

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081021\
 Data File : BF125036.D
 Acq On : 10 Aug 2021 18:18
 Operator : JU/CG
 Sample : M3308-05
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11930

Quant Time: Aug 11 04:14:14 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 10 11:32:36 2021
 Response via : Initial Calibration

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

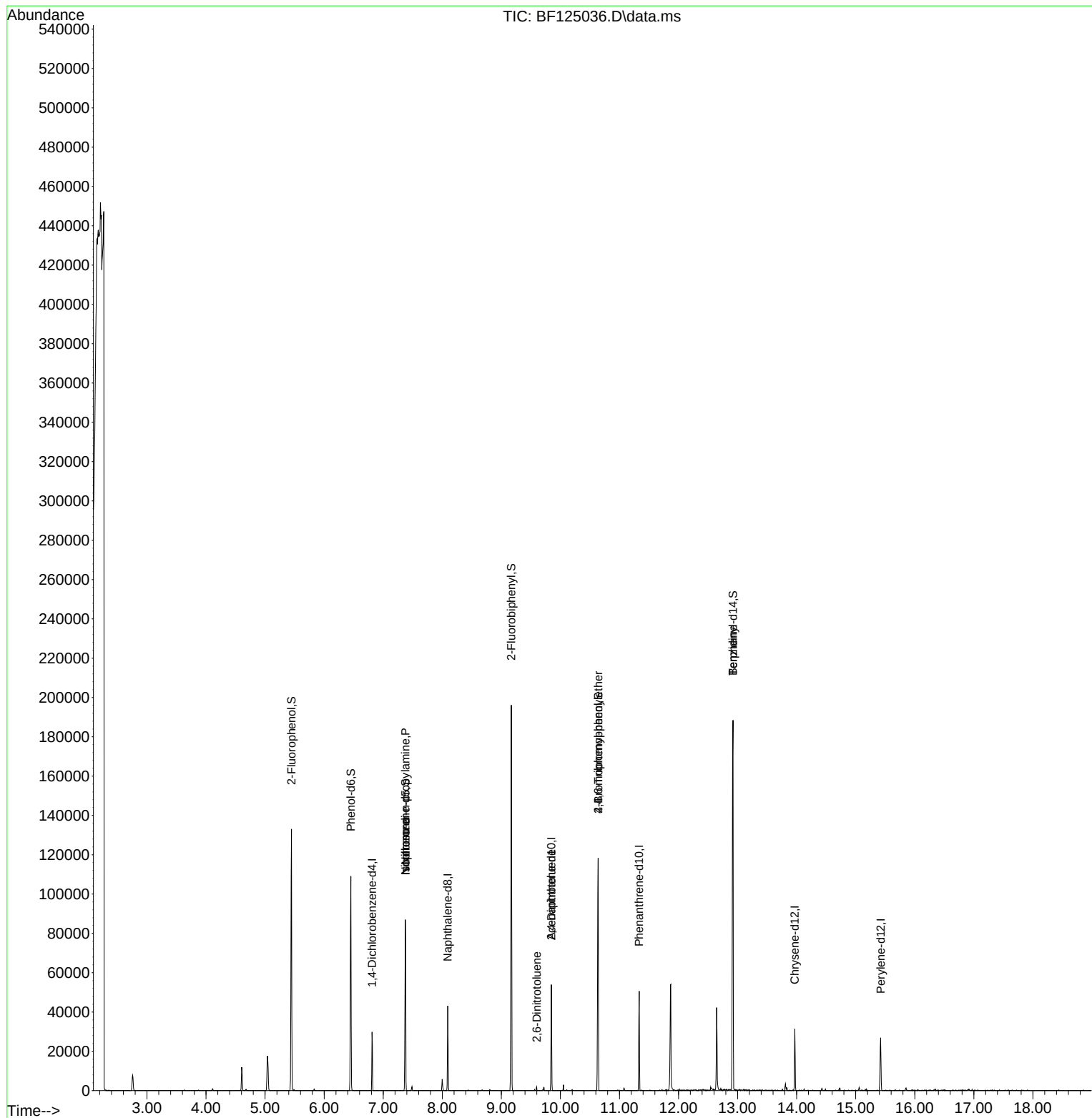
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	4154	20.000	ng	# 0.00
21) Naphthalene-d8	8.092	136	16813	20.000	ng	# 0.00
39) Acenaphthene-d10	9.845	164	10093	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	17829	20.000	ng	0.00
76) Chrysene-d12	13.969	240	11210	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	12470	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	32534	128.297	ng	0.01
7) Phenol-d6	6.451	99	30669	95.915	ng	0.00
23) Nitrobenzene-d5	7.375	82	29484	91.738	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	12241	135.754	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	53144	77.046	ng	0.00
79) Terphenyl-d14	12.922	244	64542	97.119	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.375	70	4067	21.436	ng	# 61
25) Isophorone	7.375	82	29484	53.750	ng	# 59
51) 2,6-Dinitrotoluene	9.598	165	367	2.410	ng	# 26
57) 2,4-Dinitrotoluene	9.845	165	1214	5.871	ng	# 18
67) 4-Bromophenyl-phenylether	10.639	248	1020	5.223	ng	# 1
77) Benzidine	12.922	184	928	3.094	ng	# 69

