

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043021\
 Data File : BF123766.D
 Acq On : 30 Apr 2021 9:23
 Operator : JU/CG
 Sample : PB136031BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB136031BL

Quant Time: Apr 30 11:20:41 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 30 11:10:41 2021
 Response via : Initial Calibration

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

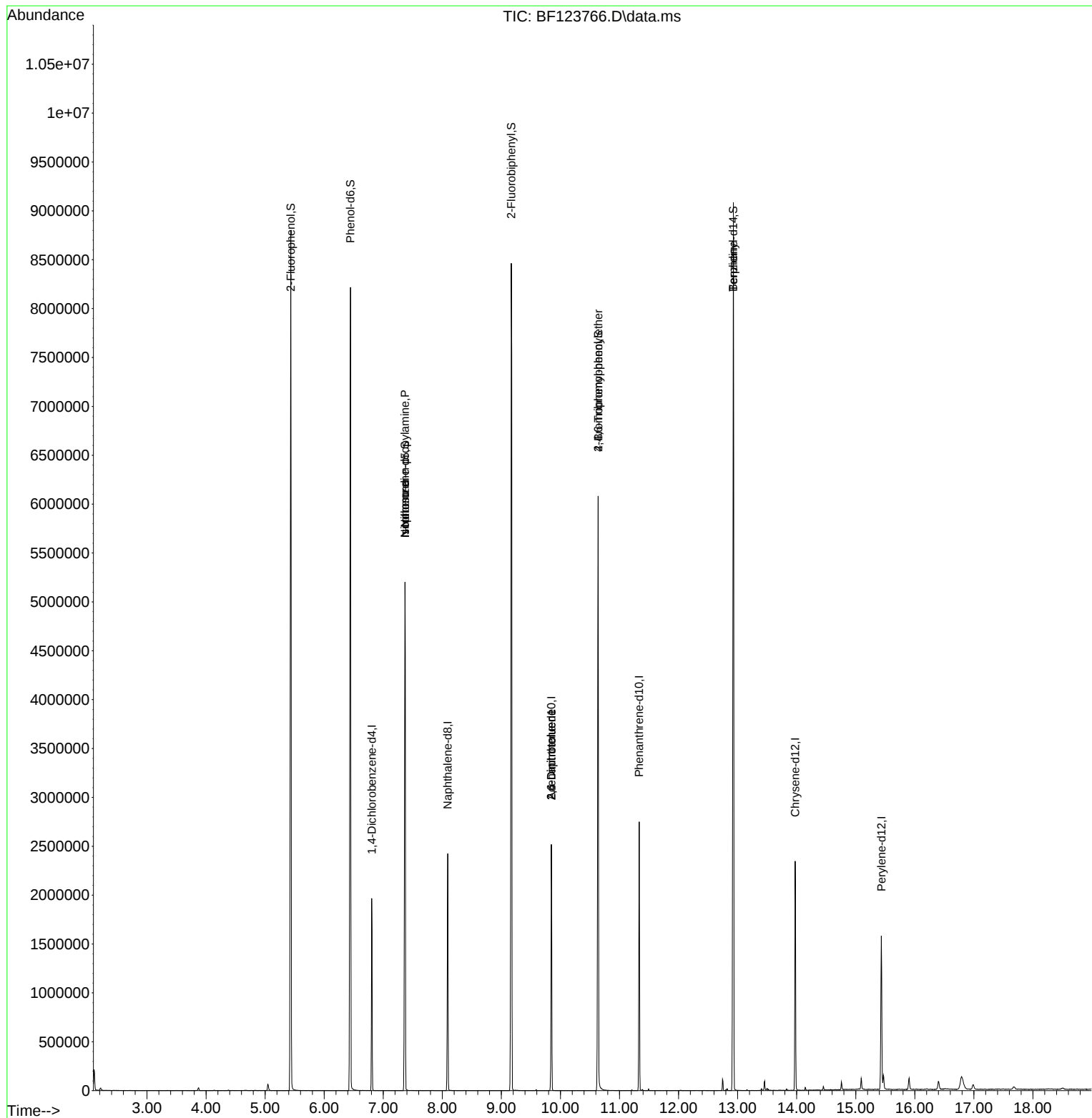
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	262966	20.00	ng	0.00
21) Naphthalene-d8	8.092	136	970056	20.00	ng	0.00
39) Acenaphthene-d10	9.845	164	490741	20.00	ng	0.00
64) Phenanthrene-d10	11.333	188	921018	20.00	ng	0.00
76) Chrysene-d12	13.974	240	817209	20.00	ng	-0.01
86) Perylene-d12	15.433	264	698088	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	2037678	122.76	ng	0.01
7) Phenol-d6	6.445	99	2567707	112.30	ng	0.00
23) Nitrobenzene-d5	7.369	82	1857526	86.44	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	703312	115.12	ng	0.00
45) 2-Fluorobiphenyl	9.169	172	2753096	81.70	ng	0.00
79) Terphenyl-d14	12.927	244	3170409	74.71	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.369	70	250781	17.76	ng	Qvalue
25) Isophorone	7.369	82	1857514	46.10	ng	# 74
51) 2,6-Dinitrotoluene	9.845	165	60615	7.59	ng	# 69
57) 2,4-Dinitrotoluene	9.845	165	60615	5.56	ng	# 12
67) 4-Bromophenyl-phenylether	10.639	248	39933	4.12	ng	# 18
77) Benzidine	12.927	184	43812	2.07	ng	# 1

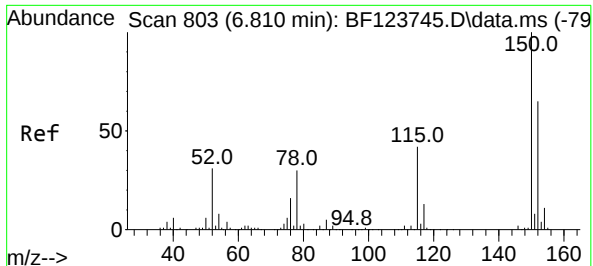
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043021\
Data File : BF123766.D
Acq On : 30 Apr 2021 9:23
Operator : JU/CG
Sample : PB136031BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB136031BL

