

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052721\
 Data File : BF124096.D
 Acq On : 27 May 2021 17:14
 Operator : JU/CG
 Sample : M2538-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-03-022-ABCD

Quant Time: May 27 18:14:52 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 27 13:12:25 2021
 Response via : Initial Calibration

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

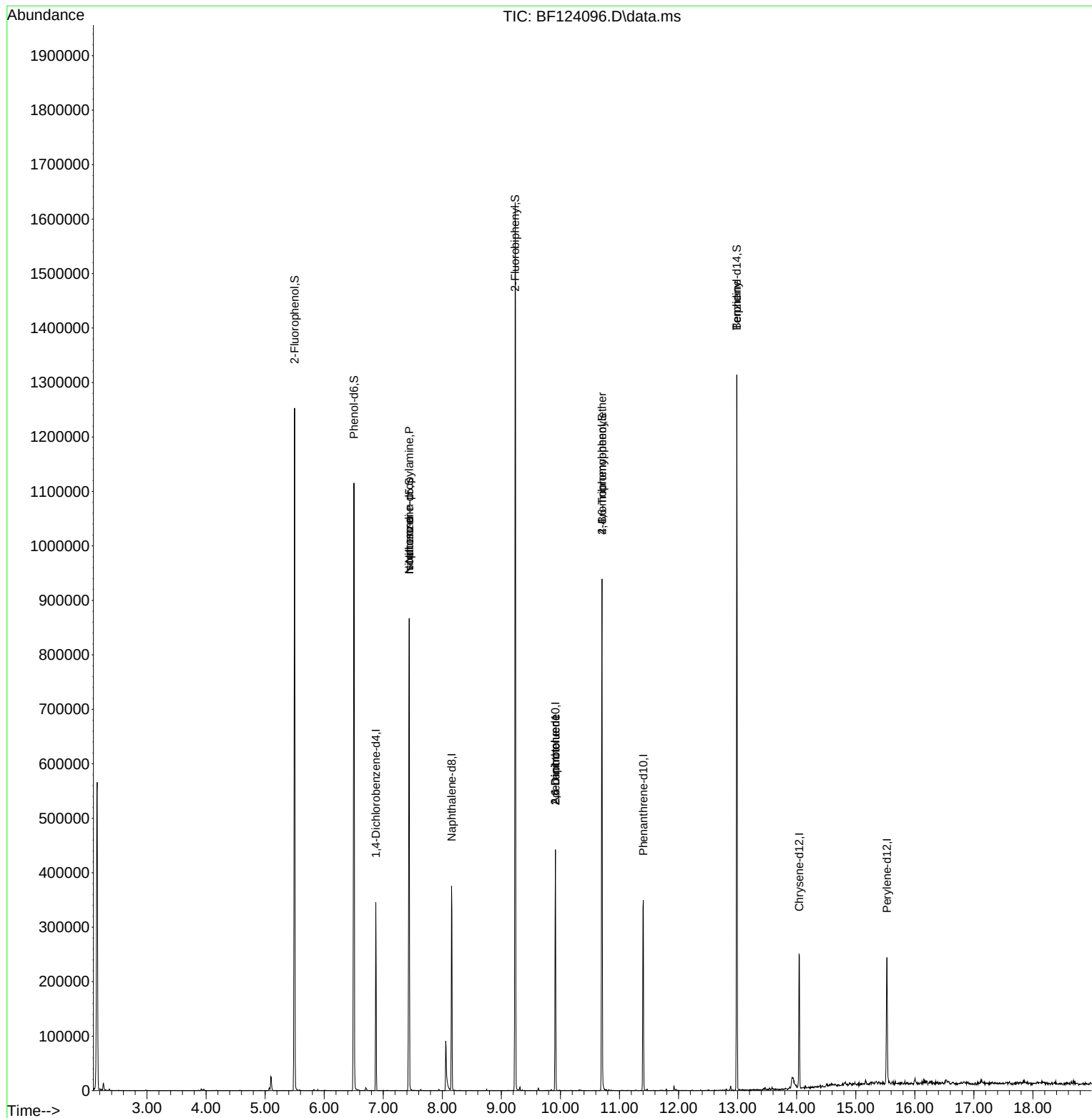
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	38178	20.00	ng	0.00
21) Naphthalene-d8	8.157	136	145722	20.00	ng	# 0.00
39) Acenaphthene-d10	9.916	164	78291	20.00	ng	0.00
64) Phenanthrene-d10	11.404	188	128338	20.00	ng	0.00
76) Chrysene-d12	14.045	240	85034	20.00	ng	0.00
86) Perylene-d12	15.527	264	95238	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	257049	94.53	ng	0.00
7) Phenol-d6	6.504	99	328414	93.10	ng	0.00
23) Nitrobenzene-d5	7.439	82	252946	74.79	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	99868	106.20	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	451664	70.99	ng	0.00
79) Terphenyl-d14	12.986	244	358067	63.78	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	36669	15.38	ng	# 72
25) Isophorone	7.439	82	252942	38.88	ng	# 69
51) 2,6-Dinitrotoluene	9.916	165	10079	7.97	ng	# 10
57) 2,4-Dinitrotoluene	9.916	165	10079	6.50	ng	# 15
67) 4-Bromophenyl-phenylether	10.704	248	6342	3.76	ng	# 1
77) Benzidine	12.986	184	6985	3.40	ng	# 89

