

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042921\
 Data File : BF123761.D
 Acq On : 29 Apr 2021 11:28
 Operator : JU/CG
 Sample : PB136913BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136013BL

Quant Time: Apr 29 12:00:59 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 29 11:58:47 2021
 Response via : Initial Calibration

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

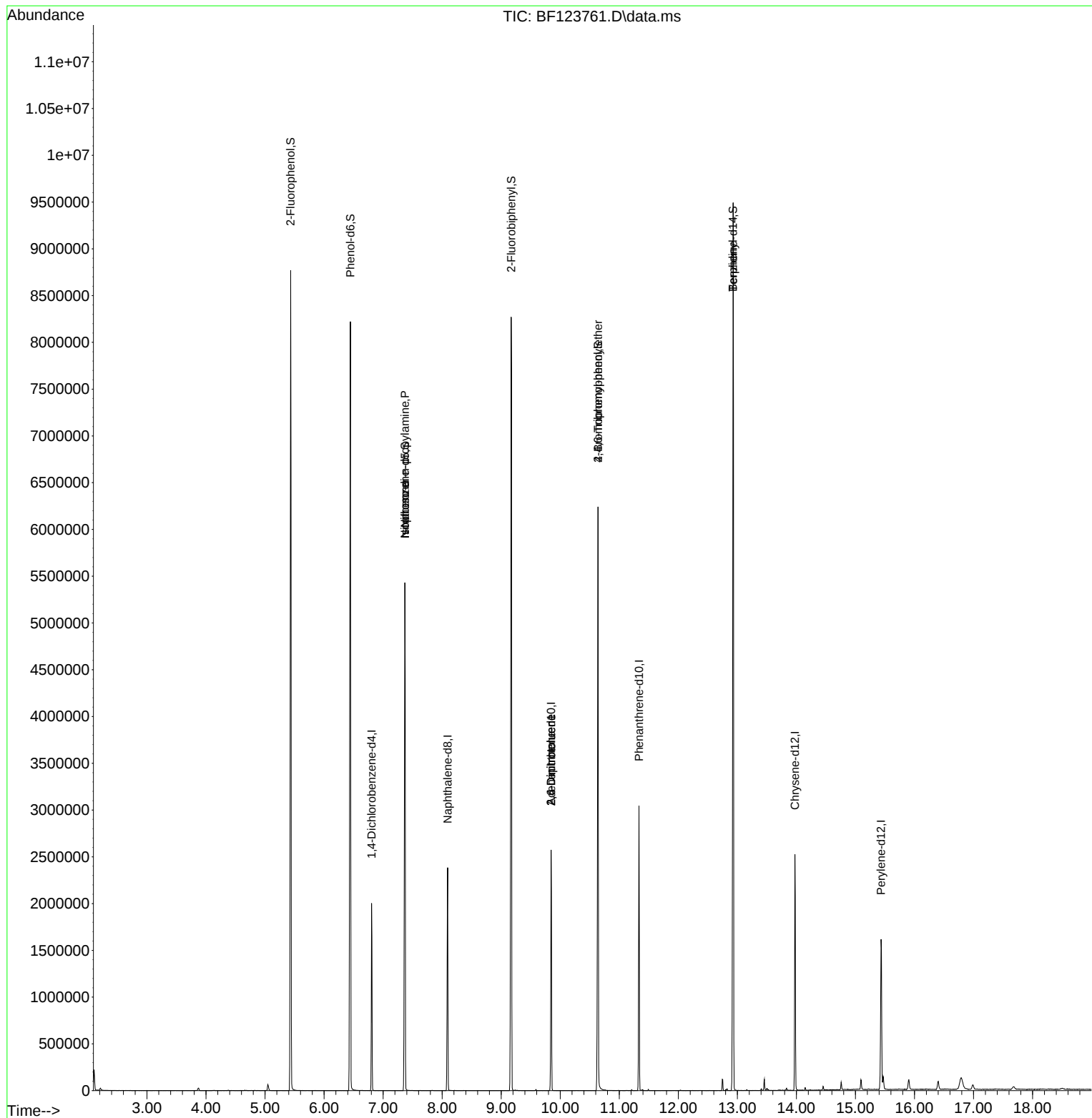
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	266321	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	1029151	20.00	ng	0.00
39) Acenaphthene-d10	9.845	164	503515	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	981233	20.00	ng	0.00
76) Chrysene-d12	13.974	240	859025	20.00	ng	-0.01
86) Perylene-d12	15.433	264	764575	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2081916	123.85	ng	0.01
7) Phenol-d6	6.445	99	2658741	114.81	ng	0.00
23) Nitrobenzene-d5	7.369	82	1917689	84.12	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	736799	117.55	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2892585	83.66	ng	0.00
79) Terphenyl-d14	12.927	244	3338228	74.83	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	259262	18.13	ng	# 75
25) Isophorone	7.369	82	1914461	44.79	ng	# 69
51) 2,6-Dinitrotoluene	9.845	165	65457	7.98	ng	# 12
57) 2,4-Dinitrotoluene	9.845	165	65457	5.86	ng	# 17
67) 4-Bromophenyl-phenylether	10.639	248	40560	3.93	ng	# 1
77) Benzidine	12.927	184	45344	2.04	ng	# 98

