

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081320\
 Data File : BF121278.D
 Acq On : 13 Aug 2020 19:06
 Operator : JU/CG
 Sample : L3659-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3

Quant Time: Aug 14 00:44:17 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	85330	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	329481	20.00	ng	0.00
39) Acenaphthene-d10	9.75	164	170994	20.00	ng	0.00
64) Phenanthrene-d10	11.23	188	333574	20.00	ng	0.00
76) Chrysene-d12	13.87	240	287584	20.00	ng	0.00
86) Perylene-d12	15.29	264	260766	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	492387	87.48	ng	0.01
7) Phenol-d6	6.36	99	599106	82.60	ng	0.00
23) Nitrobenzene-d5	7.28	82	384387	63.76	ng	0.00
42) 2,4,6-Tribromophenol	10.54	330	181322	86.13	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	750786	60.74	ng	0.00
79) Terphenyl-d14	12.82	244	823189	55.80	ng	0.00

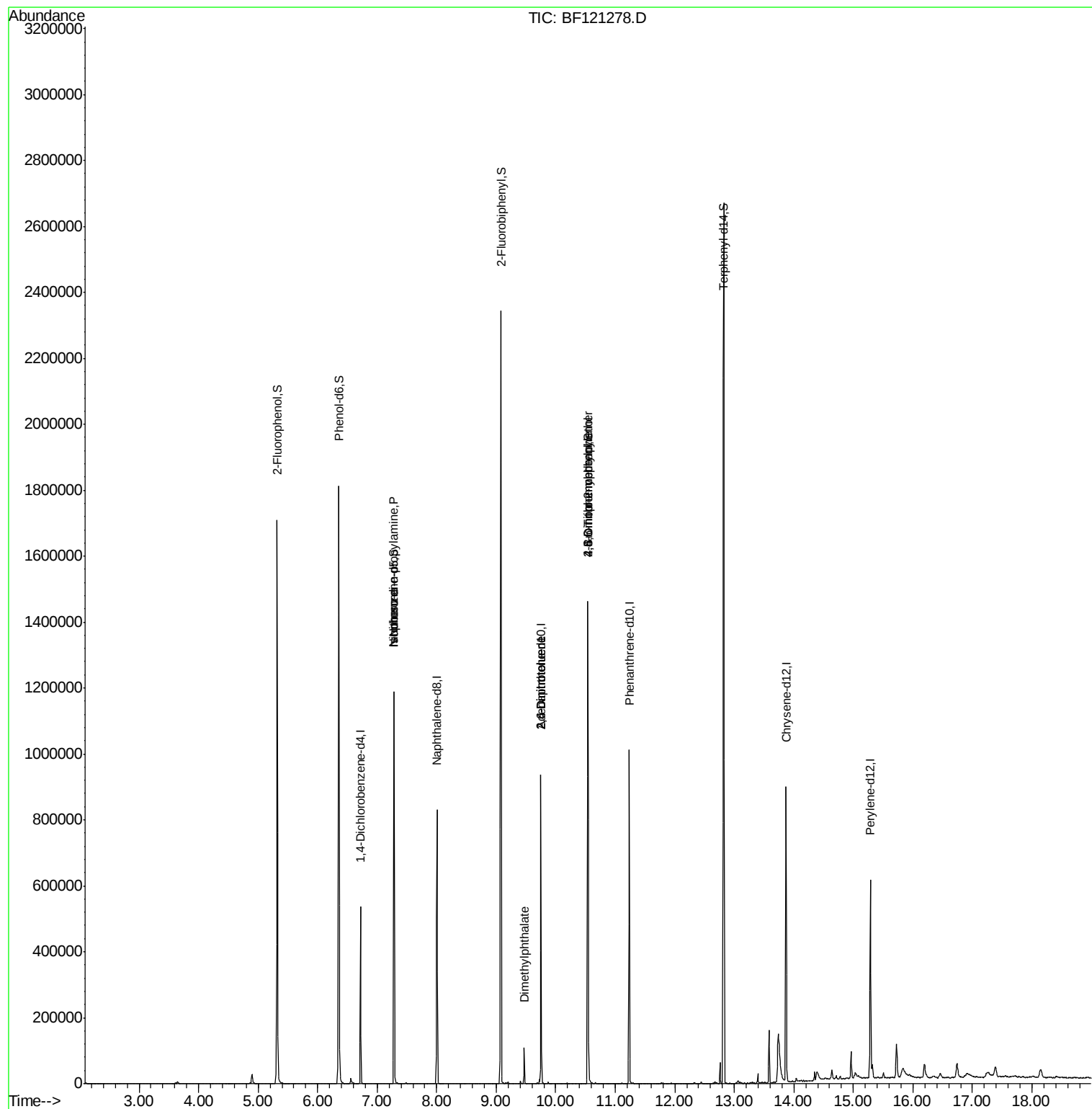
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.28	70	49553	12.296	ng	# 79
25) Isophorone	7.28	82	384384	31.757	ng	# 62
50) Dimethylphthalate	9.47	163	43500	3.381	ng	# 98
51) 2,6-Dinitrotoluene	9.75	165	21927	7.645	ng	# 26
57) 2,4-Dinitrotoluene	9.75	165	21927	5.825	ng	# 26
65) 4,6-Dinitro-2-methylphenol	10.54	198	390	6.099	ng	# 1
67) 4-Bromophenyl-phenylether	10.54	248	10735	2.759	ng	# 1

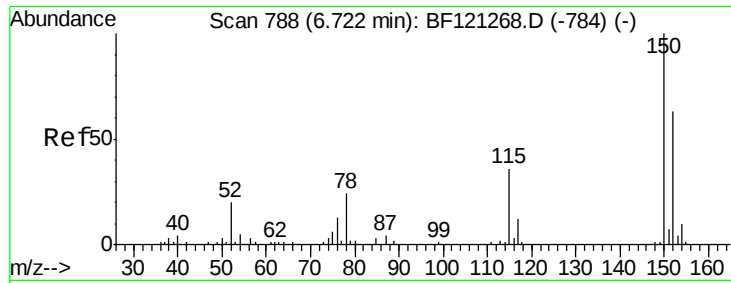
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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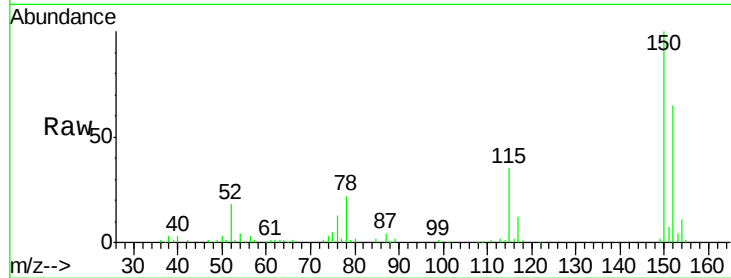




