

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063021\
 Data File : BF124493.D
 Acq On : 30 Jun 2021 15:09
 Operator : JU/CG
 Sample : PB137373BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB137373BL

Quant Time: Jun 30 16:26:47 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 29 12:49:33 2021
 Response via : Initial Calibration

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

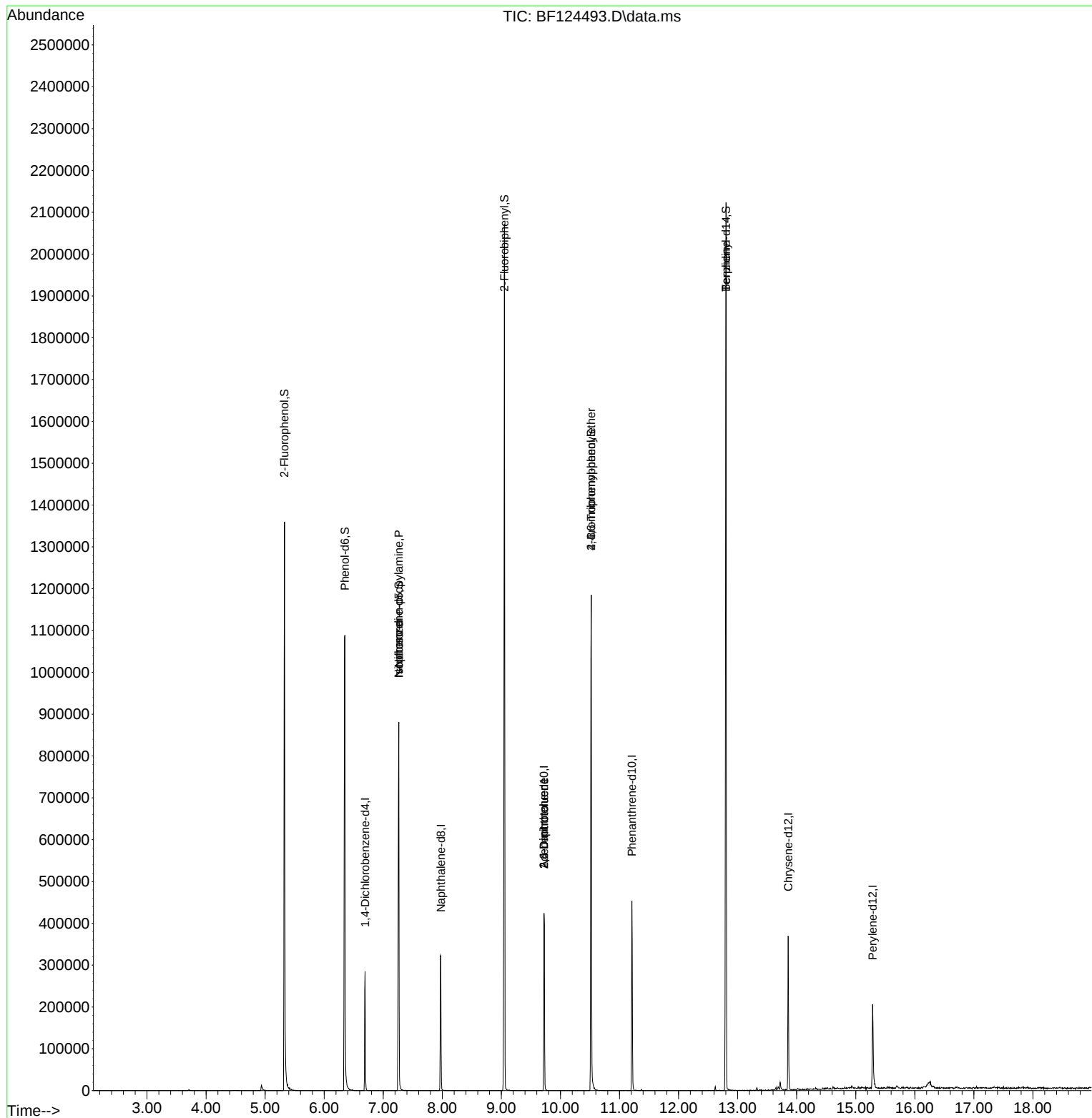
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	40277	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	152715	20.000	ng	# 0.00
39) Acenaphthene-d10	9.722	164	90538	20.000	ng	0.00
64) Phenanthrene-d10	11.210	188	161838	20.000	ng	0.00
76) Chrysene-d12	13.857	240	108134	20.000	ng	0.00
86) Perylene-d12	15.286	264	88052	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	325037	126.917	ng	0.02
7) Phenol-d6	6.351	99	385674	115.336	ng	0.00
23) Nitrobenzene-d5	7.263	82	291671	79.190	ng	0.00
42) 2,4,6-Tribromophenol	10.522	330	133273	123.208	ng	0.00
45) 2-Fluorobiphenyl	9.051	172	597810	80.884	ng	0.00
79) Terphenyl-d14	12.804	244	670841	92.920	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.263	70	40753	18.122	ng	# 61
25) Isophorone	7.263	82	291666	46.059	ng	# 69
51) 2,6-Dinitrotoluene	9.722	165	11718	7.107	ng	# 13
57) 2,4-Dinitrotoluene	9.722	165	11718	5.361	ng	# 19
67) 4-Bromophenyl-phenylether	10.522	248	9444	4.338	ng	# 1
77) Benzydine	12.804	184	10377	4.788	ng	# 89

