

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060321\
 Data File : BF124127.D
 Acq On : 3 Jun 2021 18:19
 Operator : JU/CG
 Sample : PB136793BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136793BL

Quant Time: Jun 03 18:58:48 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 03 17:52:07 2021
 Response via : Initial Calibration

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

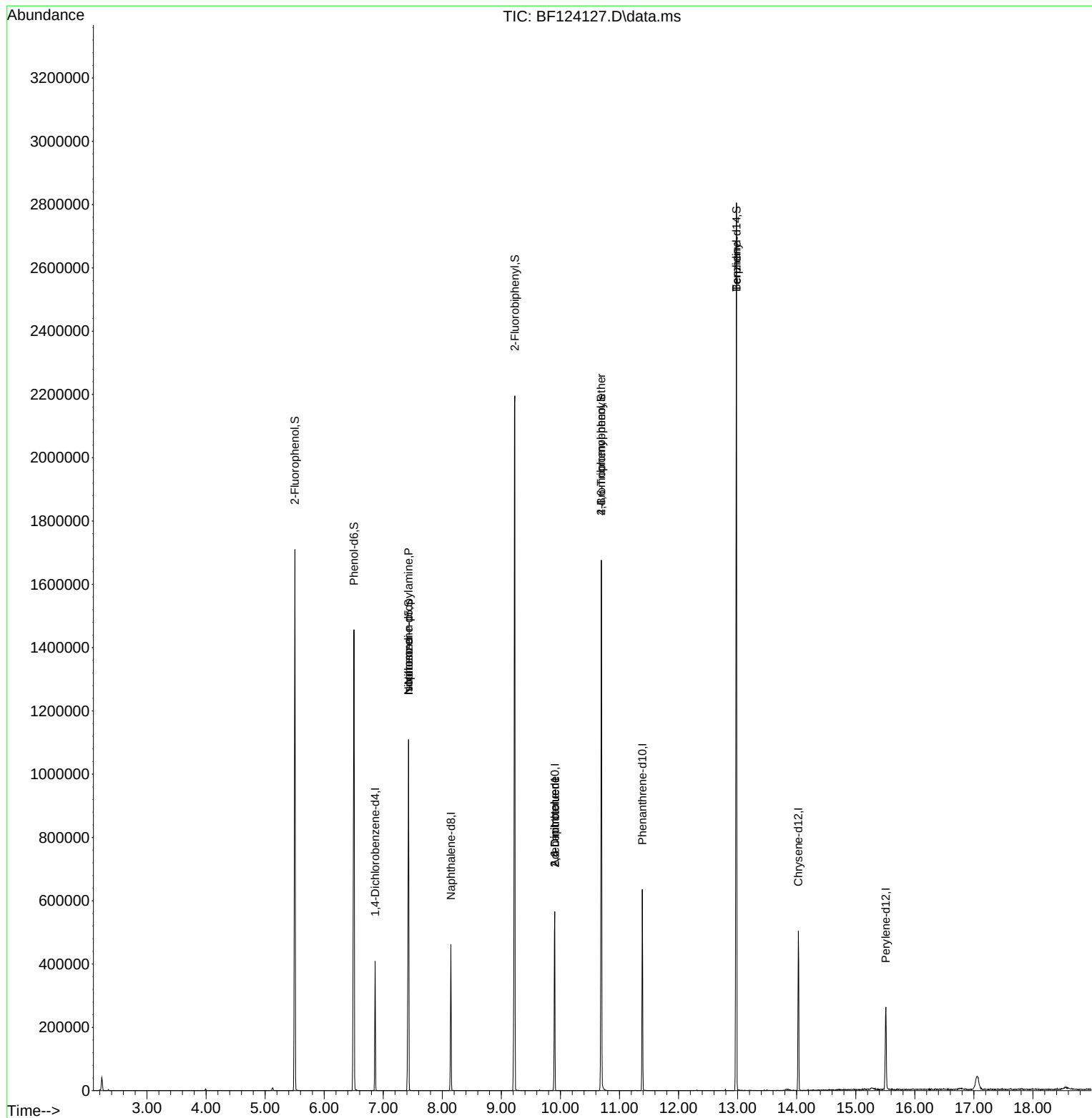
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	46938	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	173909	20.00	ng	# 0.00
39) Acenaphthene-d10	9.904	164	111102	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	205952	20.00	ng	0.00
76) Chrysene-d12	14.027	240	164030	20.00	ng	0.00
86) Perylene-d12	15.510	264	115500	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	393063	126.06	ng	0.01
7) Phenol-d6	6.504	99	486129	115.99	ng	0.00
23) Nitrobenzene-d5	7.428	82	378238	86.26	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	182953	116.23	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	705404	79.90	ng	0.00
79) Terphenyl-d14	12.980	244	873341	73.10	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	51415	17.38	ng	# 73
25) Isophorone	7.428	82	377777	47.81	ng	# 69
51) 2,6-Dinitrotoluene	9.904	165	13968	6.63	ng	# 12
57) 2,4-Dinitrotoluene	9.904	165	13968	5.03	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	12656	4.48	ng	# 1
77) Benzidine	12.980	184	15775	7.84	ng	# 88