Quant Time: Apr 30 11:20:41 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 30 11:10:41 2021
Response via : Initial Calibration

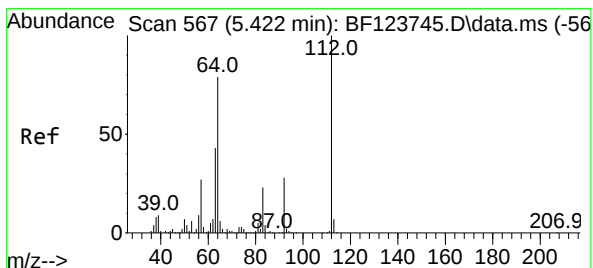
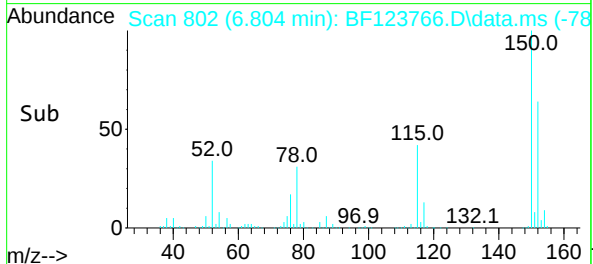
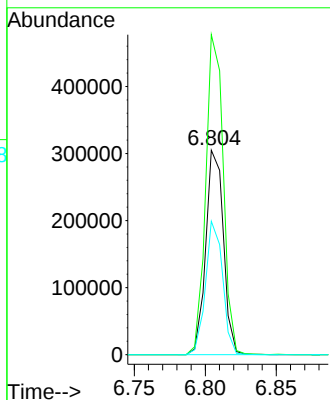
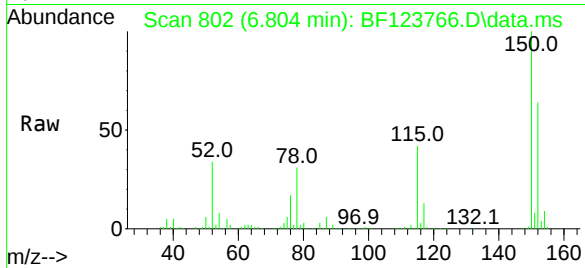




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.804 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF123766.D
Acq: 30 Apr 2021 9:23

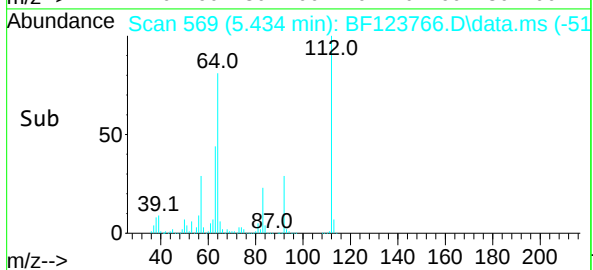
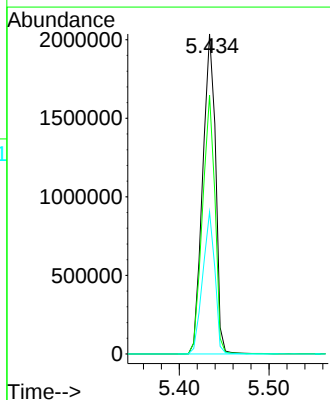
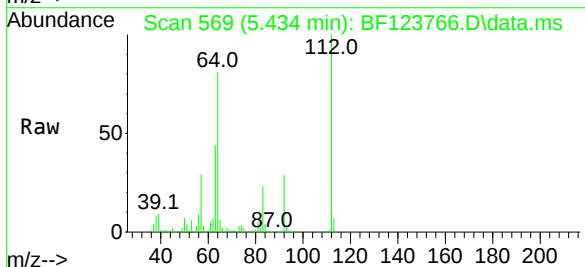
Instrument :
BNA_F
ClientSampleId :
PB136031BL

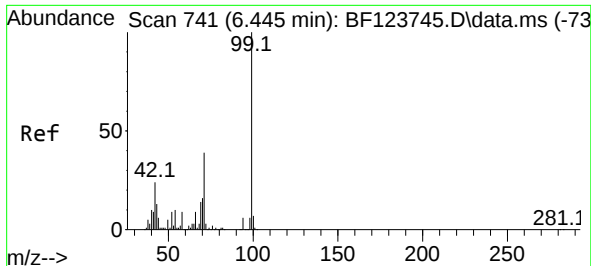
Tgt Ion:152 Resp: 262966
Ion Ratio Lower Upper
152 100
150 156.4 127.0 190.6
115 65.2 54.3 81.5



#5
2-Fluorophenol
Concen: 122.76 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF123766.D
Acq: 30 Apr 2021 9:23

Tgt Ion:112 Resp: 2037678
Ion Ratio Lower Upper
112 100
64 80.9 61.4 92.0
63 44.4 33.0 49.4