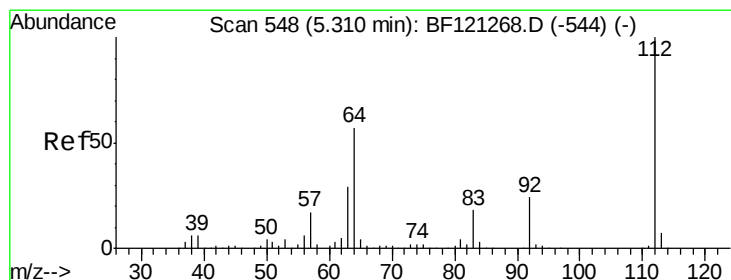
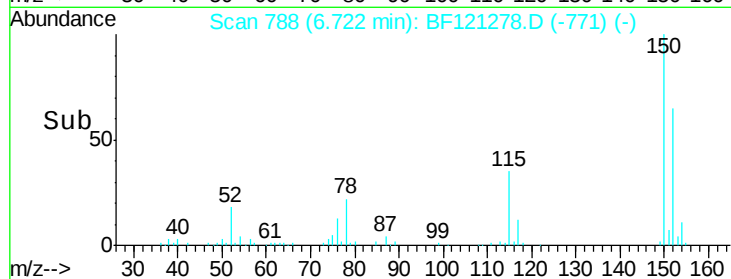
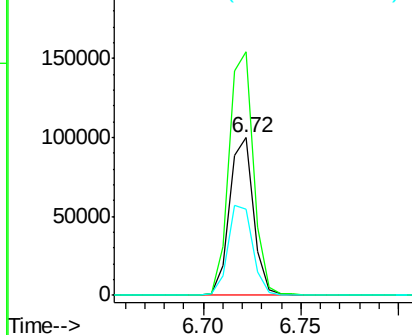
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF121278.D
 Acq: 13 Aug 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3

Tot Ion:152 Resp: 85330
 Ion Ratio Lower Upper
 152 100
 150 154.7 129.0 193.6
 115 54.6 49.0 73.4

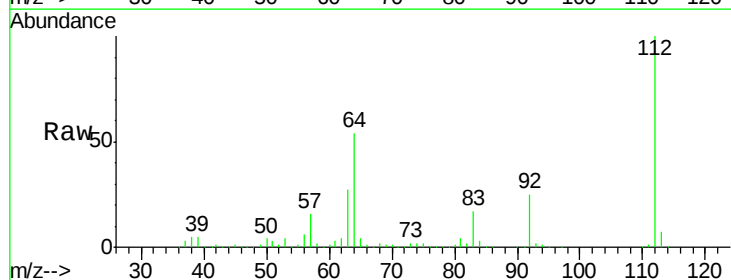


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

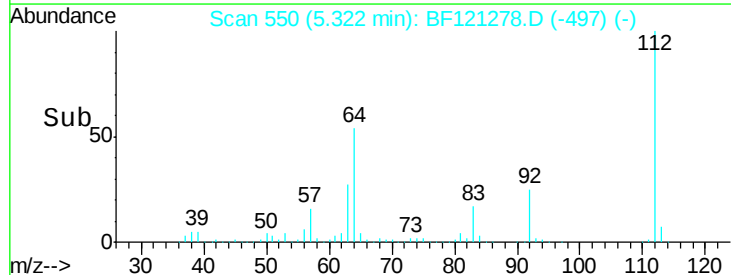
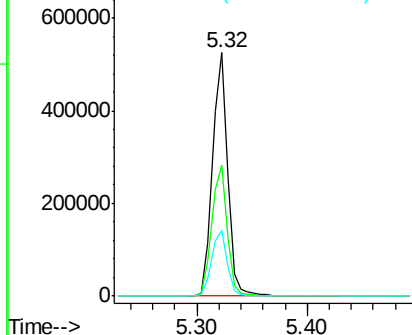


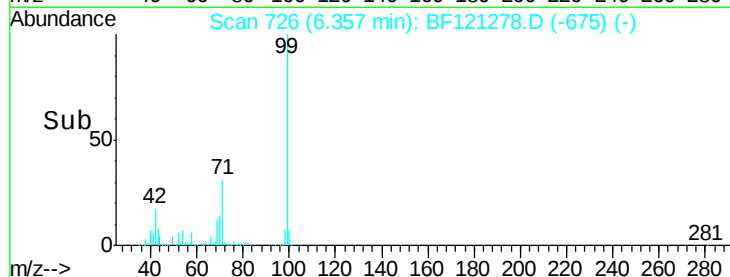
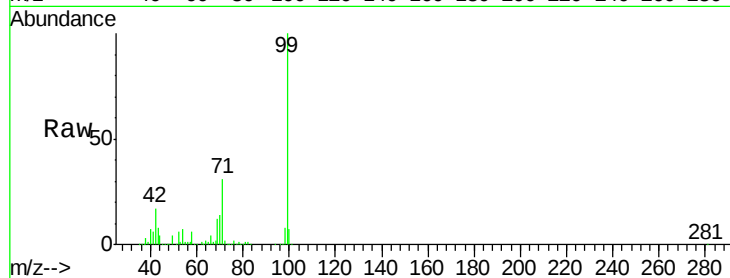
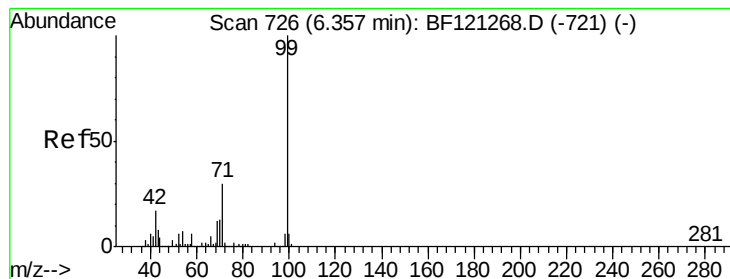
#5
 2-Fluorophenol
 Concen: 87.483 ng
 RT: 5.32 min Scan# 550
 Delta R.T. 0.01 min
 Lab File: BF121278.D
 Acq: 13 Aug 2020 19:06

Tgt Ion:112 Resp: 492387
 Ion Ratio Lower Upper
 112 100
 64 54.0 45.4 68.2
 63 27.2 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: 82.602 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF121278.D

Acq: 13 Aug 2020 19:06

Instrument :

BNA_F

ClientSampled :