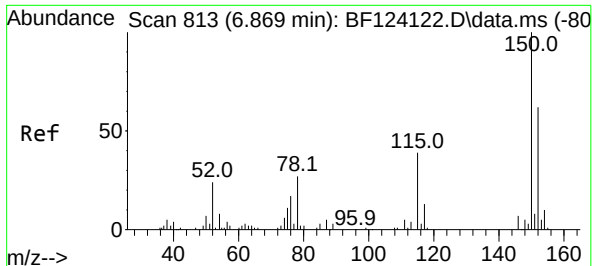
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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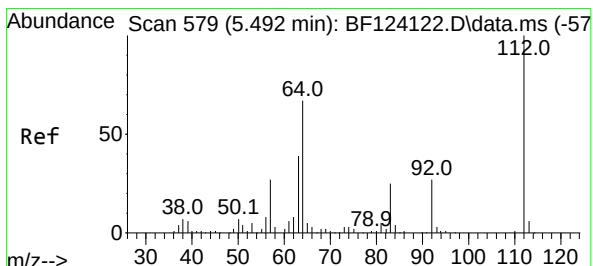
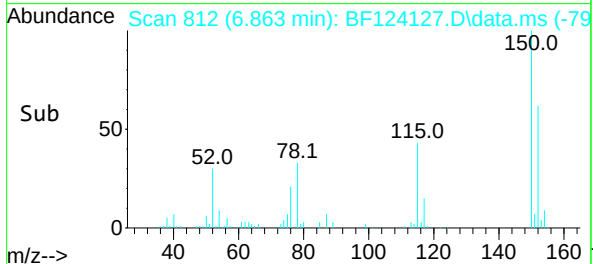
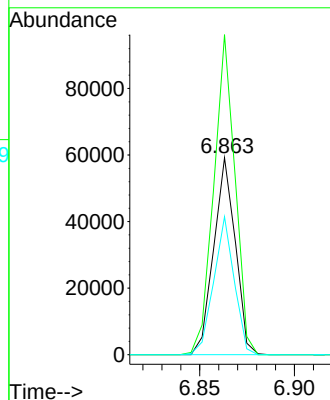
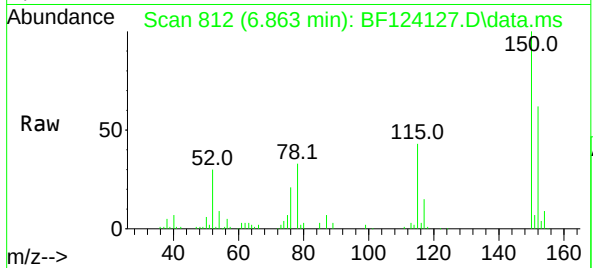




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF124127.D
Acq: 3 Jun 2021 18:19

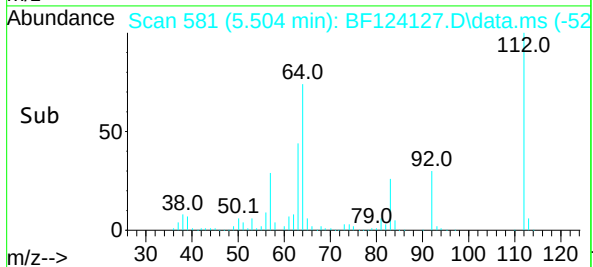
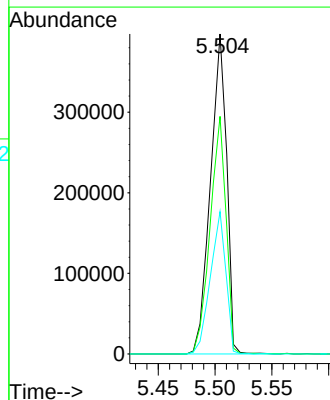
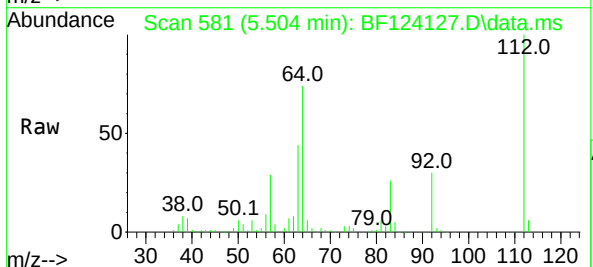
Instrument :
BNA_F
ClientSampled :
PB136793BL

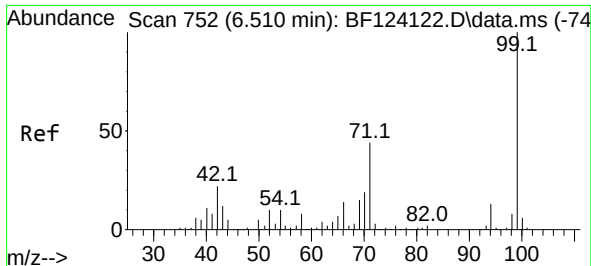
Tgt Ion:152 Resp: 46938
Ion Ratio Lower Upper
152 100
150 162.5 127.0 190.6
115 70.0 54.3 81.5



#5
2-Fluorophenol
Concen: 126.06 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF124127.D
Acq: 3 Jun 2021 18:19

Tgt Ion:112 Resp: 393063
Ion Ratio Lower Upper
112 100
64 74.2 61.4 92.0
63 44.5 33.0 49.4

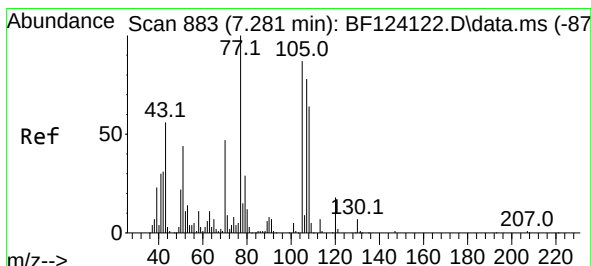
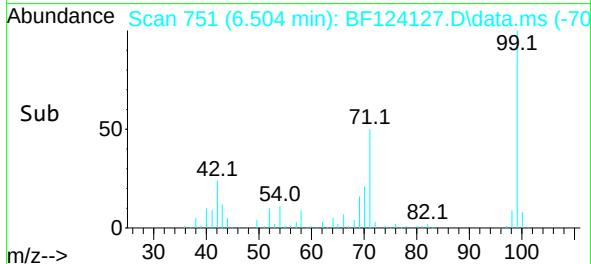
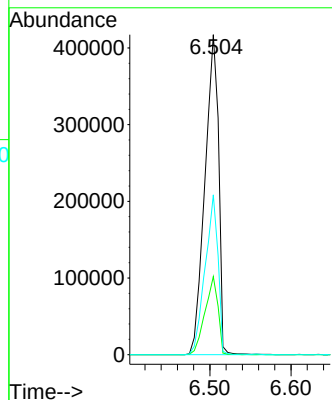
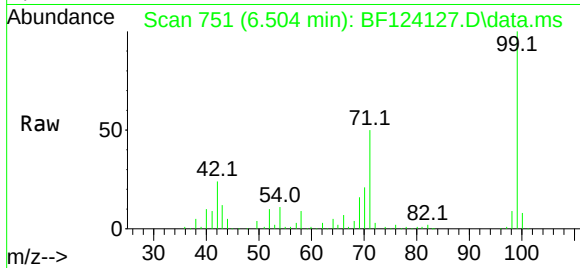




