

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100620\
 Data File : BF121854.D
 Acq On : 6 Oct 2020 15:58
 Operator : JU/CG
 Sample : L4247-02MS 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-18(0-1)MS

Quant Time: Oct 06 17:14:45 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

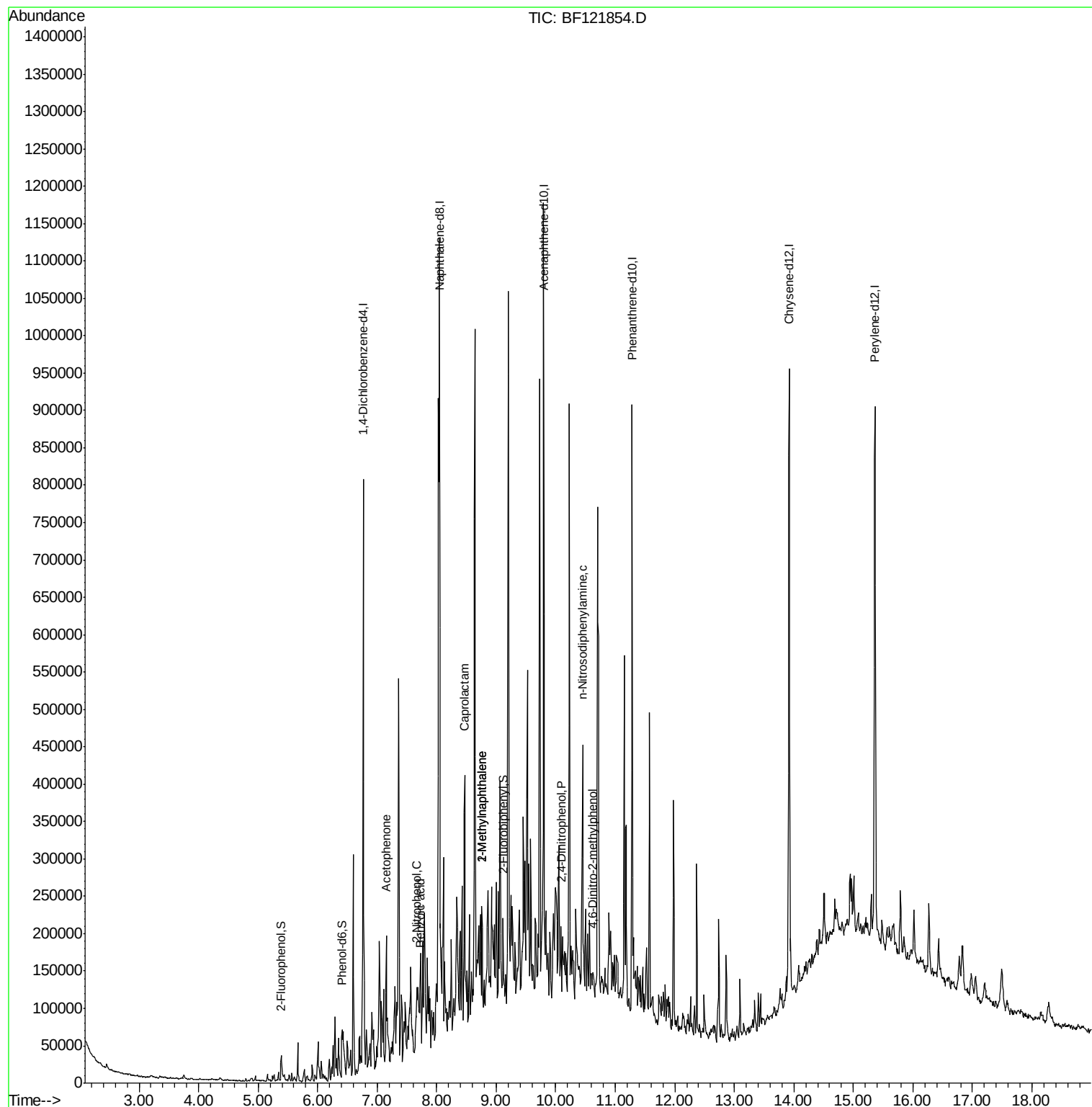
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	117253	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	419047	20.00	ng	-0.01
39) Acenaphthene-d10	9.80	164	187296	20.00	ng	-0.01
64) Phenanthrene-d10	11.28	188	292737	20.00	ng	-0.01
76) Chrysene-d12	13.92	240	292341	20.00	ng	-0.01
86) Perylene-d12	15.36	264	300669	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	18621	2.36	ng	0.00
7) Phenol-d6	6.41	99	26224	2.53	ng	0.00
23) Nitrobenzene-d5	7.32	82	15572	2.00	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	3784	1.63	ng	-0.01
45) 2-Fluorobiphenyl	9.12	172	33142	2.68	ng	-0.02
79) Terphenyl-d14	12.86	244	28721	1.99	ng	-0.02
Target Compounds						
22) Acetophenone	7.16	105	24268	2.283	ng	# 46
26) 2-Nitrophenol	7.67	139	3395	3.368	ng	# 57
32) Benzoic acid	7.71	122	6923	8.068	ng	# 35
35) Caprolactam	8.47	113	7655	3.599	ng	# 29
37) 2-Methylnaphthalene	8.76	142	38130	2.630	ng	100
38) 1-Methylnaphthalene	8.76	142	38130	2.826	ng	95
54) 2,4-Dinitrophenol	10.09	184	268	9.190	ng	# 48
65) 4,6-Dinitro-2-methylphenol	10.62	198	868	7.266	ng	# 1
66) n-Nitrosodiphenylamine	10.46	169	20989	2.090	ng	# 89

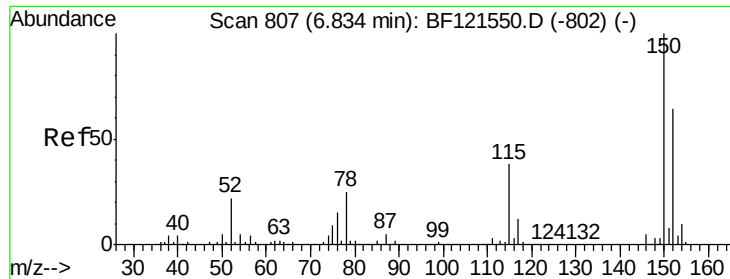
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
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B-18(0-1)MS

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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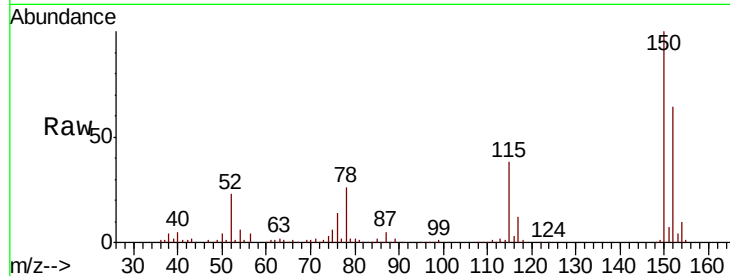


#1

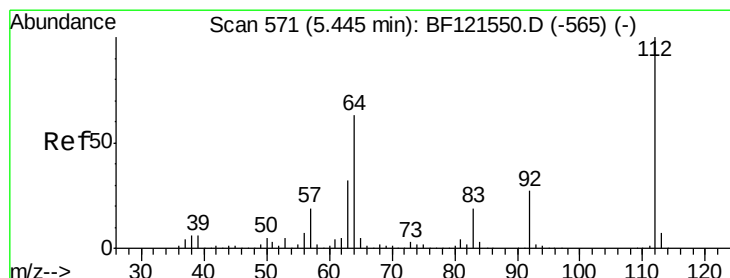
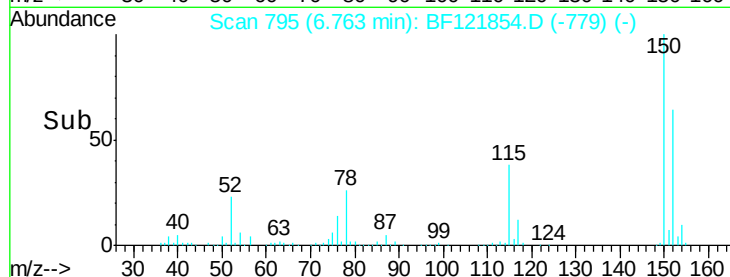
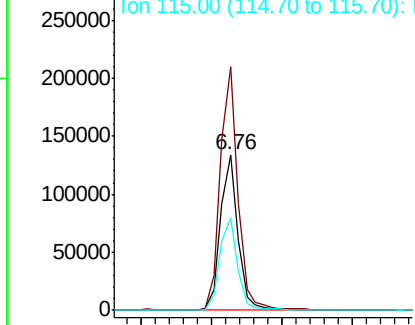
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

