

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060821\
 Data File : BF124185.D
 Acq On : 8 Jun 2021 17:52
 Operator : JU/CG
 Sample : PB136822BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136822BL

Quant Time: Jun 08 18:20:12 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)

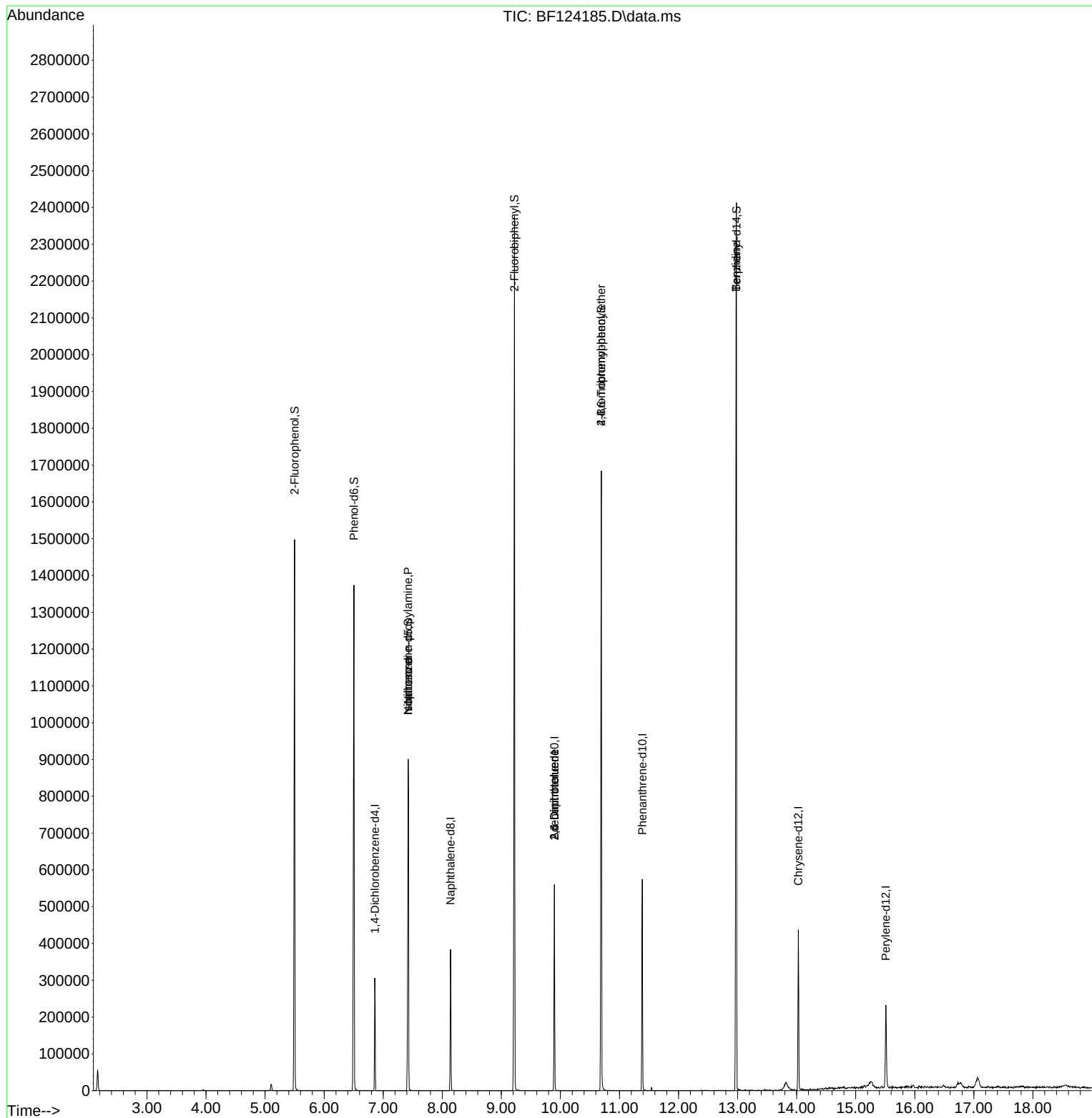
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	38165	20.000	ng	-0.01
21) Naphthalene-d8	8.140	136	146635	20.000	ng	#-0.01
39) Acenaphthene-d10	9.898	164	97663	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	189245	20.000	ng	0.00
76) Chrysene-d12	14.027	240	133456	20.000	ng	0.00
86) Perylene-d12	15.510	264	96062	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	317743	125.327	ng	0.00
7) Phenol-d6	6.504	99	398993	117.081	ng	0.00
23) Nitrobenzene-d5	7.422	82	307173	83.083	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	178464	128.981	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	636935	82.068	ng	0.00
79) Terphenyl-d14	12.980	244	841042	86.524	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.422	70	46186	19.199	ng	# 64
25) Isophorone	7.422	82	307167	46.105	ng	# 69
51) 2,6-Dinitrotoluene	9.898	165	13293	7.175	ng	# 11
57) 2,4-Dinitrotoluene	9.898	165	13293	5.440	ng	# 17
67) 4-Bromophenyl-phenylether	10.692	248	11855	4.564	ng	# 1
77) Benzidine	12.974	184	15184	8.529	ng	# 86

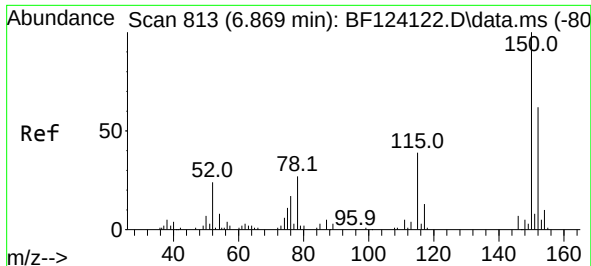
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 07 13:32:21 2021
Response via : Initial Calibration