#7
Phenol-d6
Concen: 115.99 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124127.D
Acq: 3 Jun 2021 18:19

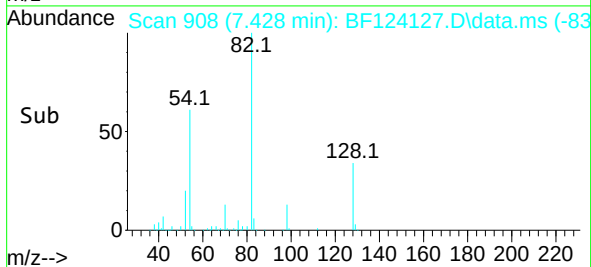
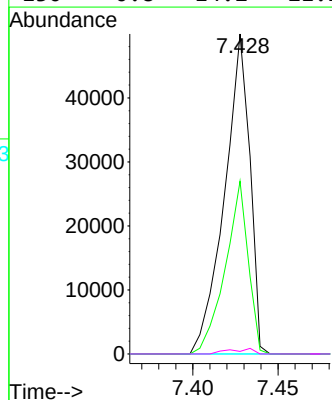
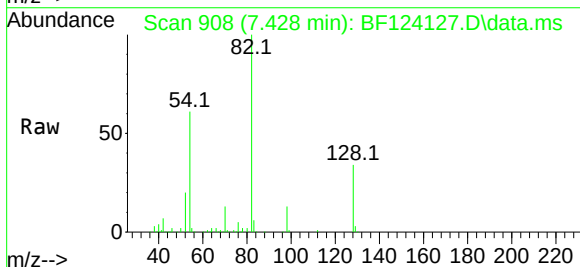
Instrument :
BNA_F
ClientSampleId :
PB136793BL

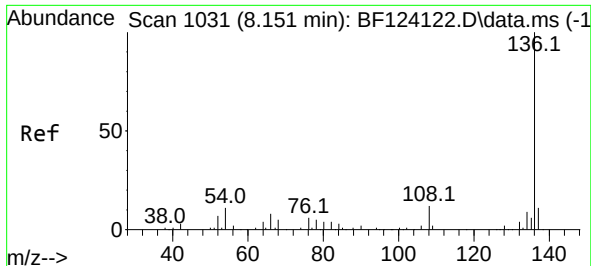
Tgt Ion: 99 Resp: 486129
Ion Ratio Lower Upper
99 100
42 24.4 19.8 29.8
71 50.0 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 17.38 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF124127.D
Acq: 3 Jun 2021 18:19

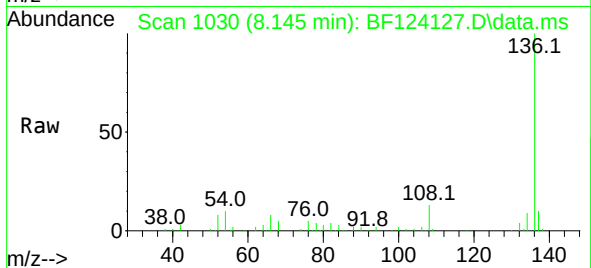
Tgt Ion: 70 Resp: 51415
Ion Ratio Lower Upper
70 100
42 54.0 60.1 90.1#
101 0.0 7.4 11.2#
130 0.8 14.2 21.2#



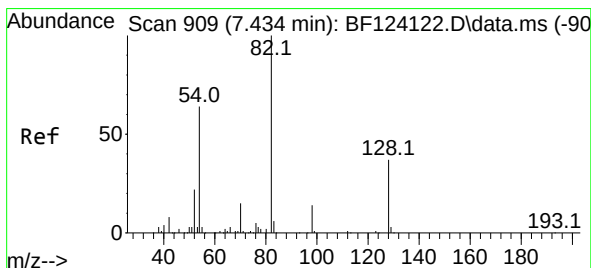
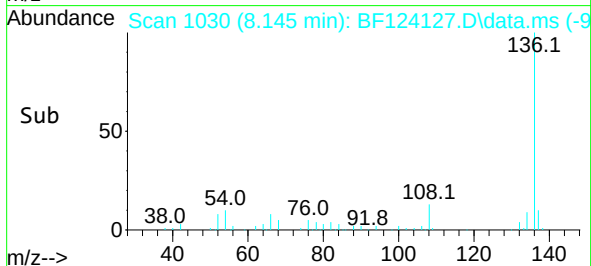
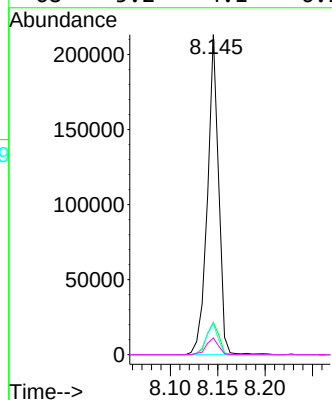