Tot Ion:152 Resp: 117253
Ion Ratio Lower Upper
152 100
150 156.3 125.3 187.9
115 59.8 51.9 77.9



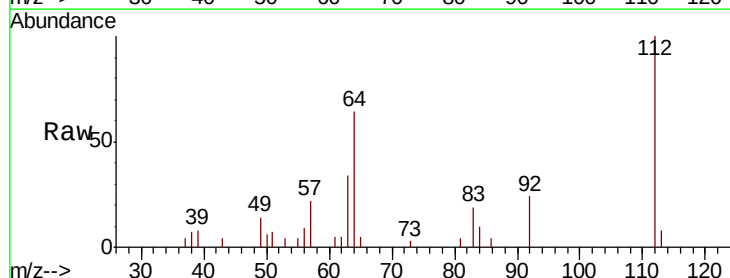
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



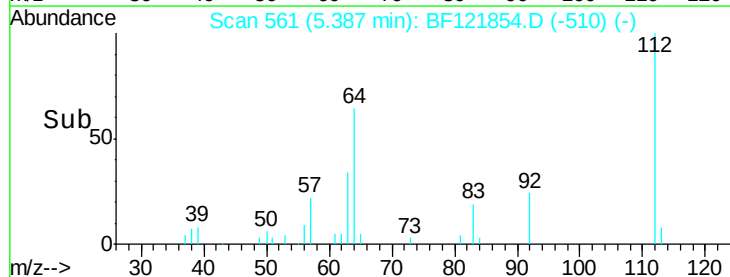
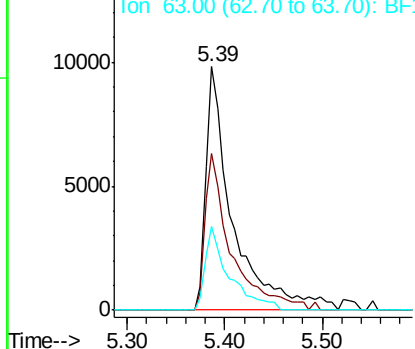
#5

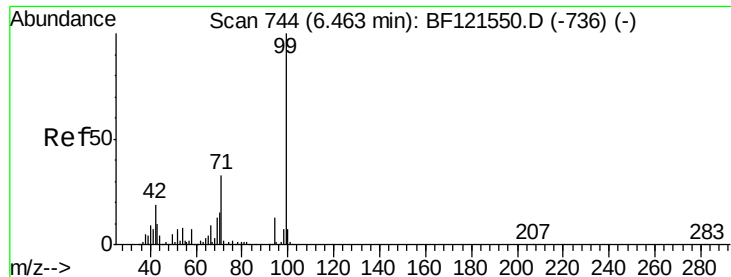
2-Fluorophenol
Concen: 2.360 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion:112 Resp: 18621
Ion Ratio Lower Upper
112 100
64 64.1 50.4 75.6
63 34.1 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: 2.533 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF121854.D

Acq: 6 Oct 2020 15:58

Instrument :

BNA_F

ClientSampleId :

B-18(0-1)MS

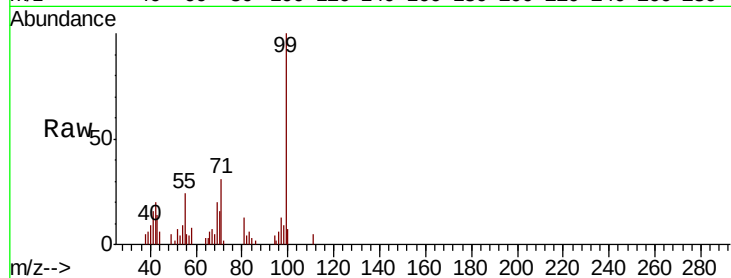
Tot Ion: 99 Resp: 26224

Ion Ratio Lower Upper

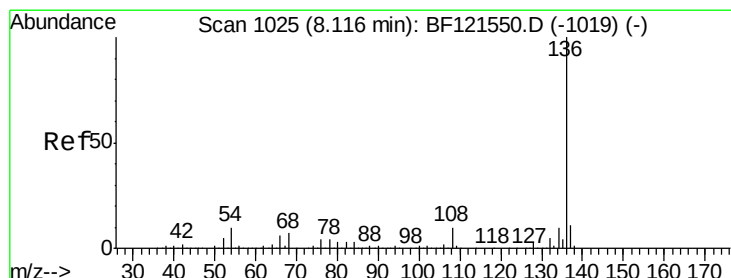
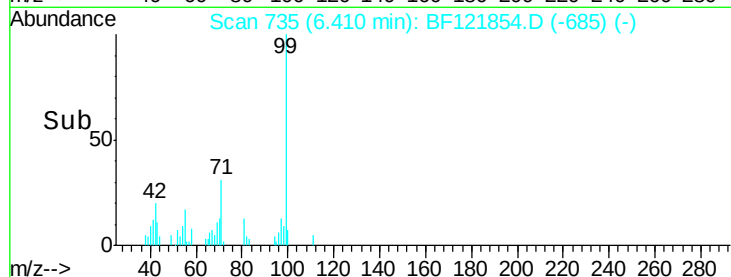
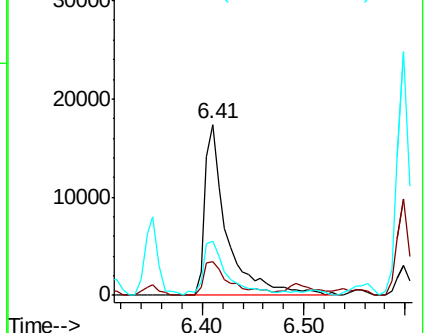
99 100

42 19.7 15.9 23.9

71 31.4 27.1 40.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF121854.D

Acq: 6 Oct 2020 15:58

Tgt Ion: 136 Resp: 419047

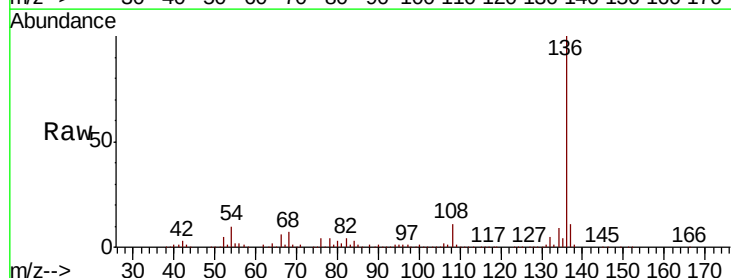
Ion Ratio Lower Upper

136 100

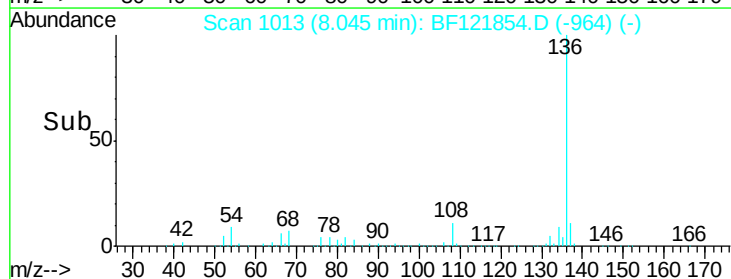
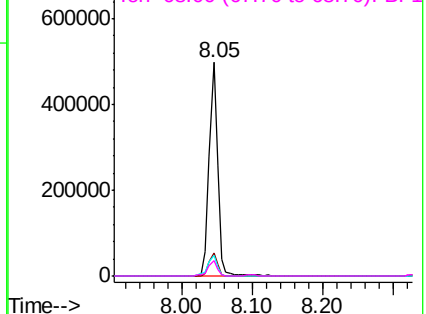
137 11.0 8.6 13.0

