

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051021\
 Data File : BF123894.D
 Acq On : 10 May 2021 20:33
 Operator : JU/CG
 Sample : M2295-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-A-B-C

Quant Time: May 11 03:37:17 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051021.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 10 16:46:01 2021
 Response via : Initial Calibration

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

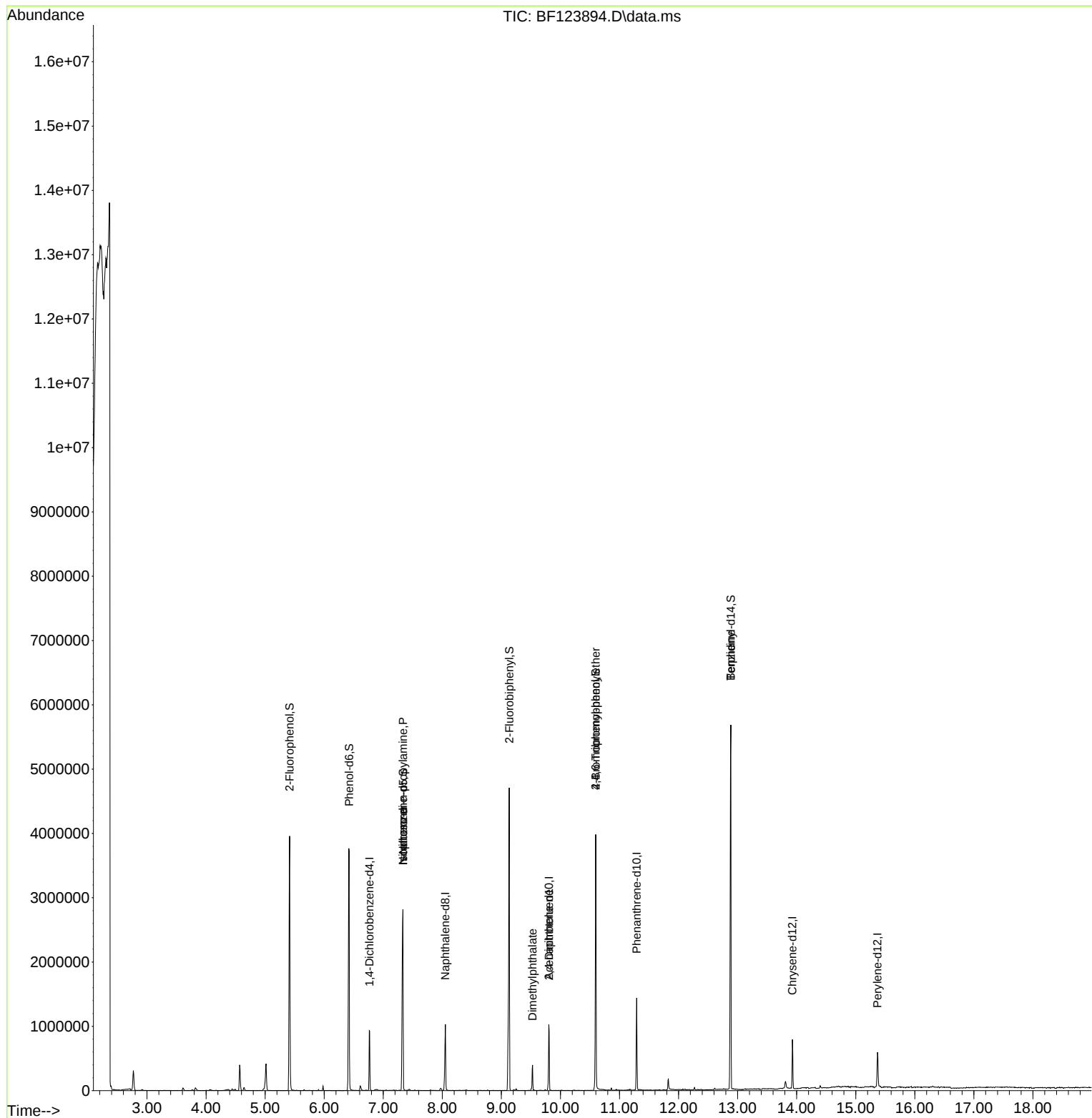
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	128623	20.00	ng	0.00
21) Naphthalene-d8	8.051	136	484690	20.00	ng	0.00
39) Acenaphthene-d10	9.804	164	212560	20.00	ng	0.00
64) Phenanthrene-d10	11.292	188	468285	20.00	ng	# 0.00
76) Chrysene-d12	13.927	240	253271	20.00	ng	0.00
86) Perylene-d12	15.368	264	245932	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	928271	105.40	ng	0.02
7) Phenol-d6	6.422	99	1183066	100.64	ng	0.00
23) Nitrobenzene-d5	7.333	82	1100236	94.22	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	472172	150.81	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	1505476	88.39	ng	0.00
79) Terphenyl-d14	12.886	244	1950446	125.85	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.304	88	1384	Below Cal	#	59
19) n-Nitroso-di-n-propyla...	7.333	70	159545	22.16	ng	# 77
25) Isophorone	7.333	82	1097877	54.64	ng	# 69
50) Dimethylphthalate	9.527	163	138594	8.59	ng	99
57) 2,4-Dinitrotoluene	9.804	165	27383	5.47	ng	# 17
67) 4-Bromophenyl-phenylether	10.598	248	24163	4.82	ng	# 1
77) Benzidine	12.886	184	29473	5.55	ng	99

