

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092421\
 Data File : BF125630.D
 Acq On : 24 Sep 2021 20:17
 Operator : JU/CG
 Sample : M3911-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 25 03:01:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

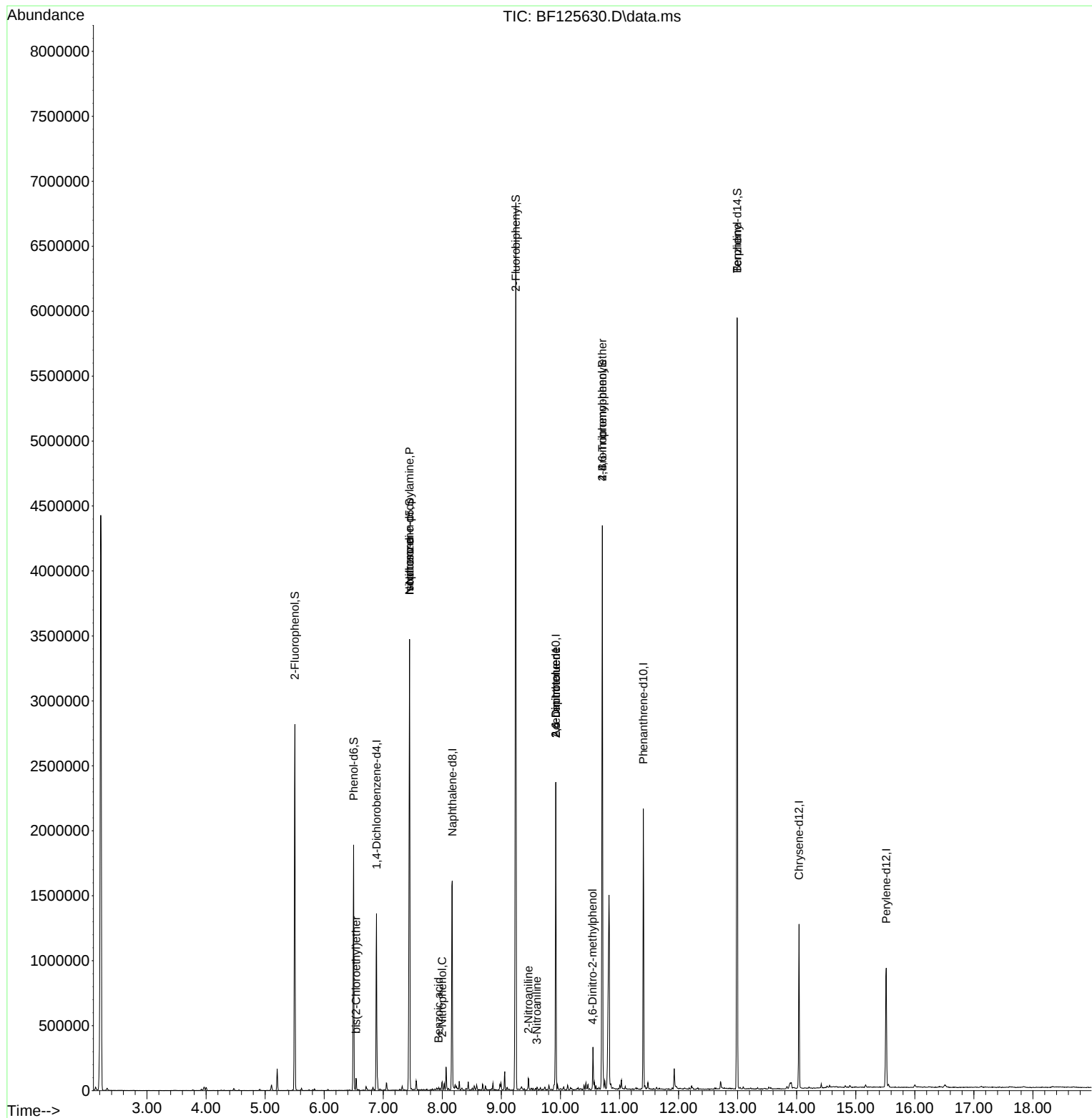
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	201546	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	828294	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	439202	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	748298	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	383250	20.000	ng	0.00
86) Perylene-d12	15.515	264	397513	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	830074	67.856	ng	0.00
7) Phenol-d6	6.498	99	627791	38.172	ng	-0.01
23) Nitrobenzene-d5	7.445	82	1257260	105.873	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	579504	141.516	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2369397	99.164	ng	0.00
79) Terphenyl-d14	12.992	244	2141986	96.788	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	250	Below Cal	#	66
11) bis(2-Chloroethyl)ether	6.539	93	32130	2.487	ng	# 26
19) n-Nitroso-di-n-propyla...	7.445	70	158361	16.912	ng	# 52
25) Isophorone	7.445	82	1253423	47.130	ng	# 59
26) 2-Nitrophenol	7.998	139	173	5.758	ng	# 1
32) Benzoic acid	7.939	122	4365	9.041	ng	# 17
48) 2-Nitroaniline	9.457	65	1578	4.385	ng	# 36
51) 2,6-Dinitrotoluene	9.922	165	56075	12.622	ng	# 27
53) 3-Nitroaniline	9.598	138	870	3.261	ng	# 9
57) 2,4-Dinitrotoluene	9.922	165	56075	11.515	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.545	198	172	9.052	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	31783	4.047	ng	# 1
77) Benzidine	12.992	184	27564	2.738	ng	# 94

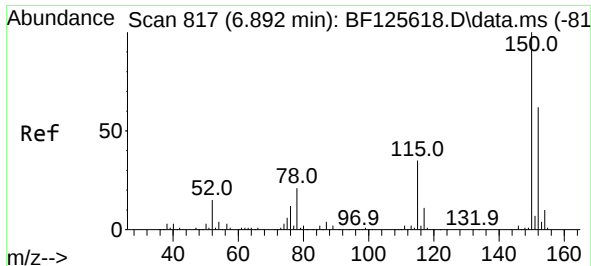
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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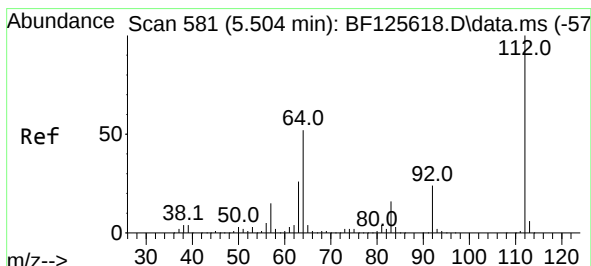
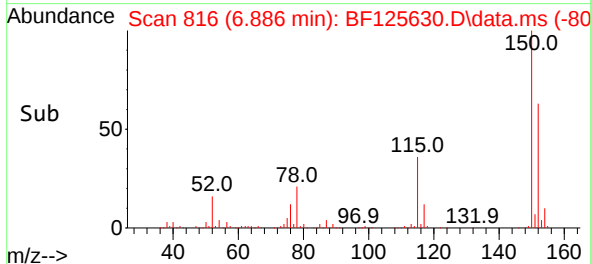
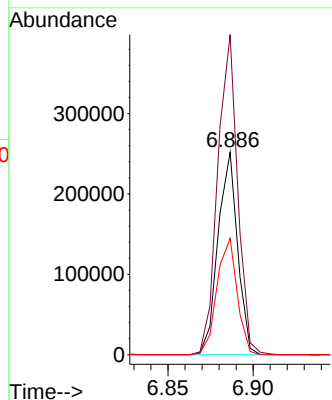
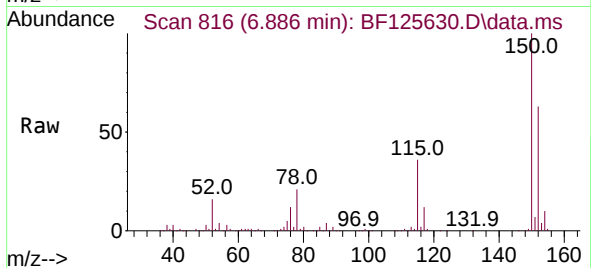




