

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062821\
 Data File : BF124482.D
 Acq On : 28 Jun 2021 22:37
 Operator : JU/CG
 Sample : M2856-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Quant Time: Jun 29 05:13:09 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 28 16:01:42 2021
 Response via : Initial Calibration

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

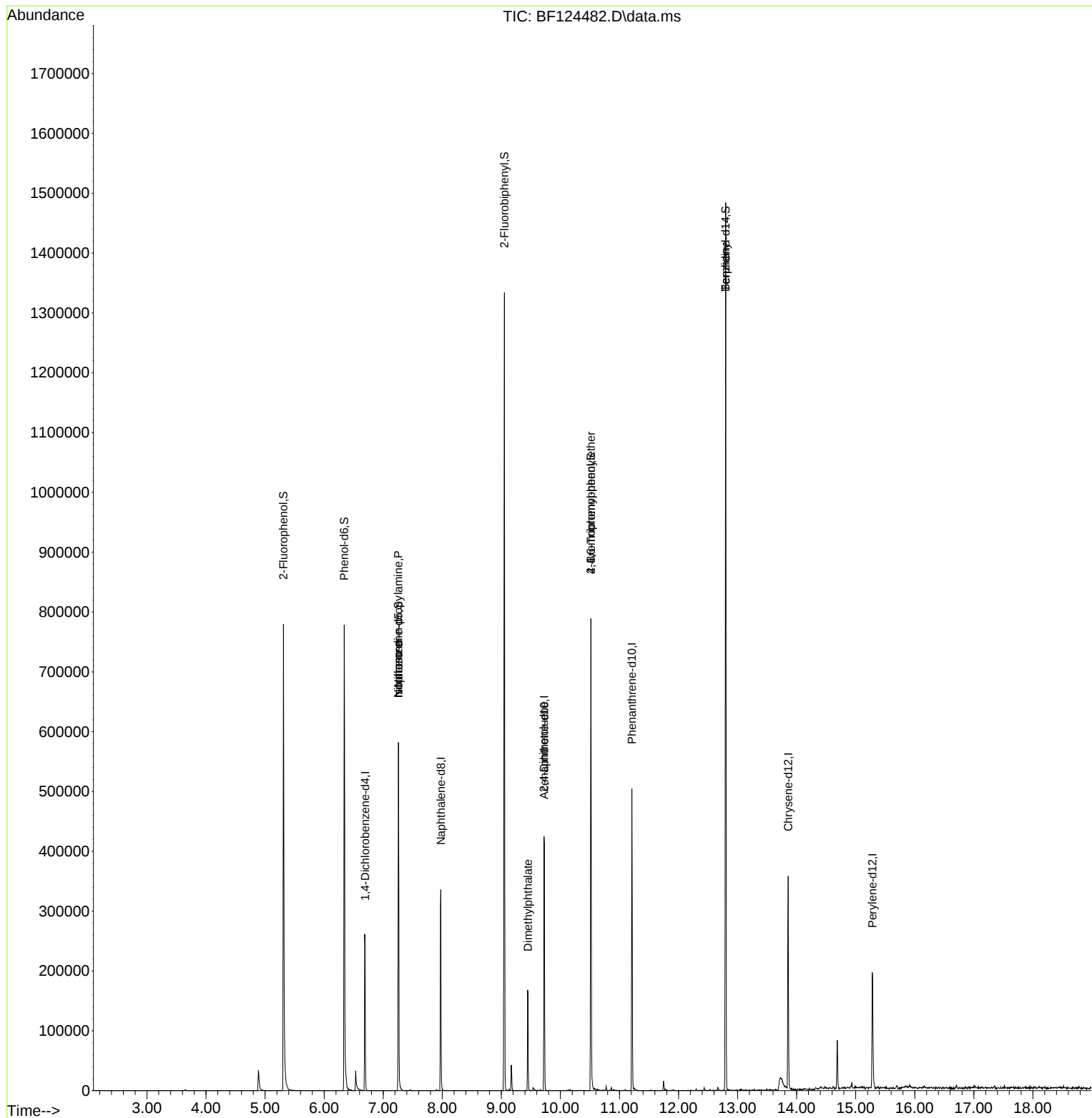
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.693	152	35448	20.00	ng	-0.01
21) Naphthalene-d8	7.975	136	138110	20.00	ng	#-0.01
39) Acenaphthene-d10	9.728	164	86468	20.00	ng	-0.01
64) Phenanthrene-d10	11.210	188	162687	20.00	ng	-0.02
76) Chrysene-d12	13.857	240	111448	20.00	ng	-0.01
86) Perylene-d12	15.280	264	79130	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	184071	81.67	ng	-0.02
7) Phenol-d6	6.340	99	223524	75.95	ng	-0.02
23) Nitrobenzene-d5	7.257	82	166194	49.89	ng	-0.02
42) 2,4,6-Tribromophenol	10.516	330	78591	76.08	ng	-0.02
45) 2-Fluorobiphenyl	9.051	172	354410	50.21	ng	-0.02
79) Terphenyl-d14	12.798	244	429179	57.68	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.257	70	24326	12.29	ng	# 57
25) Isophorone	7.257	82	166192	29.02	ng	# 69
50) Dimethylphthalate	9.451	163	64325	9.44	ng	# 98
57) 2,4-Dinitrotoluene	9.722	165	10596	5.08	ng	# 17
67) 4-Bromophenyl-phenylether	10.516	248	5046	2.31	ng	# 1
77) Benzidine	12.798	184	7143	3.20	ng	# 94