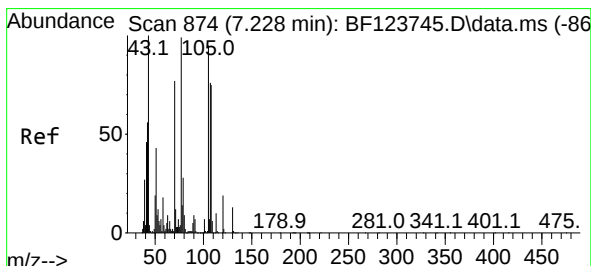
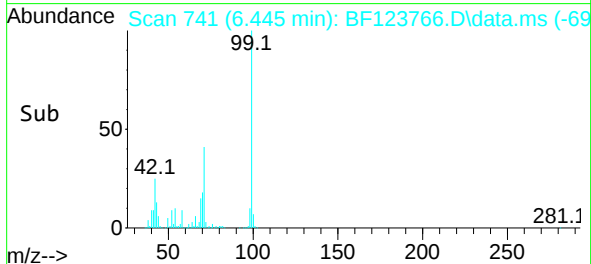
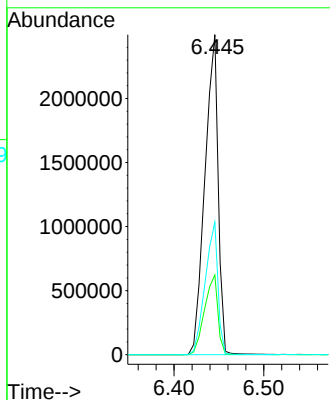
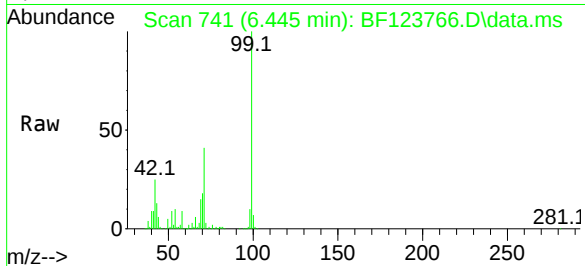




#7
Phenol-d6
Concen: 112.30 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF123766.D
Acq: 30 Apr 2021 9:23

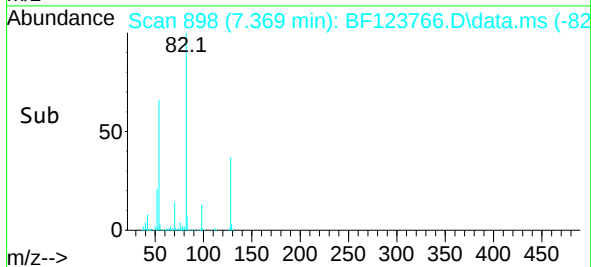
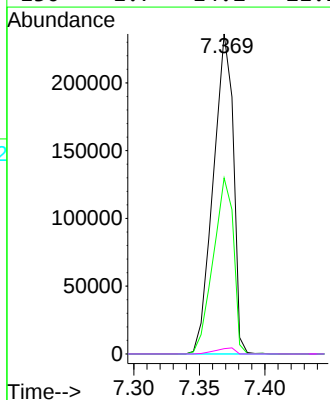
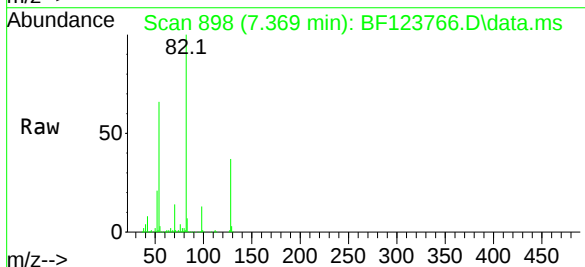
Instrument :
BNA_F
ClientSampleId :
PB136031BL

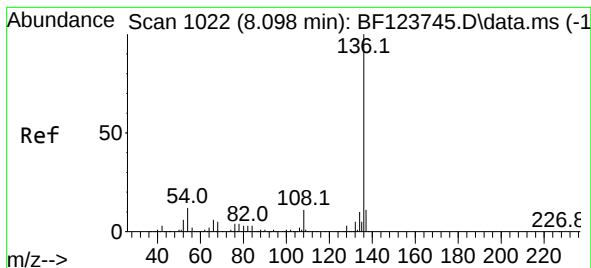
Tgt Ion: 99 Resp: 2567707
Ion Ratio Lower Upper
99 100
42 24.9 19.8 29.8
71 41.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 17.76 ng
RT: 7.369 min Scan# 898
Delta R.T. 0.141 min
Lab File: BF123766.D
Acq: 30 Apr 2021 9:23

Tgt Ion: 70 Resp: 250781
Ion Ratio Lower Upper
70 100
42 55.0 60.1 90.1#
101 0.0 7.4 11.2#
130 1.7 14.2 21.2#

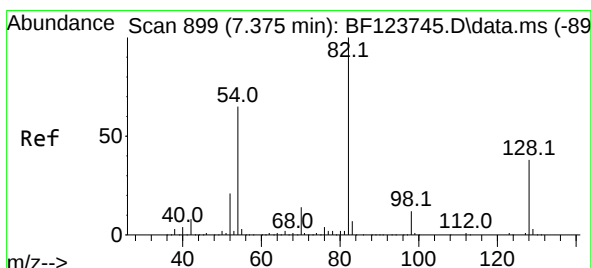
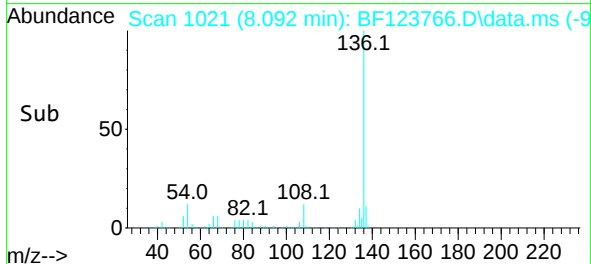
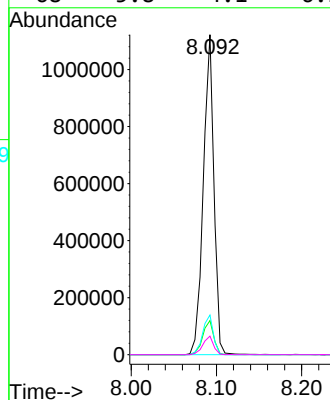
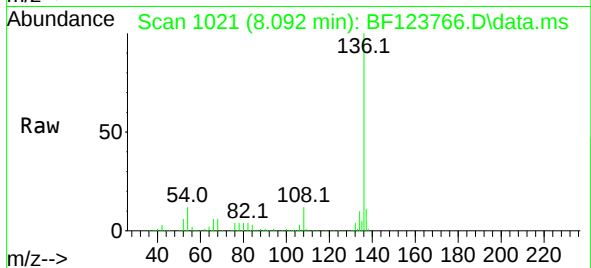