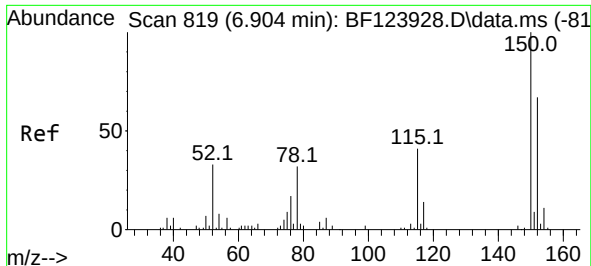
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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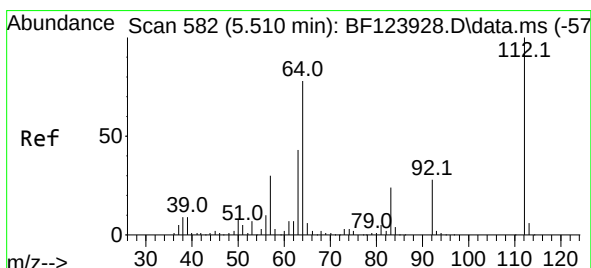
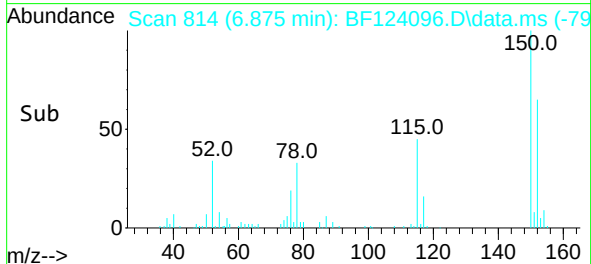
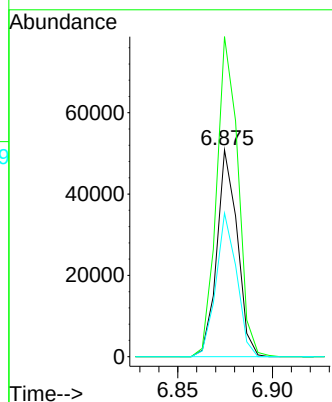
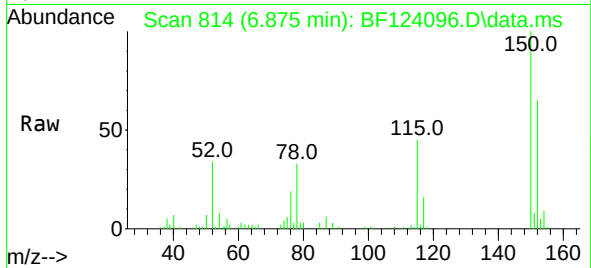




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF124096.D
Acq: 27 May 2021 17:14

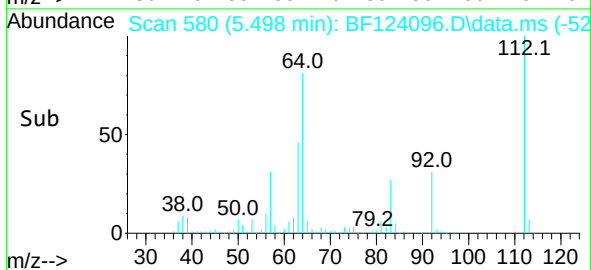
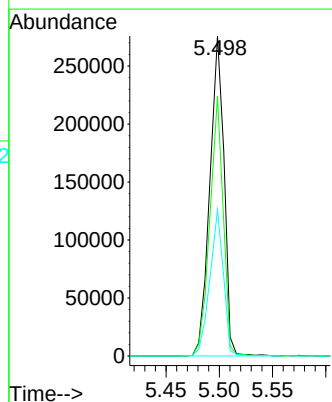
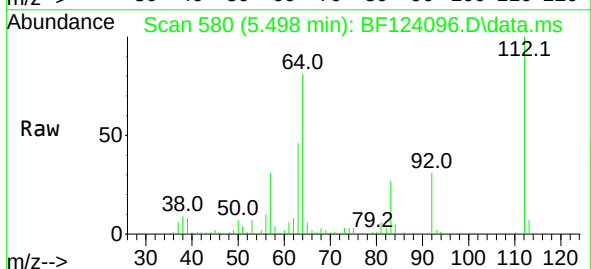
Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-022-ABCD

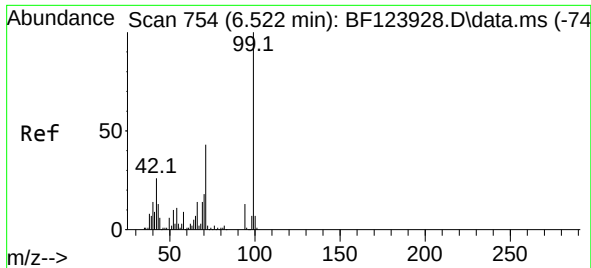
Tgt Ion:152 Resp: 38178
Ion Ratio Lower Upper
152 100
150 154.8 127.0 190.6
115 69.4 54.3 81.5



#5
2-Fluorophenol
Concen: 94.53 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF124096.D
Acq: 27 May 2021 17:14

Tgt Ion:112 Resp: 257049
Ion Ratio Lower Upper
112 100
64 81.2 61.4 92.0
63 45.6 33.0 49.4