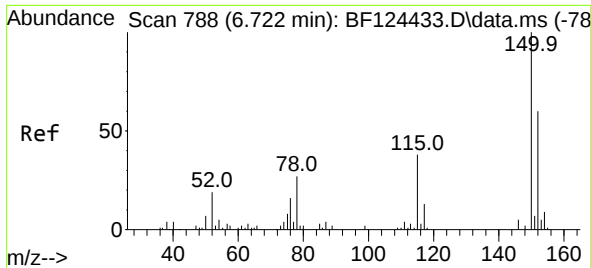
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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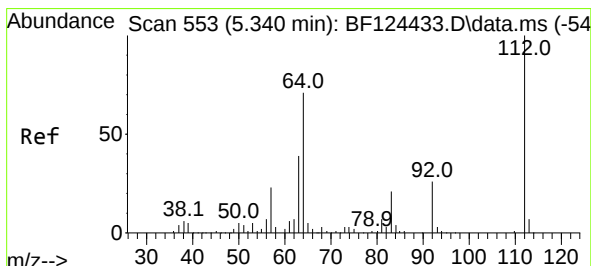
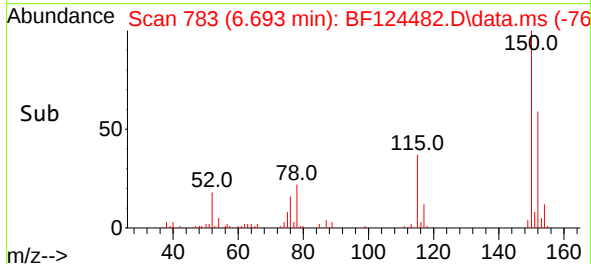
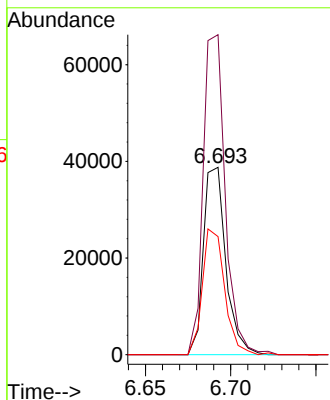
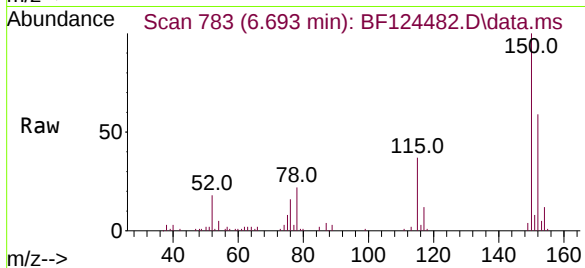




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.693 min Scan# 783
 Delta R.T. -0.011 min
 Lab File: BF124482.D
 Acq: 28 Jun 2021 22:37

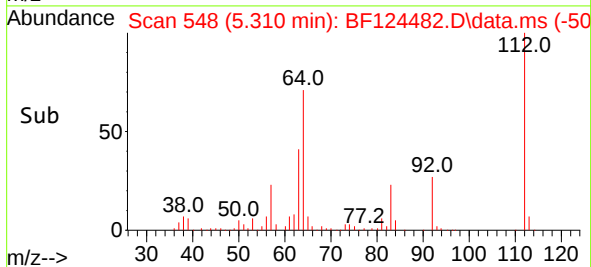
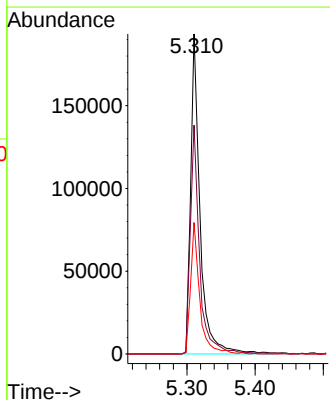
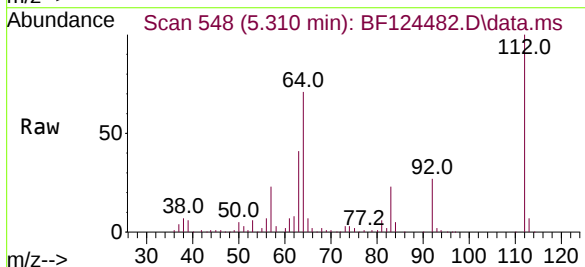
Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

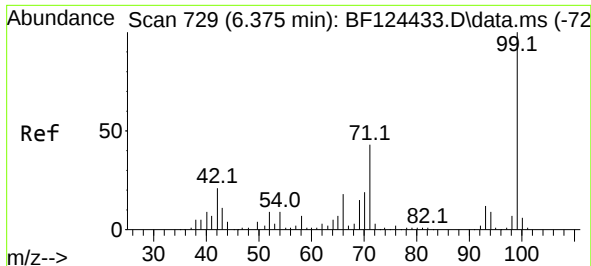
Tgt Ion:152 Resp: 35448
 Ion Ratio Lower Upper
 152 100
 150 170.8 127.0 190.6
 115 63.0 54.3 81.5



#5
 2-Fluorophenol
 Concen: 81.67 ng
 RT: 5.310 min Scan# 548
 Delta R.T. -0.017 min
 Lab File: BF124482.D
 Acq: 28 Jun 2021 22:37

Tgt Ion:112 Resp: 184071
 Ion Ratio Lower Upper
 112 100
 64 71.5 61.4 92.0
 63 41.1 33.0 49.4

