

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
 Data File : BF124178.D
 Acq On : 8 Jun 2021 13:51
 Operator : JU/CG
 Sample : M2615-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1245

Quant Time: Jun 08 14:14:16 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF060321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 07 13:32:21 2021
 Response via : Initial Calibration

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

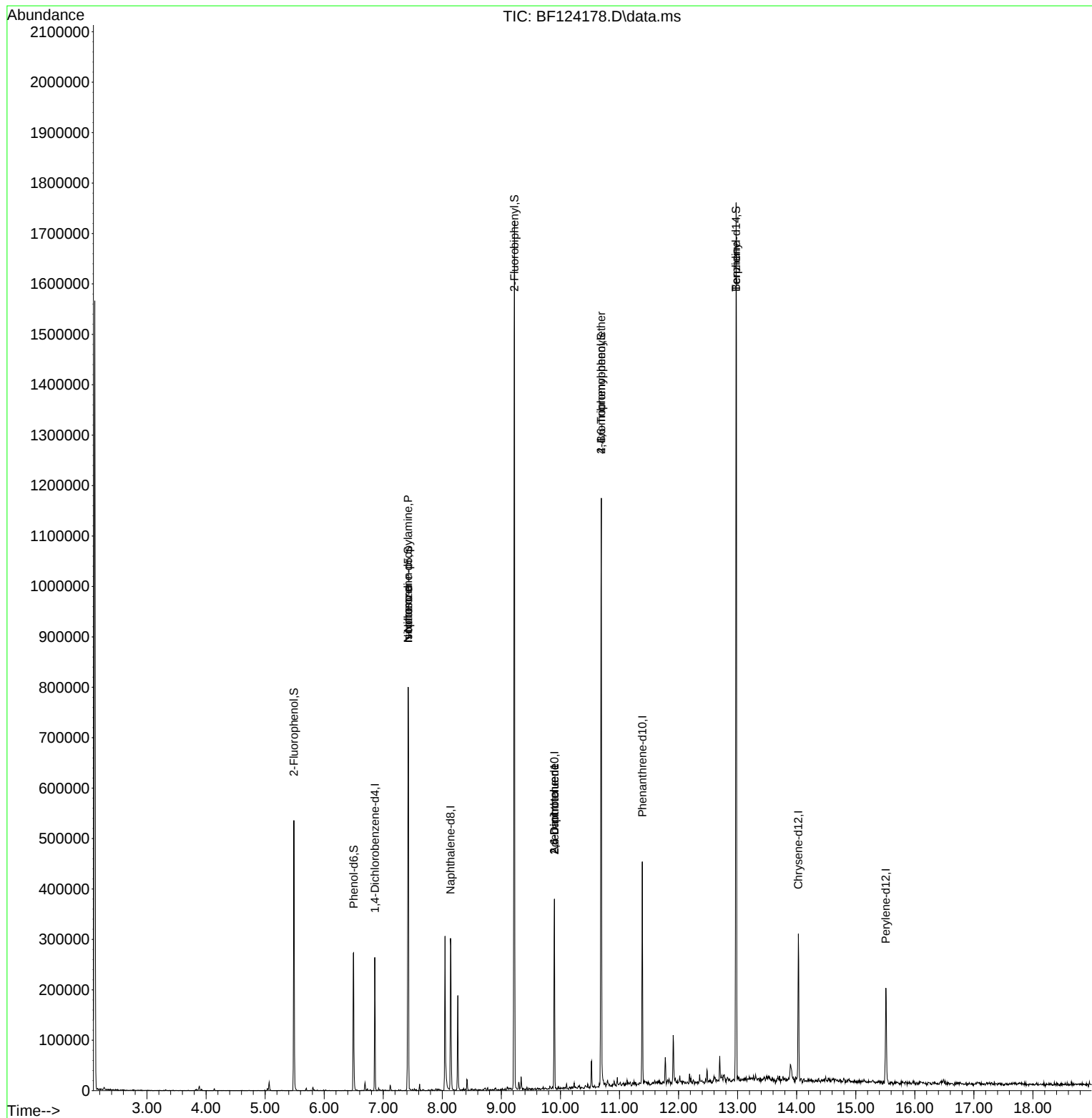
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	29348	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	109899	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	72896	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	134796	20.000	ng	0.00
76) Chrysene-d12	14.027	240	89987	20.000	ng	0.00
86) Perylene-d12	15.509	264	77488	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	104856	53.784	ng	0.00
7) Phenol-d6	6.498	99	76224	29.087	ng	-0.01
23) Nitrobenzene-d5	7.422	82	257193	92.818	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	126882	122.857	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	483123	83.399	ng	0.00
79) Terphenyl-d14	12.974	244	540023	82.393	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	40721	22.013	ng	# 66
25) Isophorone	7.422	82	257186	51.507	ng	# 69
51) 2,6-Dinitrotoluene	9.898	165	9412	6.806	ng	# 12
57) 2,4-Dinitrotoluene	9.898	165	9412	5.161	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	8465	4.575	ng	# 1
77) Benzidine	12.974	184	10367	8.586	ng	# 92