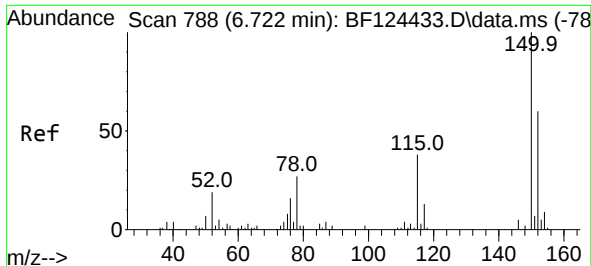
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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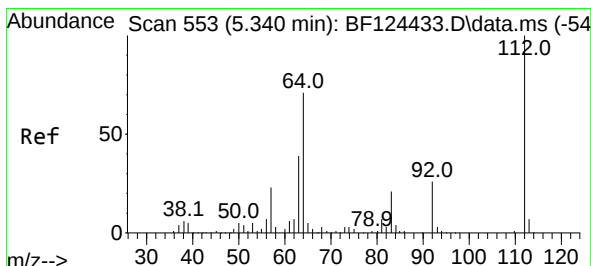
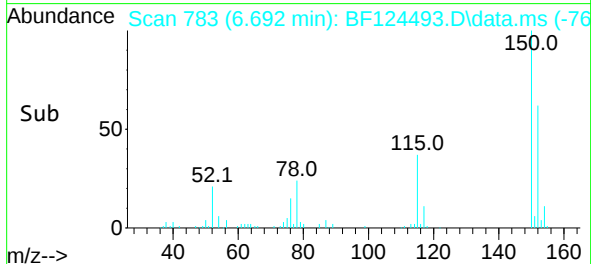
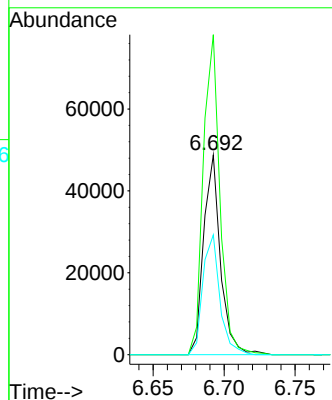
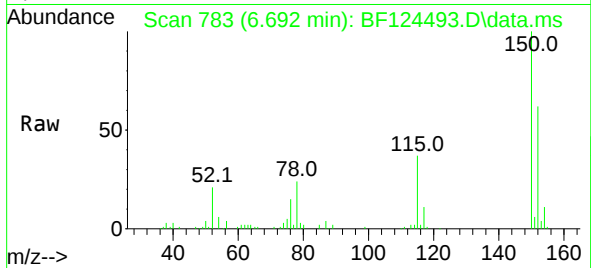




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.692 min Scan# 783
 Delta R.T. 0.000 min
 Lab File: BF124493.D
 Acq: 30 Jun 2021 15:09

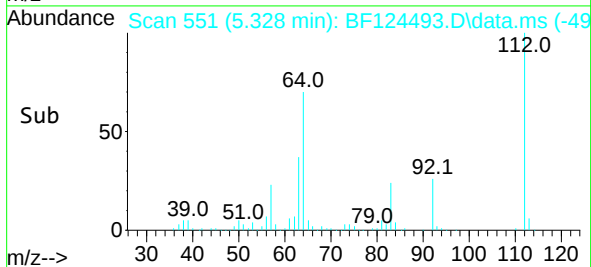
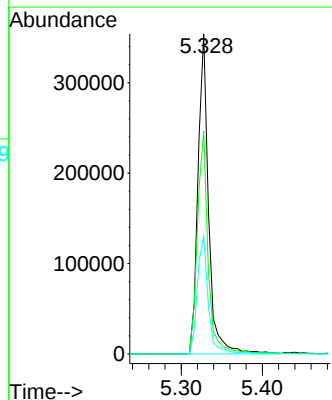
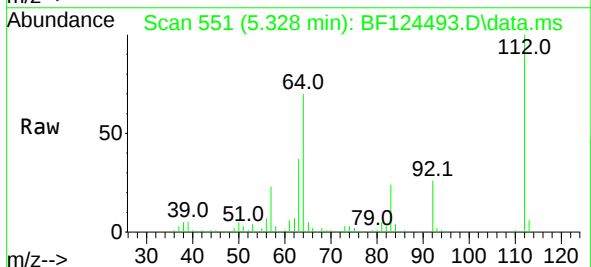
Instrument :
 BNA_F
 ClientSampleId :
 PB137373BL

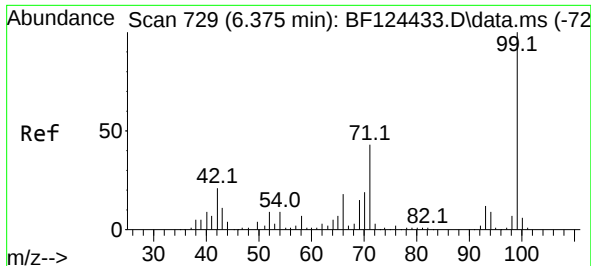
Tgt Ion:152 Resp: 40277
 Ion Ratio Lower Upper
 152 100
 150 160.3 127.0 190.6
 115 60.0 54.3 81.5



#5
 2-Fluorophenol
 Concen: 126.917 ng
 RT: 5.328 min Scan# 551
 Delta R.T. 0.018 min
 Lab File: BF124493.D
 Acq: 30 Jun 2021 15:09

Tgt Ion:112 Resp: 325037
 Ion Ratio Lower Upper
 112 100
 64 69.6 61.4 92.0
 63 37.0 33.0 49.4