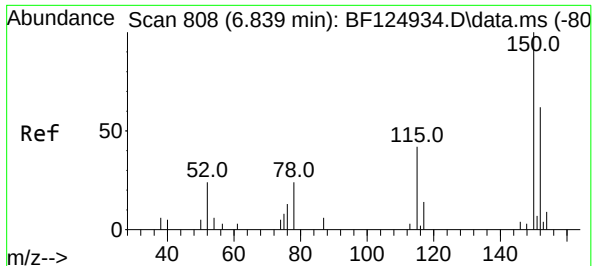
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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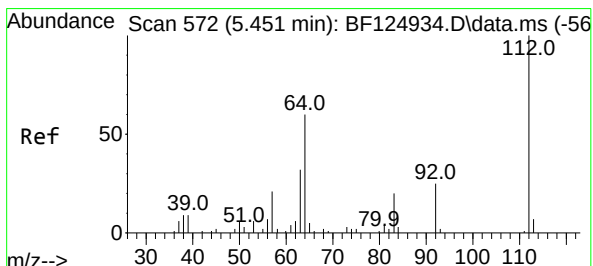
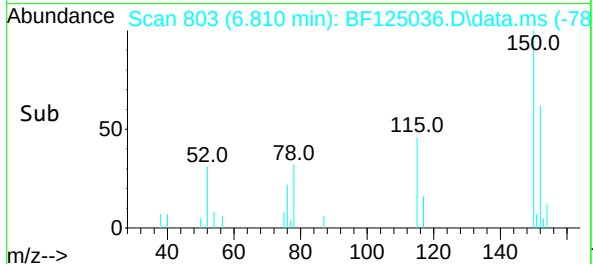
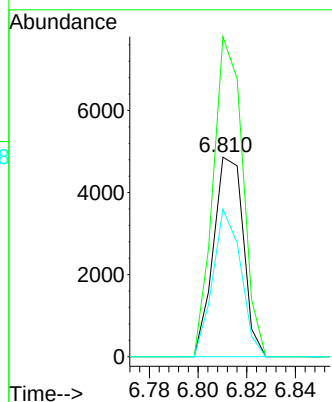
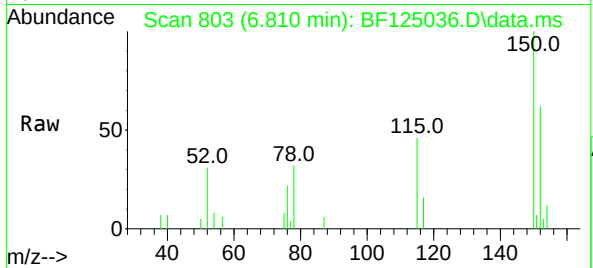




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF125036.D
Acq: 10 Aug 2021 18:18

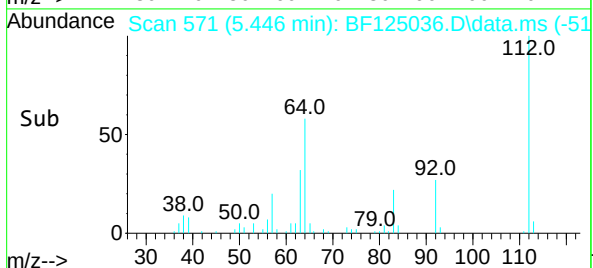
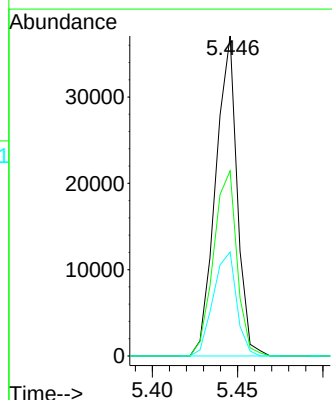
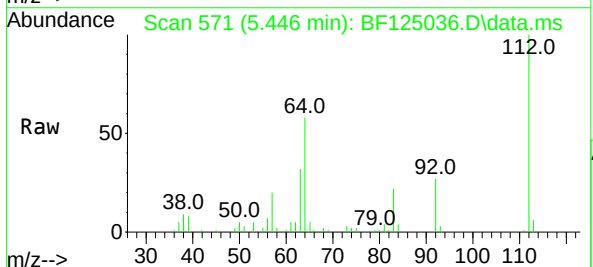
Instrument :
BNA_F
ClientSampleId :
72-11930

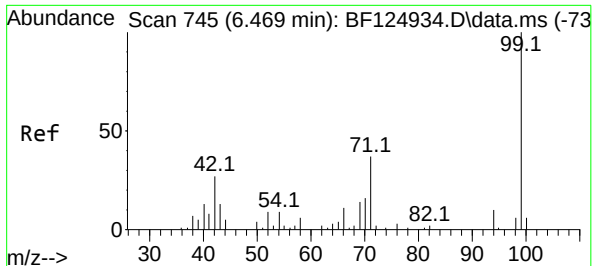
Tgt Ion:152 Resp: 4154
Ion Ratio Lower Upper
152 100
150 160.4 117.6 176.4
115 73.8 47.1 70.7#



#5
2-Fluorophenol
Concen: 128.297 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.012 min
Lab File: BF125036.D
Acq: 10 Aug 2021 18:18

Tgt Ion:112 Resp: 32534
Ion Ratio Lower Upper
112 100
64 57.8 44.2 66.2
63 32.5 26.2 39.2

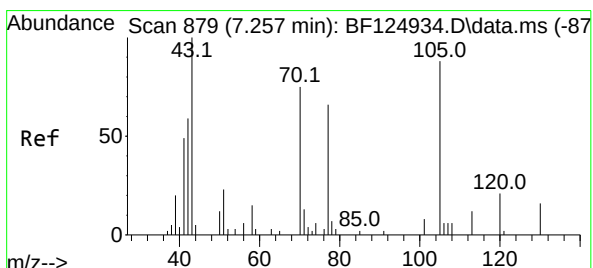
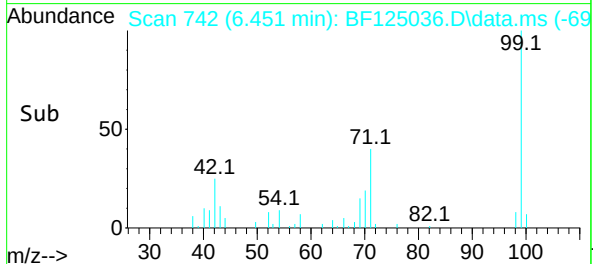
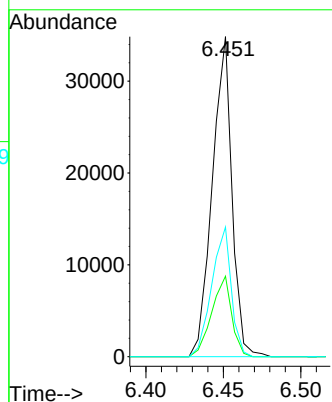
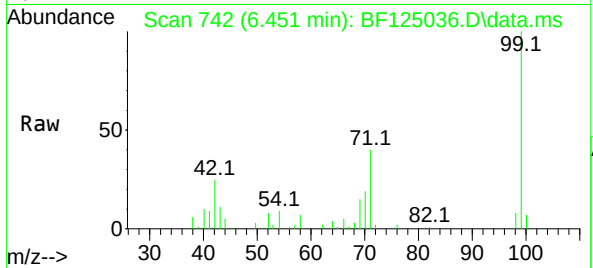