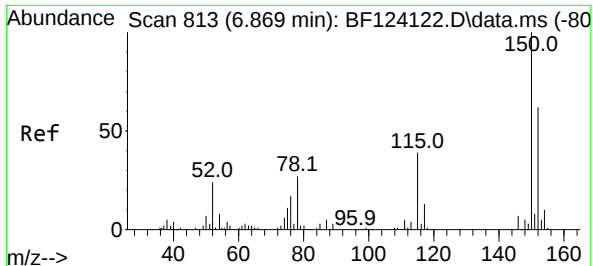
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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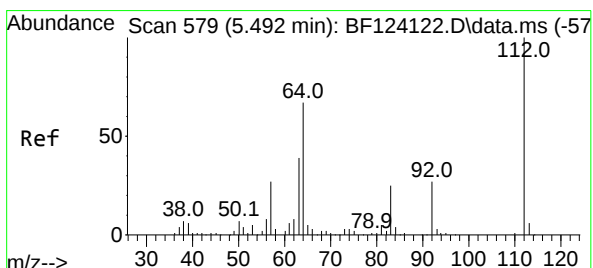
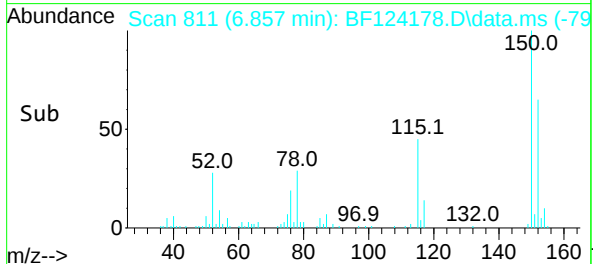
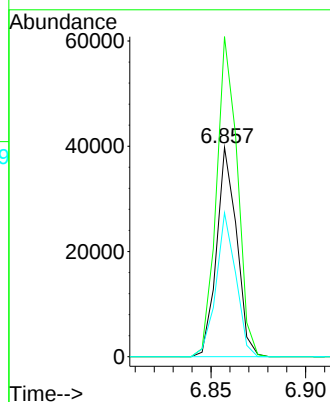
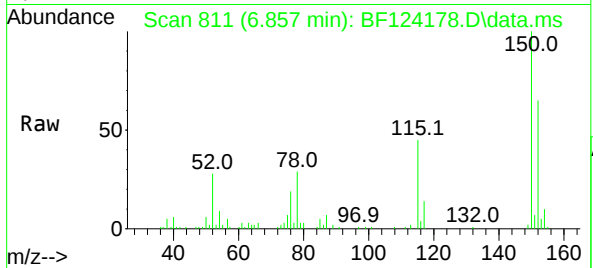




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF124178.D
Acq: 8 Jun 2021 13:51

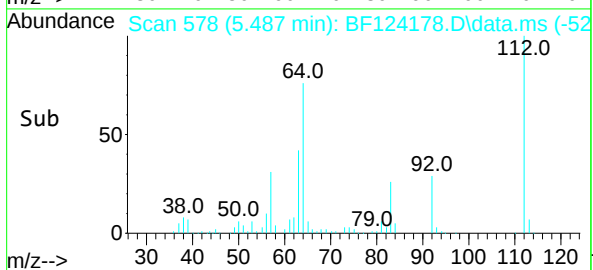
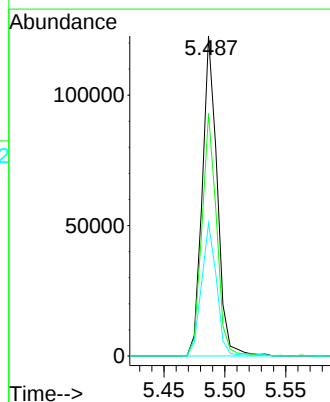
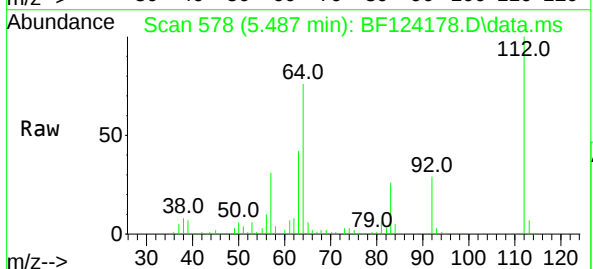
Instrument :
BNA_F
ClientSampleId :
1245

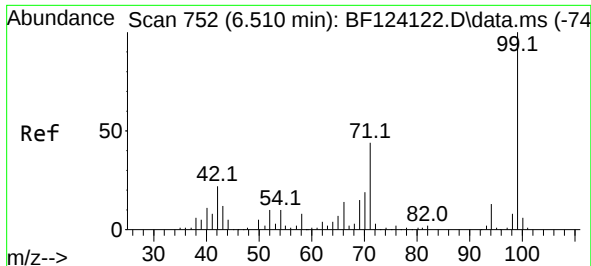
Tgt Ion:152 Resp: 29348
Ion Ratio Lower Upper
152 100
150 152.9 127.0 190.6
115 68.7 54.3 81.5



#5
2-Fluorophenol
Concen: 53.784 ng
RT: 5.487 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF124178.D
Acq: 8 Jun 2021 13:51

Tgt Ion:112 Resp: 104856
Ion Ratio Lower Upper
112 100
64 75.7 61.4 92.0
63 41.5 33.0 49.4

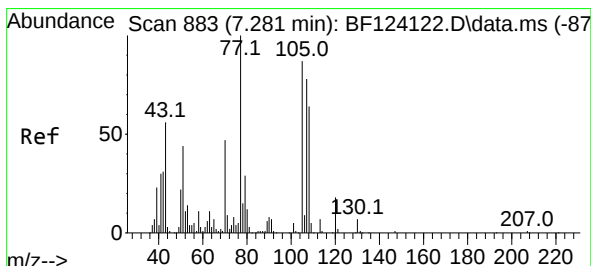
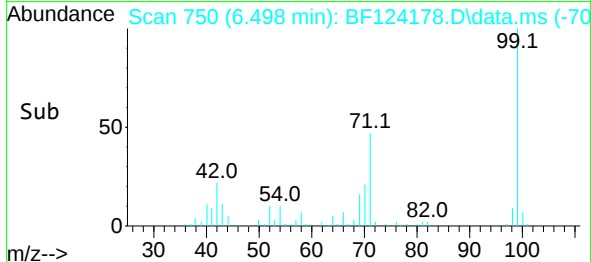
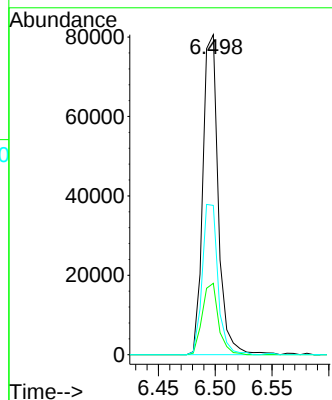
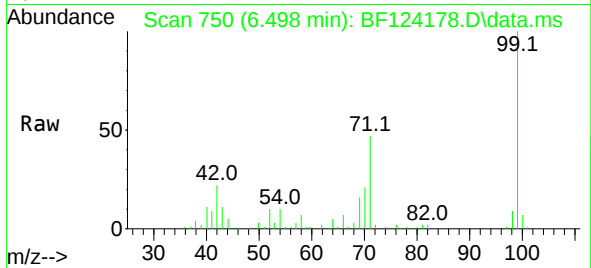