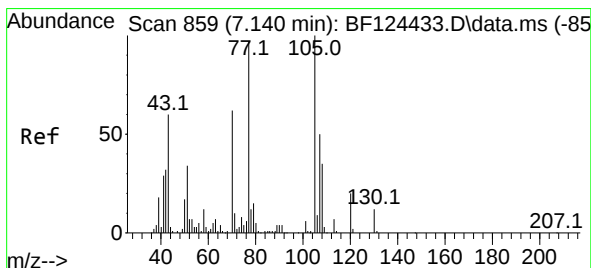
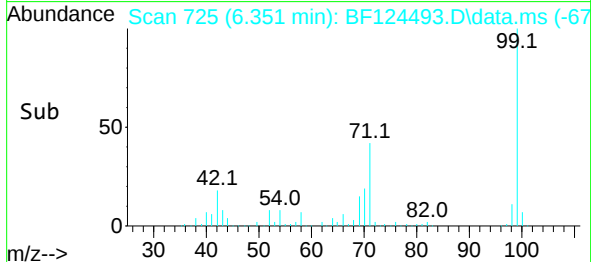
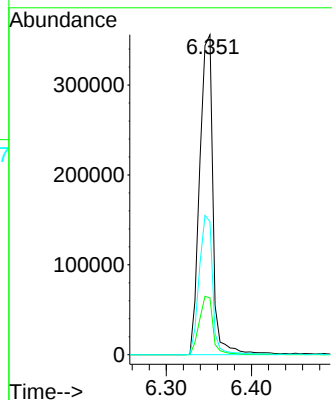
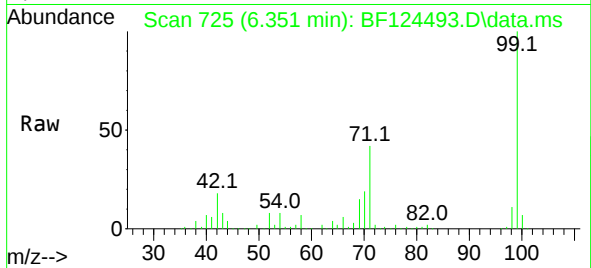




#7
Phenol-d6
Concen: 115.336 ng
RT: 6.351 min Scan# 725
Delta R.T. 0.000 min
Lab File: BF124493.D
Acq: 30 Jun 2021 15:09

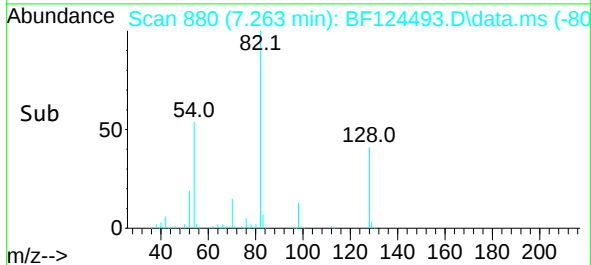
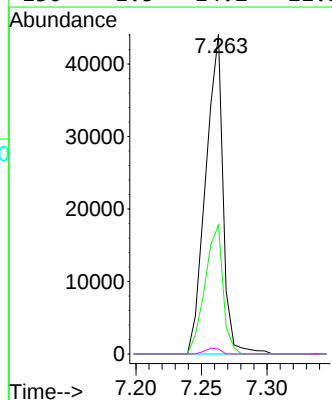
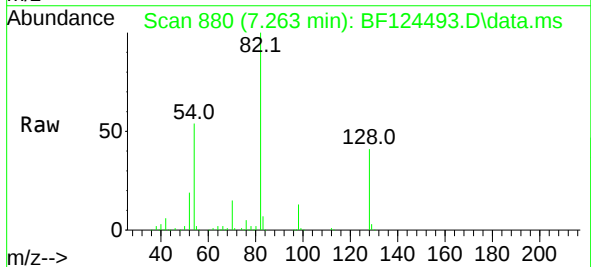
Instrument :
BNA_F
ClientSampleId :
PB137373BL

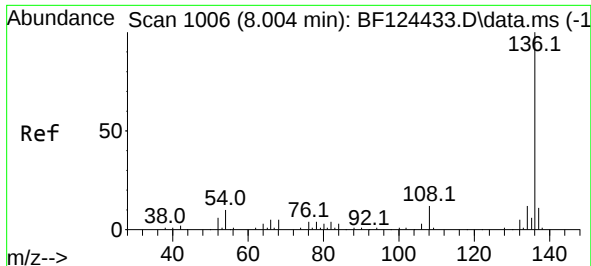
Tgt Ion: 99 Resp: 385674
Ion Ratio Lower Upper
99 100
42 17.8 19.8 29.8#
71 41.6 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.122 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.147 min
Lab File: BF124493.D
Acq: 30 Jun 2021 15:09

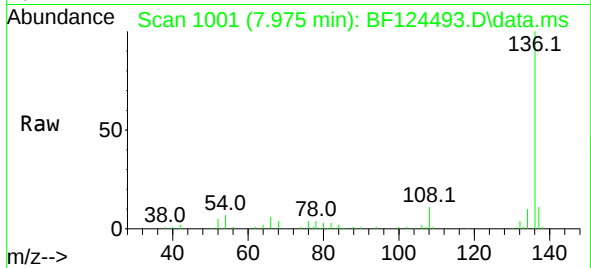
Tgt Ion: 70 Resp: 40753
Ion Ratio Lower Upper
70 100
42 40.3 60.1 90.1#
101 0.0 7.4 11.2#
130 1.5 14.2 21.2#



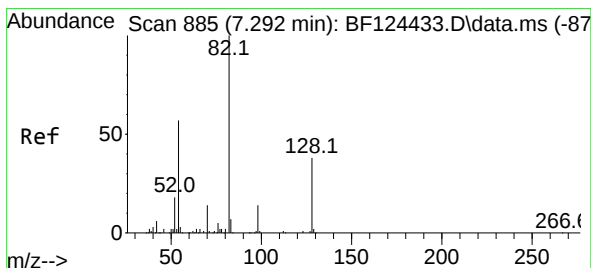
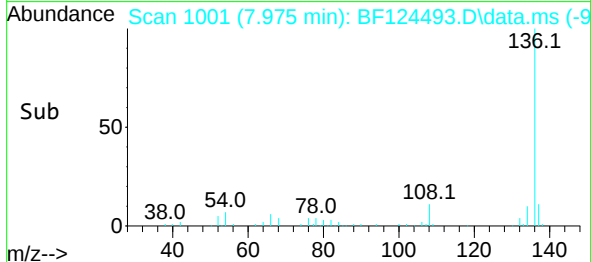
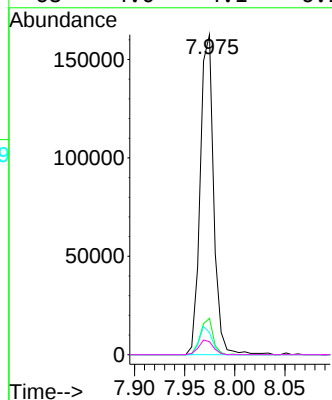