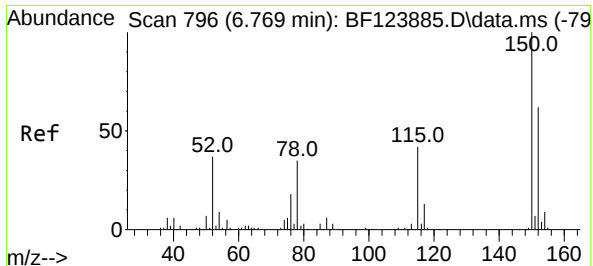
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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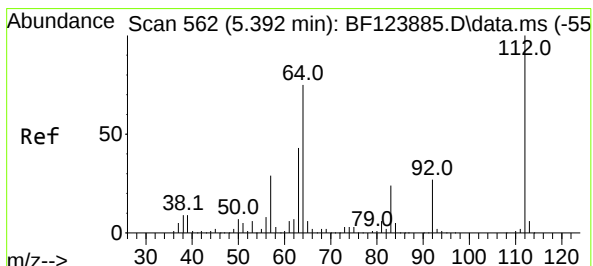
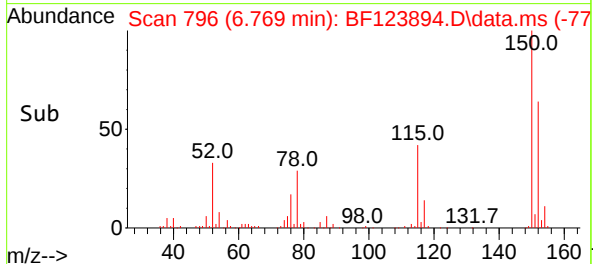
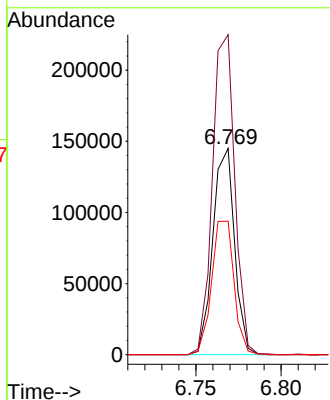
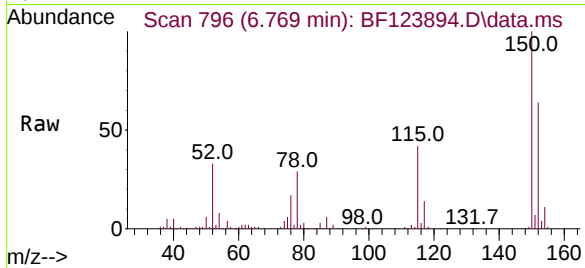




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.769 min Scan# 796
Delta R.T. -0.000 min
Lab File: BF123894.D
Acq: 10 May 2021 20:33

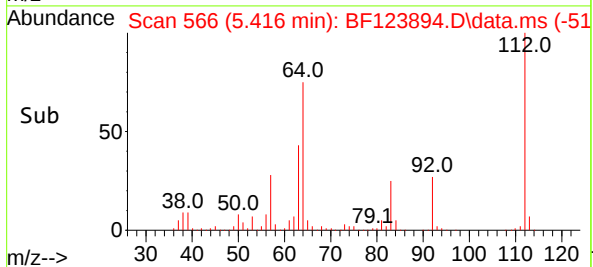
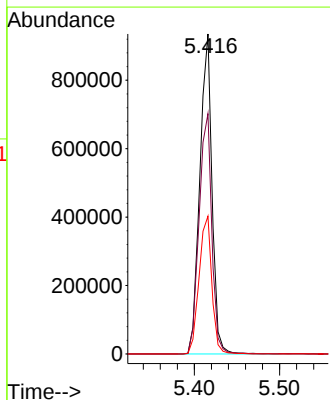
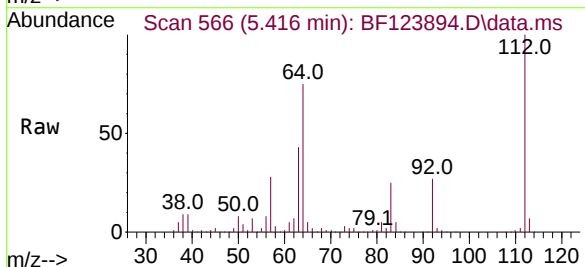
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BNA_F
ClientSampleId :
DRUM-A-B-C

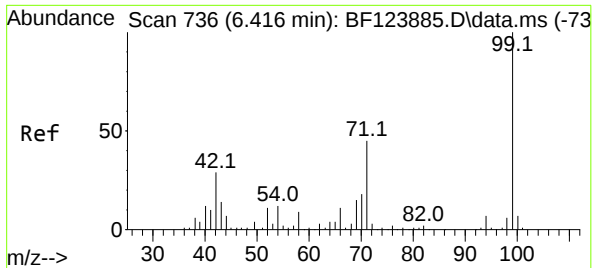
Tgt Ion:152 Resp: 128623
Ion Ratio Lower Upper
152 100
150 155.2 127.0 190.6
115 64.7 54.3 81.5



#5
2-Fluorophenol
Concen: 105.40 ng
RT: 5.416 min Scan# 566
Delta R.T. 0.024 min
Lab File: BF123894.D
Acq: 10 May 2021 20:33

Tgt Ion:112 Resp: 928271
Ion Ratio Lower Upper
112 100
64 75.1 61.4 92.0
63 43.1 33.0 49.4

