

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
 Data File : BF124173.D
 Acq On : 8 Jun 2021 10:17
 Operator : JU/CG
 Sample : PB136847BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136847BL

Quant Time: Jun 08 11:28:44 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)

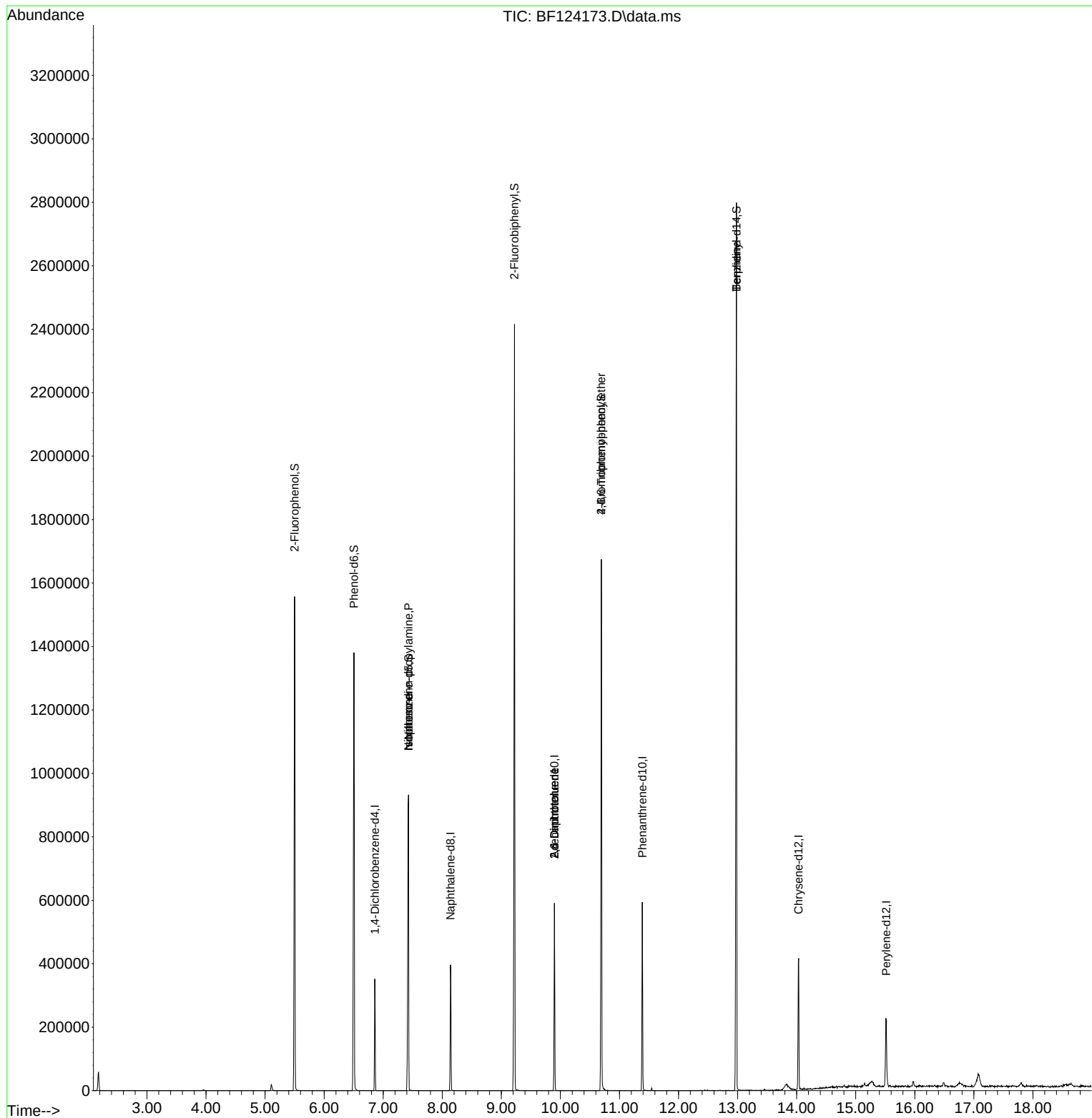
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	42486	20.000	ng	-0.01
21) Naphthalene-d8	8.140	136	168101	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	101419	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	193986	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	141390	20.000	ng	0.00
86) Perylene-d12	15.515	264	102378	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	357652	126.721	ng	0.00
7) Phenol-d6	6.504	99	441975	116.503	ng	0.00
23) Nitrobenzene-d5	7.428	82	343993	81.161	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	182743	127.182	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	679366	84.293	ng	0.00
79) Terphenyl-d14	12.980	244	865544	84.048	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	49367	18.434	ng	# 65
25) Isophorone	7.428	82	343986	45.038	ng	# 69
51) 2,6-Dinitrotoluene	9.898	165	14060	7.308	ng	# 11
57) 2,4-Dinitrotoluene	9.898	165	14060	5.541	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	12043	4.523	ng	# 1
77) Benzydine	12.980	184	15187	8.280	ng	# 89

