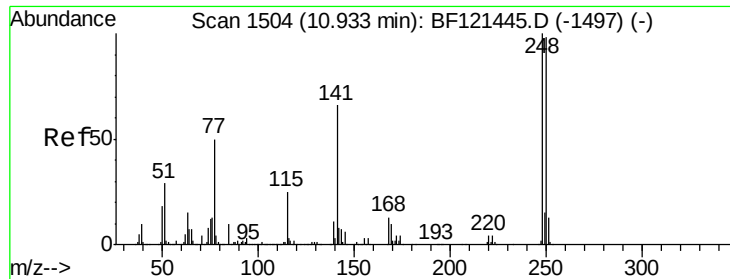
10.68

10.65

10.70

Time-->

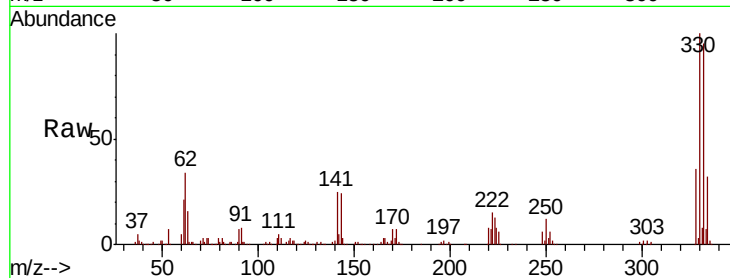




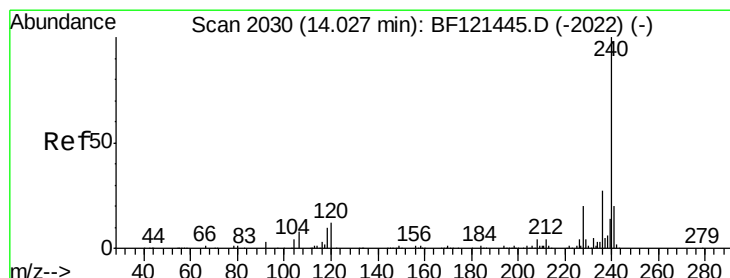
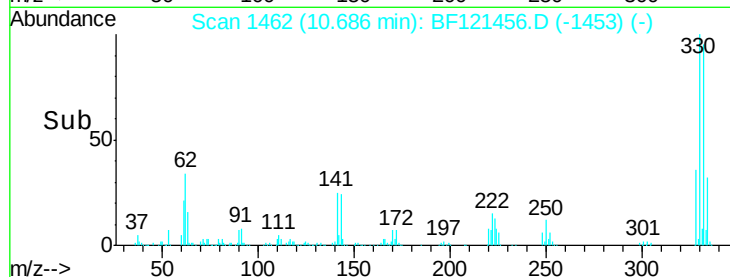
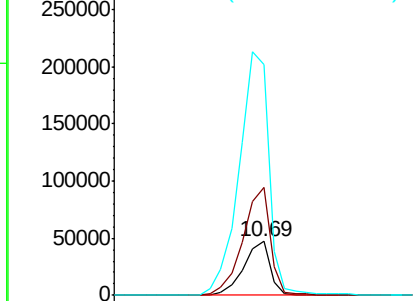
#67
 4-Bromophenyl-phenylether
 Concen: 3.455 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.25 min
 Lab File: BF121456.D
 Acq: 28 Aug 2020 13:13

Instrument :
 BNA_F
 ClientSampled :
 PB131261BL

Tot Ion:248 Resp: 48755
 Ion Ratio Lower Upper
 248 100
 250 200.0 78.7 118.1#
 141 426.9 52.6 78.8#

