

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
 Data File : BF121286.D
 Acq On : 13 Aug 2020 23:14
 Operator : JU/CG
 Sample : L3659-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP1-1

Quant Time: Aug 14 00:48:19 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	97972	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	374149	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	188017	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	337926	20.00	ng	0.00
76) Chrysene-d12	13.87	240	230363	20.00	ng	0.00
86) Perylene-d12	15.29	264	225669	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	481557	74.52	ng	0.01
7) Phenol-d6	6.36	99	577452	69.34	ng	0.00
23) Nitrobenzene-d5	7.29	82	367386	53.67	ng	0.00
42) 2,4,6-Tribromophenol	10.54	330	161690	69.85	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	712669	52.43	ng	0.00
79) Terphenyl-d14	12.82	244	662056	56.02	ng	0.00

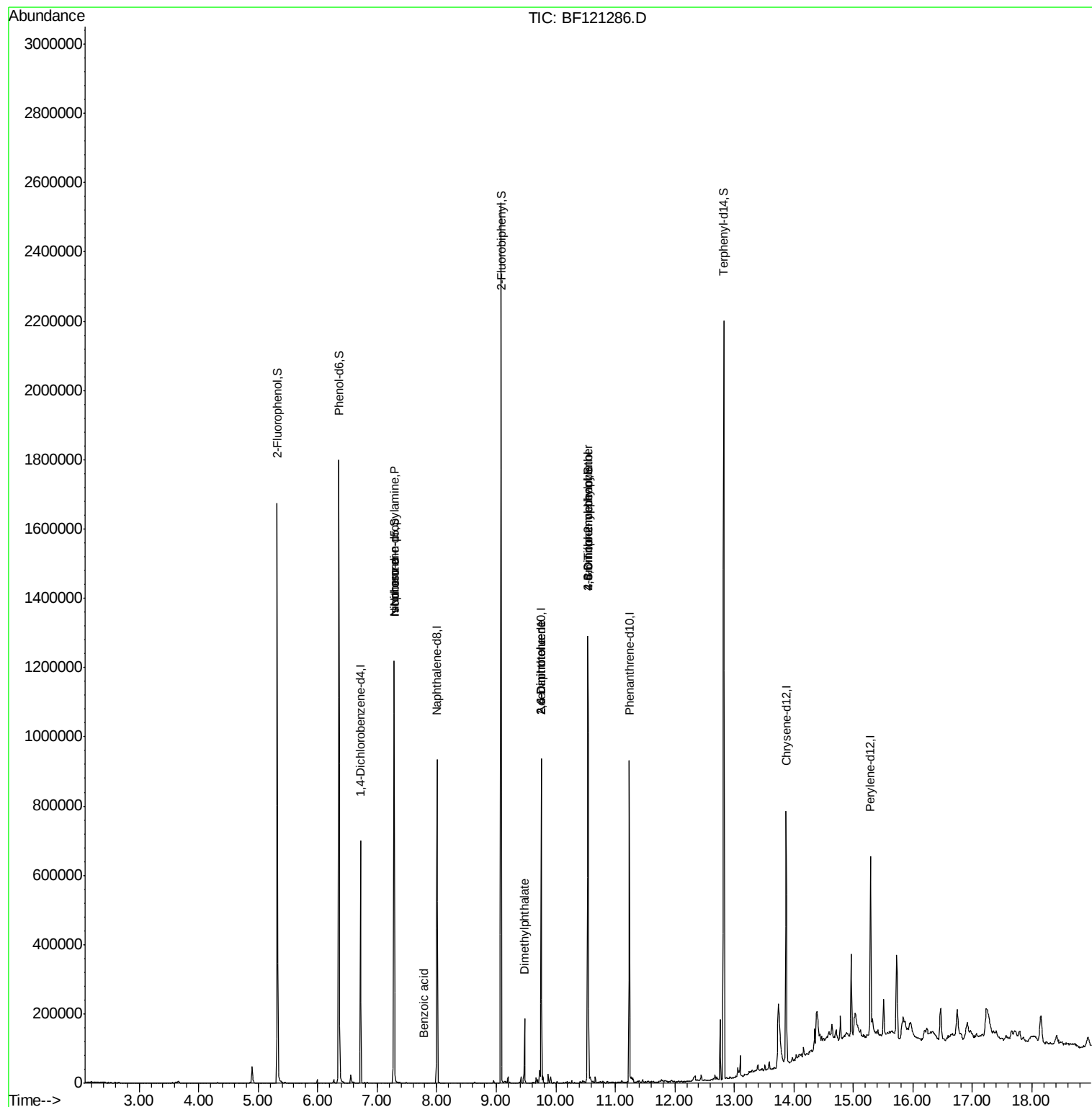
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.29	70	47614	10.291	ng	# 77
25) Isophorone	7.29	82	367383	26.729	ng	# 62
32) Benzoic acid	7.79	122	237	7.898	ng	89
50) Dimethylphthalate	9.47	163	68422	4.836	ng	99
51) 2,6-Dinitrotoluene	9.76	165	24344	7.719	ng	# 25
57) 2,4-Dinitrotoluene	9.76	165	24344	5.882	ng	# 26
65) 4,6-Dinitro-2-methylphenol	10.54	198	267	6.046	ng	# 1
67) 4-Bromophenyl-phenylether	10.54	248	9672	2.454	ng	# 1

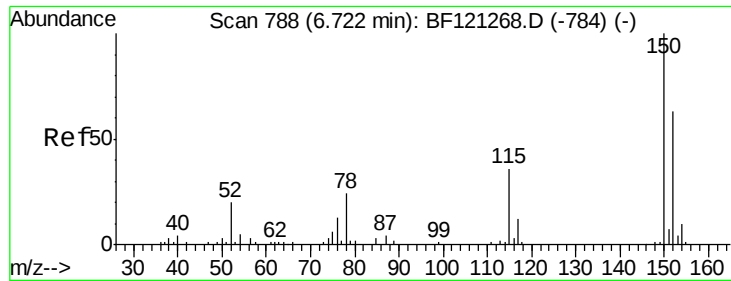
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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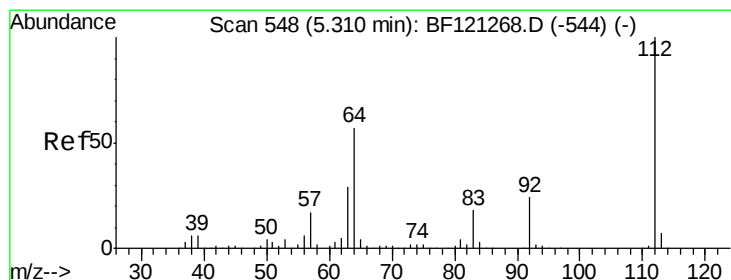
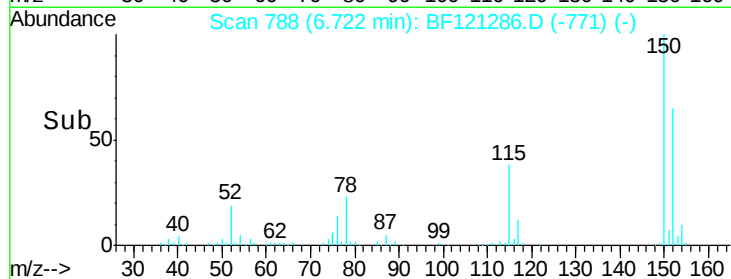
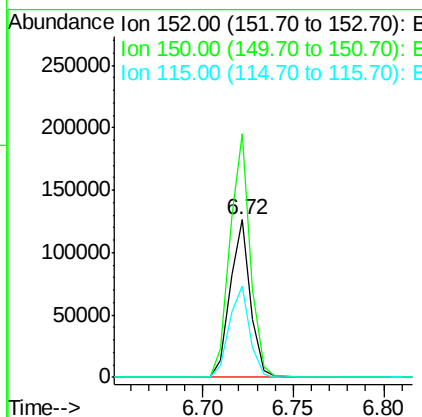
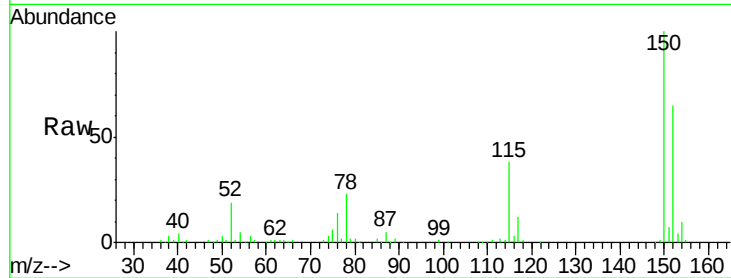




