

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072921\
 Data File : BF124860.D
 Acq On : 29 Jul 2021 20:00
 Operator : JU/CG
 Sample : M3210-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(1.0-1.5)

Quant Time: Jul 30 02:54:30 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 22 15:28:57 2021
 Response via : Initial Calibration

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

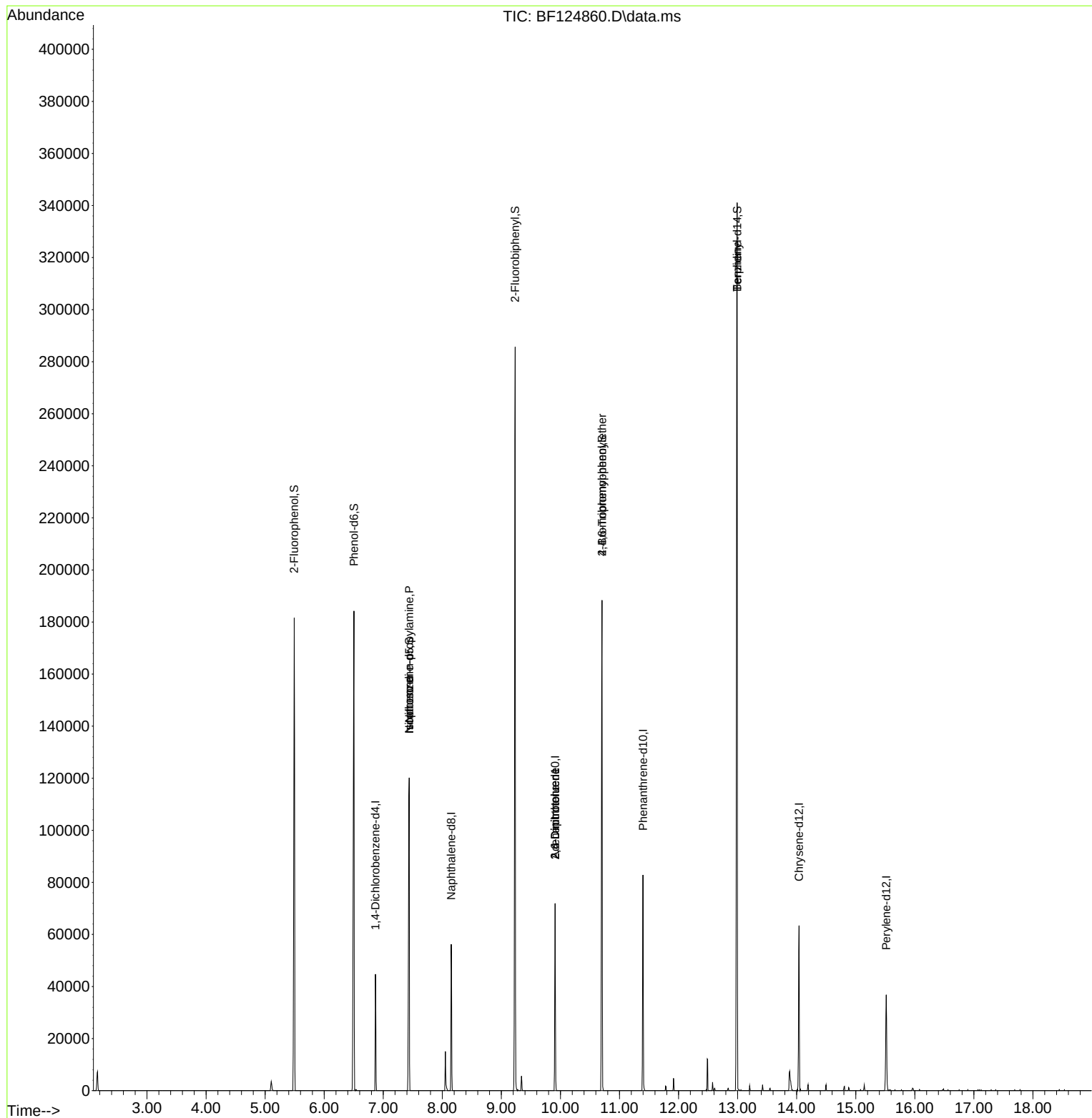
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	6380	20.00	ng	0.00
21) Naphthalene-d8	8.151	136	24684	20.00	ng	# 0.00
39) Acenaphthene-d10	9.910	164	14357	20.00	ng	0.00
64) Phenanthrene-d10	11.398	188	28871	20.00	ng	0.00
76) Chrysene-d12	14.039	240	24268	20.00	ng	# 0.00
86) Perylene-d12	15.515	264	18688	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	52791	140.10	ng	0.01
7) Phenol-d6	6.504	99	62204	131.68	ng	0.00
23) Nitrobenzene-d5	7.439	82	40640	97.99	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	18932	153.58	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	88810	90.85	ng	0.00
79) Terphenyl-d14	12.992	244	127796	90.27	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	5482	21.73	ng	# 64
25) Isophorone	7.439	82	40639	55.42	ng	# 59
51) 2,6-Dinitrotoluene	9.910	165	1889	8.65	ng	# 26
57) 2,4-Dinitrotoluene	9.910	165	1889	6.37	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	1625	5.31	ng	# 1
77) Benzidine	12.992	184	1945	2.84	ng	# 86

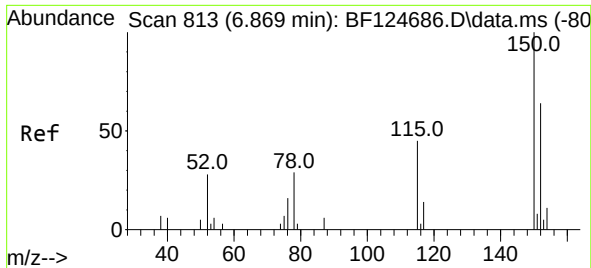
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072921\
Data File : BF124860.D
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Operator : JU/CG
Sample : M3210-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1(1.0-1.5)