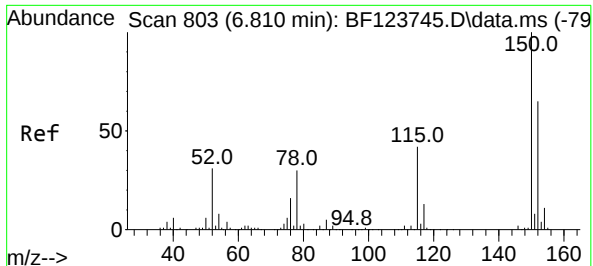
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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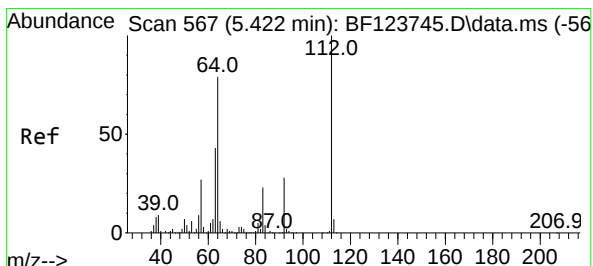
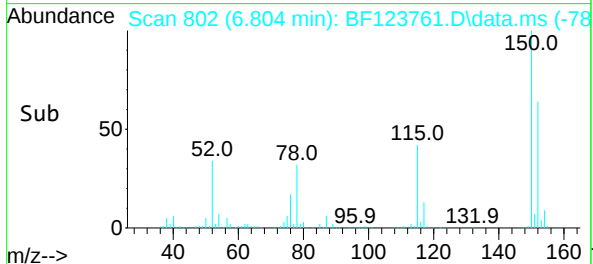
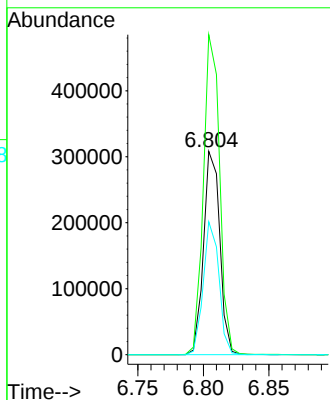
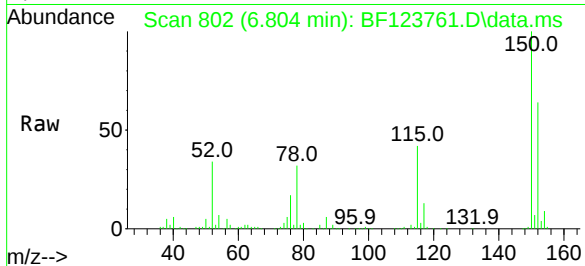




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF123761.D
Acq: 29 Apr 2021 11:28

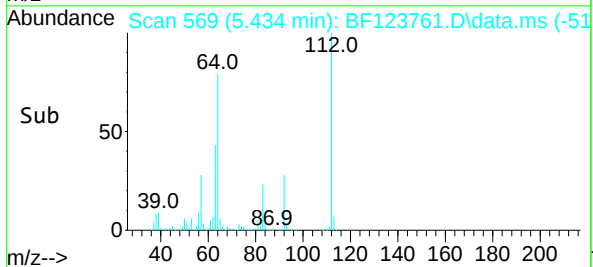
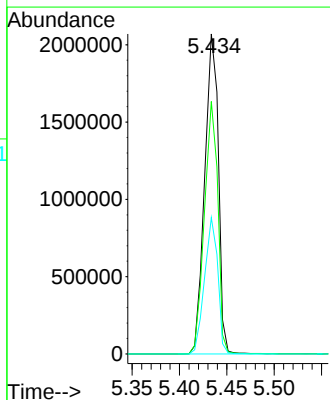
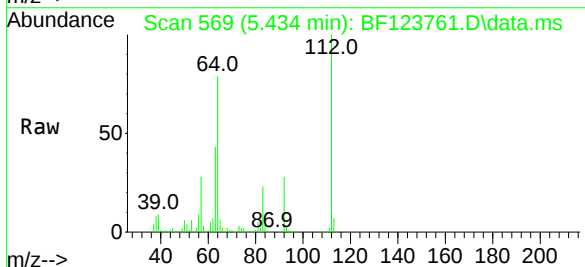
Instrument :
BNA_F
ClientSampleId :
PB136013BL

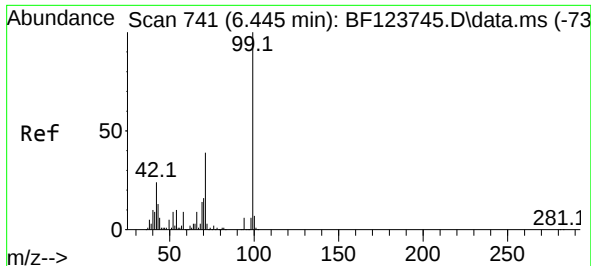
Tgt Ion:152 Resp: 266321
Ion Ratio Lower Upper
152 100
150 157.4 127.0 190.6
115 65.4 54.3 81.5



#5
2-Fluorophenol
Concen: 123.85 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF123761.D
Acq: 29 Apr 2021 11:28

Tgt Ion:112 Resp: 2081916
Ion Ratio Lower Upper
112 100
64 78.9 61.4 92.0
63 42.6 33.0 49.4

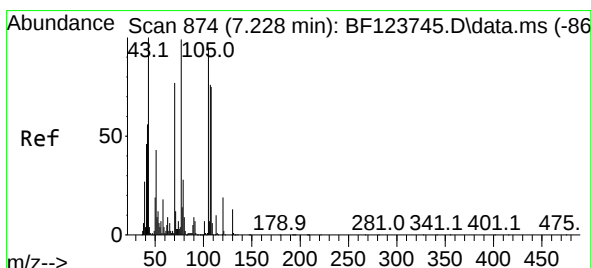
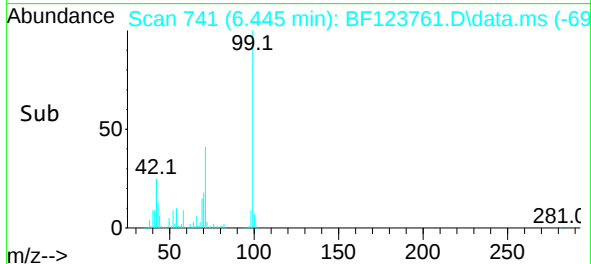
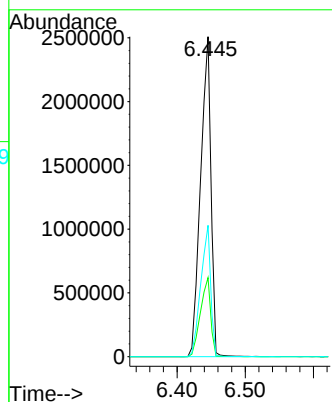
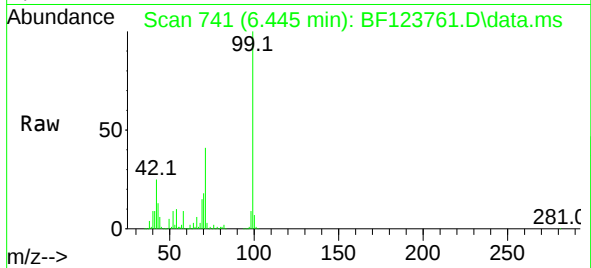