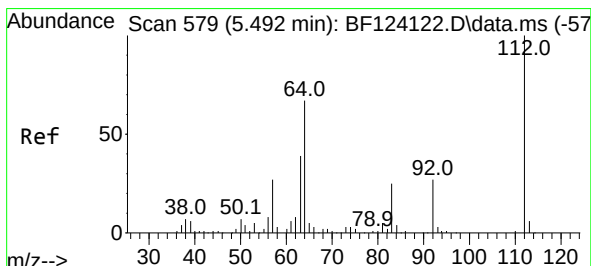
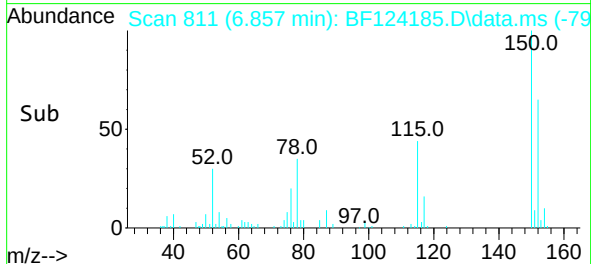
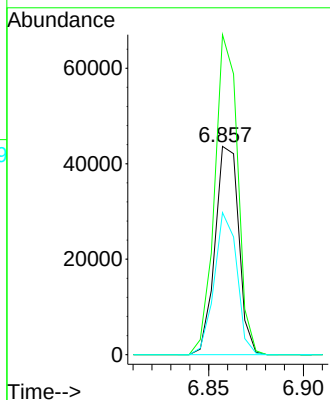
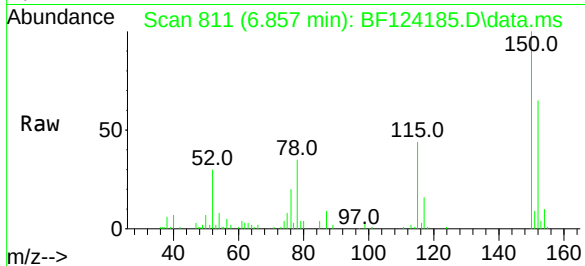




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF124185.D
Acq: 8 Jun 2021 17:52

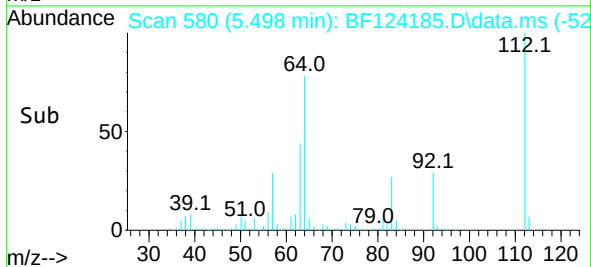
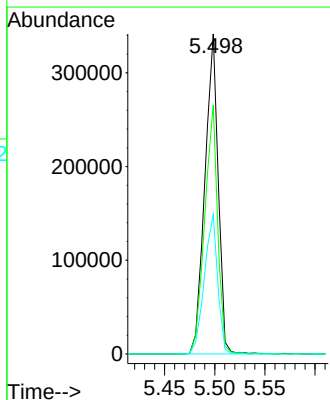
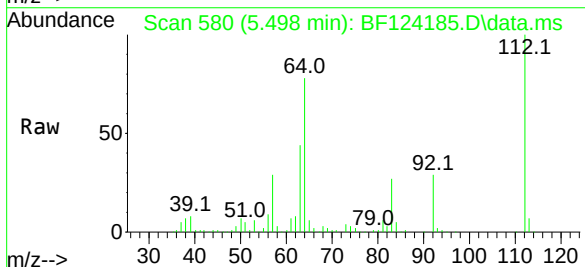
Instrument :
BNA_F
ClientSampleID :
PB136822BL

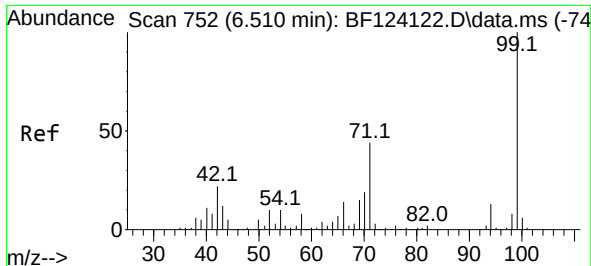
Tgt Ion:152 Resp: 38165
Ion Ratio Lower Upper
152 100
150 153.6 127.0 190.6
115 68.2 54.3 81.5



#5
2-Fluorophenol
Concen: 125.327 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF124185.D
Acq: 8 Jun 2021 17:52

Tgt Ion:112 Resp: 317743
Ion Ratio Lower Upper
112 100
64 77.8 61.4 92.0
63 43.6 33.0 49.4