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BF124493.D
Acq: 30 Jun 2021 15:09

Instrument :
BNA_F
ClientSampleId :
PB137373BL

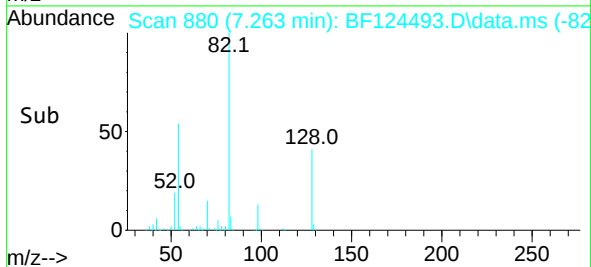
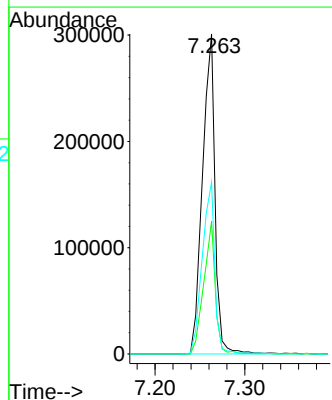
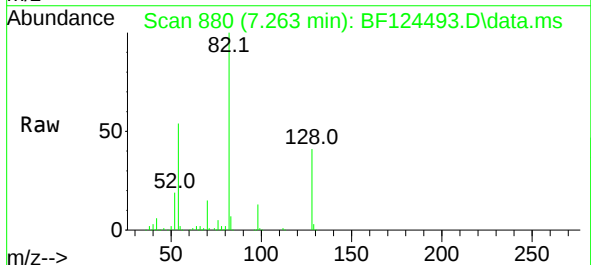


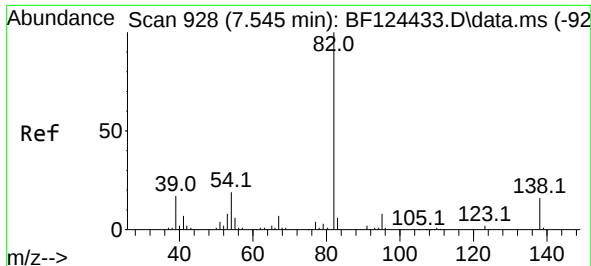
Tgt Ion:136 Resp: 152715
Ion Ratio Lower Upper
136 100
137 11.4 8.7 13.1
54 6.9 9.8 14.6#
68 4.0 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 79.190 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF124493.D
Acq: 30 Jun 2021 15:09

Tgt Ion: 82 Resp: 291671
Ion Ratio Lower Upper
82 100
128 41.5 29.4 44.2
54 53.7 54.1 81.1#

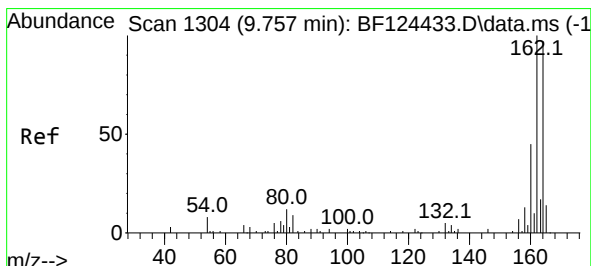
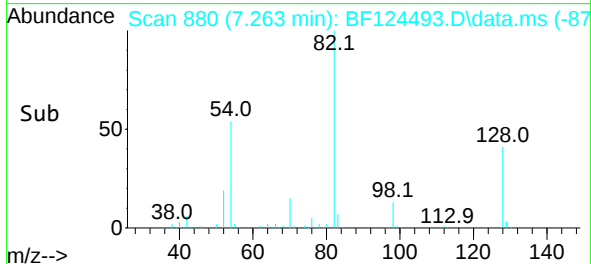
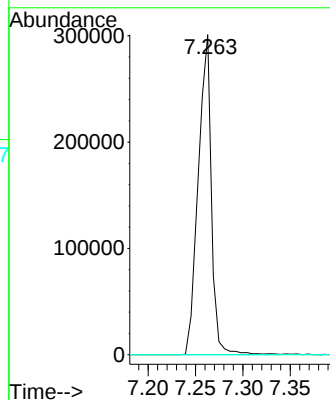
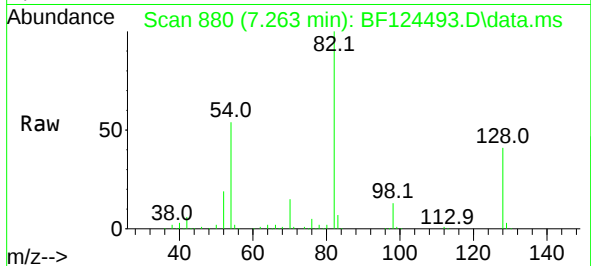




#25
Isophorone
Concen: 46.059 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.259 min
Lab File: BF124493.D
Acq: 30 Jun 2021 15:09