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124127.D
Acq: 3 Jun 2021 18:19

Instrument :
BNA_F
ClientSampleId :
PB136793BL

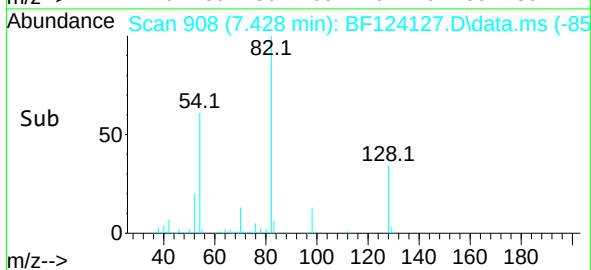
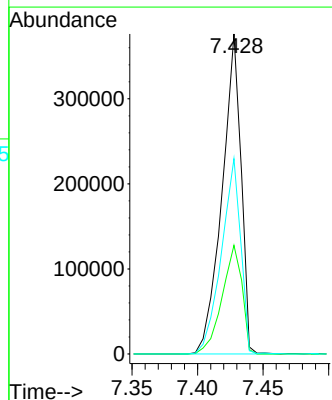
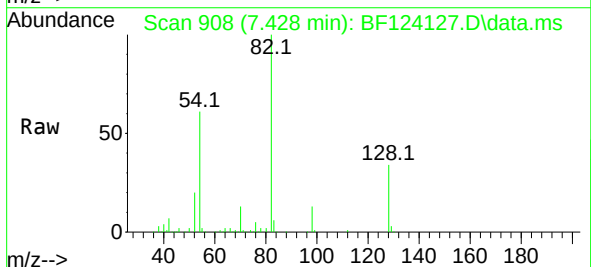


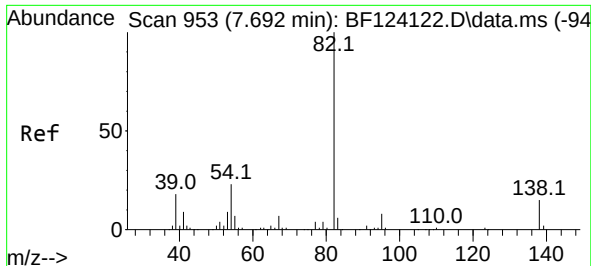
Tgt	Ion:136	Resp:	173909
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.7	13.1
54	9.7	9.8	14.6#
68	5.2	4.1	6.1



#23
Nitrobenzene-d5
Concen: 86.26 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF124127.D
Acq: 3 Jun 2021 18:19

Tgt Ion: 82	Resp: 378238
Ion Ratio	Lower Upper
82 100	
128 34.0	29.4 44.2
54 61.0	54.1 81.1

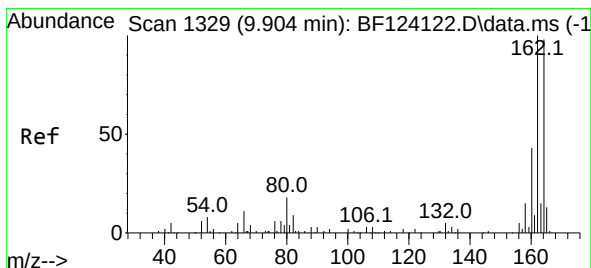
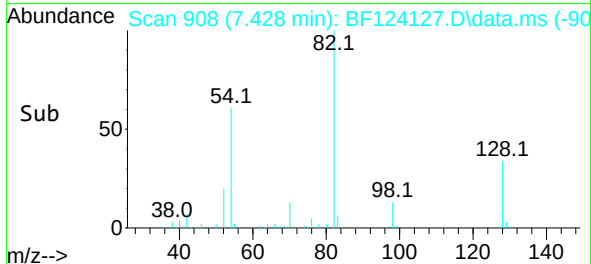
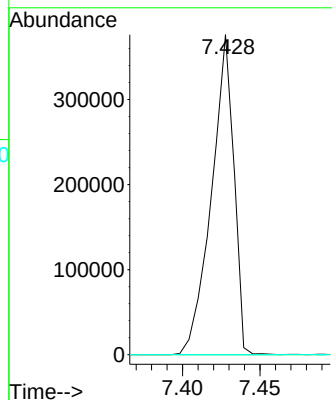
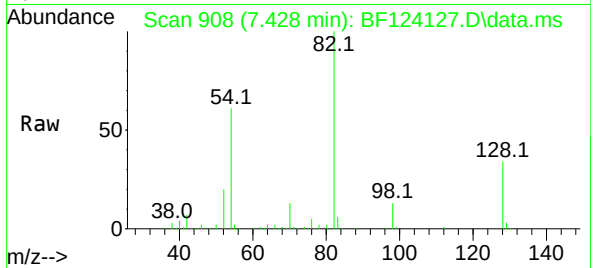




#25
Isophorone
Concen: 47.81 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF124127.D
Acq: 3 Jun 2021 18:19

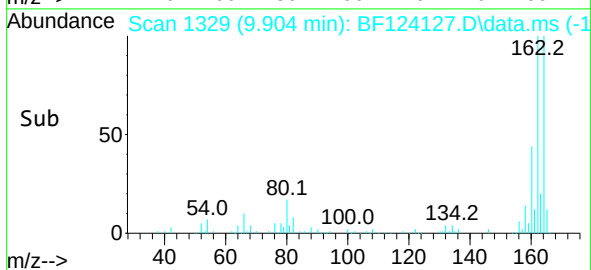
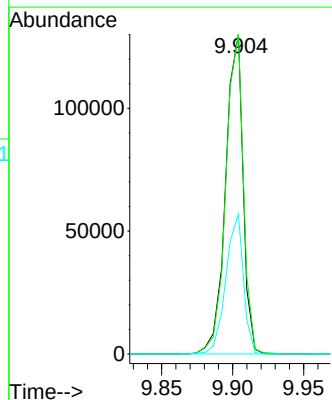
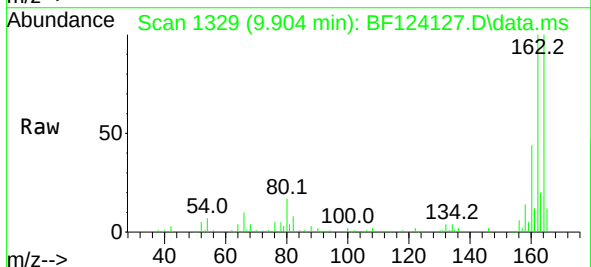
Instrument :
BNA_F
ClientSampleId :
PB136793BL