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125630.D
Acq: 24 Sep 2021 20:17

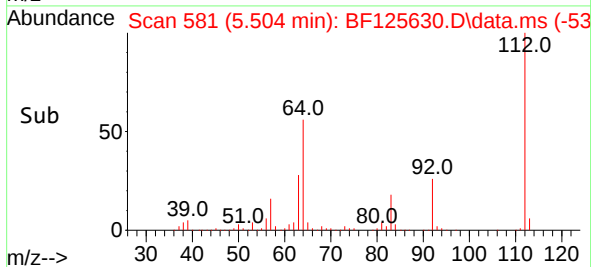
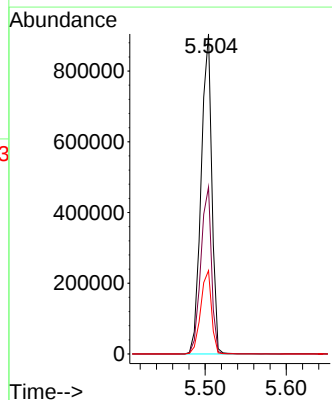
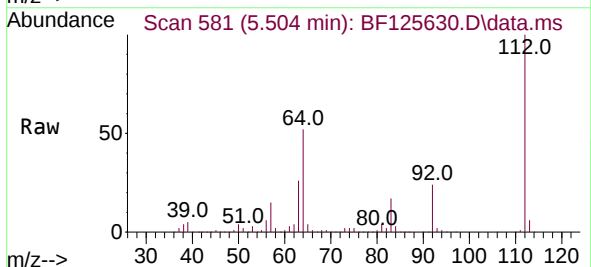
Instrument :
BNA_F
ClientSampled :

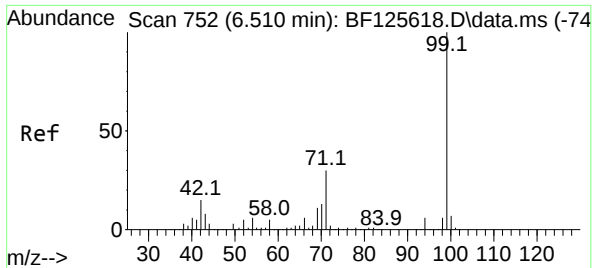
Tgt Ion:152 Resp: 201546
Ion Ratio Lower Upper
152 100
150 158.1 117.6 176.4
115 57.6 47.1 70.7



#5
2-Fluorophenol
Concen: 67.856 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125630.D
Acq: 24 Sep 2021 20:17

Tgt Ion:112 Resp: 830074
Ion Ratio Lower Upper
112 100
64 52.1 44.2 66.2
63 26.1 26.2 39.2#

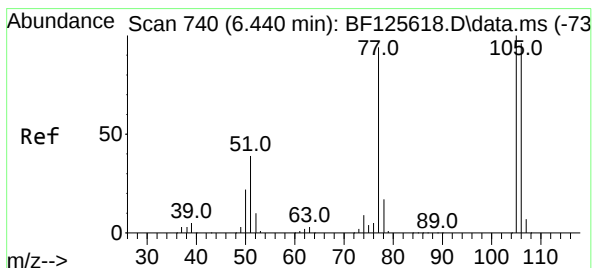
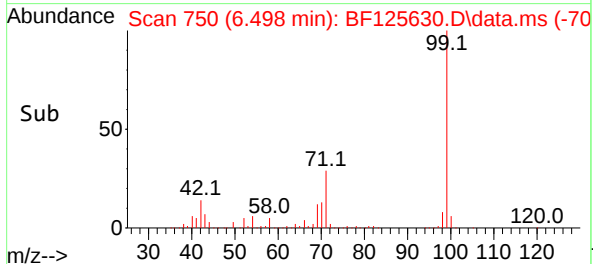
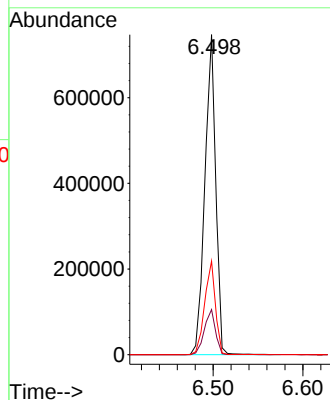
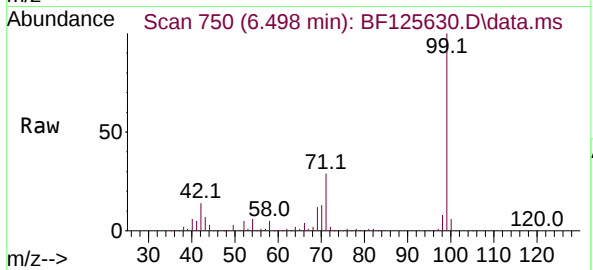




#7
Phenol-d6
Concen: 38.172 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF125630.D
Acq: 24 Sep 2021 20:17

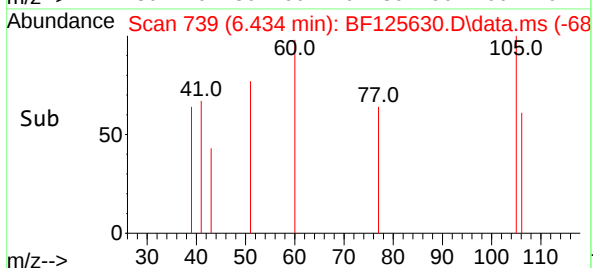
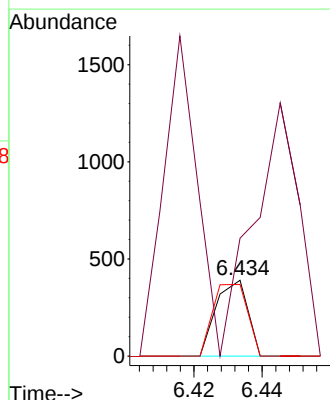
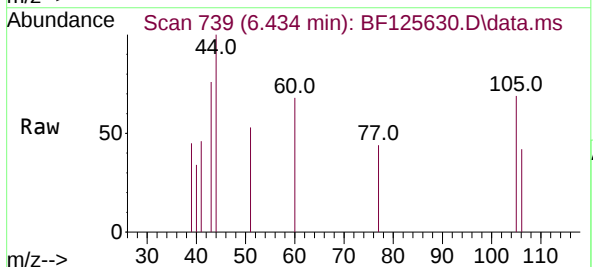
Instrument :
BNA_F
ClientSampleId :

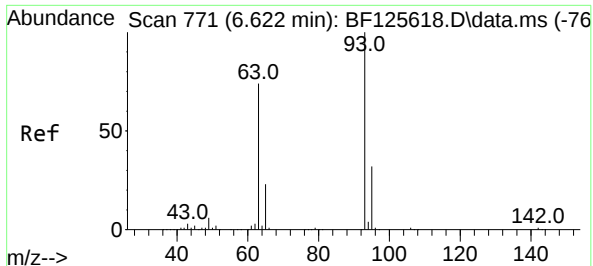
Tgt Ion: 99 Resp: 627791
Ion Ratio Lower Upper
99 100
42 14.1 23.5 35.3#
71 29.3 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.434 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF125630.D
Acq: 24 Sep 2021 20:17

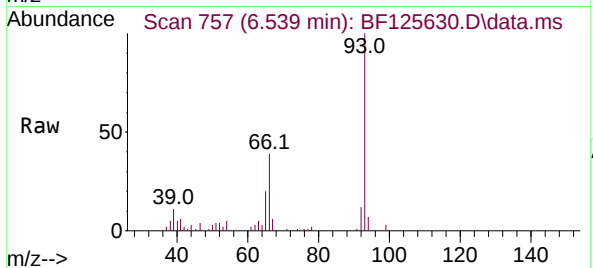
Tgt Ion: 77 Resp: 250
Ion Ratio Lower Upper
77 100
105 155.6 75.9 115.9#
106 94.6 84.0 124.0