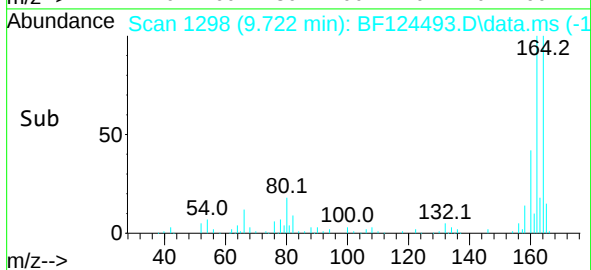
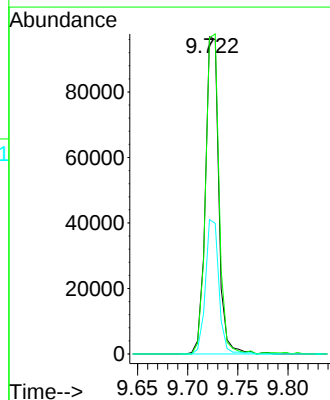
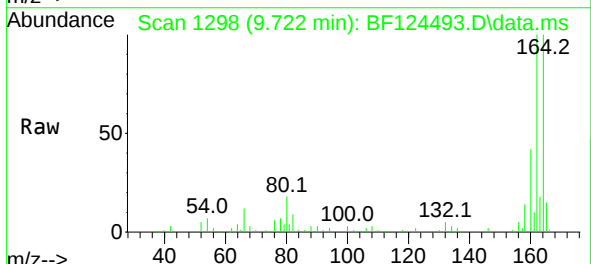
Instrument :
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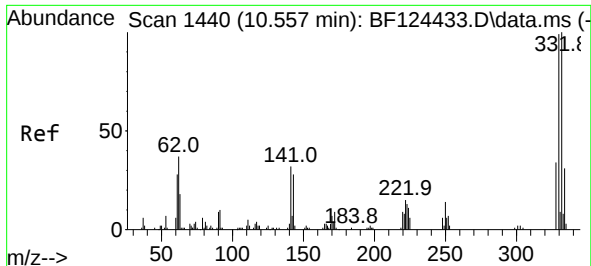
Tgt Ion: 82 Resp: 291666
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BF124493.D
Acq: 30 Jun 2021 15:09

Tgt Ion: 164 Resp: 90538
Ion Ratio Lower Upper
164 100
162 99.7 80.7 121.1
160 42.4 37.3 55.9

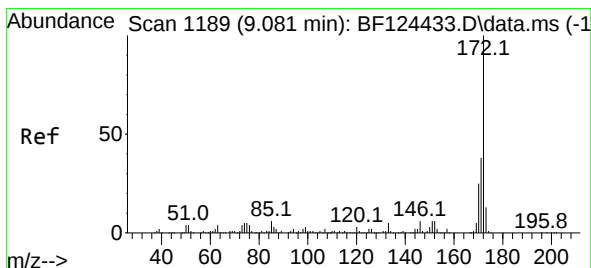
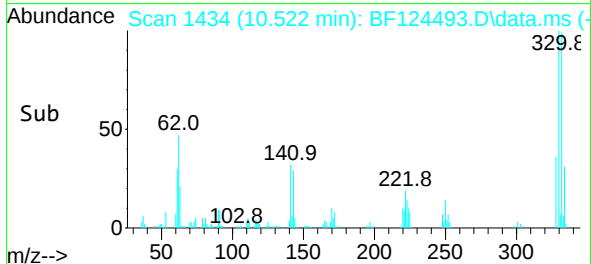
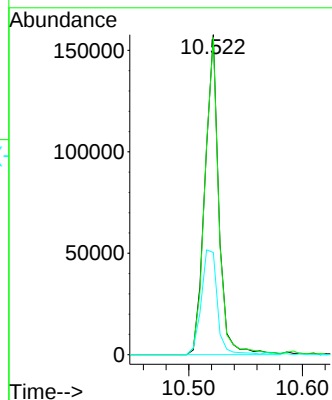
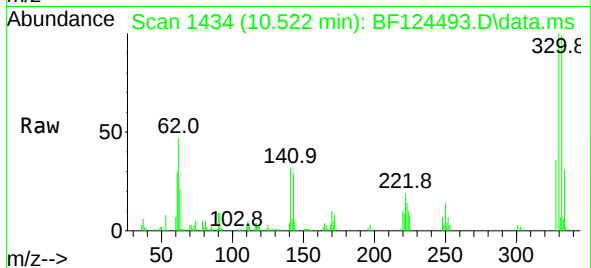




#42
2,4,6-Tribromophenol
Concen: 123.208 ng
RT: 10.522 min Scan# 1434
Delta R.T. 0.000 min
Lab File: BF124493.D
Acq: 30 Jun 2021 15:09

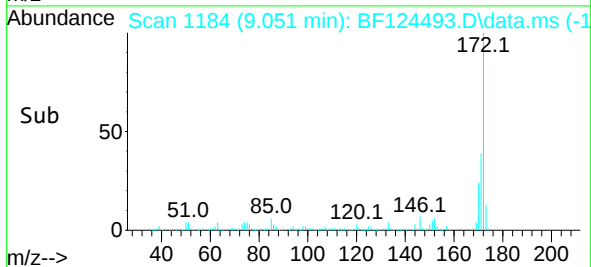
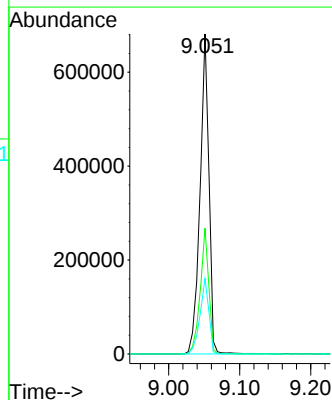
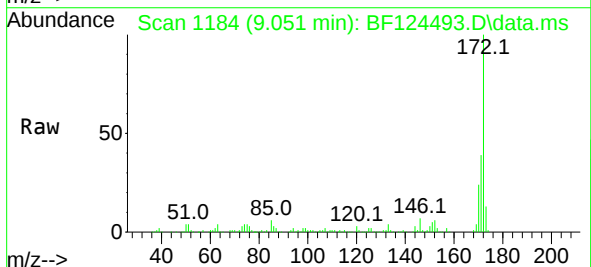
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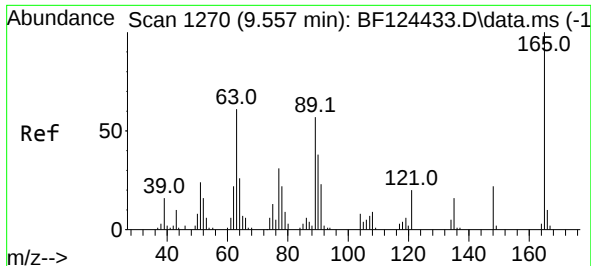
Tgt Ion: 330 Resp: 133273
Ion Ratio Lower Upper
330 100
332 99.1 77.1 115.7
141 37.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 80.884 ng
RT: 9.051 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF124493.D
Acq: 30 Jun 2021 15:09