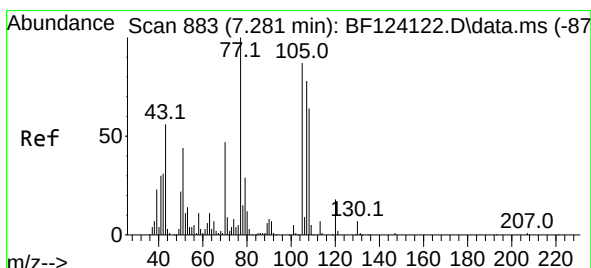
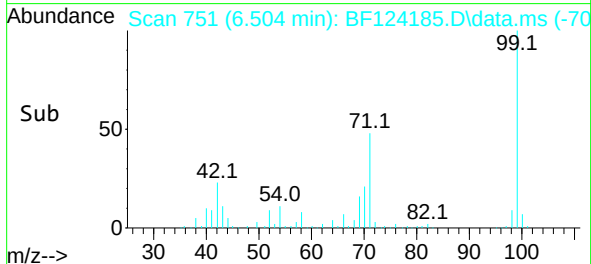
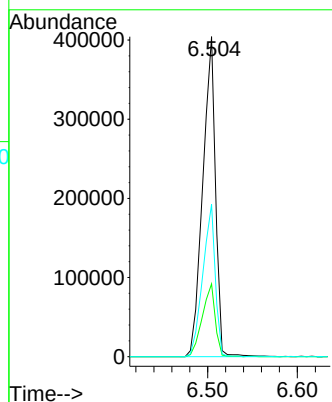
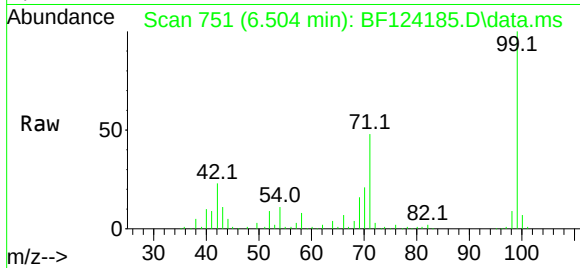




#7
Phenol-d6
Concen: 117.081 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124185.D
Acq: 8 Jun 2021 17:52

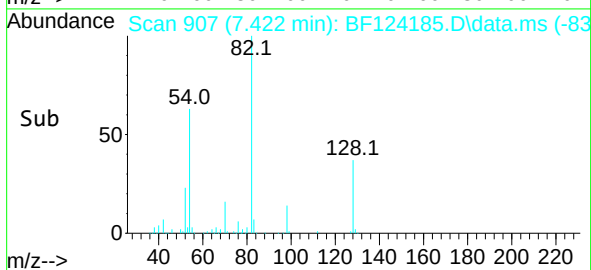
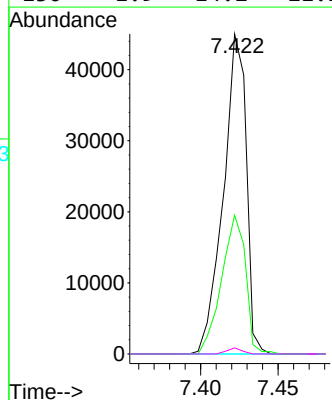
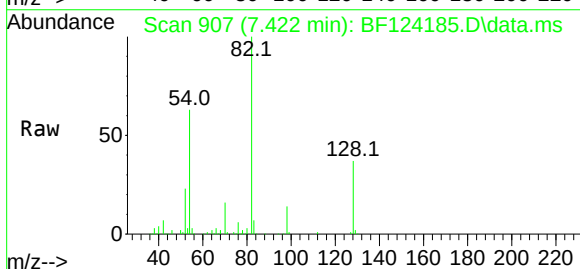
Instrument :
BNA_F
ClientSampleId :
PB136822BL

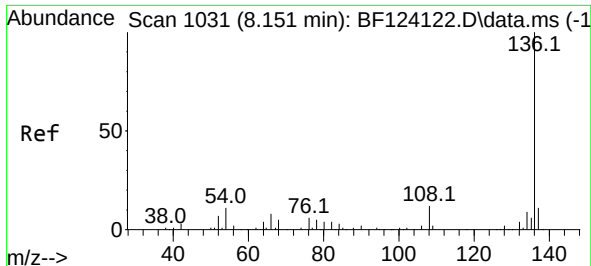
Tgt Ion: 99 Resp: 398993
Ion Ratio Lower Upper
99 100
42 22.7 19.8 29.8
71 47.6 31.1 46.7#



#19
n-Nitroso-di-n-propylamine
Concen: 19.199 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF124185.D
Acq: 8 Jun 2021 17:52

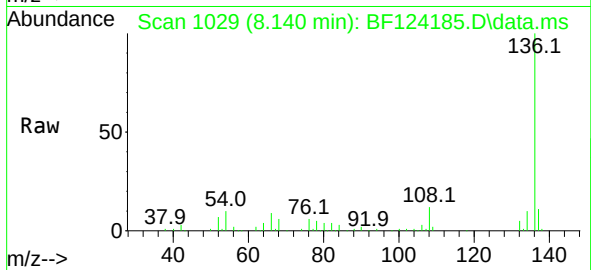
Tgt Ion: 70 Resp: 46186
Ion Ratio Lower Upper
70 100
42 43.4 60.1 90.1#
101 0.0 7.4 11.2#
130 1.9 14.2 21.2#



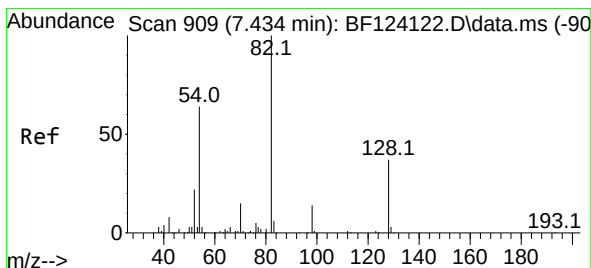
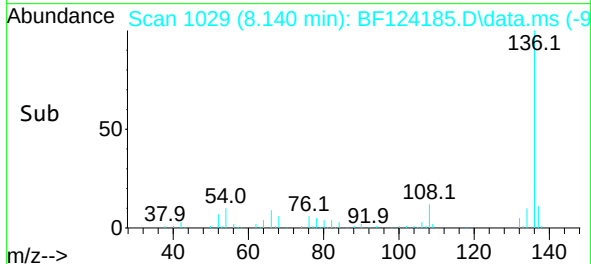
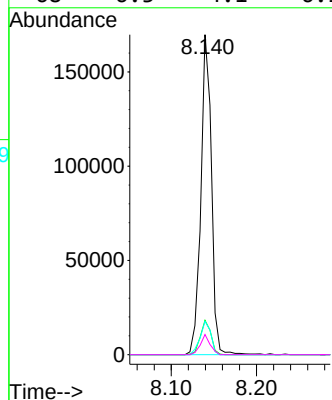