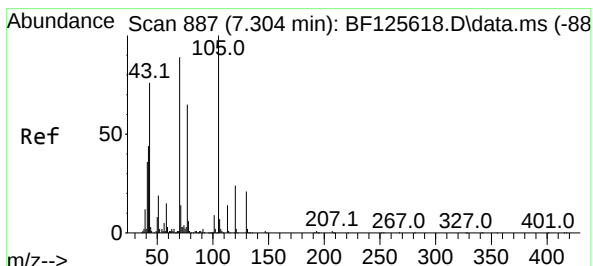
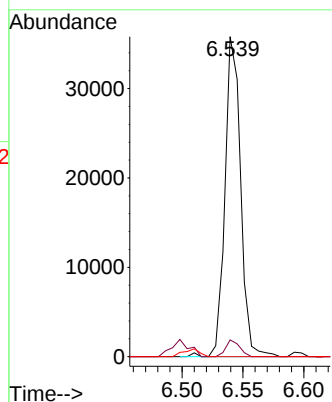
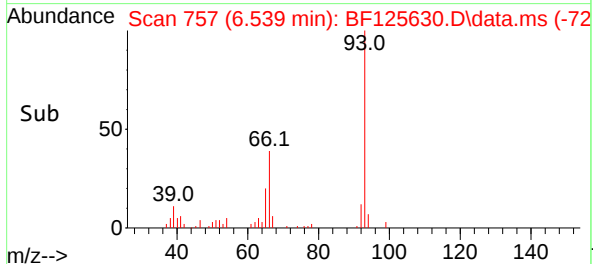


#11
bis(2-Chloroethyl)ether
Concen: 2.487 ng
RT: 6.539 min Scan# 757
Delta R.T. -0.083 min
Lab File: BF125630.D
Acq: 24 Sep 2021 20:17

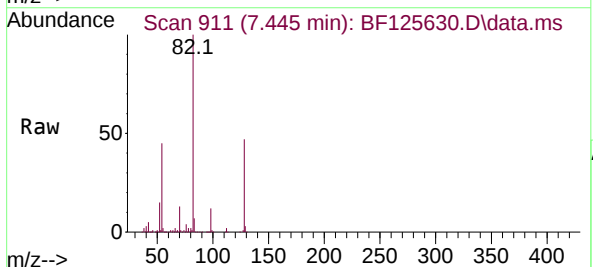
Instrument :
BNA_F
ClientSampleId :



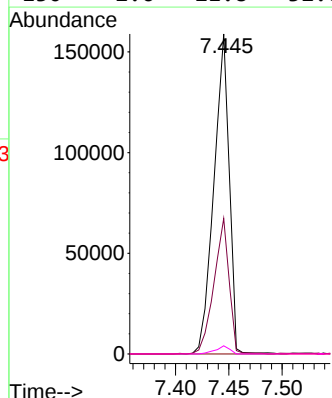
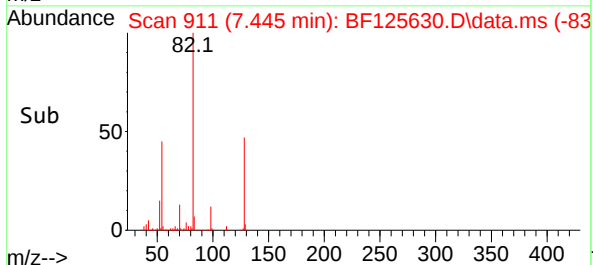
Tgt Ion: 93 Resp: 32130
Ion Ratio Lower Upper
93 100
63 5.3 54.4 94.4#
95 0.0 11.4 51.4#

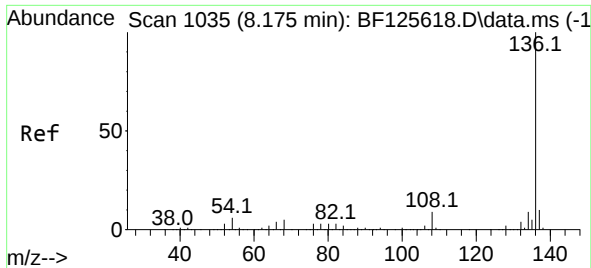


#19
n-Nitroso-di-n-propylamine
Concen: 16.912 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125630.D
Acq: 24 Sep 2021 20:17



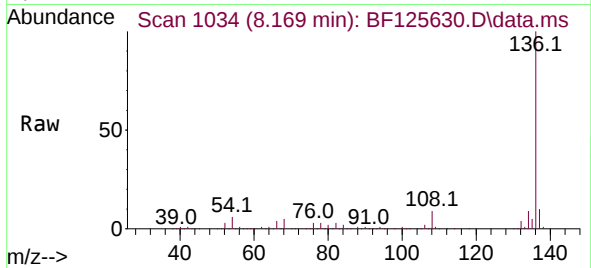
Tgt Ion: 70 Resp: 158361
Ion Ratio Lower Upper
70 100
42 42.3 72.2 108.2#
101 0.0 7.8 11.8#
130 2.6 21.8 32.6#



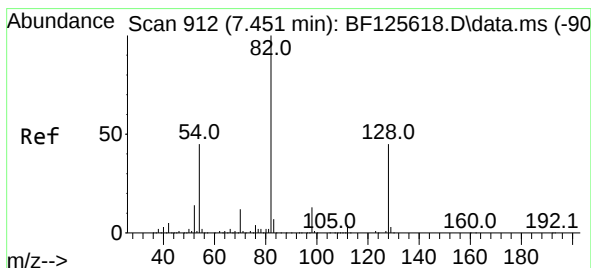
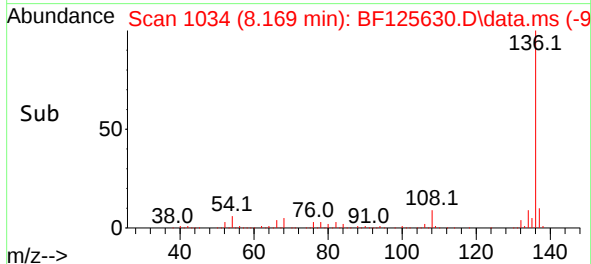
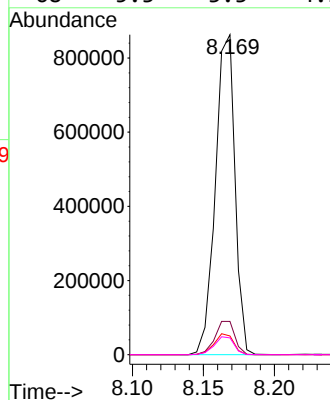


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125630.D
Acq: 24 Sep 2021 20:17

Instrument :
BNA_F
ClientSampleId :

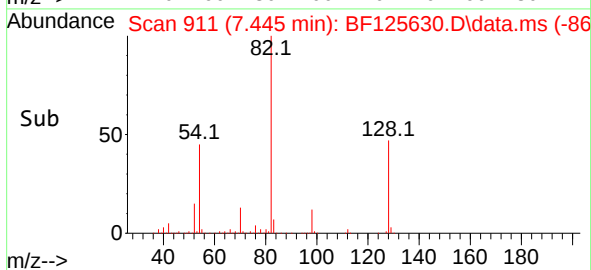
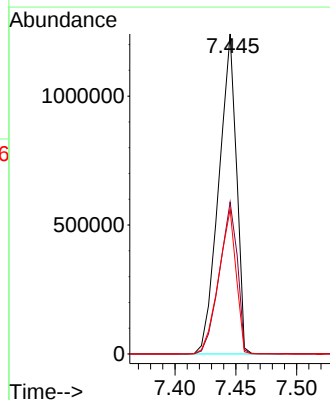
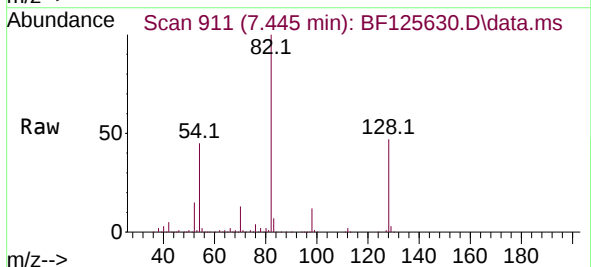