#7
Phenol-d6
Concen: 95.915 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF125036.D
Acq: 10 Aug 2021 18:18

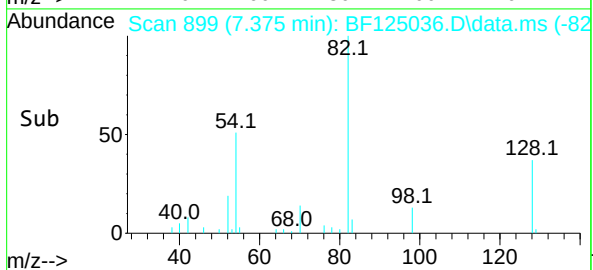
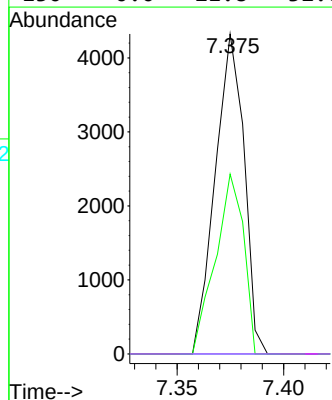
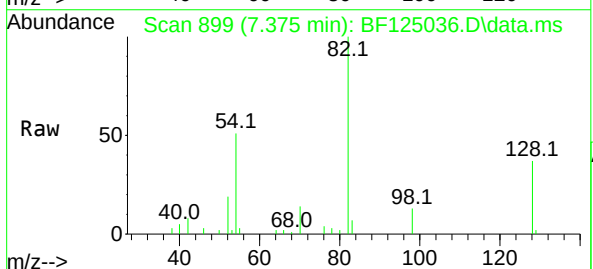
Instrument :
BNA_F
ClientSampleId :
72-11930

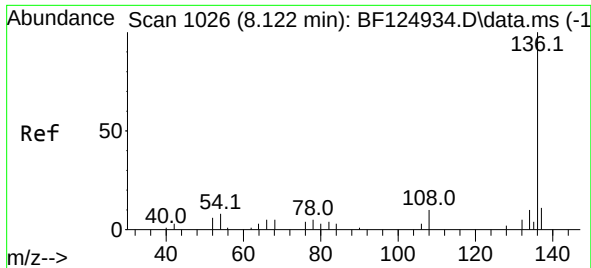
Tgt Ion: 99 Resp: 30669
Ion Ratio Lower Upper
99 100
42 25.1 23.5 35.3
71 40.5 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 21.436 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.147 min
Lab File: BF125036.D
Acq: 10 Aug 2021 18:18

Tgt Ion: 70 Resp: 4067
Ion Ratio Lower Upper
70 100
42 56.2 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#

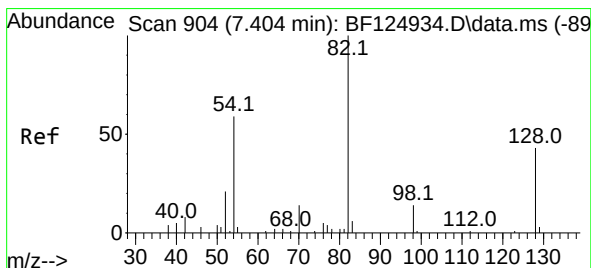
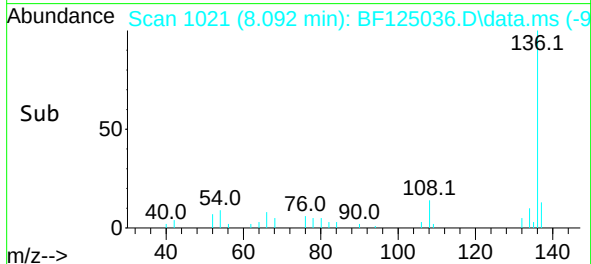
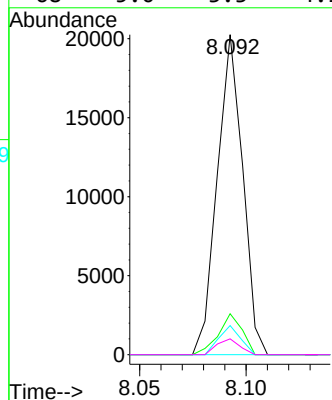
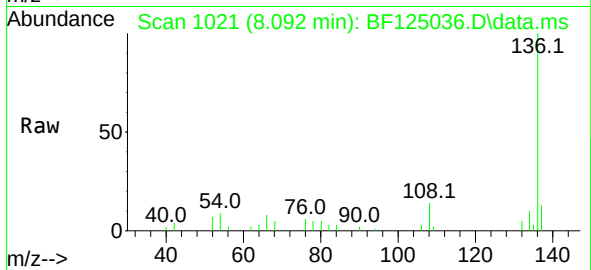




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF125036.D
Acq: 10 Aug 2021 18:18