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF124185.D
Acq: 8 Jun 2021 17:52

Instrument :
BNA_F
ClientSampleId :
PB136822BL

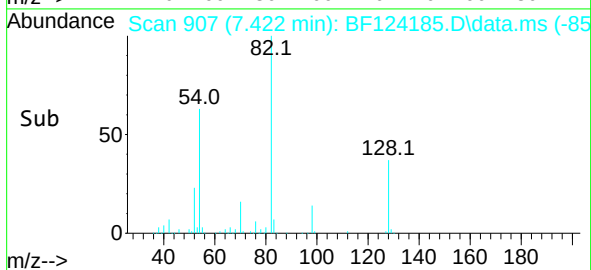
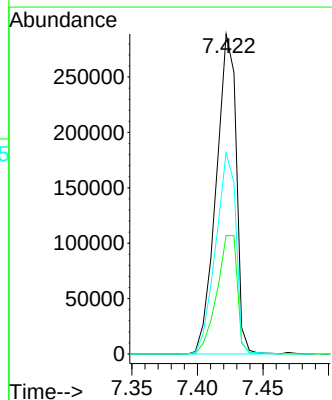
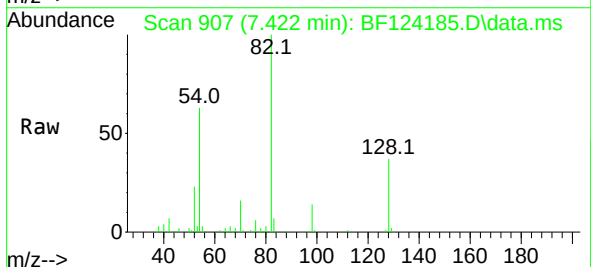


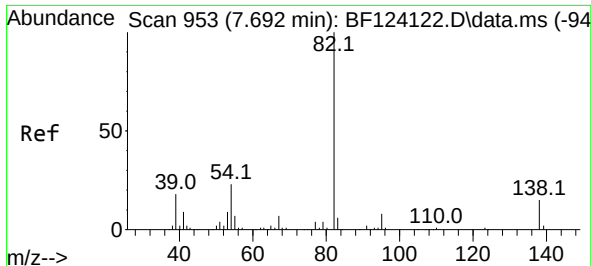
Tgt Ion:136 Resp: 146635
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 10.4 9.8 14.6
68 6.3 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 83.083 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF124185.D
Acq: 8 Jun 2021 17:52

Tgt Ion: 82 Resp: 307173
Ion Ratio Lower Upper
82 100
128 37.0 29.4 44.2
54 62.9 54.1 81.1

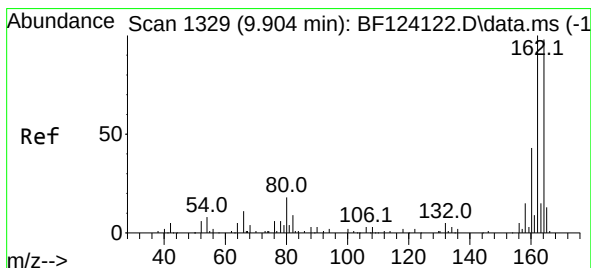
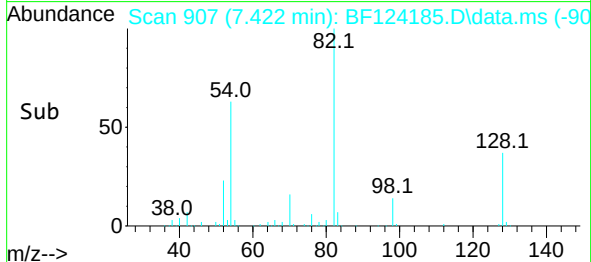
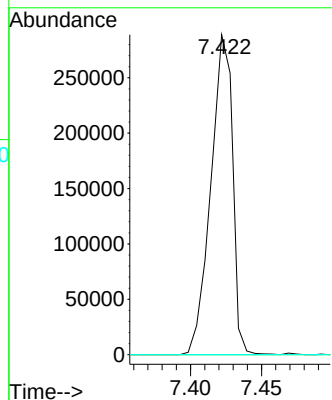
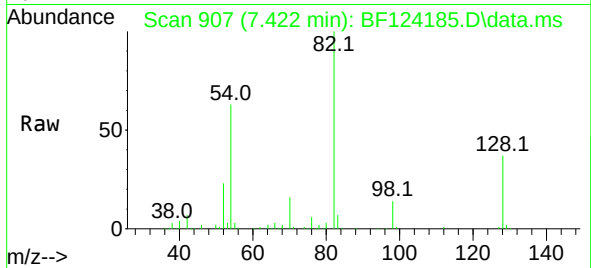




#25
Isophorone
Concen: 46.105 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.270 min
Lab File: BF124185.D
Acq: 8 Jun 2021 17:52