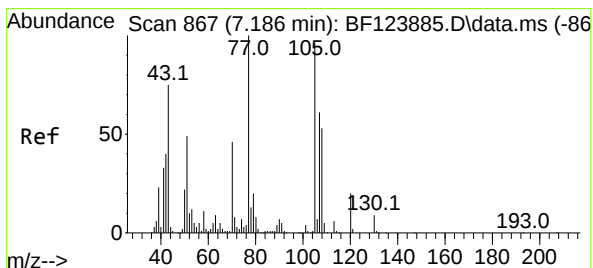
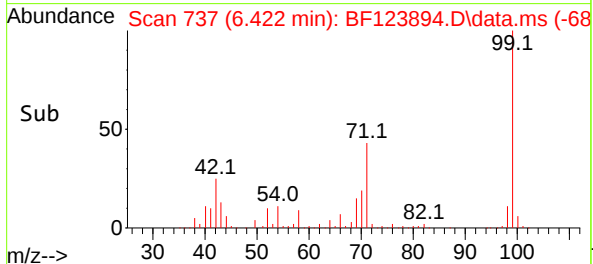
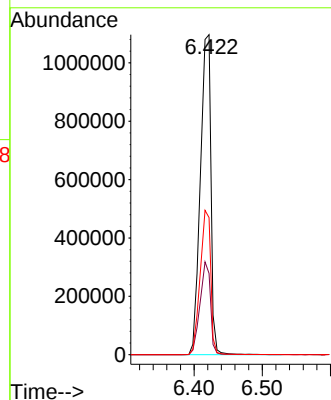
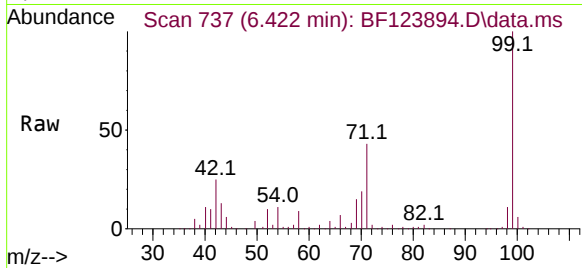




#7
Phenol-d6
Concen: 100.64 ng
RT: 6.422 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF123894.D
Acq: 10 May 2021 20:33

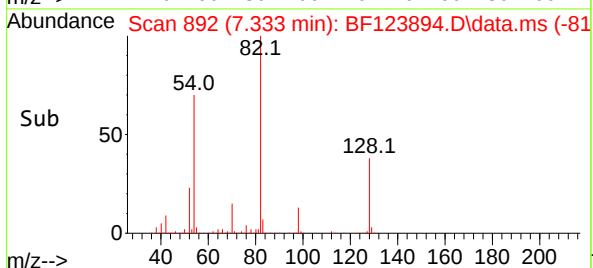
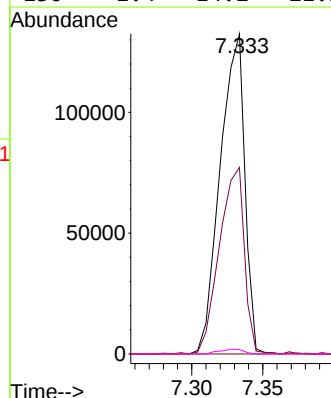
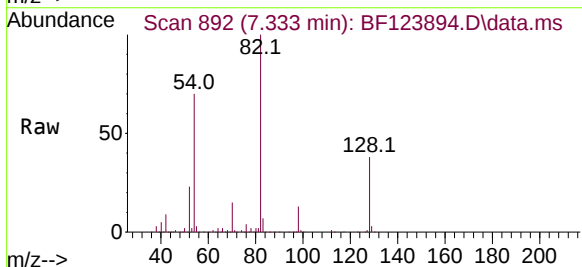
Instrument :
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ClientSampleId :
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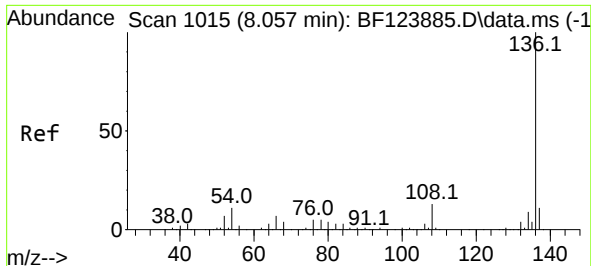
Tgt Ion: 99 Resp: 1183066
Ion Ratio Lower Upper
99 100
42 25.4 19.8 29.8
71 42.9 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 22.16 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.147 min
Lab File: BF123894.D
Acq: 10 May 2021 20:33

Tgt Ion: 70 Resp: 159545
Ion Ratio Lower Upper
70 100
42 58.3 60.1 90.1#
101 0.0 7.4 11.2#
130 1.4 14.2 21.2#



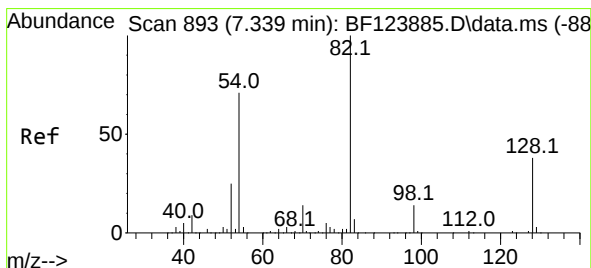
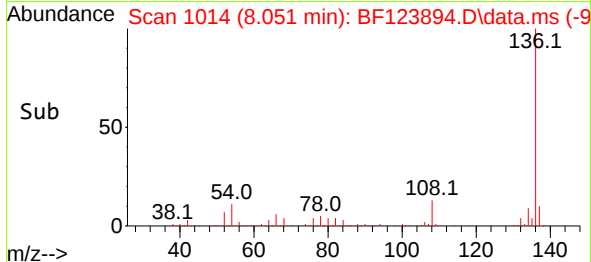
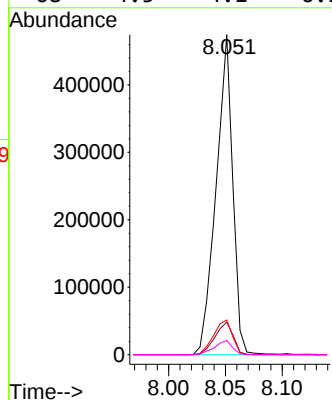
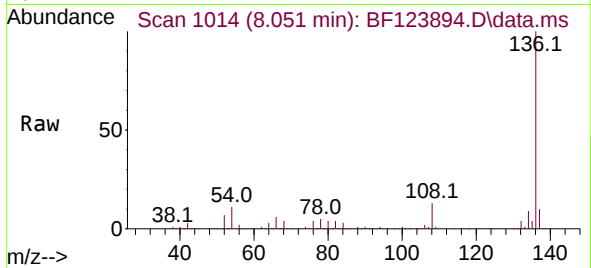