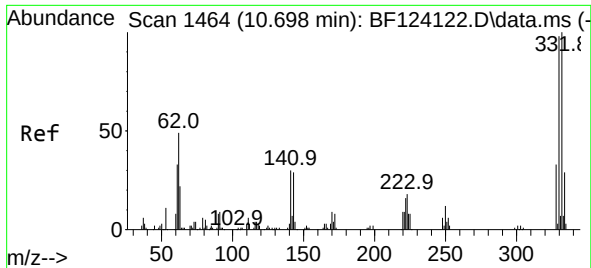
Tgt Ion: 82 Resp: 377777
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF124127.D
Acq: 3 Jun 2021 18:19

Tgt Ion: 164 Resp: 111102
Ion Ratio Lower Upper
164 100
162 100.1 80.7 121.1
160 43.8 37.3 55.9

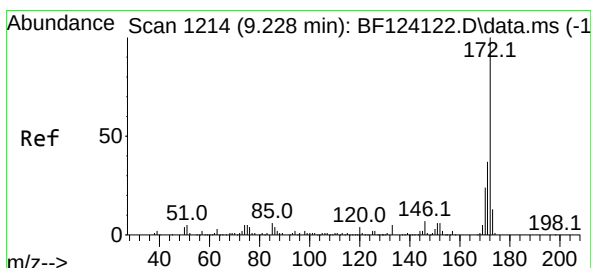
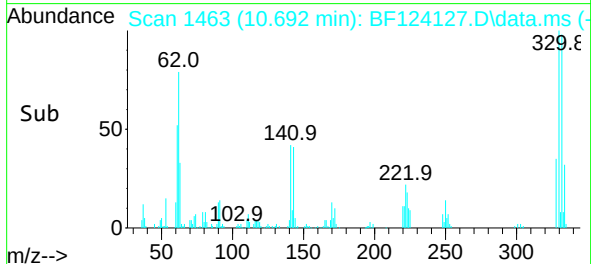
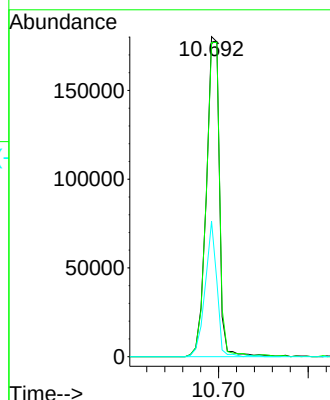
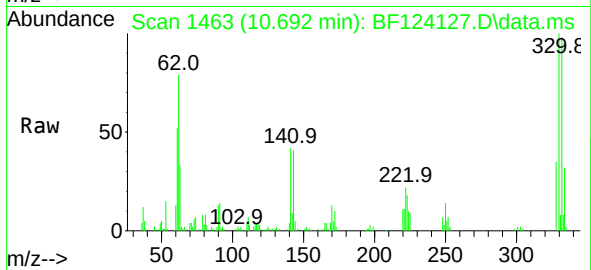




#42
2,4,6-Tribromophenol
Concen: 116.23 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124127.D
Acq: 3 Jun 2021 18:19

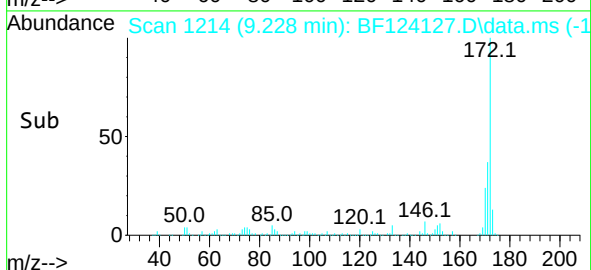
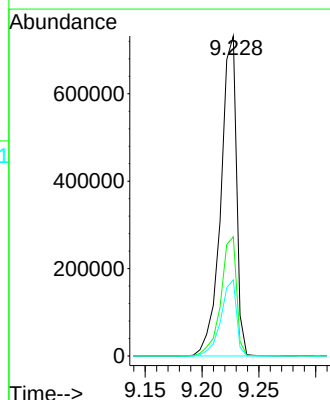
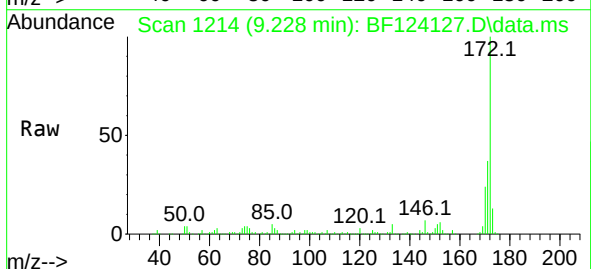
Instrument :
BNA_F
ClientSampleID :
PB136793BL

