

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062821\
 Data File : BF124484.D
 Acq On : 28 Jun 2021 23:45
 Operator : JU/CG
 Sample : M2856-04
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Quant Time: Jun 29 05:13:27 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)

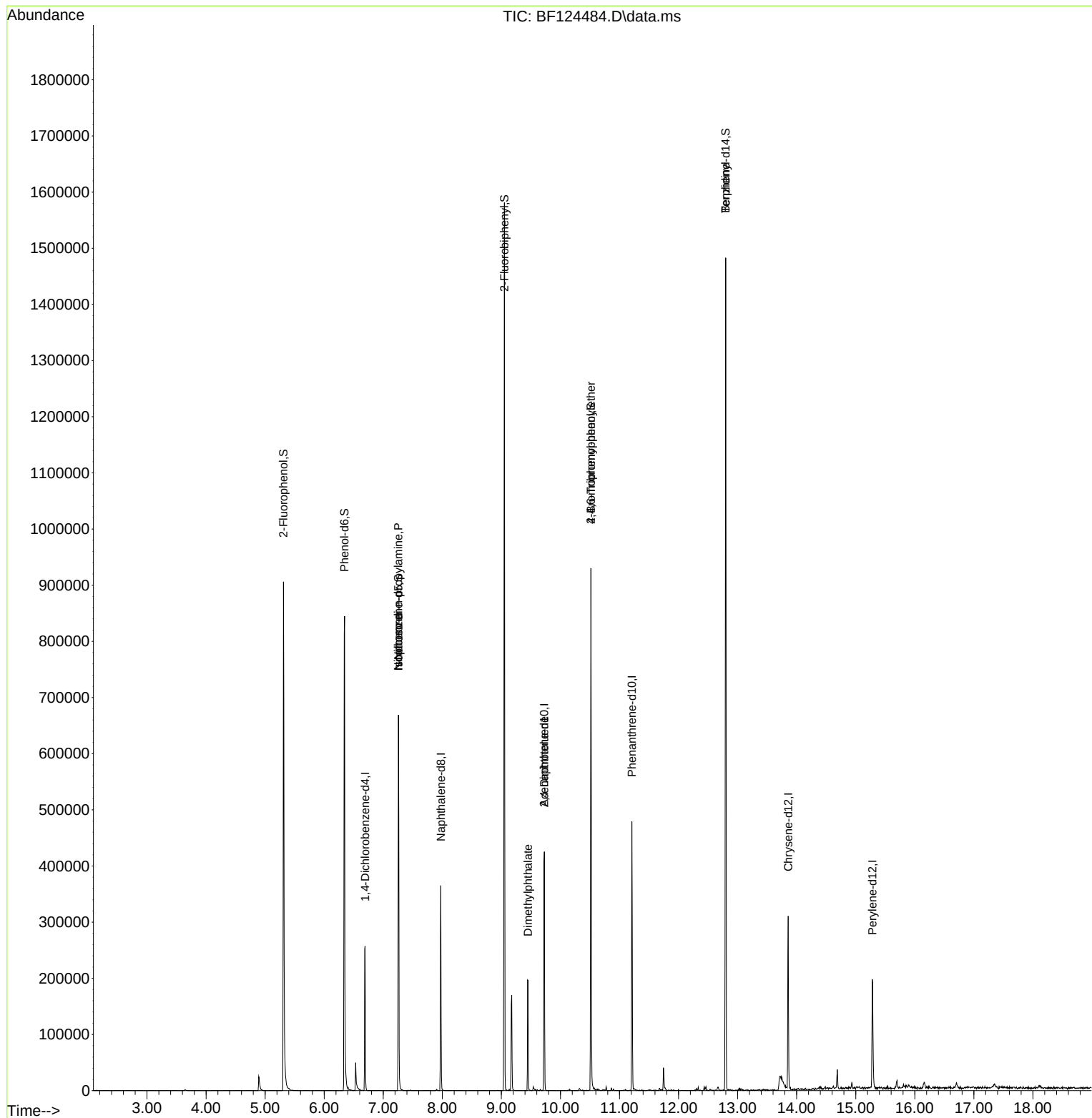
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	39294	20.00	ng	-0.01
21) Naphthalene-d8	7.975	136	143587	20.00	ng	#-0.01
39) Acenaphthene-d10	9.727	164	84946	20.00	ng	-0.01
64) Phenanthrene-d10	11.210	188	161332	20.00	ng	-0.02
76) Chrysene-d12	13.857	240	99153	20.00	ng	-0.01
86) Perylene-d12	15.280	264	78320	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	220959	88.44	ng	-0.02
7) Phenol-d6	6.345	99	263888	80.89	ng	-0.02
23) Nitrobenzene-d5	7.257	82	197802	57.12	ng	-0.02
42) 2,4,6-Tribromophenol	10.516	330	93669	92.30	ng	-0.02
45) 2-Fluorobiphenyl	9.051	172	408967	58.98	ng	-0.02
79) Terphenyl-d14	12.798	244	448305	67.72	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.257	70	26692	12.17	ng	# 68
25) Isophorone	7.257	82	197801	33.22	ng	# 69
50) Dimethylphthalate	9.451	163	75250	11.24	ng	# 99
57) 2,4-Dinitrotoluene	9.727	165	10537	5.14	ng	# 15
67) 4-Bromophenyl-phenylether	10.516	248	6382	2.94	ng	# 1
77) Benzidine	12.798	184	7149	3.60	ng	# 86