#7
Phenol-d6
Concen: 114.81 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF123761.D
Acq: 29 Apr 2021 11:28

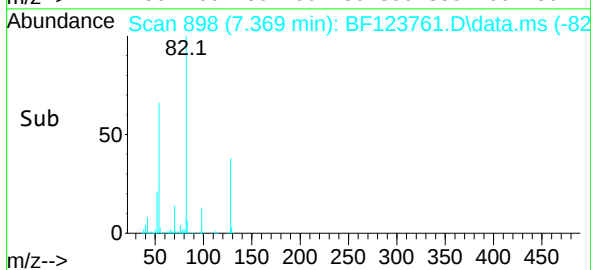
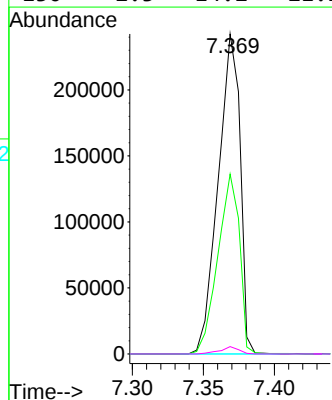
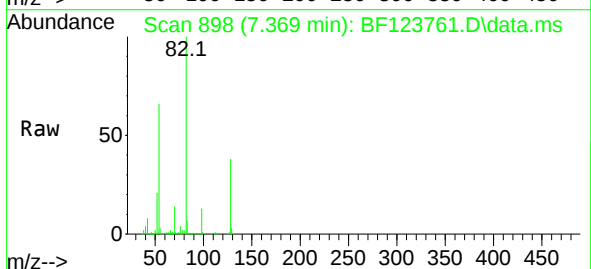
Instrument :
BNA_F
ClientSampleId :
PB136013BL

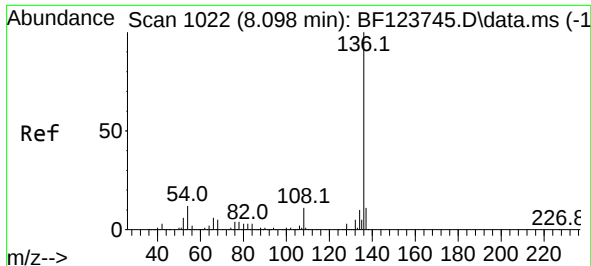
Tgt Ion: 99 Resp: 2658741
Ion Ratio Lower Upper
99 100
42 24.7 19.8 29.8
71 41.1 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.13 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF123761.D
Acq: 29 Apr 2021 11:28

Tgt Ion: 70 Resp: 259262
Ion Ratio Lower Upper
70 100
42 56.2 60.1 90.1#
101 0.0 7.4 11.2#
130 2.3 14.2 21.2#



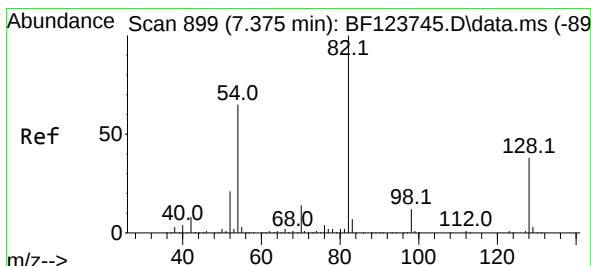
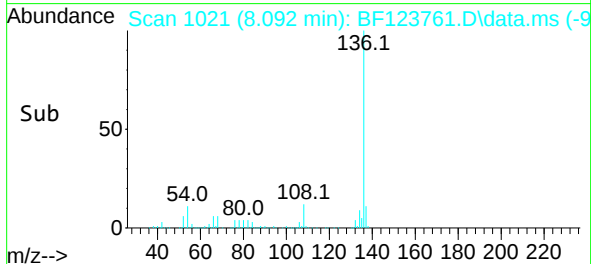
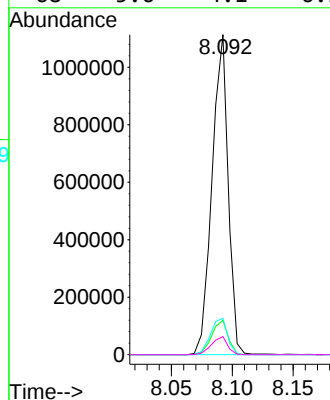
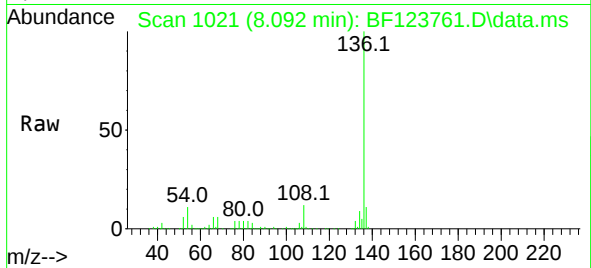


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF123761.D
Acq: 29 Apr 2021 11:28