#7
Phenol-d6
Concen: 29.087 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.012 min
Lab File: BF124178.D
Acq: 8 Jun 2021 13:51

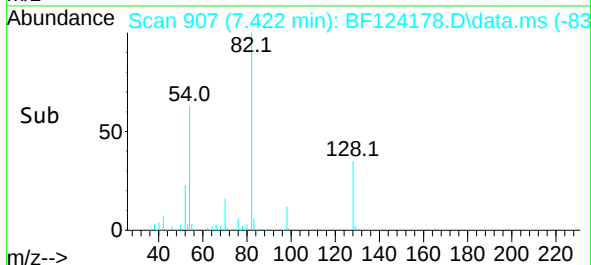
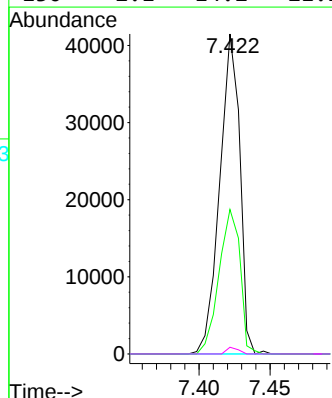
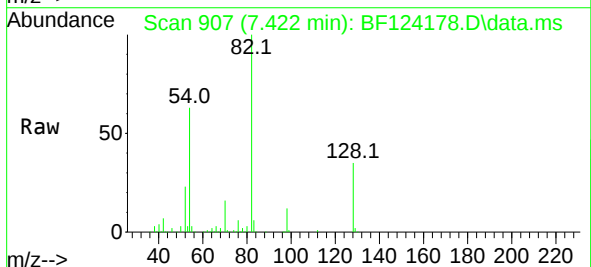
Instrument :
BNA_F
ClientSampleId :
1245

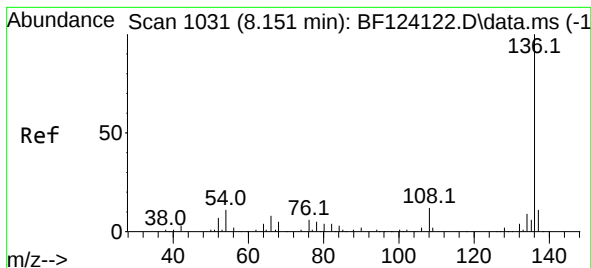
Tgt Ion: 99 Resp: 76224
Ion Ratio Lower Upper
99 100
42 22.3 19.8 29.8
71 46.7 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 22.013 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF124178.D
Acq: 8 Jun 2021 13:51

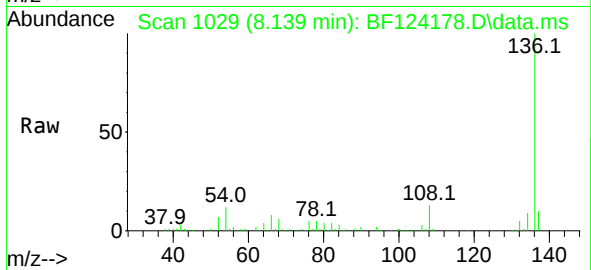
Tgt Ion: 70 Resp: 40721
Ion Ratio Lower Upper
70 100
42 45.1 60.1 90.1#
101 0.0 7.4 11.2#
130 2.1 14.2 21.2#



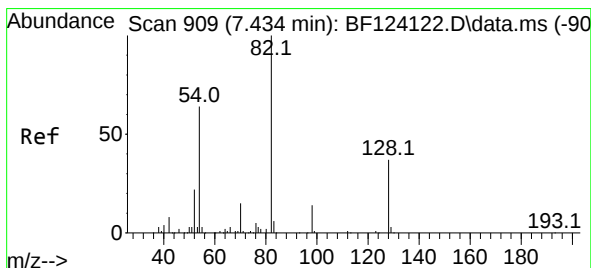
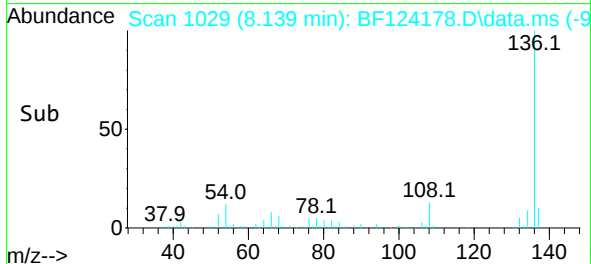
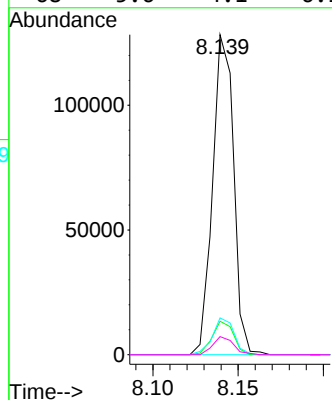