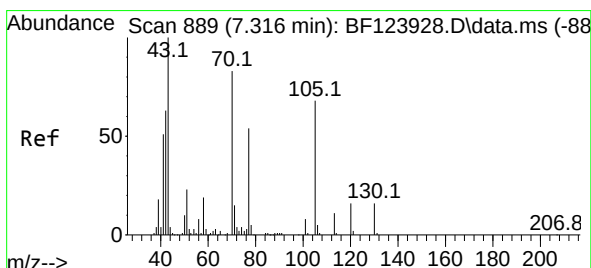
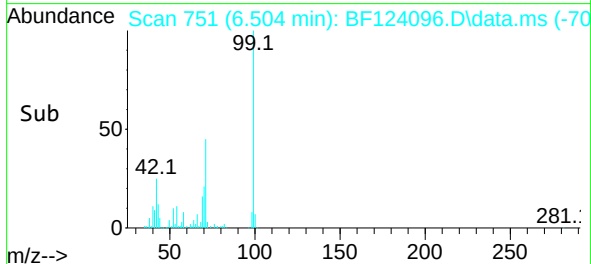
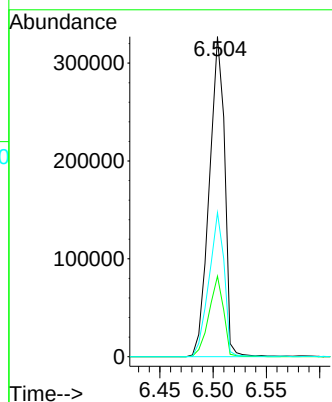
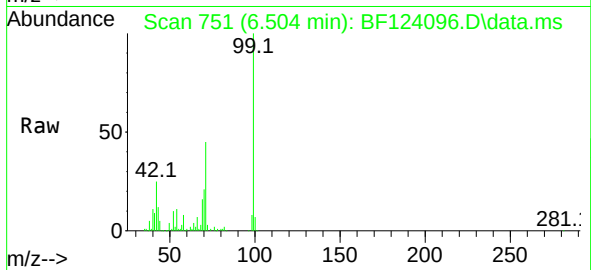




#7
Phenol-d6
Concen: 93.10 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF124096.D
Acq: 27 May 2021 17:14

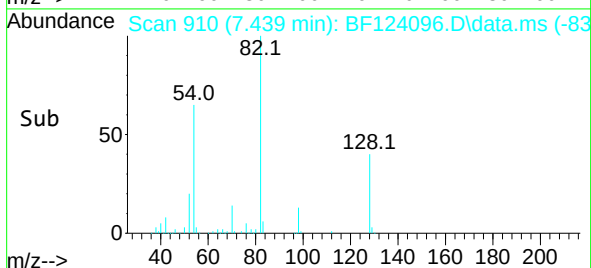
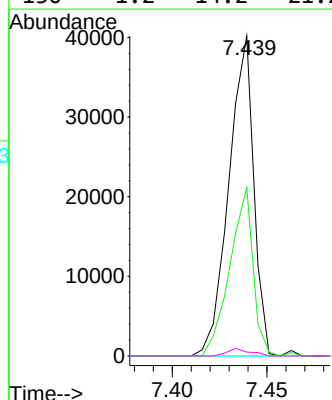
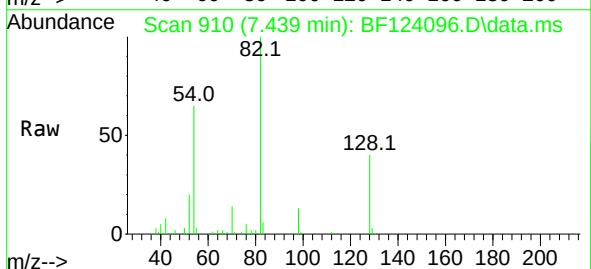
Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-022-ABCD

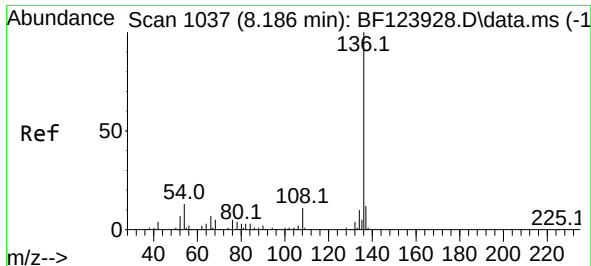
Tgt Ion: 99 Resp: 328414
Ion Ratio Lower Upper
99 100
42 25.1 19.8 29.8
71 45.0 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 15.38 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.147 min
Lab File: BF124096.D
Acq: 27 May 2021 17:14

Tgt Ion: 70 Resp: 36669
Ion Ratio Lower Upper
70 100
42 52.6 60.1 90.1#
101 0.0 7.4 11.2#
130 1.2 14.2 21.2#

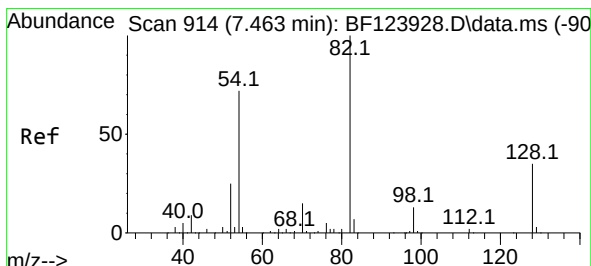
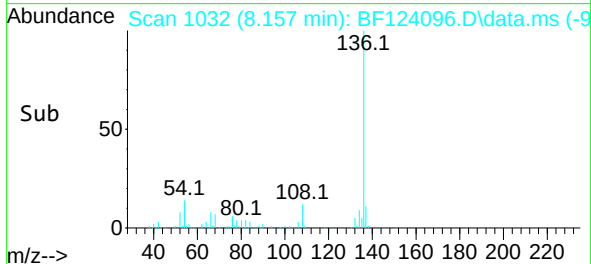
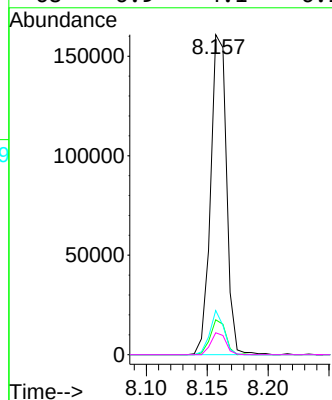
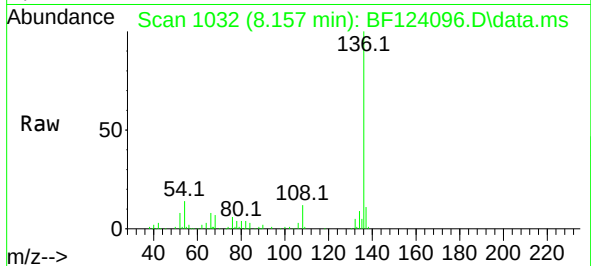