Instrument :
BNA_F
ClientSampleId :
PB136013BL

Tgt Ion:136 Resp: 1029151

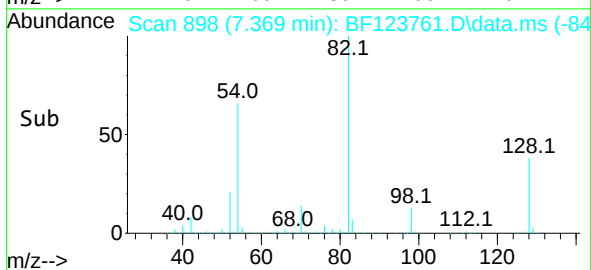
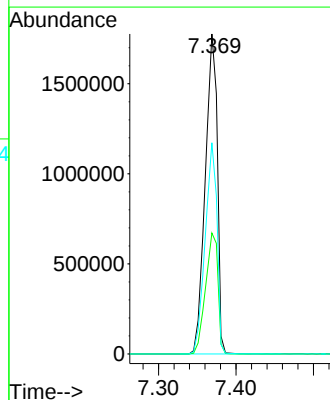
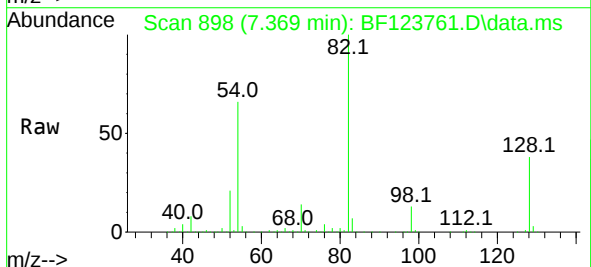
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	11.3	9.8	14.6
68	5.6	4.1	6.1

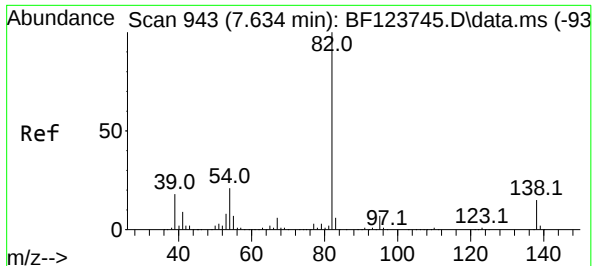


#23
Nitrobenzene-d5
Concen: 84.12 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF123761.D
Acq: 29 Apr 2021 11:28

Tgt Ion: 82 Resp: 1917689

Ion	Ratio	Lower	Upper
82	100		
128	37.8	29.4	44.2
54	66.0	54.1	81.1

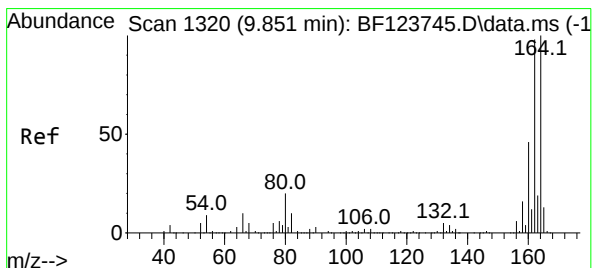
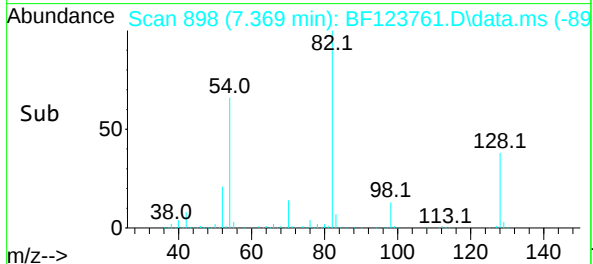
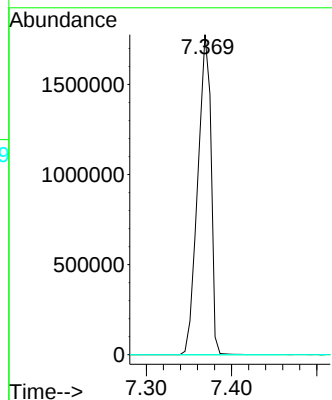
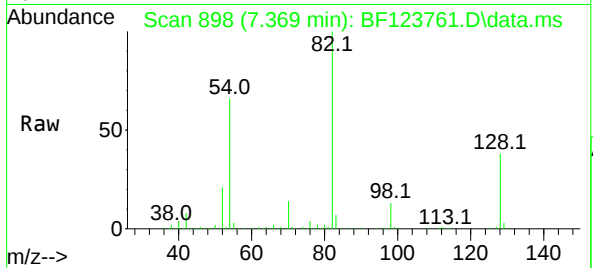




#25
Isophorone
Concen: 44.79 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.265 min
Lab File: BF123761.D
Acq: 29 Apr 2021 11:28

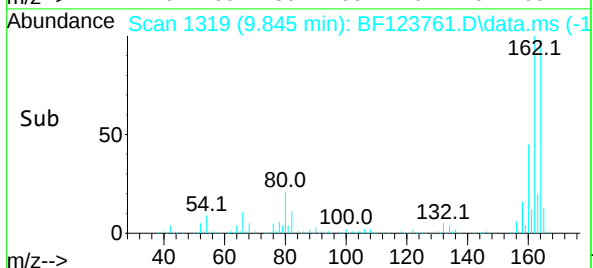
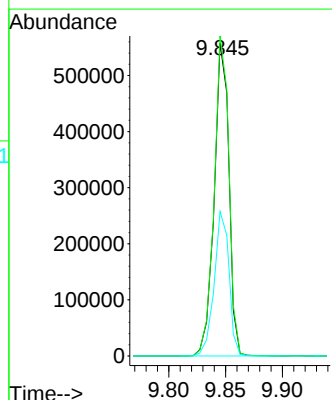
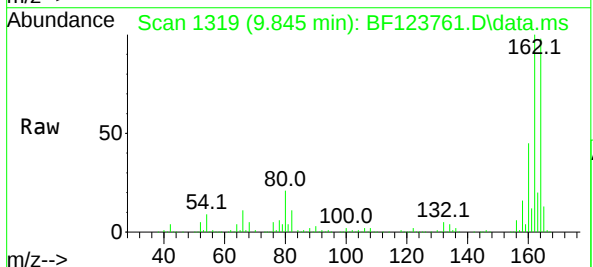
Instrument :
BNA_F
ClientSampleId :
PB136013BL