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF123766.D
Acq: 30 Apr 2021 9:23

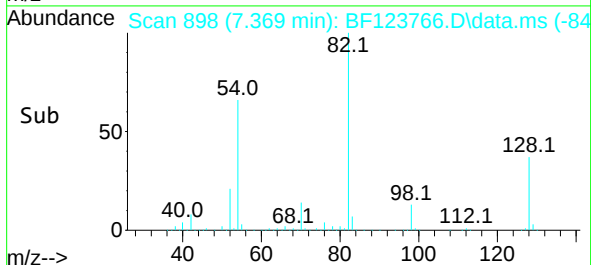
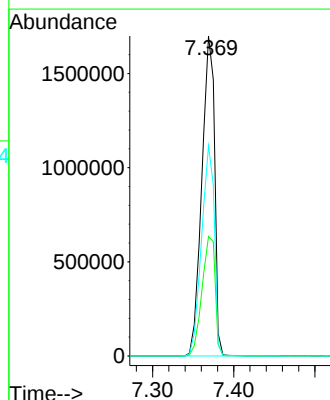
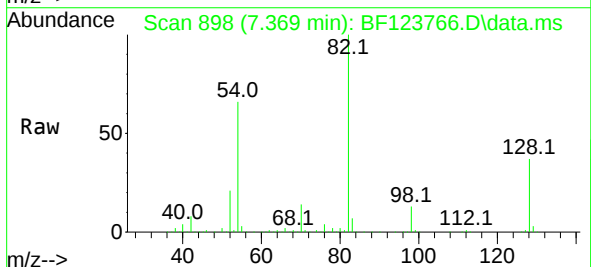
Instrument :
BNA_F
ClientSampleId :
PB136031BL

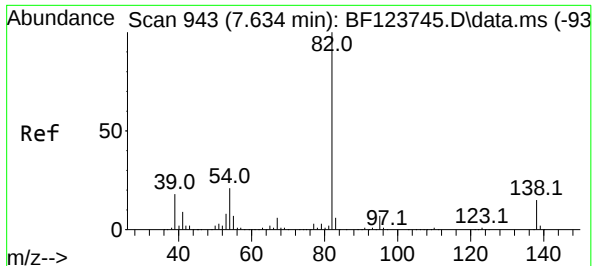
Tgt Ion:136	Resp: 970056
Ion Ratio	Lower Upper
136 100	
137 10.7	8.7 13.1
54 12.4	9.8 14.6
68 5.8	4.1 6.1



#23
Nitrobenzene-d5
Concen: 86.44 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.006 min
Lab File: BF123766.D
Acq: 30 Apr 2021 9:23

Tgt Ion: 82	Resp: 1857526
Ion Ratio	Lower Upper
82 100	
128 37.4	29.4 44.2
54 65.7	54.1 81.1

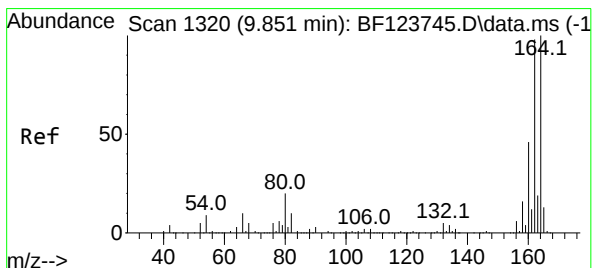
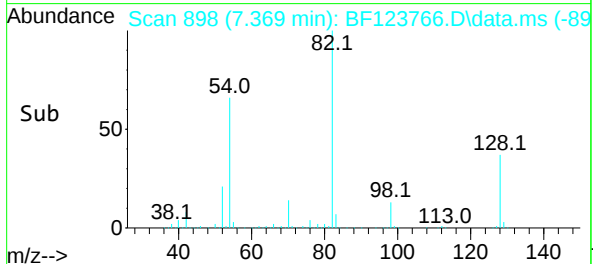
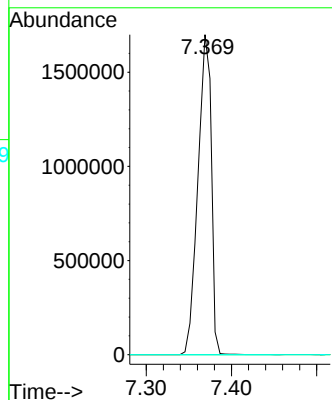
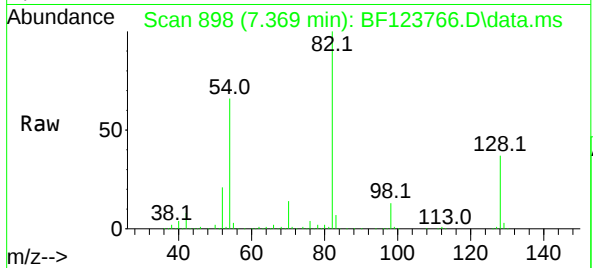




#25
Isophorone
Concen: 46.10 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.265 min
Lab File: BF123766.D
Acq: 30 Apr 2021 9:23