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF123894.D
Acq: 10 May 2021 20:33

Instrument :
BNA_F
ClientSampleId :
DRUM-A-B-C

Tgt Ion:136 Resp: 484690

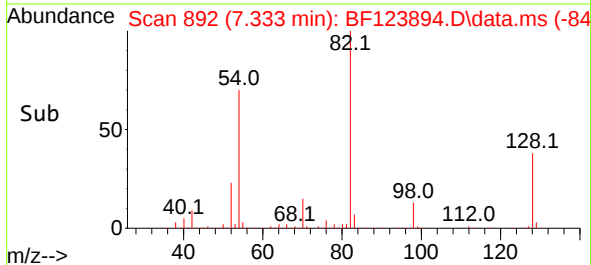
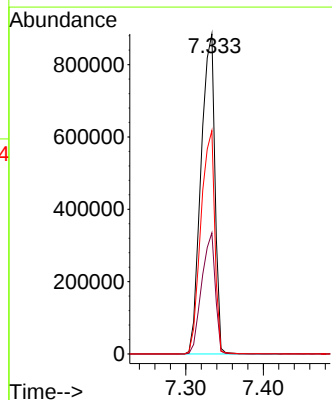
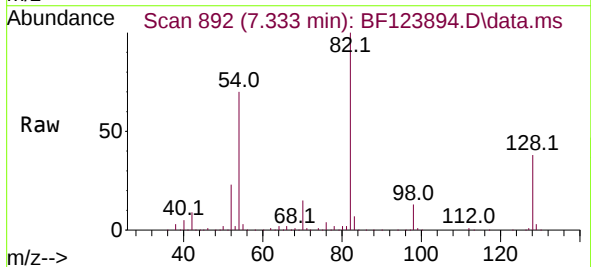
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.7	13.1
54	10.9	9.8	14.6
68	4.5	4.1	6.1

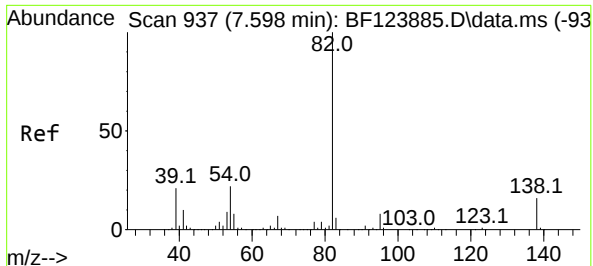


#23
Nitrobenzene-d5
Concen: 94.22 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF123894.D
Acq: 10 May 2021 20:33

Tgt Ion: 82 Resp: 1100236

Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.4	44.2
54	69.8	54.1	81.1

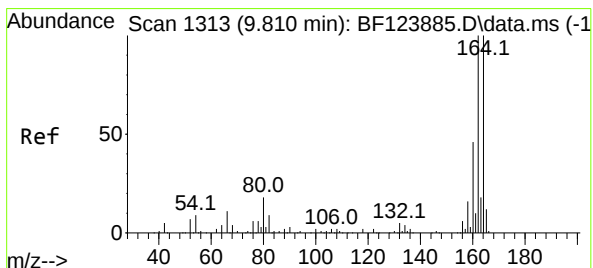
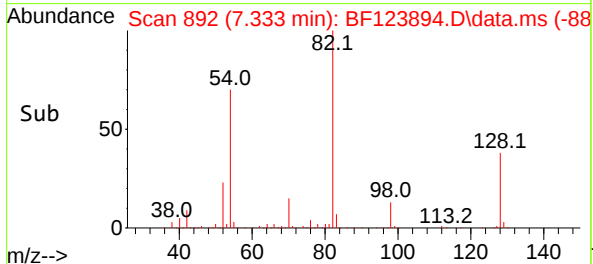
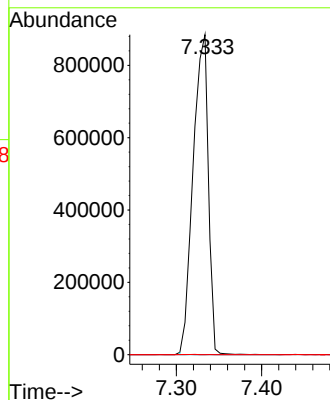
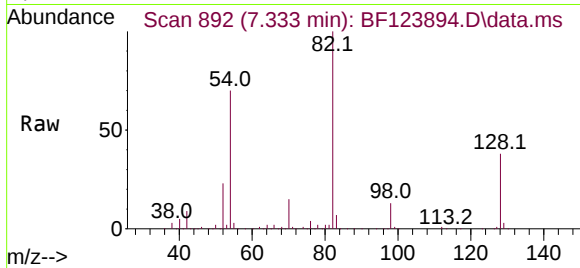




#25
Isophorone
Concen: 54.64 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF123894.D
Acq: 10 May 2021 20:33

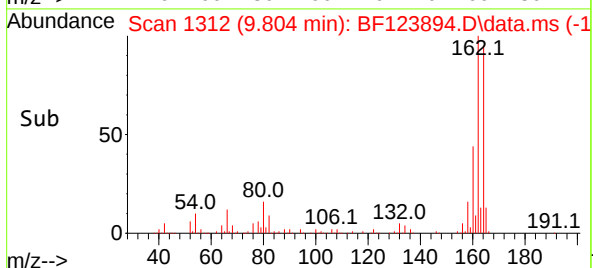
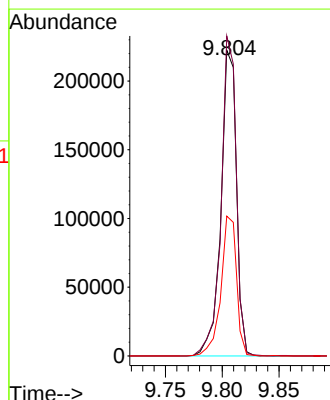
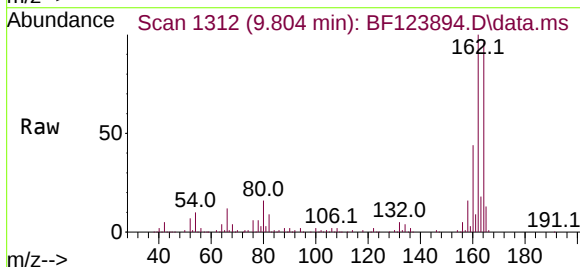
Instrument :
BNA_F
ClientSampleId :
DRUM-A-B-C