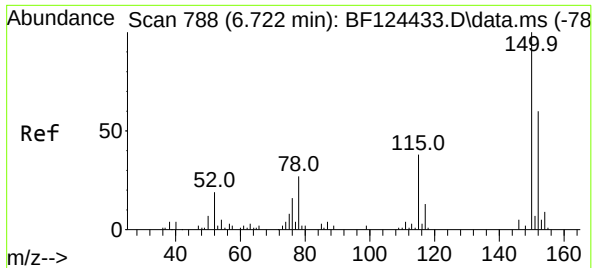
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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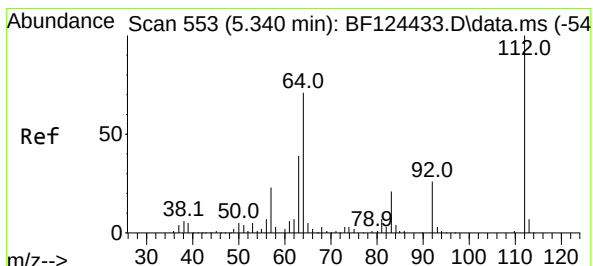
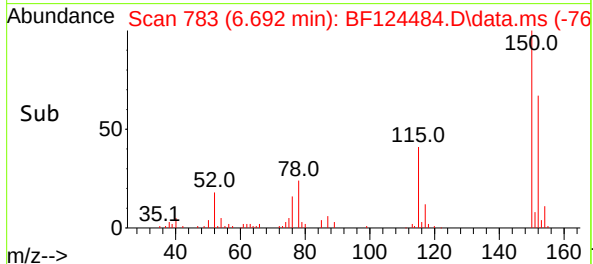
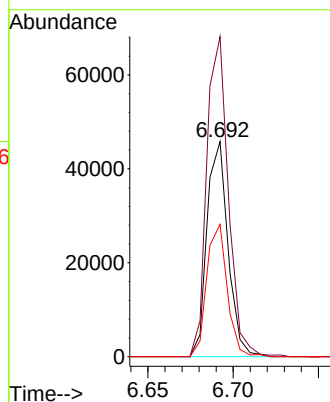
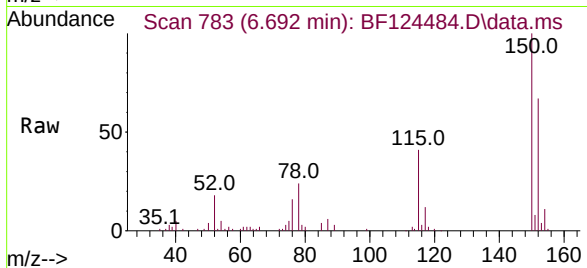




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.692 min Scan# 783
Delta R.T. -0.012 min
Lab File: BF124484.D
Acq: 28 Jun 2021 23:45

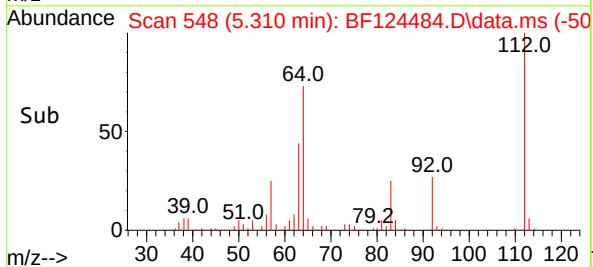
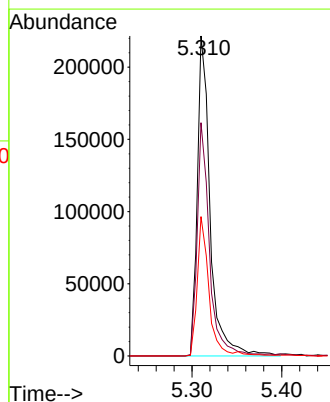
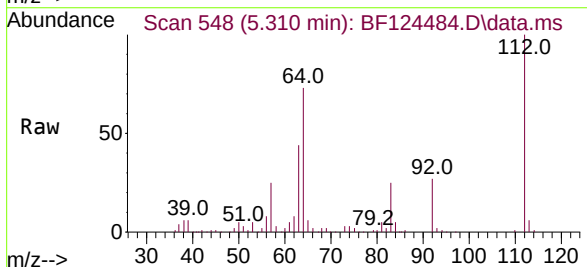
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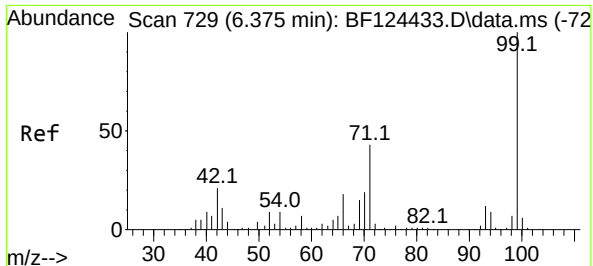
Tgt Ion:152 Resp: 39294
Ion Ratio Lower Upper
152 100
150 148.9 127.0 190.6
115 61.6 54.3 81.5



#5
2-Fluorophenol
Concen: 88.44 ng
RT: 5.310 min Scan# 548
Delta R.T. -0.018 min
Lab File: BF124484.D
Acq: 28 Jun 2021 23:45

Tgt Ion:112 Resp: 220959
Ion Ratio Lower Upper
112 100
64 72.9 61.4 92.0
63 43.6 33.0 49.4