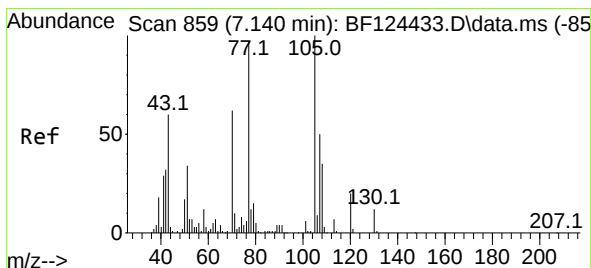
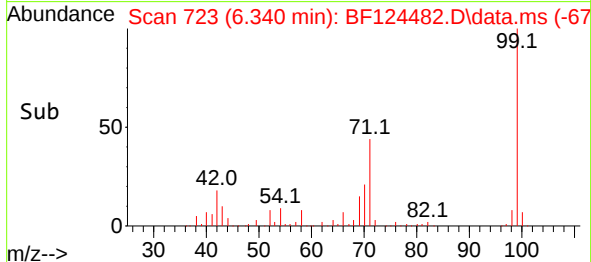
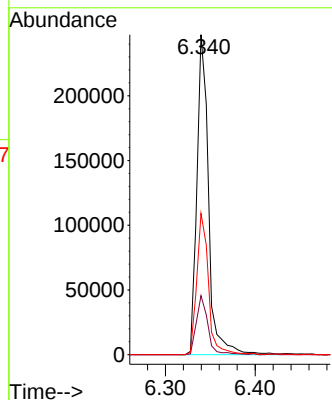
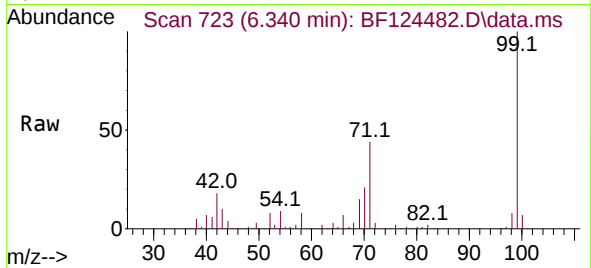




#7
Phenol-d6
Concen: 75.95 ng
RT: 6.340 min Scan# 723
Delta R.T. -0.023 min
Lab File: BF124482.D
Acq: 28 Jun 2021 22:37

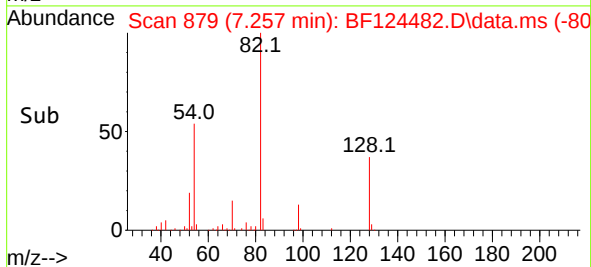
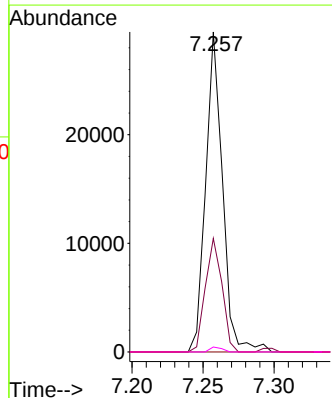
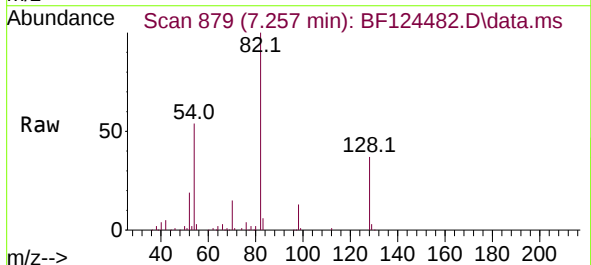
Instrument :
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ClientSampleId :
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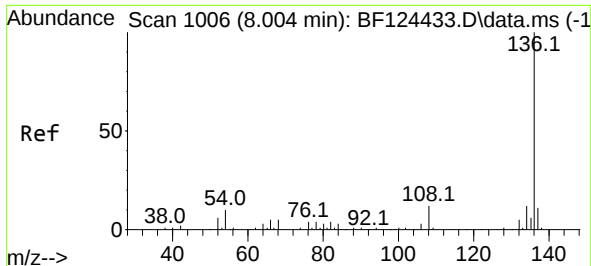
Tgt Ion: 99 Resp: 223524
Ion Ratio Lower Upper
99 100
42 18.4 19.8 29.8#
71 44.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.29 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.130 min
Lab File: BF124482.D
Acq: 28 Jun 2021 22:37

Tgt Ion: 70 Resp: 24326
Ion Ratio Lower Upper
70 100
42 35.5 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#

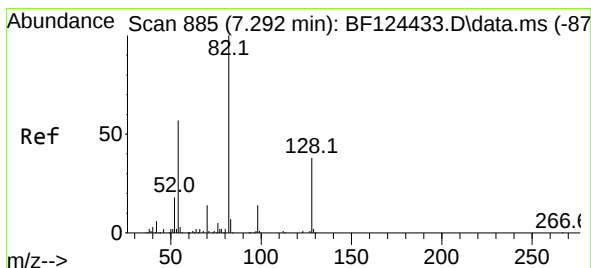
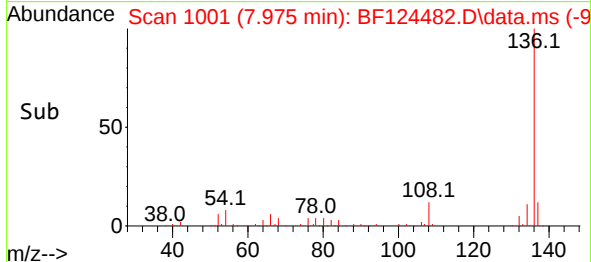
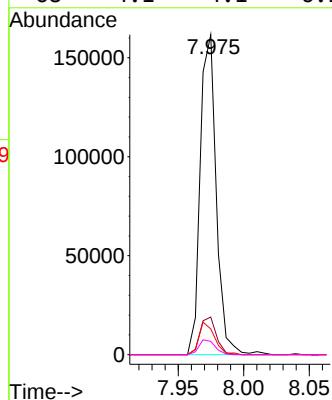
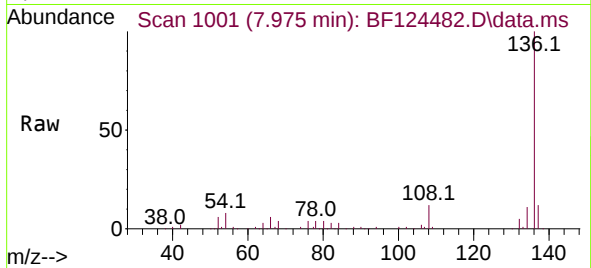