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.00 min
 Lab File: BF121286.D
 Acq: 13 Aug 2020 23:14

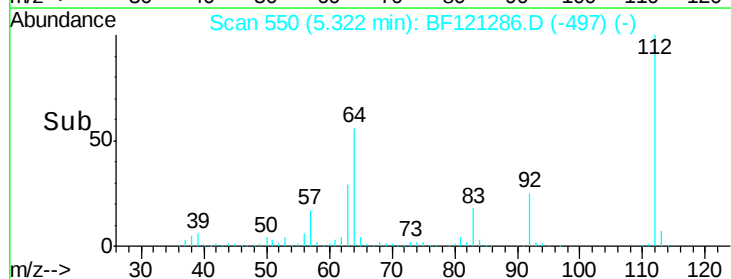
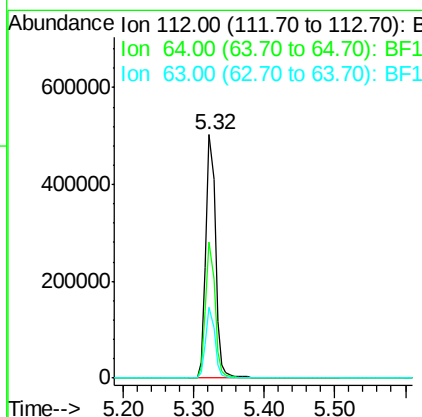
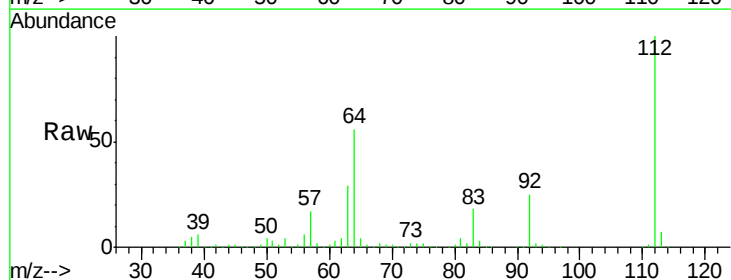
Instrument :
 BNA_F
 ClientSampleId :
 SP1-1

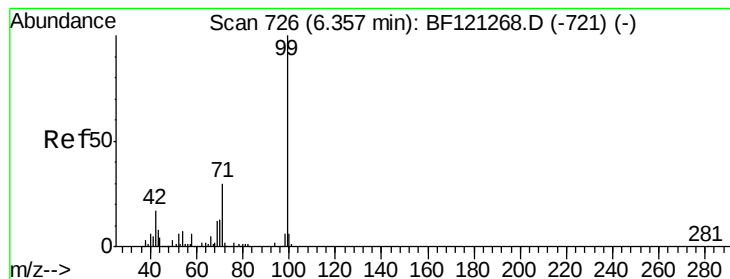
Tot Ion:152 Resp: 97972
 Ion Ratio Lower Upper
 152 100
 150 154.5 129.0 193.6
 115 58.1 49.0 73.4



#5
 2-Fluorophenol
 Concen: 74.518 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF121286.D
 Acq: 13 Aug 2020 23:14

Tgt Ion:112 Resp: 481557
 Ion Ratio Lower Upper
 112 100
 64 56.0 45.4 68.2
 63 28.9 23.0 34.6





#7

Phenol-d6

Concen: 69.343 ng

RT: 6.36 min Scan# 726

Delta R.T. -0.00 min

Lab File: BF121286.D

Acq: 13 Aug 2020 23:14

Instrument :

BNA_F

ClientSampled :

SP1-1

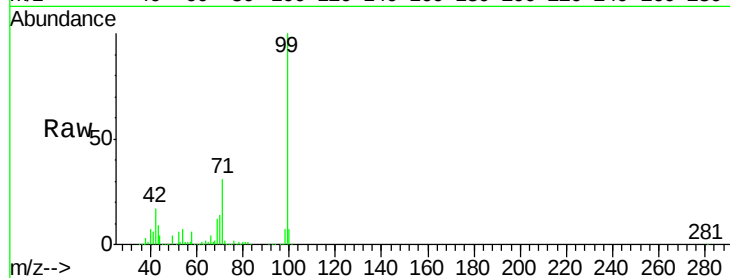
Tot Ion: 99 Resp: 577452

Ion Ratio Lower Upper

99 100

42 17.0 13.1 19.7

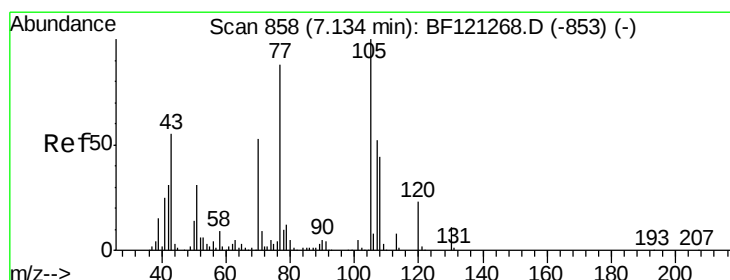
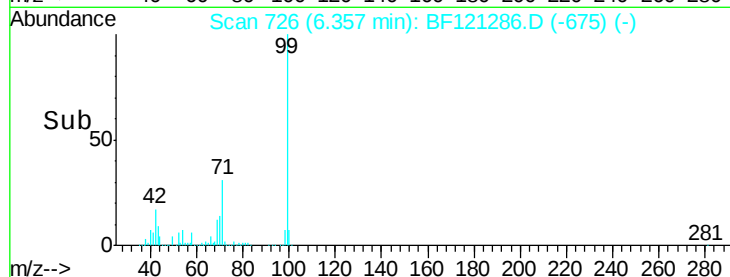
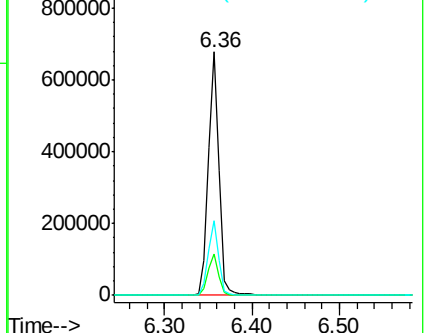
71 30.8 23.7 35.5