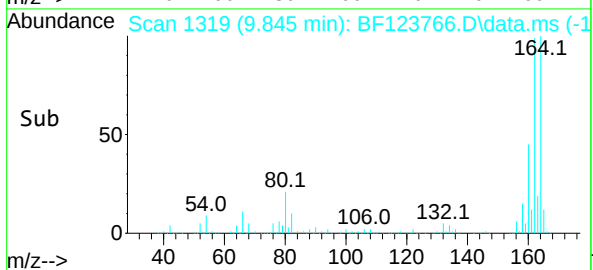
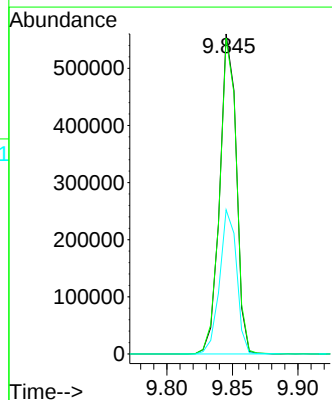
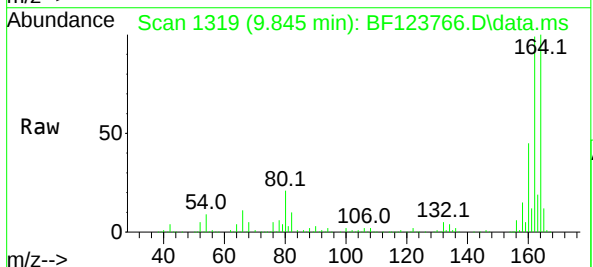
Instrument :
BNA_F
ClientSampleId :
PB136031BL

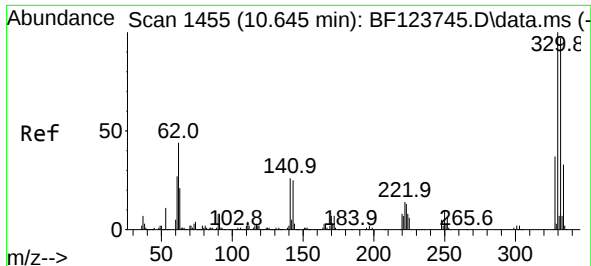
Tgt Ion: 82 Resp: 1857514
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.006 min
Lab File: BF123766.D
Acq: 30 Apr 2021 9:23

Tgt Ion:164 Resp: 490741
Ion Ratio Lower Upper
164 100
162 98.7 80.7 121.1
160 45.0 37.3 55.9

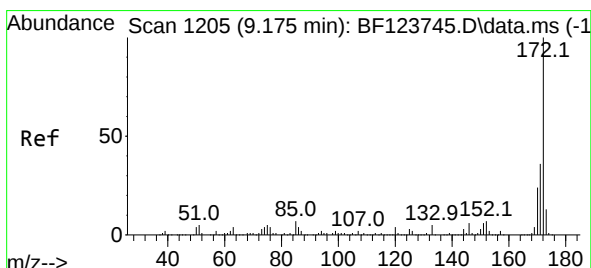
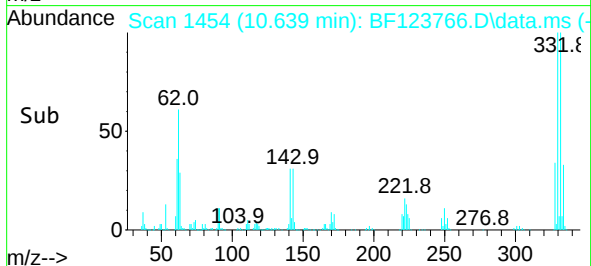
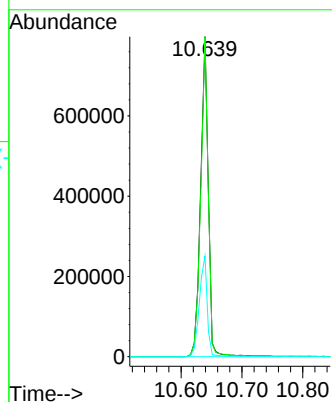
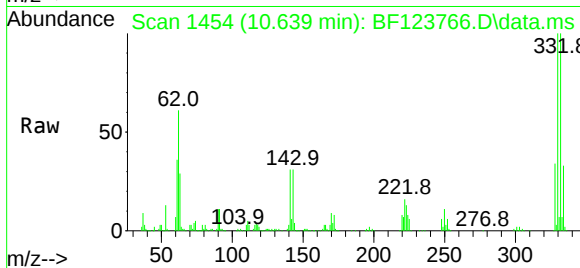




#42
 2,4,6-Tribromophenol
 Concen: 115.12 ng
 RT: 10.639 min Scan# 1454
 Delta R.T. -0.006 min
 Lab File: BF123766.D
 Acq: 30 Apr 2021 9:23

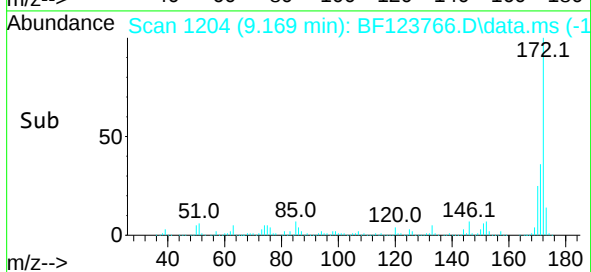
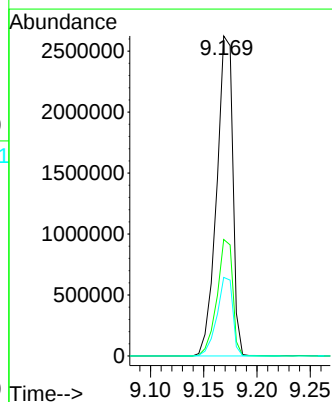
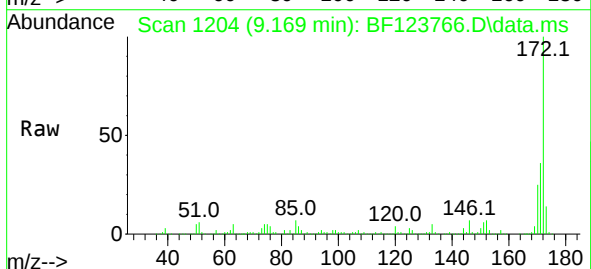
Instrument :
 BNA_F
 ClientSampleId :
 PB136031BL