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF124096.D
Acq: 27 May 2021 17:14

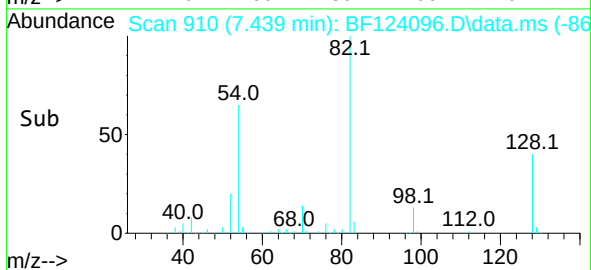
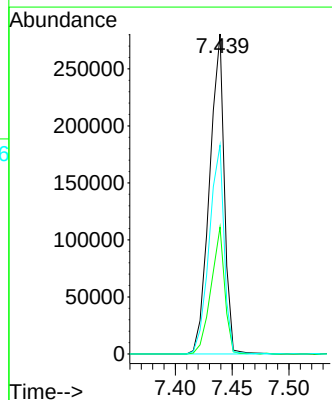
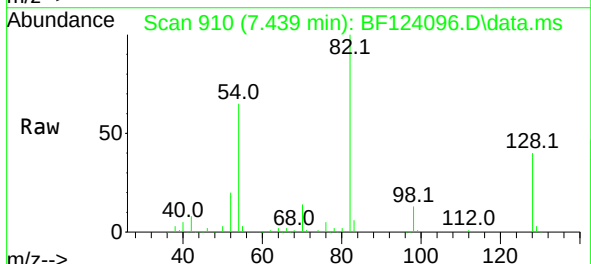
Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-022-ABCD

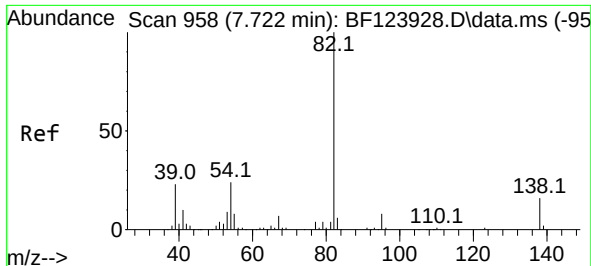
Tgt Ion:136 Resp: 145722
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 13.8 9.8 14.6
68 6.9 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 74.79 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF124096.D
Acq: 27 May 2021 17:14

Tgt Ion: 82 Resp: 252946
Ion Ratio Lower Upper
82 100
128 39.7 29.4 44.2
54 65.2 54.1 81.1

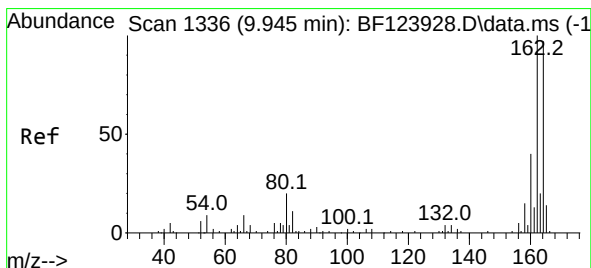
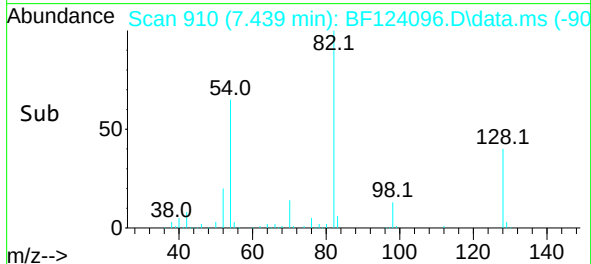
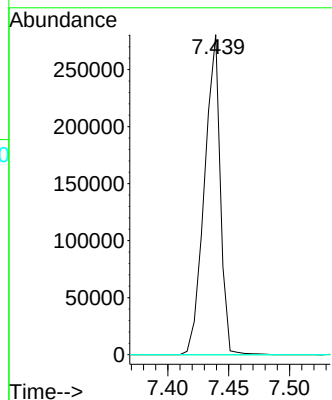
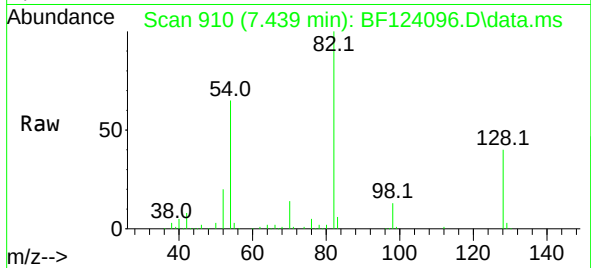




#25
Isophorone
Concen: 38.88 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.259 min
Lab File: BF124096.D
Acq: 27 May 2021 17:14