SP1-3

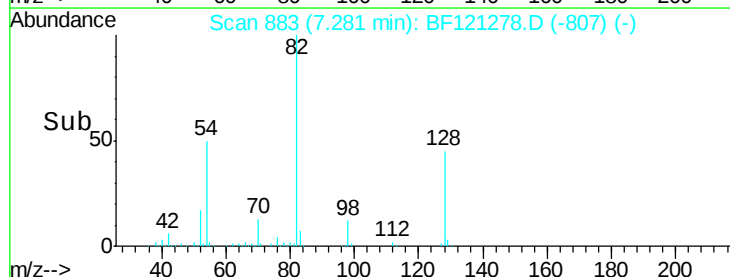
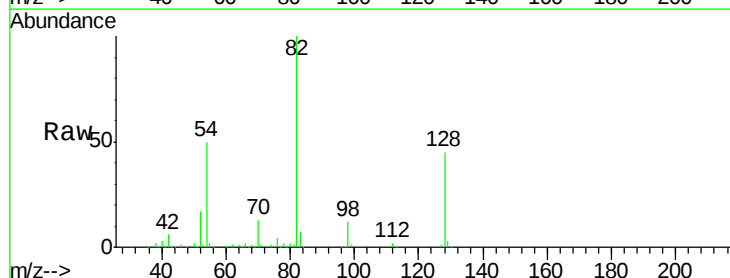
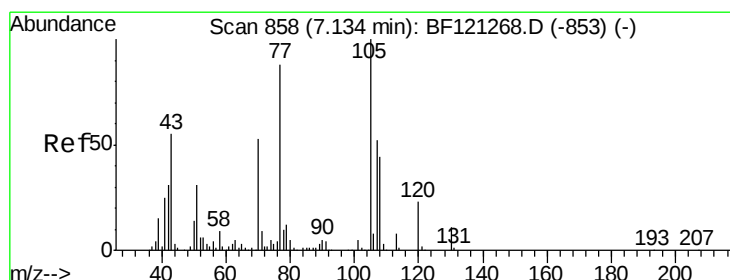
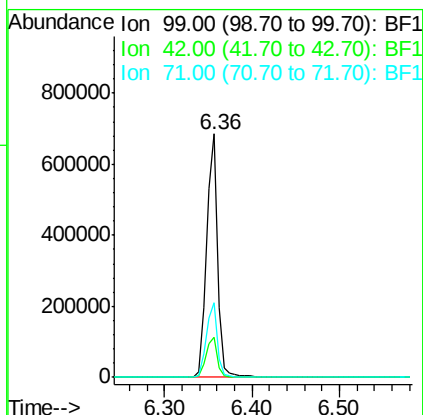
Tot Ion: 99 Resp: 599106

Ion Ratio Lower Upper

99 100

42 16.6 13.1 19.7

71 30.6 23.7 35.5



#19

n-Nitroso-di-n-propylamine

Concen: 12.296 ng

RT: 7.28 min Scan# 883

Delta R.T. 0.15 min

Lab File: BF121278.D

Acq: 13 Aug 2020 19:06

Tgt Ion: 70 Resp: 49553

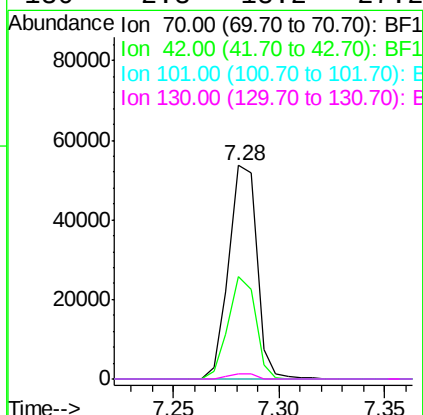
Ion Ratio Lower Upper

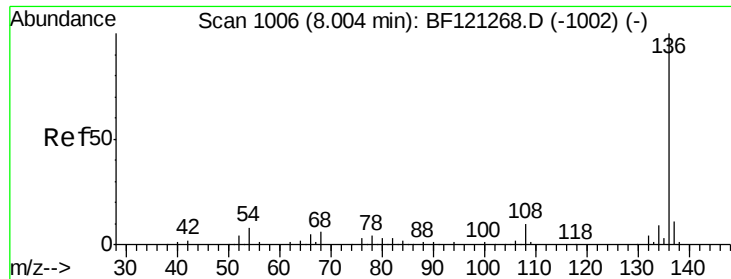
70 100

42 48.0 45.6 68.4

101 0.0 7.8 11.8#

130 2.3 18.2 27.2#

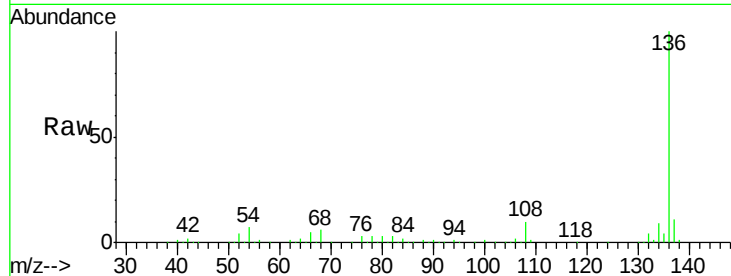




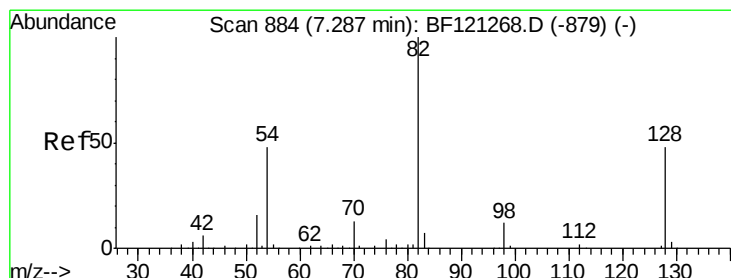
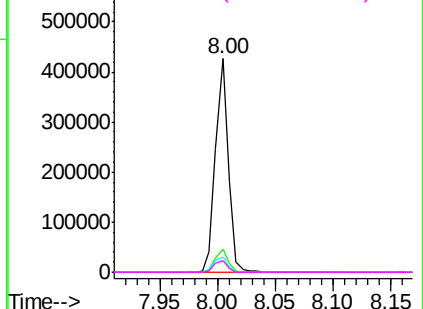
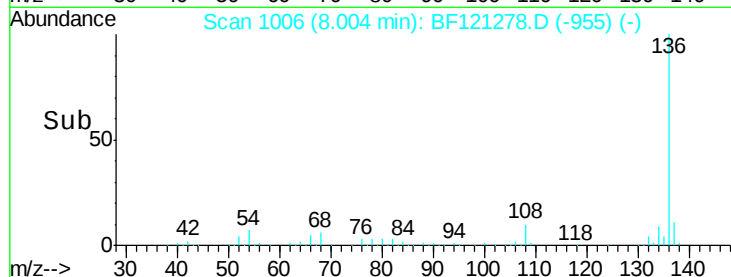
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.00 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BF121278.D
Acq: 13 Aug 2020 19:06

Instrument :
BNA_F
ClientSampleId :
SP1-3

Tot Ion:136	Resp:	329481
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.6 13.0
54	7.3	5.3 7.9
68	5.6	4.2 6.2

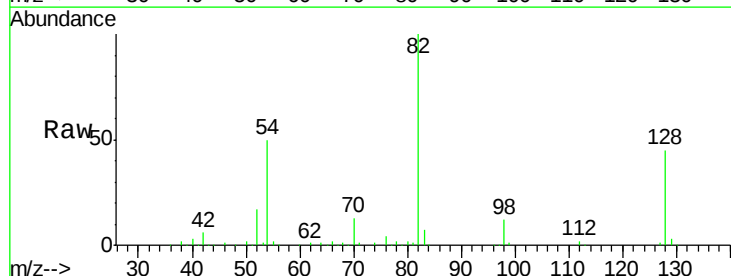


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

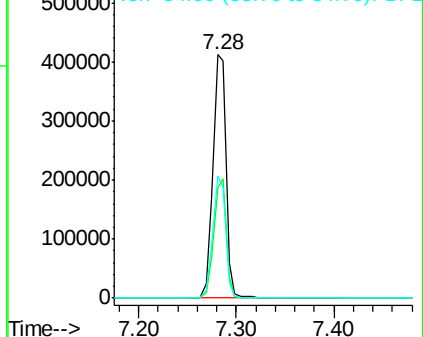
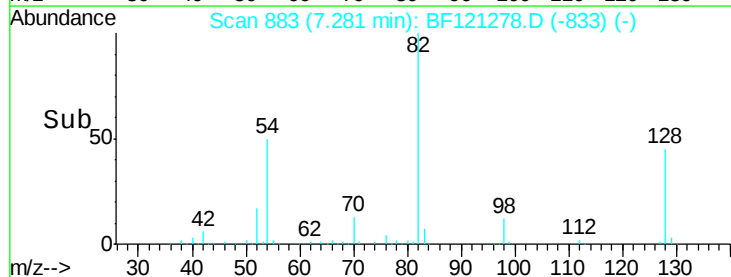