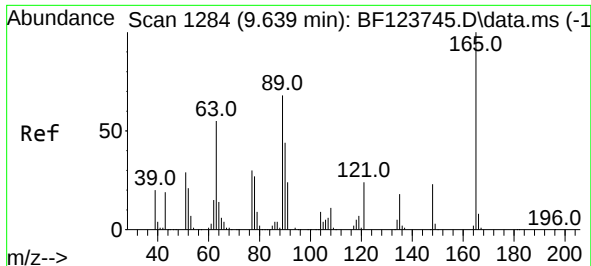
Tgt Ion: 330 Resp: 703312
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.1 115.7
 141 32.5 27.9 41.9



#45
 2-Fluorobiphenyl
 Concen: 81.70 ng
 RT: 9.169 min Scan# 1204
 Delta R.T. -0.006 min
 Lab File: BF123766.D
 Acq: 30 Apr 2021 9:23

Tgt Ion: 172 Resp: 2753096
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.1 42.1
 170 24.6 19.2 28.8

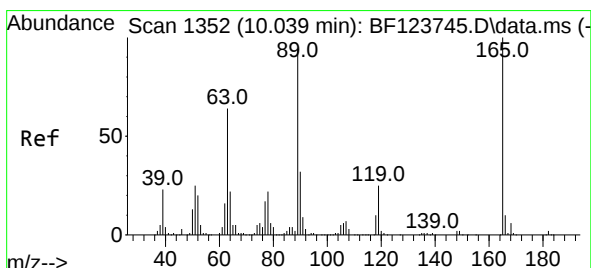
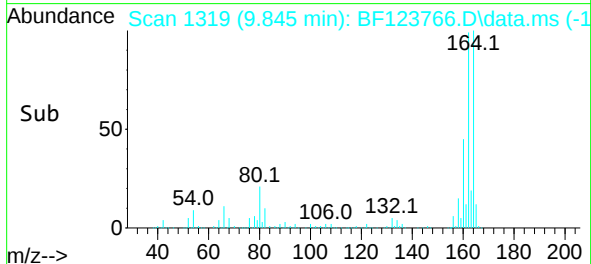
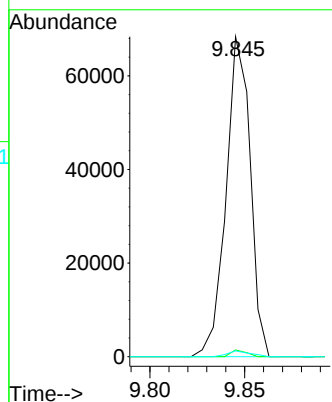
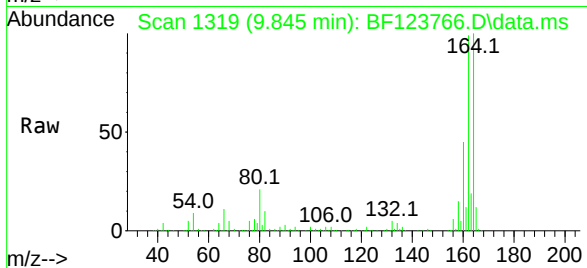




#51
2,6-Dinitrotoluene
Concen: 7.59 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.206 min
Lab File: BF123766.D
Acq: 30 Apr 2021 9:23

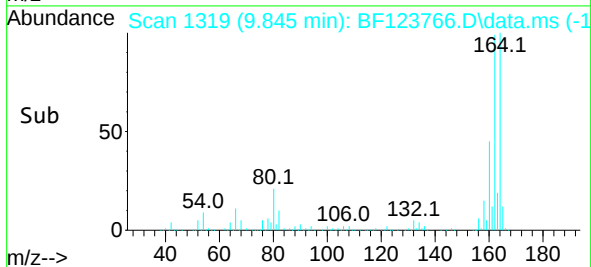
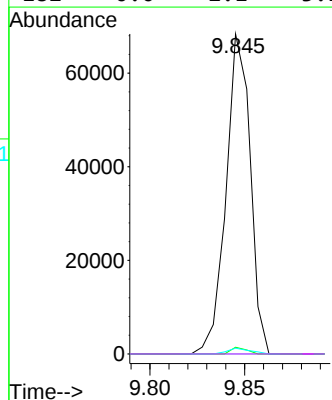
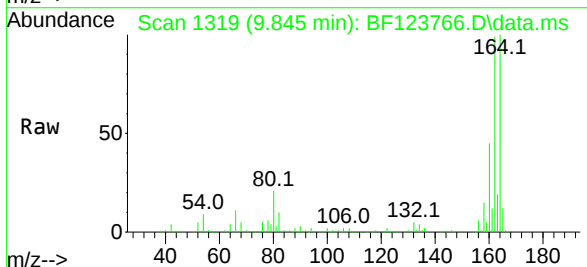
Instrument :
BNA_F
ClientSampleId :
PB136031BL

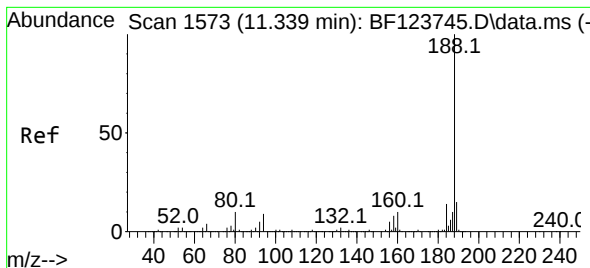
Tgt Ion:165 Resp: 60615
Ion Ratio Lower Upper
165 100
63 2.1 67.7 101.5#
89 1.8 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 5.56 ng
RT: 9.845 min Scan# 1319
Delta R.T. -0.194 min
Lab File: BF123766.D
Acq: 30 Apr 2021 9:23

Tgt Ion:165 Resp: 60615
Ion Ratio Lower Upper
165 100
63 2.1 43.5 65.3#
89 1.8 67.7 101.5#
182 0.0 2.1 3.1#