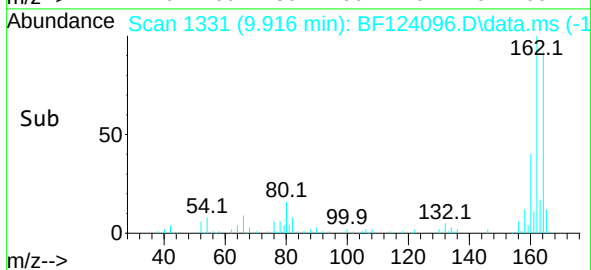
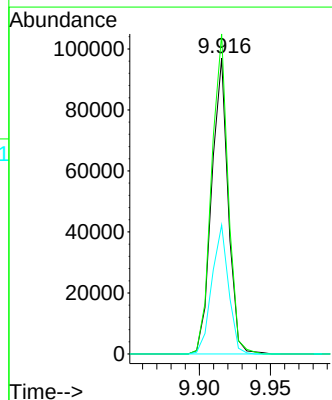
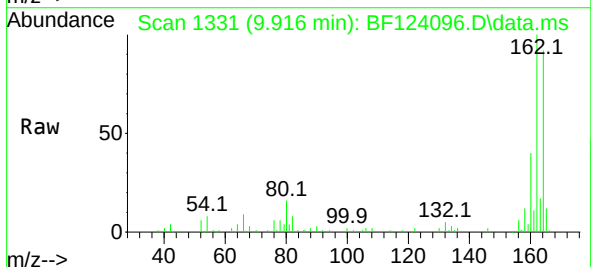
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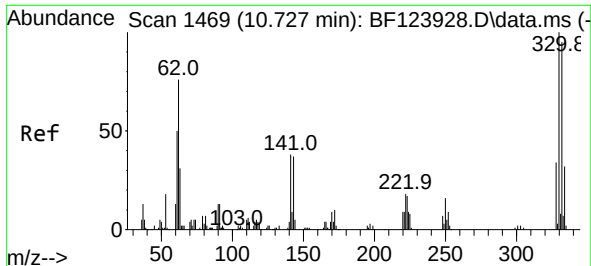
Tgt Ion: 82 Resp: 252942
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BF124096.D
Acq: 27 May 2021 17:14

Tgt Ion: 164 Resp: 78291
Ion Ratio Lower Upper
164 100
162 108.2 80.7 121.1
160 43.6 37.3 55.9

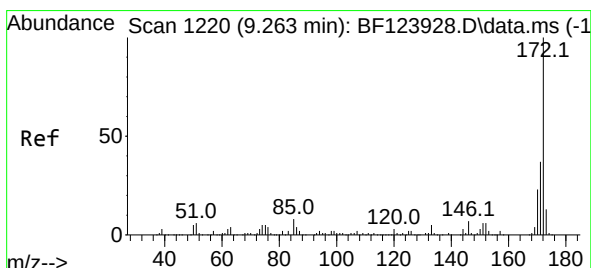
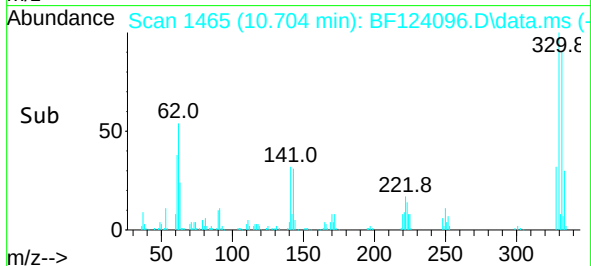
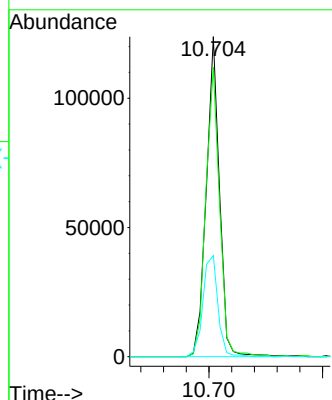
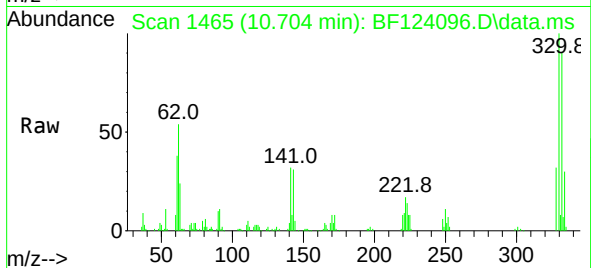




#42
2,4,6-Tribromophenol
Concen: 106.20 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF124096.D
Acq: 27 May 2021 17:14

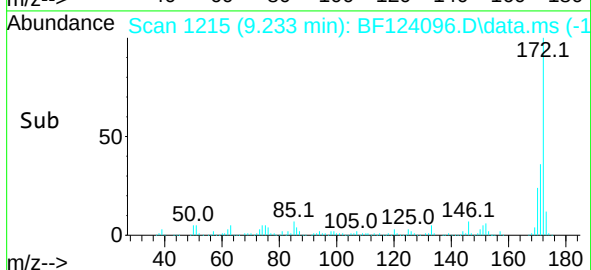
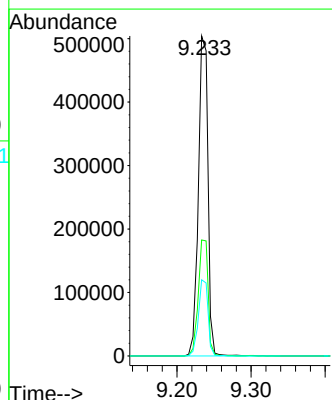
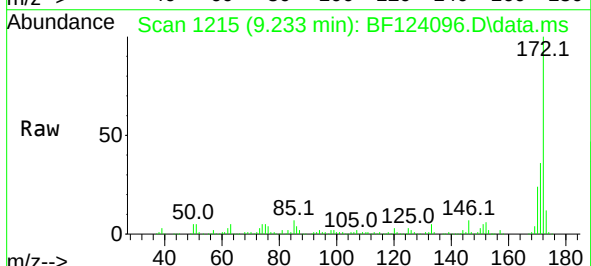
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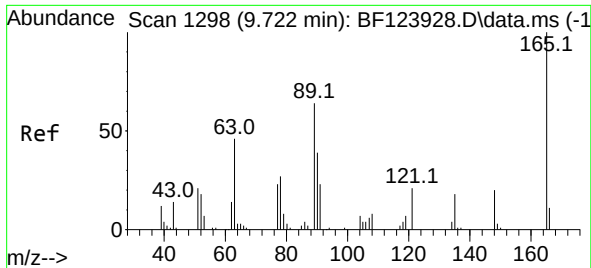
Tgt Ion: 330 Resp: 99868
Ion Ratio Lower Upper
330 100
332 94.5 77.1 115.7
141 36.0 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 70.99 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF124096.D
Acq: 27 May 2021 17:14