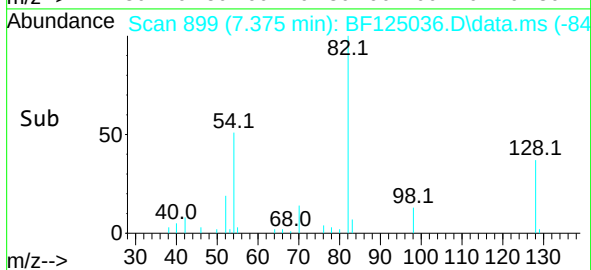
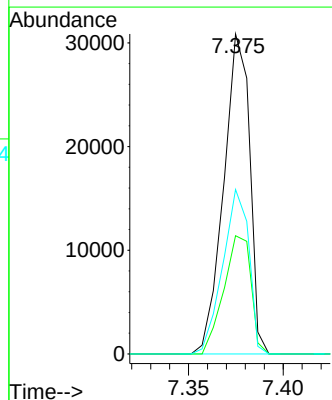
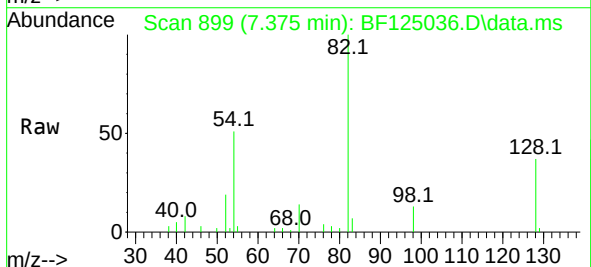
Instrument :
BNA_F
ClientSampled :
72-11930

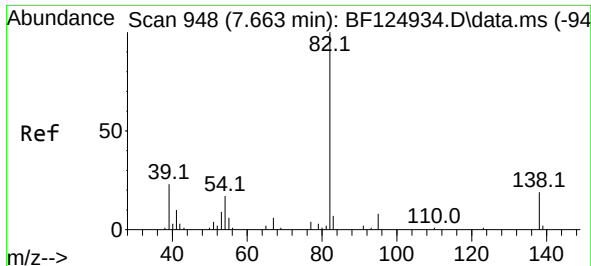
Tgt Ion:136	Resp:	16813
Ion Ratio	Lower	Upper
136	100	
137	12.8	9.8 14.6
54	9.1	6.4 9.6
68	5.0	3.3 4.9#



#23
Nitrobenzene-d5
Concen: 91.738 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF125036.D
Acq: 10 Aug 2021 18:18

Tgt Ion: 82	Resp:	29484
Ion Ratio	Lower	Upper
82	100	
128	36.9	40.6 60.8#
54	51.4	49.6 74.4

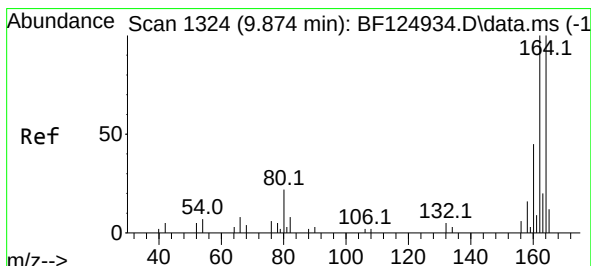
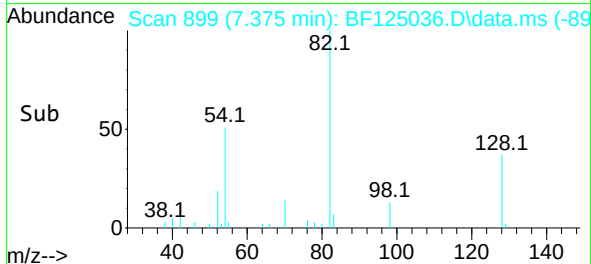
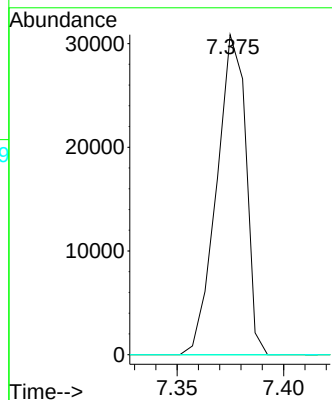
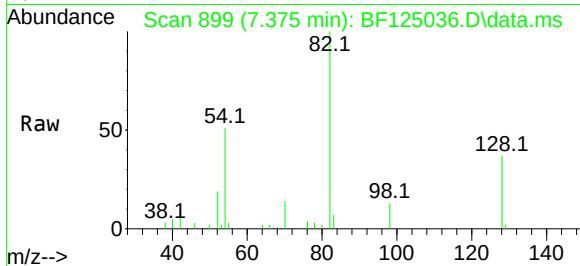




#25
Isophorone
Concen: 53.750 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.265 min
Lab File: BF125036.D
Acq: 10 Aug 2021 18:18