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF124178.D
Acq: 8 Jun 2021 13:51

Instrument :
BNA_F
ClientSampleId :
1245

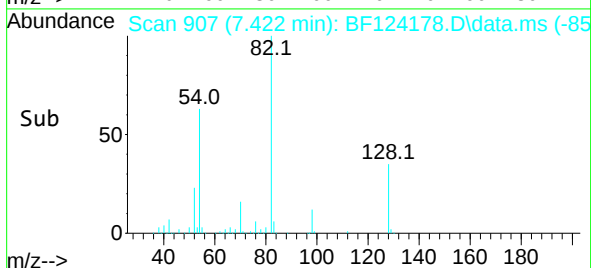
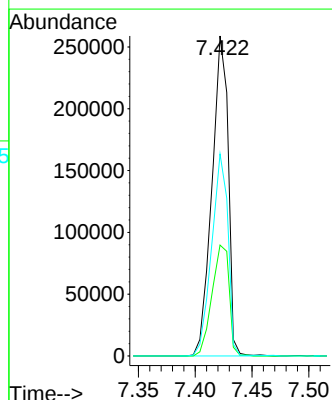
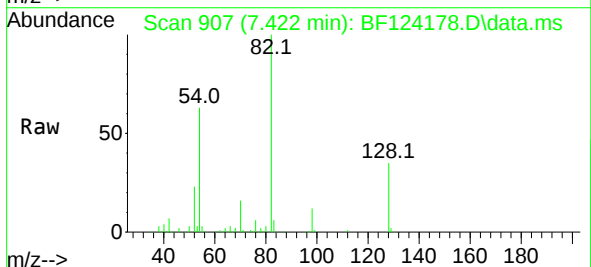


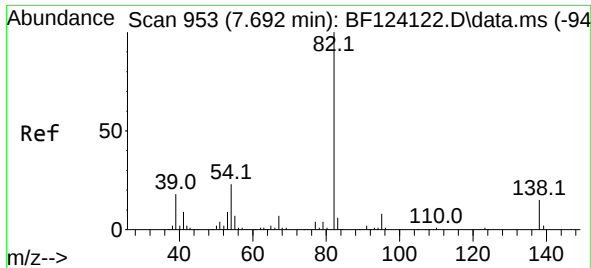
Tgt Ion:136 Resp: 109899
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 11.5 9.8 14.6
68 5.6 4.1 6.1



#23
Nitrobenzene-d5
Concen: 92.818 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF124178.D
Acq: 8 Jun 2021 13:51

Tgt Ion: 82 Resp: 257193
Ion Ratio Lower Upper
82 100
128 34.7 29.4 44.2
54 63.2 54.1 81.1

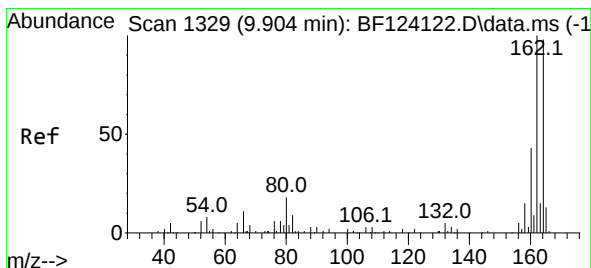
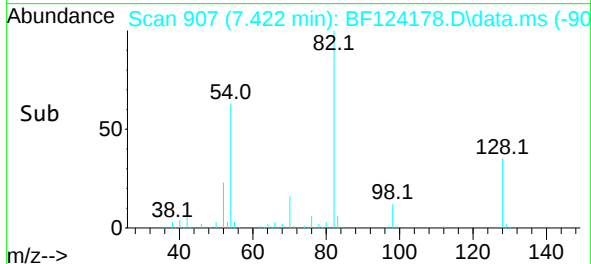
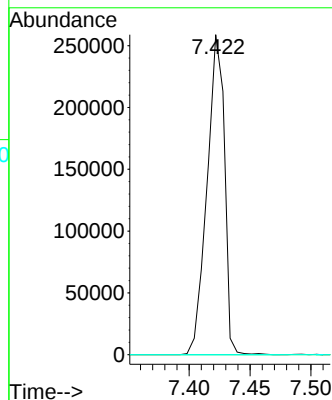
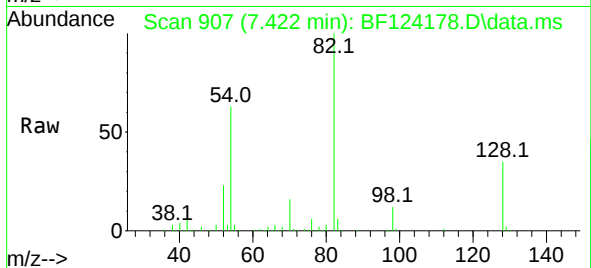




#25
Isophorone
Concen: 51.507 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.271 min
Lab File: BF124178.D
Acq: 8 Jun 2021 13:51