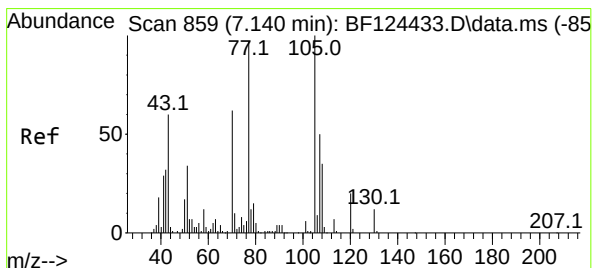
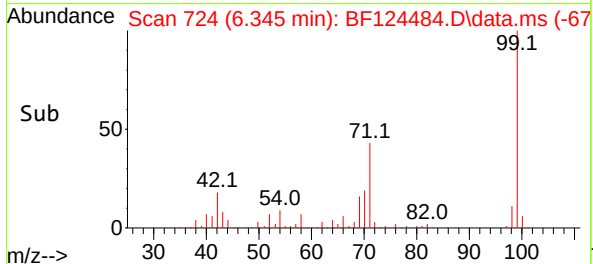
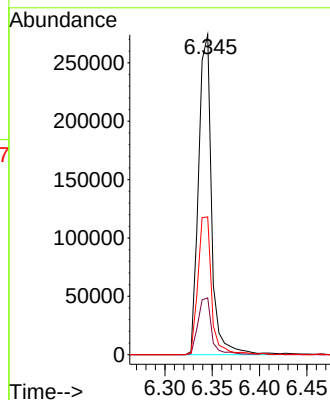
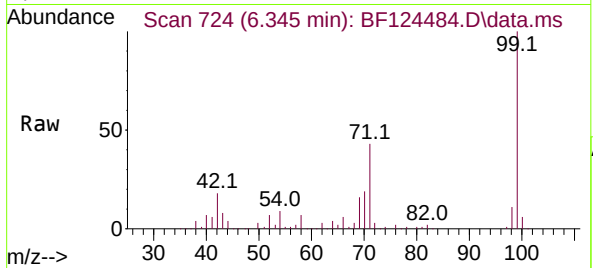




#7
Phenol-d6
Concen: 80.89 ng
RT: 6.345 min Scan# 724
Delta R.T. -0.018 min
Lab File: BF124484.D
Acq: 28 Jun 2021 23:45

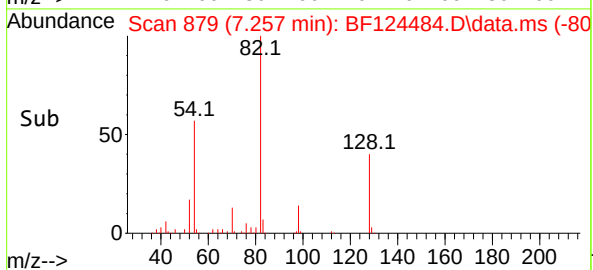
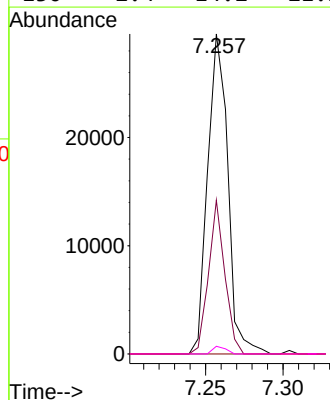
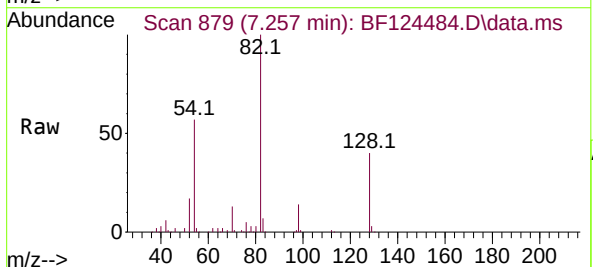
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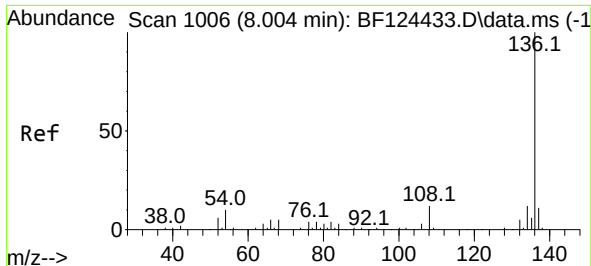
Tgt Ion: 99 Resp: 263888
Ion Ratio Lower Upper
99 100
42 17.8 19.8 29.8#
71 43.0 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 12.17 ng
RT: 7.257 min Scan# 879
Delta R.T. 0.129 min
Lab File: BF124484.D
Acq: 28 Jun 2021 23:45

Tgt Ion: 70 Resp: 26692
Ion Ratio Lower Upper
70 100
42 48.0 60.1 90.1#
101 0.0 7.4 11.2#
130 2.4 14.2 21.2#

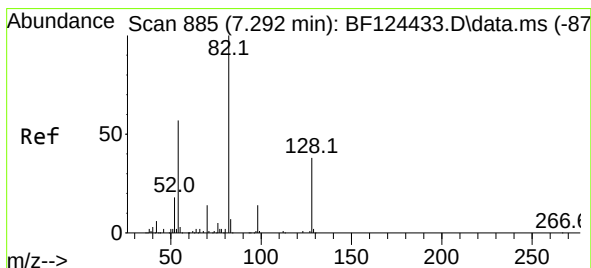
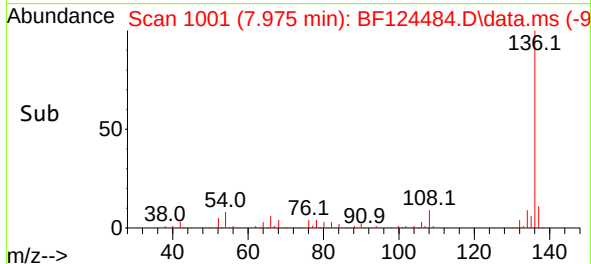
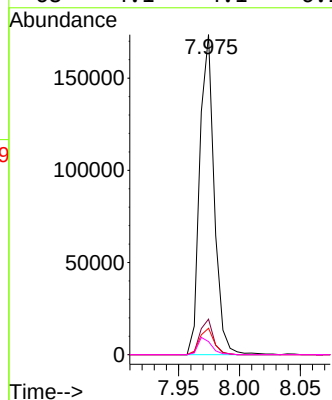
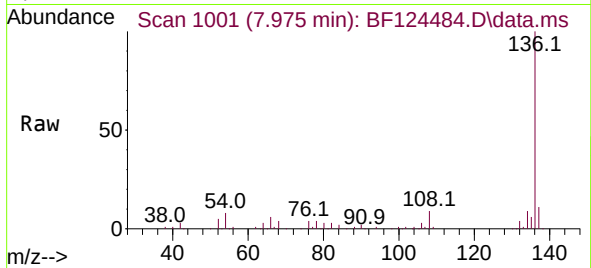