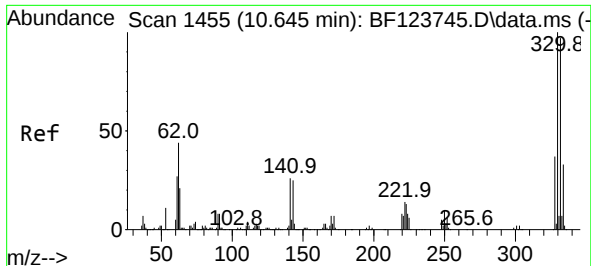
Tgt Ion: 82 Resp: 1914461
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF123761.D
Acq: 29 Apr 2021 11:28

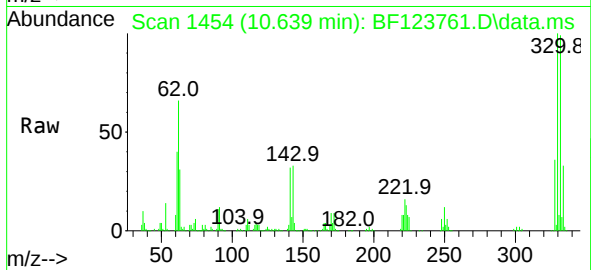
Tgt Ion:164 Resp: 503515
Ion Ratio Lower Upper
164 100
162 102.3 80.7 121.1
160 46.2 37.3 55.9



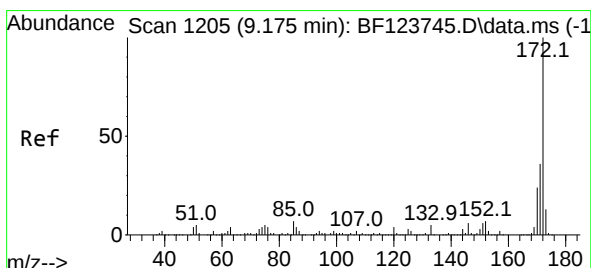
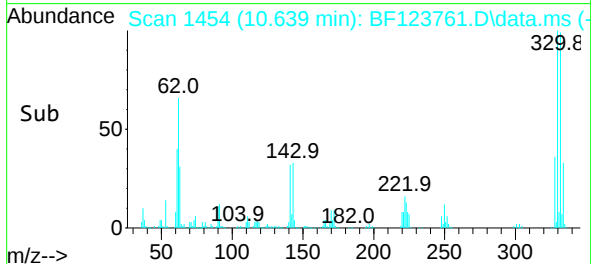
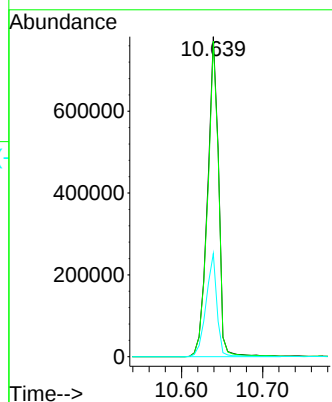


#42
 2,4,6-Tribromophenol
 Concen: 117.55 ng
 RT: 10.639 min Scan# 1454
 Delta R.T. -0.006 min
 Lab File: BF123761.D
 Acq: 29 Apr 2021 11:28

Instrument :
 BNA_F
 ClientSampleID :
 PB136013BL

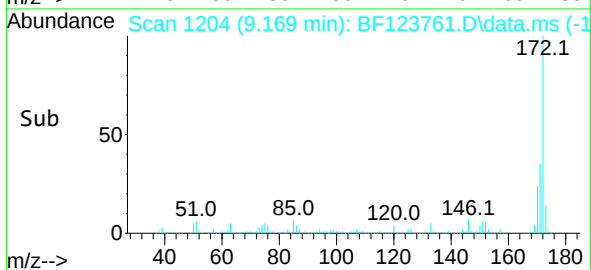
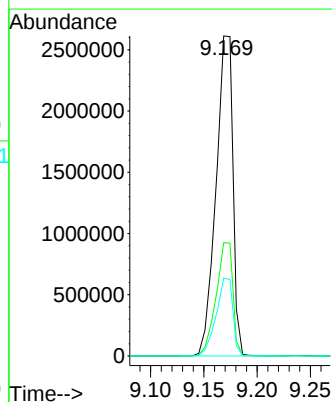
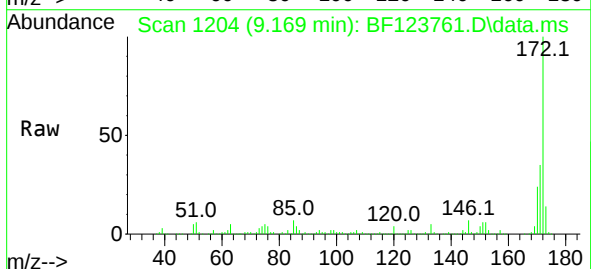


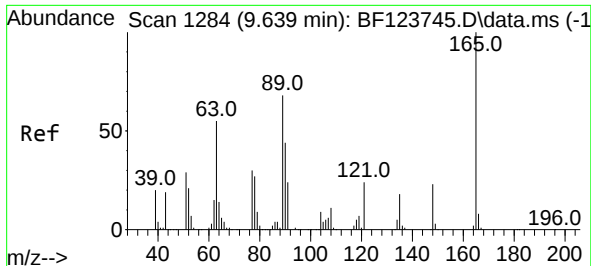
Tgt Ion: 330 Resp: 736799
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.1 115.7
 141 31.9 27.9 41.9