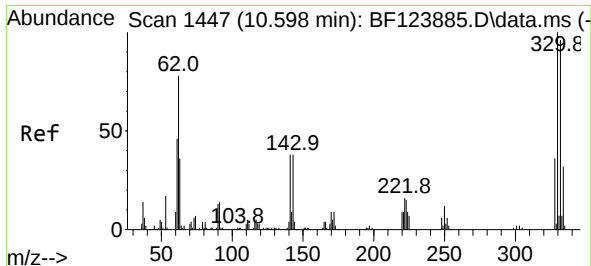
Tgt Ion: 82 Resp: 1097877
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF123894.D
Acq: 10 May 2021 20:33

Tgt Ion: 164 Resp: 212560
Ion Ratio Lower Upper
164 100
162 104.6 80.7 121.1
160 45.7 37.3 55.9

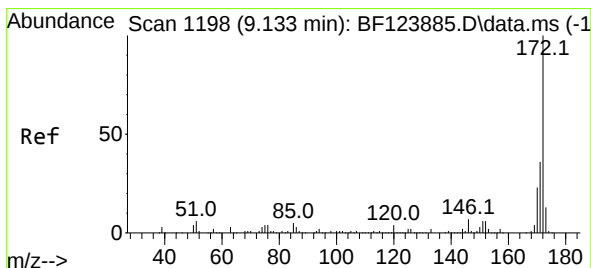
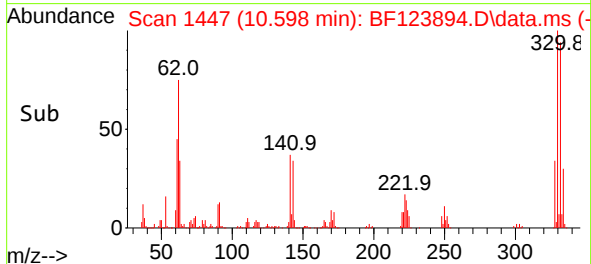
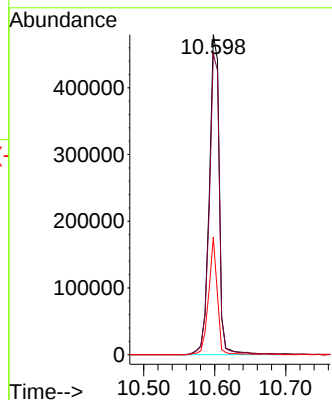
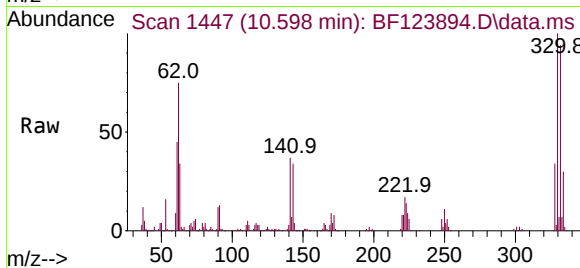




#42
2,4,6-Tribromophenol
Concen: 150.81 ng
RT: 10.598 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF123894.D
Acq: 10 May 2021 20:33

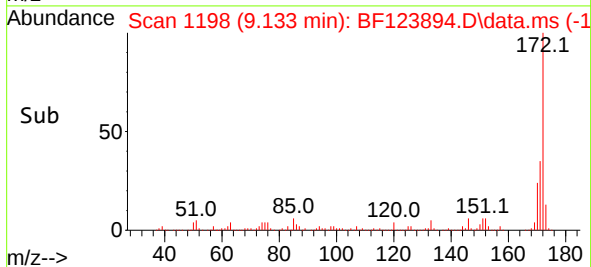
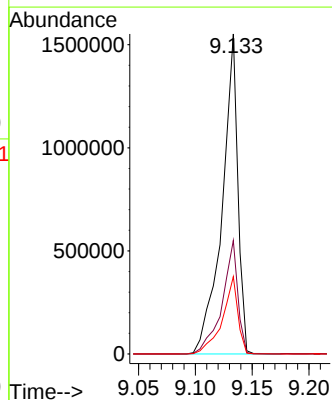
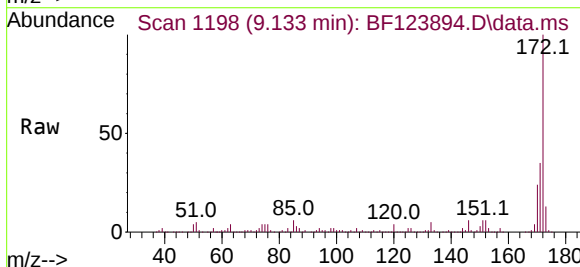
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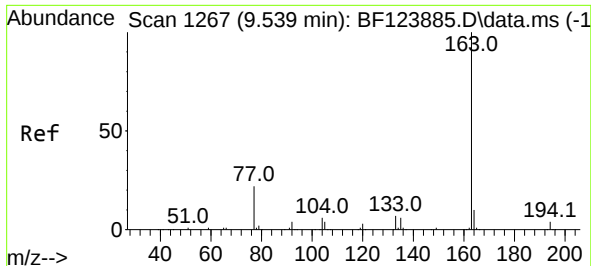
Tgt Ion: 330 Resp: 472172
Ion Ratio Lower Upper
330 100
332 94.6 77.1 115.7
141 31.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 88.39 ng
RT: 9.133 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BF123894.D
Acq: 10 May 2021 20:33