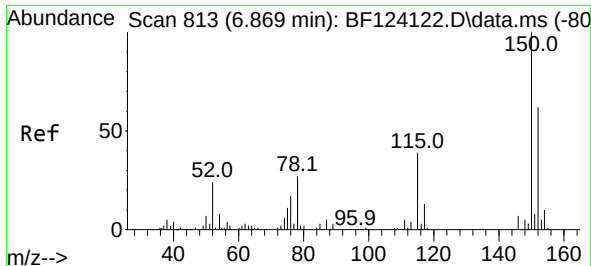
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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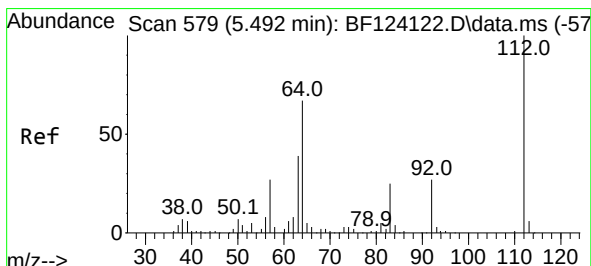
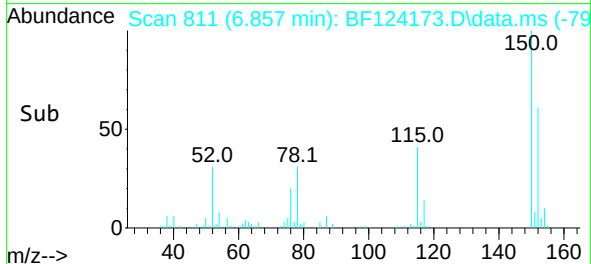
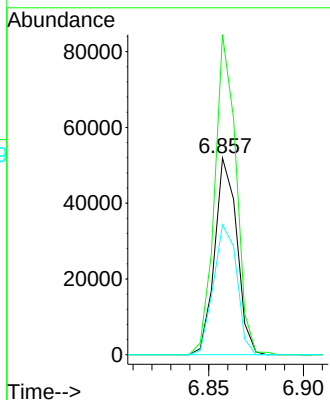
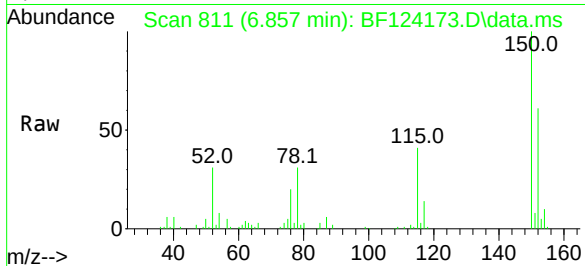




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF124173.D
Acq: 8 Jun 2021 10:17

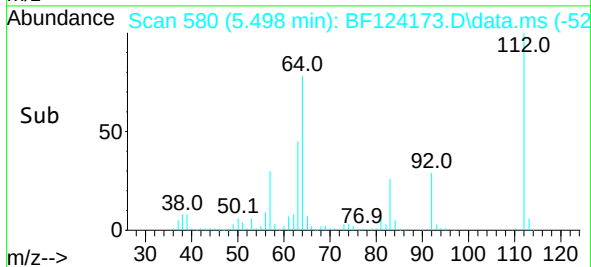
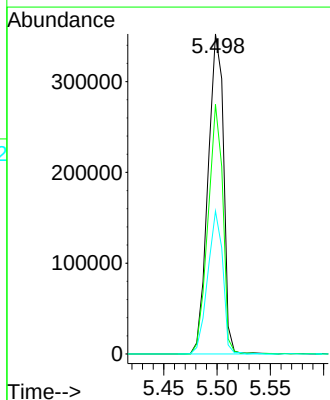
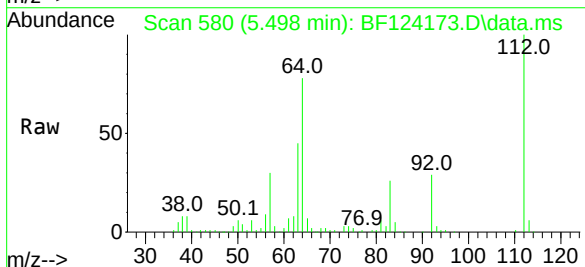
Instrument :
BNA_F
ClientSampleId :
PB136847BL

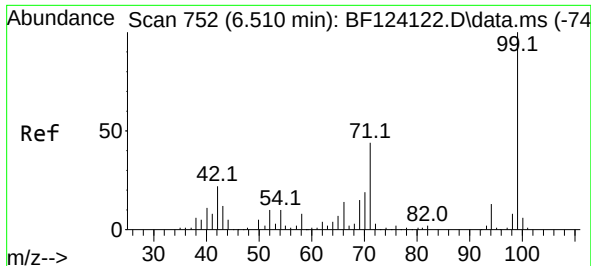
Tgt Ion:152 Resp: 42486
Ion Ratio Lower Upper
152 100
150 162.7 127.0 190.6
115 66.0 54.3 81.5



#5
2-Fluorophenol
Concen: 126.721 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF124173.D
Acq: 8 Jun 2021 10:17

Tgt Ion:112 Resp: 357652
Ion Ratio Lower Upper
112 100
64 78.0 61.4 92.0
63 44.6 33.0 49.4

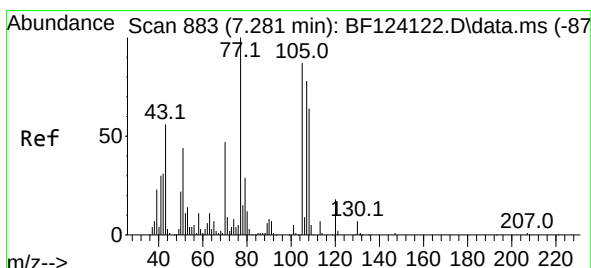
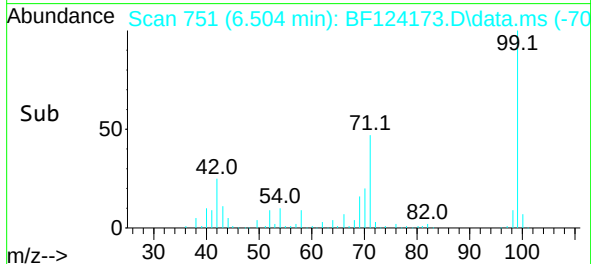
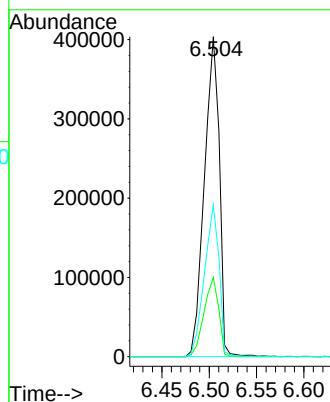
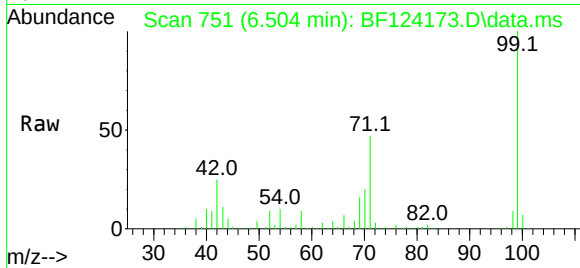




