

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060421\
 Data File : BF124130.D
 Acq On : 4 Jun 2021 9:50
 Operator : JU/CG
 Sample : PB136792BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136792BL

Quant Time: Jun 04 10:55:23 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 04 09:56:24 2021
 Response via : Initial Calibration

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

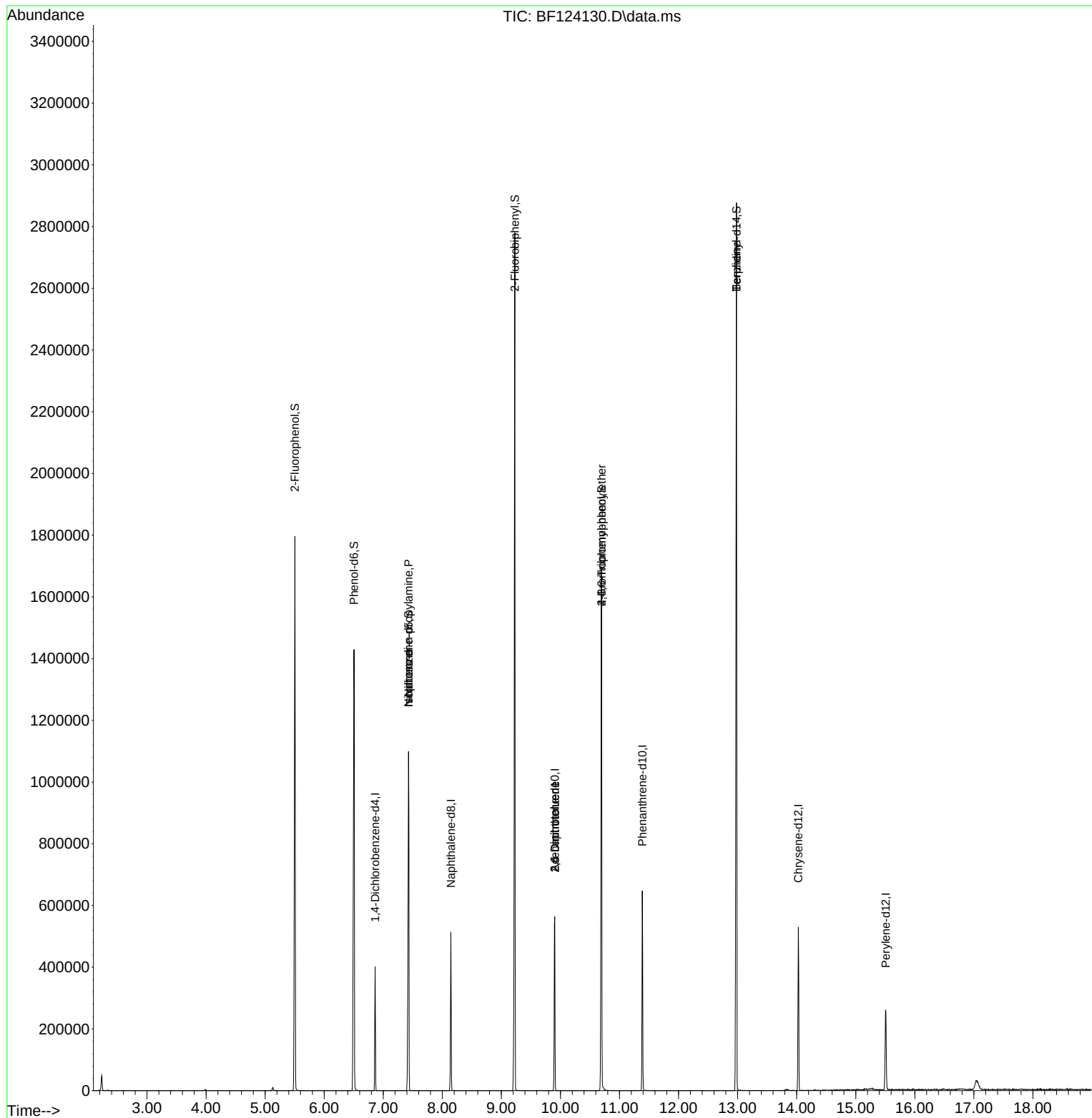
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	47409	20.00	ng	0.00
21) Naphthalene-d8	8.145	136	185047	20.00	ng	0.00
39) Acenaphthene-d10	9.904	164	113214	20.00	ng	0.00
64) Phenanthrene-d10	11.386	188	211651	20.00	ng	0.00
76) Chrysene-d12	14.027	240	167090	20.00	ng	0.00
86) Perylene-d12	15.509	264	118699	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	415761	132.01	ng	0.01
7) Phenol-d6	6.504	99	518529	122.49	ng	0.00
23) Nitrobenzene-d5	7.428	82	397457	85.19	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	195923	122.15	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	751140	83.49	ng	0.00
79) Terphenyl-d14	12.980	244	911903	74.93	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	57479	19.23	ng	# 70
25) Isophorone	7.428	82	397113	47.23	ng	# 69
51) 2,6-Dinitrotoluene	9.904	165	15121	7.04	ng	# 10
57) 2,4-Dinitrotoluene	9.904	165	15121	5.34	ng	# 15
67) 4-Bromophenyl-phenylether	10.698	248	12984	4.47	ng	# 1
77) Benzidine	12.980	184	15877	7.79	ng	# 83