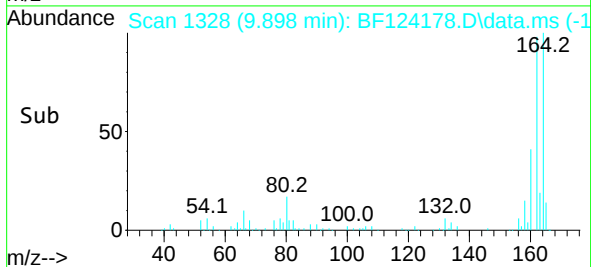
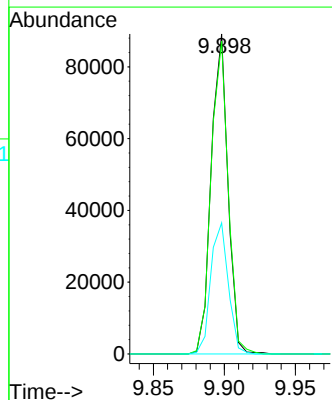
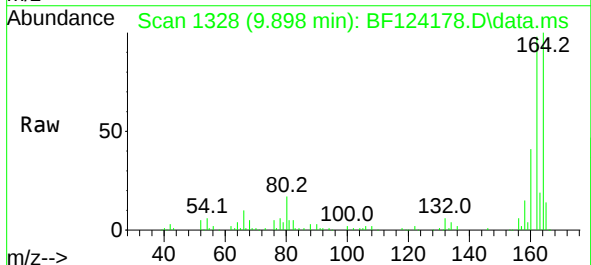
Instrument :
BNA_F
ClientSampleId :
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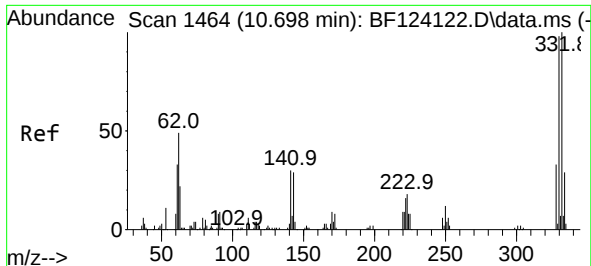
Tgt Ion: 82 Resp: 257186
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF124178.D
Acq: 8 Jun 2021 13:51

Tgt Ion:164 Resp: 72896
Ion Ratio Lower Upper
164 100
162 97.8 80.7 121.1
160 41.0 37.3 55.9

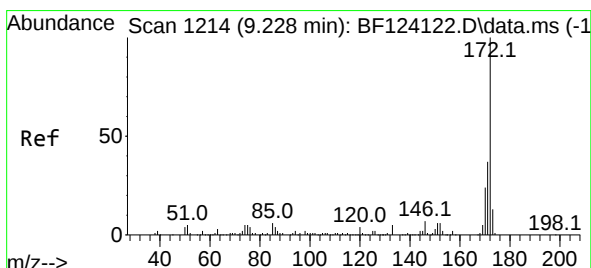
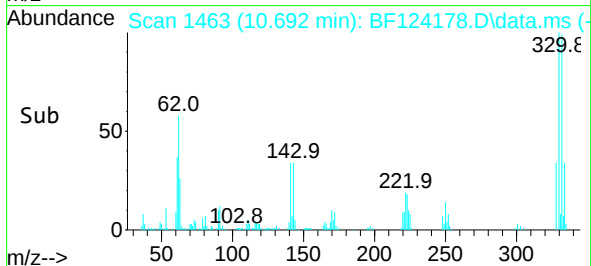
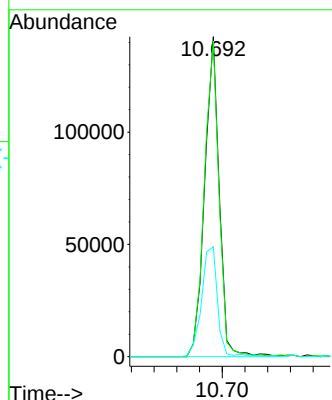
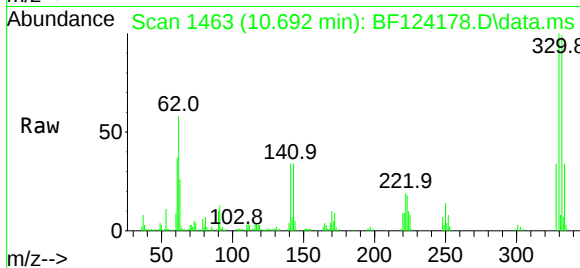




#42
2,4,6-Tribromophenol
Concen: 122.857 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124178.D
Acq: 8 Jun 2021 13:51

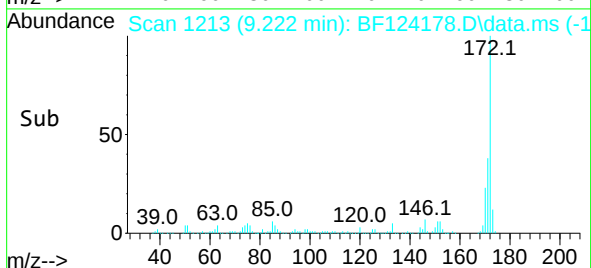
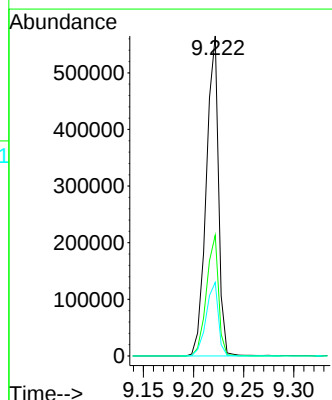
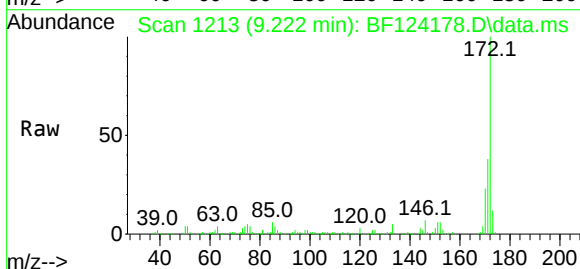
Instrument :
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ClientSampleId :
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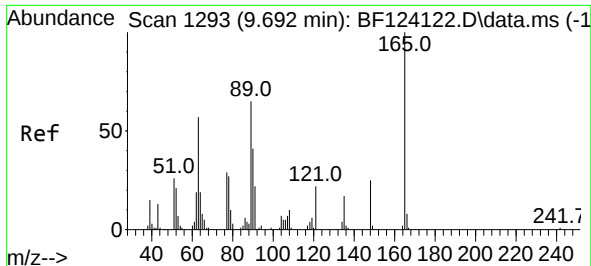
Tgt Ion:330 Resp: 126882
Ion Ratio Lower Upper
330 100
332 99.1 77.1 115.7
141 37.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 83.399 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124178.D
Acq: 8 Jun 2021 13:51