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.975 min Scan# 1001
Delta R.T. -0.012 min
Lab File: BF124484.D
Acq: 28 Jun 2021 23:45

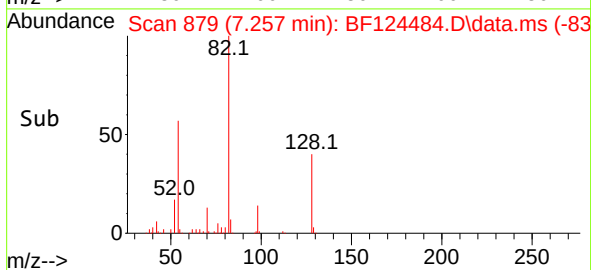
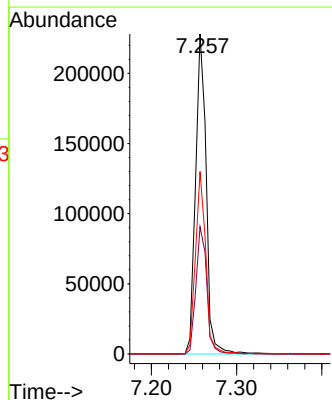
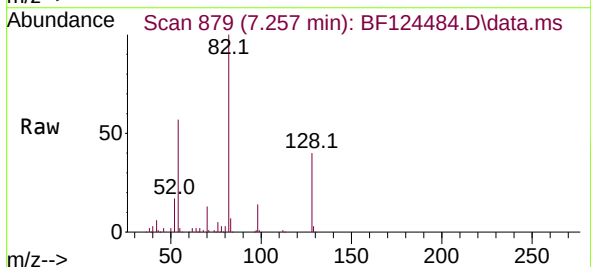
Instrument :
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ClientSampleId :
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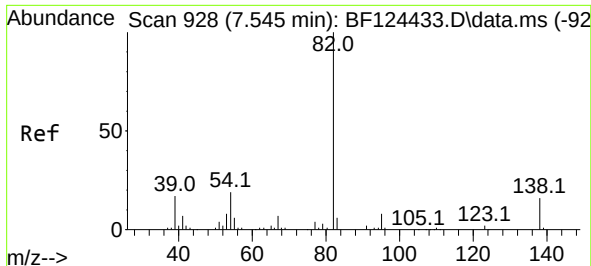
Tgt Ion:136	Resp: 143587
Ion Ratio	Lower Upper
136 100	
137 11.1	8.7 13.1
54 8.3	9.8 14.6#
68 4.1	4.1 6.1



#23
Nitrobenzene-d5
Concen: 57.12 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.024 min
Lab File: BF124484.D
Acq: 28 Jun 2021 23:45

Tgt Ion: 82	Resp: 197802
Ion Ratio	Lower Upper
82 100	
128 39.8	29.4 44.2
54 57.0	54.1 81.1

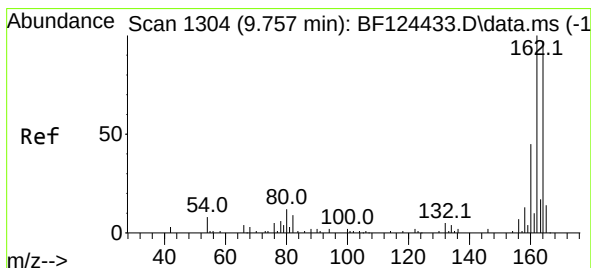
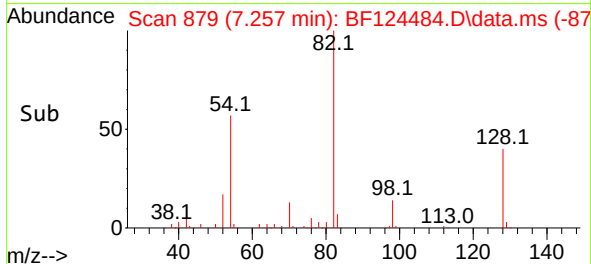
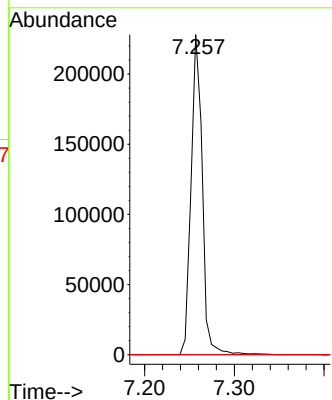
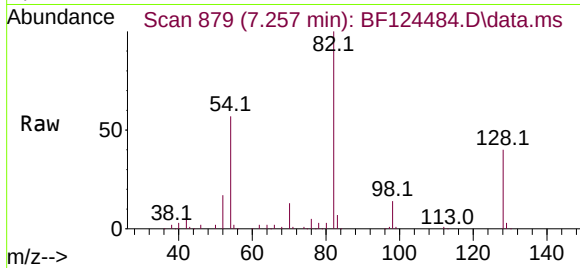




#25
Isophorone
Concen: 33.22 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.277 min
Lab File: BF124484.D
Acq: 28 Jun 2021 23:45