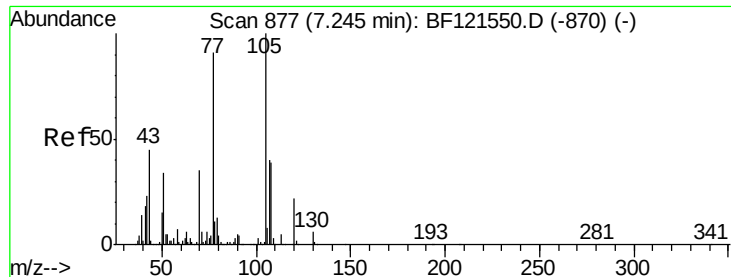
54 9.6 7.1 10.7

68 7.1 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

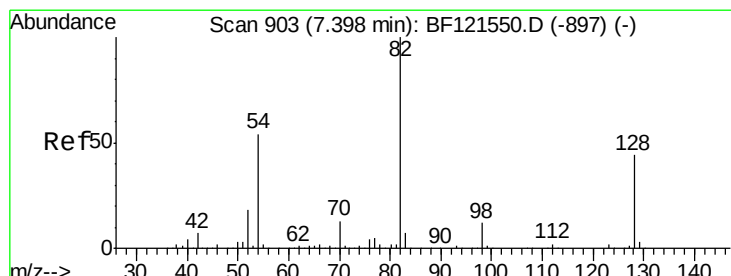
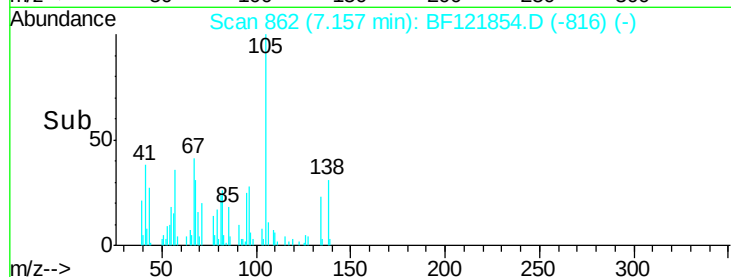
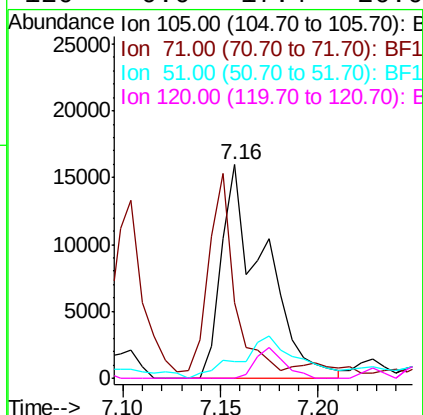
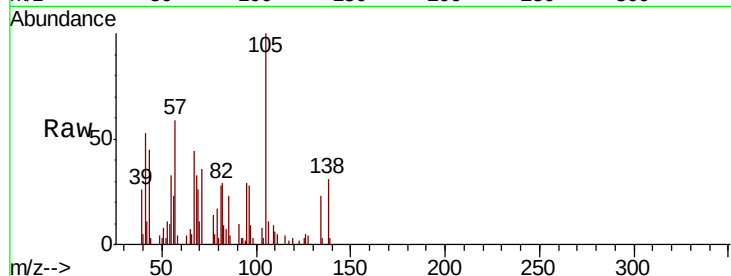




#22
Acetophenone
Concen: 2.283 ng
RT: 7.16 min Scan# 862
Delta R.T. -0.03 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

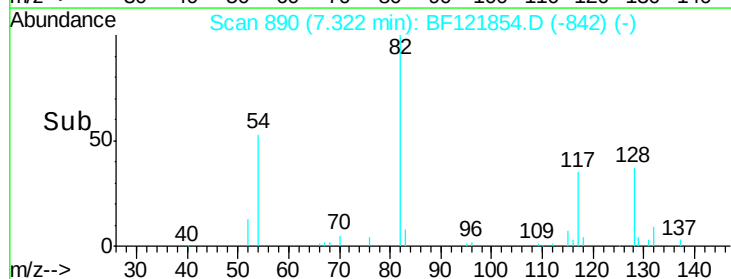
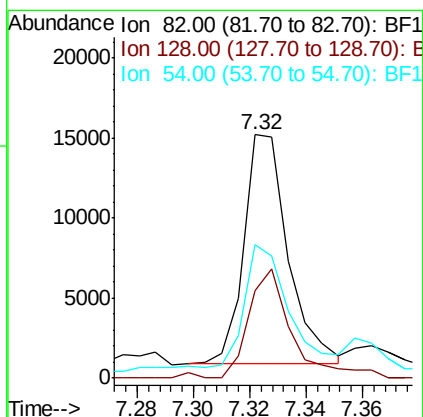
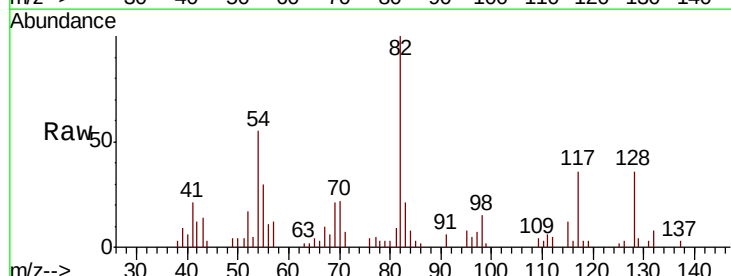
Instrument :
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B-18(0-1)MS

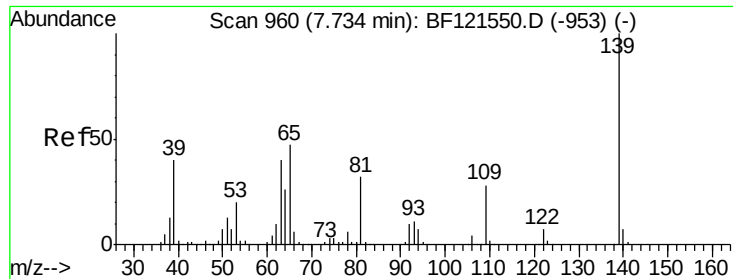
Tot Ion:105 Resp: 24268
Ion Ratio Lower Upper
105 100
71 35.6 5.3 7.9#
51 7.6 33.2 49.8#
120 0.0 17.4 26.0#



#23
Nitrobenzene-d5
Concen: 1.995 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.02 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion: 82 Resp: 15572
Ion Ratio Lower Upper
82 100
128 35.8 35.0 52.4
54 55.1 43.9 65.9

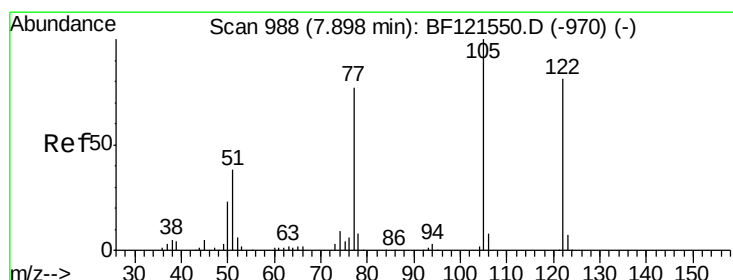
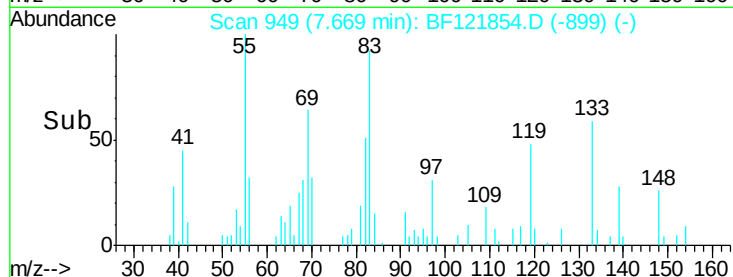
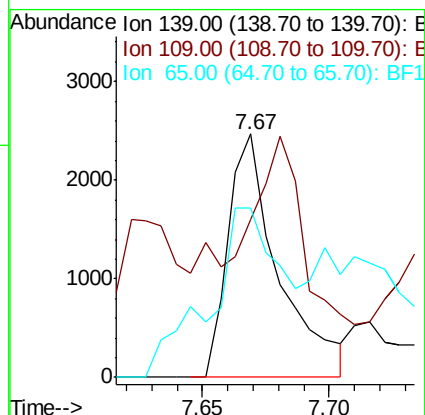
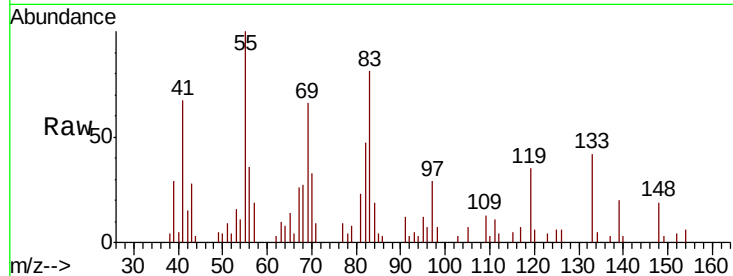