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.012 min
Lab File: BF124482.D
Acq: 28 Jun 2021 22:37

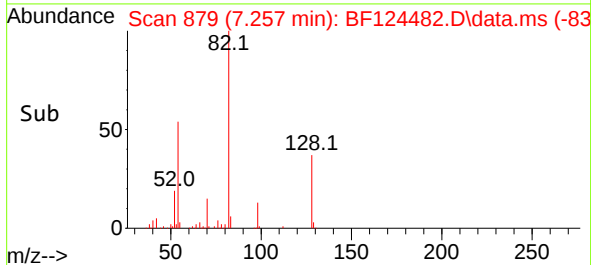
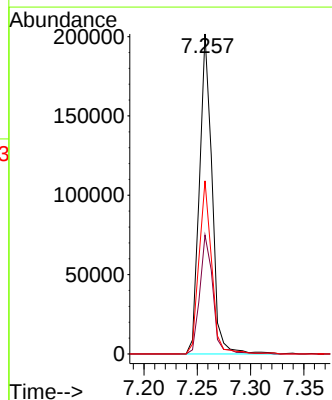
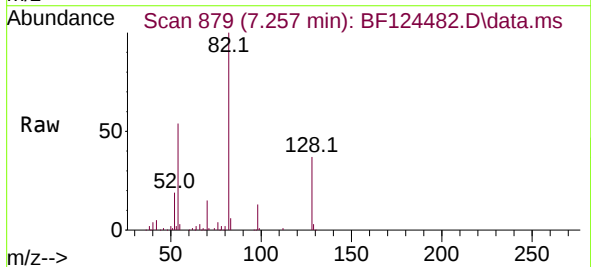
Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

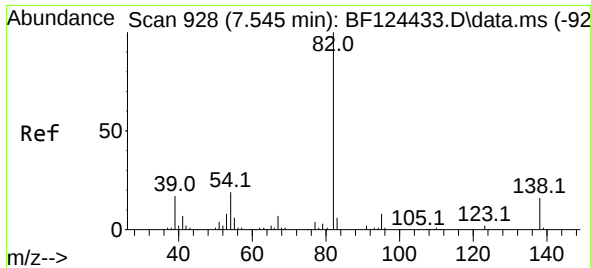
Tgt Ion:136	Resp: 138110
Ion Ratio	Lower Upper
136 100	
137 11.8	8.7 13.1
54 8.1	9.8 14.6#
68 4.1	4.1 6.1



#23
Nitrobenzene-d5
Concen: 49.89 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.023 min
Lab File: BF124482.D
Acq: 28 Jun 2021 22:37

Tgt Ion: 82	Resp: 166194
Ion Ratio	Lower Upper
82 100	
128 37.1	29.4 44.2
54 54.1	54.1 81.1

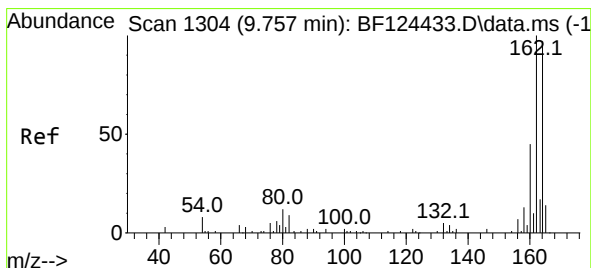
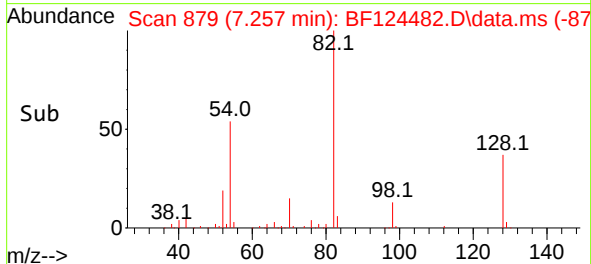
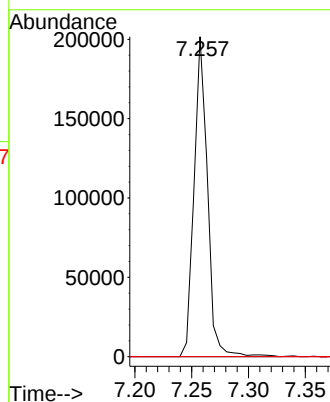
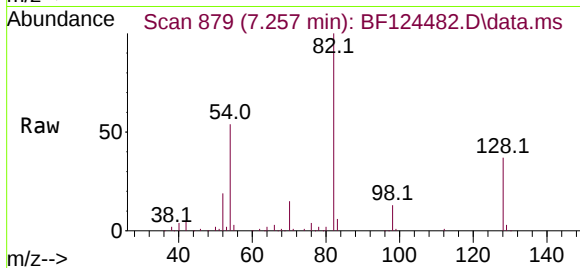




#25
Isophorone
Concen: 29.02 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.276 min
Lab File: BF124482.D
Acq: 28 Jun 2021 22:37