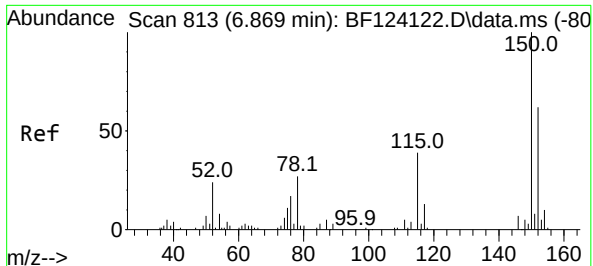
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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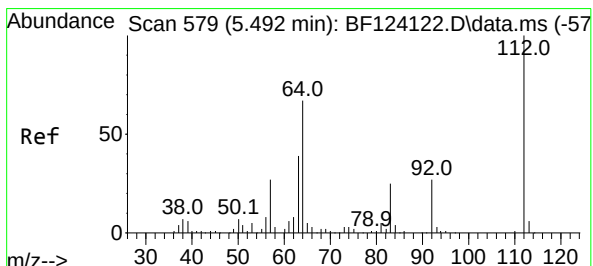
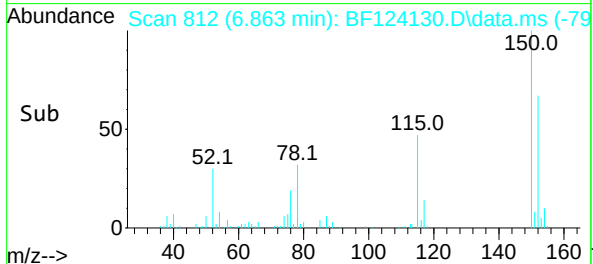
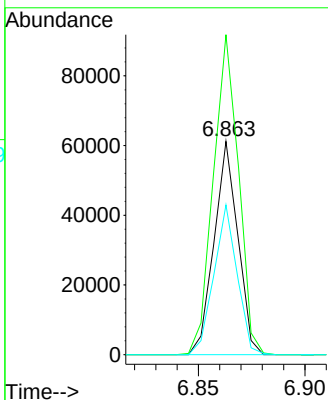
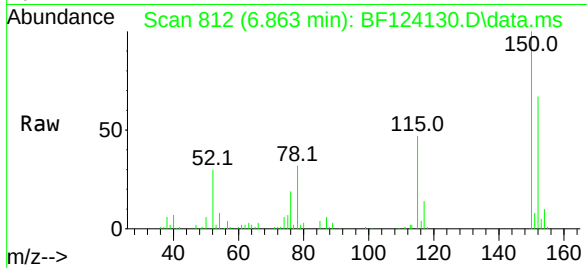




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF124130.D
Acq: 4 Jun 2021 9:50

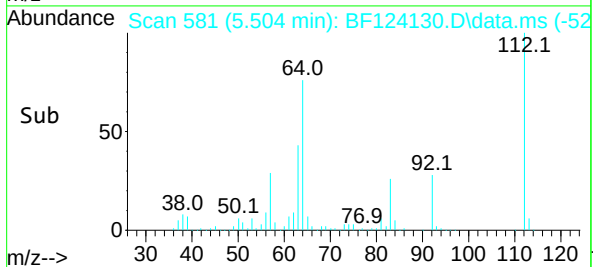
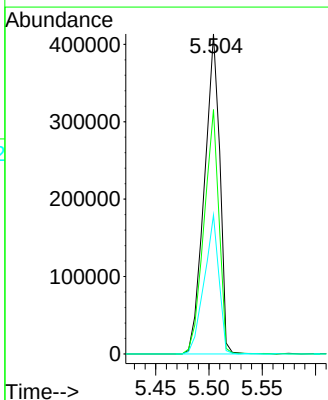
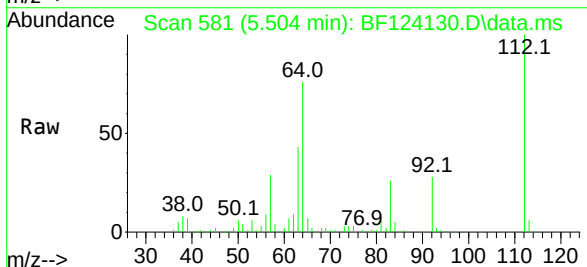
Instrument :
BNA_F
ClientSampleId :
PB136792BL

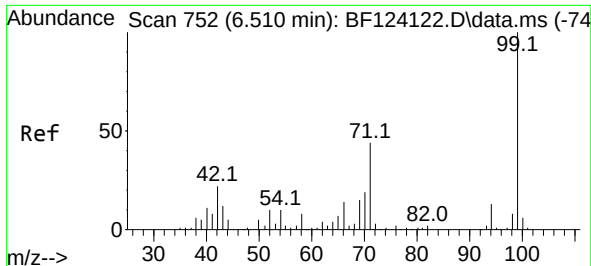
Tgt Ion:152 Resp: 47409
Ion Ratio Lower Upper
152 100
150 150.0 127.0 190.6
115 70.2 54.3 81.5



#5
2-Fluorophenol
Concen: 132.01 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF124130.D
Acq: 4 Jun 2021 9:50

Tgt Ion:112 Resp: 415761
Ion Ratio Lower Upper
112 100
64 76.4 61.4 92.0
63 43.4 33.0 49.4