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: 10.291 ng

RT: 7.29 min Scan# 884

Delta R.T. 0.15 min

Lab File: BF121286.D

Acq: 13 Aug 2020 23:14

Tgt Ion: 70 Resp: 47614

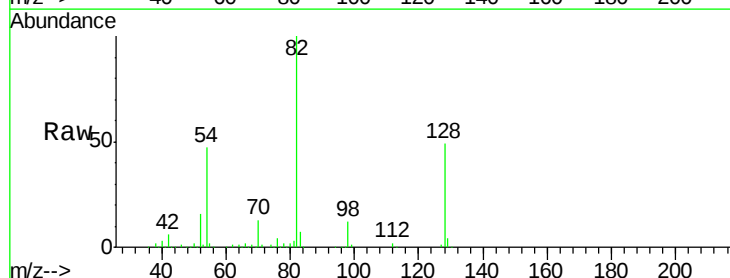
Ion Ratio Lower Upper

70 100

42 45.6 45.6 68.4#

101 0.0 7.8 11.8#

130 2.4 18.2 27.2#

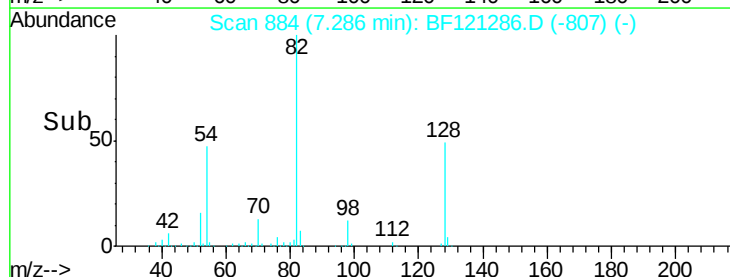
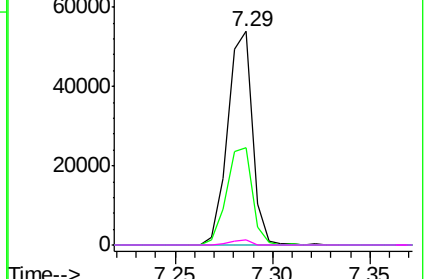


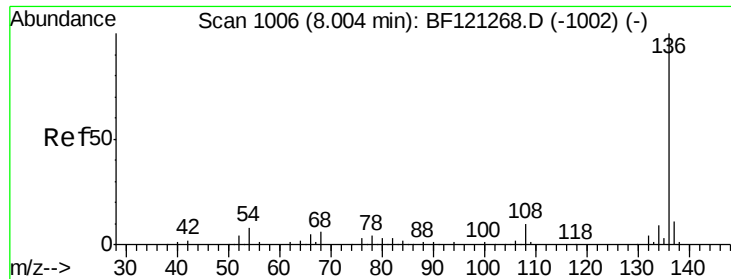
Abundance Ion 70.00 (69.70 to 70.70): BF1

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

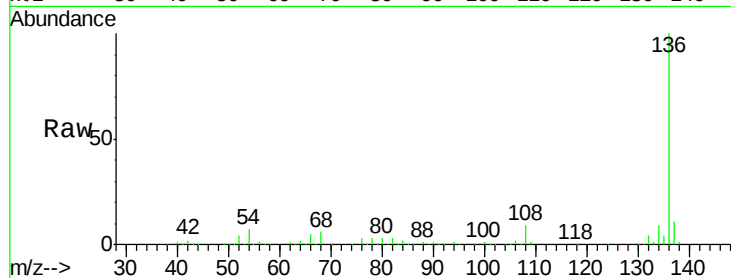




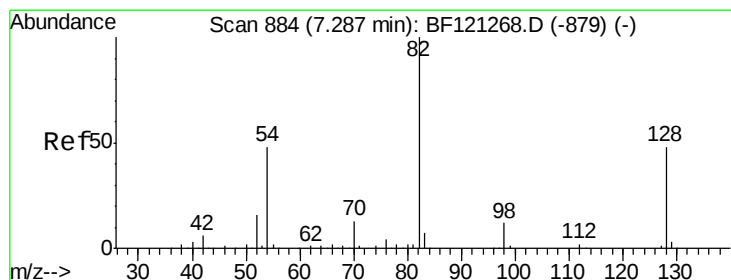
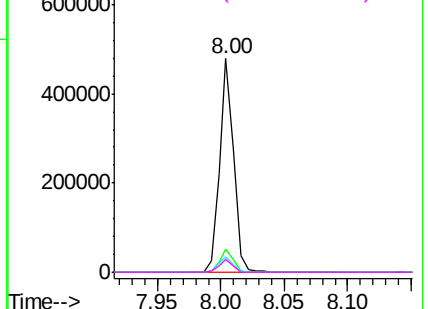
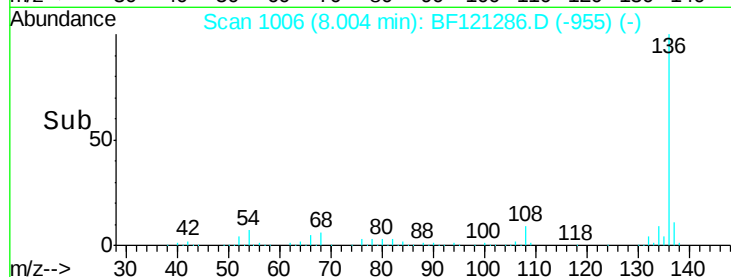
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BF121286.D
Acq: 13 Aug 2020 23:14

Instrument :
BNA_F
ClientSampleId :
SP1-1

Tot Ion:136 Resp: 374149
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.4 5.3 7.9
68 5.7 4.2 6.2

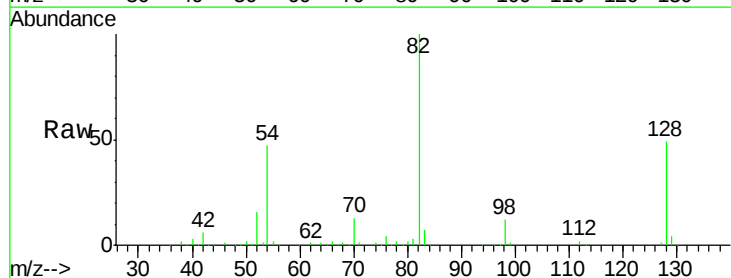


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

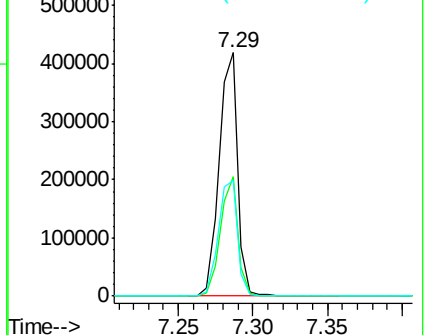
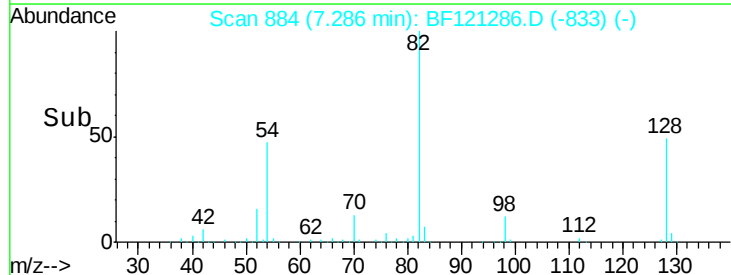


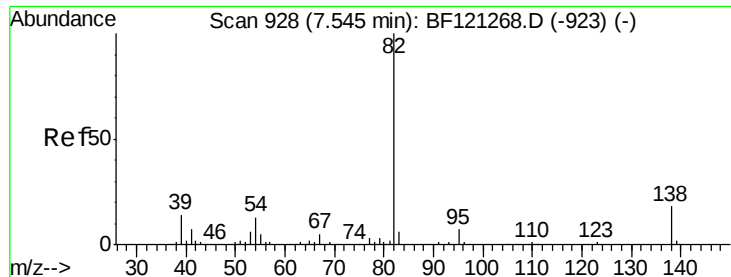
#23
Nitrobenzene-d5
Concen: 53.665 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BF121286.D
Acq: 13 Aug 2020 23:14