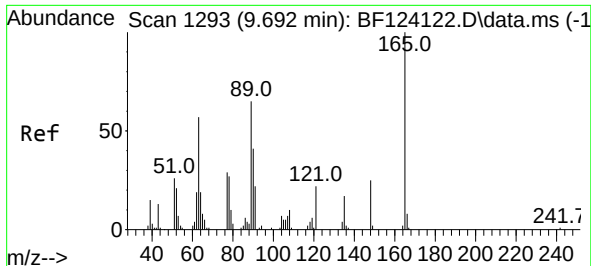
Tgt Ion: 330 Resp: 182953
Ion Ratio Lower Upper
330 100
332 99.1 77.1 115.7
141 37.4 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 79.90 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF124127.D
Acq: 3 Jun 2021 18:19

Tgt Ion: 172 Resp: 705404
Ion Ratio Lower Upper
172 100
171 37.2 28.1 42.1
170 23.8 19.2 28.8

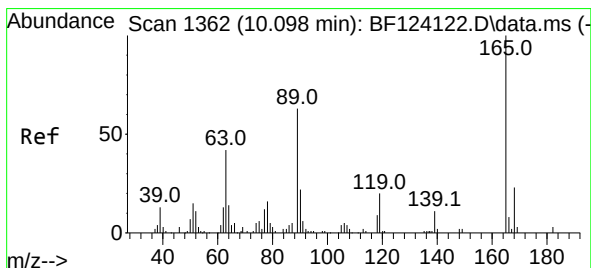
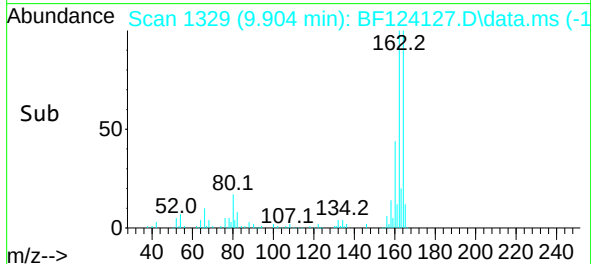
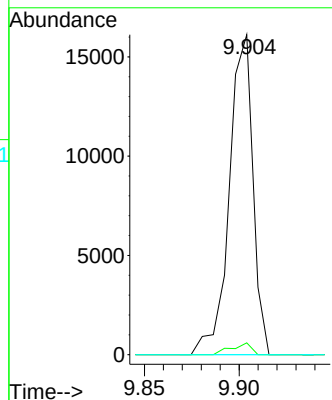
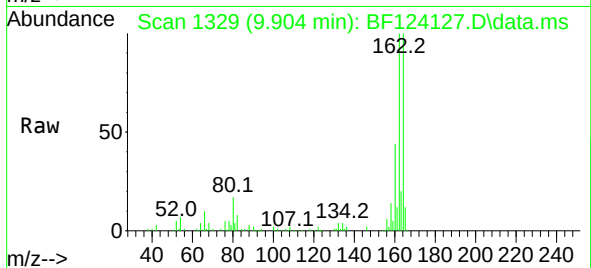




#51
2,6-Dinitrotoluene
Concen: 6.63 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF124127.D
Acq: 3 Jun 2021 18:19

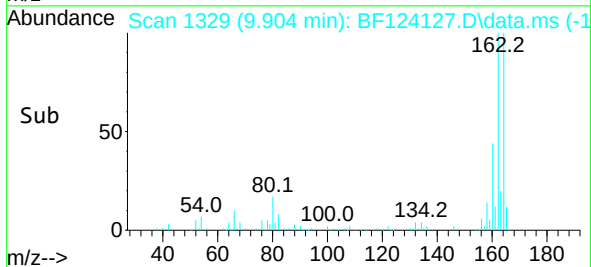
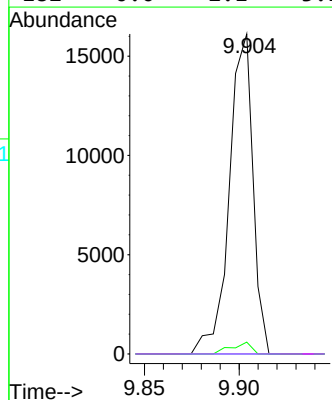
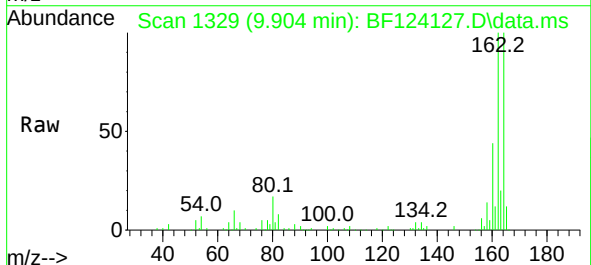
Instrument :
BNA_F
ClientSampleId :
PB136793BL

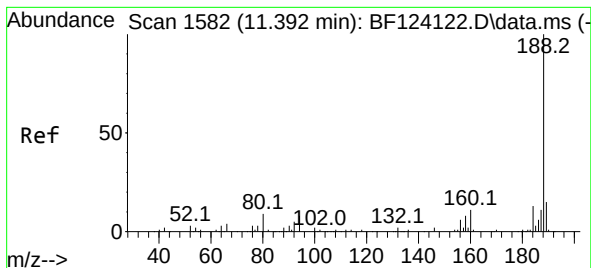
Tgt Ion:165 Resp: 13968
Ion Ratio Lower Upper
165 100
63 3.7 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.03 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124127.D
Acq: 3 Jun 2021 18:19

Tgt Ion:165 Resp: 13968
Ion Ratio Lower Upper
165 100
63 3.7 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