#26
2-Nitrophenol
Concen: 3.368 ng
RT: 7.67 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

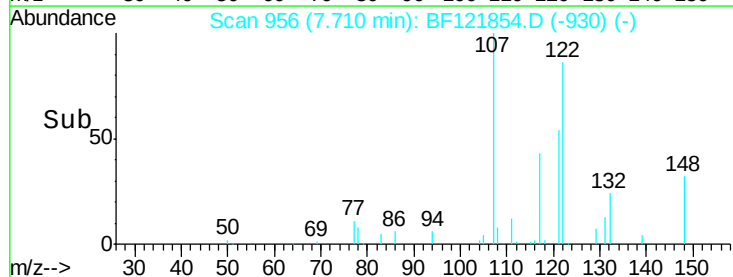
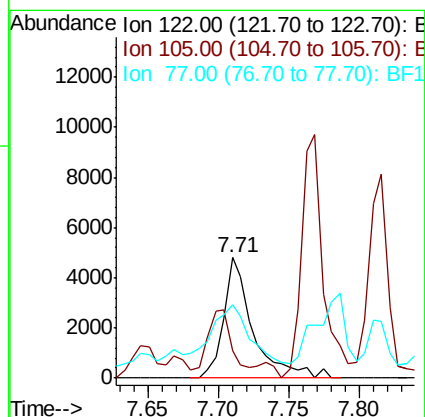
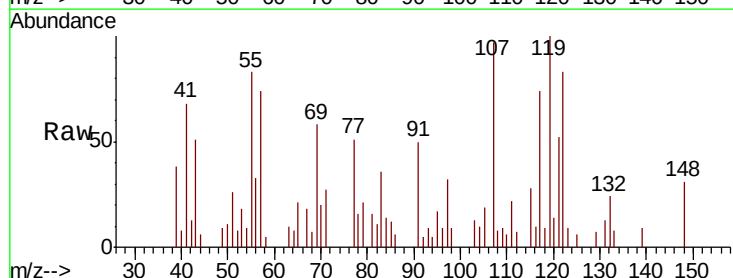
Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

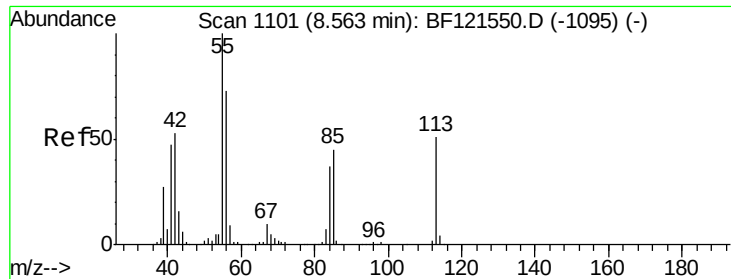
Tot Ion	Ratio	Lower	Upper
139	100		
109	64.9	23.0	34.4#
65	69.4	39.9	59.9#



#32
Benzoic acid
Concen: 8.068 ng
RT: 7.71 min Scan# 956
Delta R.T. -0.15 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
122	100		
105	22.5	103.3	143.3#
77	61.3	73.9	113.9#





#35

Caprolactam

Concen: 3.599 ng

RT: 8.47 min Scan# 1085

Delta R.T. -0.04 min

Lab File: BF121854.D

Acq: 6 Oct 2020 15:58

Instrument :

BNA_F

ClientSampleId :

B-18(0-1)MS

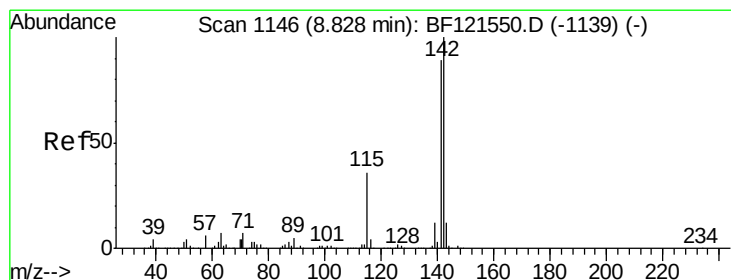
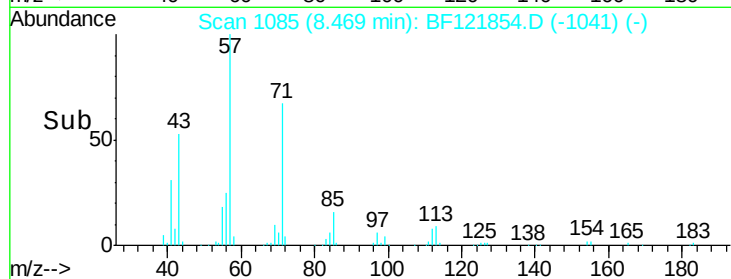
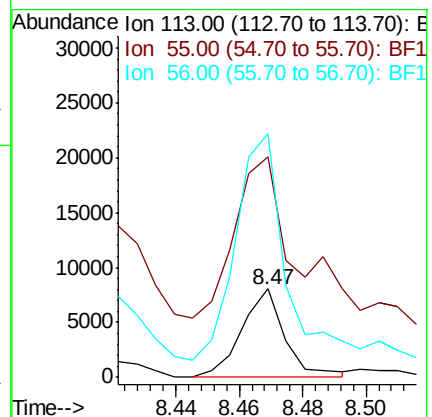
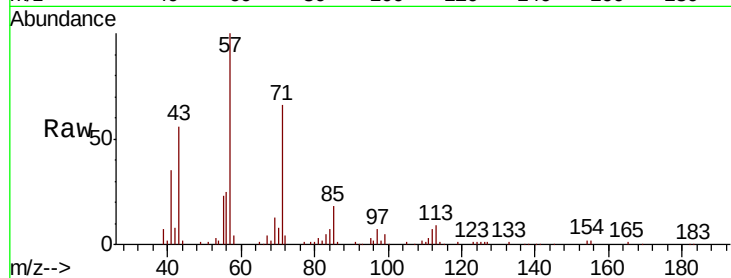
Tot Ion:113 Resp: 7655