Tgt Ion:172 Resp: 483123
Ion Ratio Lower Upper
172 100
171 37.8 28.1 42.1
170 23.0 19.2 28.8

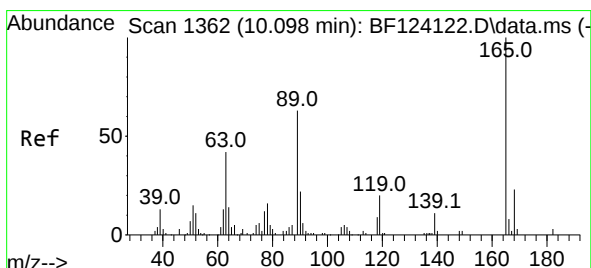
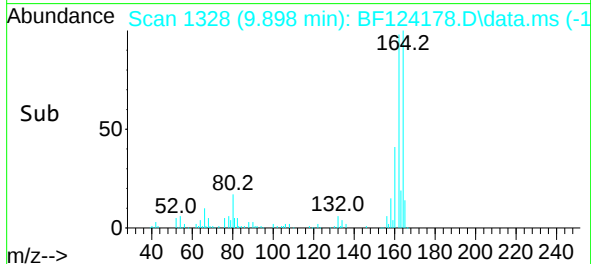
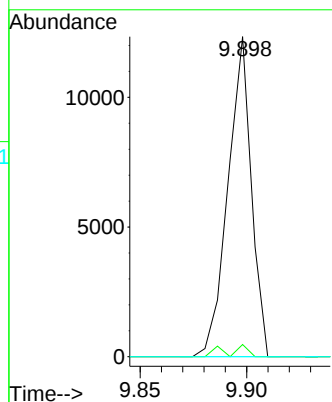
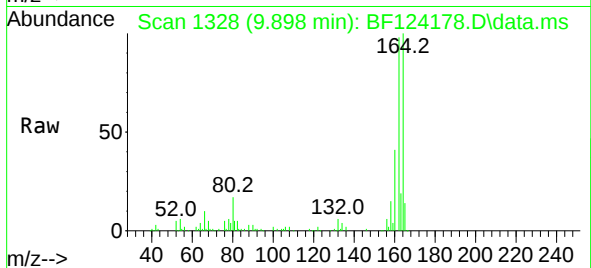




#51
2,6-Dinitrotoluene
Concen: 6.806 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF124178.D
Acq: 8 Jun 2021 13:51

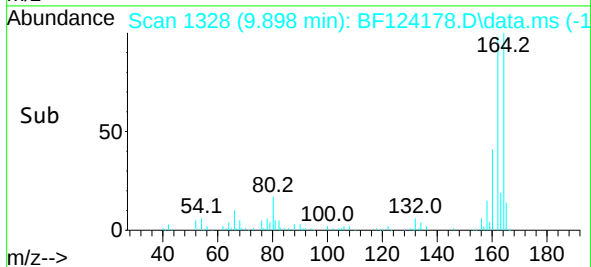
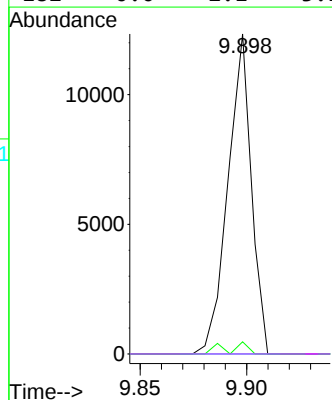
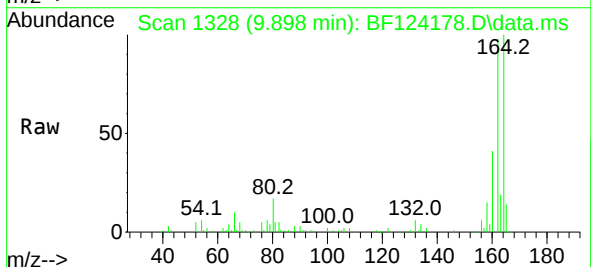
Instrument :
BNA_F
ClientSampled :
1245

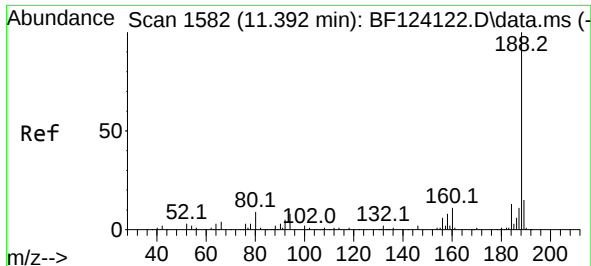
Tgt Ion:165 Resp: 9412
Ion Ratio Lower Upper
165 100
63 3.8 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.161 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF124178.D
Acq: 8 Jun 2021 13:51

Tgt Ion:165 Resp: 9412
Ion Ratio Lower Upper
165 100
63 3.8 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