#7
Phenol-d6
Concen: 116.503 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124173.D
Acq: 8 Jun 2021 10:17

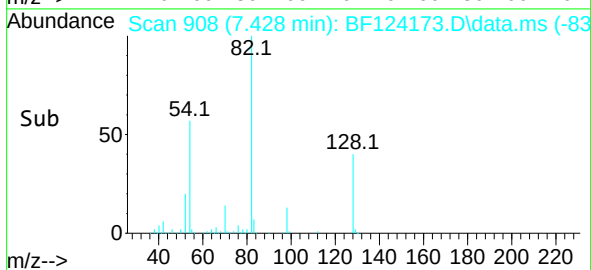
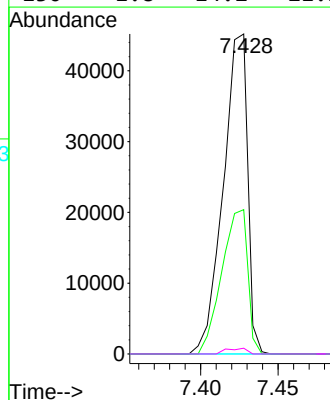
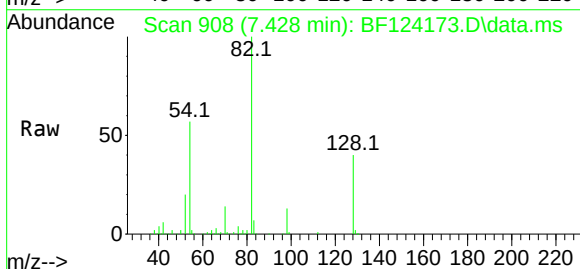
Instrument :
BNA_F
ClientSampleID :
PB136847BL

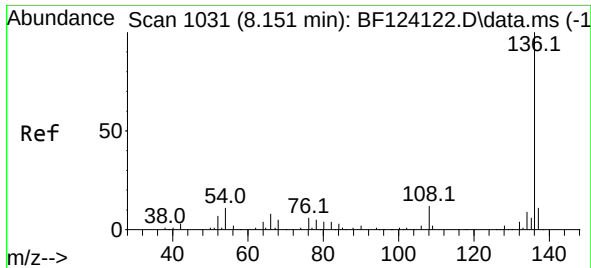
Tgt Ion: 99 Resp: 441975
Ion Ratio Lower Upper
99 100
42 24.7 19.8 29.8
71 47.4 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 18.434 ng
RT: 7.428 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF124173.D
Acq: 8 Jun 2021 10:17

Tgt Ion: 70 Resp: 49367
Ion Ratio Lower Upper
70 100
42 45.1 60.1 90.1#
101 0.0 7.4 11.2#
130 1.8 14.2 21.2#

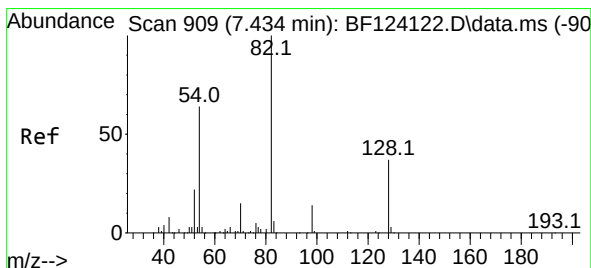
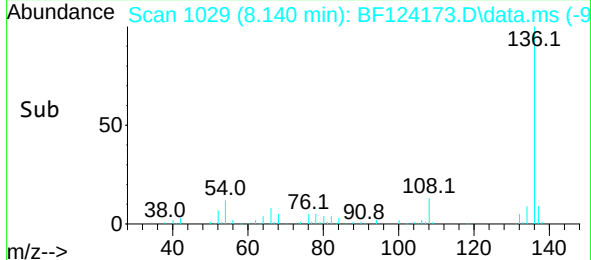
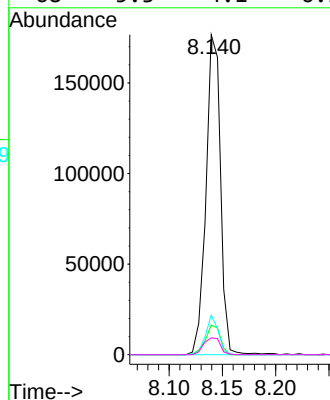
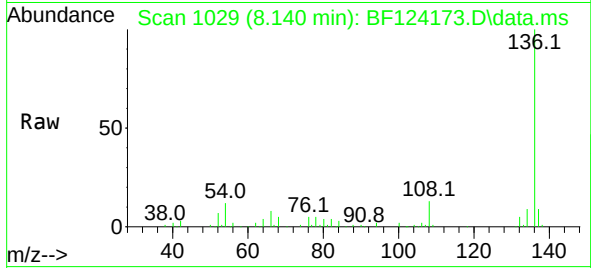