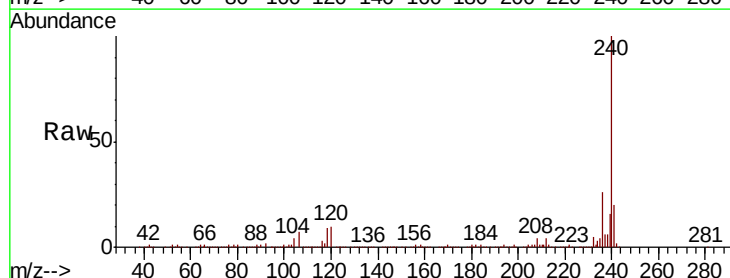


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

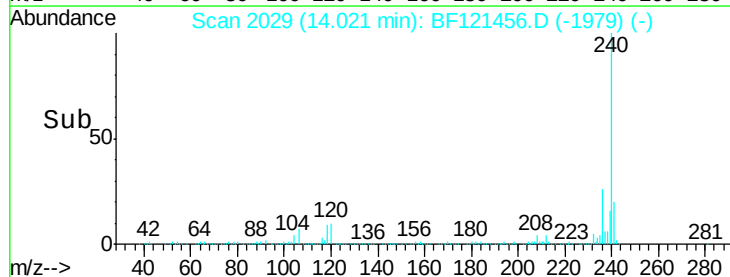
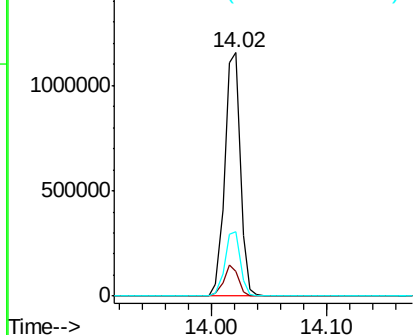


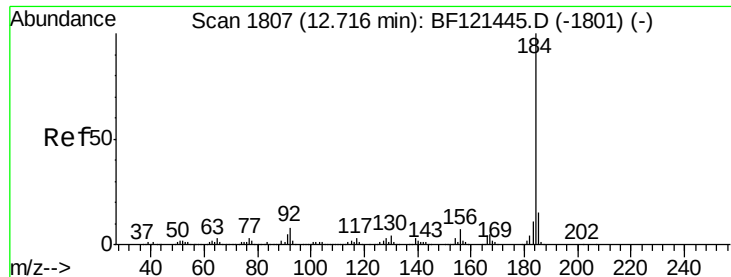
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF121456.D
 Acq: 28 Aug 2020 13:13

Tgt Ion:240 Resp: 1087252
 Ion Ratio Lower Upper
 240 100
 120 10.2 9.5 14.3
 236 26.5 21.8 32.6



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





#77

Benzidine

Concen: 2.108 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.26 min

Lab File: BF121456.D

Acq: 28 Aug 2020 13:13

Instrument :

BNA_F

ClientSampleId :

PB131261BL

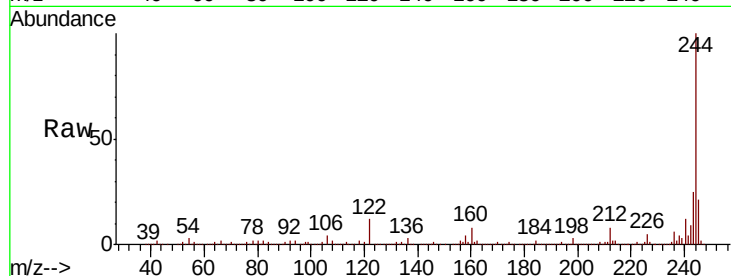
Tot Ion:184 Resp: 49974

Ion Ratio Lower Upper

184 100

185 18.3 12.1 18.1#

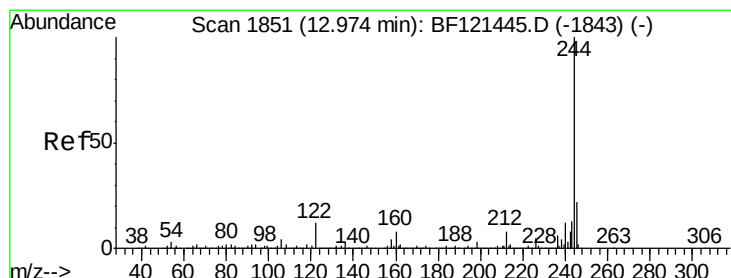
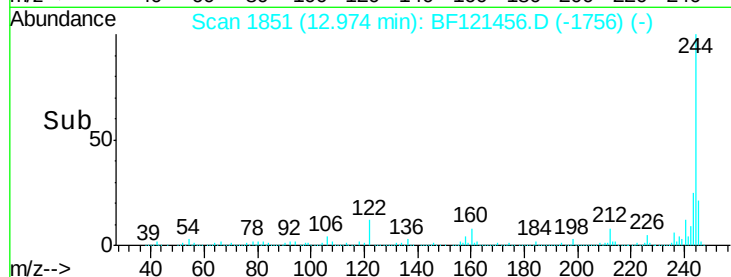
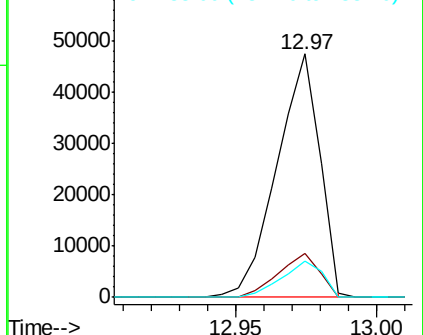
183 15.1 8.9 13.3#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 65.715 ng