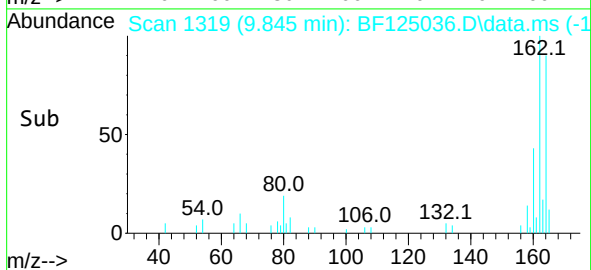
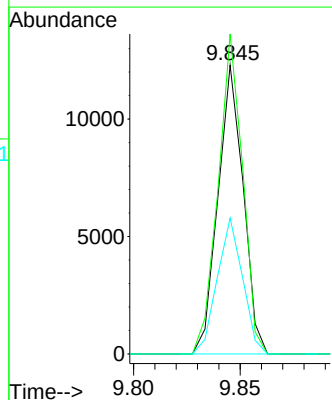
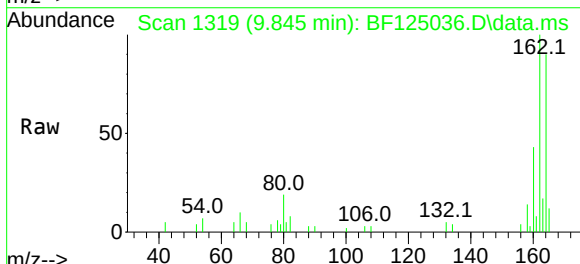
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ClientSampleId :
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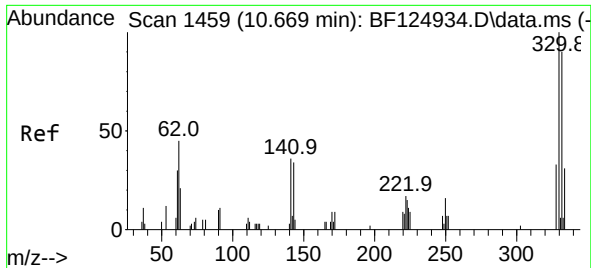
Tgt Ion: 82 Resp: 29484
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF125036.D
Acq: 10 Aug 2021 18:18

Tgt Ion:164 Resp: 10093
Ion Ratio Lower Upper
164 100
162 110.8 81.3 121.9
160 47.1 38.0 57.0

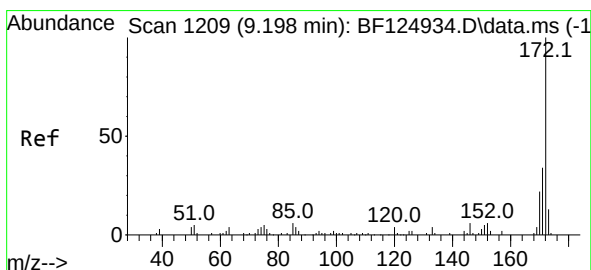
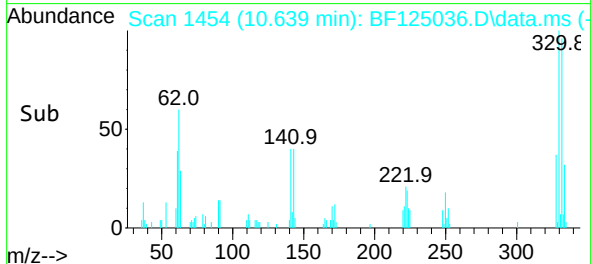
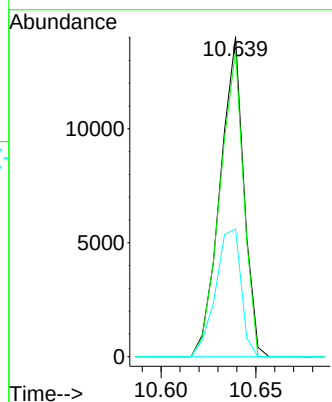
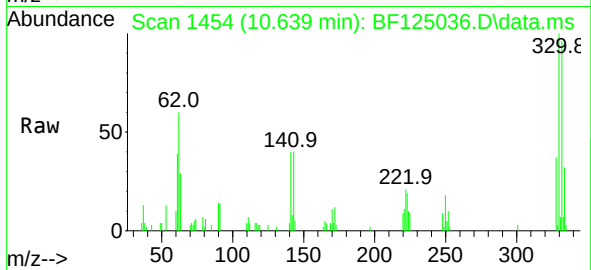




#42
2,4,6-Tribromophenol
Concen: 135.754 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF125036.D
Acq: 10 Aug 2021 18:18

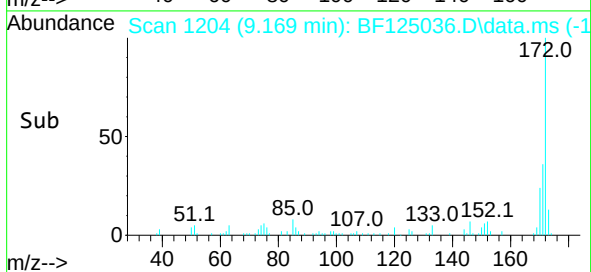
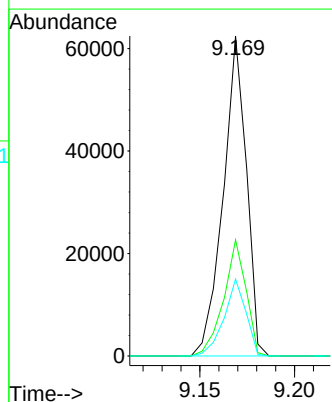
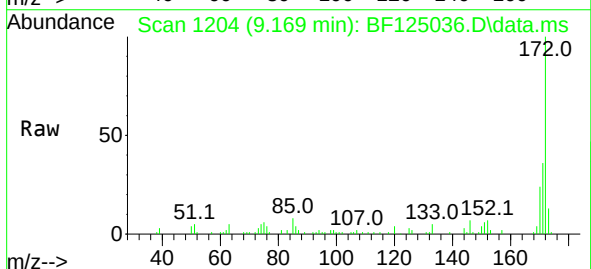
Instrument :
BNA_F
ClientSampled :
72-11930

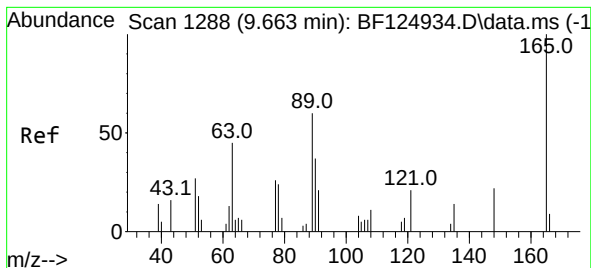
Tgt Ion: 330 Resp: 12241
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 42.9 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 77.046 ng
RT: 9.169 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF125036.D
Acq: 10 Aug 2021 18:18