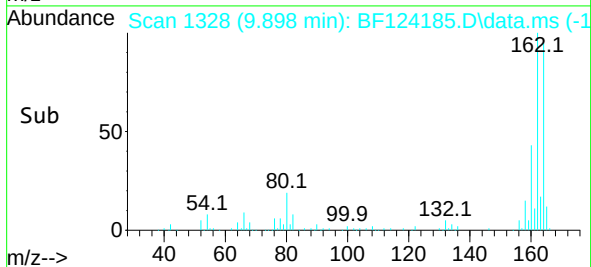
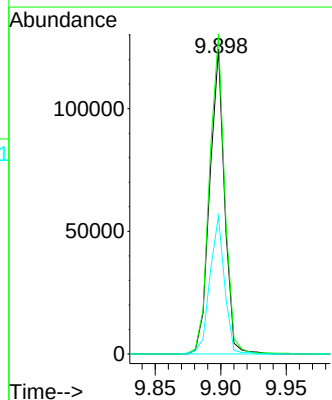
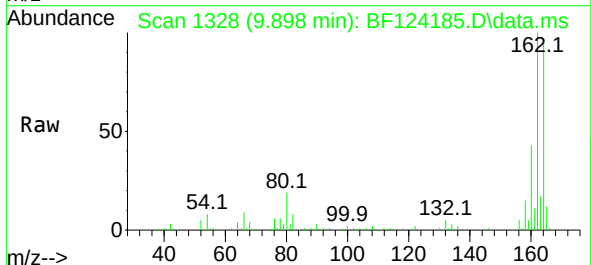
Instrument :
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ClientSampleId :
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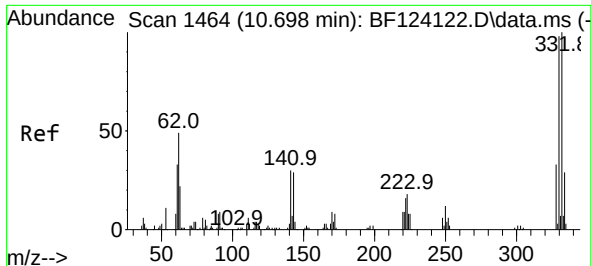
Tgt Ion: 82 Resp: 307167
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.006 min
Lab File: BF124185.D
Acq: 8 Jun 2021 17:52

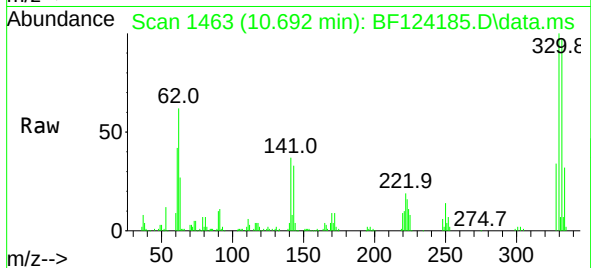
Tgt Ion:164 Resp: 97663
Ion Ratio Lower Upper
164 100
162 104.9 80.7 121.1
160 45.2 37.3 55.9



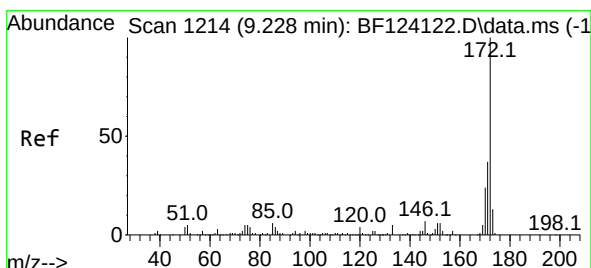
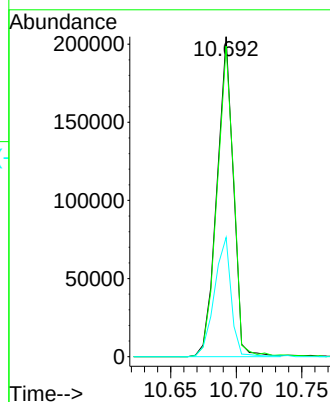
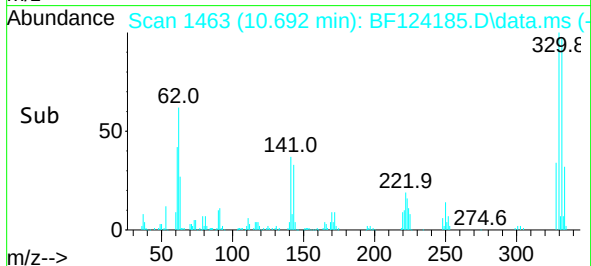


#42
2,4,6-Tribromophenol
Concen: 128.981 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF124185.D
Acq: 8 Jun 2021 17:52

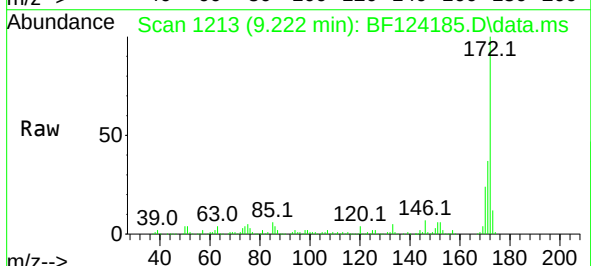
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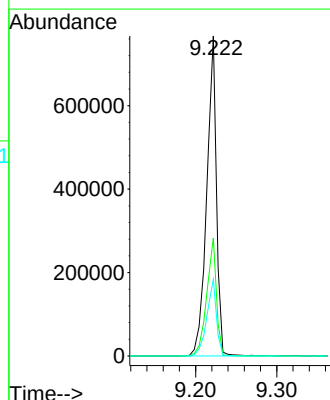
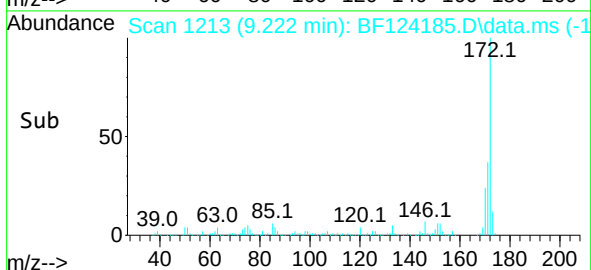
Tgt Ion:330 Resp: 178464
Ion Ratio Lower Upper
330 100
332 98.7 77.1 115.7
141 38.2 27.9 41.9