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF124173.D
Acq: 8 Jun 2021 10:17

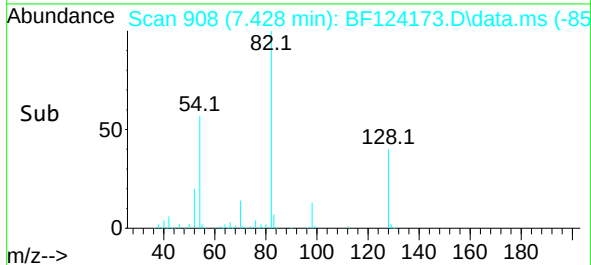
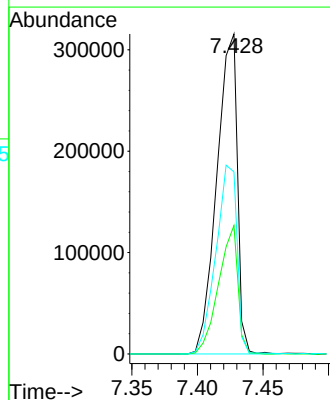
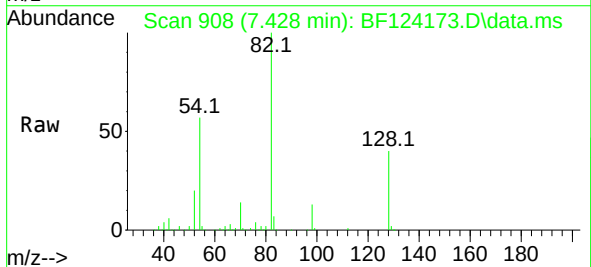
Instrument :
BNA_F
ClientSampleId :
PB136847BL

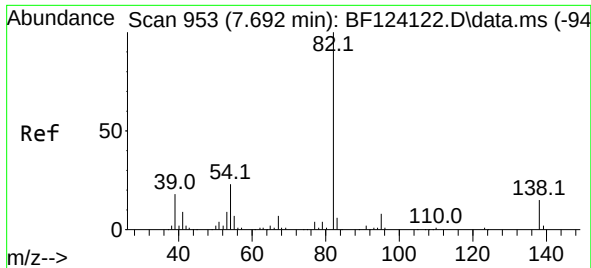
Tgt Ion:136	Resp: 168101
Ion Ratio	Lower Upper
136	100
137	9.3 8.7 13.1
54	12.3 9.8 14.6
68	5.3 4.1 6.1



#23
Nitrobenzene-d5
Concen: 81.161 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF124173.D
Acq: 8 Jun 2021 10:17

Tgt Ion: 82	Resp: 343993
Ion Ratio	Lower Upper
82	100
128	40.1 29.4 44.2
54	56.9 54.1 81.1

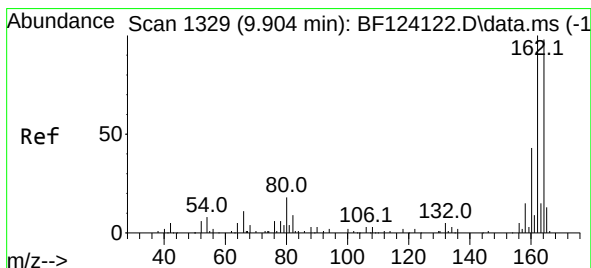
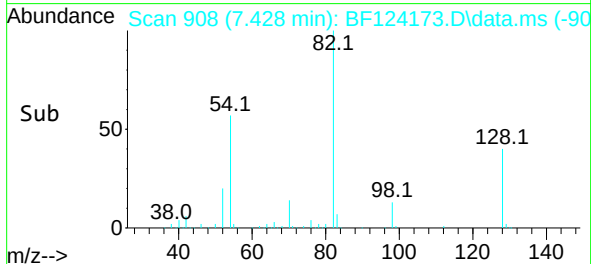
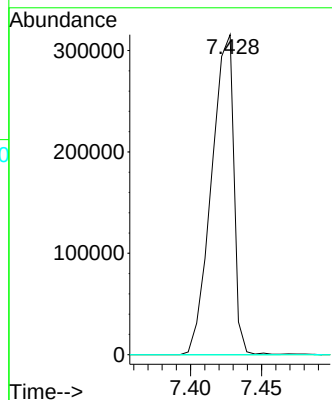
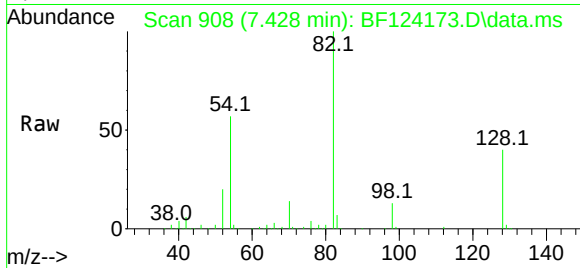




#25
Isophorone
Concen: 45.038 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF124173.D
Acq: 8 Jun 2021 10:17