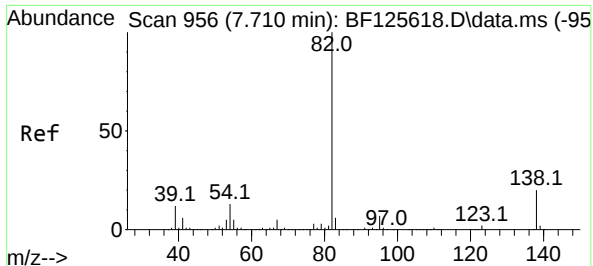
Tgt Ion:136 Resp: 828294
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 5.9 6.4 9.6#
68 5.3 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 105.873 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125630.D
Acq: 24 Sep 2021 20:17

Tgt Ion: 82 Resp: 1257260
Ion Ratio Lower Upper
82 100
128 47.4 40.6 60.8
54 45.2 49.6 74.4#

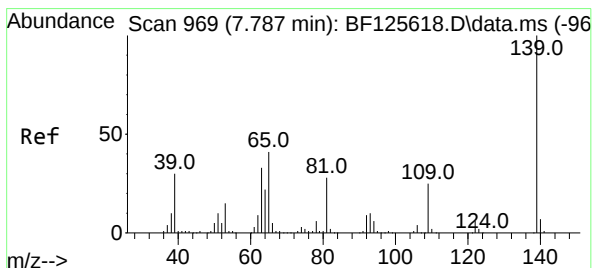
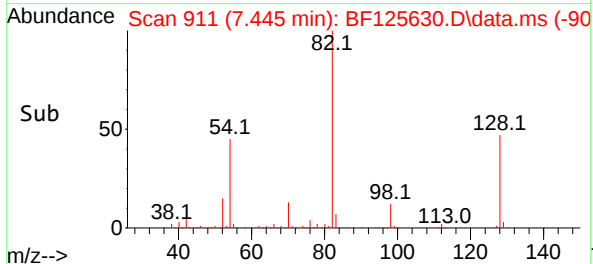
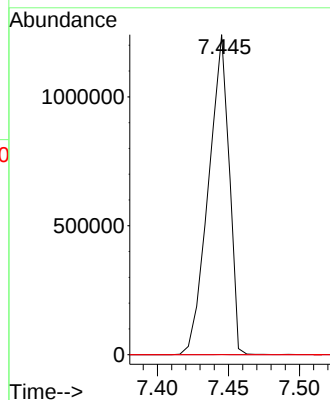
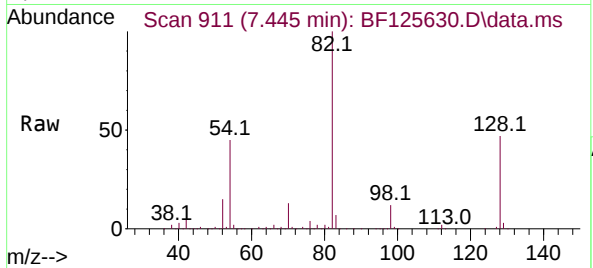




#25
Isophorone
Concen: 47.130 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125630.D
Acq: 24 Sep 2021 20:17

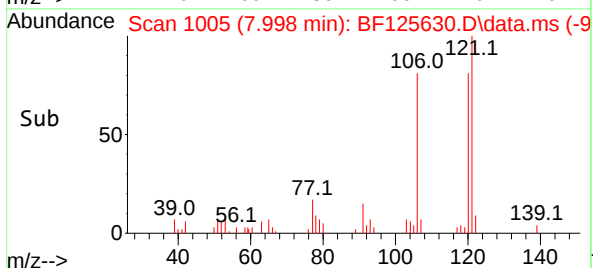
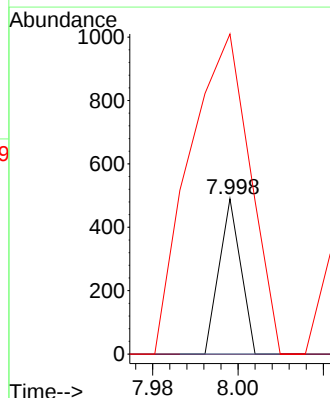
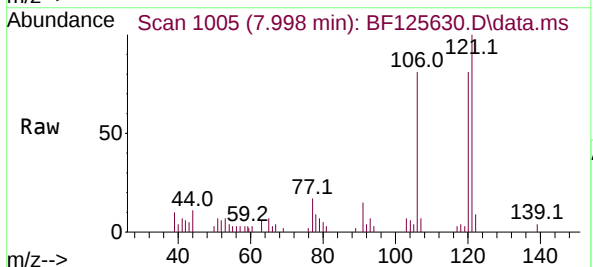
Instrument :
BNA_F
ClientSampleId :

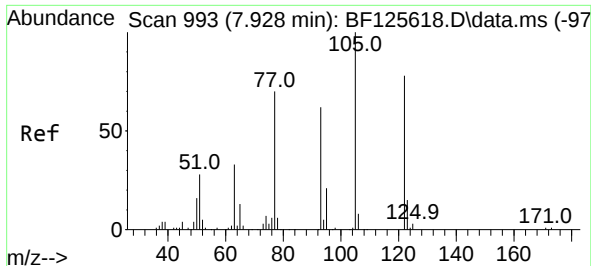
Tgt Ion: 82 Resp: 1253423
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#26
2-Nitrophenol
Concen: 5.758 ng
RT: 7.998 min Scan# 1005
Delta R.T. 0.211 min
Lab File: BF125630.D
Acq: 24 Sep 2021 20:17

Tgt Ion:139 Resp: 173
Ion Ratio Lower Upper
139 100
109 0.0 26.0 39.0#
65 206.1 31.0 46.4#

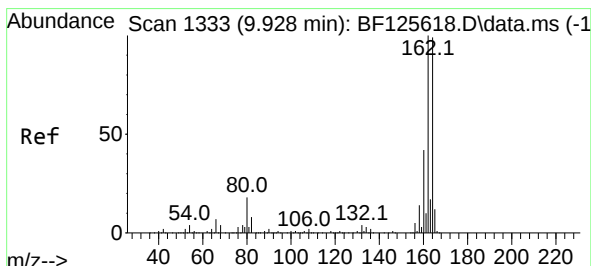
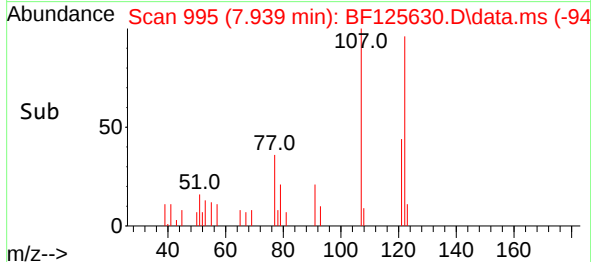
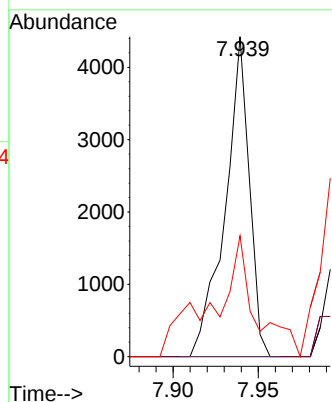
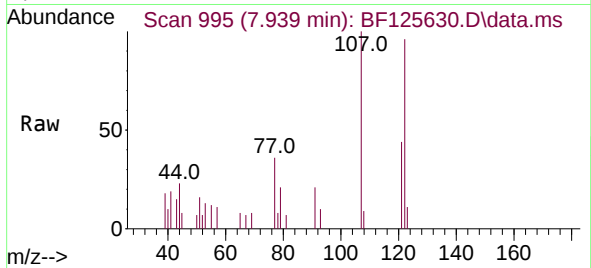