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072221.M
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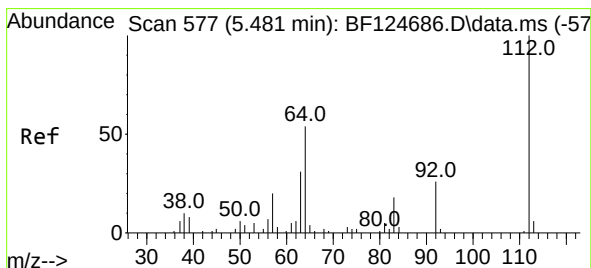
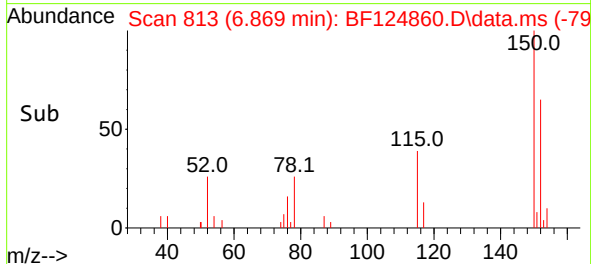
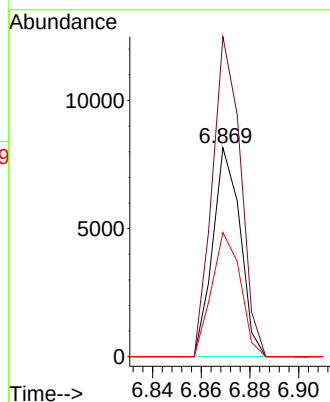
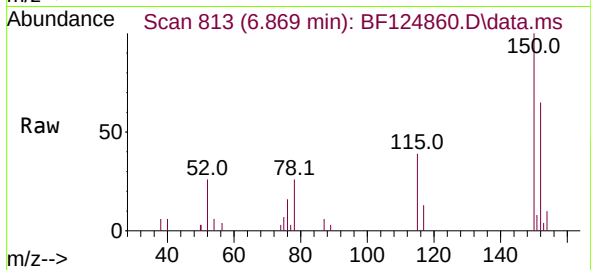




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.000 min
Lab File: BF124860.D
Acq: 29 Jul 2021 20:00

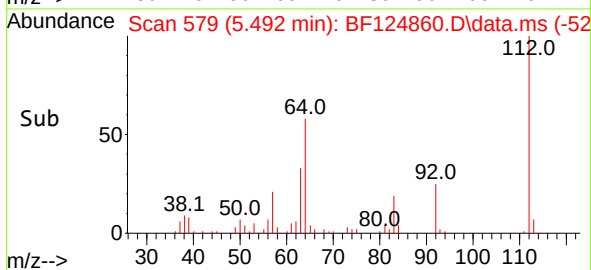
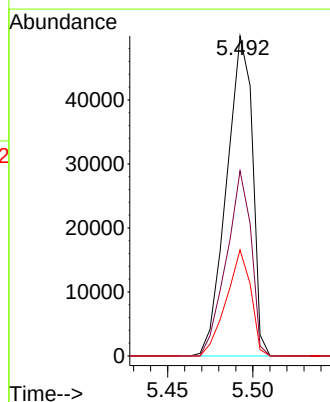
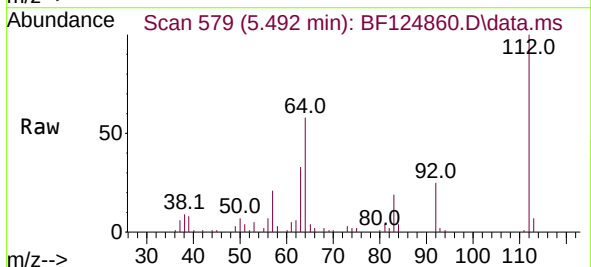
Instrument :
BNA_F
ClientSampleId :
SB-1(1.0-1.5)

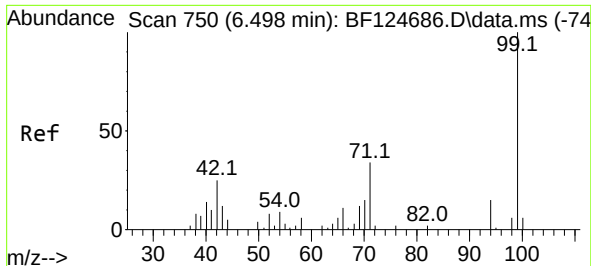
Tgt Ion:152 Resp: 6380
Ion Ratio Lower Upper
152 100
150 153.2 117.6 176.4
115 59.5 47.1 70.7



#5
2-Fluorophenol
Concen: 140.10 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF124860.D
Acq: 29 Jul 2021 20:00

Tgt Ion:112 Resp: 52791
Ion Ratio Lower Upper
112 100
64 57.8 44.2 66.2
63 33.2 26.2 39.2