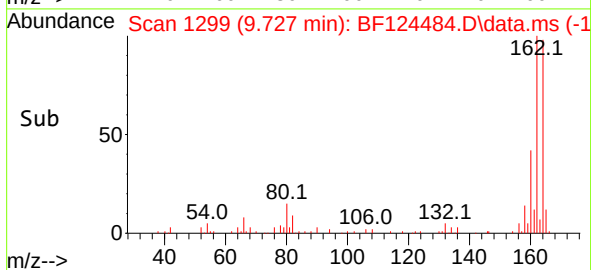
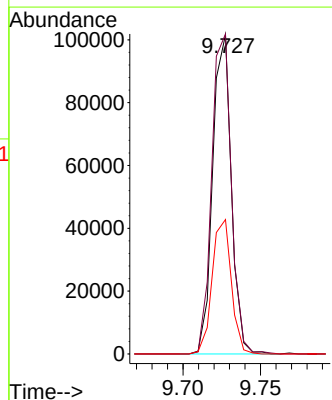
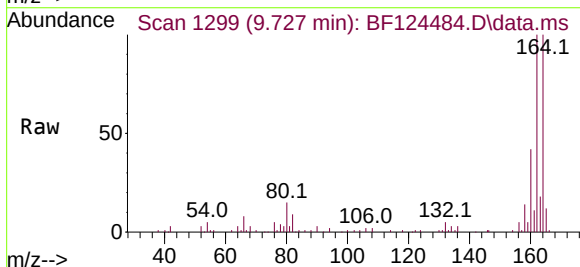
Instrument :
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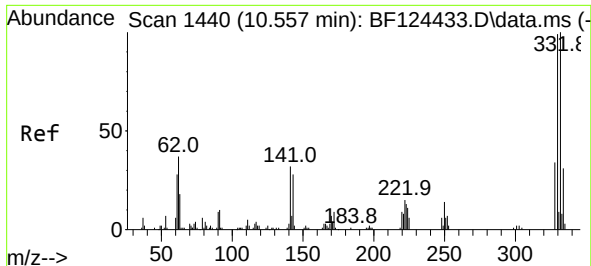
Tgt Ion: 82 Resp: 197801
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.012 min
Lab File: BF124484.D
Acq: 28 Jun 2021 23:45

Tgt Ion: 164 Resp: 84946
Ion Ratio Lower Upper
164 100
162 100.3 80.7 121.1
160 42.1 37.3 55.9

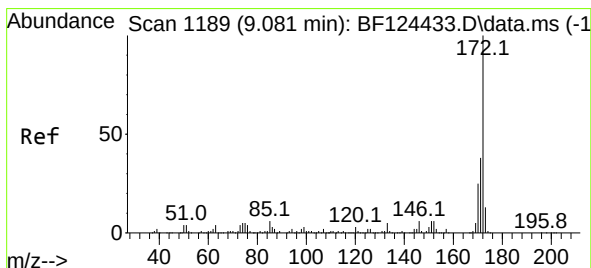
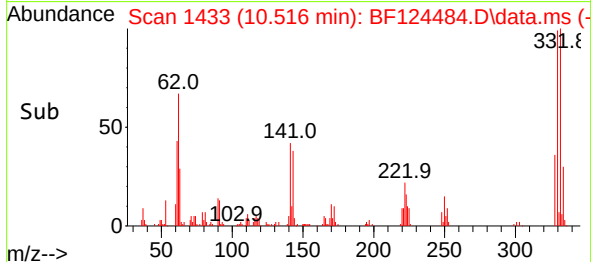
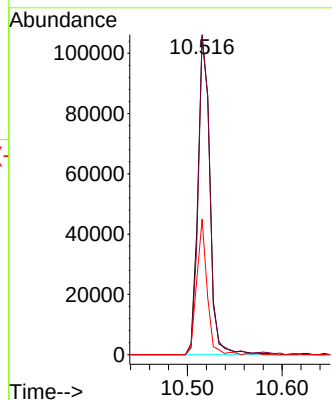
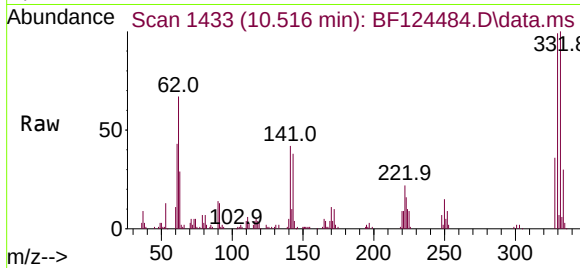




#42
2,4,6-Tribromophenol
Concen: 92.30 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.018 min
Lab File: BF124484.D
Acq: 28 Jun 2021 23:45

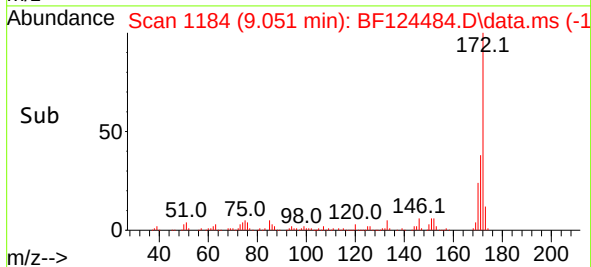
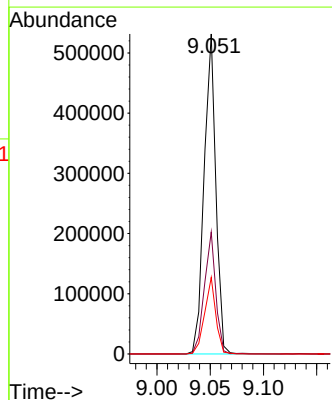
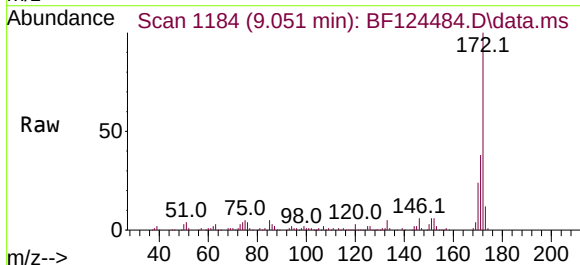
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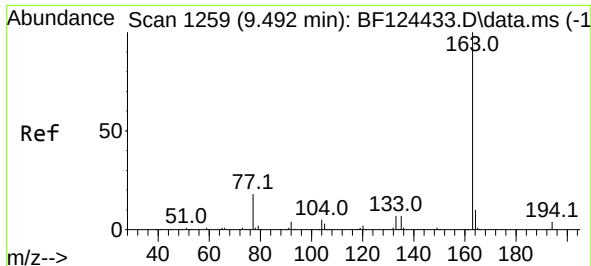
Tgt Ion: 330 Resp: 93669
Ion Ratio Lower Upper
330 100
332 97.0 77.1 115.7
141 36.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 58.98 ng
RT: 9.051 min Scan# 1184
Delta R.T. -0.018 min
Lab File: BF124484.D
Acq: 28 Jun 2021 23:45