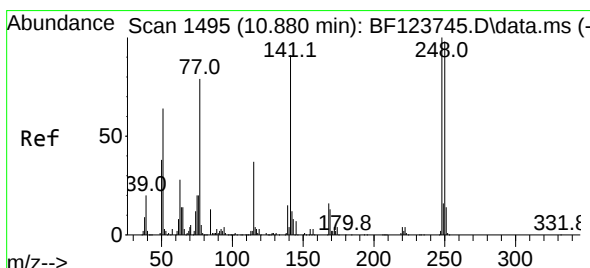
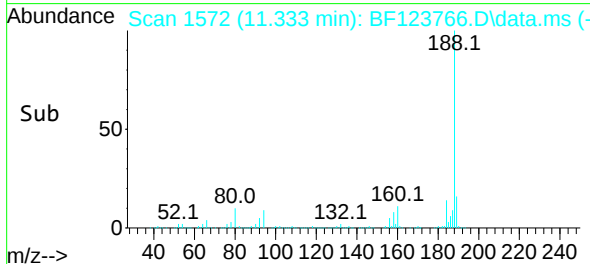
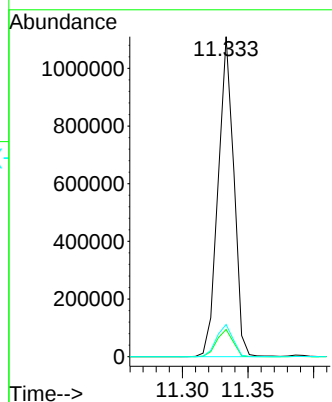
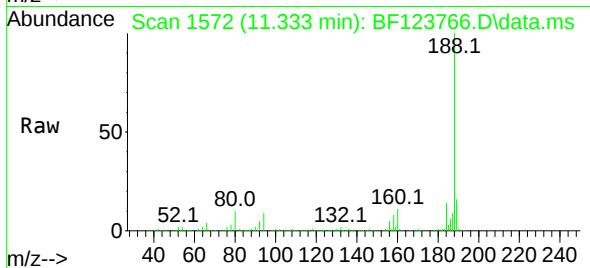




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.333 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF123766.D
Acq: 30 Apr 2021 9:23

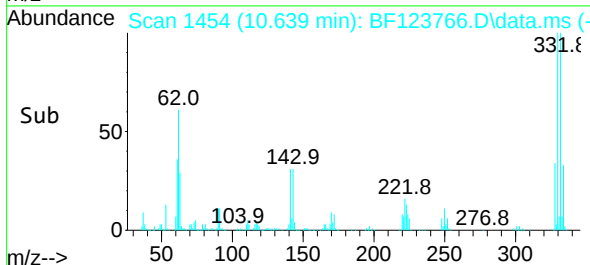
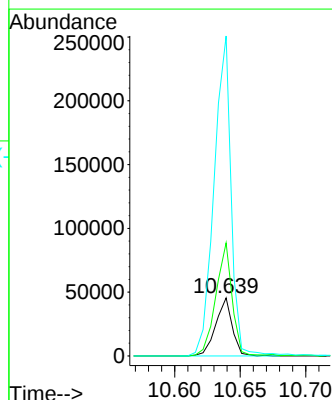
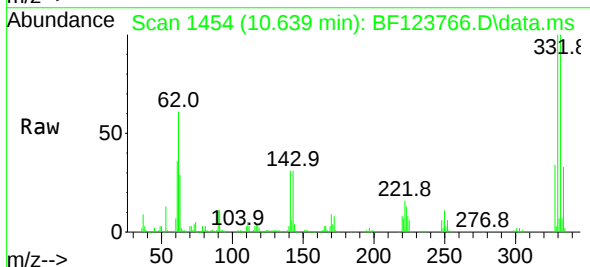
Instrument :
BNA_F
ClientSampleId :
PB136031BL

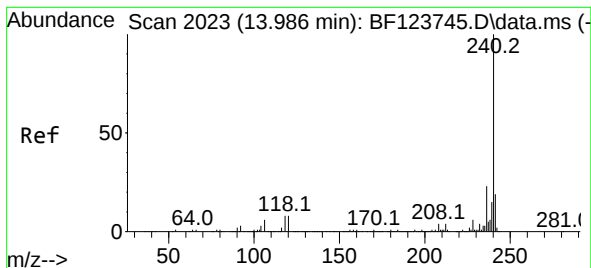
Tgt Ion:188 Resp: 921018
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 10.0 8.2 12.2



#67
4-Bromophenyl-phenylether
Concen: 4.12 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.241 min
Lab File: BF123766.D
Acq: 30 Apr 2021 9:23

Tgt Ion:248 Resp: 39933
Ion Ratio Lower Upper
248 100
250 194.6 77.4 116.2#
141 550.2 63.7 95.5#

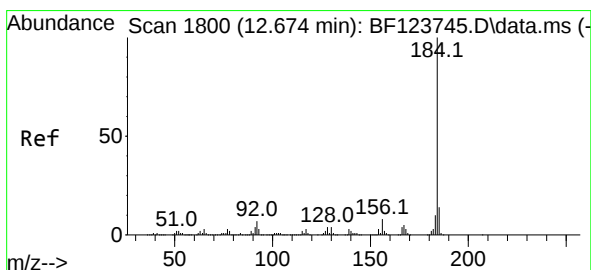
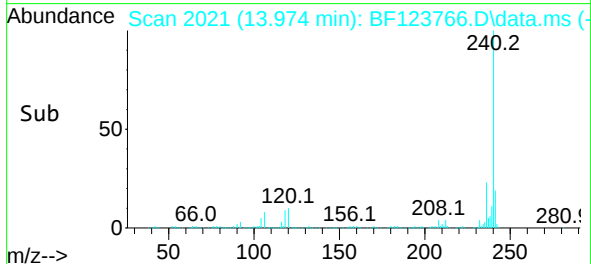
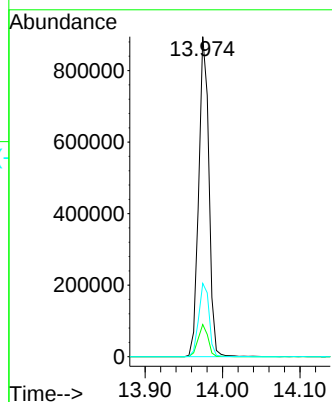
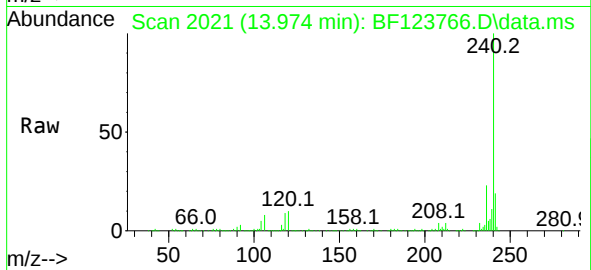