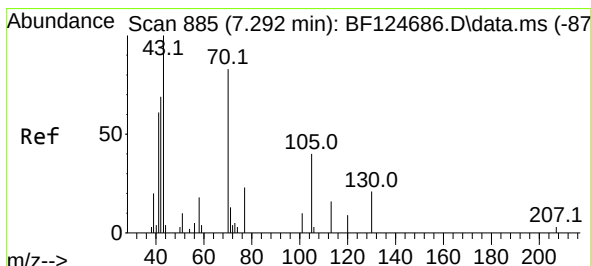
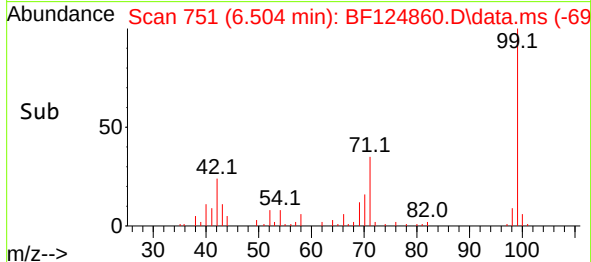
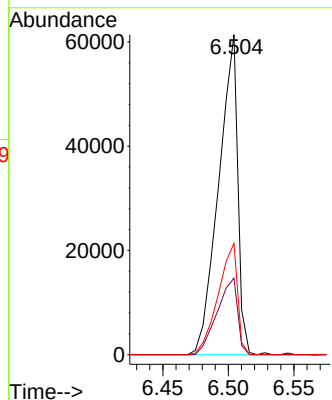
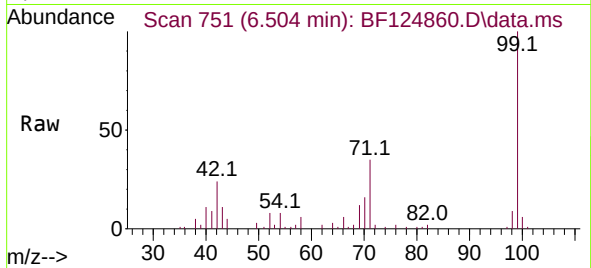




#7
Phenol-d6
Concen: 131.68 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF124860.D
Acq: 29 Jul 2021 20:00

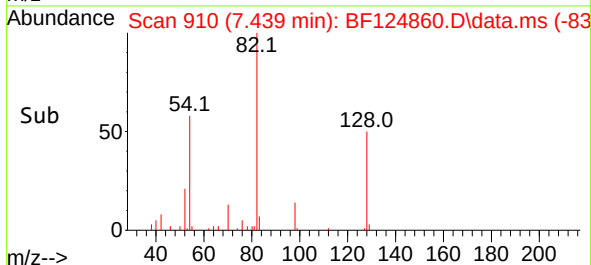
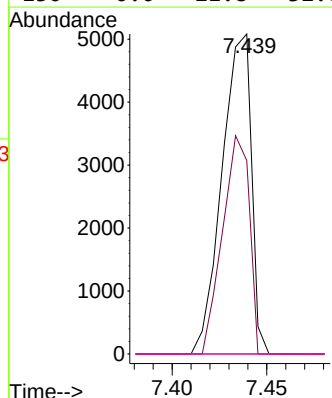
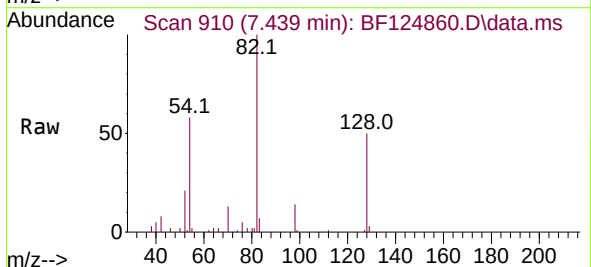
Instrument :
BNA_F
ClientSampleId :
SB-1(1.0-1.5)

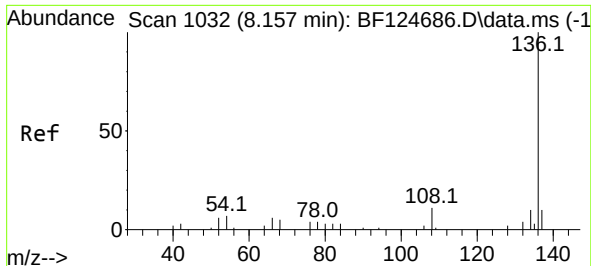
Tgt Ion: 99 Resp: 62204
Ion Ratio Lower Upper
99 100
42 23.9 23.5 35.3
71 34.8 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 21.73 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF124860.D
Acq: 29 Jul 2021 20:00

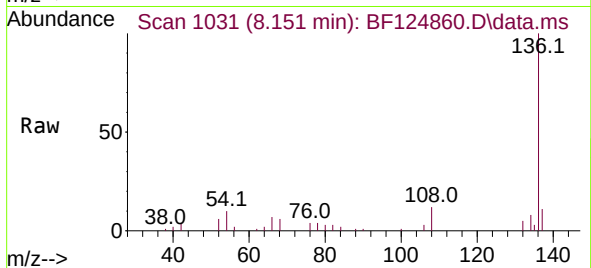
Tgt Ion: 70 Resp: 5482
Ion Ratio Lower Upper
70 100
42 60.4 72.2 108.2#
101 0.0 7.8 11.8#
130 0.0 21.8 32.6#



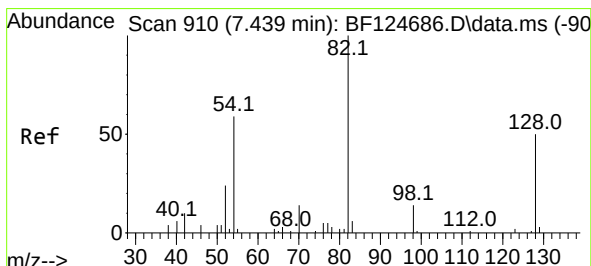
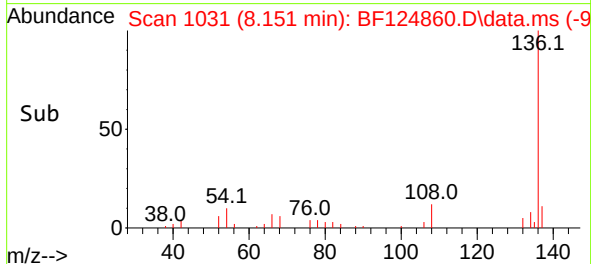
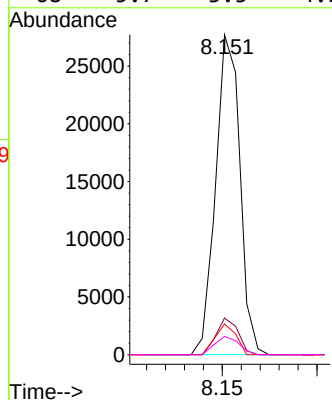