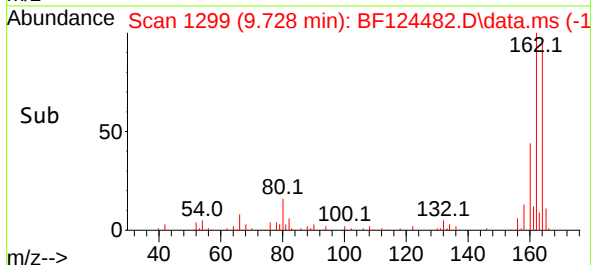
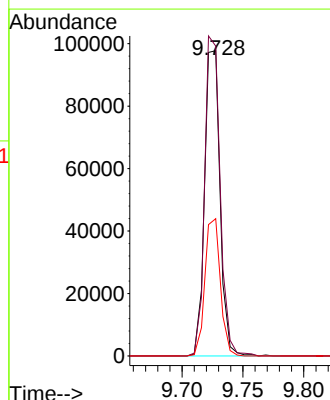
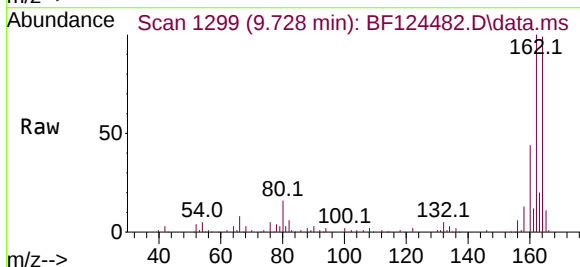
Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

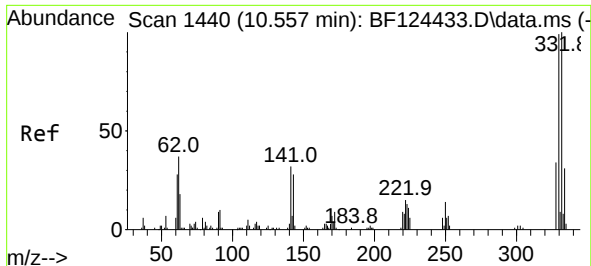
Tgt Ion: 82 Resp: 166192
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.728 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BF124482.D
Acq: 28 Jun 2021 22:37

Tgt Ion: 164 Resp: 86468
Ion Ratio Lower Upper
164 100
162 101.5 80.7 121.1
160 45.0 37.3 55.9

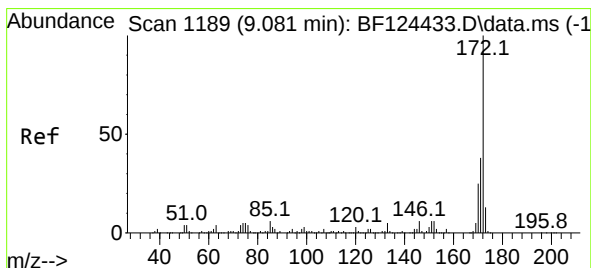
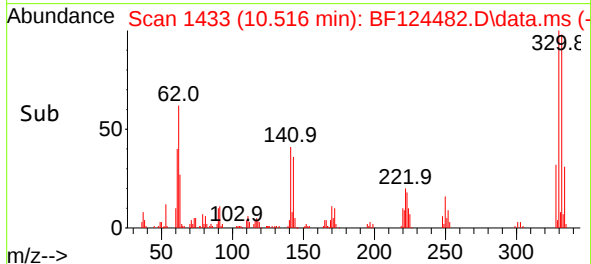
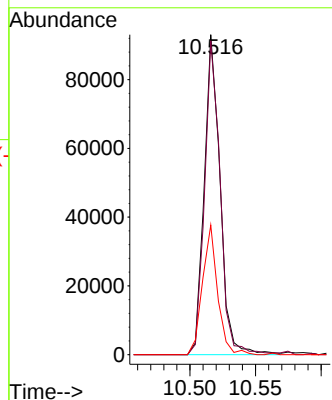
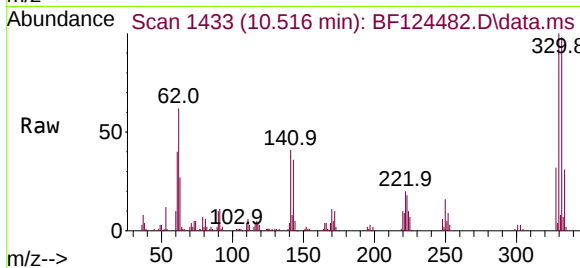




#42
2,4,6-Tribromophenol
Concen: 76.08 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.017 min
Lab File: BF124482.D
Acq: 28 Jun 2021 22:37

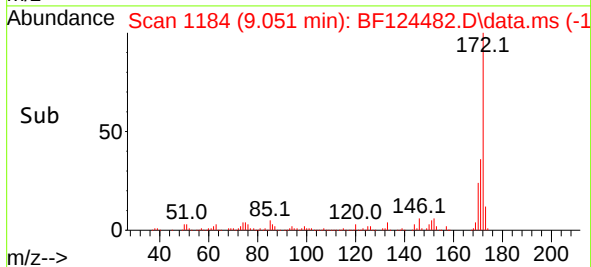
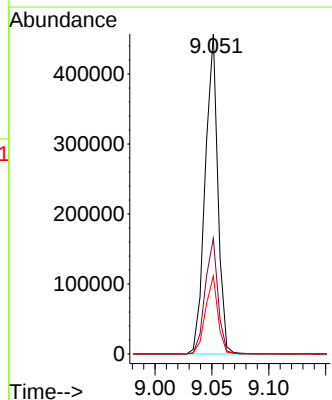
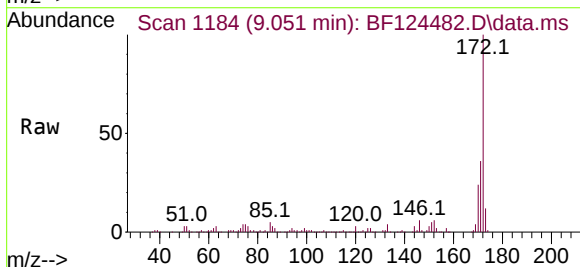
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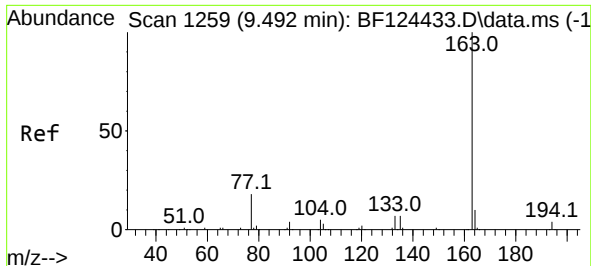
Tgt Ion: 330 Resp: 78591
Ion Ratio Lower Upper
330 100
332 96.3 77.1 115.7
141 38.7 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 50.21 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.017 min
Lab File: BF124482.D
Acq: 28 Jun 2021 22:37