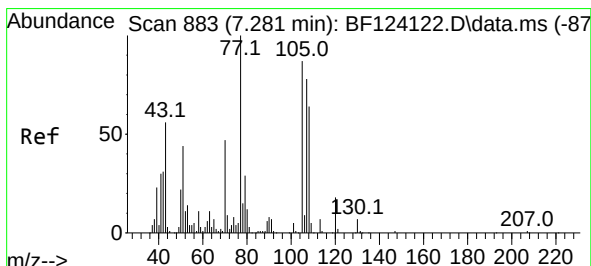
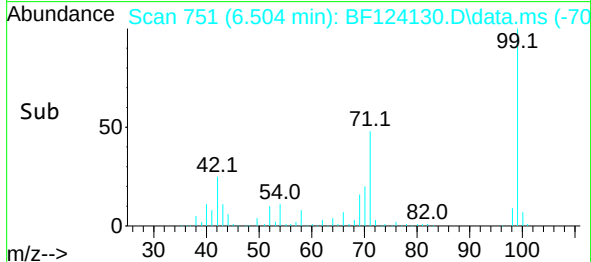
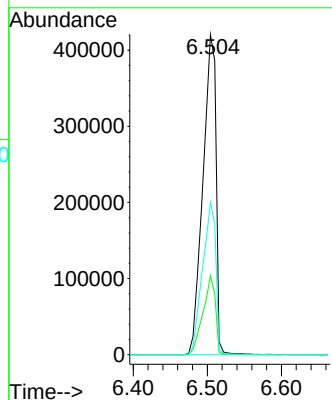
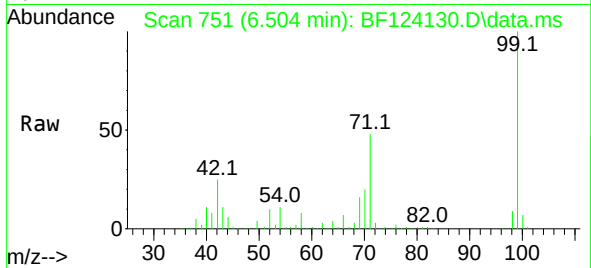




#7
Phenol-d6
Concen: 122.49 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124130.D
Acq: 4 Jun 2021 9:50

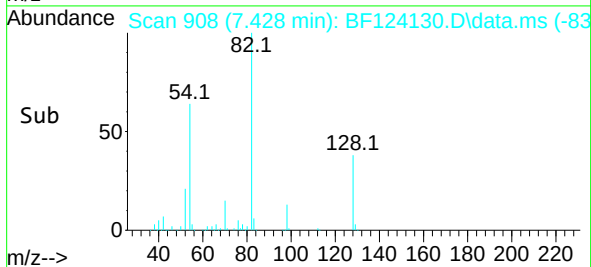
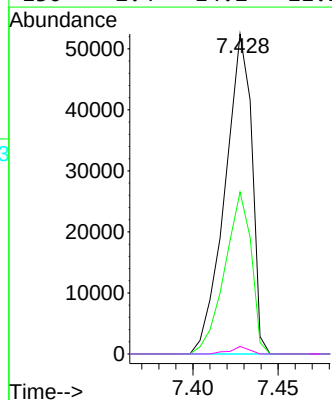
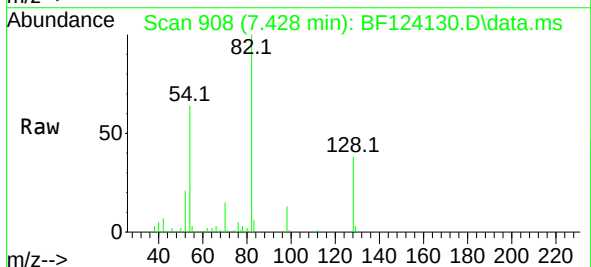
Instrument :
BNA_F
ClientSampleId :
PB136792BL

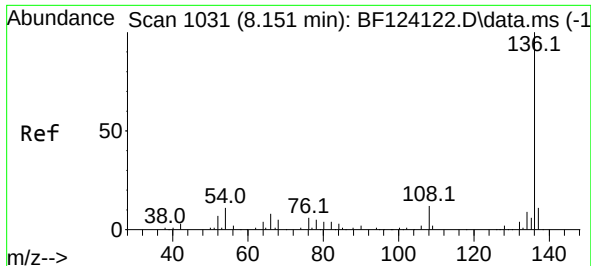
Tgt Ion: 99 Resp: 518529
Ion Ratio Lower Upper
99 100
42 24.7 19.8 29.8
71 47.5 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 19.23 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF124130.D
Acq: 4 Jun 2021 9:50

Tgt Ion: 70 Resp: 57479
Ion Ratio Lower Upper
70 100
42 50.6 60.1 90.1#
101 0.0 7.4 11.2#
130 2.4 14.2 21.2#

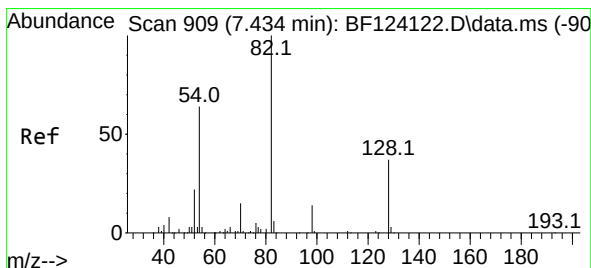
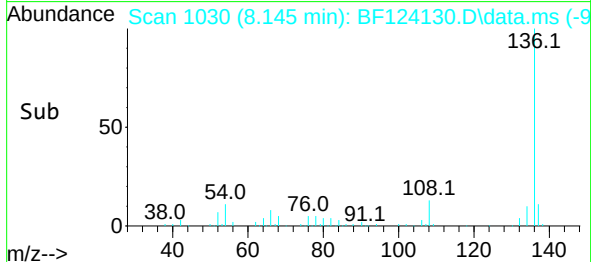
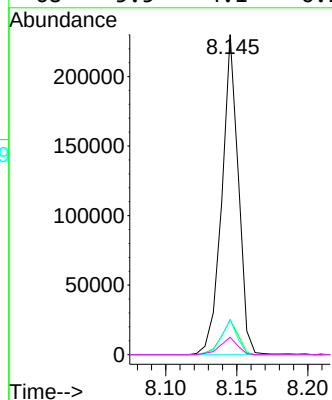
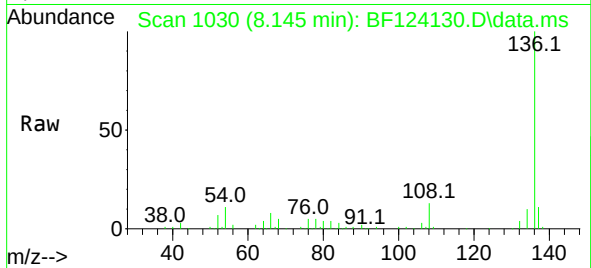