Tgt Ion: 172 Resp: 597810
Ion Ratio Lower Upper
172 100
171 39.3 28.1 42.1
170 23.6 19.2 28.8

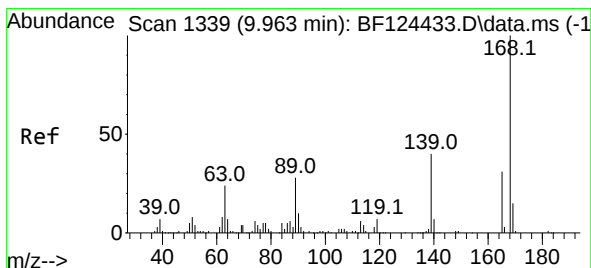
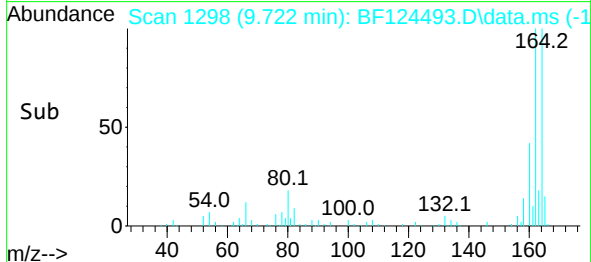
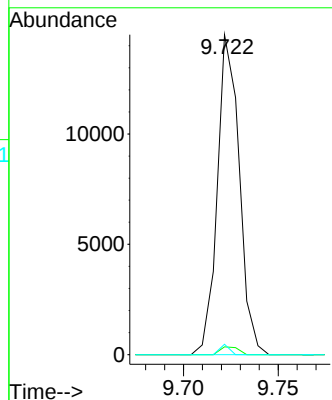
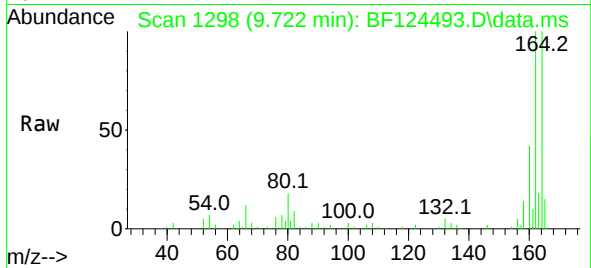




#51
2,6-Dinitrotoluene
Concen: 7.107 ng
RT: 9.722 min Scan# 1298
Delta R.T. 0.194 min
Lab File: BF124493.D
Acq: 30 Jun 2021 15:09

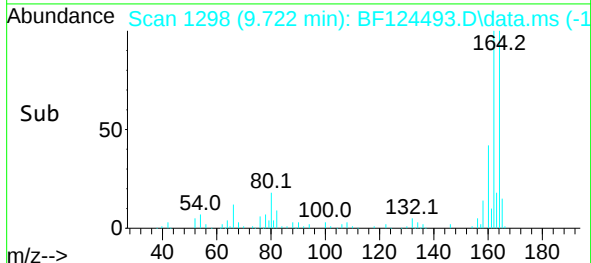
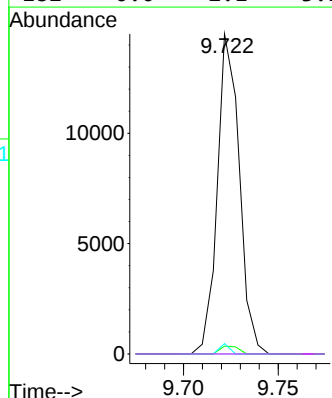
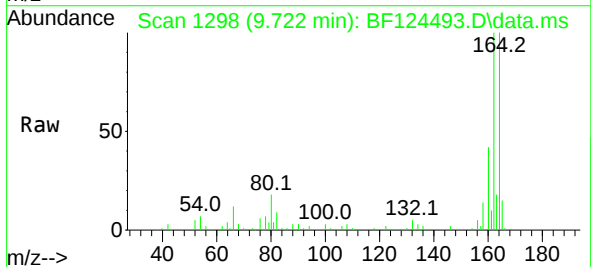
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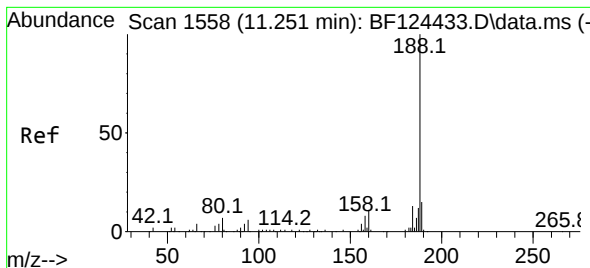
Tgt Ion:165 Resp: 11718
Ion Ratio Lower Upper
165 100
63 2.5 67.7 101.5#
89 3.2 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.361 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.212 min
Lab File: BF124493.D
Acq: 30 Jun 2021 15:09

Tgt Ion:165 Resp: 11718
Ion Ratio Lower Upper
165 100
63 2.5 43.5 65.3#
89 3.2 67.7 101.5#
182 0.0 2.1 3.1#