Tgt Ion: 172 Resp: 354410
Ion Ratio Lower Upper
172 100
171 36.2 28.1 42.1
170 24.4 19.2 28.8

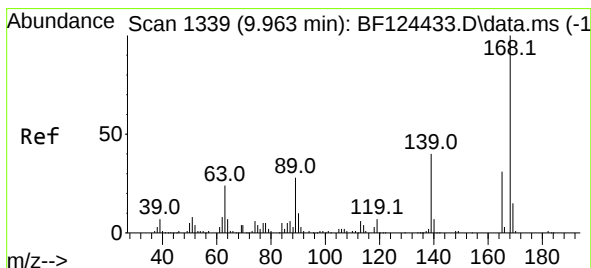
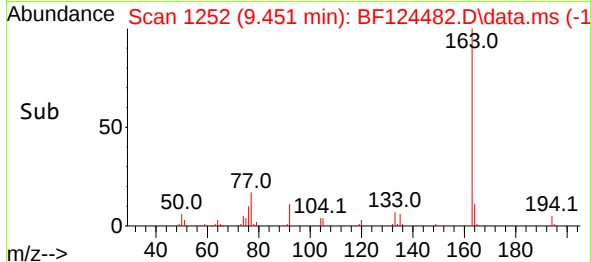
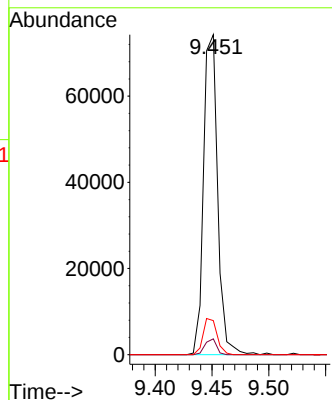
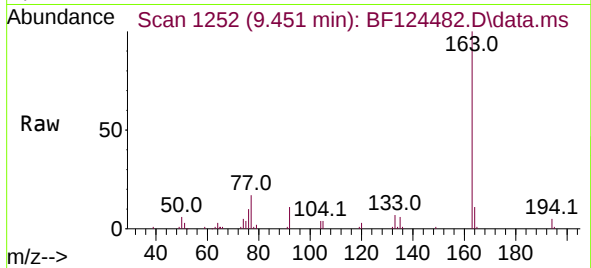




#50
Dimethylphthalate
Concen: 9.44 ng
RT: 9.451 min Scan# 1252
Delta R.T. -0.023 min
Lab File: BF124482.D
Acq: 28 Jun 2021 22:37

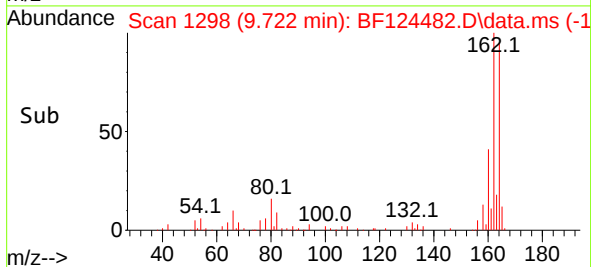
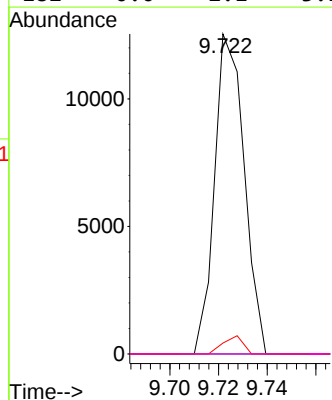
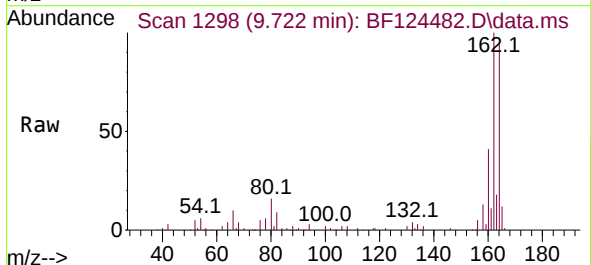
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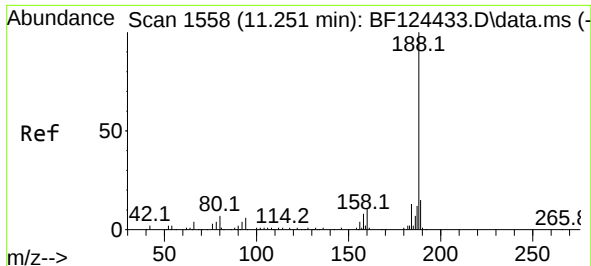
Tgt Ion:163 Resp: 64325
Ion Ratio Lower Upper
163 100
194 5.0 3.1 4.7#
164 10.7 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 5.08 ng
RT: 9.722 min Scan# 1298
Delta R.T. -0.223 min
Lab File: BF124482.D
Acq: 28 Jun 2021 22:37

Tgt Ion:165 Resp: 10596
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 3.4 67.7 101.5#
182 0.0 2.1 3.1#