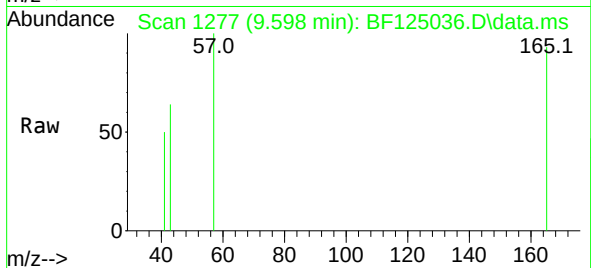
Tgt Ion: 172 Resp: 53144
Ion Ratio Lower Upper
172 100
171 36.3 26.5 39.7
170 24.1 18.8 28.2



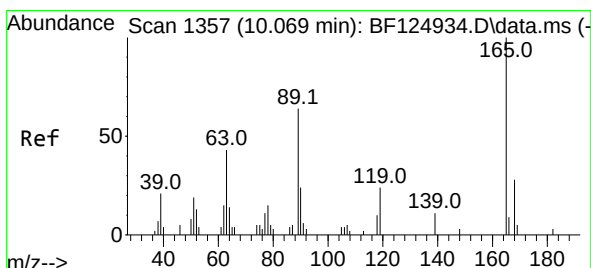
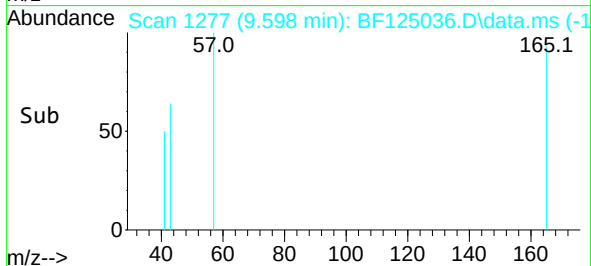
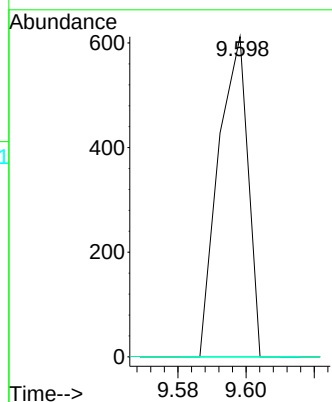


#51
2,6-Dinitrotoluene
Concen: 2.410 ng
RT: 9.598 min Scan# 1277
Delta R.T. -0.041 min
Lab File: BF125036.D
Acq: 10 Aug 2021 18:18

Instrument :
BNA_F
ClientSampleId :
72-11930

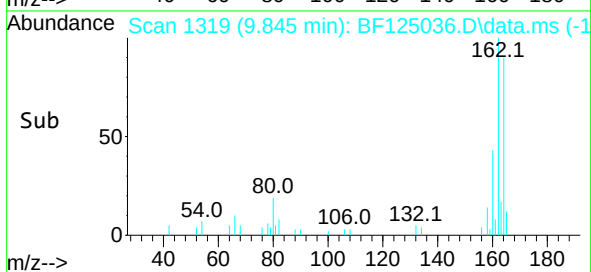
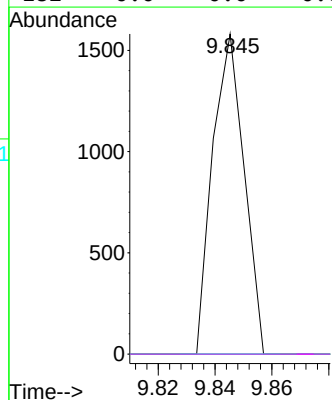
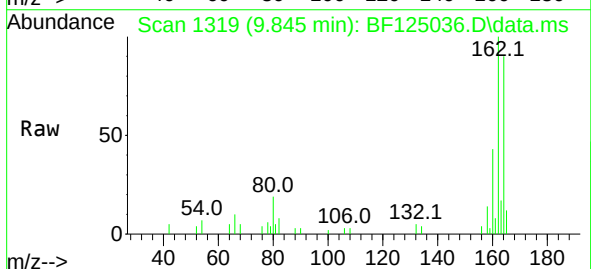


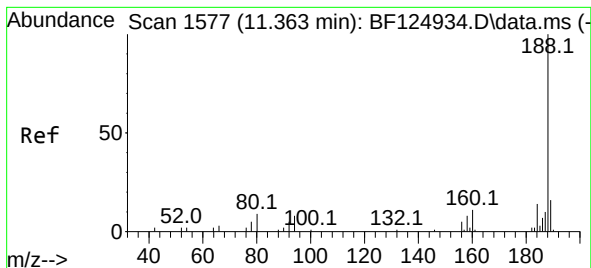
Tgt Ion:165 Resp: 367
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 5.871 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.200 min
Lab File: BF125036.D
Acq: 10 Aug 2021 18:18

Tgt Ion:165 Resp: 1214
Ion Ratio Lower Upper
165 100
63 0.0 40.9 61.3#
89 0.0 59.7 89.5#
182 0.0 0.0 0.0