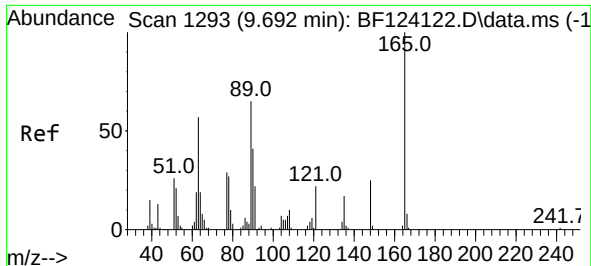


#45
2-Fluorobiphenyl
Concen: 82.068 ng
RT: 9.222 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF124185.D
Acq: 8 Jun 2021 17:52



Tgt Ion:172 Resp: 636935
Ion Ratio Lower Upper
172 100
171 36.8 28.1 42.1
170 24.0 19.2 28.8

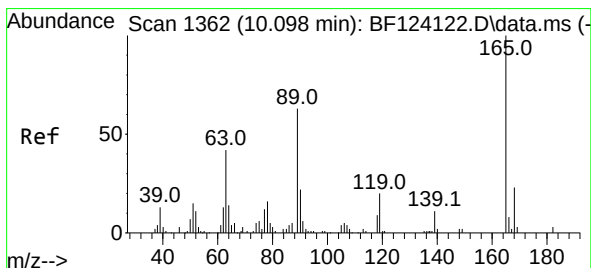
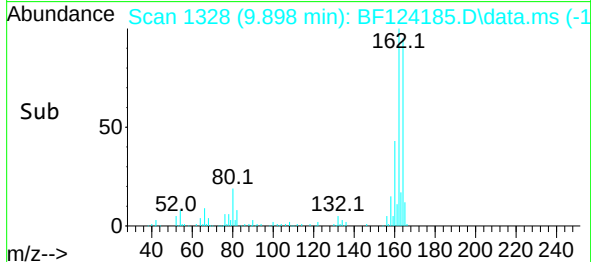
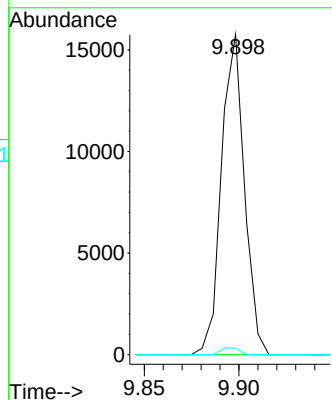
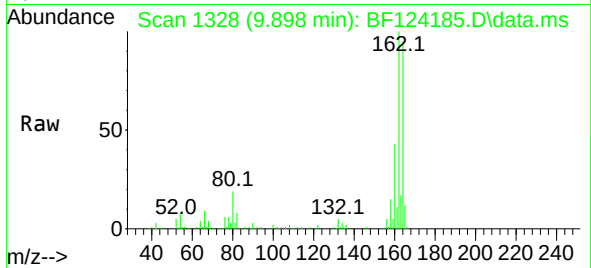




#51
2,6-Dinitrotoluene
Concen: 7.175 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF124185.D
Acq: 8 Jun 2021 17:52

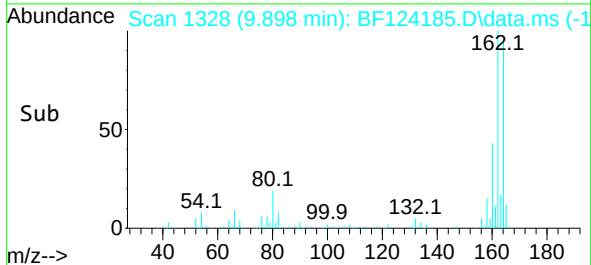
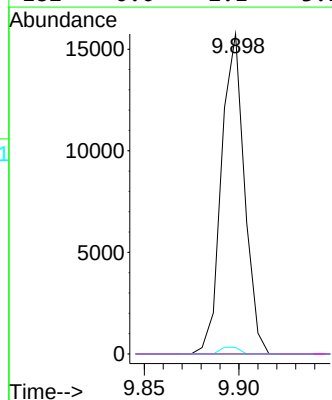
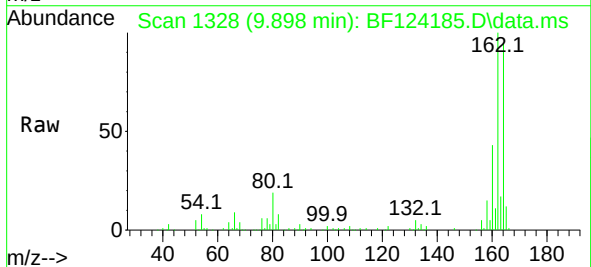
Instrument :
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ClientSampleId :
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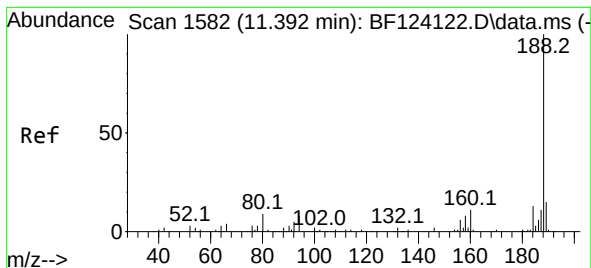
Tgt Ion:165 Resp: 13293
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 2.1 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.440 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF124185.D
Acq: 8 Jun 2021 17:52

Tgt Ion:165 Resp: 13293
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 2.1 67.7 101.5#
182 0.0 2.1 3.1#