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF124860.D
Acq: 29 Jul 2021 20:00

Instrument :
BNA_F
ClientSampleId :
SB-1(1.0-1.5)

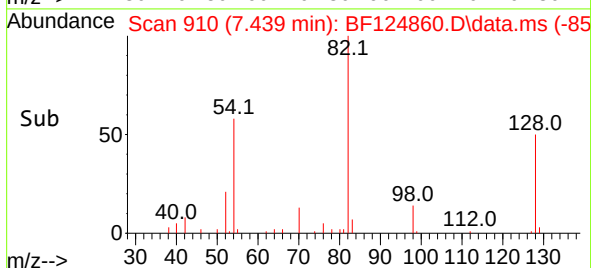
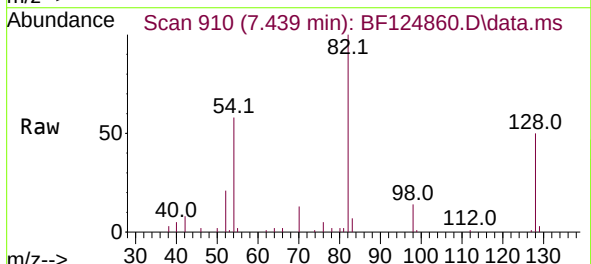
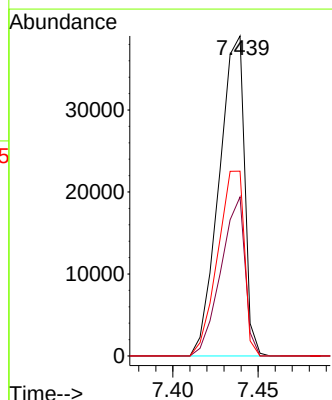


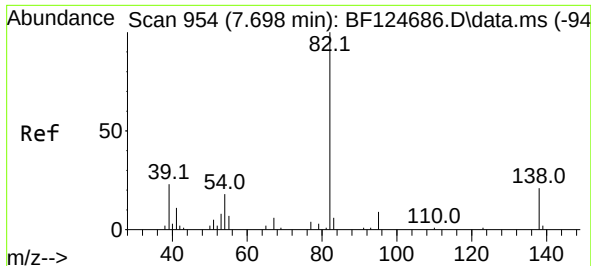
Tgt Ion:	136	Resp:	24684
Ion Ratio	Lower	Upper	
136	100		
137	11.5	9.8	14.6
54	9.6	6.4	9.6
68	5.7	3.3	4.9



#23
Nitrobenzene-d5
Concen: 97.99 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.000 min
Lab File: BF124860.D
Acq: 29 Jul 2021 20:00

Tgt Ion:	82	Resp:	40640
Ion Ratio	Lower	Upper	
82	100		
128	49.7	40.6	60.8
54	57.7	49.6	74.4

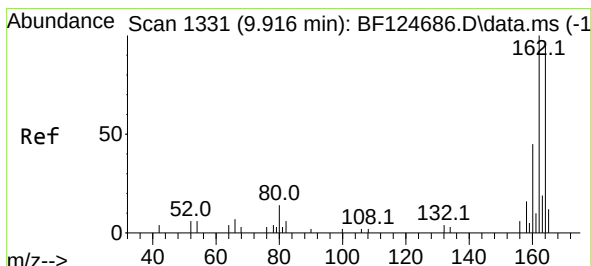
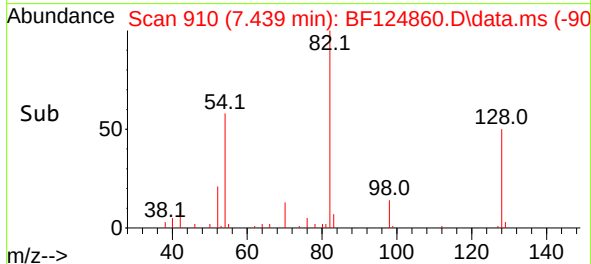
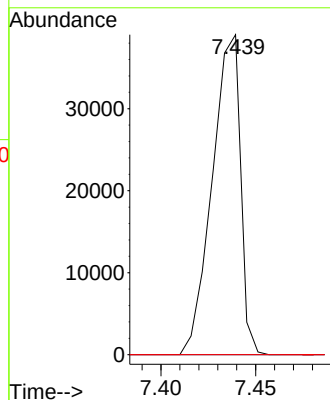
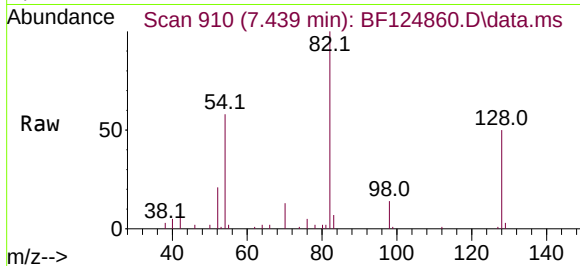




#25
Isophorone
Concen: 55.42 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.259 min
Lab File: BF124860.D
Acq: 29 Jul 2021 20:00

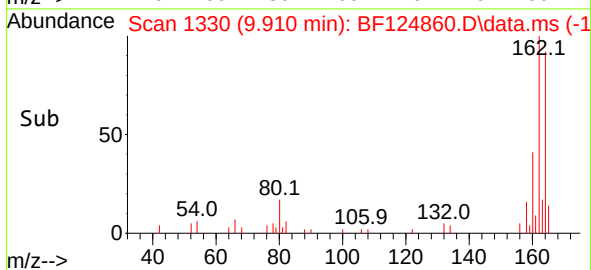
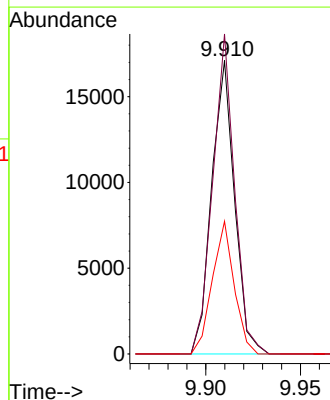
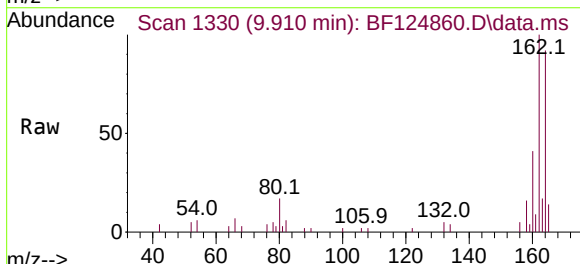
Instrument :
BNA_F
ClientSampleId :
SB-1(1.0-1.5)