Ion Ratio Lower Upper

113 100

55 249.7 167.5 207.5#

56 275.3 121.2 161.2#



#37

2-Methylnaphthalene

Concen: 2.630 ng

RT: 8.76 min Scan# 1134

Delta R.T. -0.01 min

Lab File: BF121854.D

Acq: 6 Oct 2020 15:58

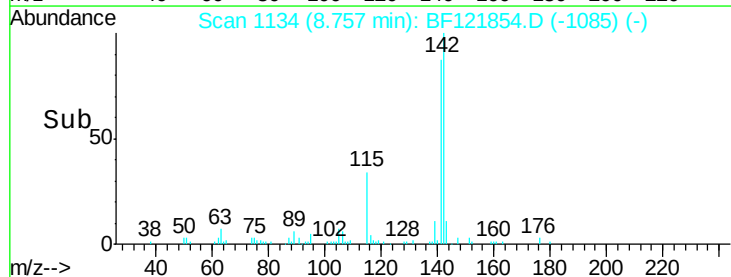
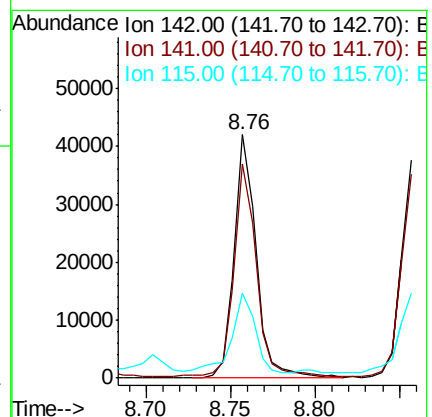
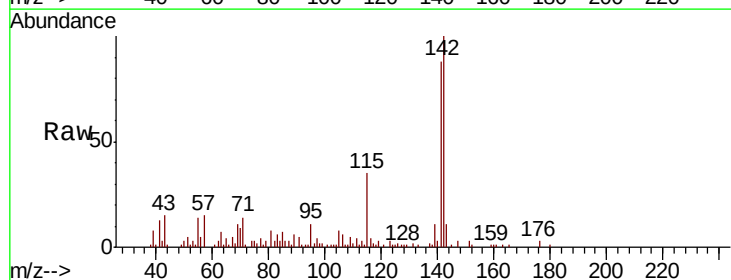
Tgt Ion:142 Resp: 38130

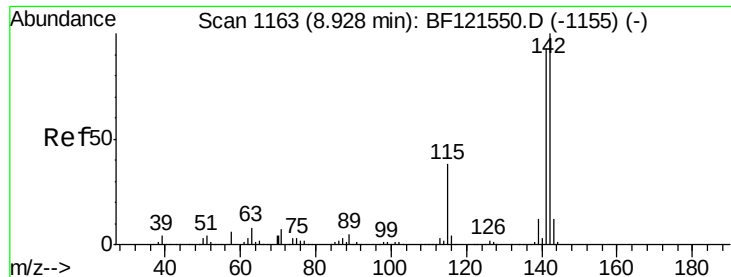
Ion Ratio Lower Upper

142 100

141 88.0 70.2 105.4

115 35.1 28.6 43.0

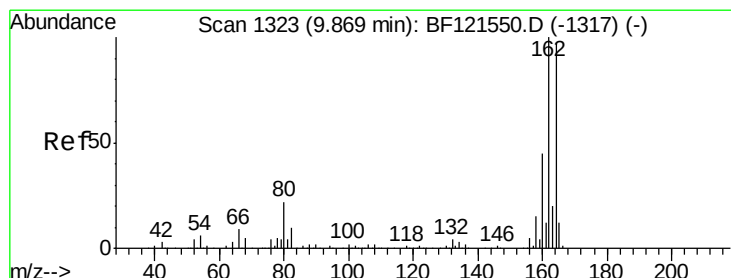
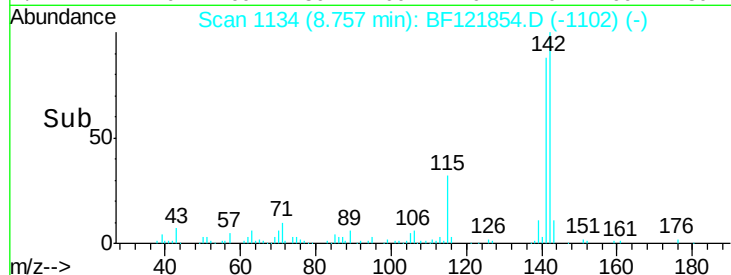
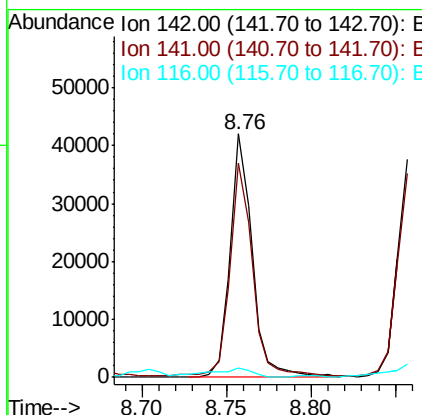
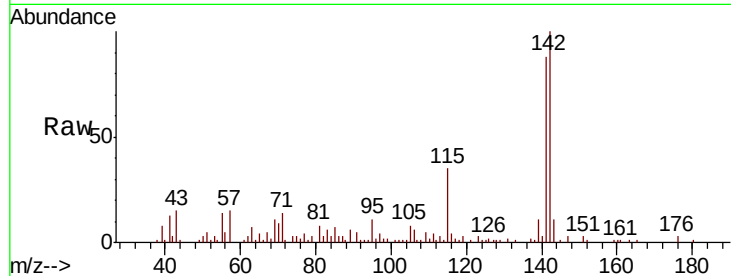




#38
 1-Methylnaphthalene
 Concen: 2.826 ng
 RT: 8.76 min Scan# 1134
 Delta R.T. -0.11 min
 Lab File: BF121854.D
 Acq: 6 Oct 2020 15:58

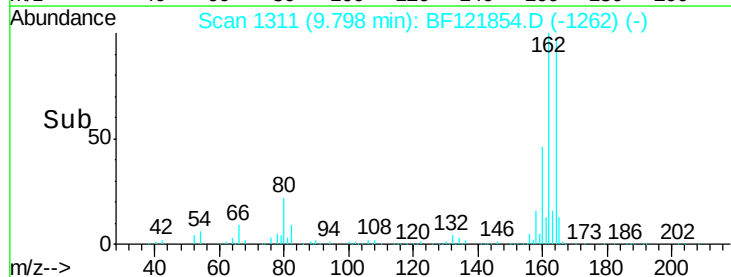
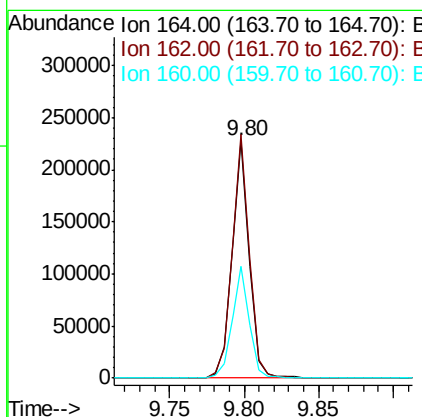
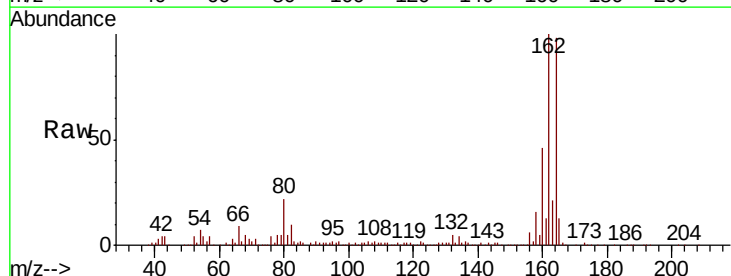
Instrument :
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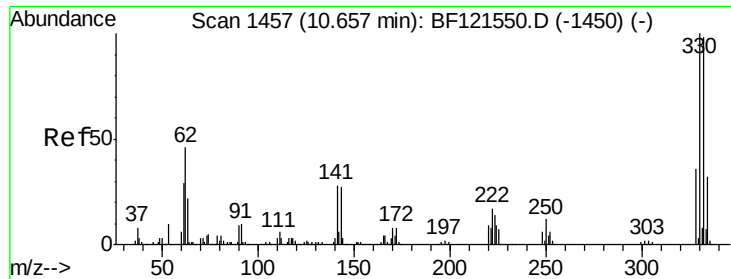
Tot Ion:142 Resp: 38130
 Ion Ratio Lower Upper
 142 100
 141 88.0 74.5 111.7
 116 3.8 3.2 4.8



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.80 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF121854.D
 Acq: 6 Oct 2020 15:58

Tgt Ion:164 Resp: 187296
 Ion Ratio Lower Upper
 164 100
 162 102.4 83.2 124.8
 160 47.0 37.5 56.3