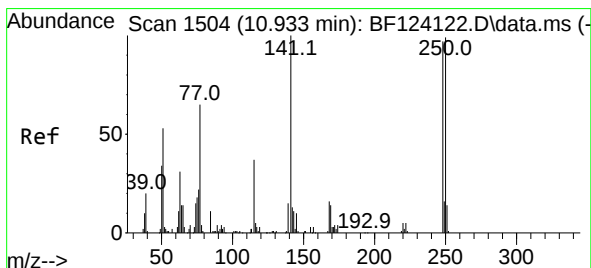
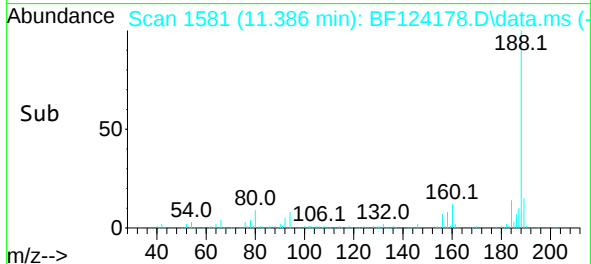
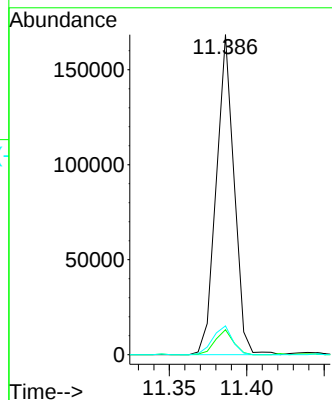
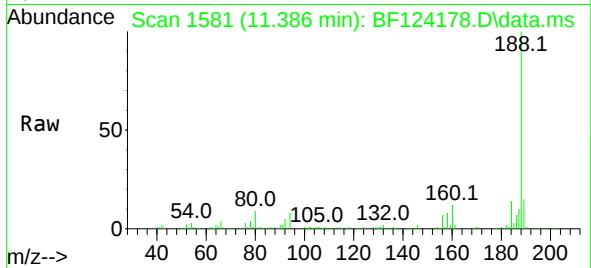




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124178.D
Acq: 8 Jun 2021 13:51

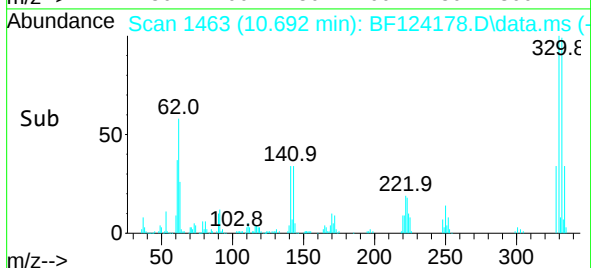
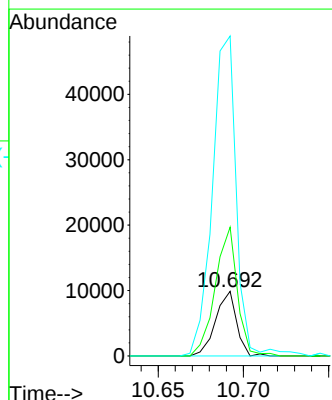
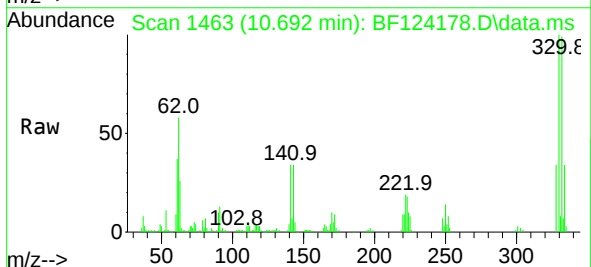
Instrument :
BNA_F
ClientSampleId :
1245

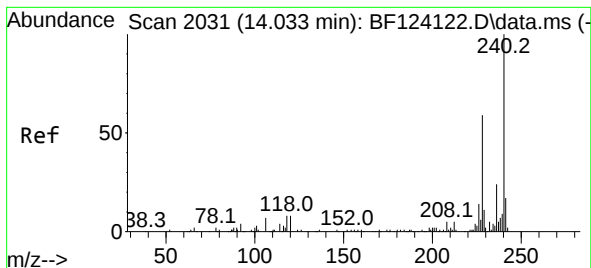
Tgt Ion:188 Resp: 134796
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 9.0 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.575 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF124178.D
Acq: 8 Jun 2021 13:51

Tgt Ion:248 Resp: 8465
Ion Ratio Lower Upper
248 100
250 199.5 77.4 116.2#
141 495.5 63.7 95.5#

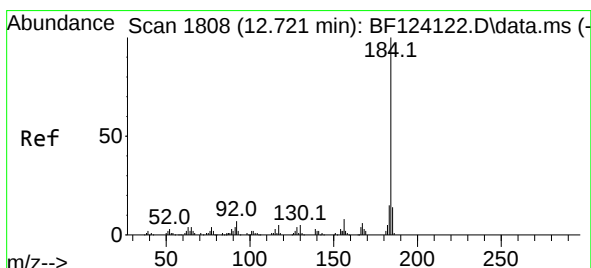
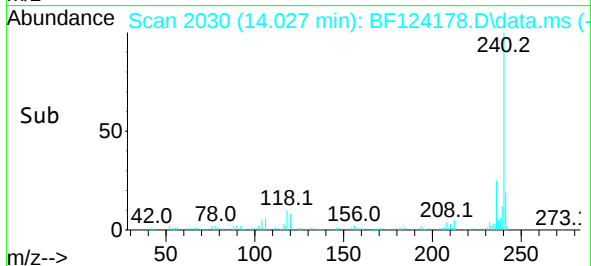
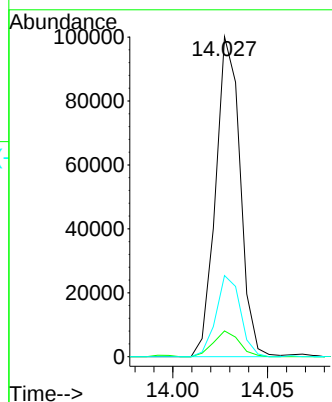
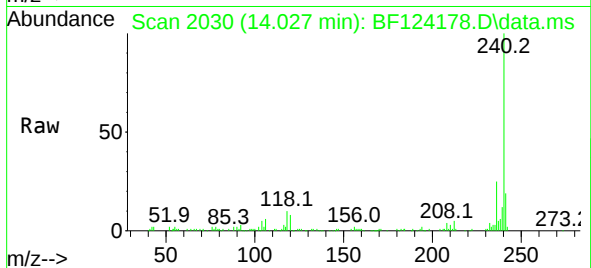