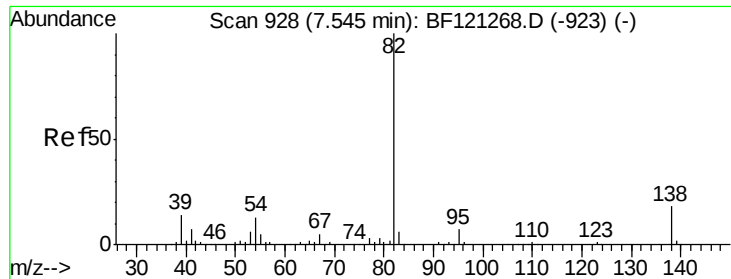
#23
Nitrobenzene-d5
Concen: 63.761 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF121278.D
Acq: 13 Aug 2020 19:06

Tgt Ion: 82	Resp:	384387
Ion	Ratio	Lower Upper
82	100	
128	45.4	39.8 59.8
54	50.0	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

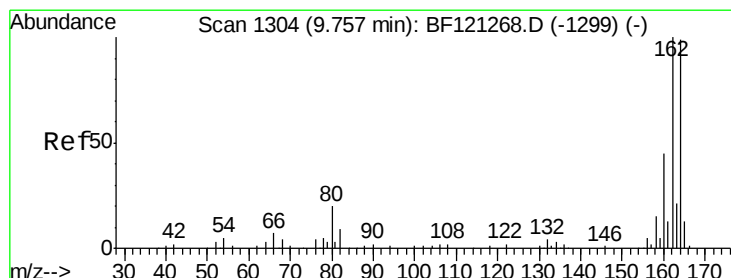
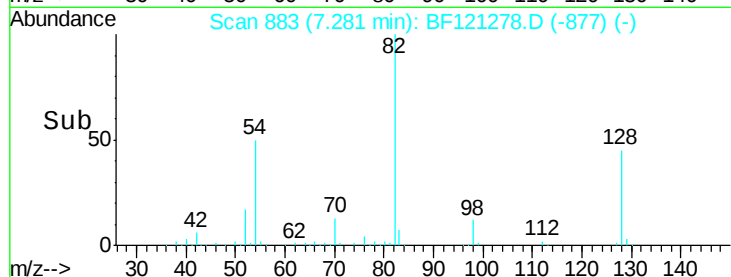
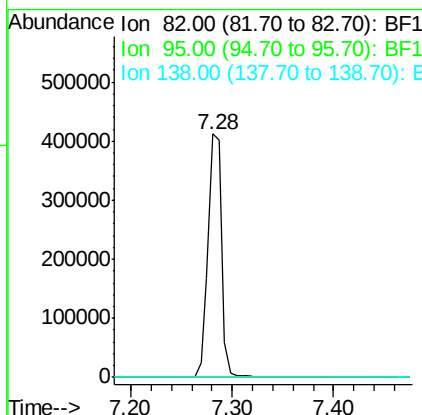
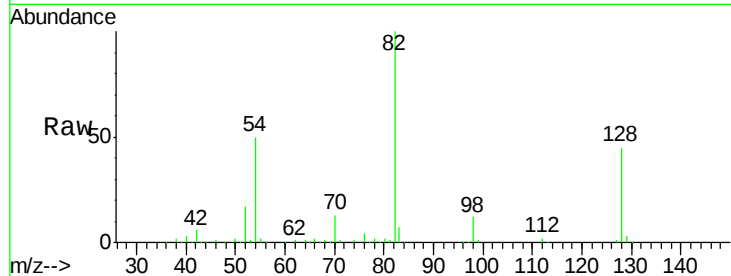




#25
Isophorone
Concen: 31.757 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.26 min
Lab File: BF121278.D
Acq: 13 Aug 2020 19:06

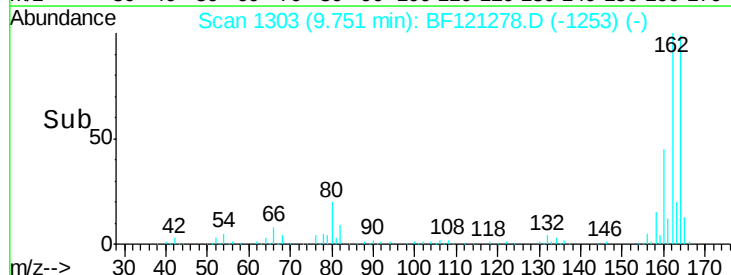
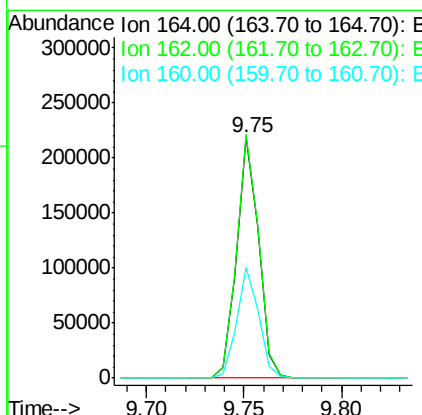
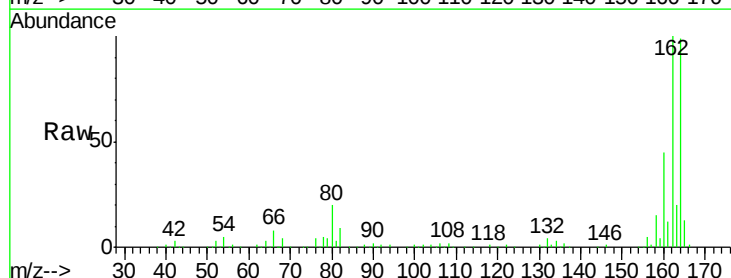
Instrument :
BNA_F
ClientSampled :
SP1-3

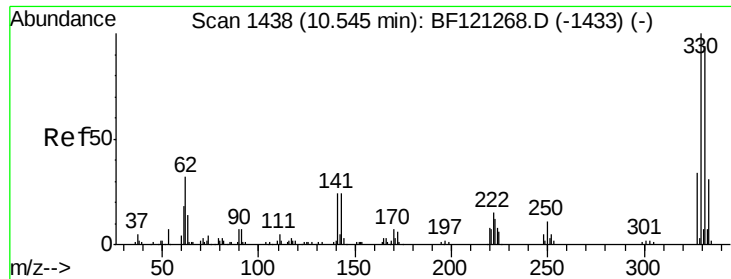
Tot Ion: 82 Resp: 384384
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BF121278.D
Acq: 13 Aug 2020 19:06

Tgt Ion: 164 Resp: 170994
Ion Ratio Lower Upper
164 100
162 101.3 81.2 121.8
160 45.8 36.9 55.3