Tgt Ion: 172 Resp: 1505476
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 24.2 19.2 28.8

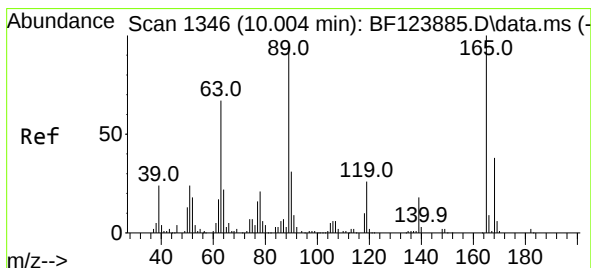
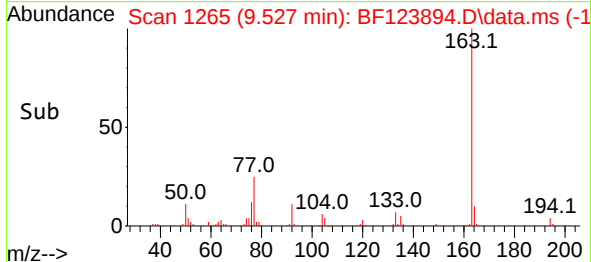
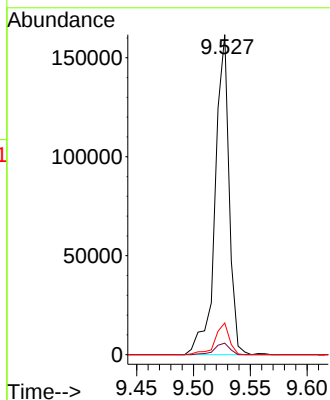
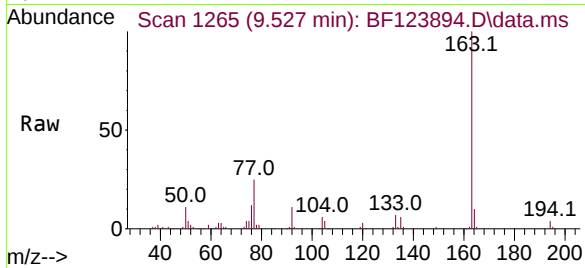




#50
Dimethylphthalate
Concen: 8.59 ng
RT: 9.527 min Scan# 1265
Delta R.T. -0.012 min
Lab File: BF123894.D
Acq: 10 May 2021 20:33

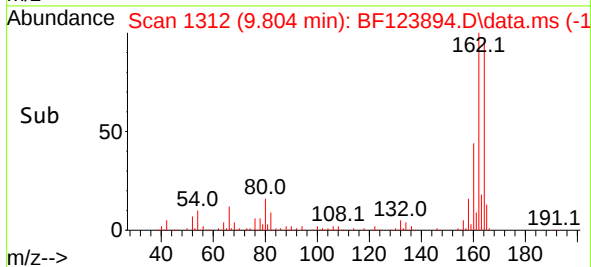
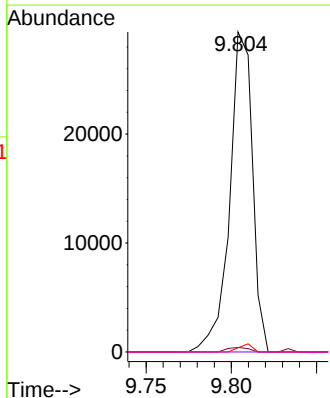
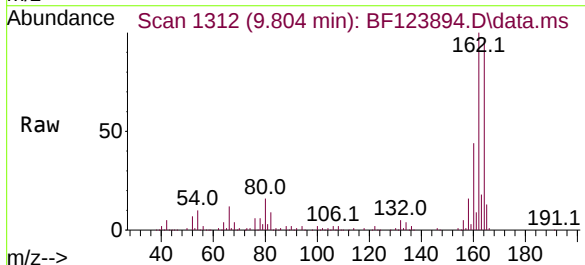
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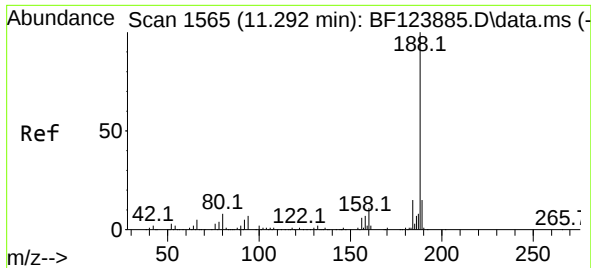
Tgt Ion:163 Resp: 138594
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 9.9 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 5.47 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.200 min
Lab File: BF123894.D
Acq: 10 May 2021 20:33

Tgt Ion:165 Resp: 27383
Ion Ratio Lower Upper
165 100
63 1.4 43.5 65.3#
89 1.3 67.7 101.5#
182 0.0 2.1 3.1#