#32
Benzoic acid
Concen: 9.041 ng
RT: 7.939 min Scan# 995
Delta R.T. 0.011 min
Lab File: BF125630.D
Acq: 24 Sep 2021 20:17

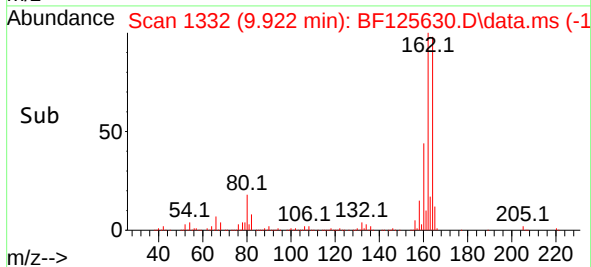
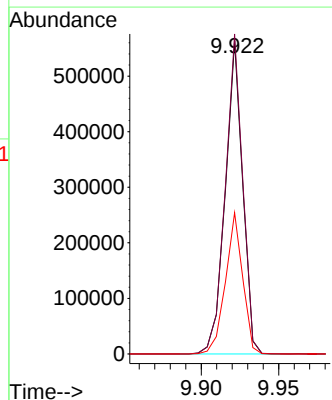
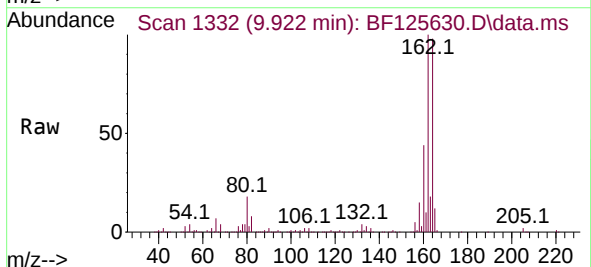
Instrument :
BNA_F
ClientSampleId :

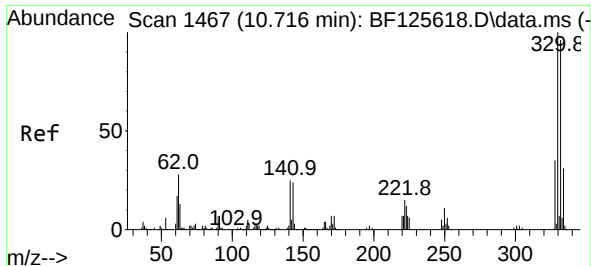
Tgt Ion:122 Resp: 4365
Ion Ratio Lower Upper
122 100
105 0.0 97.6 137.6#
77 37.8 59.6 99.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125630.D
Acq: 24 Sep 2021 20:17

Tgt Ion:164 Resp: 439202
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 45.1 38.0 57.0

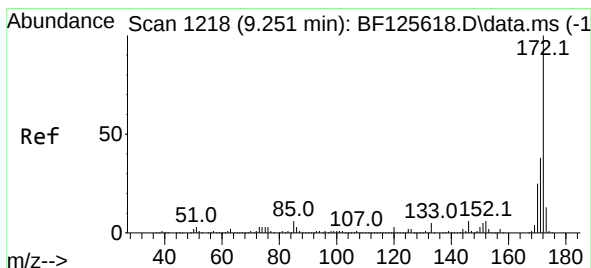
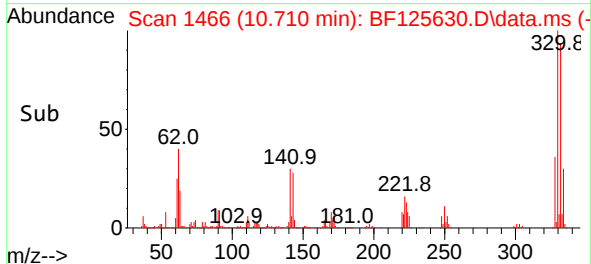
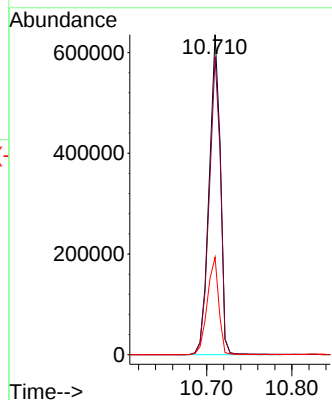
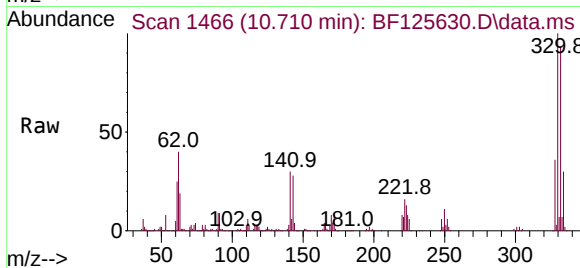




#42
2,4,6-Tribromophenol
Concen: 141.516 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125630.D
Acq: 24 Sep 2021 20:17

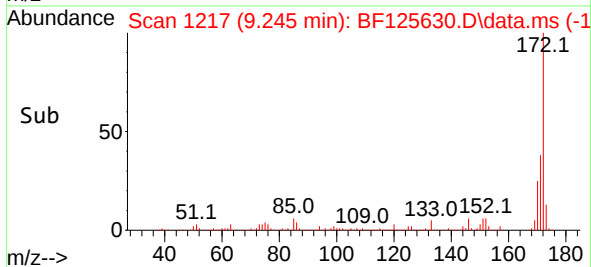
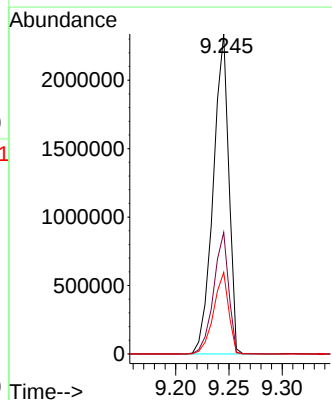
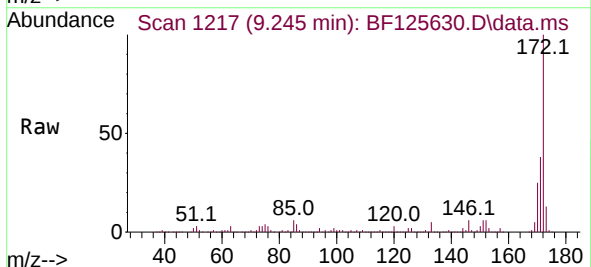
Instrument :
BNA_F
ClientSampleId :

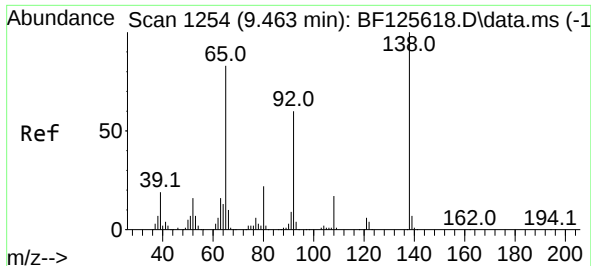
Tgt Ion: 330 Resp: 579504
Ion Ratio Lower Upper
330 100
332 93.9 76.2 114.4
141 31.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 99.164 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125630.D
Acq: 24 Sep 2021 20:17

Tgt Ion: 172 Resp: 2369397
Ion Ratio Lower Upper
172 100
171 38.0 26.5 39.7
170 25.5 18.8 28.2