#42

2,4,6-Tribromophenol

Concen: 86.127 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BF121278.D

Acq: 13 Aug 2020 19:06

Instrument :

BNA_F

ClientSampleId :

SP1-3

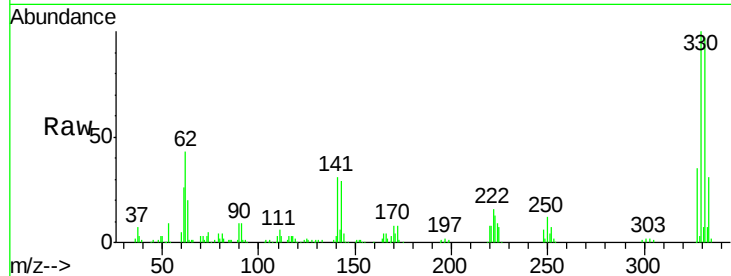
Tot Ion:330 Resp: 181322

Ion Ratio Lower Upper

330 100

332 95.4 75.4 113.0

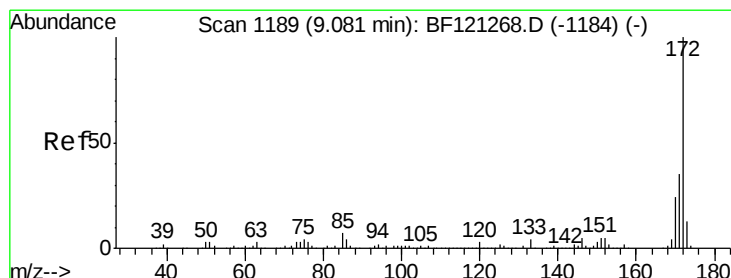
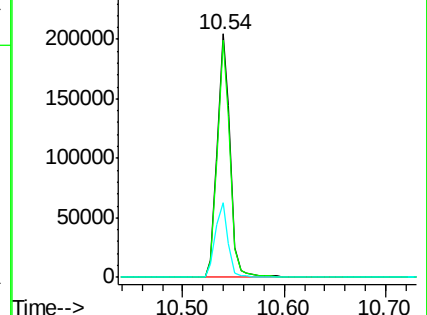
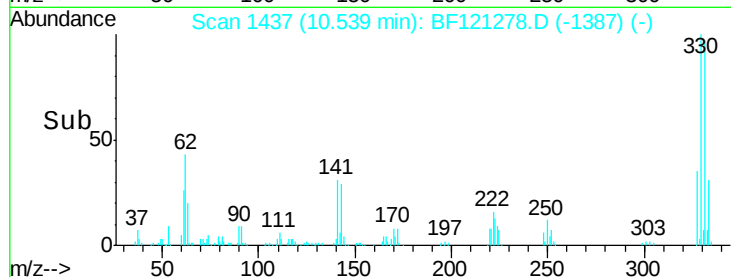
141 30.1 23.4 35.2



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: 60.736 ng

RT: 9.08 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BF121278.D

Acq: 13 Aug 2020 19:06

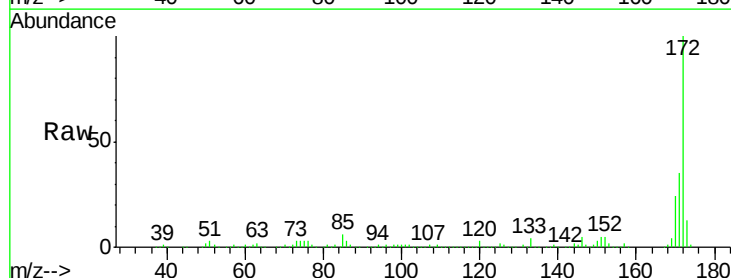
Tgt Ion:172 Resp: 750786

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

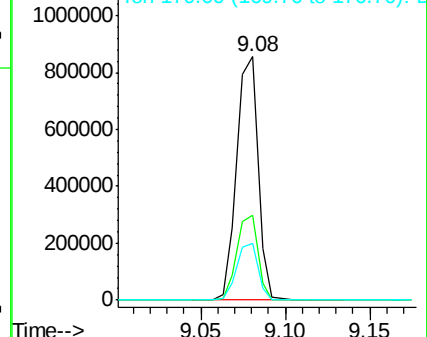
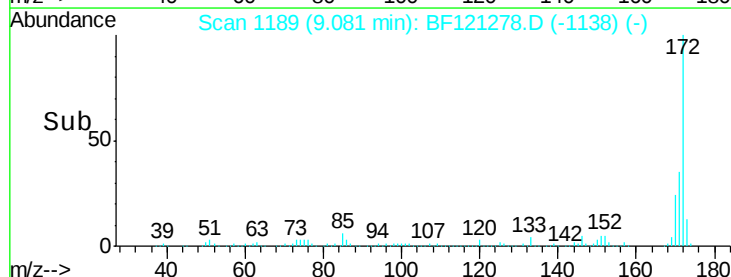
170 23.5 19.3 28.9

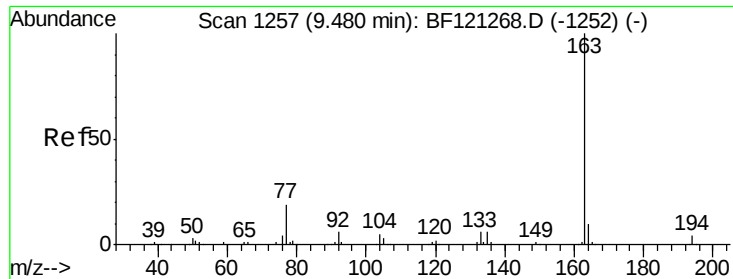


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

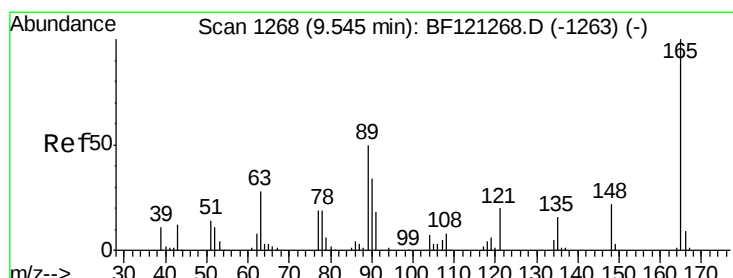
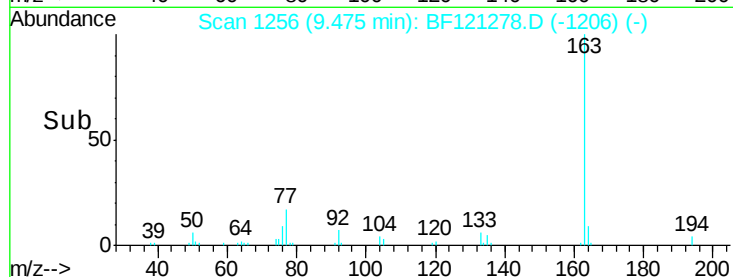
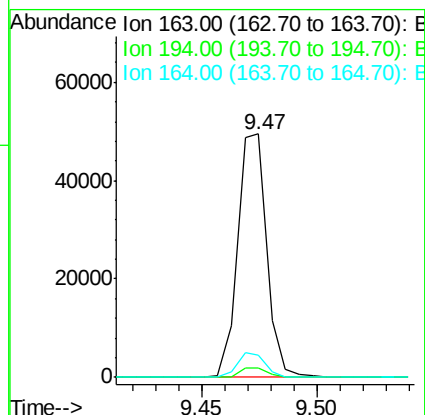
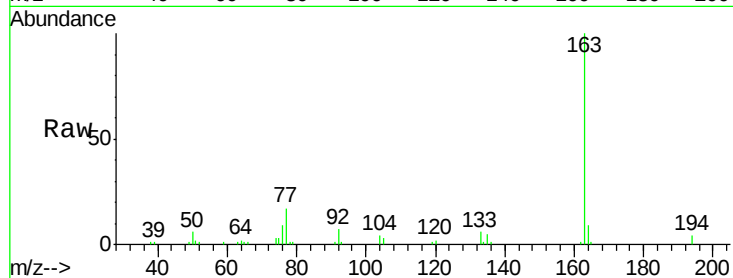