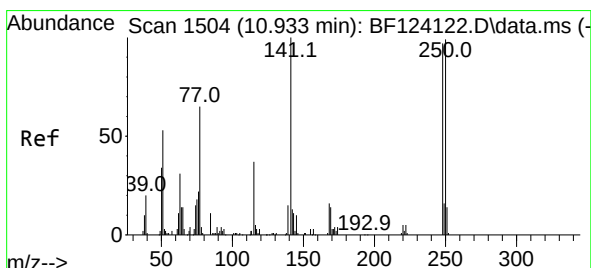
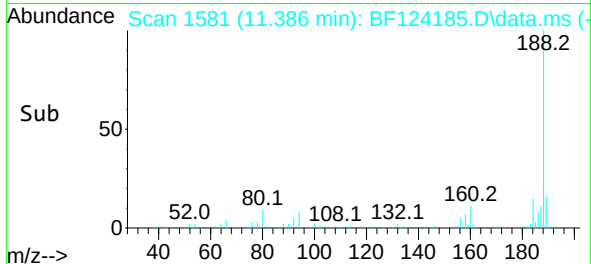
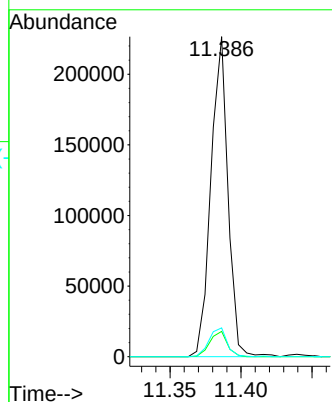
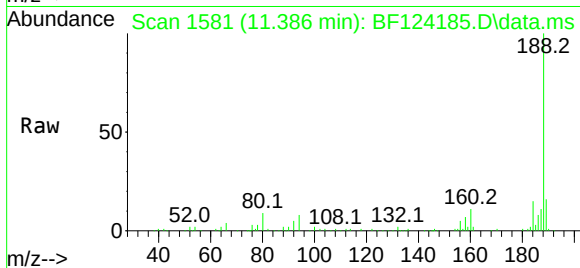




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF124185.D
Acq: 8 Jun 2021 17:52

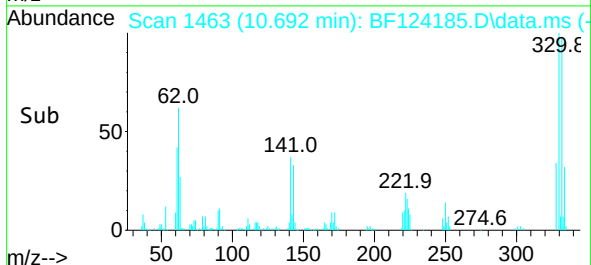
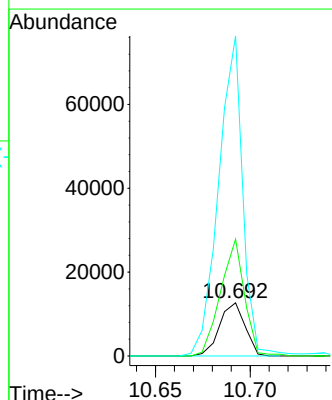
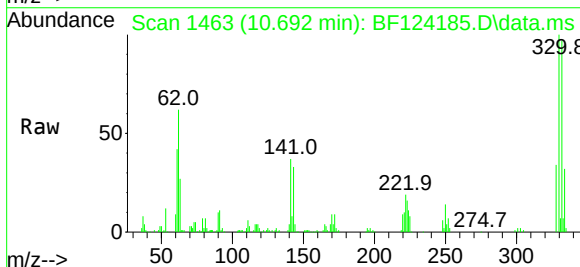
Instrument :
BNA_F
ClientSampleId :
PB136822BL

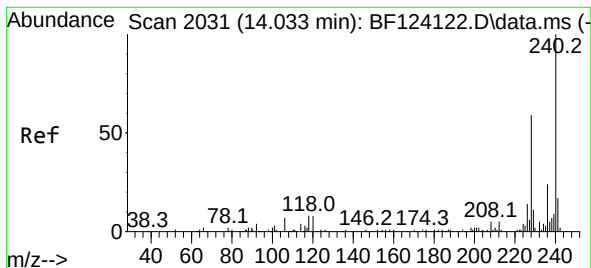
Tgt Ion:188 Resp: 189245
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 9.0 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.564 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.241 min
Lab File: BF124185.D
Acq: 8 Jun 2021 17:52

Tgt Ion:248 Resp: 11855
Ion Ratio Lower Upper
248 100
250 219.7 77.4 116.2#
141 601.6 63.7 95.5#

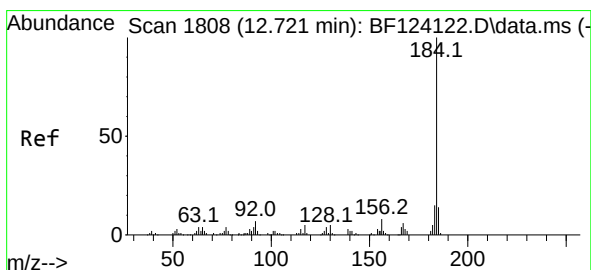
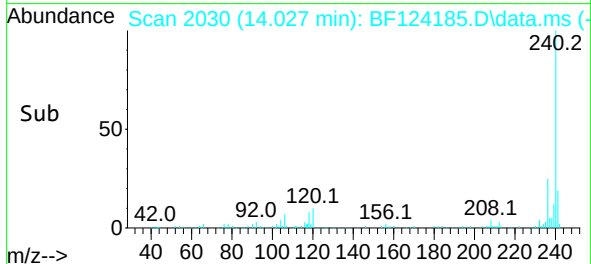
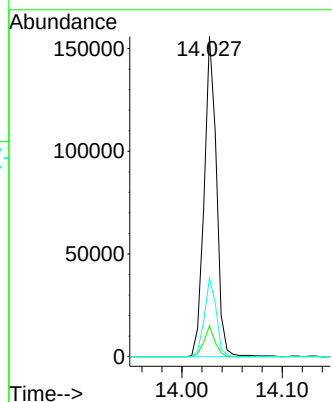
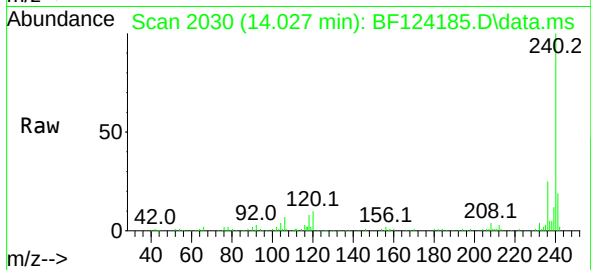