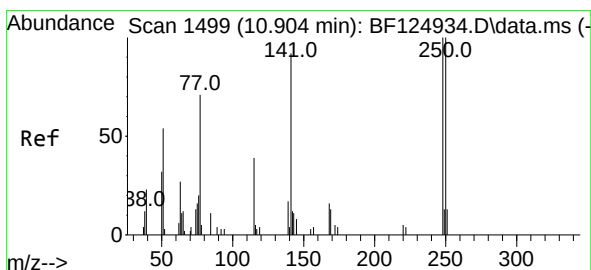
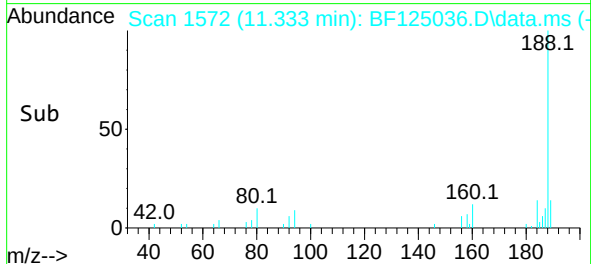
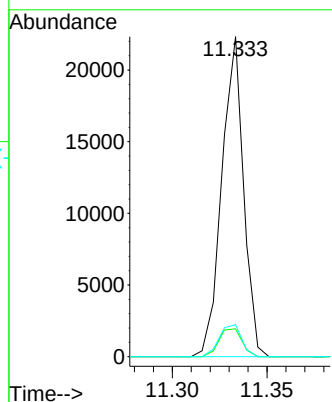
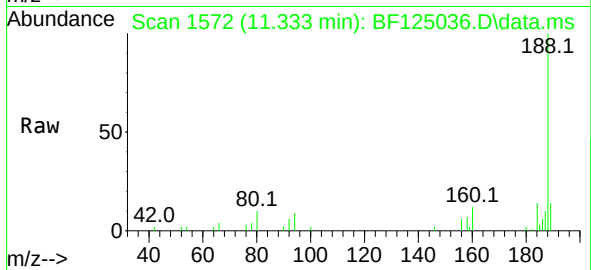




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF125036.D
Acq: 10 Aug 2021 18:18

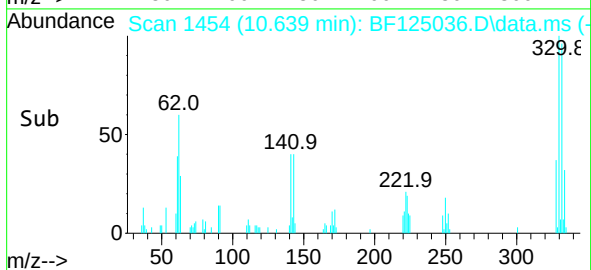
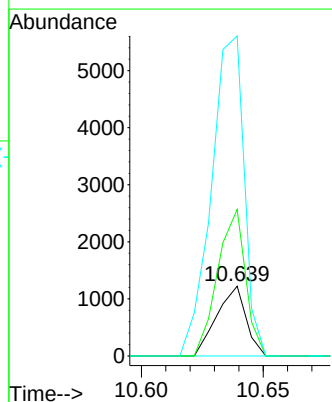
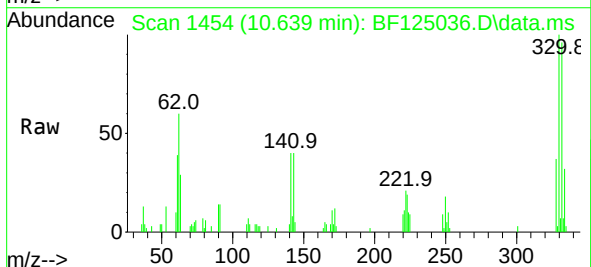
Instrument :
BNA_F
ClientSampleId :
72-11930

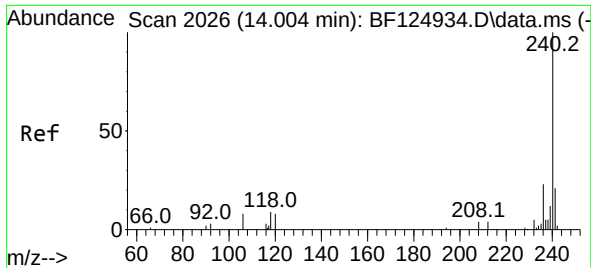
Tgt Ion:188 Resp: 17829
Ion Ratio Lower Upper
188 100
94 8.7 6.7 10.1
80 10.0 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 5.223 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.241 min
Lab File: BF125036.D
Acq: 10 Aug 2021 18:18

Tgt Ion:248 Resp: 1020
Ion Ratio Lower Upper
248 100
250 209.9 74.2 111.4#
141 458.5 60.4 90.6#

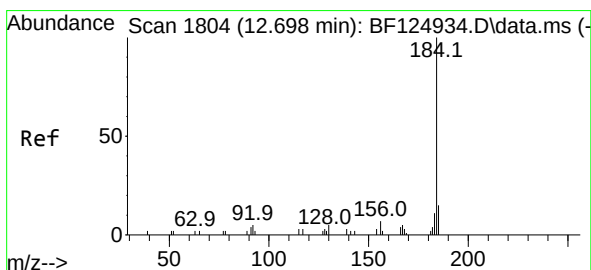
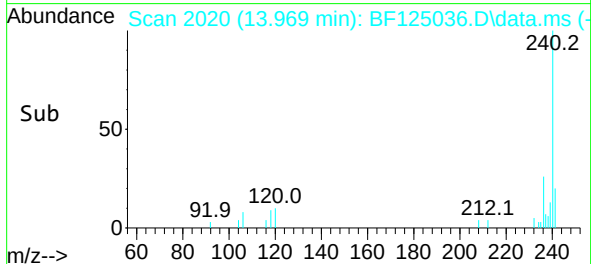
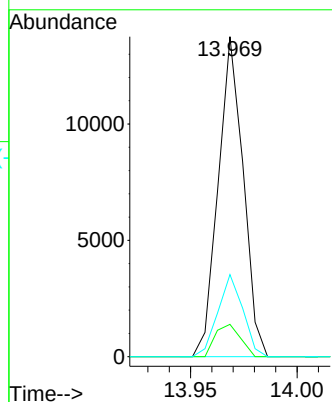
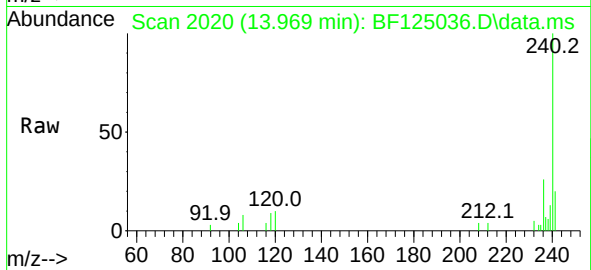