Tgt Ion: 82 Resp: 367386
Ion Ratio Lower Upper
82 100
128 49.3 39.8 59.8
54 47.3 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

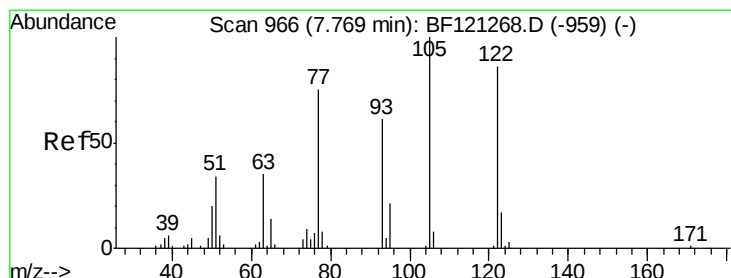
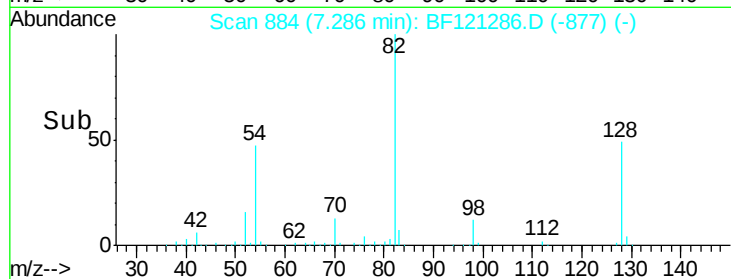
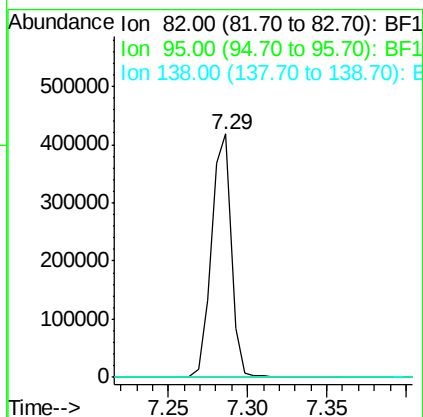
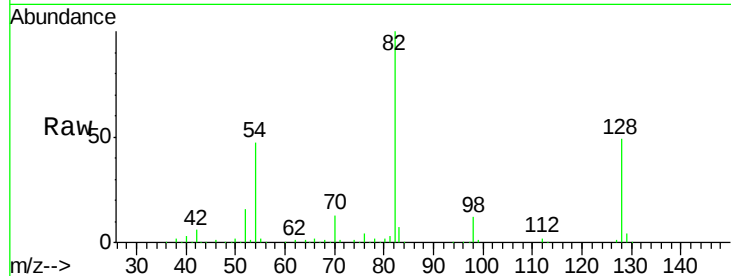




#25
Isophorone
Concen: 26.729 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.26 min
Lab File: BF121286.D
Acq: 13 Aug 2020 23:14

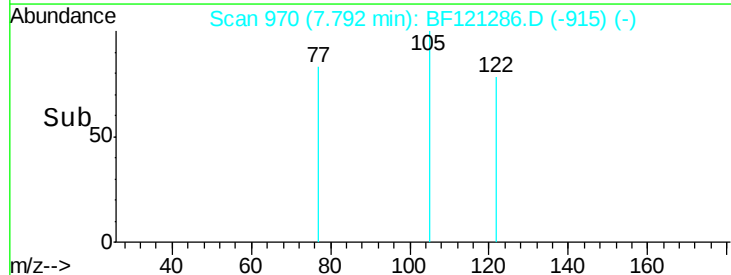
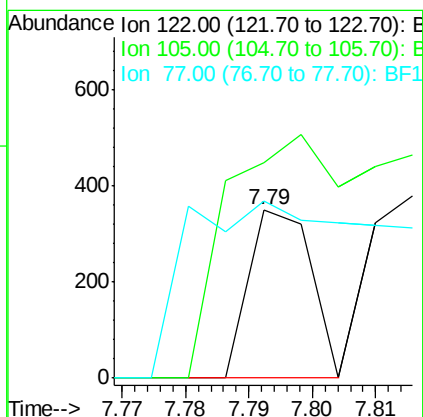
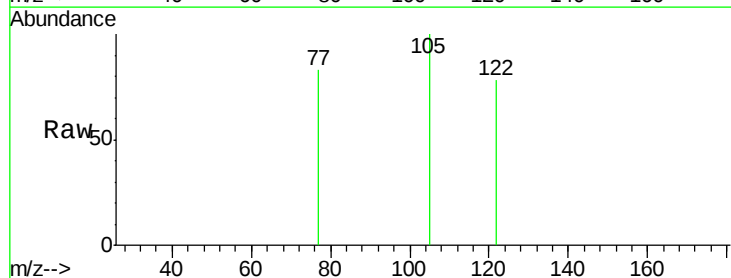
Instrument :
BNA_F
ClientSampleId :
SP1-1

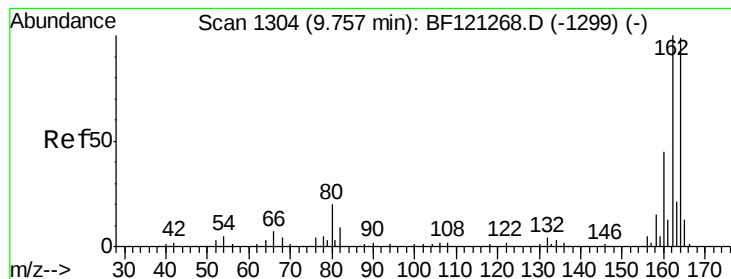
Tot Ion: 82 Resp: 367383
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 16.0 24.0#



#32
Benzoic acid
Concen: 7.898 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.02 min
Lab File: BF121286.D
Acq: 13 Aug 2020 23:14

Tgt Ion:122 Resp: 237
Ion Ratio Lower Upper
122 100
105 127.6 101.3 141.3
77 105.4 68.5 108.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF121286.D

Acq: 13 Aug 2020 23:14

Instrument :

BNA_F

ClientSampleId :