Tgt Ion: 172 Resp: 408967
Ion Ratio Lower Upper
172 100
171 38.1 28.1 42.1
170 23.9 19.2 28.8

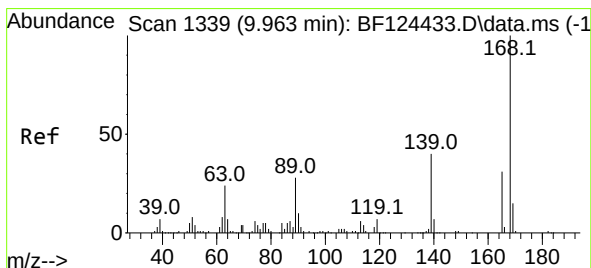
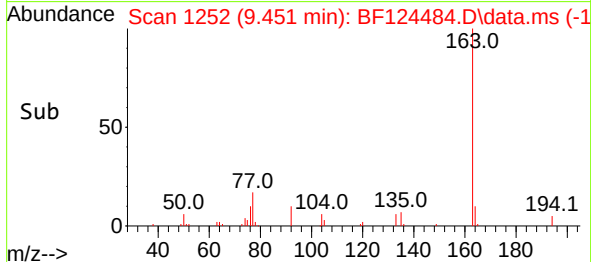
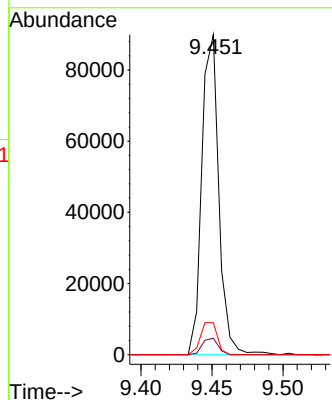
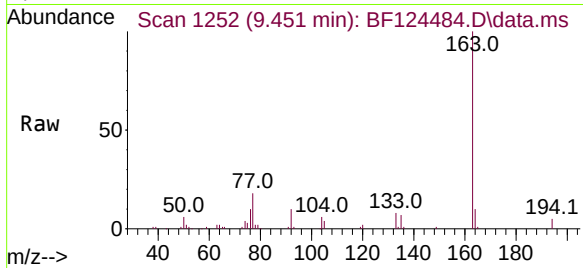




#50
Dimethylphthalate
Concen: 11.24 ng
RT: 9.451 min Scan# 1252
Delta R.T. -0.024 min
Lab File: BF124484.D
Acq: 28 Jun 2021 23:45

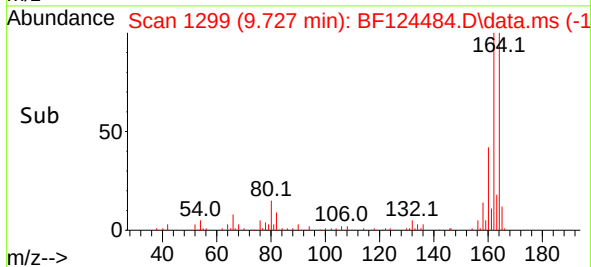
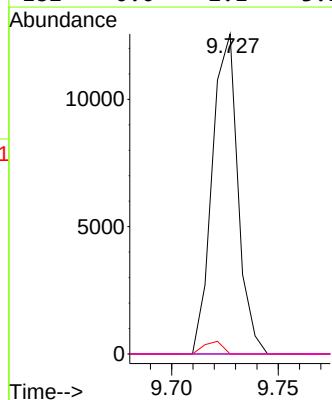
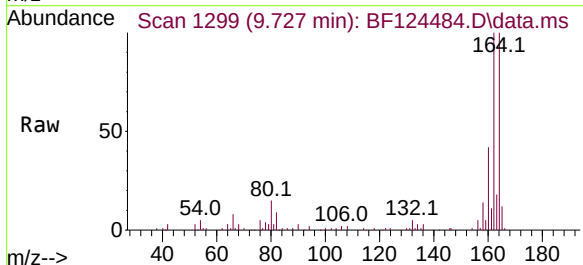
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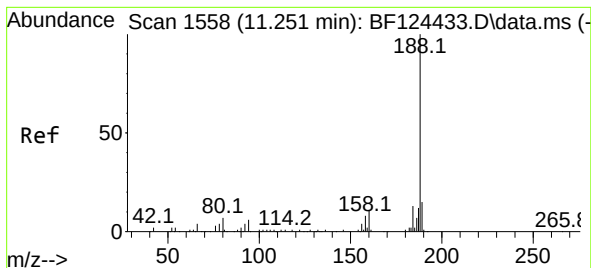
Tgt Ion:163 Resp: 75250
Ion Ratio Lower Upper
163 100
194 5.1 3.1 4.7#
164 10.0 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 5.14 ng
RT: 9.727 min Scan# 1299
Delta R.T. -0.218 min
Lab File: BF124484.D
Acq: 28 Jun 2021 23:45