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.145 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF124130.D
Acq: 4 Jun 2021 9:50

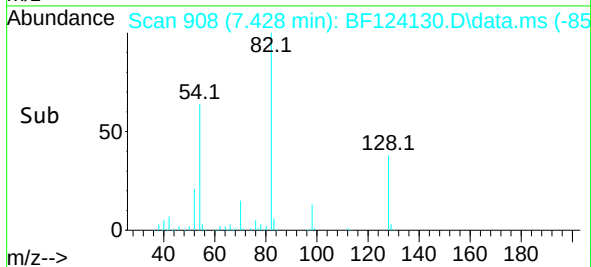
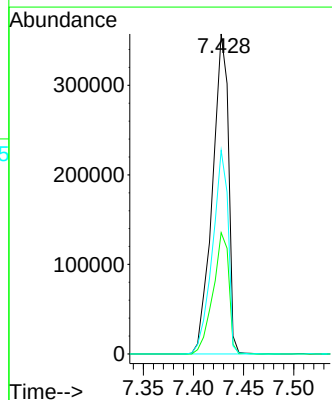
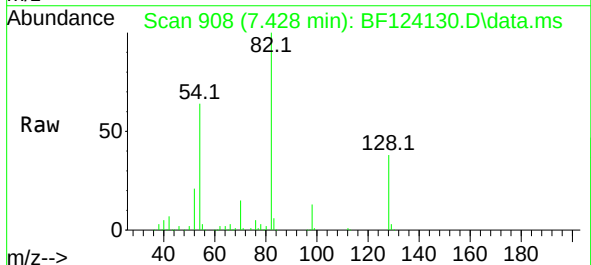
Instrument :
BNA_F
ClientSampleId :
PB136792BL

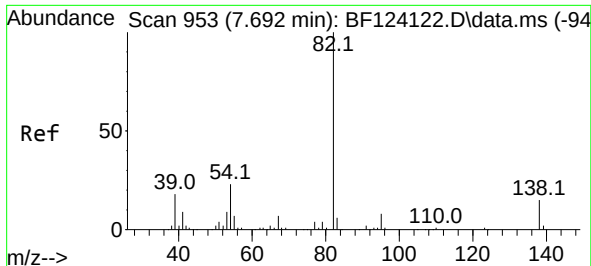
Tgt	Ion:136	Resp:	185047
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	10.9	9.8	14.6
68	5.5	4.1	6.1



#23
Nitrobenzene-d5
Concen: 85.19 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF124130.D
Acq: 4 Jun 2021 9:50

Tgt Ion: 82	Resp: 397457
Ion Ratio	Lower Upper
82 100	
128 37.9	29.4 44.2
54 63.7	54.1 81.1

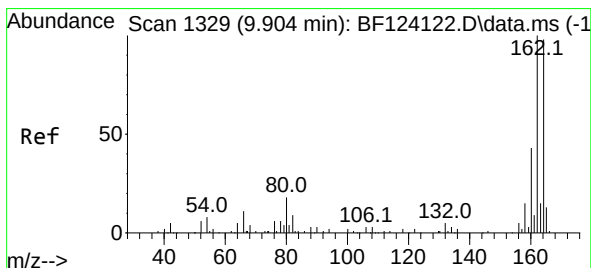
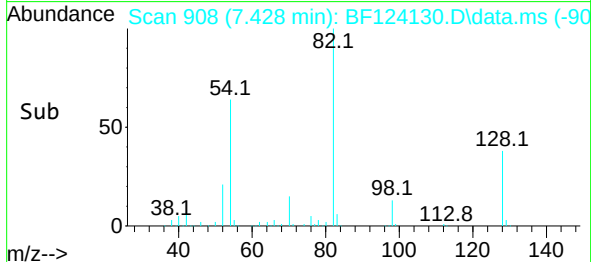
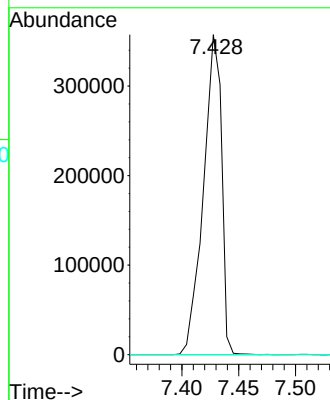
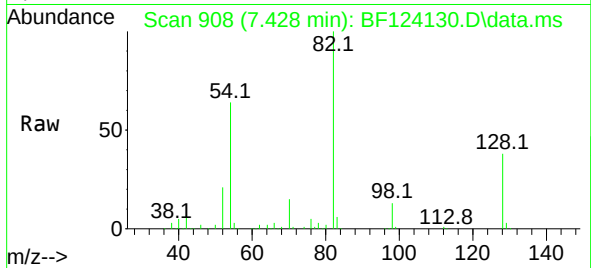




#25
Isophorone
Concen: 47.23 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF124130.D
Acq: 4 Jun 2021 9:50