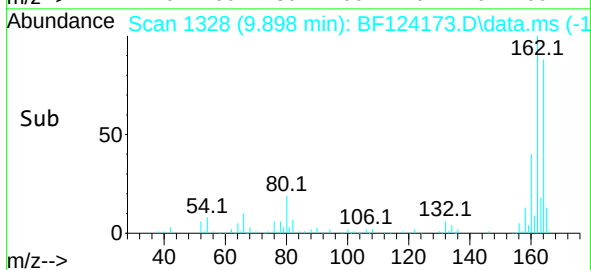
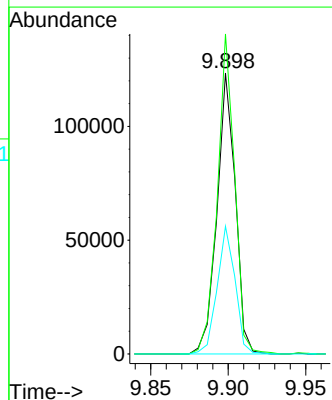
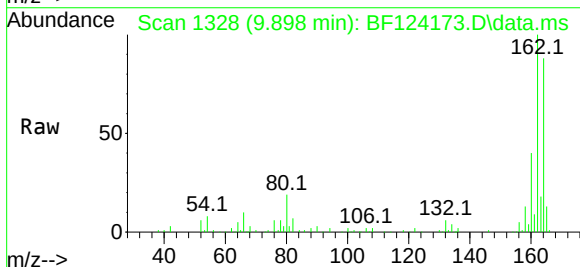
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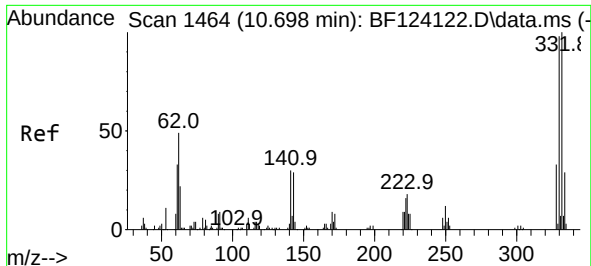
Tgt Ion: 82 Resp: 343986
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF124173.D
Acq: 8 Jun 2021 10:17

Tgt Ion:164 Resp: 101419
Ion Ratio Lower Upper
164 100
162 113.9 80.7 121.1
160 45.4 37.3 55.9

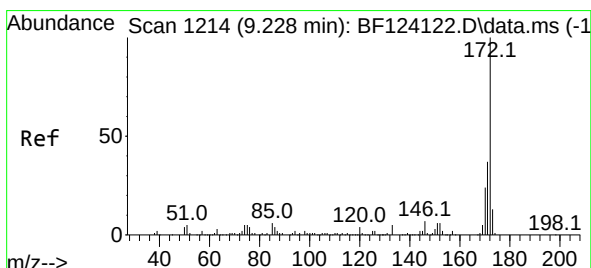
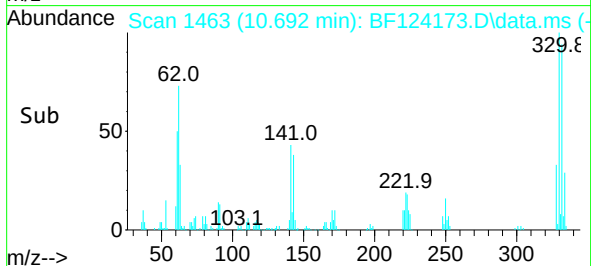
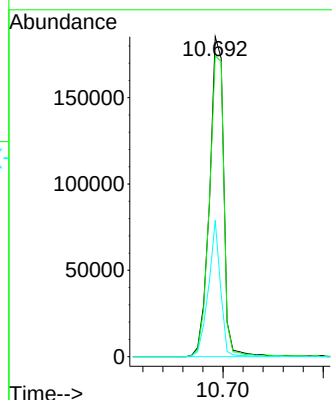
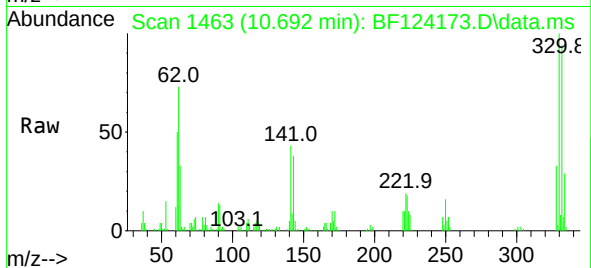




#42
2,4,6-Tribromophenol
Concen: 127.182 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124173.D
Acq: 8 Jun 2021 10:17

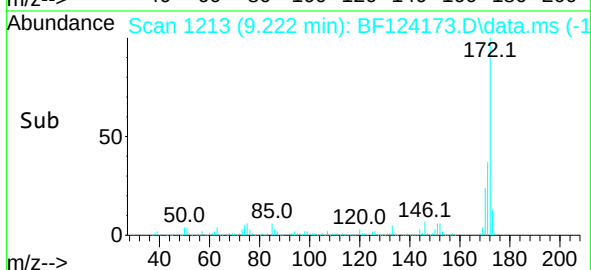
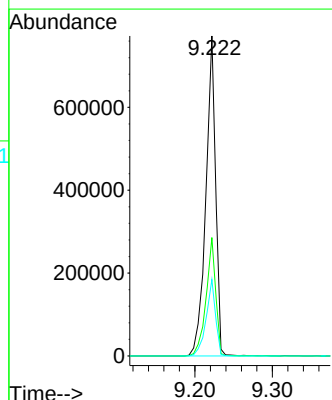
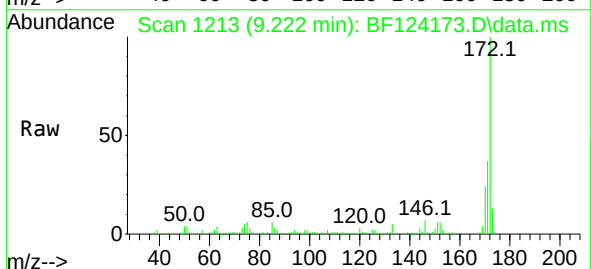
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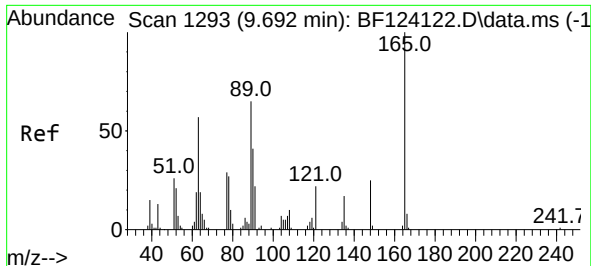
Tgt Ion: 330 Resp: 182743
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 36.3 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 84.293 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124173.D
Acq: 8 Jun 2021 10:17