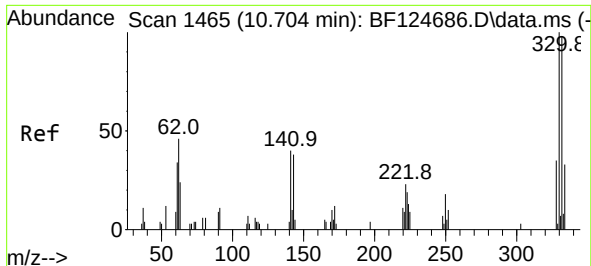
Tgt Ion: 82 Resp: 40639
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF124860.D
Acq: 29 Jul 2021 20:00

Tgt Ion: 164 Resp: 14357
Ion Ratio Lower Upper
164 100
162 109.0 81.3 121.9
160 45.2 38.0 57.0

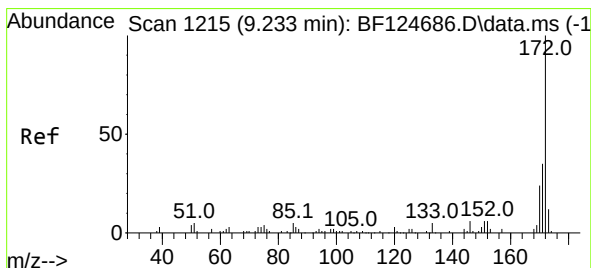
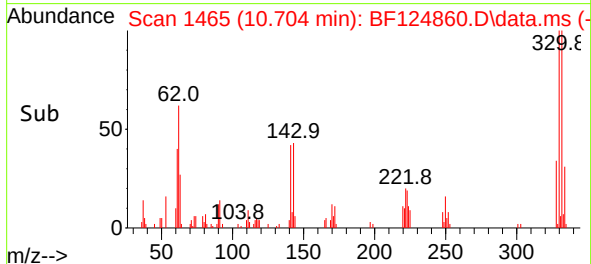
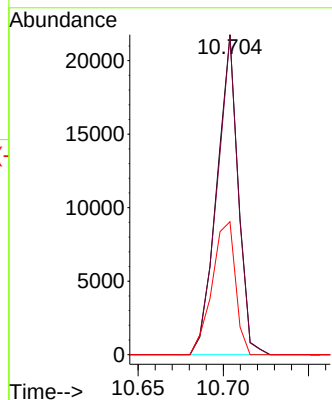
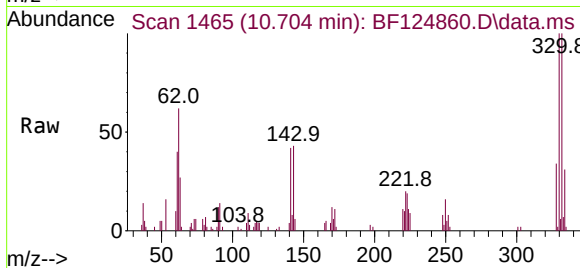




#42
2,4,6-Tribromophenol
Concen: 153.58 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF124860.D
Acq: 29 Jul 2021 20:00

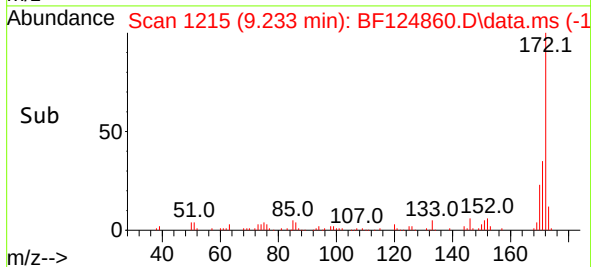
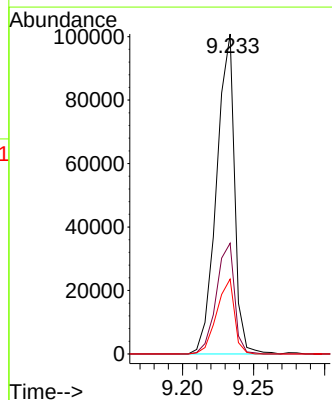
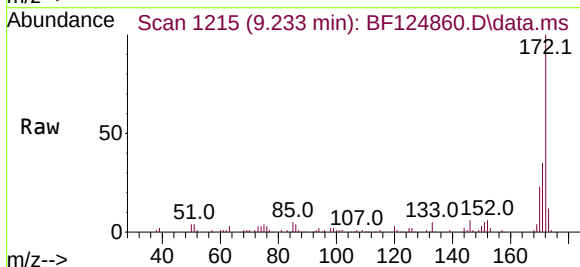
Instrument :
BNA_F
ClientSampled :
SB-1(1.0-1.5)

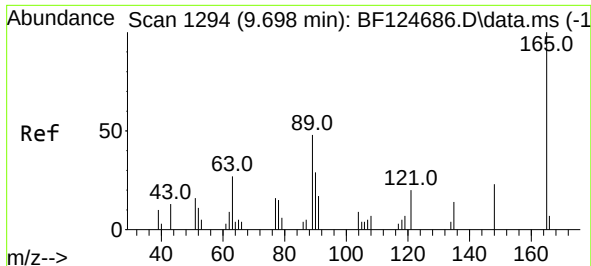
Tgt Ion: 330 Resp: 18932
Ion Ratio Lower Upper
330 100
332 98.8 76.2 114.4
141 45.5 44.6 66.8