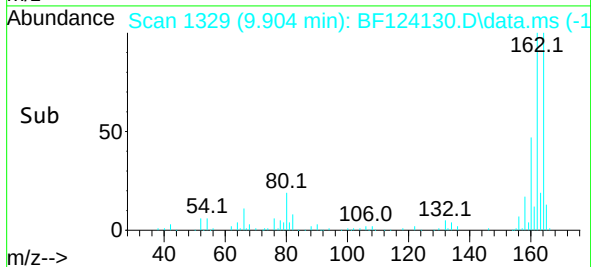
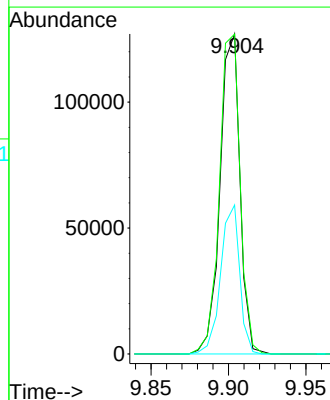
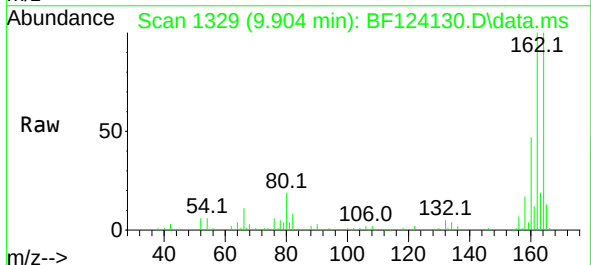
Instrument :
BNA_F
ClientSampleId :
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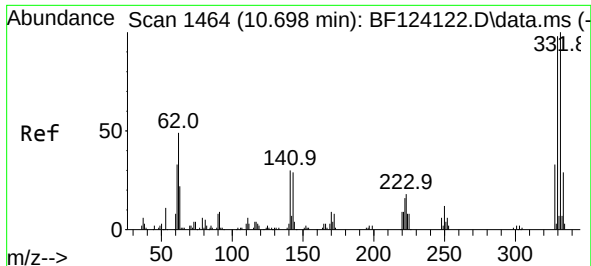
Tgt Ion: 82 Resp: 397113
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF124130.D
Acq: 4 Jun 2021 9:50

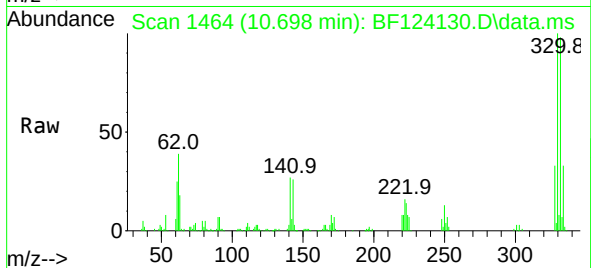
Tgt Ion:164 Resp: 113214
Ion Ratio Lower Upper
164 100
162 100.0 80.7 121.1
160 46.5 37.3 55.9



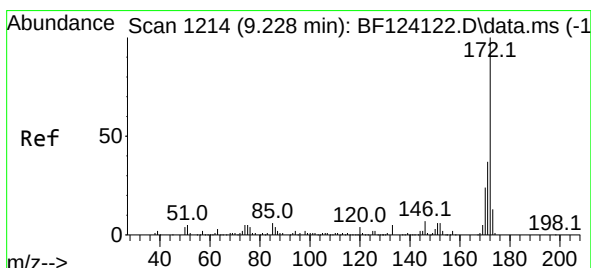
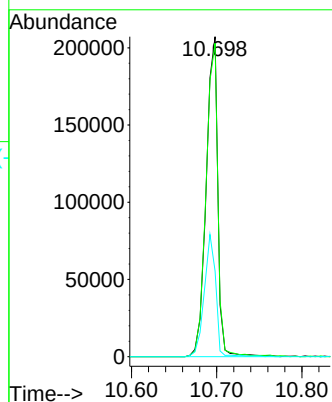
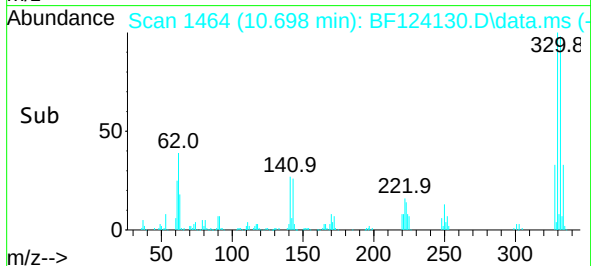


#42
2,4,6-Tribromophenol
Concen: 122.15 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF124130.D
Acq: 4 Jun 2021 9:50

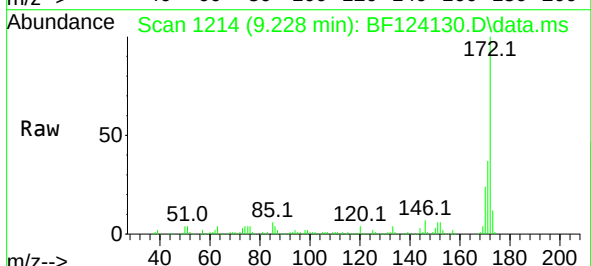
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BNA_F
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PB136792BL



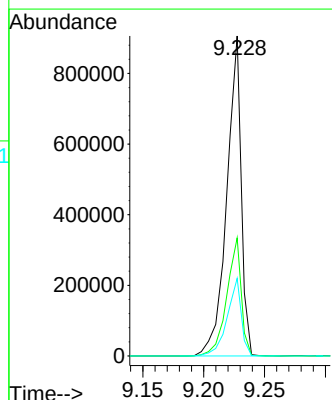
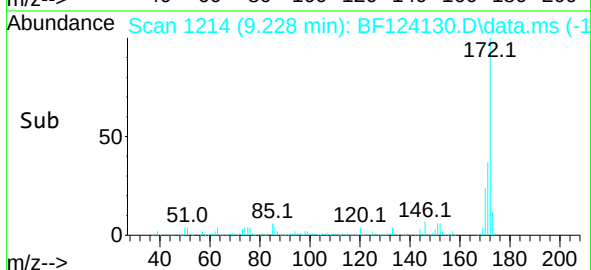
Tgt Ion: 330 Resp: 195923
Ion Ratio Lower Upper
330 100
332 99.6 77.1 115.7
141 37.9 27.9 41.9