#45
 2-Fluorobiphenyl
 Concen: 83.66 ng
 RT: 9.169 min Scan# 1204
 Delta R.T. -0.006 min
 Lab File: BF123761.D
 Acq: 29 Apr 2021 11:28

Tgt Ion: 172 Resp: 2892585
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.1 42.1
 170 24.3 19.2 28.8

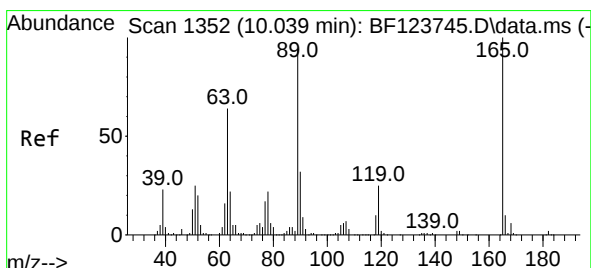
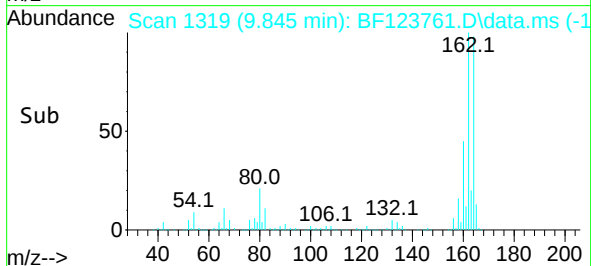
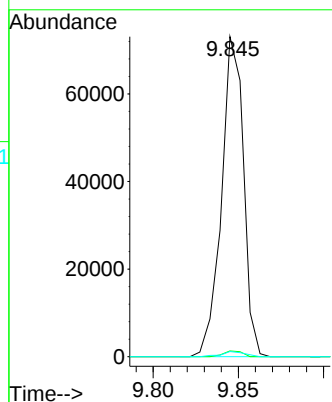
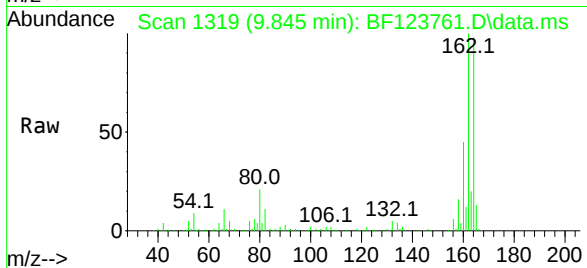




#51
2,6-Dinitrotoluene
Concen: 7.98 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF123761.D
Acq: 29 Apr 2021 11:28

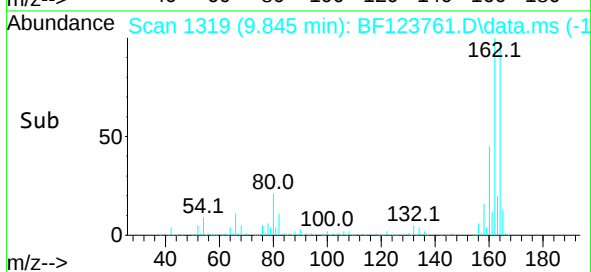
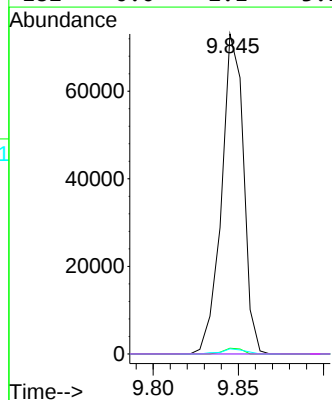
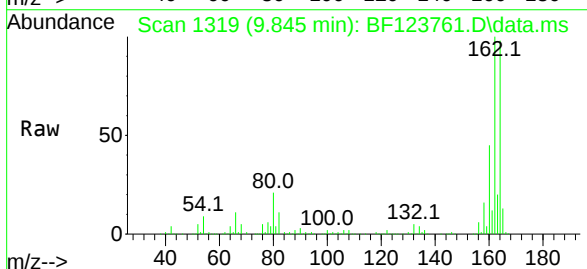
Instrument :
BNA_F
ClientSampleId :
PB136013BL

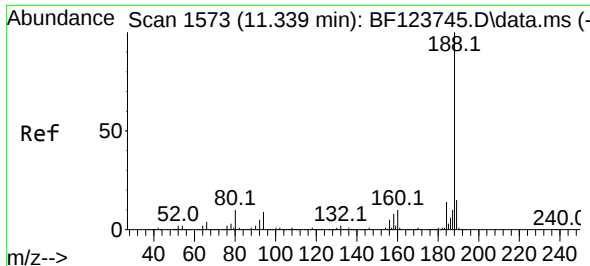
Tgt Ion:165 Resp: 65457
Ion Ratio Lower Upper
165 100
63 1.8 67.7 101.5#
89 1.6 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.86 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.194 min
Lab File: BF123761.D
Acq: 29 Apr 2021 11:28

Tgt Ion:165 Resp: 65457
Ion Ratio Lower Upper
165 100
63 1.8 43.5 65.3#
89 1.6 67.7 101.5#
182 0.0 2.1 3.1#