#50
Dimethylphthalate
Concen: 3.381 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF121278.D
Acq: 13 Aug 2020 19:06

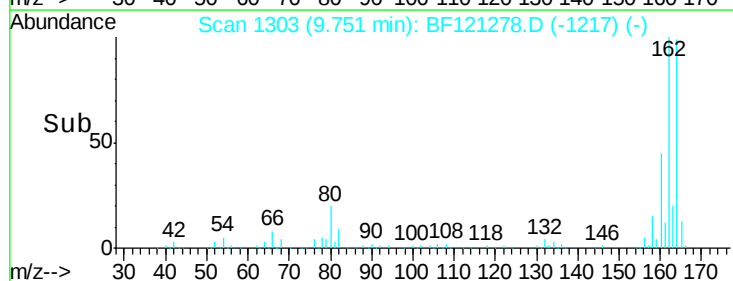
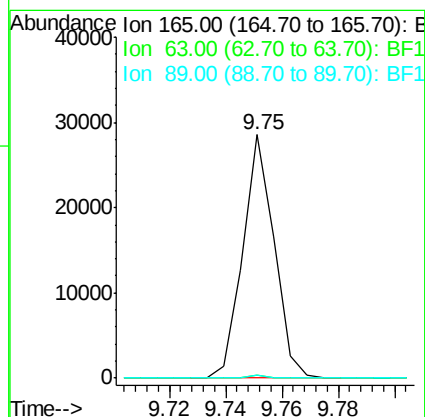
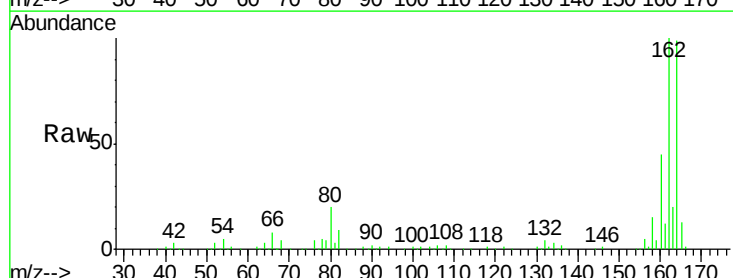
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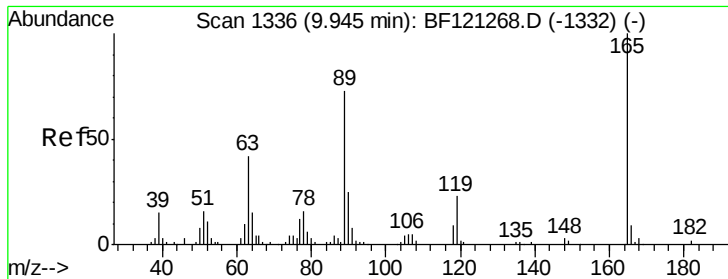
Tot Ion:163 Resp: 43500
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.1 8.1 12.1



#51
2,6-Dinitrotoluene
Concen: 7.645 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.21 min
Lab File: BF121278.D
Acq: 13 Aug 2020 19:06

Tgt Ion:165 Resp: 21927
Ion Ratio Lower Upper
165 100
63 1.1 42.3 63.5#
89 1.1 45.0 67.4#

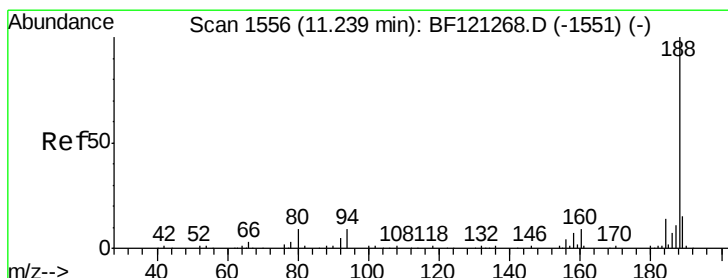
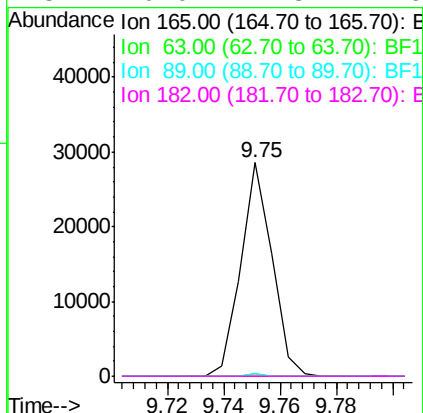
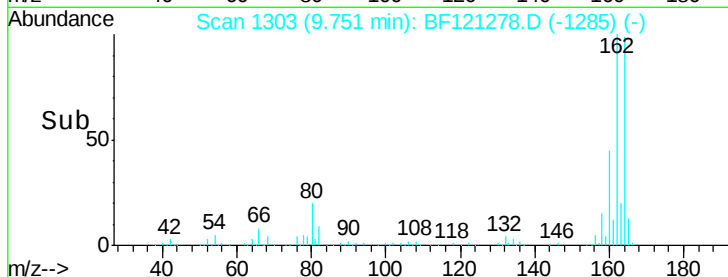
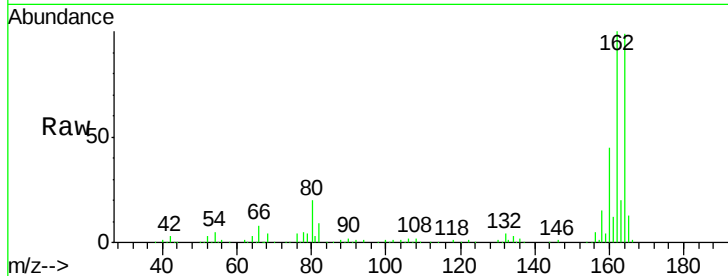




#57
 2,4-Dinitrotoluene
 Concen: 5.825 ng
 RT: 9.75 min Scan# 1303
 Delta R.T. -0.19 min
 Lab File: BF121278.D
 Acq: 13 Aug 2020 19:06