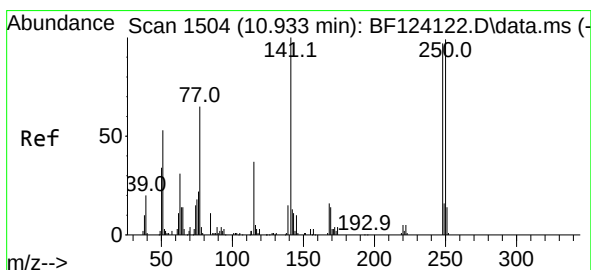
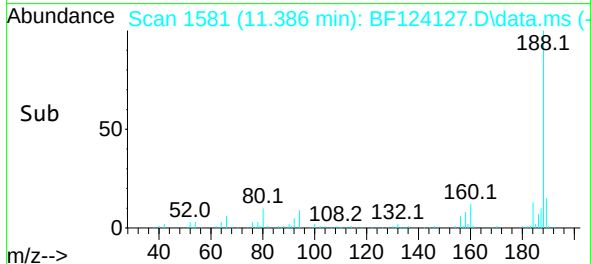
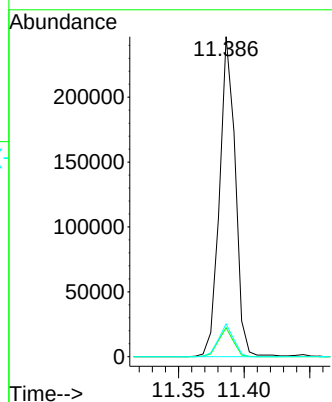
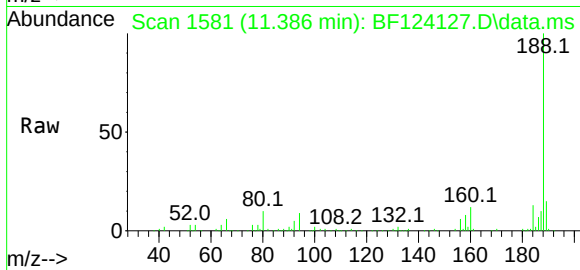




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124127.D
Acq: 3 Jun 2021 18:19

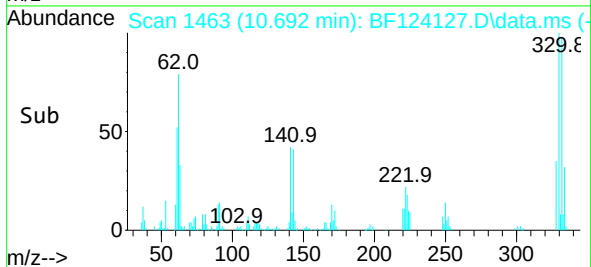
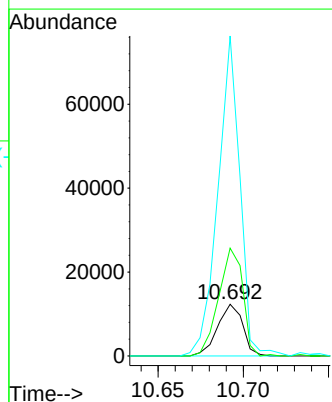
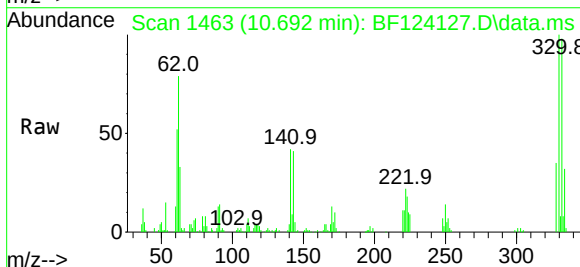
Instrument :
BNA_F
ClientSampleId :
PB136793BL

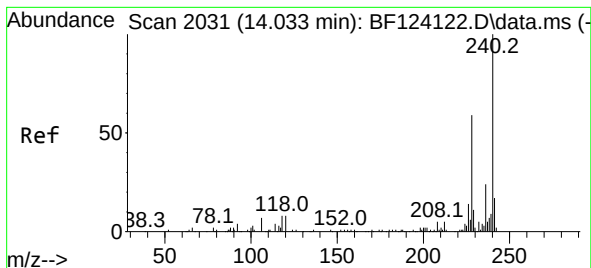
Tgt Ion:188 Resp: 205952
Ion Ratio Lower Upper
188 100
94 9.0 6.9 10.3
80 10.2 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.48 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF124127.D
Acq: 3 Jun 2021 18:19

Tgt Ion:248 Resp: 12656
Ion Ratio Lower Upper
248 100
250 208.3 77.4 116.2#
141 618.3 63.7 95.5#

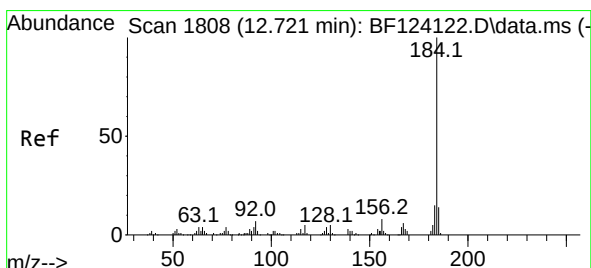
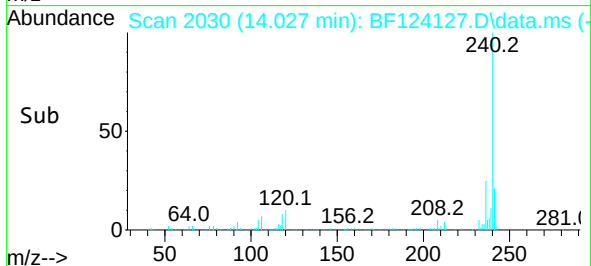
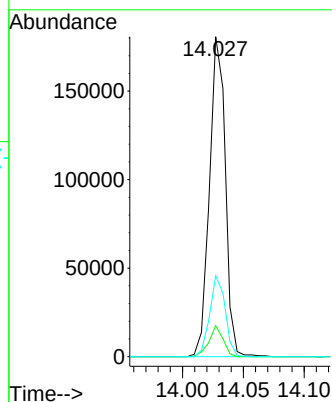
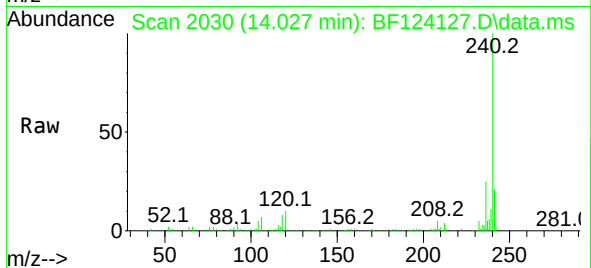