SP1-1

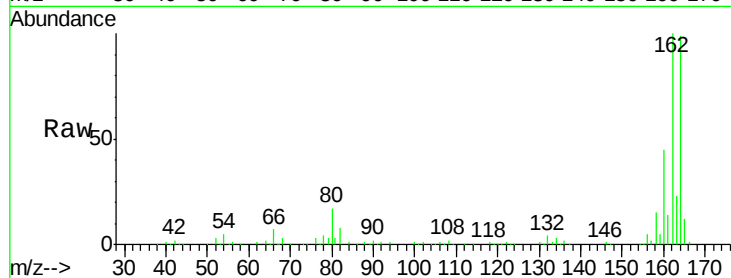
Tot Ion:164 Resp: 188017

Ion Ratio Lower Upper

164 100

162 101.2 81.2 121.8

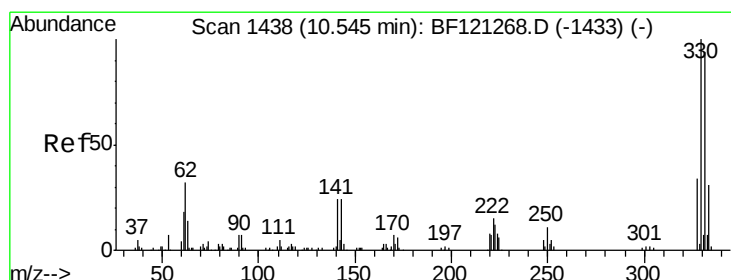
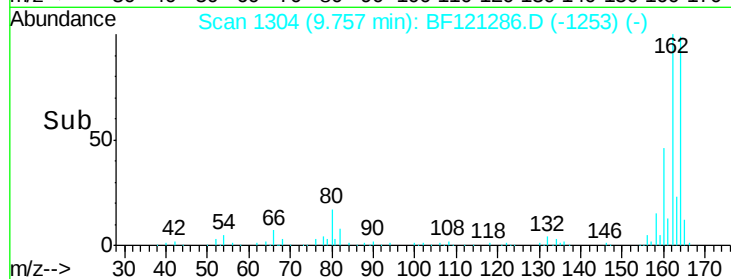
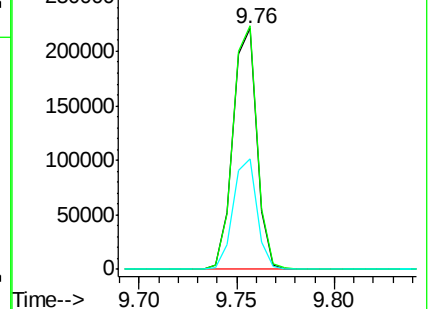
160 46.0 36.9 55.3



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: 69.849 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF121286.D

Acq: 13 Aug 2020 23:14

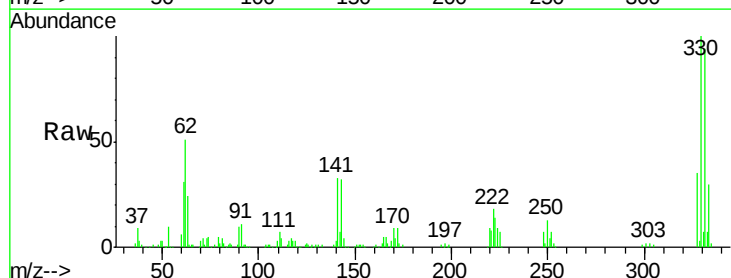
Tgt Ion:330 Resp: 161690

Ion Ratio Lower Upper

330 100

332 95.3 75.4 113.0

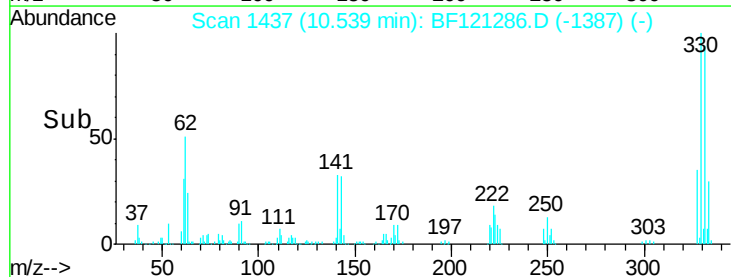
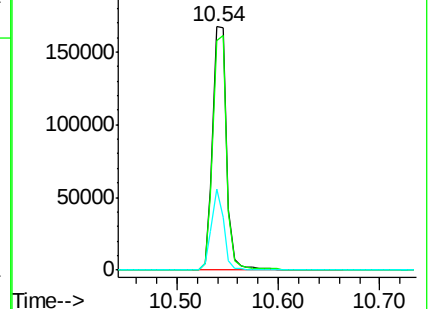
141 29.5 23.4 35.2

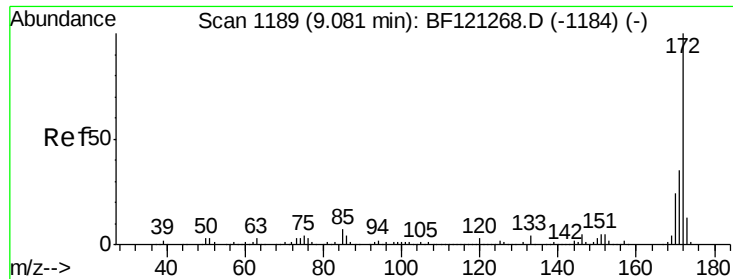


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

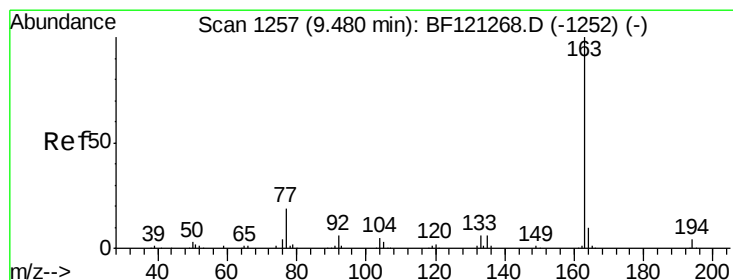
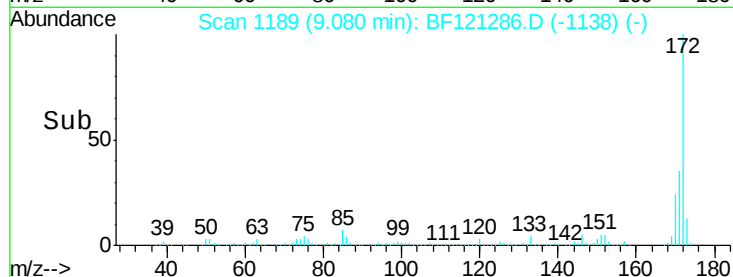
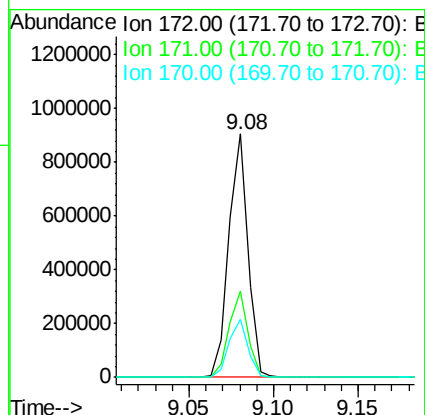
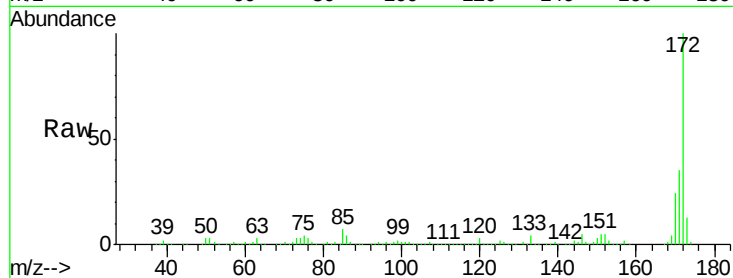




#45
2-Fluorobiphenyl
Concen: 52.433 ng
RT: 9.08 min Scan# 1189
Delta R.T. -0.00 min
Lab File: BF121286.D
Acq: 13 Aug 2020 23:14