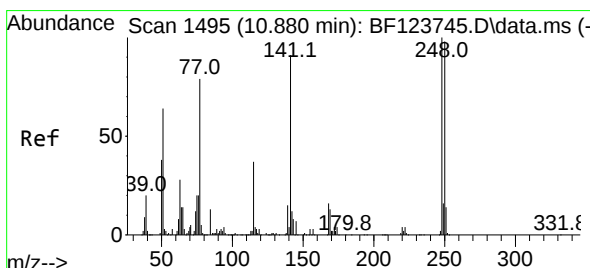
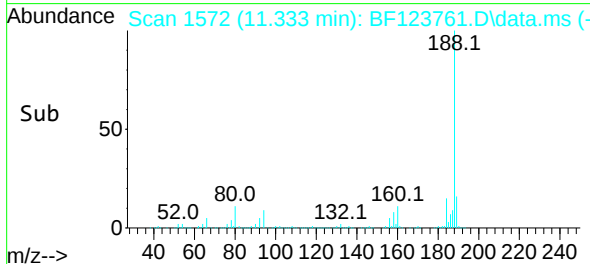
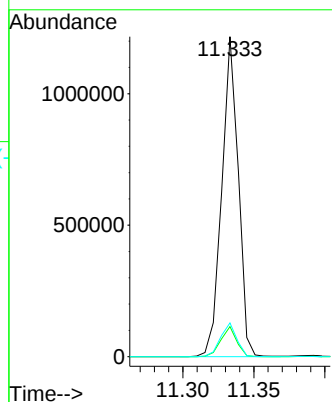
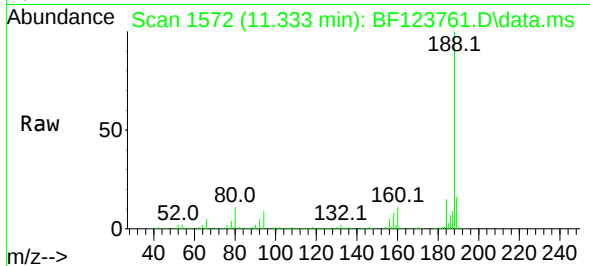




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF123761.D
Acq: 29 Apr 2021 11:28

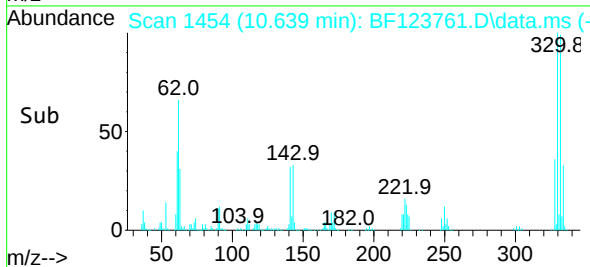
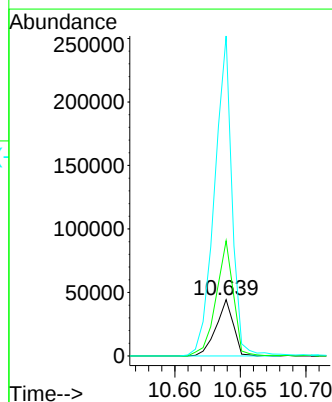
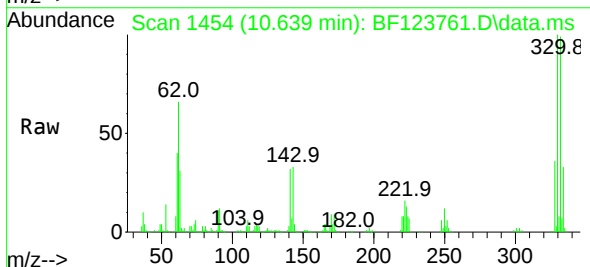
Instrument :
BNA_F
ClientSampleId :
PB136013BL

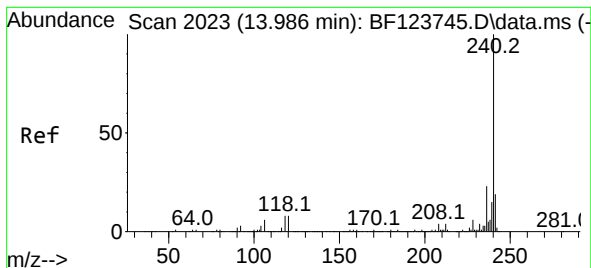
Tgt Ion:188 Resp: 981233
Ion Ratio Lower Upper
188 100
94 9.4 6.9 10.3
80 10.5 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 3.93 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.241 min
Lab File: BF123761.D
Acq: 29 Apr 2021 11:28

Tgt Ion:248 Resp: 40560
Ion Ratio Lower Upper
248 100
250 204.6 77.4 116.2#
141 568.5 63.7 95.5#

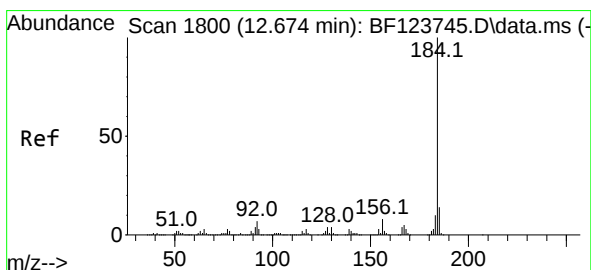
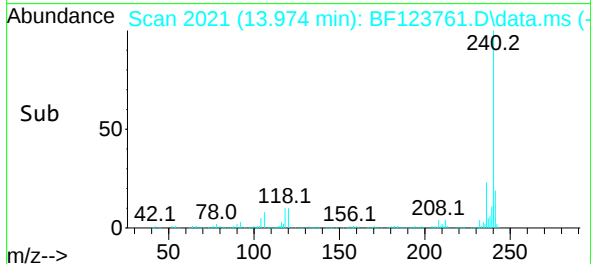
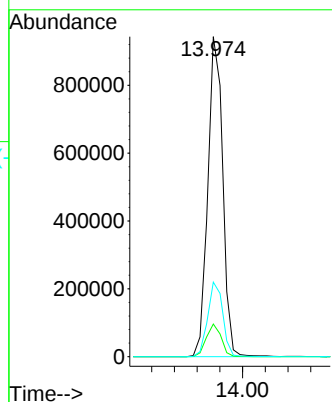
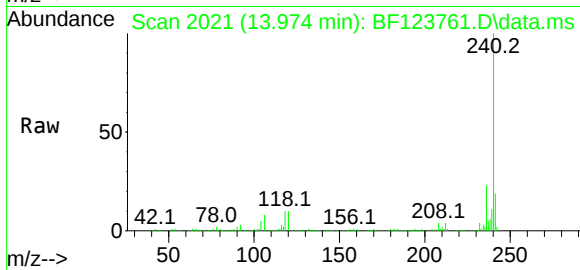