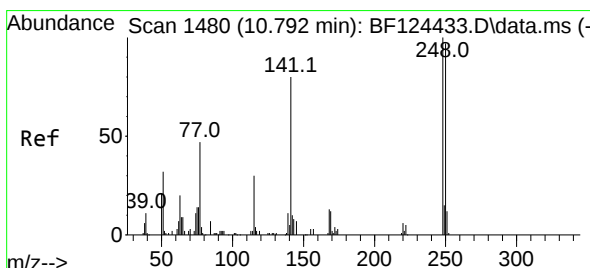
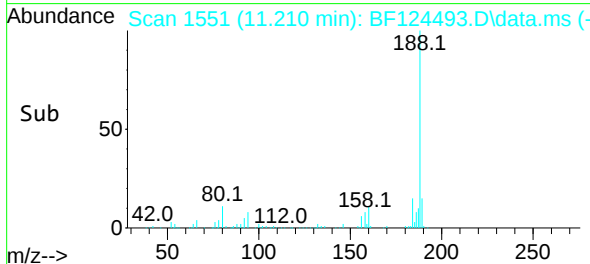
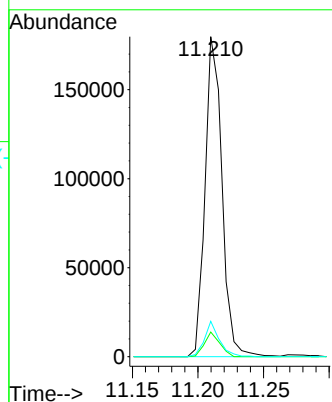
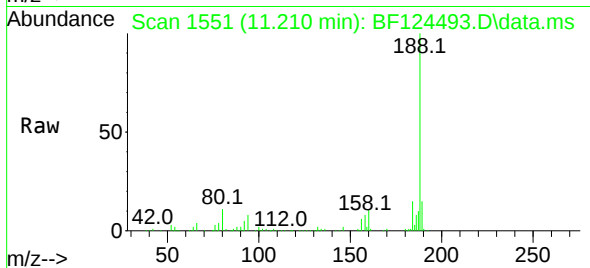




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 1551
Delta R.T. -0.006 min
Lab File: BF124493.D
Acq: 30 Jun 2021 15:09

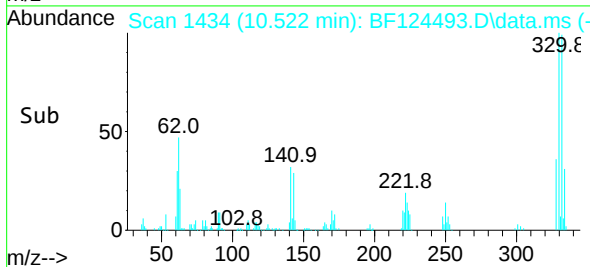
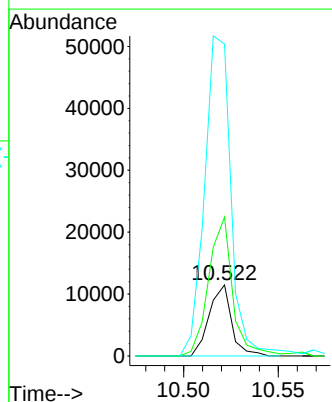
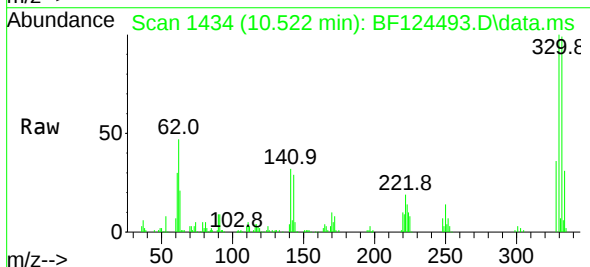
Instrument :
BNA_F
ClientSampleId :
PB137373BL

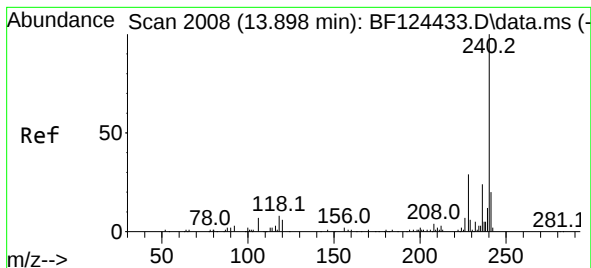
Tgt Ion:188 Resp: 161838
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 11.0 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.338 ng
RT: 10.522 min Scan# 1434
Delta R.T. -0.235 min
Lab File: BF124493.D
Acq: 30 Jun 2021 15:09

Tgt Ion:248 Resp: 9444
Ion Ratio Lower Upper
248 100
250 195.5 77.4 116.2#
141 438.9 63.7 95.5#

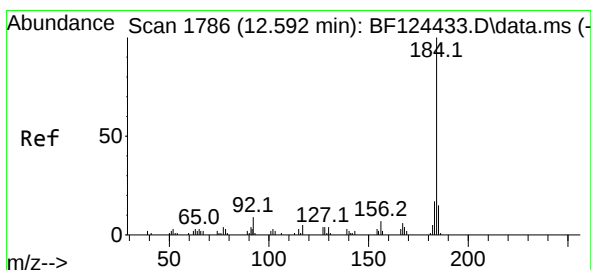
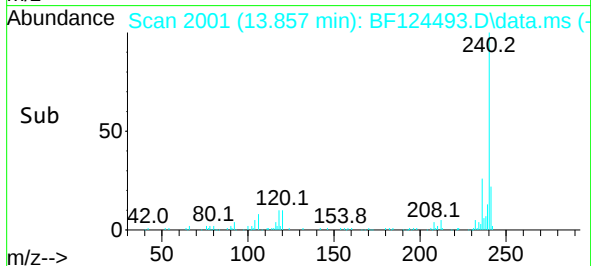
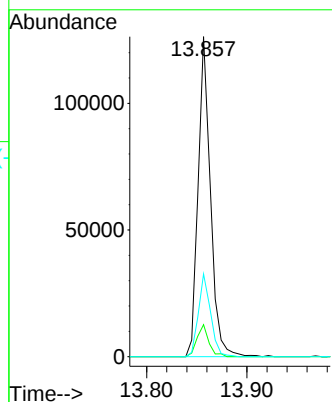
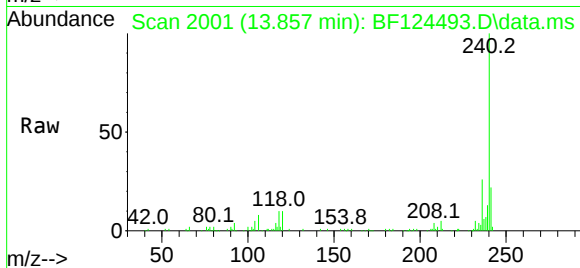