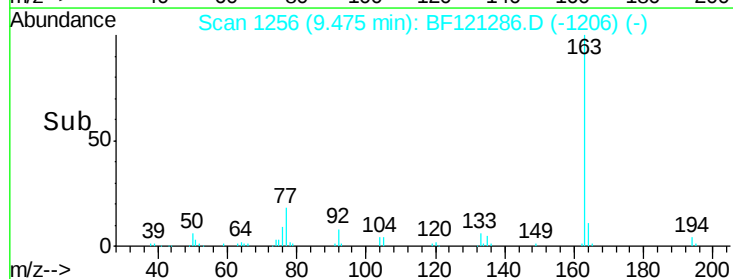
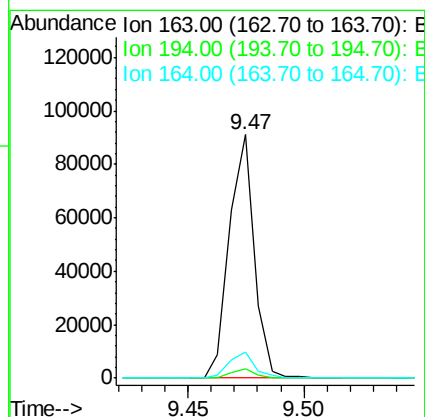
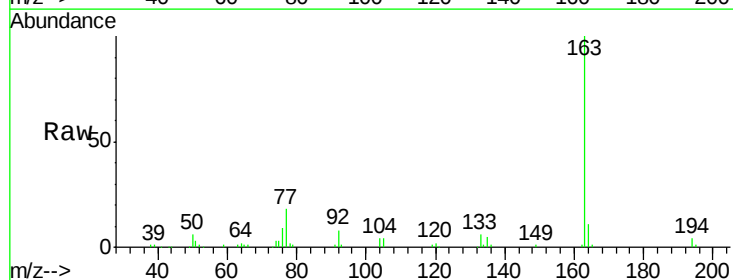
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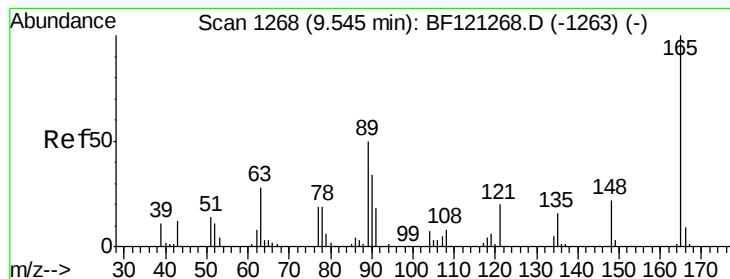
Tot Ion:172 Resp: 712669
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.9 19.3 28.9



#50
Dimethylphthalate
Concen: 4.836 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF121286.D
Acq: 13 Aug 2020 23:14

Tgt Ion:163 Resp: 68422
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.6
164 10.5 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 7.719 ng

RT: 9.76 min Scan# 1304

Delta R.T. 0.21 min

Lab File: BF121286.D

Acq: 13 Aug 2020 23:14

Instrument :

BNA_F

ClientSampleId :

SP1-1

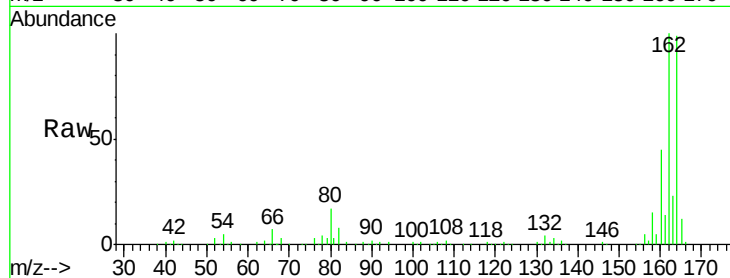
Tot Ion:165 Resp: 24344

Ion Ratio Lower Upper

165 100

63 0.0 42.3 63.5#

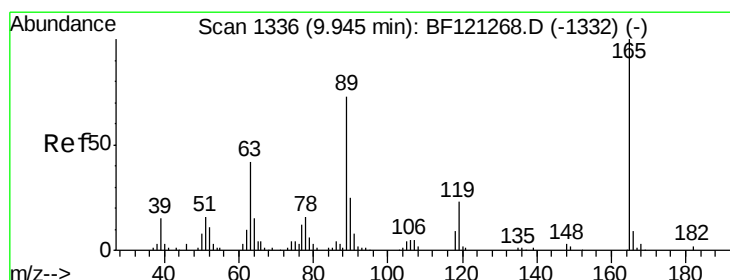
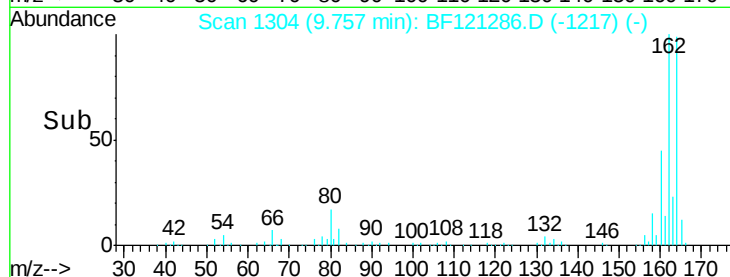
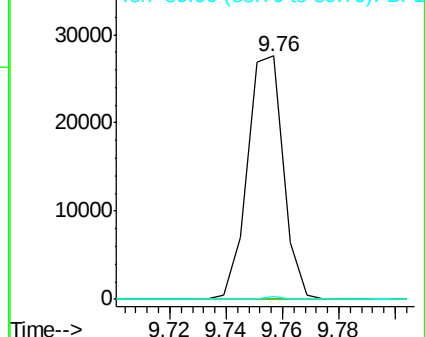
89 1.3 45.0 67.4#



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: 5.882 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.19 min

Lab File: BF121286.D

Acq: 13 Aug 2020 23:14

Tgt Ion:165 Resp: 24344

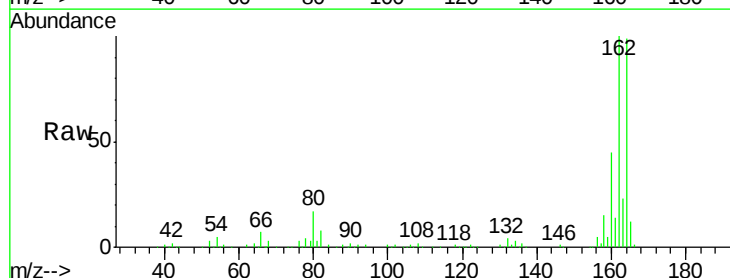
Ion Ratio Lower Upper

165 100

63 0.0 31.9 47.9#

89 1.3 53.6 80.4#

182 0.0 1.8 2.6#

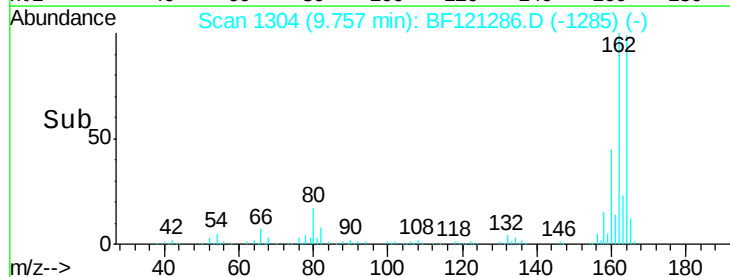
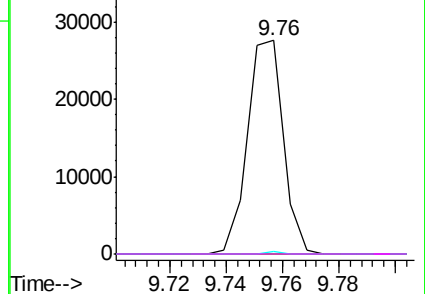