Tgt Ion:165 Resp: 10537
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

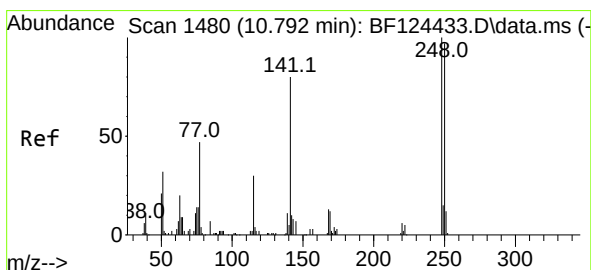
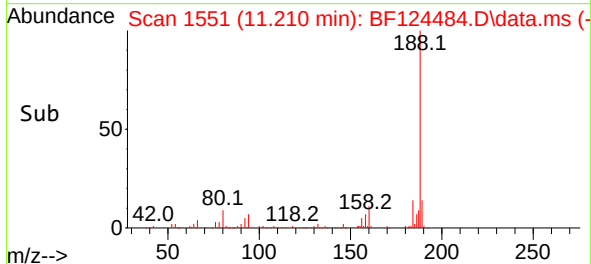
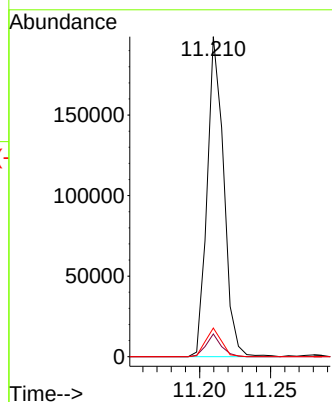
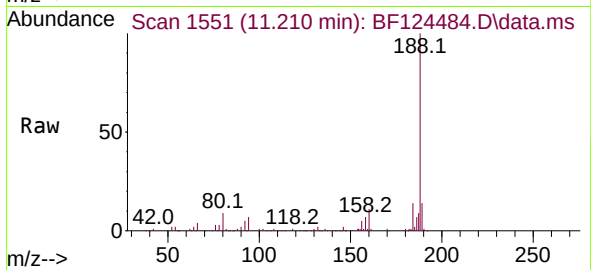




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.210 min Scan# 1551
Delta R.T. -0.018 min
Lab File: BF124484.D
Acq: 28 Jun 2021 23:45

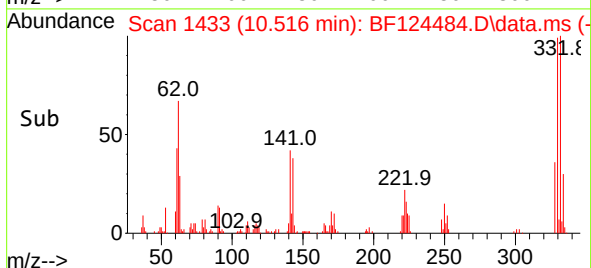
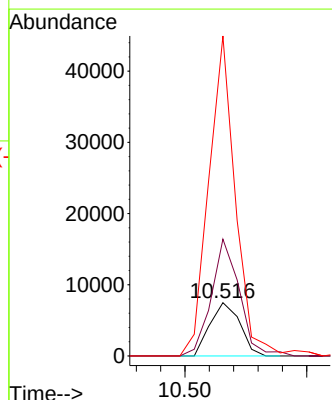
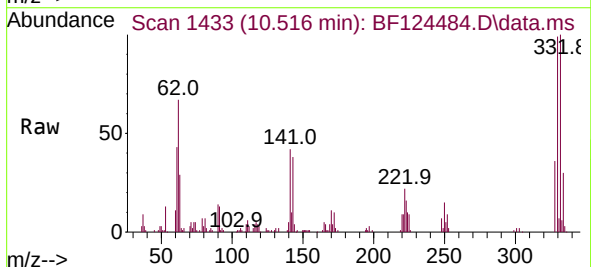
Instrument :
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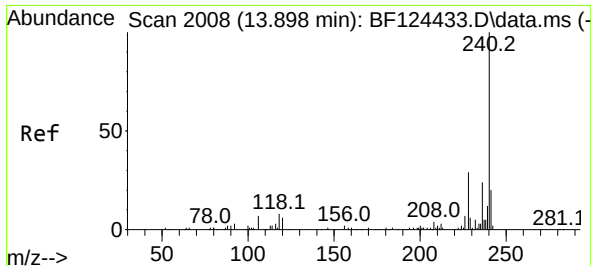
Tgt Ion:188 Resp: 161332
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 9.0 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 2.94 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.253 min
Lab File: BF124484.D
Acq: 28 Jun 2021 23:45

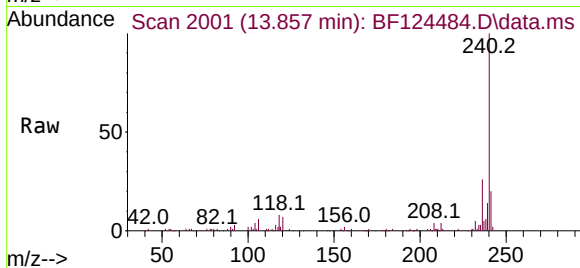
Tgt Ion:248 Resp: 6382
Ion Ratio Lower Upper
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250 219.6 77.4 116.2#
141 601.3 63.7 95.5#



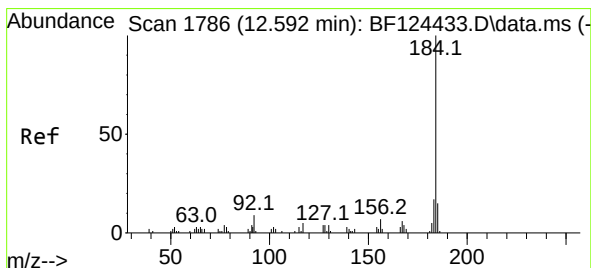
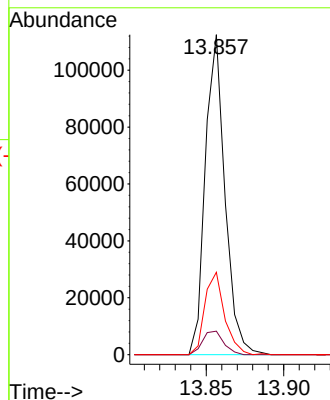
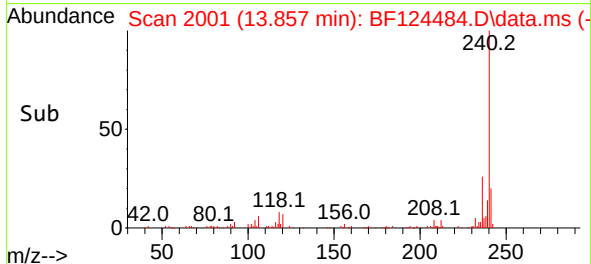