#45
2-Fluorobiphenyl
Concen: 90.85 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.000 min
Lab File: BF124860.D
Acq: 29 Jul 2021 20:00

Tgt Ion: 172 Resp: 88810
Ion Ratio Lower Upper
172 100
171 34.6 26.5 39.7
170 23.4 18.8 28.2

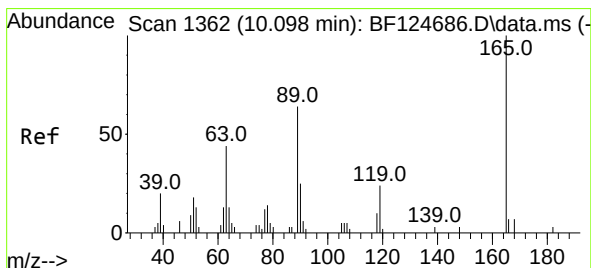
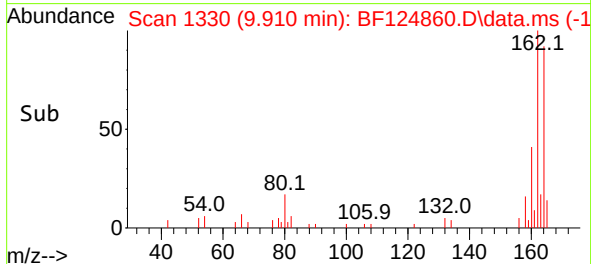
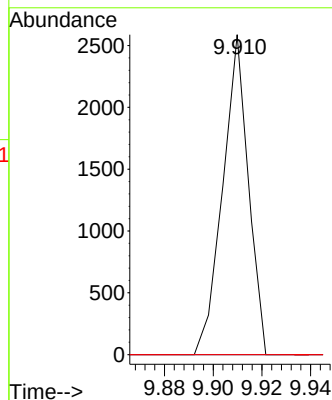
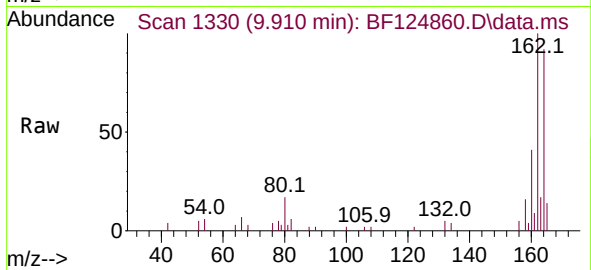




#51
2,6-Dinitrotoluene
Concen: 8.65 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.212 min
Lab File: BF124860.D
Acq: 29 Jul 2021 20:00

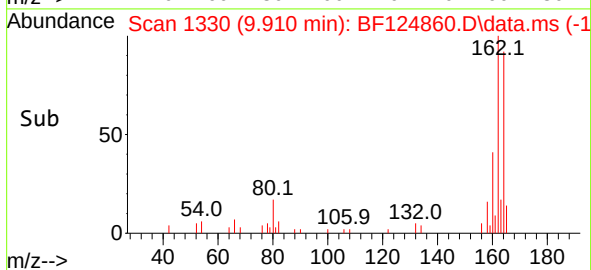
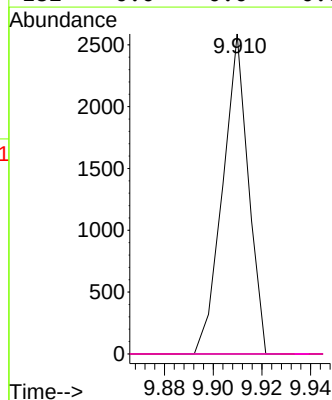
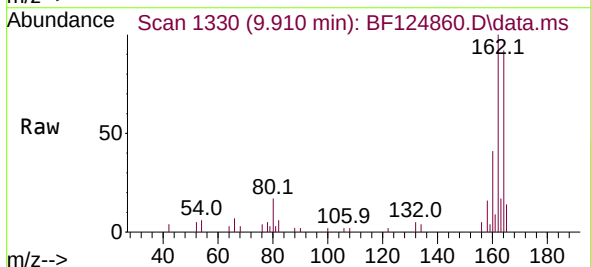
Instrument :
BNA_F
ClientSampleId :
SB-1(1.0-1.5)

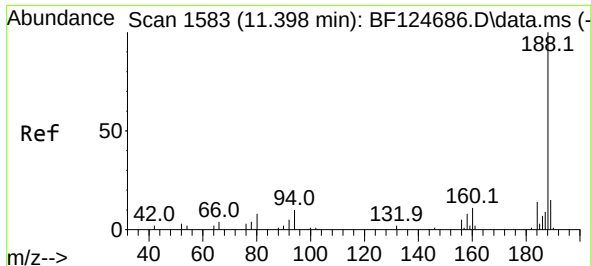
Tgt Ion:165 Resp: 1889
Ion Ratio Lower Upper
165 100
63 0.0 42.6 63.8#
89 0.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 6.37 ng
RT: 9.910 min Scan# 1330
Delta R.T. -0.188 min
Lab File: BF124860.D
Acq: 29 Jul 2021 20:00