RT: 12.97 min Scan# 1851

Delta R.T. -0.00 min

Lab File: BF121456.D

Acq: 28 Aug 2020 13:13

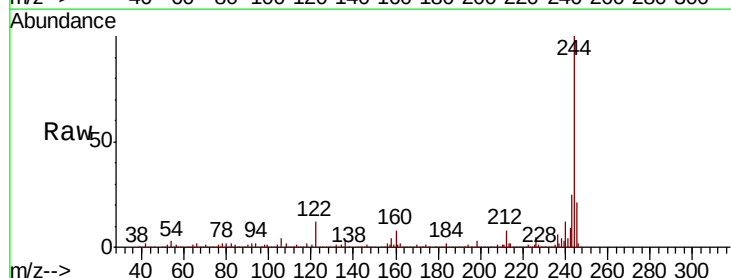
Tgt Ion:244 Resp: 3394331

Ion Ratio Lower Upper

244 100

212 8.0 6.3 9.5

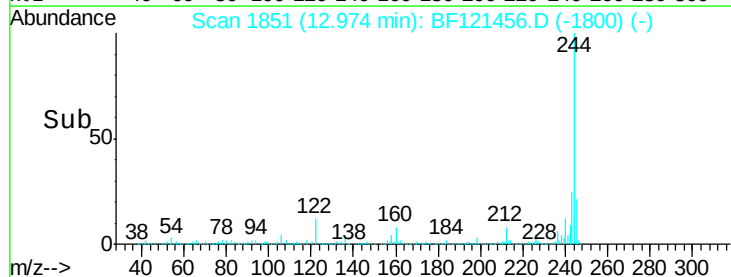
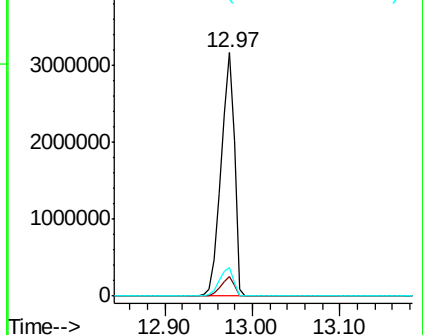
122 11.9 9.5 14.3

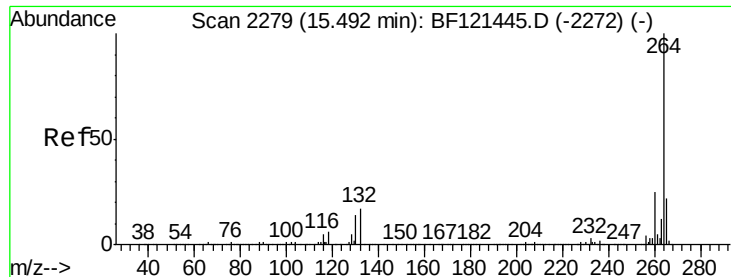


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



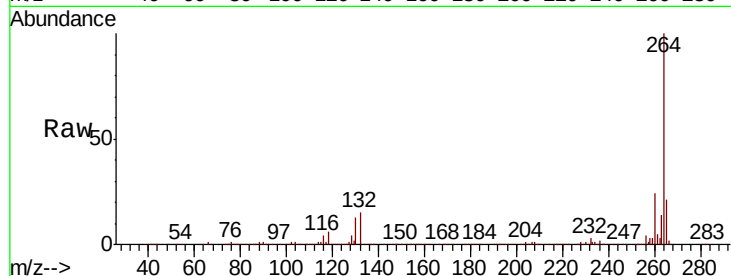


#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.00 min
Lab File: BF121456.D
Acq: 28 Aug 2020 13:13

Instrument :
BNA_F
ClientSampleId :
PB131261BL

Tot Ion:264 Resp: 1033212

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	21.4	17.8	26.6



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