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF125036.D
Acq: 10 Aug 2021 18:18

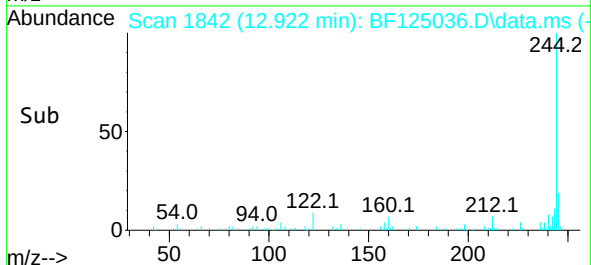
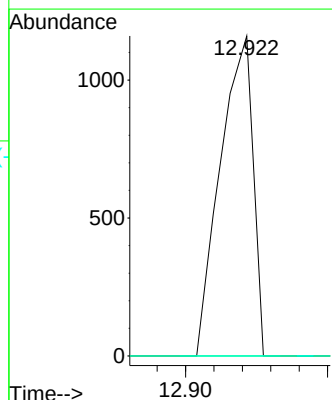
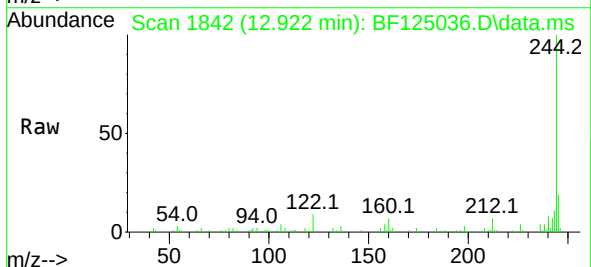
Instrument :
BNA_F
ClientSampleId :
72-11930

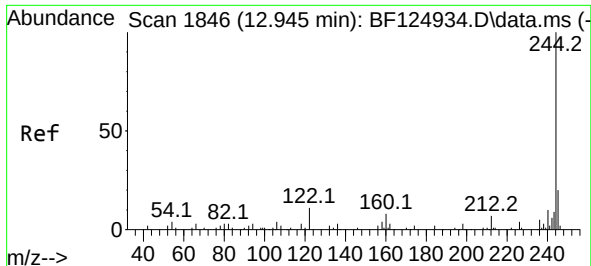
Tgt Ion:240 Resp: 11210
Ion Ratio Lower Upper
240 100
120 10.1 10.8 16.2#
236 25.6 21.6 32.4



#77
Benzidine
Concen: 3.094 ng
RT: 12.922 min Scan# 1842
Delta R.T. 0.253 min
Lab File: BF125036.D
Acq: 10 Aug 2021 18:18

Tgt Ion:184 Resp: 928
Ion Ratio Lower Upper
184 100
185 0.0 10.8 16.2#
183 0.0 8.1 12.1#

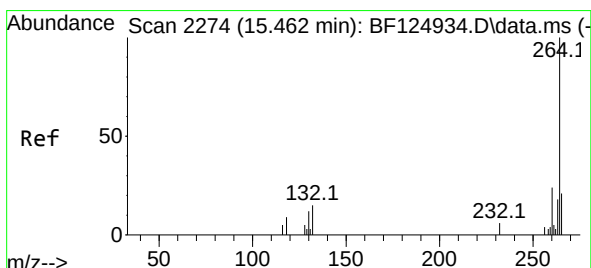
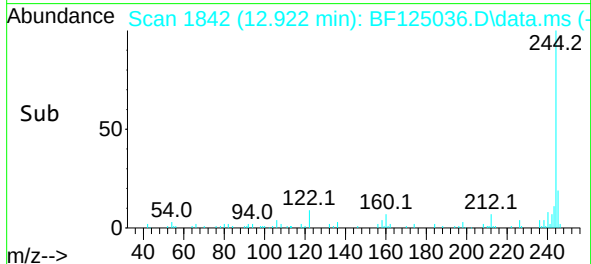
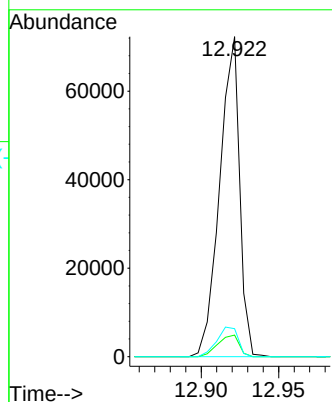
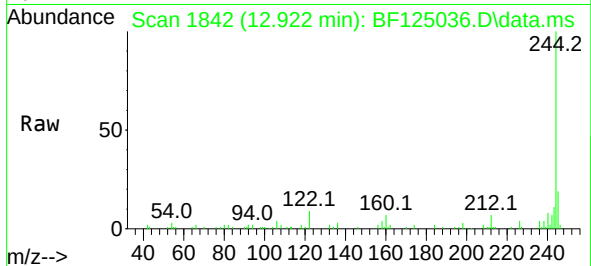




#79
 Terphenyl-d14
 Concen: 97.119 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. 0.006 min
 Lab File: BF125036.D
 Acq: 10 Aug 2021 18:18

Instrument :
 BNA_F
 ClientSampled :
 72-11930

Tgt Ion:244 Resp: 64542
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.9 8.9
 122 8.8 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. 0.006 min
 Lab File: BF125036.D
 Acq: 10 Aug 2021 18:18

Tgt Ion:264 Resp: 12470
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.6 29.4
 265 22.3 17.2 25.8