Tgt Ion:165 Resp: 1889
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

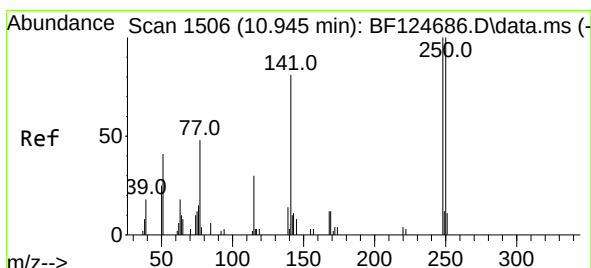
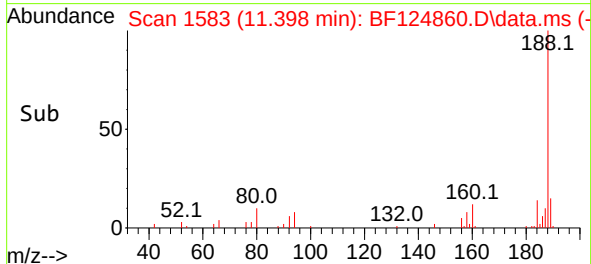
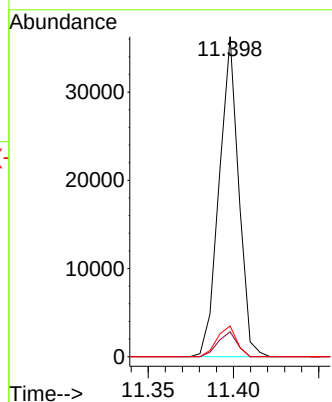
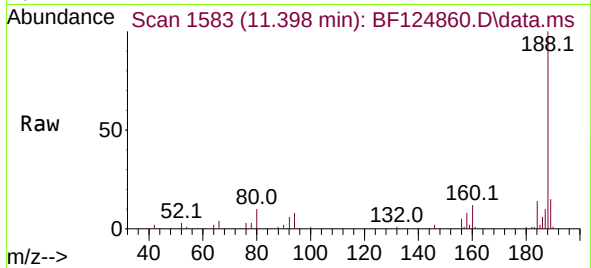




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.398 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF124860.D
Acq: 29 Jul 2021 20:00

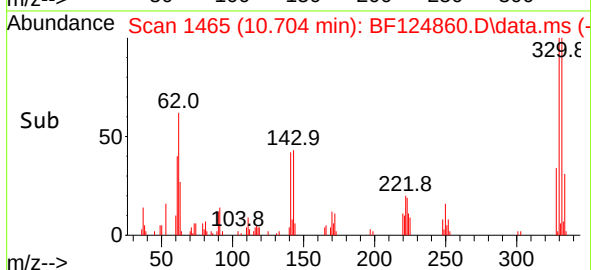
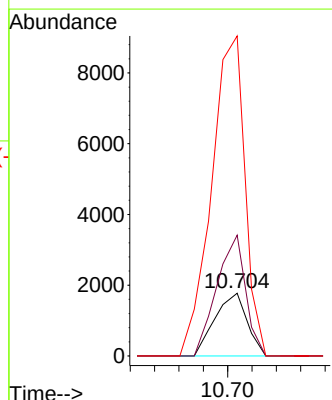
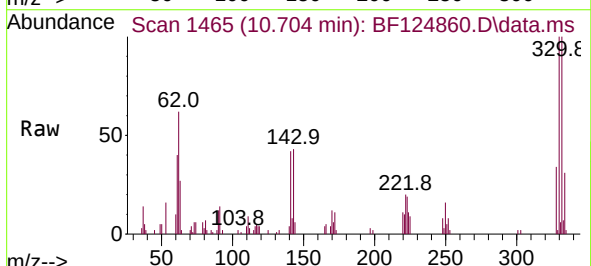
Instrument :
BNA_F
ClientSampleId :
SB-1(1.0-1.5)

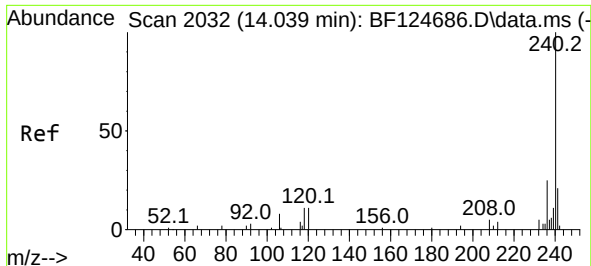
Tgt Ion:188	Resp:	28871
Ion Ratio	Lower	Upper
188	100	
94	7.8	6.7 10.1
80	9.6	7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 5.31 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.241 min
Lab File: BF124860.D
Acq: 29 Jul 2021 20:00

Tgt Ion:248	Resp:	1625
Ion Ratio	Lower	Upper
248	100	
250	192.3	74.2 111.4#
141	509.6	60.4 90.6#

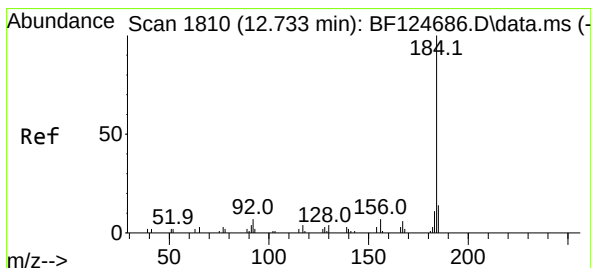
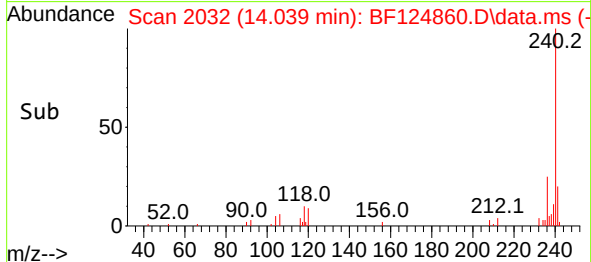
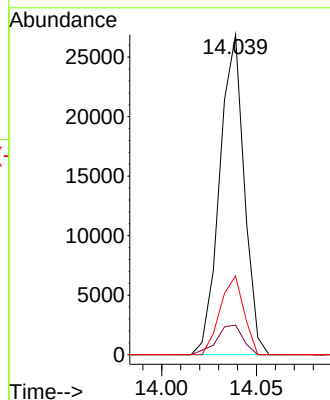
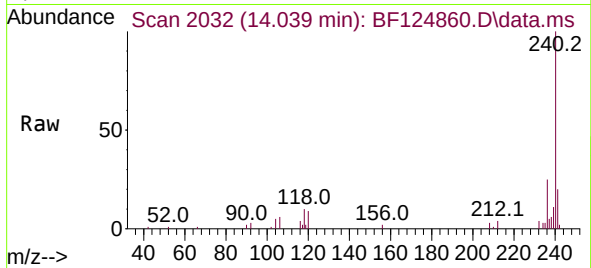