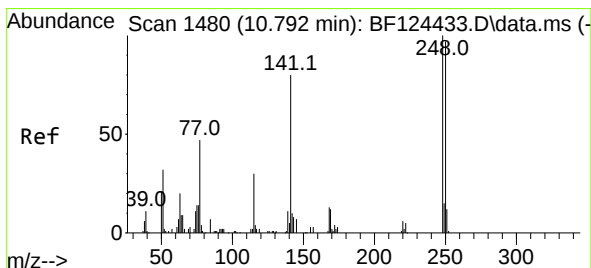
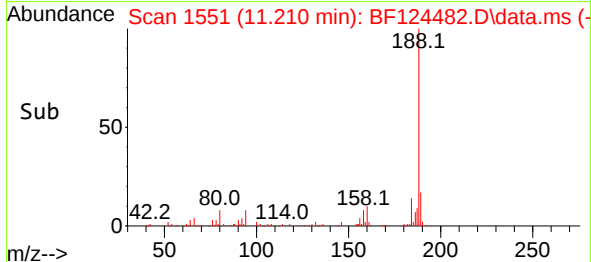
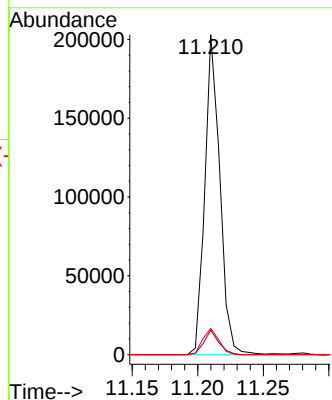
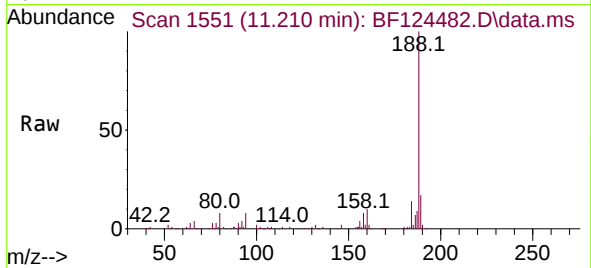




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.210 min Scan# 1551
Delta R.T. -0.017 min
Lab File: BF124482.D
Acq: 28 Jun 2021 22:37

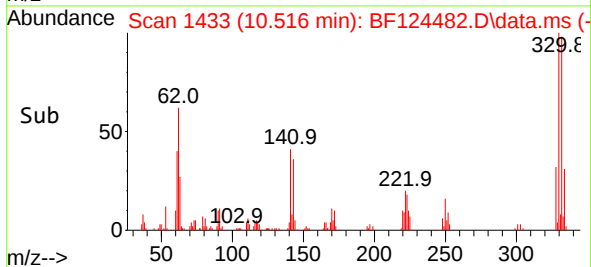
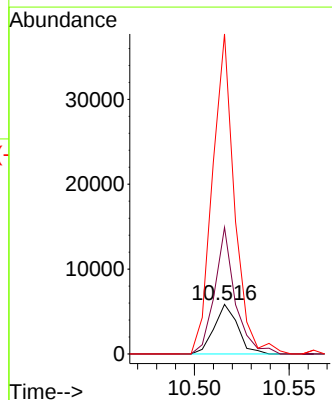
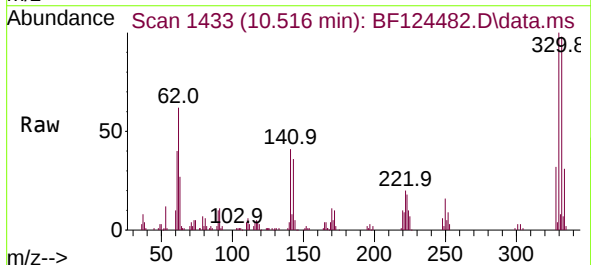
Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

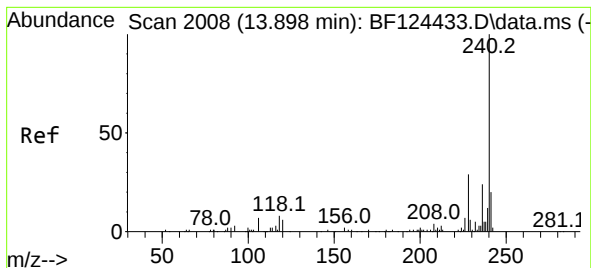
Tgt Ion:188 Resp: 162687
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 8.2 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 2.31 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.253 min
Lab File: BF124482.D
Acq: 28 Jun 2021 22:37

Tgt Ion:248 Resp: 5046
Ion Ratio Lower Upper
248 100
250 255.4 77.4 116.2#
141 646.1 63.7 95.5#

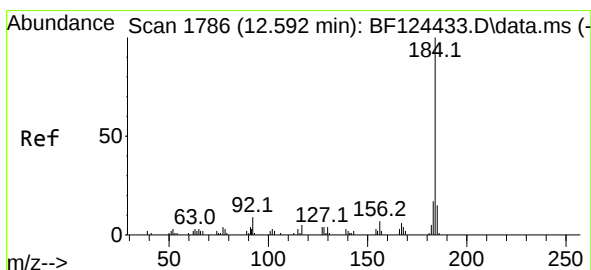
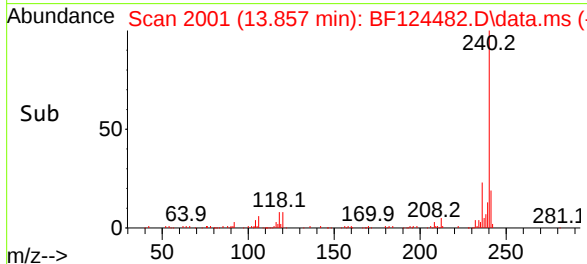
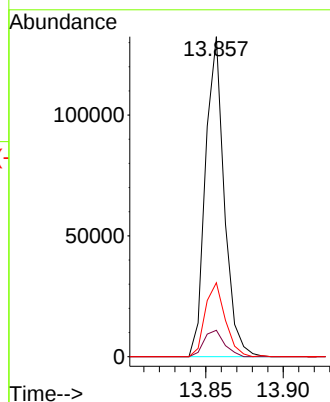
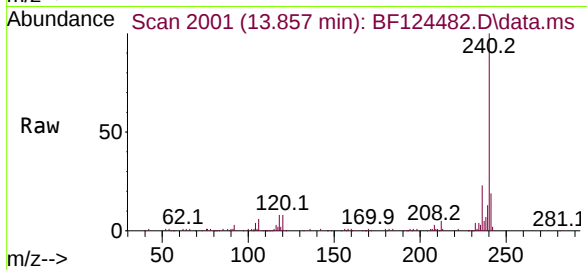