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF123761.D
Acq: 29 Apr 2021 11:28

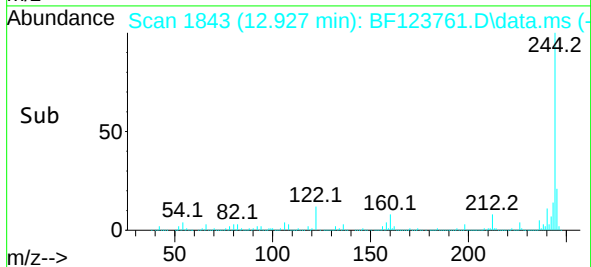
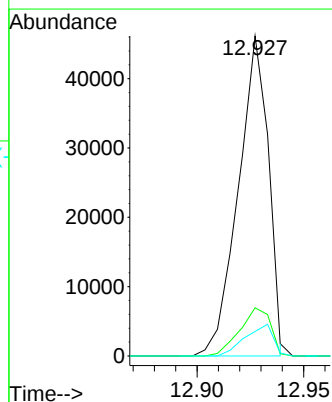
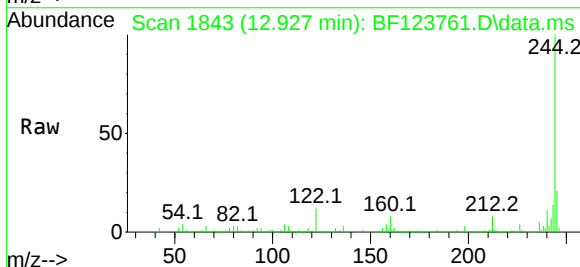
Instrument :
BNA_F
ClientSampleId :
PB136013BL

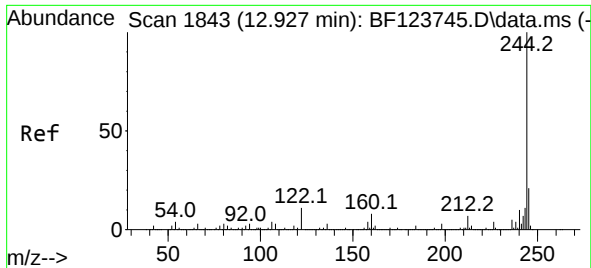
Tgt Ion:240 Resp: 859025
Ion Ratio Lower Upper
240 100
120 10.2 7.2 10.8
236 23.3 19.0 28.4



#77
Benzidine
Concen: 2.04 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.253 min
Lab File: BF123761.D
Acq: 29 Apr 2021 11:28

Tgt Ion:184 Resp: 45344
Ion Ratio Lower Upper
184 100
185 15.1 12.1 18.1
183 7.6 7.8 11.8#

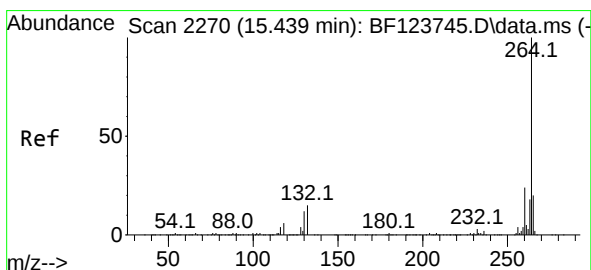
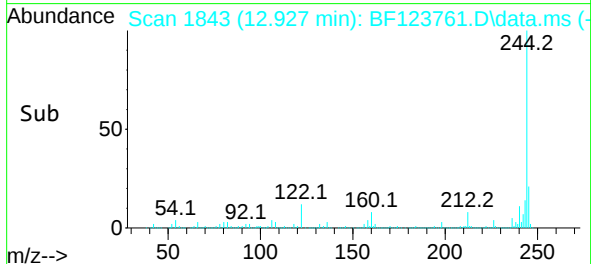
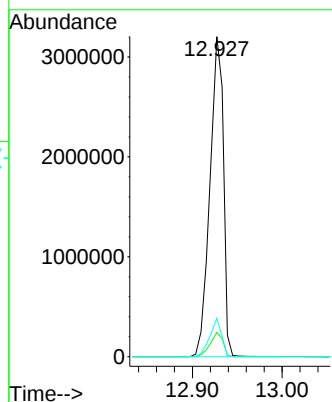
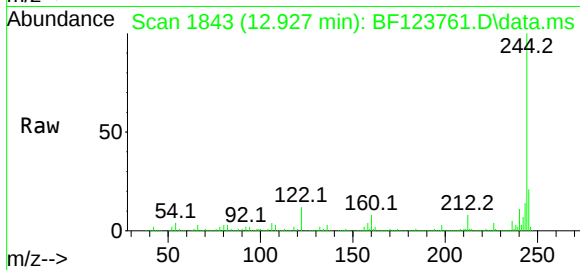




#79
 Terphenyl-d14
 Concen: 74.83 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF123761.D
 Acq: 29 Apr 2021 11:28

Instrument :
 BNA_F
 ClientSampleId :
 PB136013BL

Tgt Ion:244 Resp: 3338228
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 12.0 9.7 14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.433 min Scan# 2269
 Delta R.T. -0.006 min
 Lab File: BF123761.D
 Acq: 29 Apr 2021 11:28

Tgt Ion:264 Resp: 764575
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.2 17.8 26.8