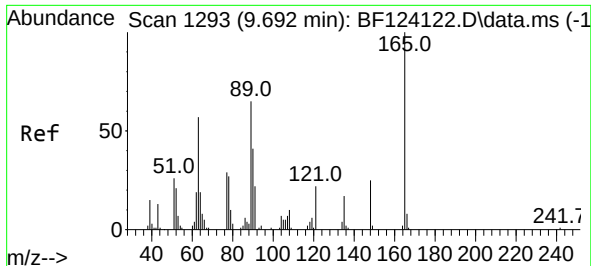


#45
2-Fluorobiphenyl
Concen: 83.49 ng
RT: 9.228 min Scan# 1214
Delta R.T. 0.000 min
Lab File: BF124130.D
Acq: 4 Jun 2021 9:50



Tgt Ion: 172 Resp: 751140
Ion Ratio Lower Upper
172 100
171 36.9 28.1 42.1
170 24.3 19.2 28.8

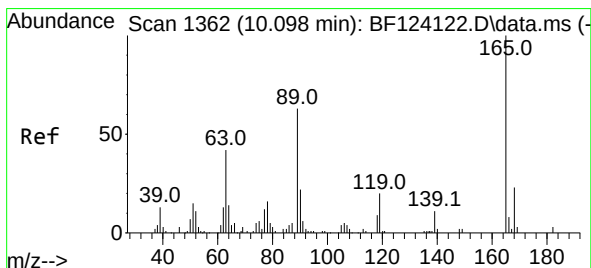
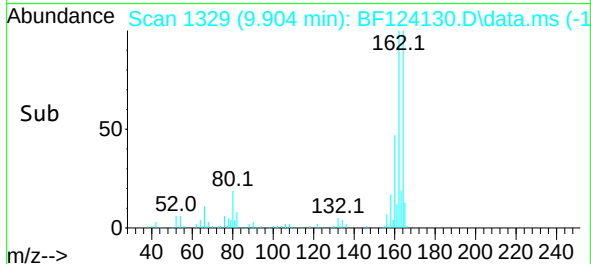
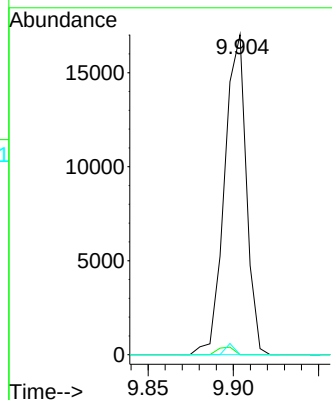
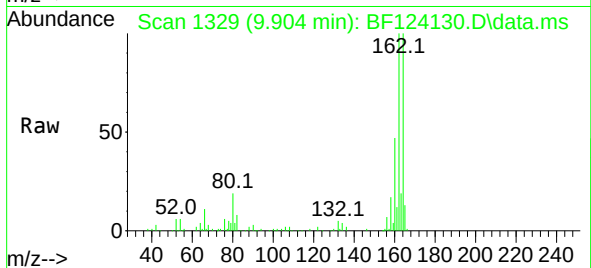




#51
2,6-Dinitrotoluene
Concen: 7.04 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF124130.D
Acq: 4 Jun 2021 9:50

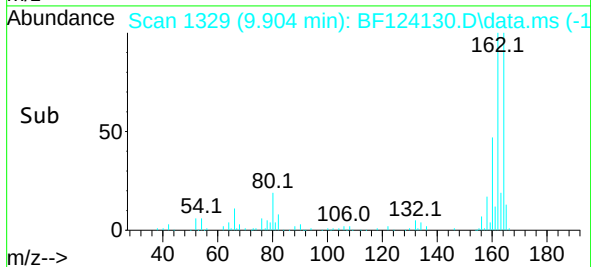
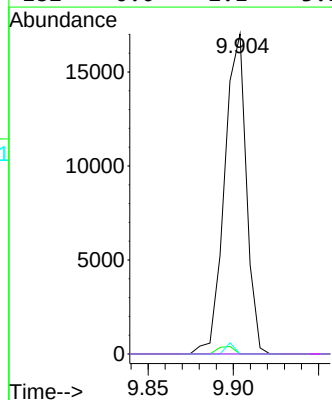
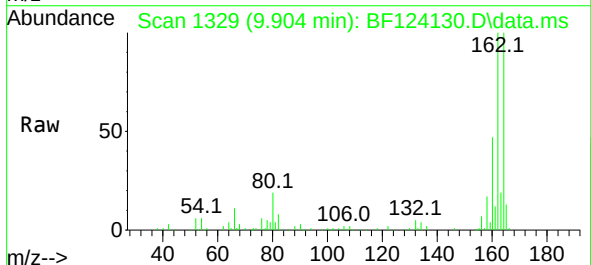
Instrument :
BNA_F
ClientSampleId :
PB136792BL

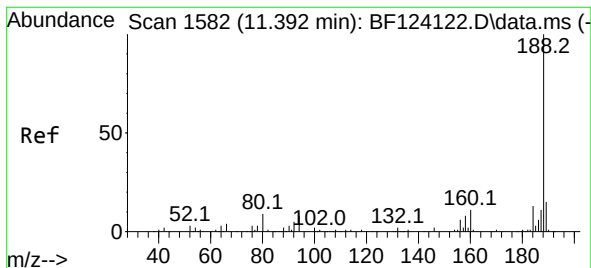
Tgt Ion:165 Resp: 15121
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.34 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF124130.D
Acq: 4 Jun 2021 9:50