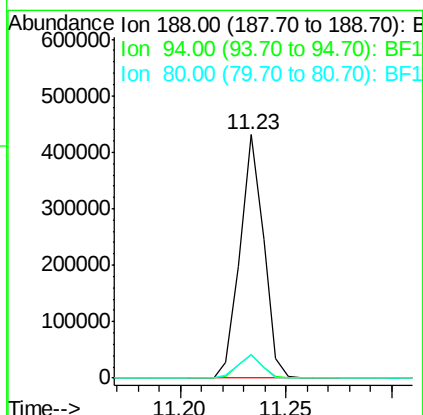
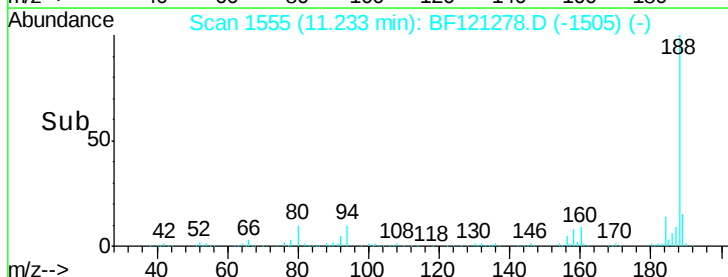
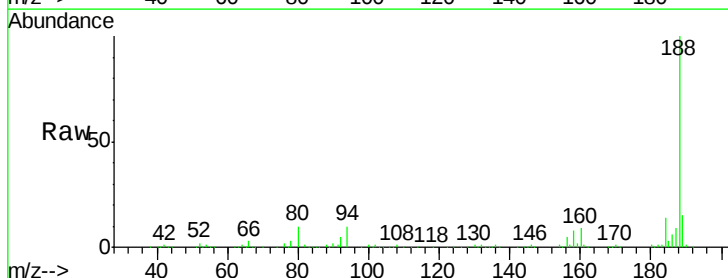
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3

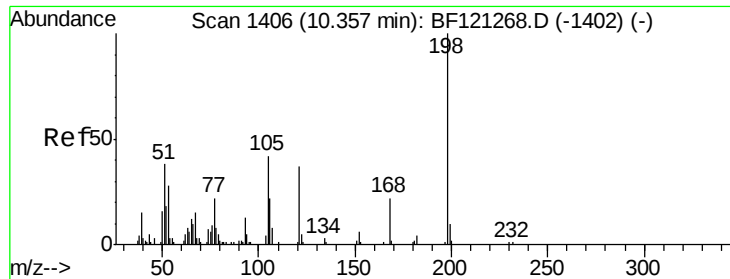
Tot Ion:165	Resp:	21927
Ion Ratio	Lower	Upper
165	100	
63	1.1	31.9 47.9#
89	1.1	53.6 80.4#
182	0.0	1.8 2.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.23 min Scan# 1555
 Delta R.T. -0.01 min
 Lab File: BF121278.D
 Acq: 13 Aug 2020 19:06

Tgt Ion:188	Resp:	333574
Ion Ratio	Lower	Upper
188	100	
94	9.5	7.0 10.6
80	9.8	7.4 11.0

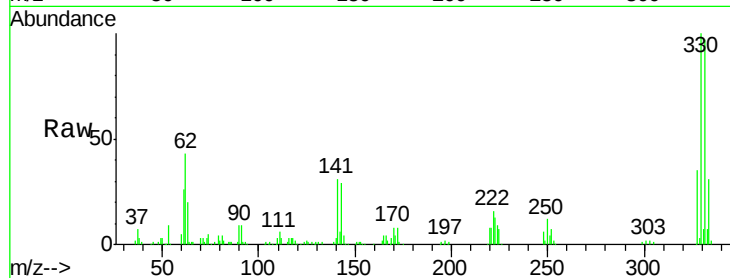




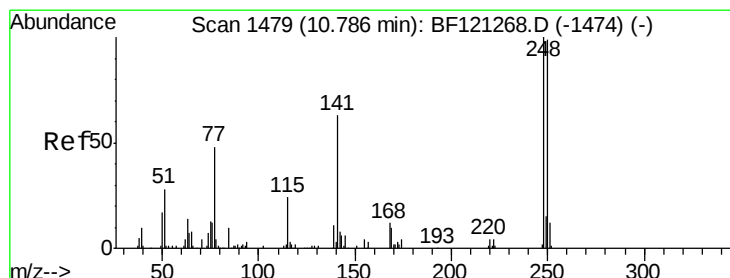
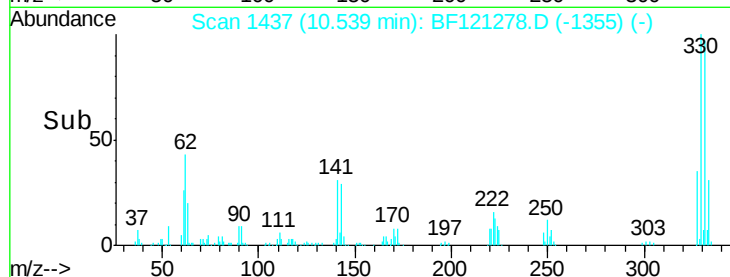
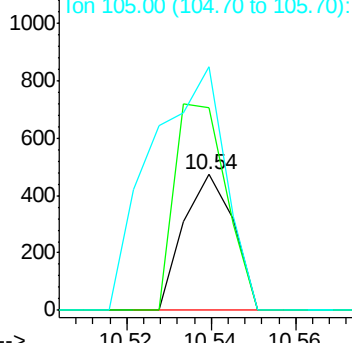
#65
 4,6-Dinitro-2-methylphenol
 Concen: 6.099 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. 0.18 min
 Lab File: BF121278.D
 Acq: 13 Aug 2020 19:06

Instrument :
 BNA_F
 ClientSampleId :
 SP1-3

Tot Ion:198 Resp: 390
 Ion Ratio Lower Upper
 198 100
 51 148.8 29.1 69.1#
 105 179.1 28.3 68.3#

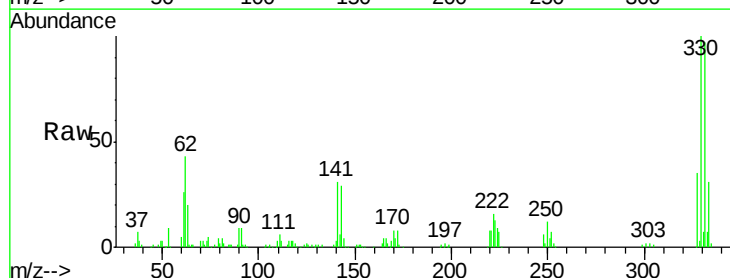


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

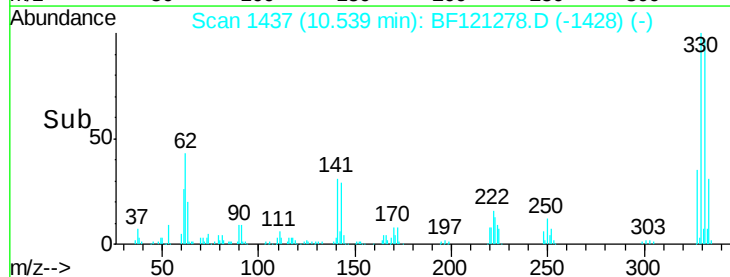
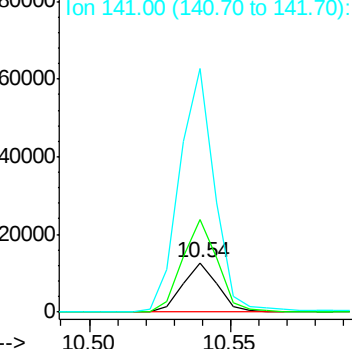