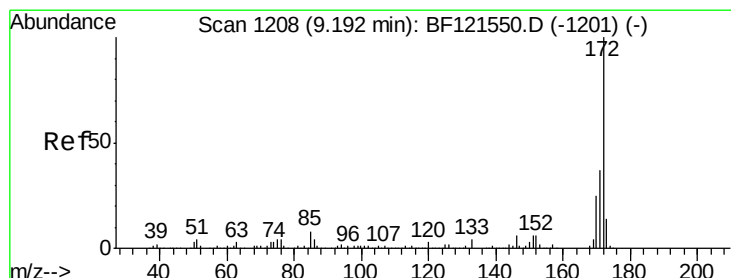
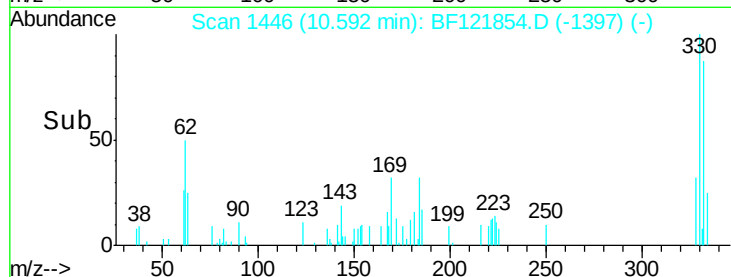
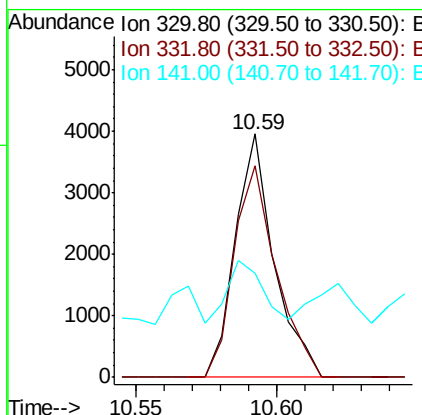
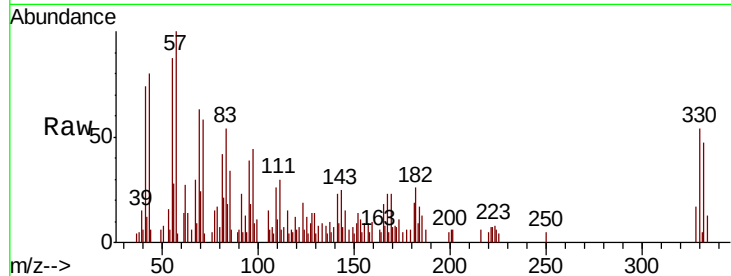




#42
 2,4,6-Tribromophenol
 Concen: 1.626 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF121854.D
 Acq: 6 Oct 2020 15:58

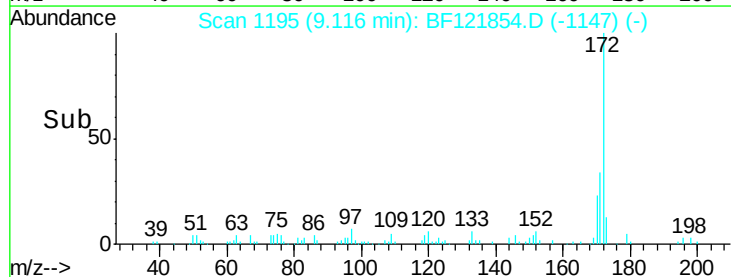
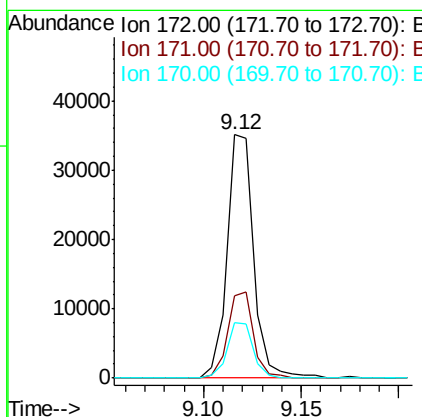
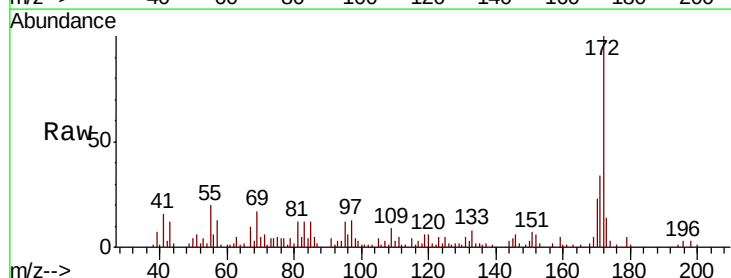
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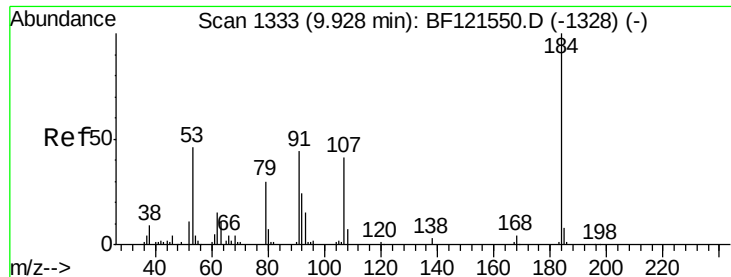
Tot Ion:330 Resp: 3784
 Ion Ratio Lower Upper
 330 100
 332 94.5 77.3 115.9
 141 22.6 22.3 33.5



#45
 2-Fluorobiphenyl
 Concen: 2.680 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.02 min
 Lab File: BF121854.D
 Acq: 6 Oct 2020 15:58

Tgt Ion:172 Resp: 33142
 Ion Ratio Lower Upper
 172 100
 171 33.6 29.1 43.7
 170 22.7 19.8 29.6

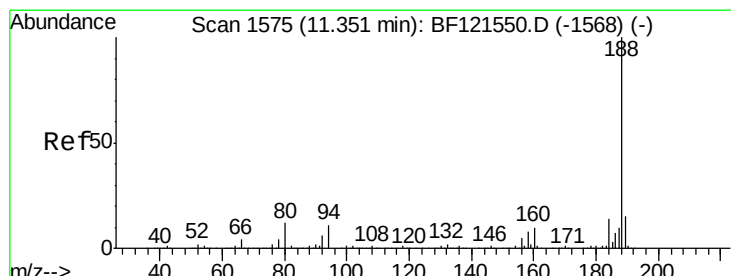
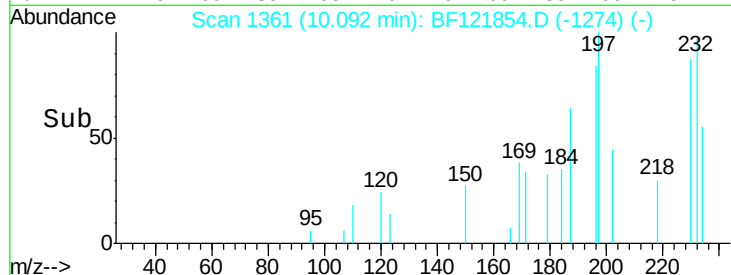
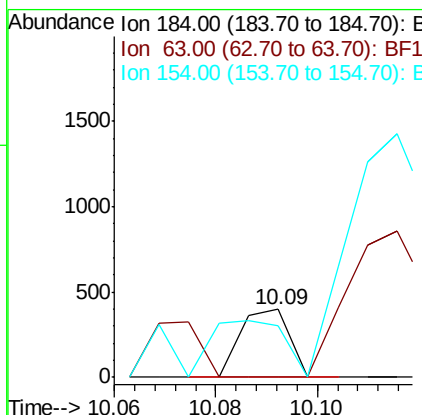
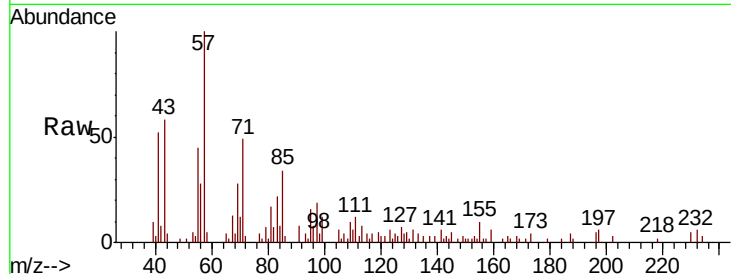