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF124860.D
Acq: 29 Jul 2021 20:00

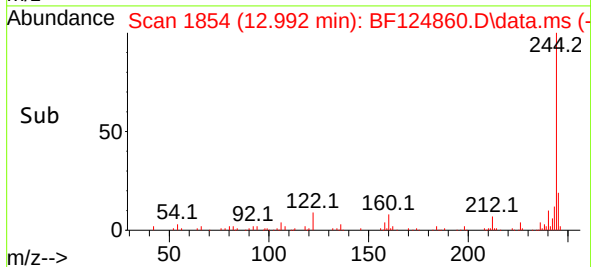
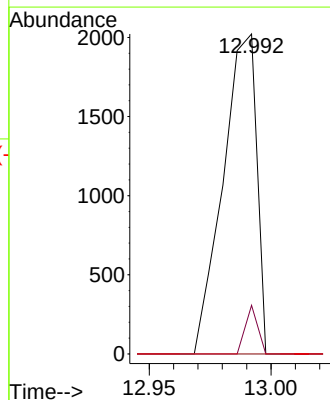
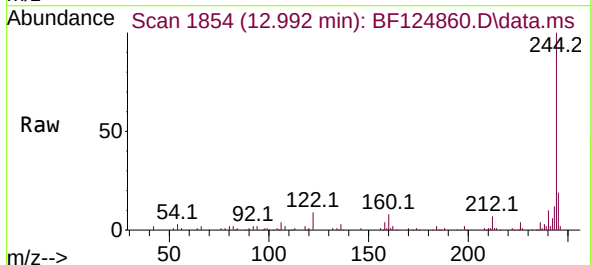
Instrument :
BNA_F
ClientSampleId :
SB-1(1.0-1.5)

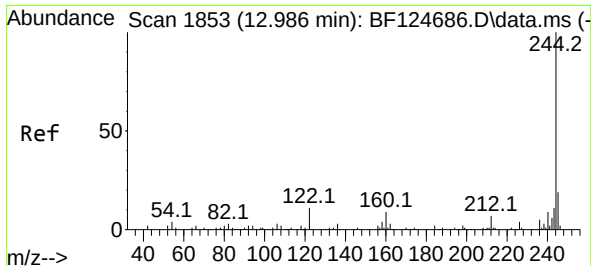
Tgt Ion:240 Resp: 24268
Ion Ratio Lower Upper
240 100
120 9.2 10.8 16.2#
236 24.6 21.6 32.4



#77
Benzidine
Concen: 2.84 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.259 min
Lab File: BF124860.D
Acq: 29 Jul 2021 20:00

Tgt Ion:184 Resp: 1945
Ion Ratio Lower Upper
184 100
185 15.2 10.8 16.2
183 0.0 8.1 12.1#

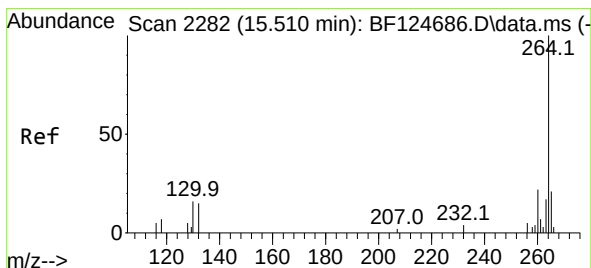
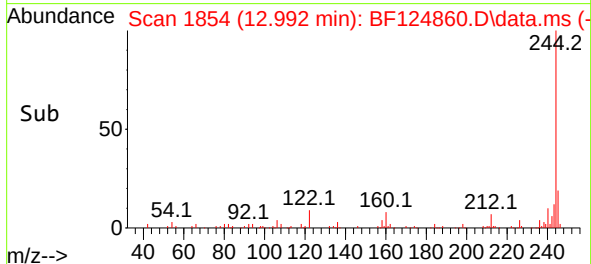
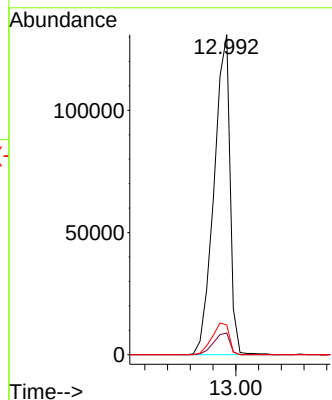
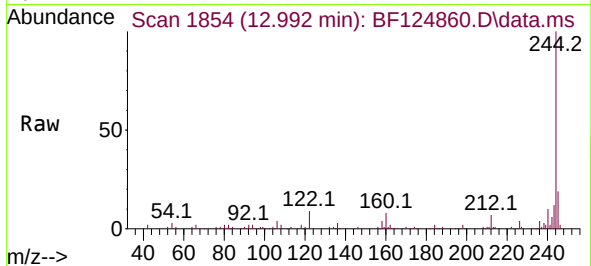




#79
 Terphenyl-d14
 Concen: 90.27 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. 0.006 min
 Lab File: BF124860.D
 Acq: 29 Jul 2021 20:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(1.0-1.5)

Tgt Ion:244 Resp: 127796
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.9 8.9
 122 9.3 9.0 13.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. 0.006 min
 Lab File: BF124860.D
 Acq: 29 Jul 2021 20:00

Tgt Ion:264 Resp: 18688
 Ion Ratio Lower Upper
 264 100
 260 26.7 19.6 29.4
 265 23.6 17.2 25.8