Tgt Ion: 172 Resp: 679366
Ion Ratio Lower Upper
172 100
171 37.0 28.1 42.1
170 23.9 19.2 28.8

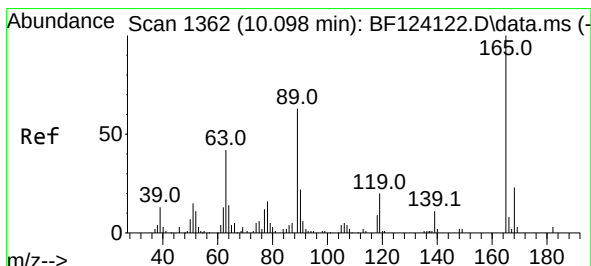
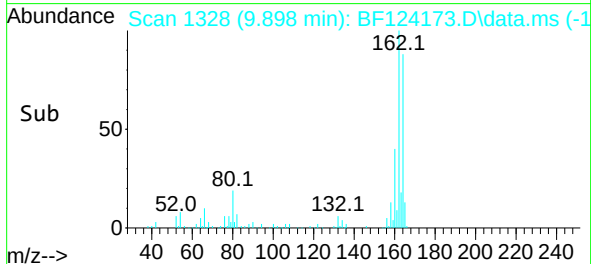
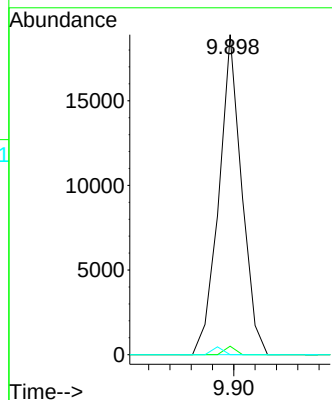
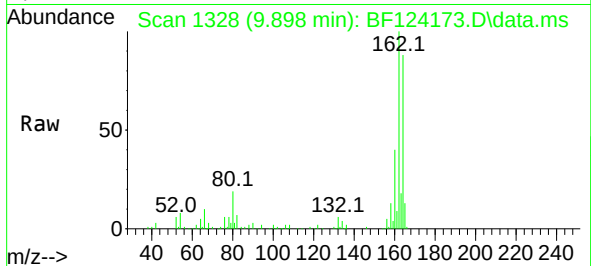




#51
2,6-Dinitrotoluene
Concen: 7.308 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF124173.D
Acq: 8 Jun 2021 10:17

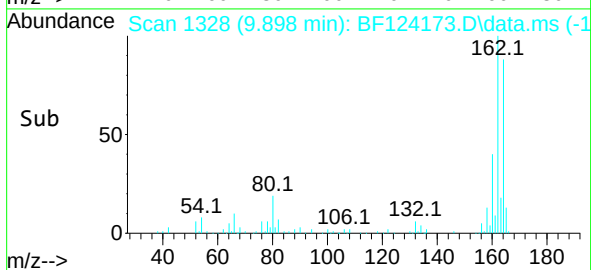
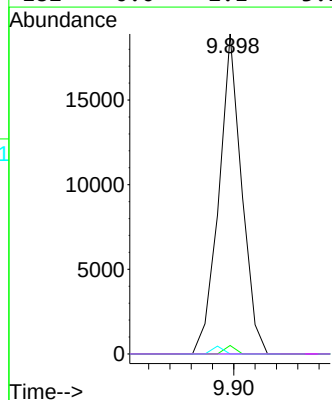
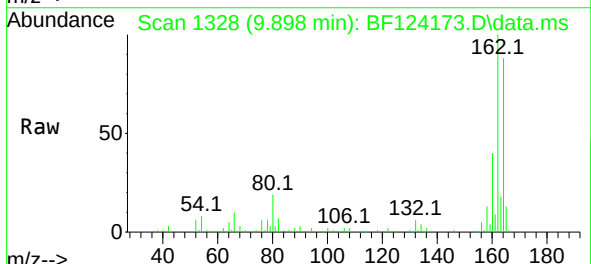
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ClientSampleId :
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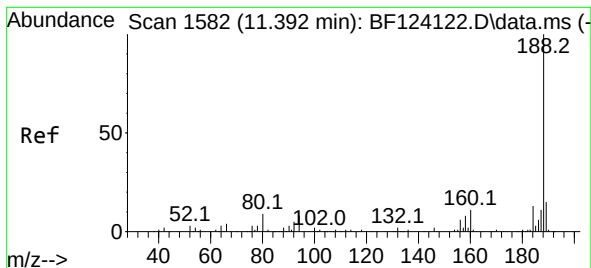
Tgt Ion:165 Resp: 14060
Ion Ratio Lower Upper
165 100
63 2.7 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.541 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF124173.D
Acq: 8 Jun 2021 10:17

Tgt Ion:165 Resp: 14060
Ion Ratio Lower Upper
165 100
63 2.7 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