Tgt Ion:165 Resp: 15121
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

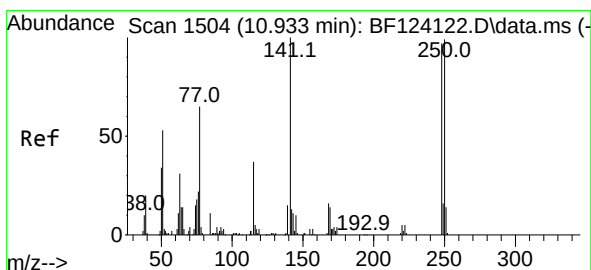
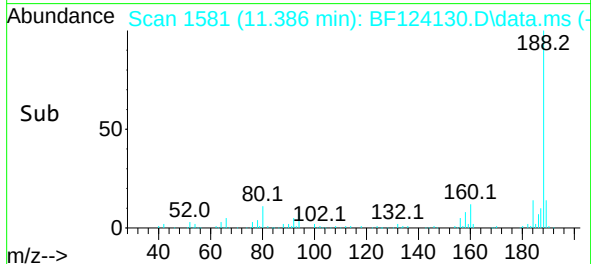
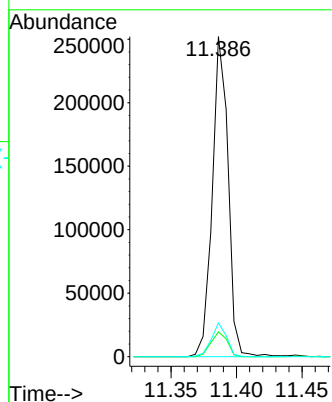
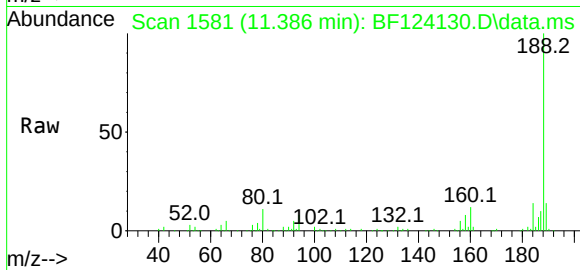




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124130.D
Acq: 4 Jun 2021 9:50

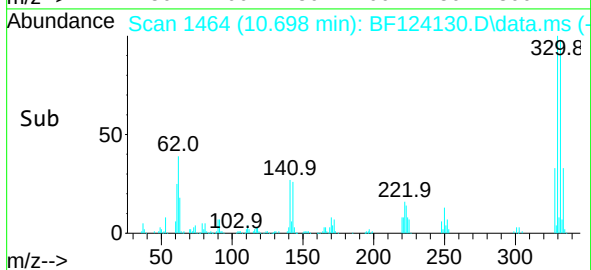
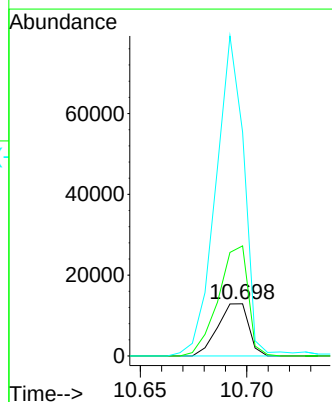
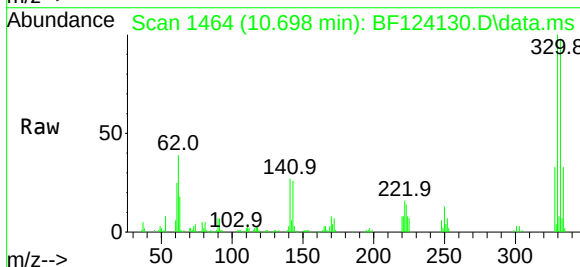
Instrument :
BNA_F
ClientSampleId :
PB136792BL

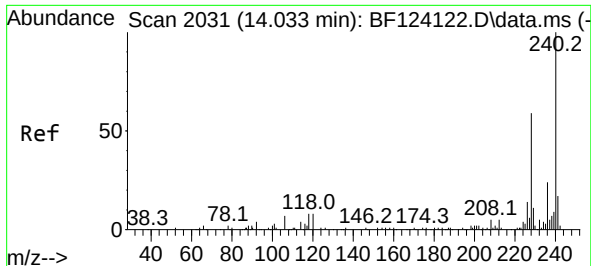
Tgt Ion:188 Resp: 211651
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 10.6 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.47 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.235 min
Lab File: BF124130.D
Acq: 4 Jun 2021 9:50

Tgt Ion:248 Resp: 12984
Ion Ratio Lower Upper
248 100
250 211.4 77.4 116.2#
141 429.7 63.7 95.5#

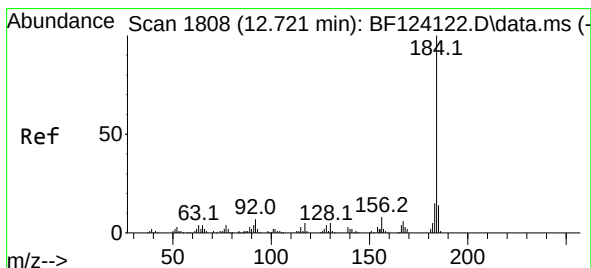
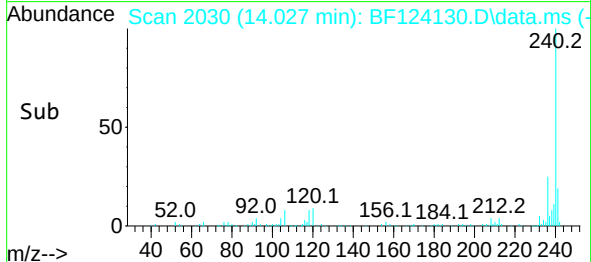
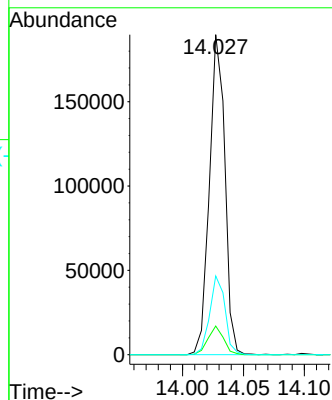
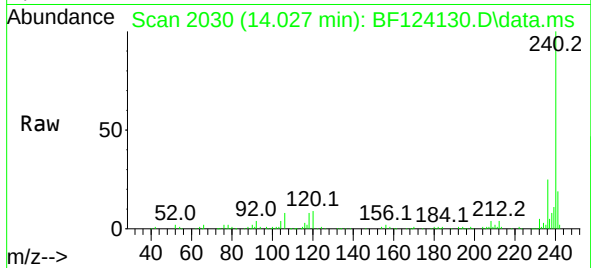