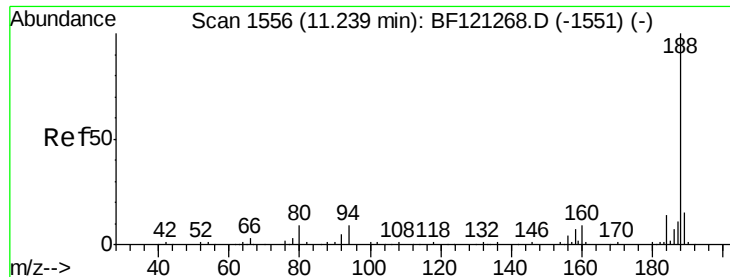
Abundance Ion 165.00 (164.70 to 165.70): E

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

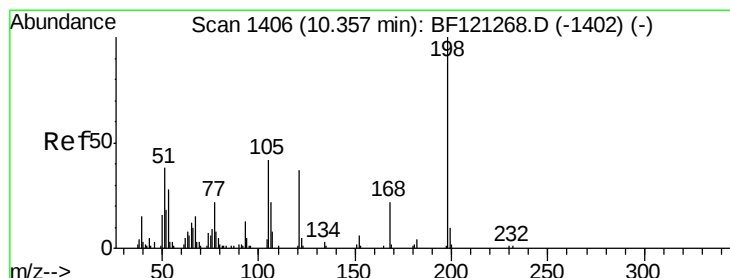
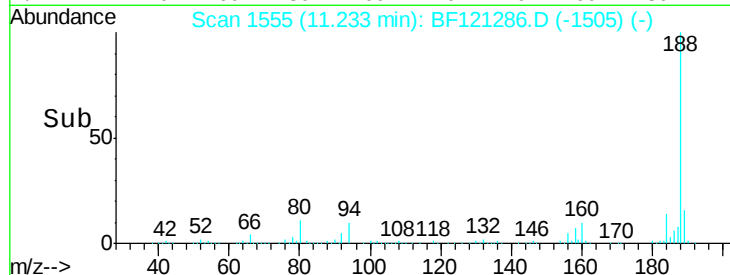
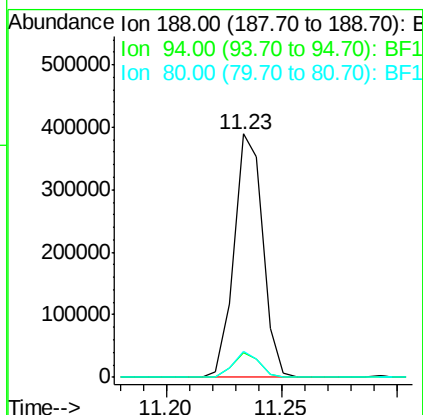
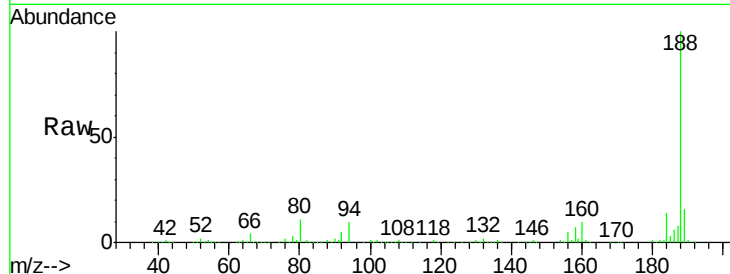




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF121286.D
Acq: 13 Aug 2020 23:14

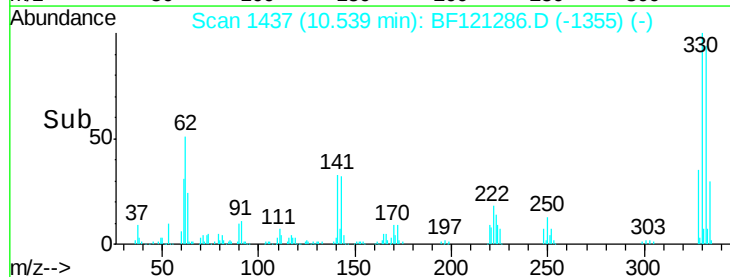
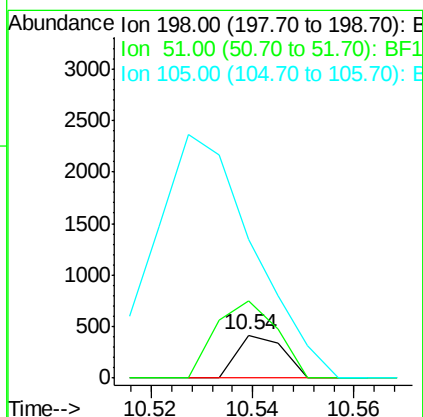
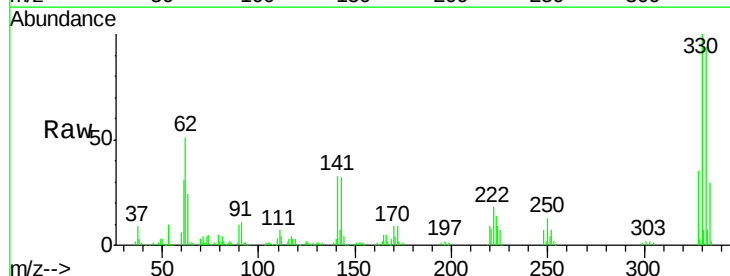
Instrument :
BNA_F
ClientSampled :
SP1-1

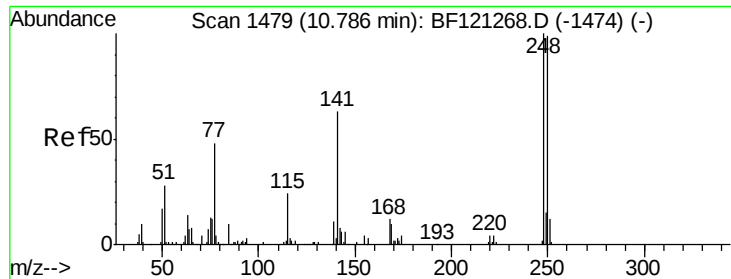
Tot Ion:188 Resp: 337926
Ion Ratio Lower Upper
188 100
94 10.4 7.0 10.6
80 10.8 7.4 11.0



#65
4,6-Dinitro-2-methylphenol
Concen: 6.046 ng
RT: 10.54 min Scan# 1437
Delta R.T. 0.18 min
Lab File: BF121286.D
Acq: 13 Aug 2020 23:14

Tgt Ion:198 Resp: 267
Ion Ratio Lower Upper
198 100
51 179.9 29.1 69.1#
105 322.5 28.3 68.3#