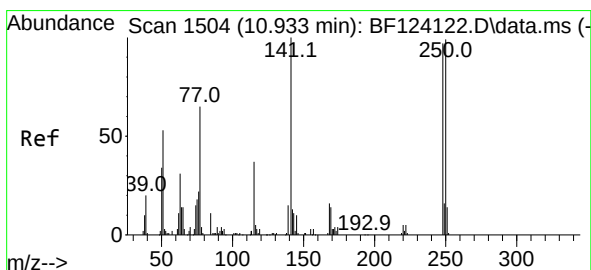
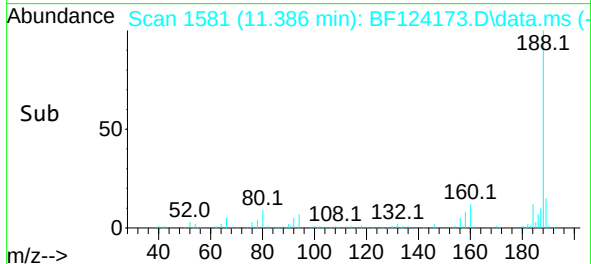
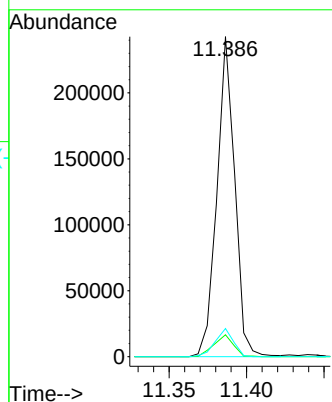
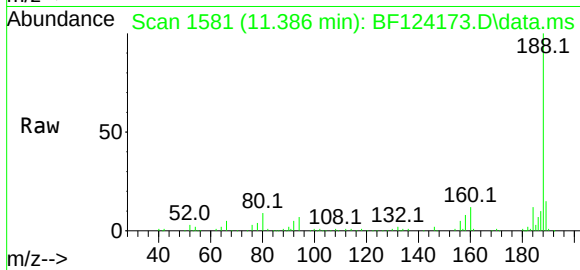




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124173.D
Acq: 8 Jun 2021 10:17

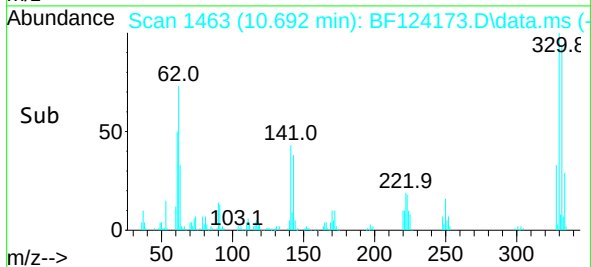
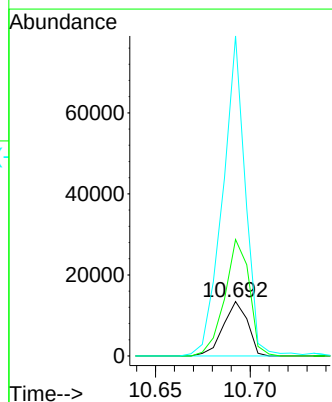
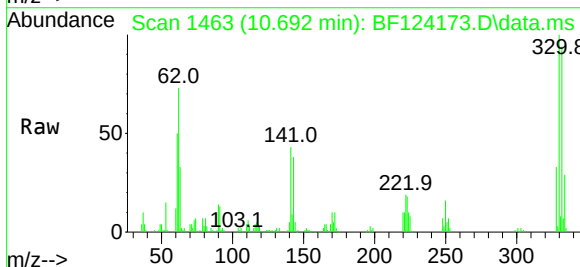
Instrument :
BNA_F
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PB136847BL

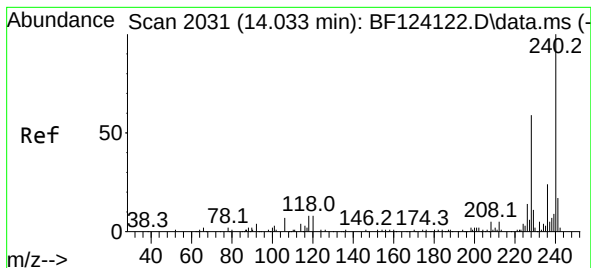
Tgt Ion:188 Resp: 193986
Ion Ratio Lower Upper
188 100
94 6.9 6.9 10.3#
80 8.8 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.523 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF124173.D
Acq: 8 Jun 2021 10:17

Tgt Ion:248 Resp: 12043
Ion Ratio Lower Upper
248 100
250 214.1 77.4 116.2#
141 587.9 63.7 95.5#

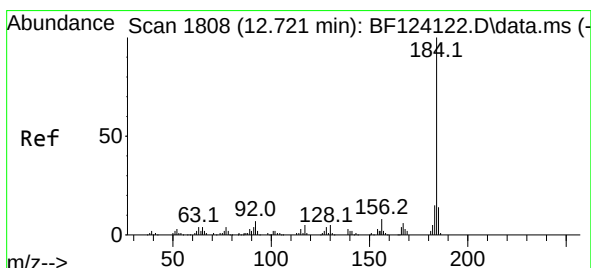
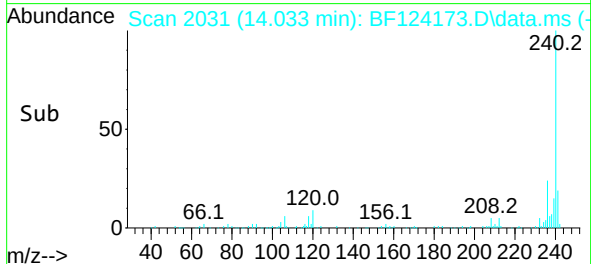
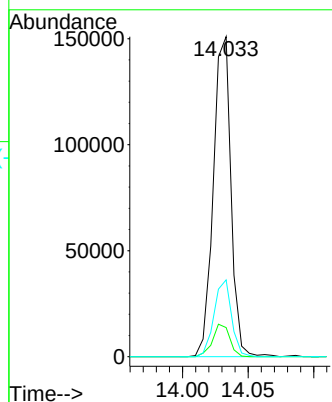
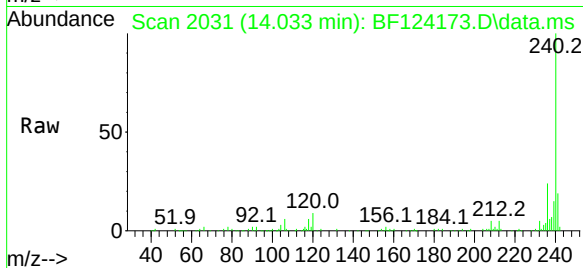