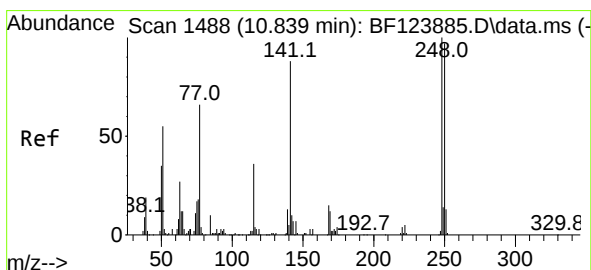
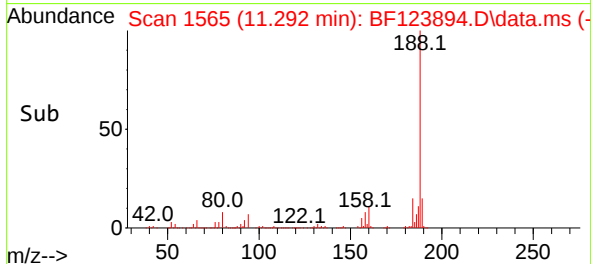
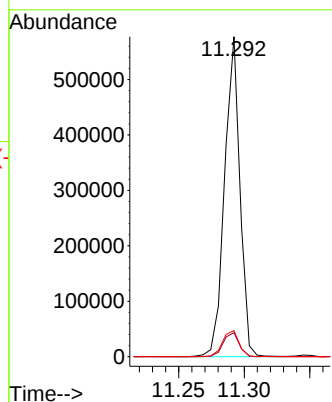
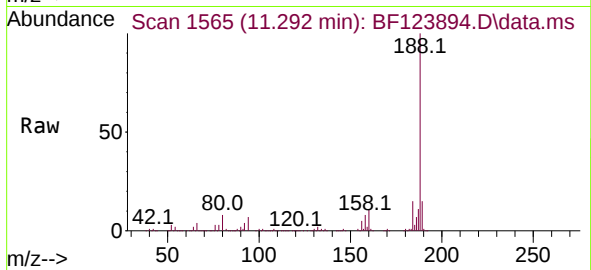




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.292 min Scan# 1565
Delta R.T. 0.000 min
Lab File: BF123894.D
Acq: 10 May 2021 20:33

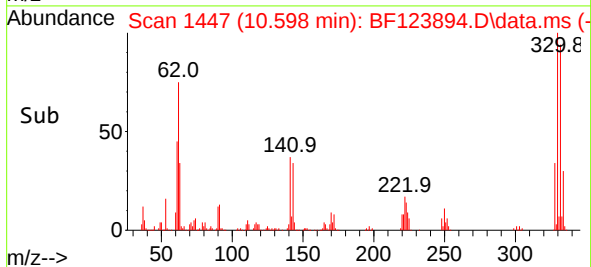
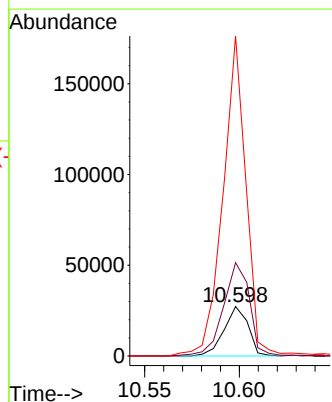
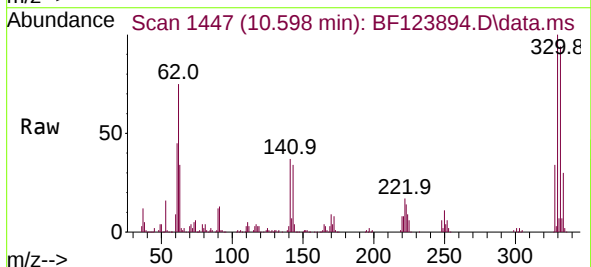
Instrument :
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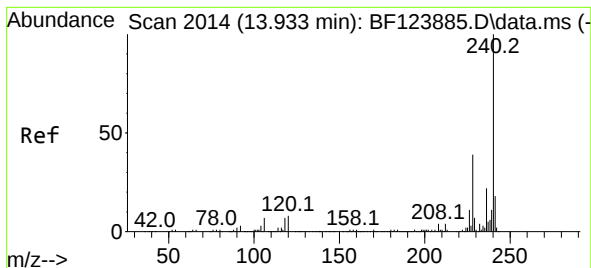
Tgt Ion:188 Resp: 468285
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 8.1 8.2 12.2#



#67
4-Bromophenyl-phenylether
Concen: 4.82 ng
RT: 10.598 min Scan# 1447
Delta R.T. -0.241 min
Lab File: BF123894.D
Acq: 10 May 2021 20:33

Tgt Ion:248 Resp: 24163
Ion Ratio Lower Upper
248 100
250 188.8 77.4 116.2#
141 647.7 63.7 95.5#

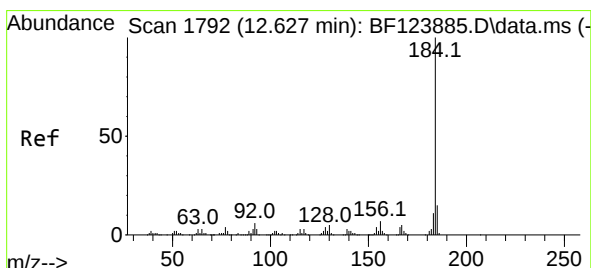
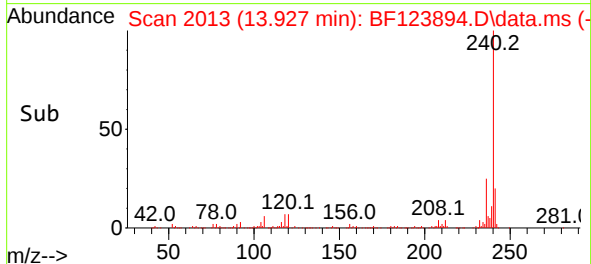
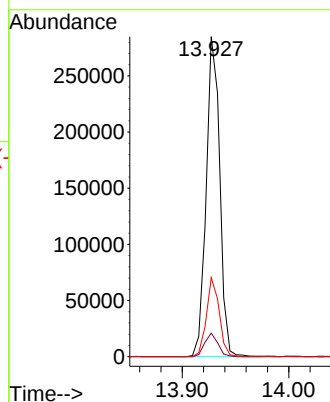
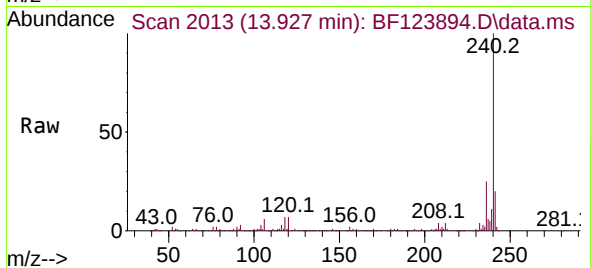