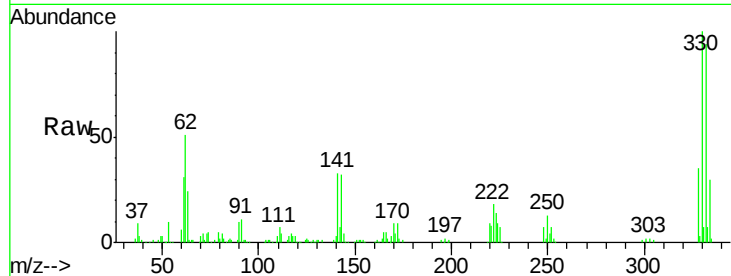




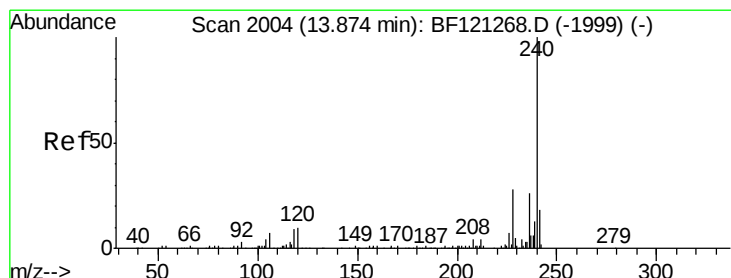
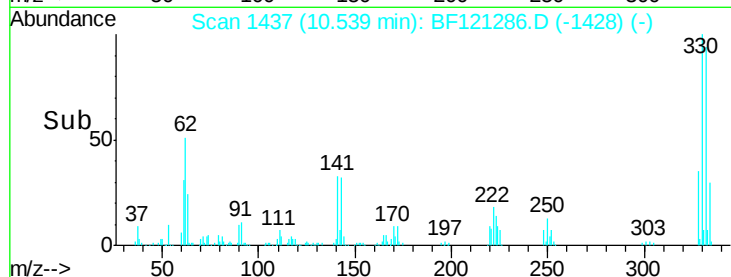
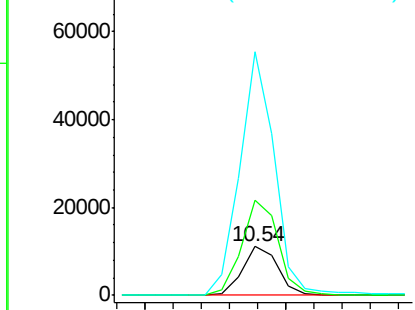
#67
 4-Bromophenyl-phenylether
 Concen: 2.454 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF121286.D
 Acq: 13 Aug 2020 23:14

Instrument :
 BNA_F
 ClientSampleId :
 SP1-1

Tot Ion:248 Resp: 9672
 Ion Ratio Lower Upper
 248 100
 250 194.9 77.7 116.5#
 141 499.3 53.4 80.2#

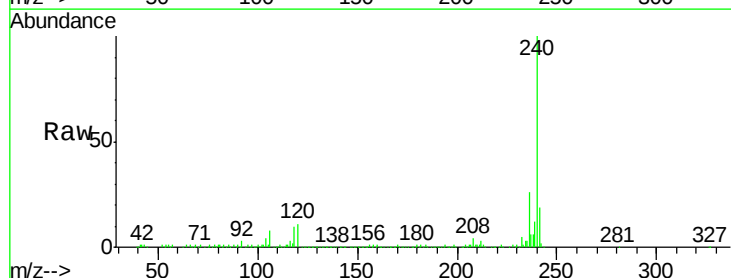


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

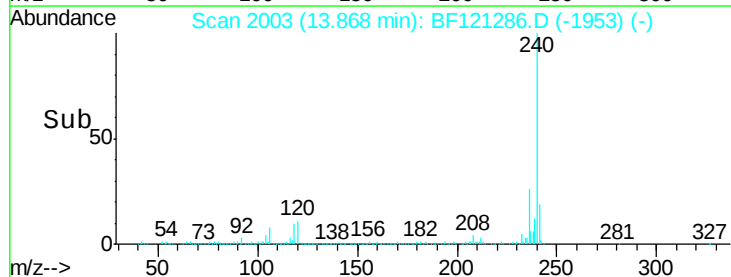
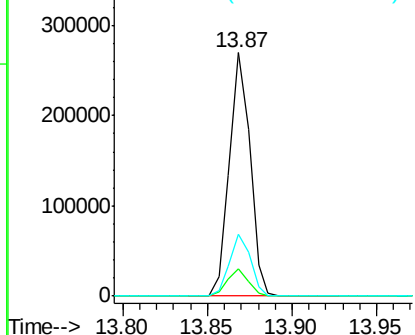


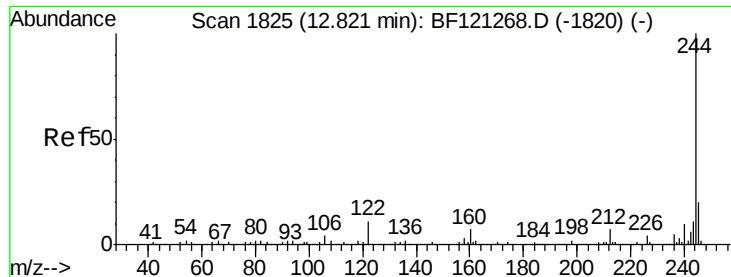
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF121286.D
 Acq: 13 Aug 2020 23:14

Tgt Ion:240 Resp: 230363
 Ion Ratio Lower Upper
 240 100
 120 11.0 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

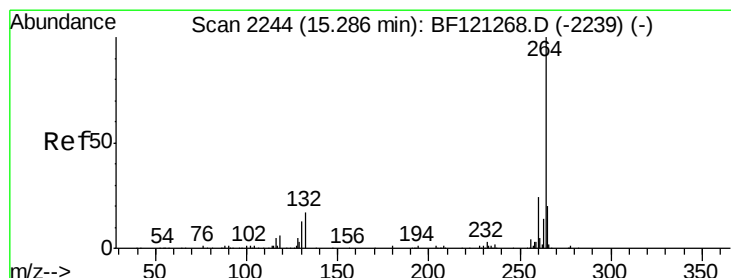
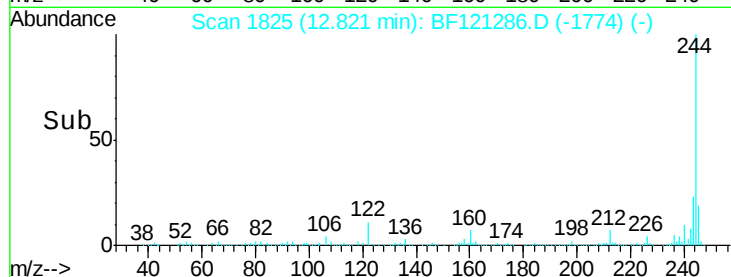
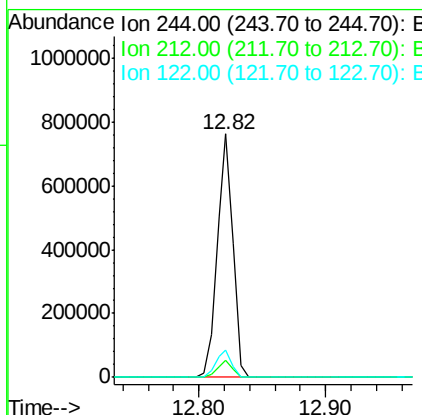
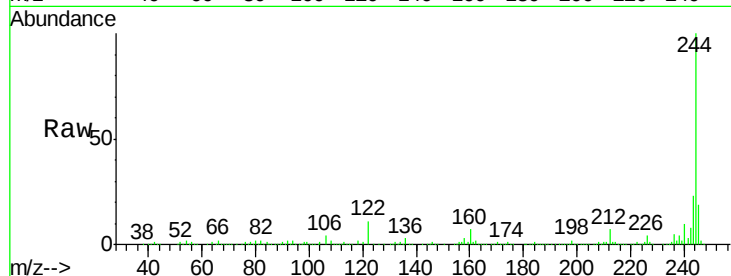




#79
 Terphenyl-d14
 Concen: 56.024 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF121286.D
 Acq: 13 Aug 2020 23:14

Instrument :
 BNA_F
 ClientSampleId :
 SP1-1

Tot Ion:244 Resp: 662056
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 11.1 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: BF121286.D
 Acq: 13 Aug 2020 23:14

Tgt Ion:264 Resp: 225669
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.5 29.3
 265 22.0 17.1 25.7