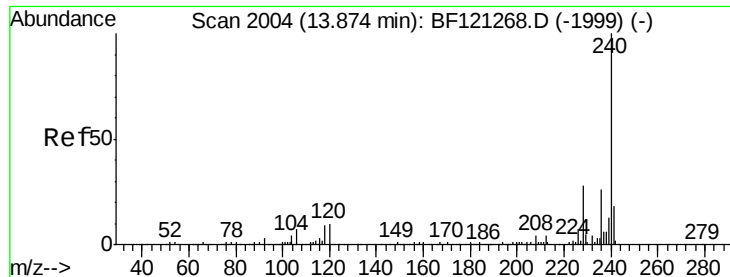
#67
 4-Bromophenyl-phenylether
 Concen: 2.759 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.25 min
 Lab File: BF121278.D
 Acq: 13 Aug 2020 19:06

Tgt Ion:248 Resp: 10735
 Ion Ratio Lower Upper
 248 100
 250 189.5 77.7 116.5#
 141 496.4 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

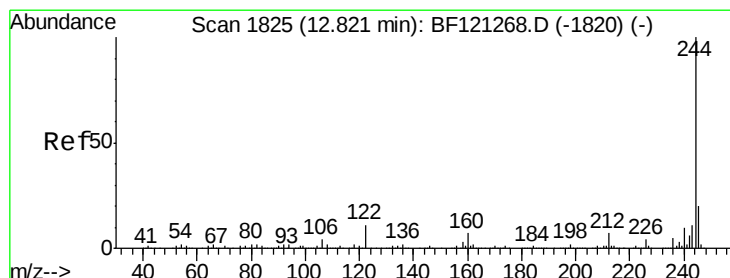
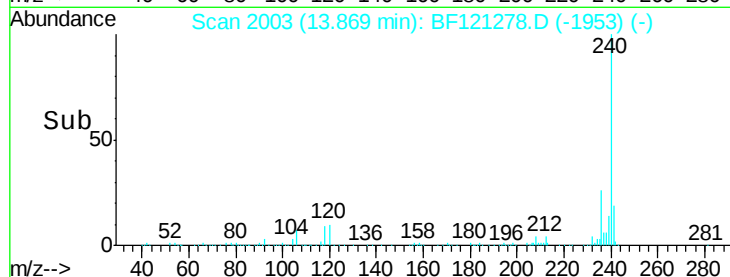
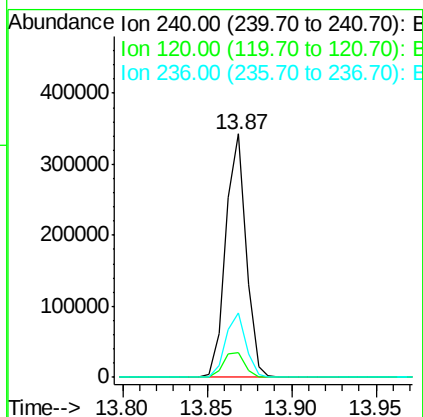
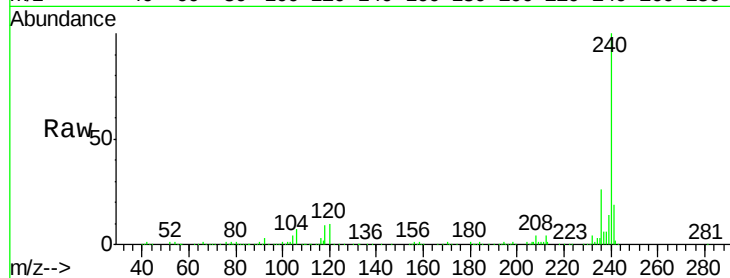




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF121278.D
 Acq: 13 Aug 2020 19:06

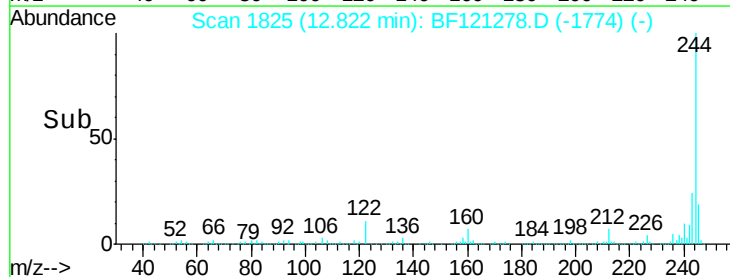
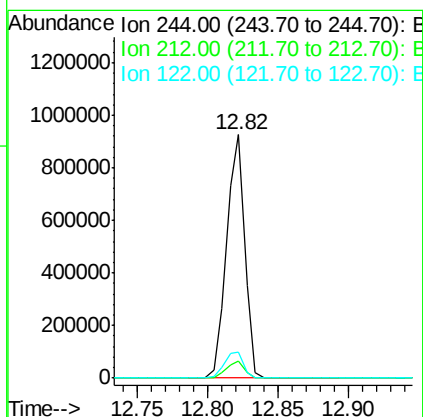
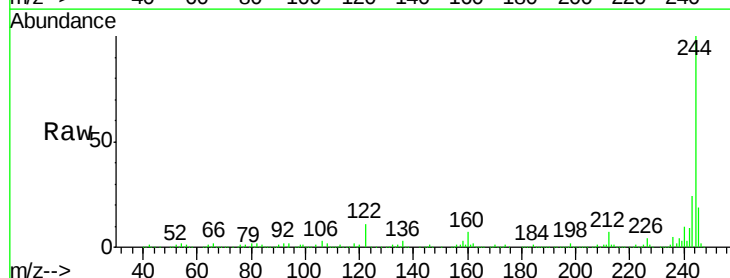
Instrument :
 BNA_F
 ClientSampleId :
 SP1-3

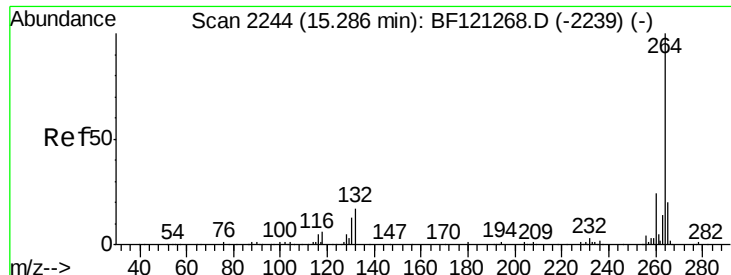
Tot Ion:240 Resp: 287584
 Ion Ratio Lower Upper
 240 100
 120 10.2 9.2 13.8
 236 26.4 21.0 31.4



#79
 Terphenyl-d14
 Concen: 55.799 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. 0.00 min
 Lab File: BF121278.D
 Acq: 13 Aug 2020 19:06

Tgt Ion:244 Resp: 823189
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.5 8.3
 122 10.7 9.1 13.7





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.29 min Scan# 2244
Delta R.T. 0.00 min
Lab File: BF121278.D
Acq: 13 Aug 2020 19:06

Instrument :
BNA_F
ClientSampleId :
SP1-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.3	17.1	25.7