Tgt Ion: 172 Resp: 451664
Ion Ratio Lower Upper
172 100
171 36.2 28.1 42.1
170 23.8 19.2 28.8

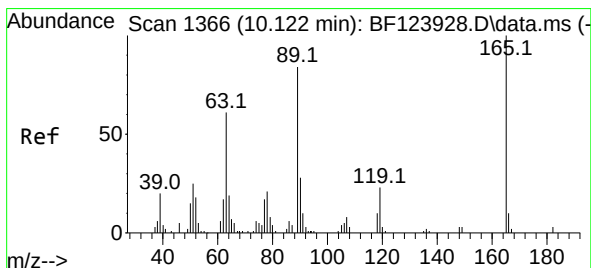
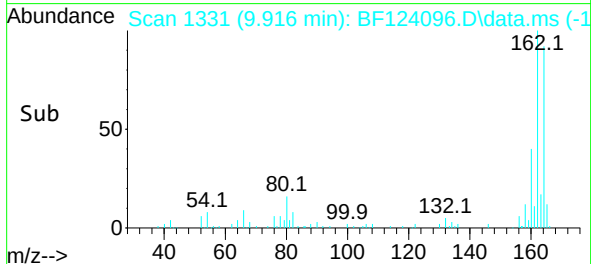
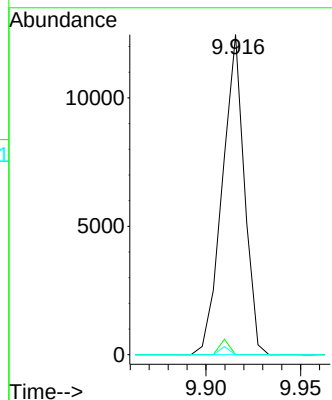
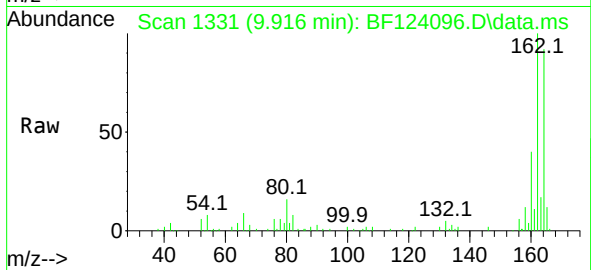




#51
2,6-Dinitrotoluene
Concen: 7.97 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.218 min
Lab File: BF124096.D
Acq: 27 May 2021 17:14

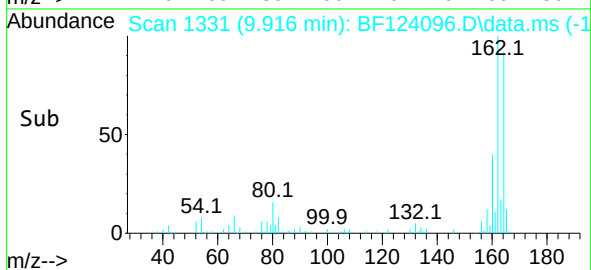
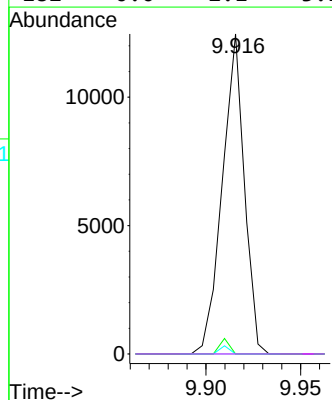
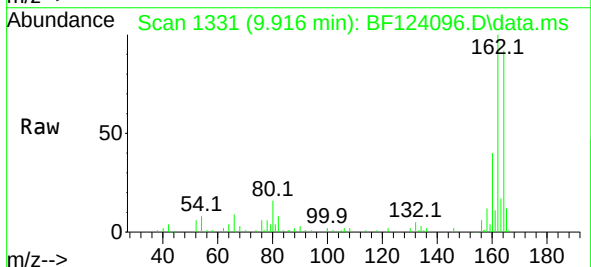
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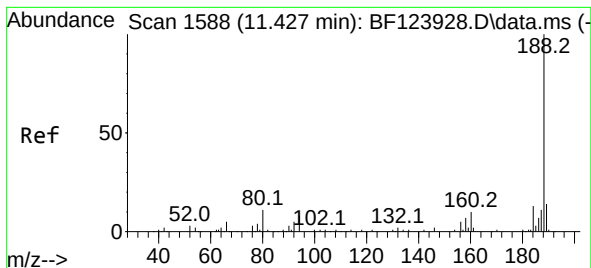
Tgt Ion:165 Resp: 10079
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 0.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.50 ng
RT: 9.916 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF124096.D
Acq: 27 May 2021 17:14