#54
 2,4-Dinitrophenol
 Concen: 9.190 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. 0.21 min
 Lab File: BF121854.D
 Acq: 6 Oct 2020 15:58

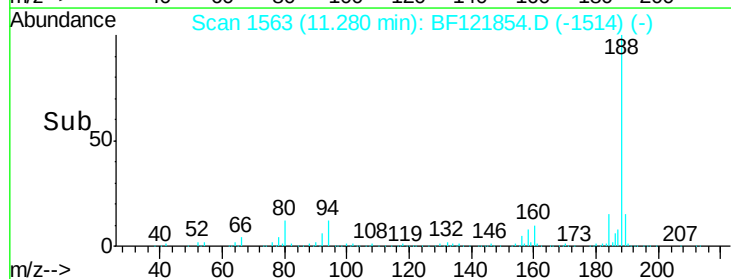
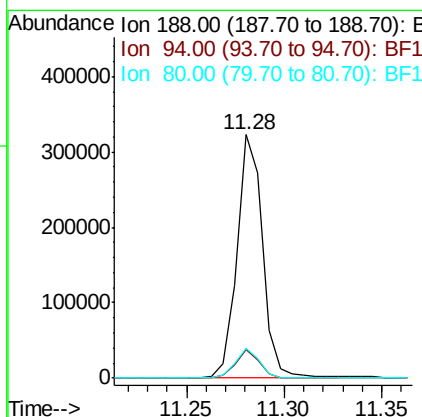
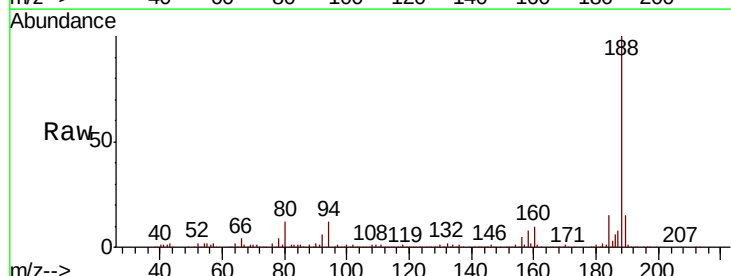
Instrument :
 BNA_F
 ClientSampleId :
 B-18(0-1)MS

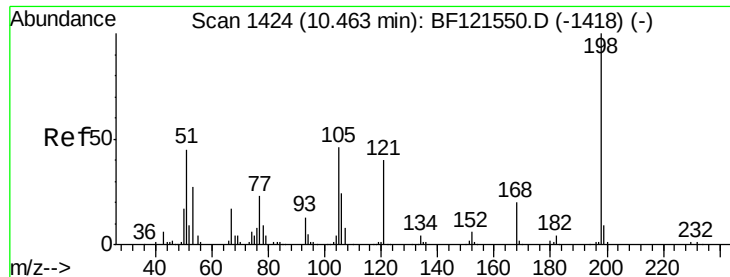
Tot Ion:184 Resp: 268
 Ion Ratio Lower Upper
 184 100
 63 0.0 45.9 68.9#
 154 76.8 45.8 68.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF121854.D
 Acq: 6 Oct 2020 15:58

Tgt Ion:188 Resp: 292737
 Ion Ratio Lower Upper
 188 100
 94 11.7 8.3 12.5
 80 12.2 9.1 13.7

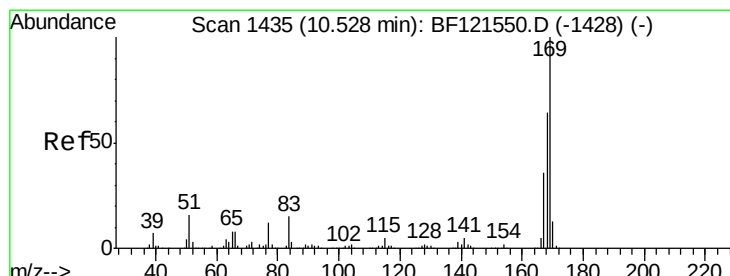
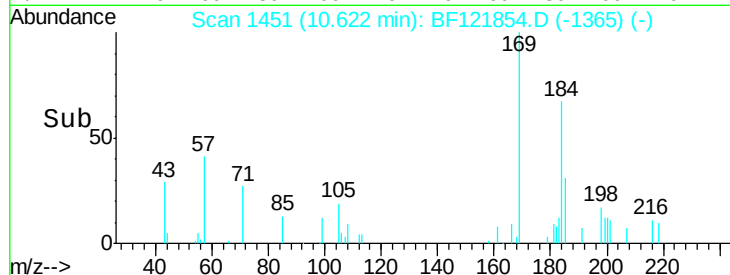
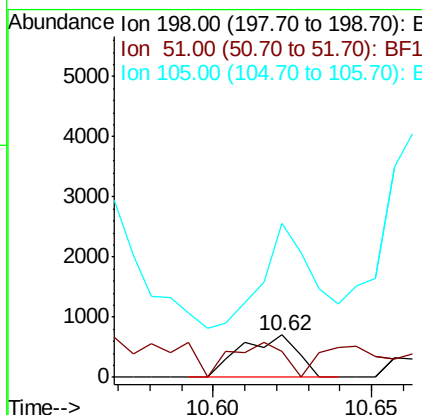
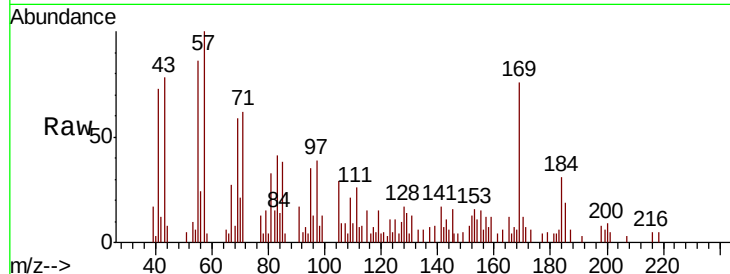




#65
4,6-Dinitro-2-methylphenol
Concen: 7.266 ng
RT: 10.62 min Scan# 1451
Delta R.T. 0.21 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

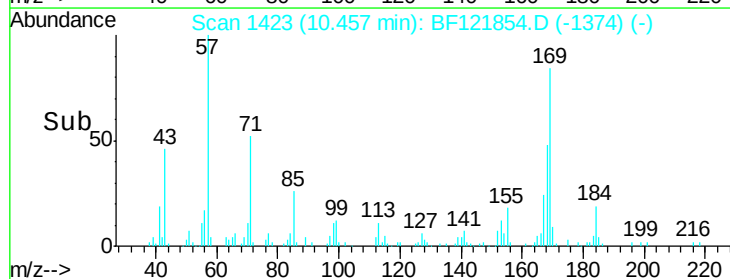
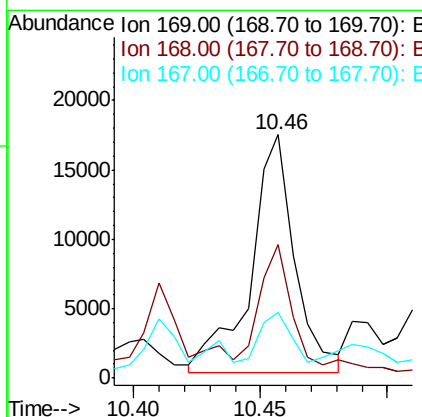
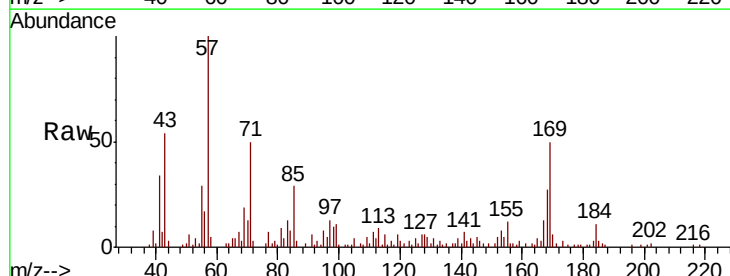
Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