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF124185.D
Acq: 8 Jun 2021 17:52

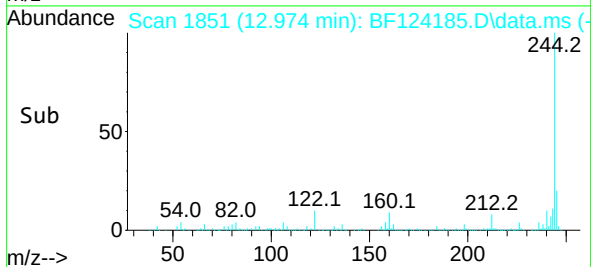
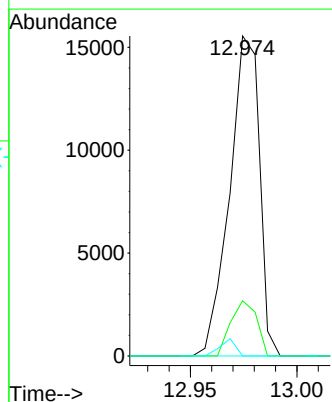
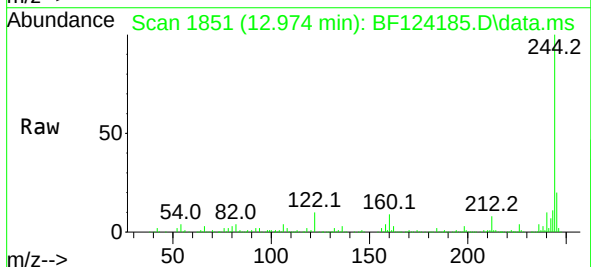
Instrument :
BNA_F
ClientSampleId :
PB136822BL

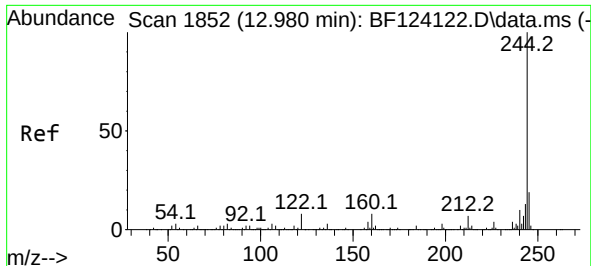
Tgt Ion:240 Resp: 133456
Ion Ratio Lower Upper
240 100
120 9.7 7.2 10.8
236 24.5 19.0 28.4



#77
Benzidine
Concen: 8.529 ng
RT: 12.974 min Scan# 1851
Delta R.T. 0.253 min
Lab File: BF124185.D
Acq: 8 Jun 2021 17:52

Tgt Ion:184 Resp: 15184
Ion Ratio Lower Upper
184 100
185 17.2 12.1 18.1
183 0.0 7.8 11.8#

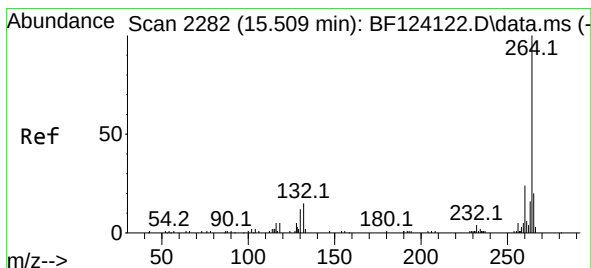
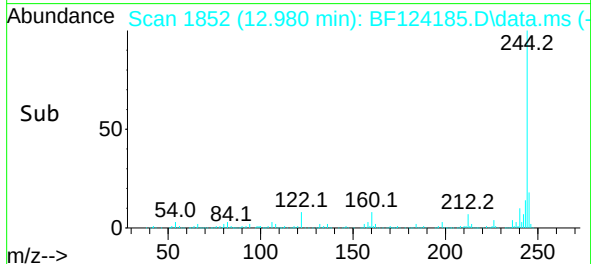
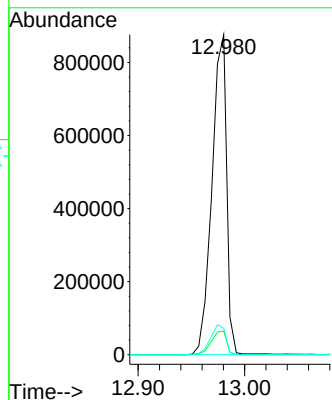
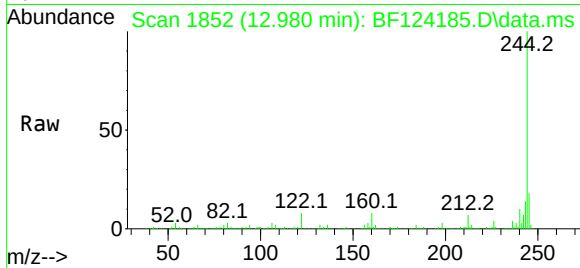




#79
 Terphenyl-d14
 Concen: 86.524 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF124185.D
 Acq: 8 Jun 2021 17:52

Instrument :
 BNA_F
 ClientSampleId :
 PB136822BL

Tgt Ion:244 Resp: 841042
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 8.3 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.510 min Scan# 2282
 Delta R.T. 0.001 min
 Lab File: BF124185.D
 Acq: 8 Jun 2021 17:52

Tgt Ion:264 Resp: 96062
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.7 28.1
 265 22.1 17.8 26.8