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF124178.D
Acq: 8 Jun 2021 13:51

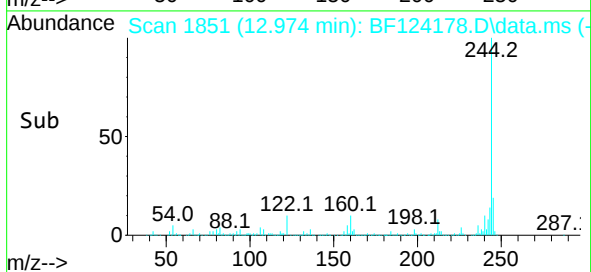
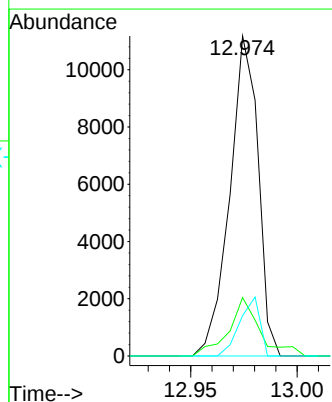
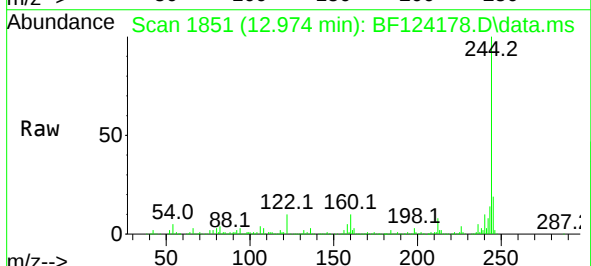
Instrument :
BNA_F
ClientSampleId :
1245

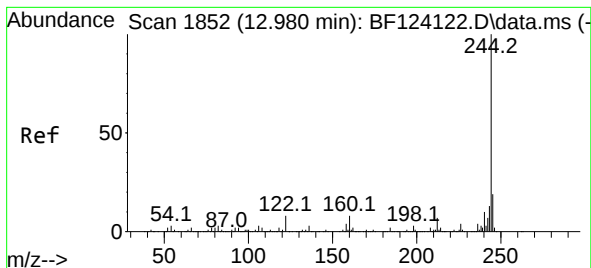
Tgt Ion:240 Resp: 89987
Ion Ratio Lower Upper
240 100
120 8.1 7.2 10.8
236 25.4 19.0 28.4



#77
Benzidine
Concen: 8.586 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.253 min
Lab File: BF124178.D
Acq: 8 Jun 2021 13:51

Tgt Ion:184 Resp: 10367
Ion Ratio Lower Upper
184 100
185 18.3 12.1 18.1#
183 12.6 7.8 11.8#





#79

Terphenyl-d14

Concen: 82.393 ng

RT: 12.974 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF124178.D

Acq: 8 Jun 2021 13:51

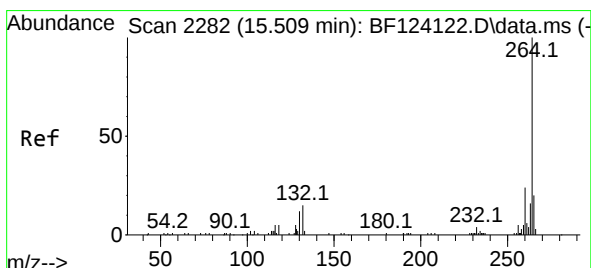
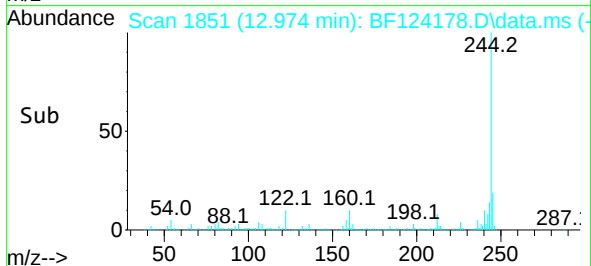
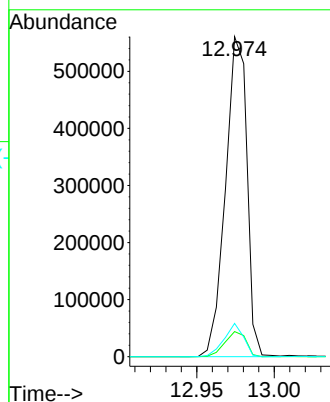
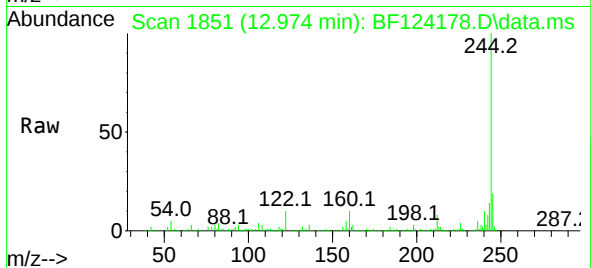
Tgt Ion:244 Resp: 540023

Ion Ratio Lower Upper

244 100

212 7.9 5.7 8.5

122 10.4 9.7 14.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2282

Delta R.T. 0.000 min

Lab File: BF124178.D

Acq: 8 Jun 2021 13:51

Tgt Ion:264 Resp: 77488

Ion Ratio Lower Upper

264 100

260 20.7 18.7 28.1

265 20.8 17.8 26.8