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF123894.D
Acq: 10 May 2021 20:33

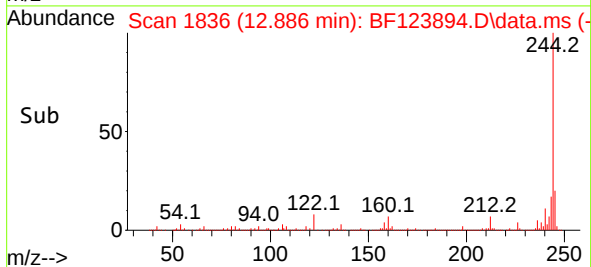
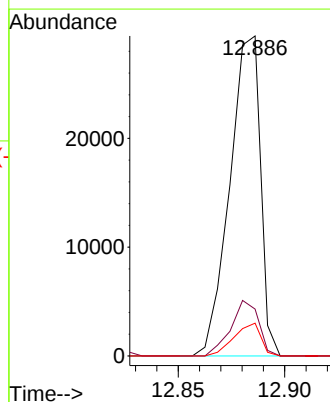
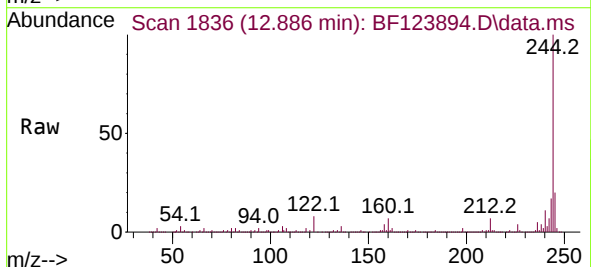
Instrument :
BNA_F
ClientSampleId :
DRUM-A-B-C

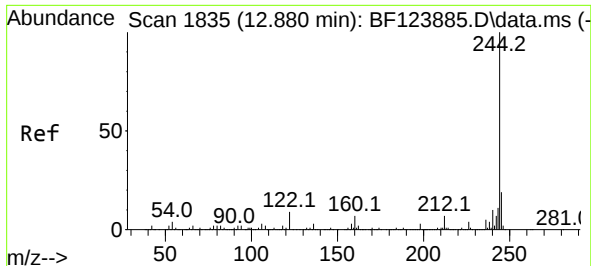
Tgt Ion:240 Resp: 253271
Ion Ratio Lower Upper
240 100
120 7.4 7.2 10.8
236 24.7 19.0 28.4



#77
Benzidine
Concen: 5.55 ng
RT: 12.886 min Scan# 1836
Delta R.T. 0.259 min
Lab File: BF123894.D
Acq: 10 May 2021 20:33

Tgt Ion:184 Resp: 29473
Ion Ratio Lower Upper
184 100
185 14.7 12.1 18.1
183 10.3 7.8 11.8

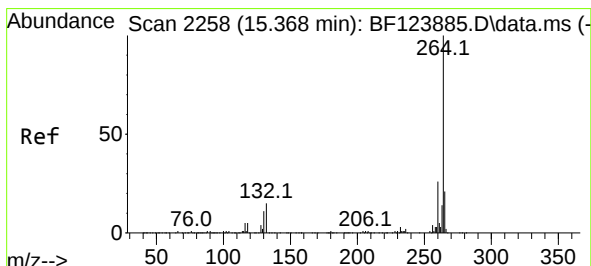
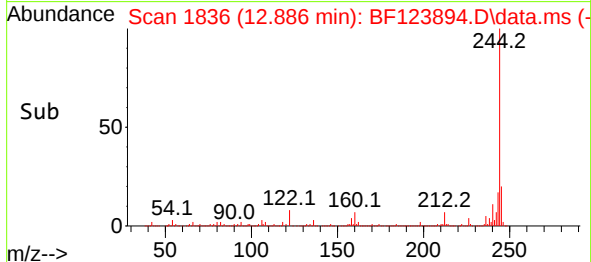
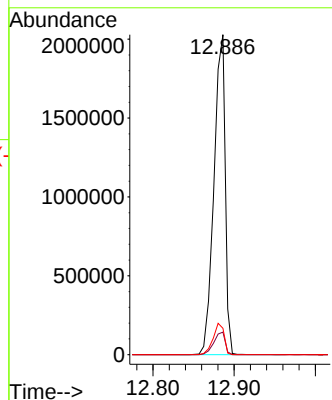
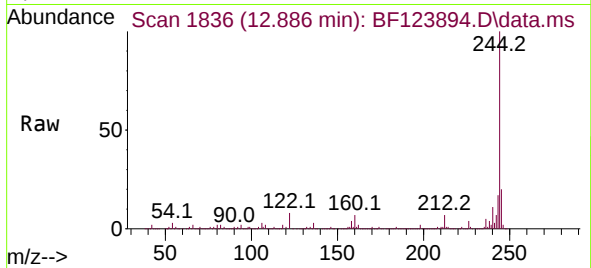




#79
 Terphenyl-d14
 Concen: 125.85 ng
 RT: 12.886 min Scan# 1836
 Delta R.T. 0.006 min
 Lab File: BF123894.D
 Acq: 10 May 2021 20:33

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-A-B-C

Tgt Ion:244 Resp: 1950446
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 8.3 9.7 14.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.368 min Scan# 2258
 Delta R.T. 0.000 min
 Lab File: BF123894.D
 Acq: 10 May 2021 20:33

Tgt Ion:264 Resp: 245932
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.7 28.1
 265 23.1 17.8 26.8