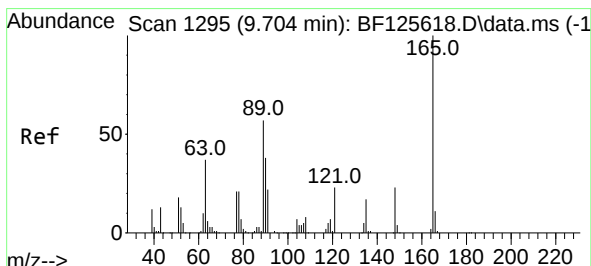
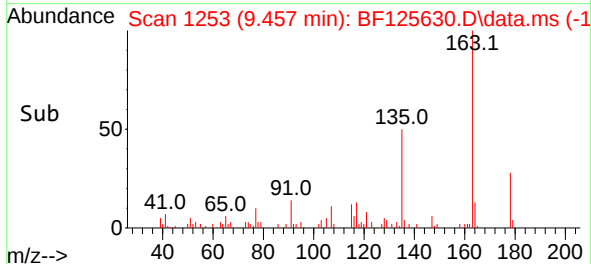
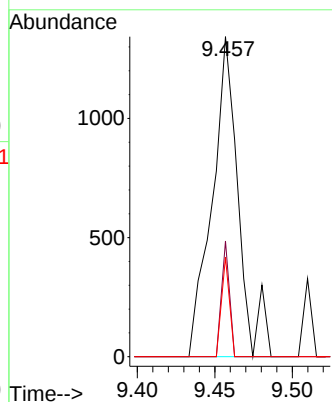
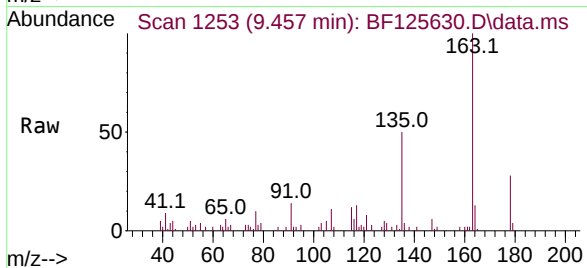




#48
2-Nitroaniline
Concen: 4.385 ng
RT: 9.457 min Scan# 1253
Delta R.T. -0.006 min
Lab File: BF125630.D
Acq: 24 Sep 2021 20:17

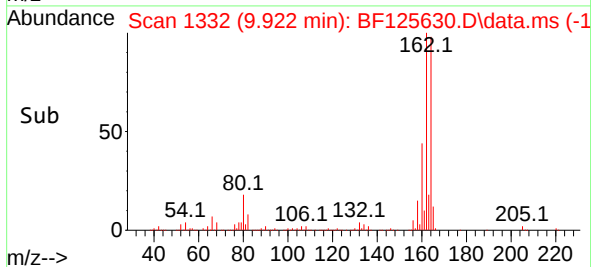
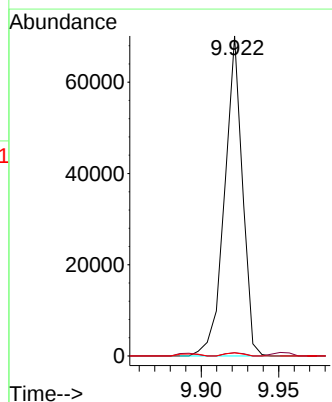
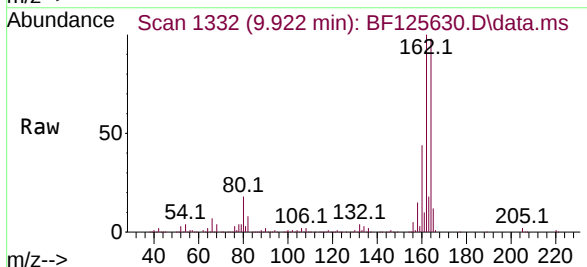
Instrument :
BNA_F
ClientSampleId :

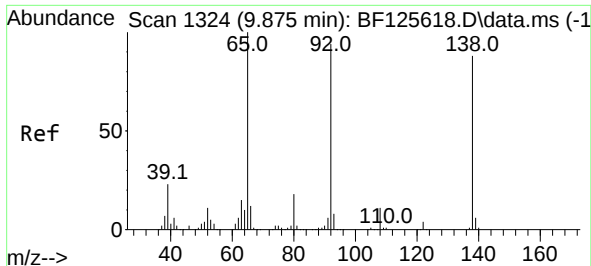
Tgt Ion: 65 Resp: 1578
Ion Ratio Lower Upper
65 100
92 36.2 55.5 83.3#
138 31.1 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 12.622 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125630.D
Acq: 24 Sep 2021 20:17

Tgt Ion:165 Resp: 56075
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.0 40.6 60.8#

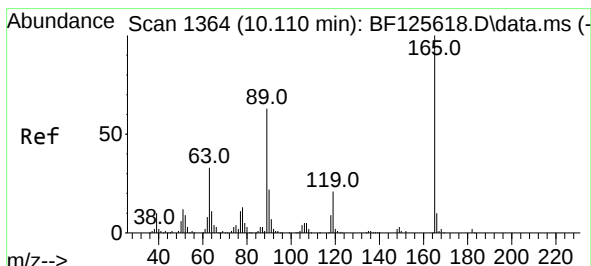
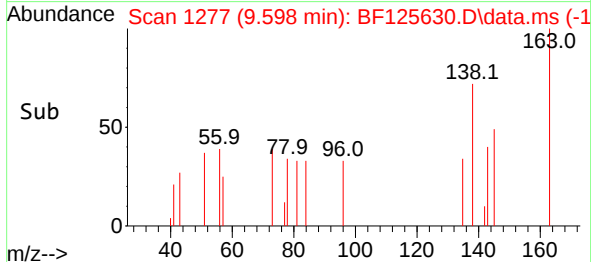
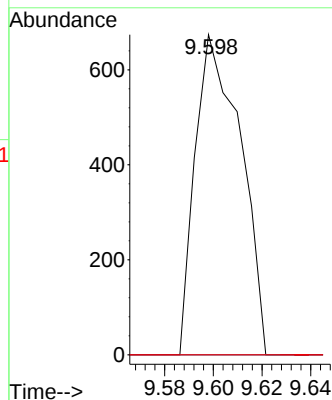
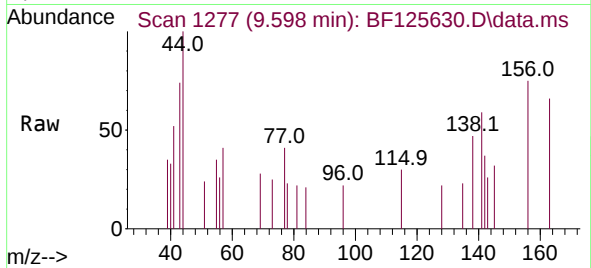




#53
3-Nitroaniline
Concen: 3.261 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.277 min
Lab File: BF125630.D
Acq: 24 Sep 2021 20:17

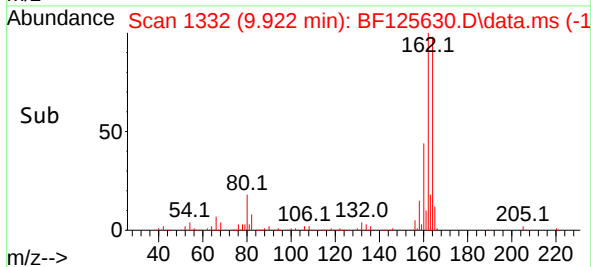
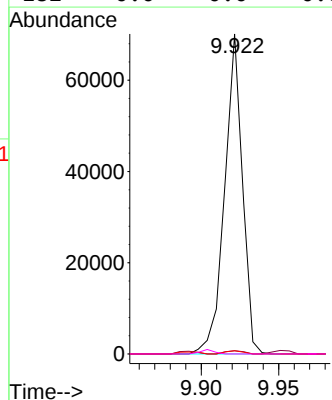
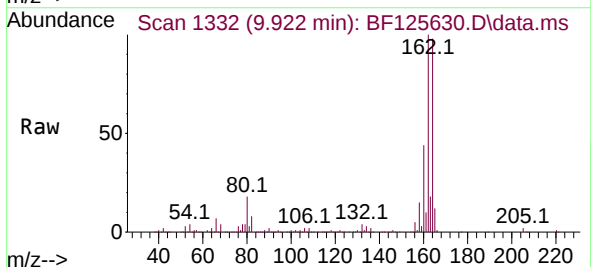
Instrument :
BNA_F
ClientSampleId :