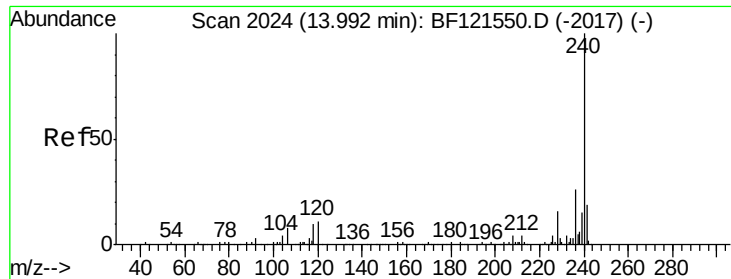
Tot Ion:198 Resp: 868
Ion Ratio Lower Upper
198 100
51 61.0 29.6 69.6
105 363.4 24.4 64.4#



#66
n-Nitrosodiphenylamine
Concen: 2.090 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Tgt Ion:169 Resp: 20989
Ion Ratio Lower Upper
169 100
168 54.7 50.0 75.0
167 26.9 27.8 41.6#

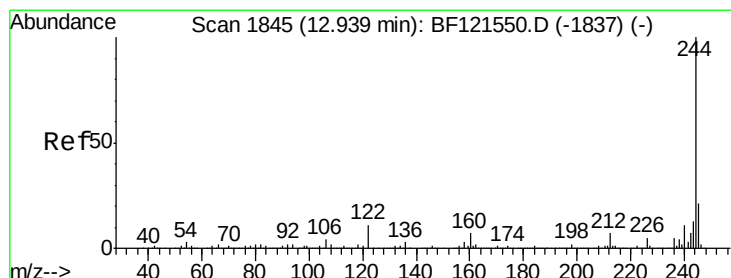
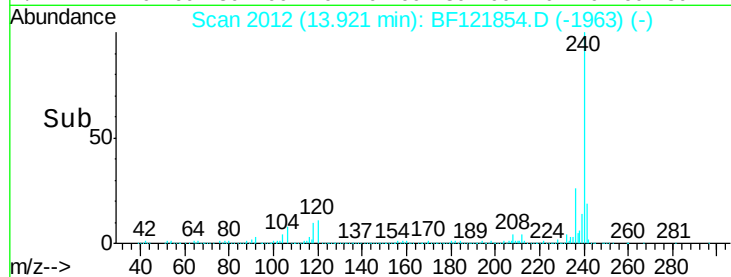
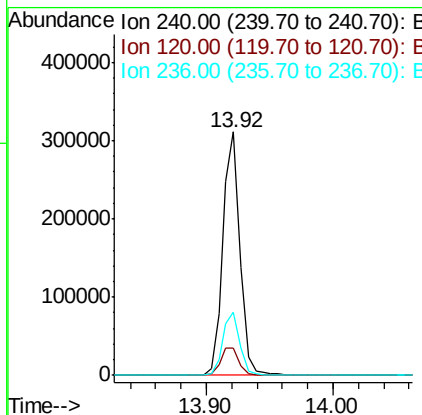
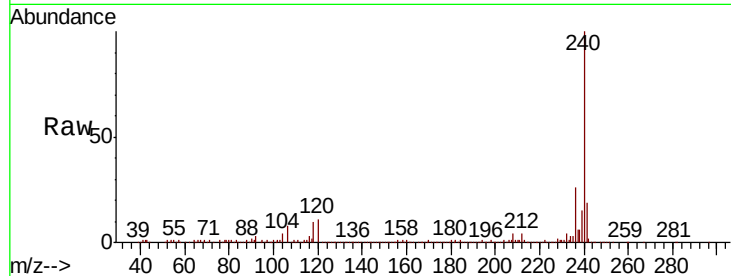




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF121854.D
 Acq: 6 Oct 2020 15:58

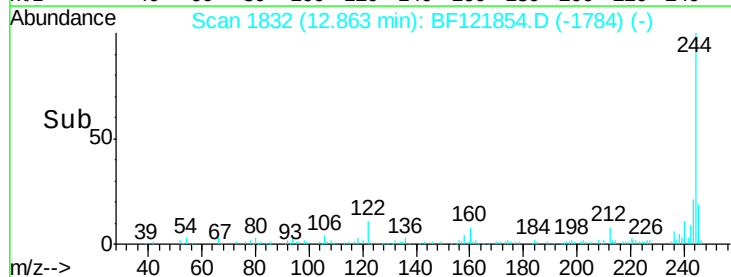
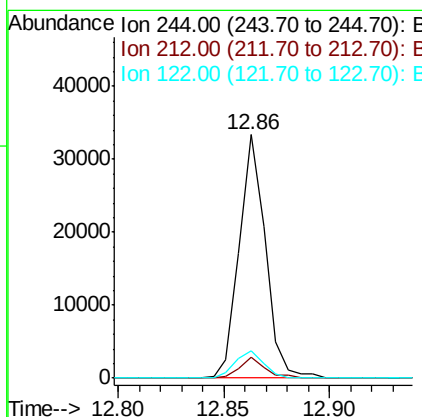
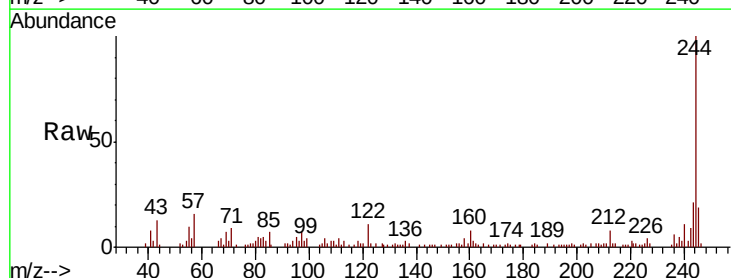
Instrument :
 BNA_F
 ClientSampleId :
 B-18(0-1)MS

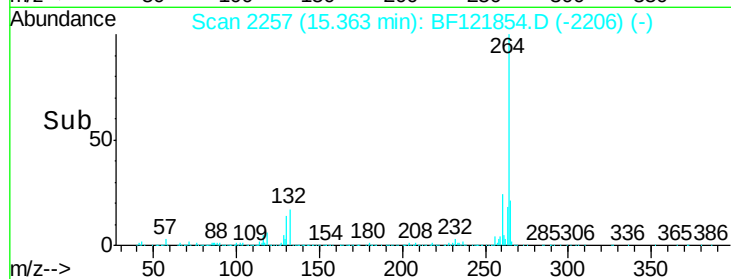
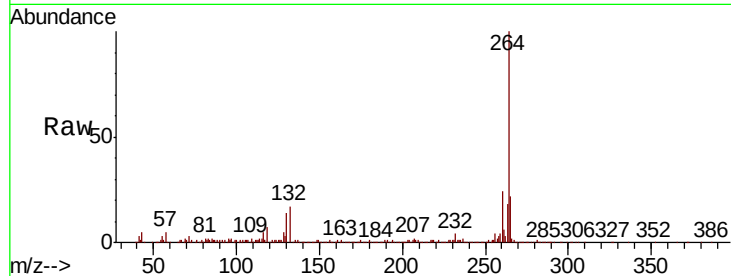
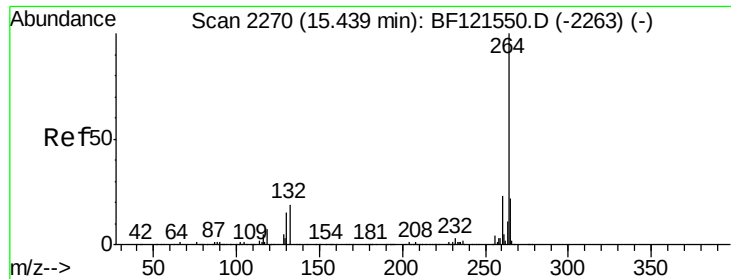
Tot Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.2	13.8
236	25.9	20.9	31.3



#79
 Terphenyl-d14
 Concen: 1.990 ng
 RT: 12.86 min Scan# 1832
 Delta R.T. -0.02 min
 Lab File: BF121854.D
 Acq: 6 Oct 2020 15:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.4	8.2#
122	11.3	8.1	12.1





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2257
Delta R.T. 0.00 min
Lab File: BF121854.D
Acq: 6 Oct 2020 15:58

Instrument :
BNA_F
ClientSampleId :
B-18(0-1)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.7	28.1
265	21.7	17.3	25.9