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF124130.D
Acq: 4 Jun 2021 9:50

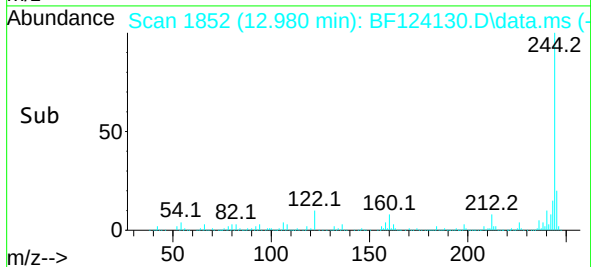
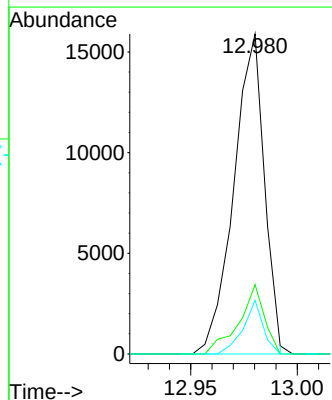
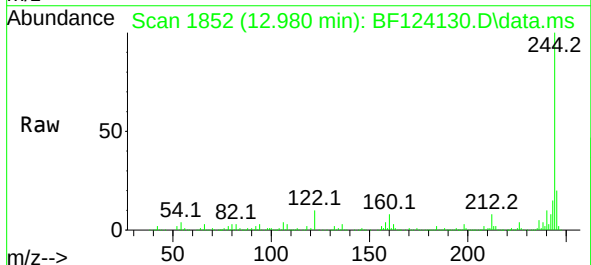
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BNA_F
ClientSampleId :
PB136792BL

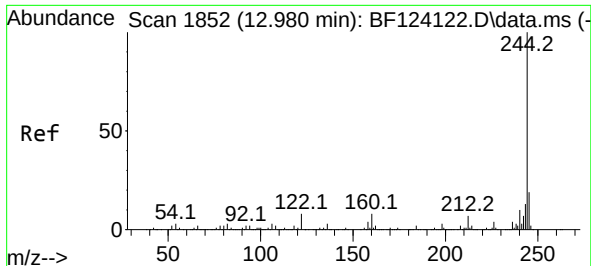
Tgt Ion:240 Resp: 167090
Ion Ratio Lower Upper
240 100
120 8.9 7.2 10.8
236 24.6 19.0 28.4



#77
Benzidine
Concen: 7.79 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.259 min
Lab File: BF124130.D
Acq: 4 Jun 2021 9:50

Tgt Ion:184 Resp: 15877
Ion Ratio Lower Upper
184 100
185 21.7 12.1 18.1#
183 16.8 7.8 11.8#

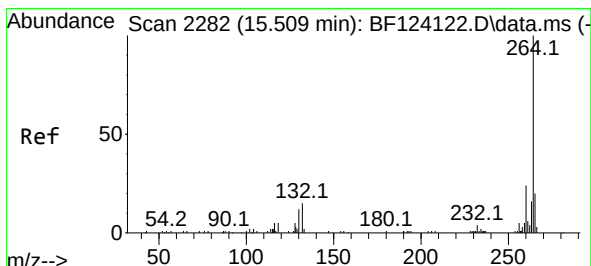
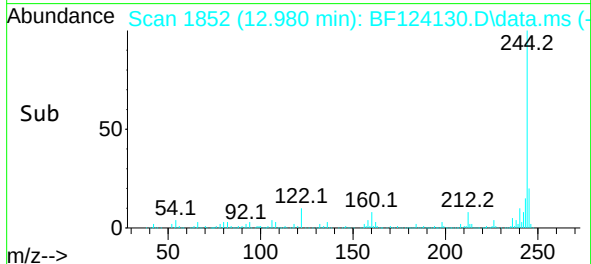
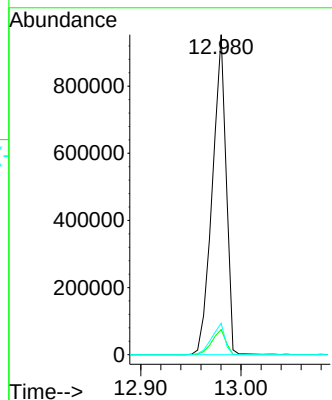
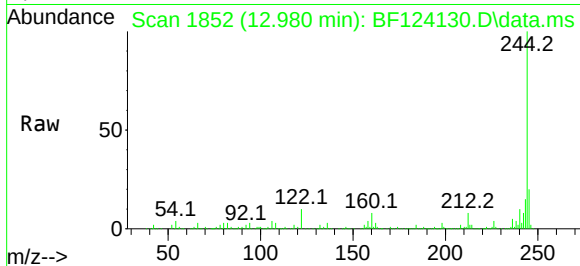




#79
 Terphenyl-d14
 Concen: 74.93 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: BF124130.D
 Acq: 4 Jun 2021 9:50

Instrument :
 BNA_F
 ClientSampleId :
 PB136792BL

Tgt Ion:244 Resp: 911903
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 9.8 9.7 14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.509 min Scan# 2282
 Delta R.T. 0.000 min
 Lab File: BF124130.D
 Acq: 4 Jun 2021 9:50

Tgt Ion:264 Resp: 118699
 Ion Ratio Lower Upper
 264 100
 260 25.2 18.7 28.1
 265 22.2 17.8 26.8