Tgt Ion:165 Resp: 10079
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#

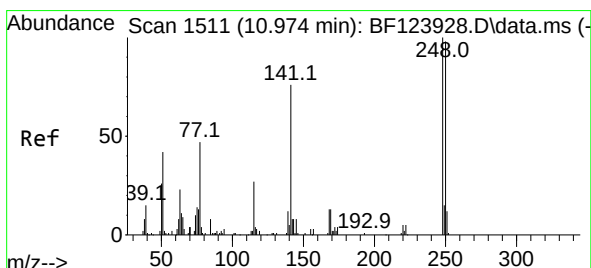
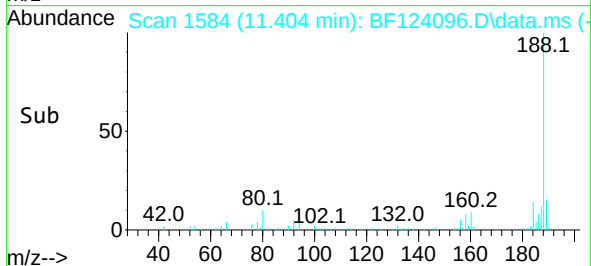
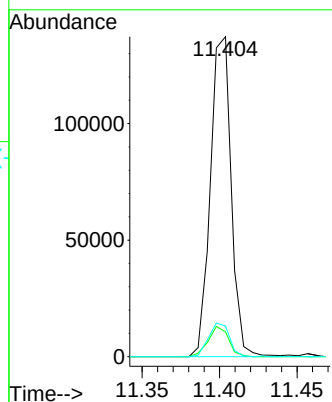
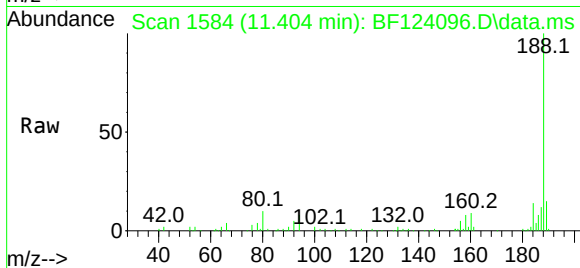




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.000 min
Lab File: BF124096.D
Acq: 27 May 2021 17:14

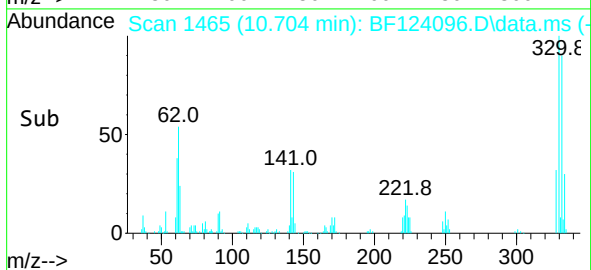
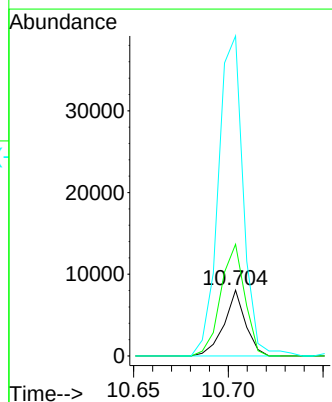
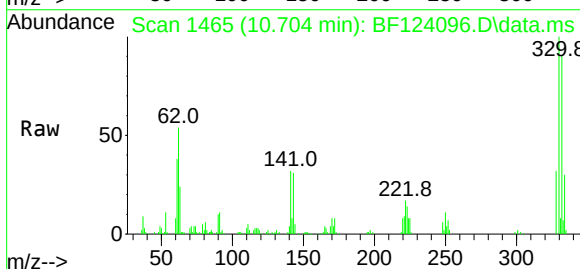
Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-022-ABCD

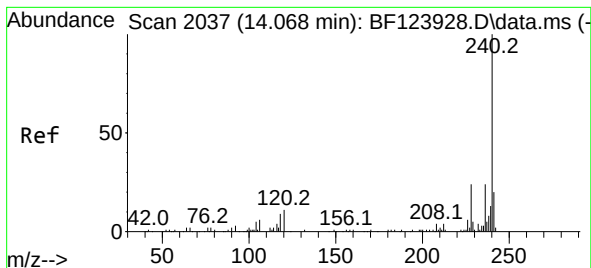
Tgt Ion:188 Resp: 128338
Ion Ratio Lower Upper
188 100
94 7.8 6.9 10.3
80 9.6 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.76 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.241 min
Lab File: BF124096.D
Acq: 27 May 2021 17:14

Tgt Ion:248 Resp: 6342
Ion Ratio Lower Upper
248 100
250 169.8 77.4 116.2#
141 486.8 63.7 95.5#

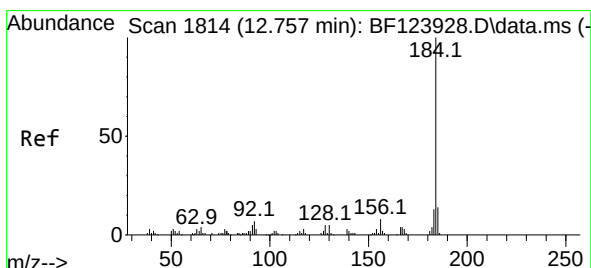
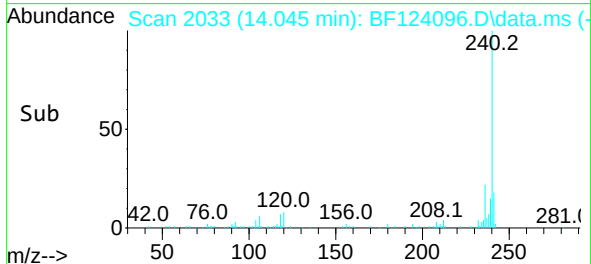
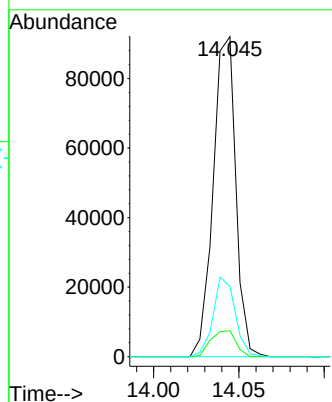
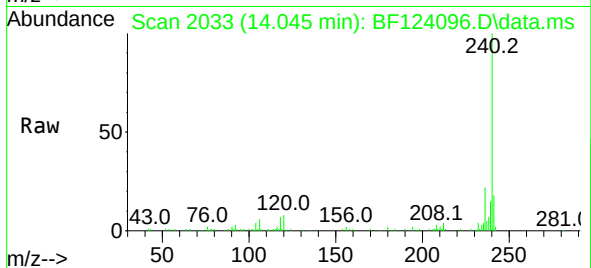