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.857 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF124482.D
Acq: 28 Jun 2021 22:37

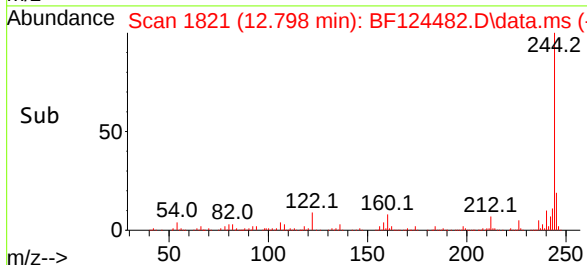
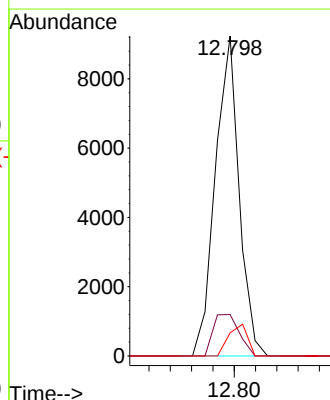
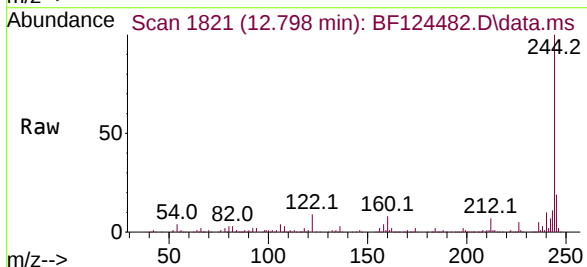
Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

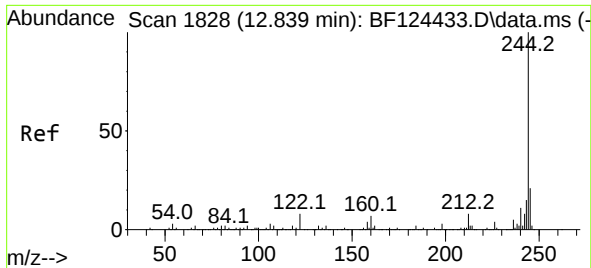
Tgt Ion:240 Resp: 111448
Ion Ratio Lower Upper
240 100
120 8.3 7.2 10.8
236 23.1 19.0 28.4



#77
Benzidine
Concen: 3.20 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.235 min
Lab File: BF124482.D
Acq: 28 Jun 2021 22:37

Tgt Ion:184 Resp: 7143
Ion Ratio Lower Upper
184 100
185 12.9 12.1 18.1
183 7.2 7.8 11.8#

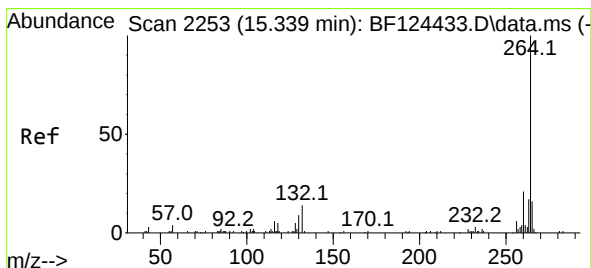
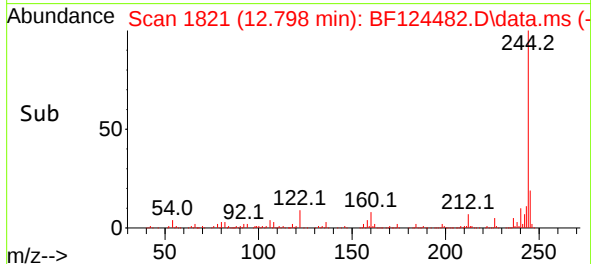
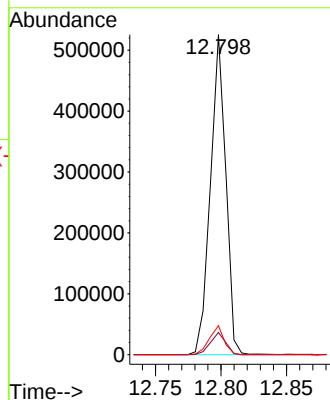
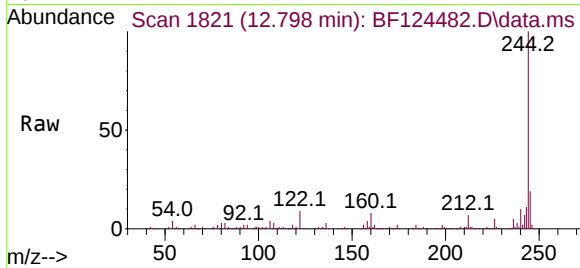




#79
 Terphenyl-d14
 Concen: 57.68 ng
 RT: 12.798 min Scan# 1821
 Delta R.T. -0.012 min
 Lab File: BF124482.D
 Acq: 28 Jun 2021 22:37

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Tgt Ion:244 Resp: 429179
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 9.0 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.280 min Scan# 2243
 Delta R.T. -0.012 min
 Lab File: BF124482.D
 Acq: 28 Jun 2021 22:37

Tgt Ion:264 Resp: 79130
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.7 28.1
 265 23.1 17.8 26.8