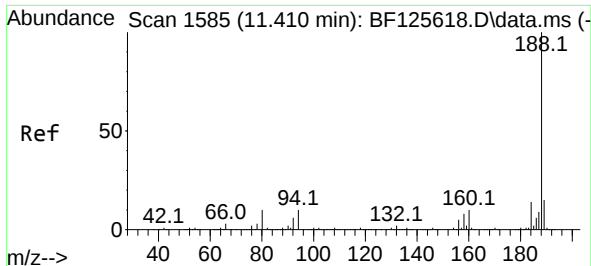
Tgt Ion:138 Resp: 870
Ion Ratio Lower Upper
138 100
108 0.0 9.3 13.9#
92 0.0 76.5 114.7#



#57
2,4-Dinitrotoluene
Concen: 11.515 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125630.D
Acq: 24 Sep 2021 20:17

Tgt Ion:165 Resp: 56075
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

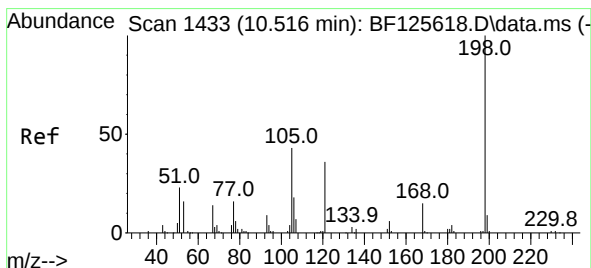
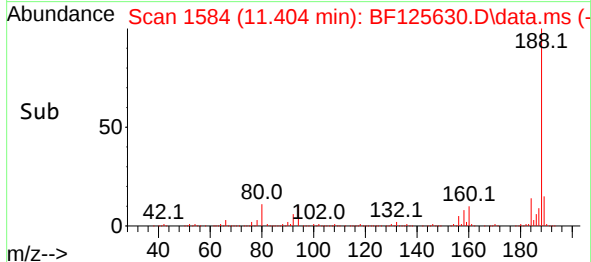
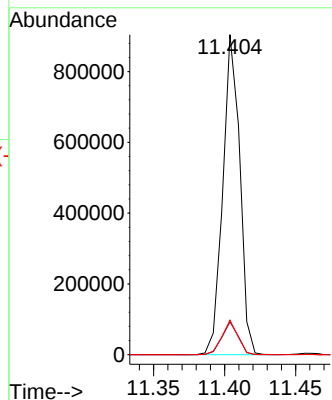
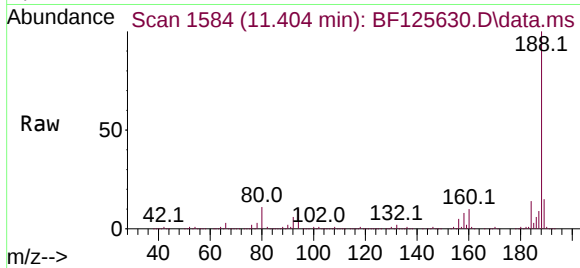




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125630.D
Acq: 24 Sep 2021 20:17

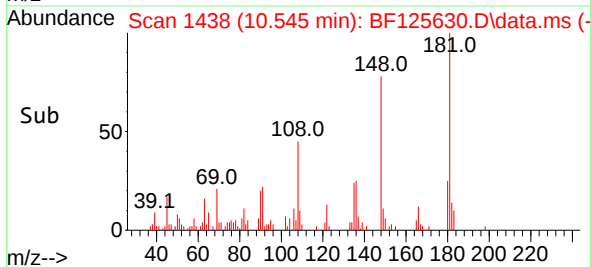
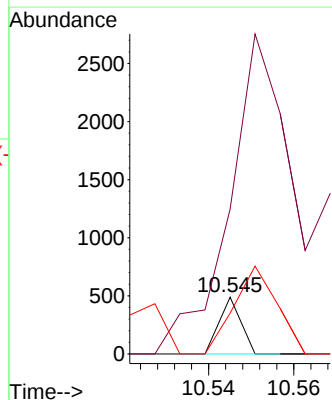
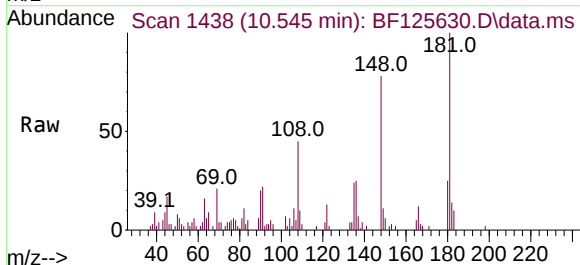
Instrument :
BNA_F
ClientSampled :

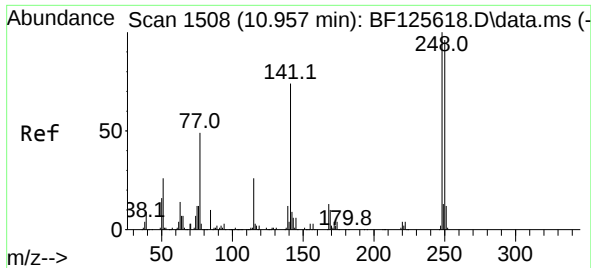
Tgt Ion:188 Resp: 748298
Ion Ratio Lower Upper
188 100
94 10.3 6.7 10.1#
80 10.8 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.052 ng
RT: 10.545 min Scan# 1438
Delta R.T. 0.029 min
Lab File: BF125630.D
Acq: 24 Sep 2021 20:17

Tgt Ion:198 Resp: 172
Ion Ratio Lower Upper
198 100
51 255.3 45.3 85.3#
105 71.9 30.6 70.6#

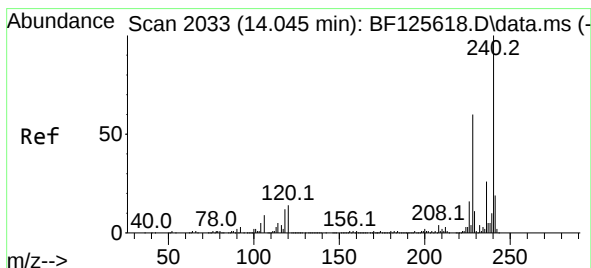
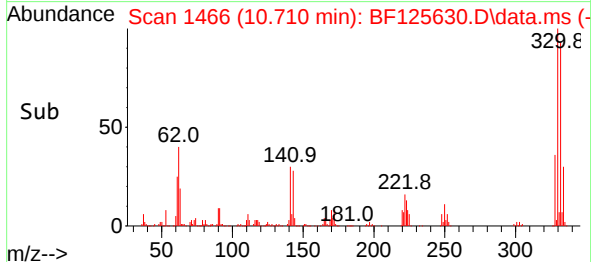
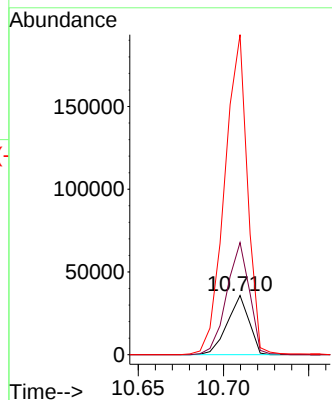
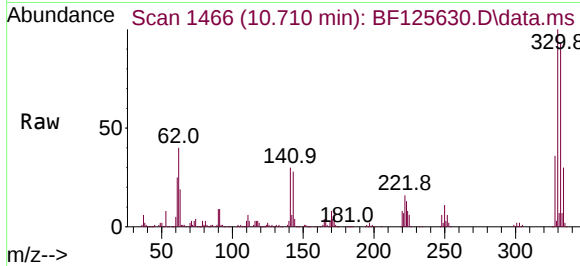