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF124096.D
Acq: 27 May 2021 17:14

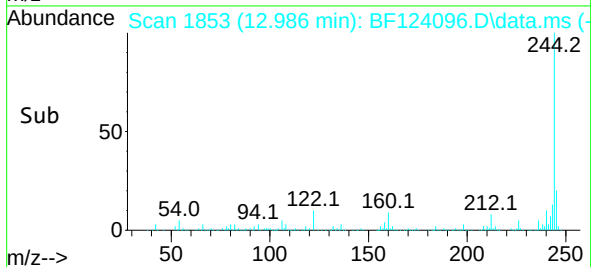
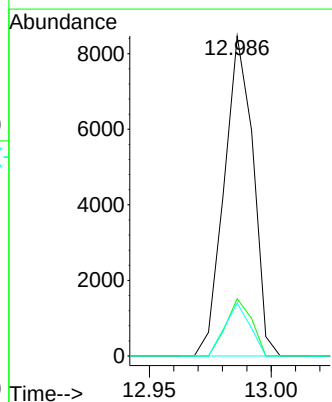
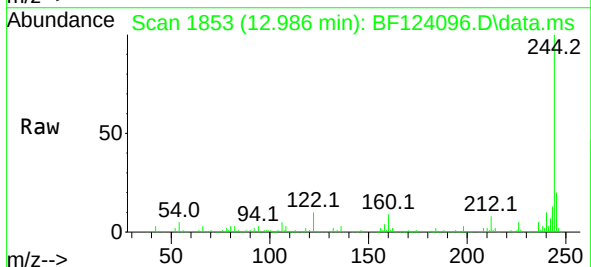
Instrument :
BNA_F
ClientSampleId :
FK-BPM-03-022-ABCD

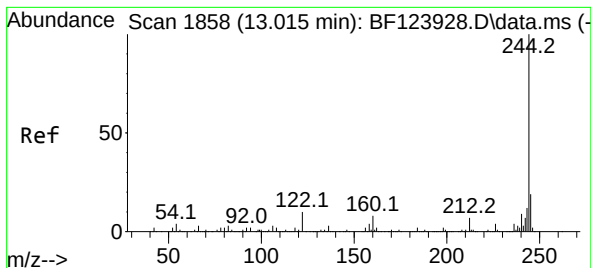
Tgt Ion:240 Resp: 85034
Ion Ratio Lower Upper
240 100
120 8.1 7.2 10.8
236 22.0 19.0 28.4



#77
Benzidine
Concen: 3.40 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.253 min
Lab File: BF124096.D
Acq: 27 May 2021 17:14

Tgt Ion:184 Resp: 6985
Ion Ratio Lower Upper
184 100
185 17.9 12.1 18.1
183 16.6 7.8 11.8#





#79

Terphenyl-d14

Concen: 63.78 ng

RT: 12.986 min Scan# 1853

Delta R.T. -0.000 min

Lab File: BF124096.D

Acq: 27 May 2021 17:14

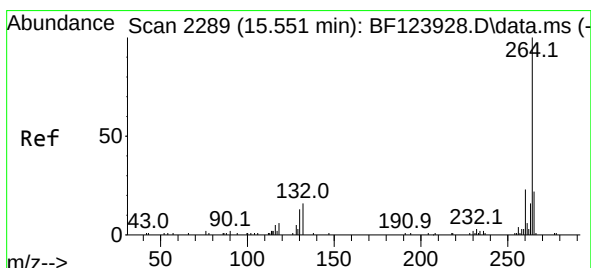
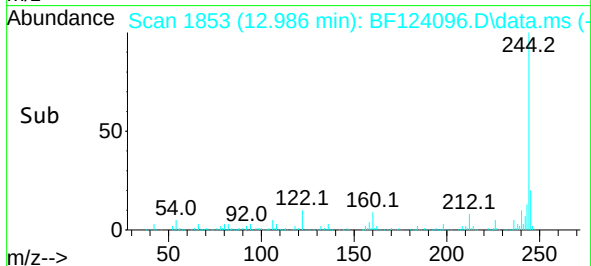
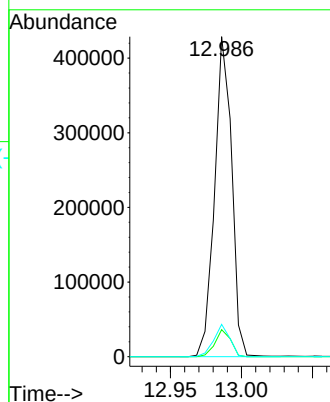
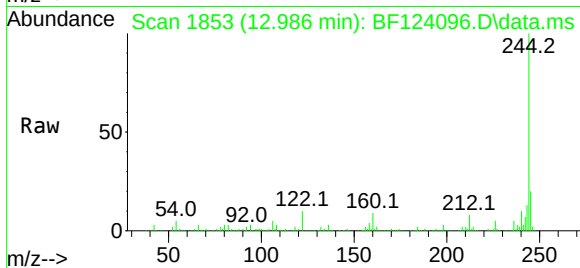
Tgt Ion:244 Resp: 358067

Ion Ratio Lower Upper

244 100

212 8.5 5.7 8.5

122 10.1 9.7 14.5



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.527 min Scan# 2285

Delta R.T. -0.000 min

Lab File: BF124096.D

Acq: 27 May 2021 17:14

Tgt Ion:264 Resp: 95238

Ion Ratio Lower Upper

264 100

260 20.0 18.7 28.1

265 19.7 17.8 26.8