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF124173.D
Acq: 8 Jun 2021 10:17

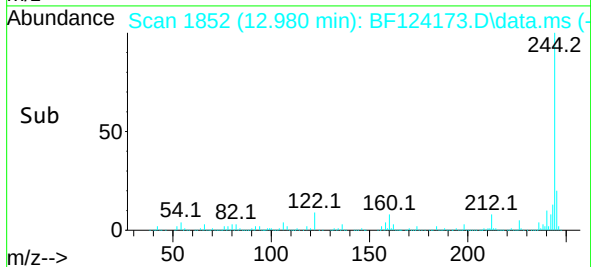
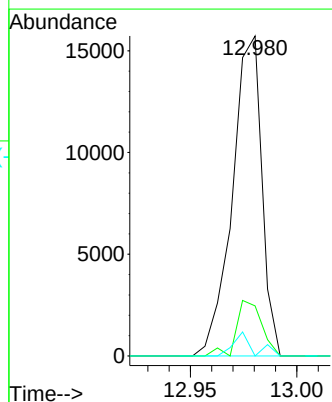
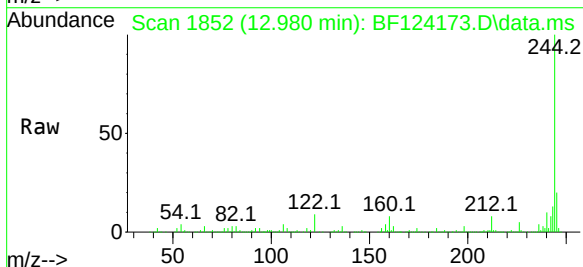
Instrument :
BNA_F
ClientSampleId :
PB136847BL

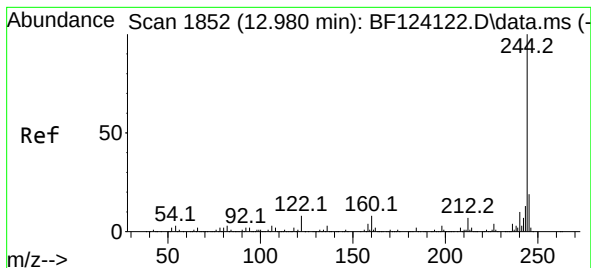
Tgt Ion:240 Resp: 141390
Ion Ratio Lower Upper
240 100
120 9.1 7.2 10.8
236 24.0 19.0 28.4



#77
Benzidine
Concen: 8.280 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.259 min
Lab File: BF124173.D
Acq: 8 Jun 2021 10:17

Tgt Ion:184 Resp: 15187
Ion Ratio Lower Upper
184 100
185 15.7 12.1 18.1
183 0.0 7.8 11.8#

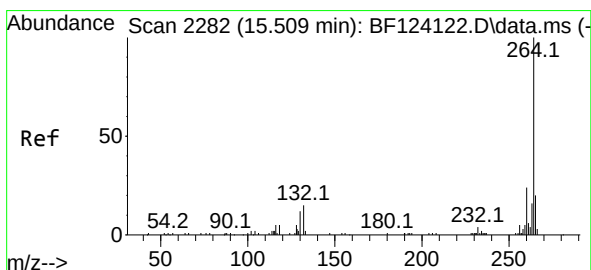
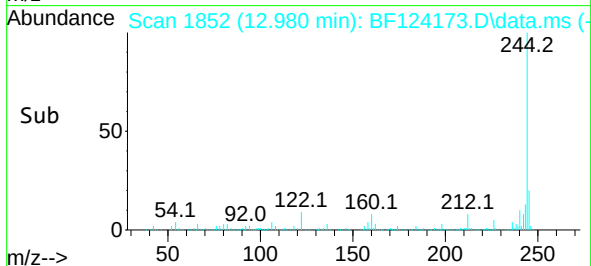
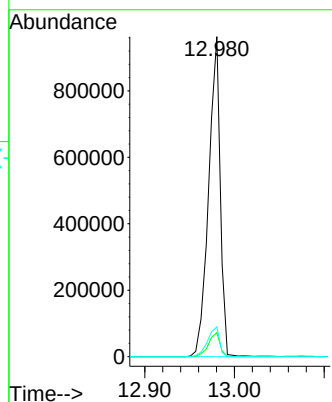
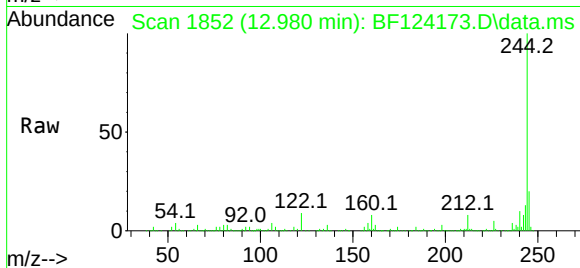




#79
Terphenyl-d14
Concen: 84.048 ng
RT: 12.980 min Scan# 1852
Delta R.T. 0.000 min
Lab File: BF124173.D
Acq: 8 Jun 2021 10:17

Instrument :
BNA_F
ClientSampleId :
PB136847BL

Tgt Ion:244 Resp: 865544
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 9.3 9.7 14.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. 0.006 min
Lab File: BF124173.D
Acq: 8 Jun 2021 10:17

Tgt Ion:264 Resp: 102378
Ion Ratio Lower Upper
264 100
260 24.6 18.7 28.1
265 21.0 17.8 26.8