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.012 min
Lab File: BF123766.D
Acq: 30 Apr 2021 9:23

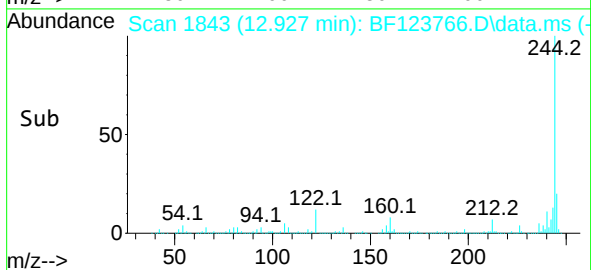
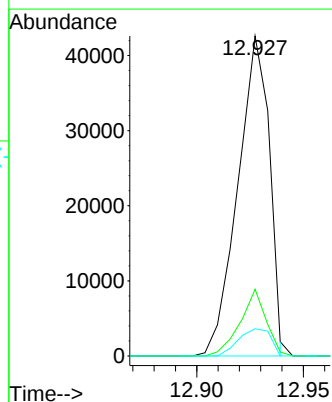
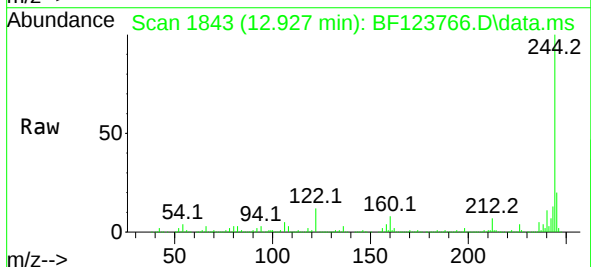
Instrument :
BNA_F
ClientSampleId :
PB136031BL

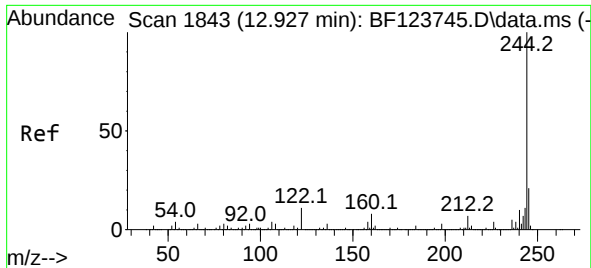
Tgt Ion:240 Resp: 817209
Ion Ratio Lower Upper
240 100
120 10.1 7.2 10.8
236 22.9 19.0 28.4



#77
Benzidine
Concen: 2.07 ng
RT: 12.927 min Scan# 1843
Delta R.T. 0.253 min
Lab File: BF123766.D
Acq: 30 Apr 2021 9:23

Tgt Ion:184 Resp: 43812
Ion Ratio Lower Upper
184 100
185 20.8 12.1 18.1#
183 8.5 7.8 11.8

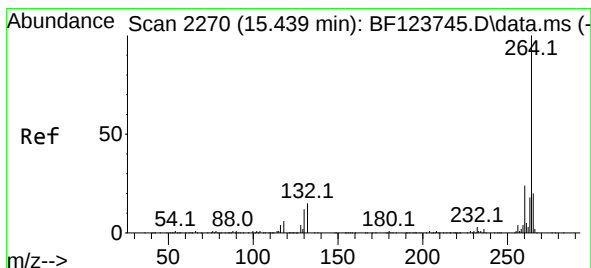
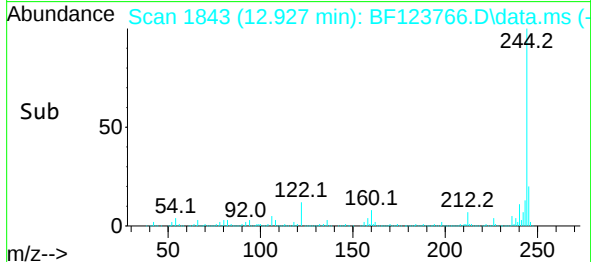
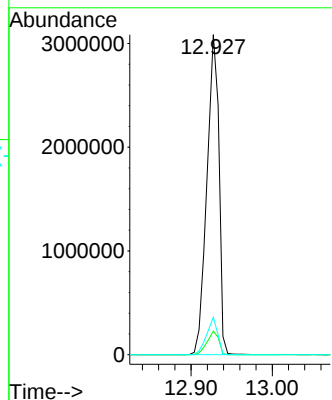
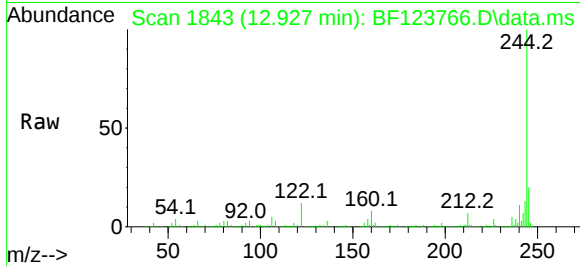




#79
 Terphenyl-d14
 Concen: 74.71 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF123766.D
 Acq: 30 Apr 2021 9:23

Instrument :
 BNA_F
 ClientSampleId :
 PB136031BL

Tgt Ion:244 Resp: 3170409
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 11.7 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: BF123766.D
 Acq: 30 Apr 2021 9:23

Tgt Ion:264 Resp: 698088
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.7 28.1
 265 22.7 17.8 26.8