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.857 min Scan# 2001
Delta R.T. 0.000 min
Lab File: BF124493.D
Acq: 30 Jun 2021 15:09

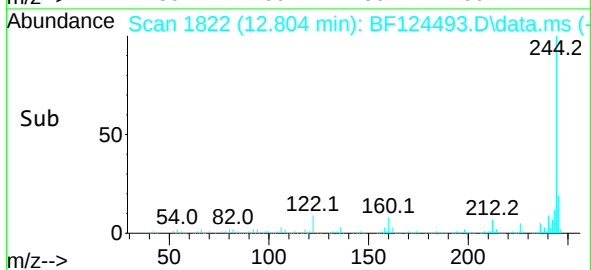
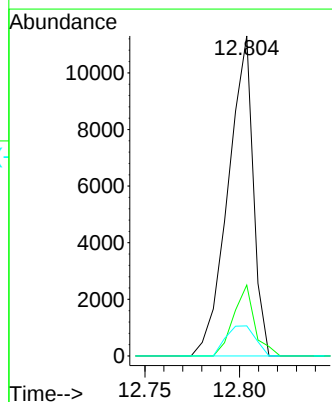
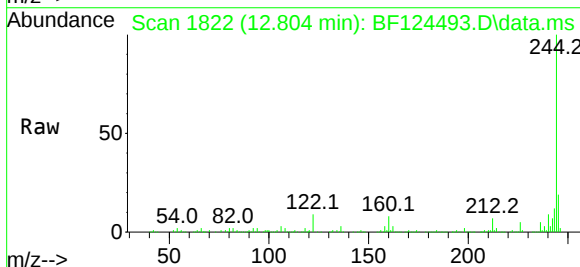
Instrument :
BNA_F
ClientSampleId :
PB137373BL

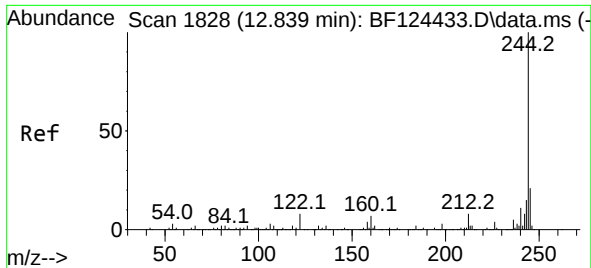
Tgt Ion:240 Resp: 108134
Ion Ratio Lower Upper
240 100
120 10.0 7.2 10.8
236 25.8 19.0 28.4



#77
Benzidine
Concen: 4.788 ng
RT: 12.804 min Scan# 1822
Delta R.T. 0.253 min
Lab File: BF124493.D
Acq: 30 Jun 2021 15:09

Tgt Ion:184 Resp: 10377
Ion Ratio Lower Upper
184 100
185 22.2 12.1 18.1#
183 9.4 7.8 11.8

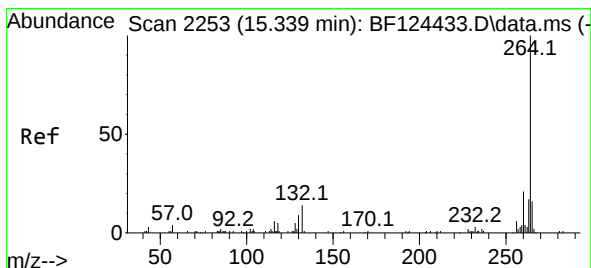
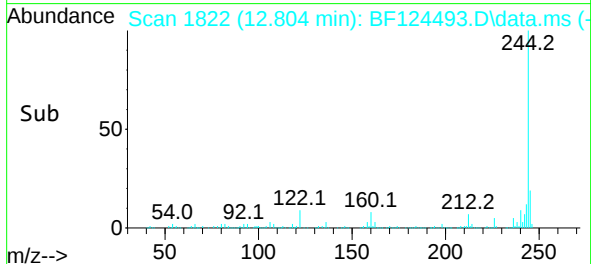
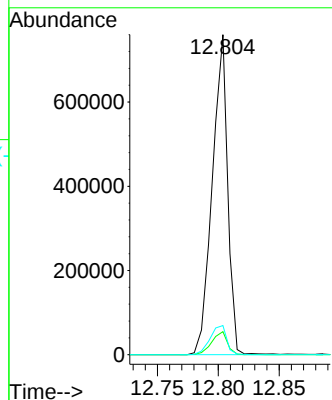
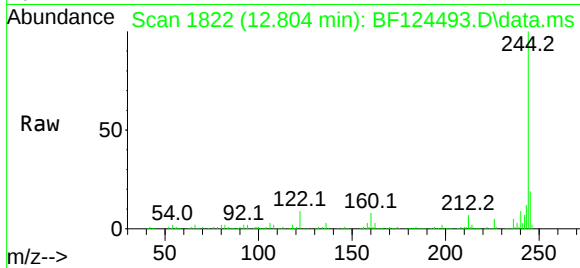




#79
 Terphenyl-d14
 Concen: 92.920 ng
 RT: 12.804 min Scan# 1822
 Delta R.T. 0.006 min
 Lab File: BF124493.D
 Acq: 30 Jun 2021 15:09

Instrument :
 BNA_F
 ClientSampleId :
 PB137373BL

Tgt Ion:244 Resp: 670841
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 9.1 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.286 min Scan# 2244
 Delta R.T. 0.000 min
 Lab File: BF124493.D
 Acq: 30 Jun 2021 15:09

Tgt Ion:264 Resp: 88052
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.7 28.1
 265 21.6 17.8 26.8