#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.857 min Scan# 2001
Delta R.T. -0.012 min
Lab File: BF124484.D
Acq: 28 Jun 2021 23:45

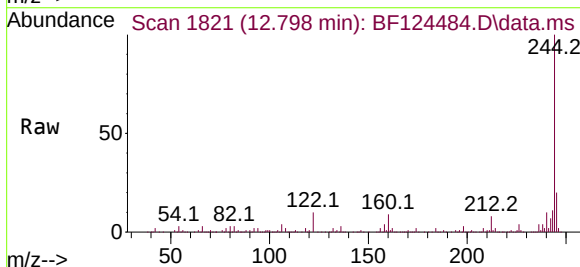
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP



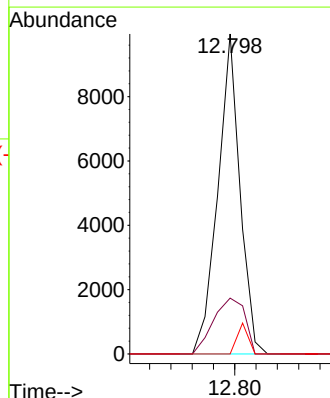
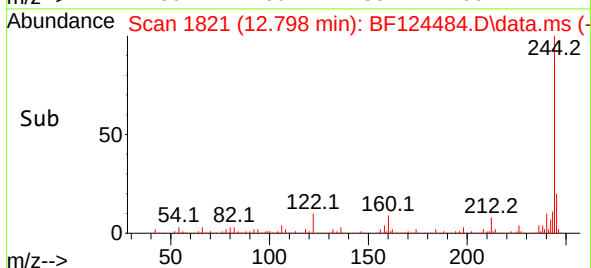
Tgt Ion:240 Resp: 99153
Ion Ratio Lower Upper
240 100
120 7.3 7.2 10.8
236 25.7 19.0 28.4

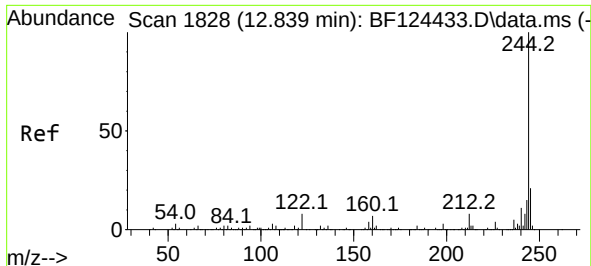


#77
Benzidine
Concen: 3.60 ng
RT: 12.798 min Scan# 1821
Delta R.T. 0.235 min
Lab File: BF124484.D
Acq: 28 Jun 2021 23:45



Tgt Ion:184 Resp: 7149
Ion Ratio Lower Upper
184 100
185 17.4 12.1 18.1
183 0.0 7.8 11.8#

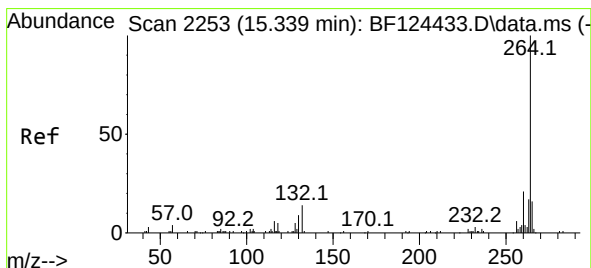
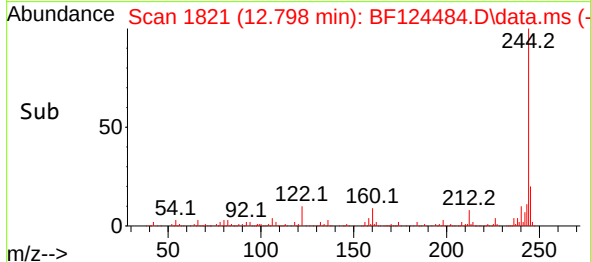
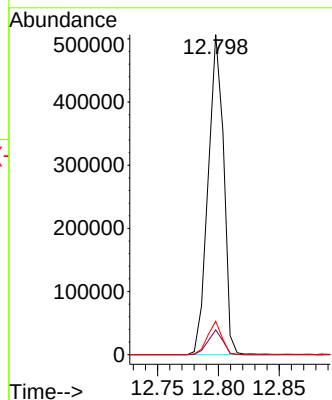
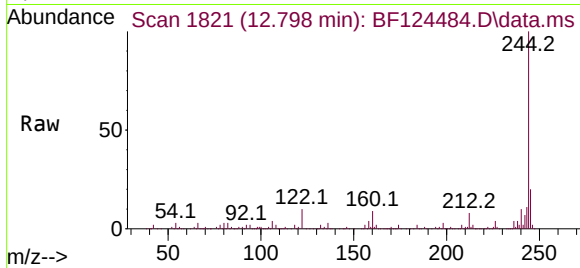




#79
 Terphenyl-d14
 Concen: 67.72 ng
 RT: 12.798 min Scan# 1821
 Delta R.T. -0.012 min
 Lab File: BF124484.D
 Acq: 28 Jun 2021 23:45

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tgt Ion:244 Resp: 448305
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 10.5 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: BF124484.D
 Acq: 28 Jun 2021 23:45

Tgt Ion:264 Resp: 78320
 Ion Ratio Lower Upper
 264 100
 260 27.2 18.7 28.1
 265 23.0 17.8 26.8