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF124127.D
Acq: 3 Jun 2021 18:19

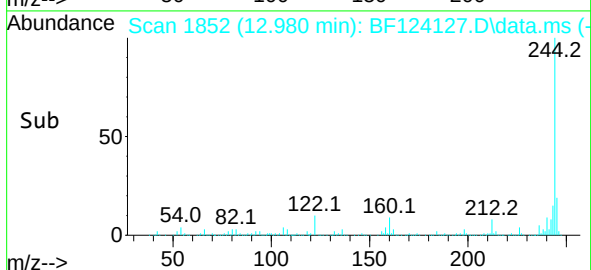
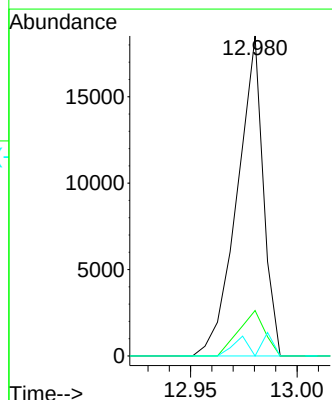
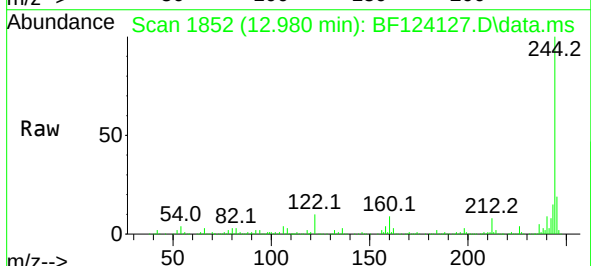
Instrument :
BNA_F
ClientSampleId :
PB136793BL

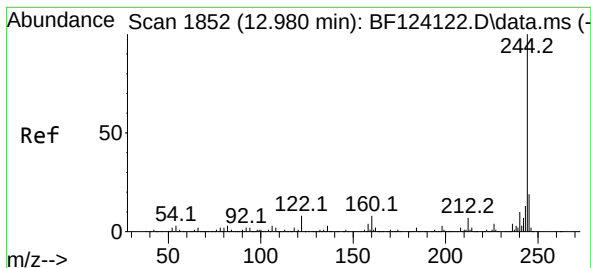
Tgt Ion:240 Resp: 164030
Ion Ratio Lower Upper
240 100
120 9.7 7.2 10.8
236 25.3 19.0 28.4



#77
Benzidine
Concen: 7.84 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.259 min
Lab File: BF124127.D
Acq: 3 Jun 2021 18:19

Tgt Ion:184 Resp: 15775
Ion Ratio Lower Upper
184 100
185 14.2 12.1 18.1
183 0.0 7.8 11.8#

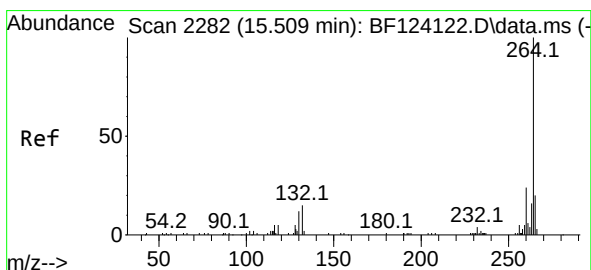
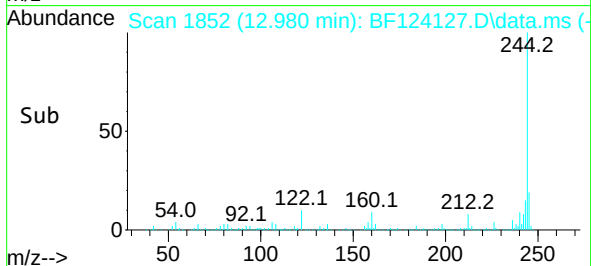
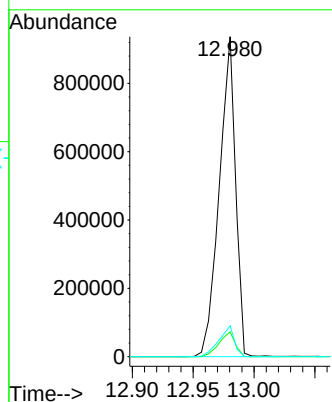
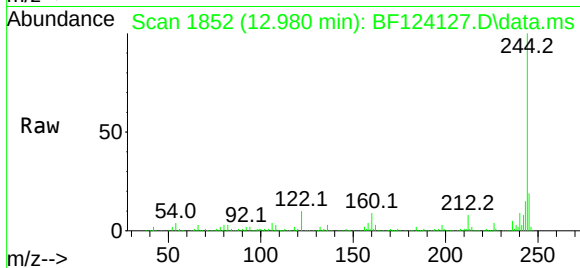




#79
 Terphenyl-d14
 Concen: 73.10 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF124127.D
 Acq: 3 Jun 2021 18:19

Instrument :
 BNA_F
 ClientSampleId :
 PB136793BL

Tgt Ion:244 Resp: 873341
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 9.6 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.510 min Scan# 2282
 Delta R.T. 0.001 min
 Lab File: BF124127.D
 Acq: 3 Jun 2021 18:19

Tgt Ion:264 Resp: 115500
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 23.2 17.8 26.8