#67
4-Bromophenyl-phenylether
Concen: 4.047 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125630.D
Acq: 24 Sep 2021 20:17

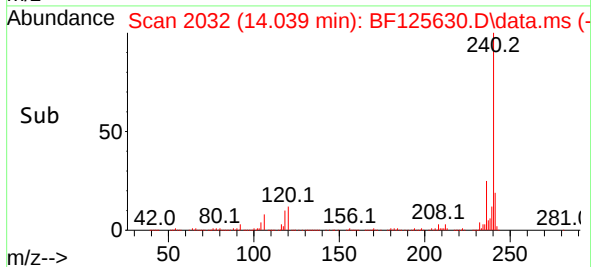
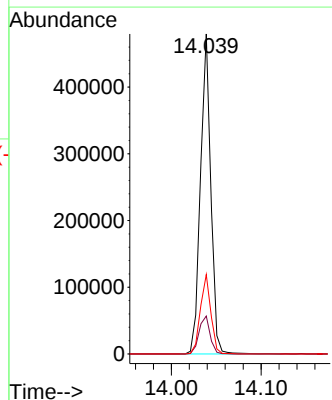
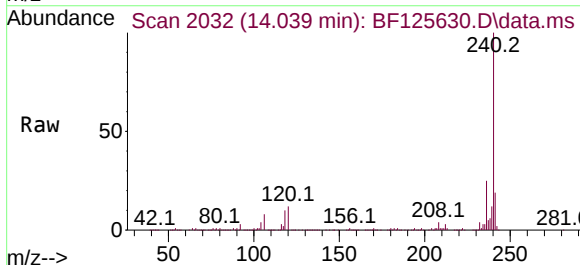
Instrument :
BNA_F
ClientSampleId :

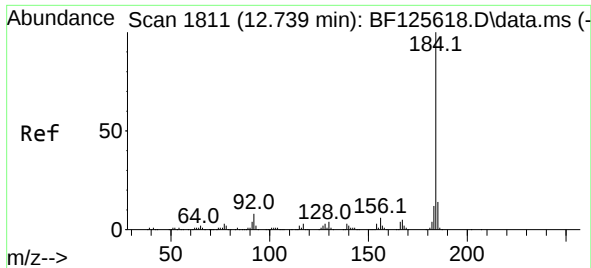
Tgt Ion:248 Resp: 31783
Ion Ratio Lower Upper
248 100
250 189.7 74.2 111.4#
141 541.0 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125630.D
Acq: 24 Sep 2021 20:17

Tgt Ion:240 Resp: 383250
Ion Ratio Lower Upper
240 100
120 11.8 10.8 16.2
236 24.8 21.6 32.4

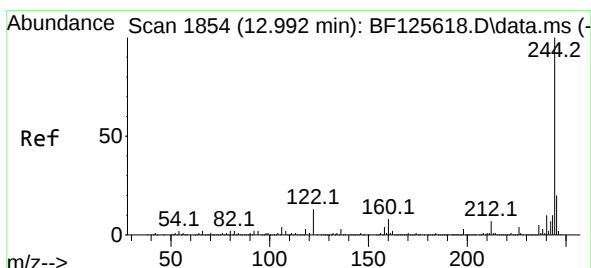
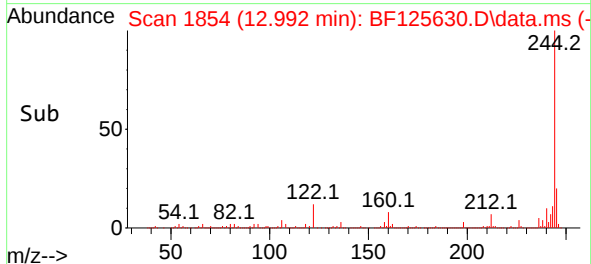
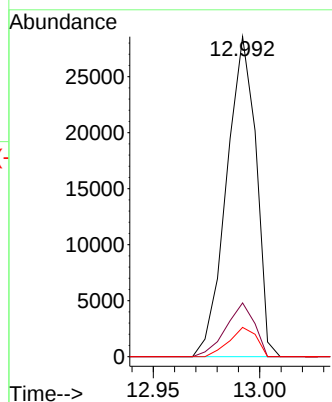
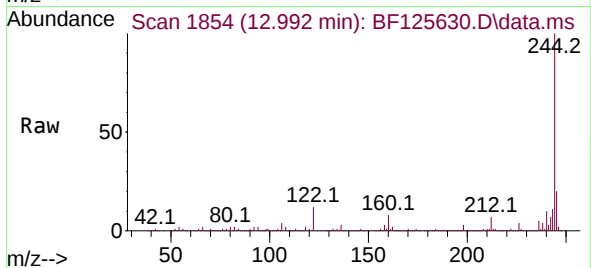




#77
Benzidine
Concen: 2.738 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF125630.D
Acq: 24 Sep 2021 20:17

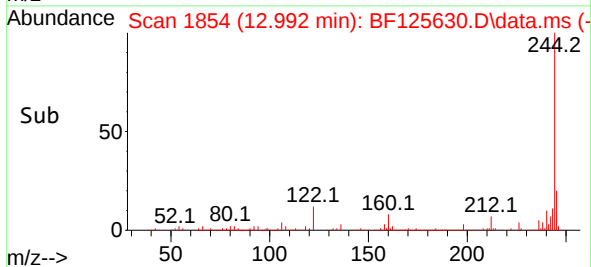
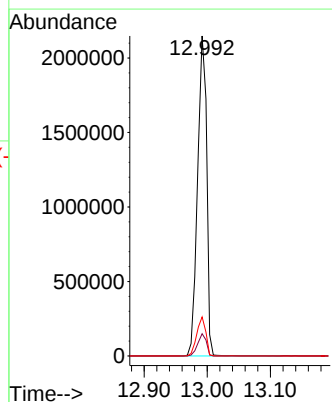
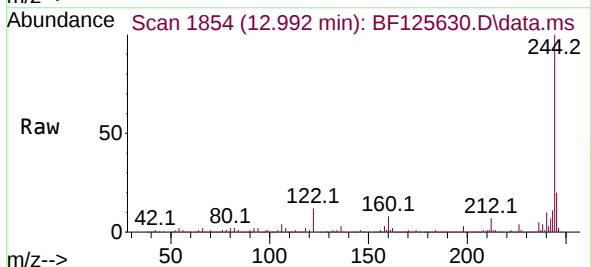
Instrument :
BNA_F
ClientSampled :

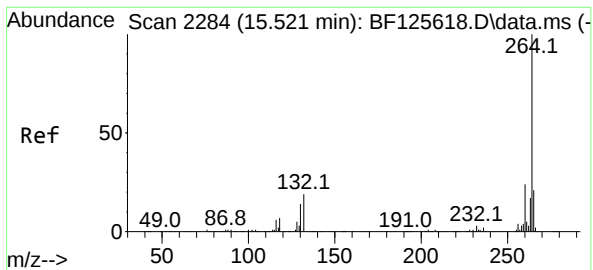
Tgt Ion:184 Resp: 27564
Ion Ratio Lower Upper
184 100
185 16.8 10.8 16.2#
183 9.2 8.1 12.1



#79
Terphenyl-d14
Concen: 96.788 ng
RT: 12.992 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF125630.D
Acq: 24 Sep 2021 20:17

Tgt Ion:244 Resp: 2141986
Ion Ratio Lower Upper
244 100
212 7.0 5.9 8.9
122 12.2 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF125630.D
 Acq: 24 Sep 2021 20:17

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:264	Resp:	397513
Ion	Ratio	Lower Upper
264	100	
260	24.3	19.6 29.4
265	21.8	17.2 25.8

