

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050721\
 Data File : BF123872.D
 Acq On : 7 May 2021 18:23
 Operator : JU/CG
 Sample : M2307-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-18

Quant Time: May 08 00:31:57 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 07 13:43:24 2021
 Response via : Initial Calibration

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

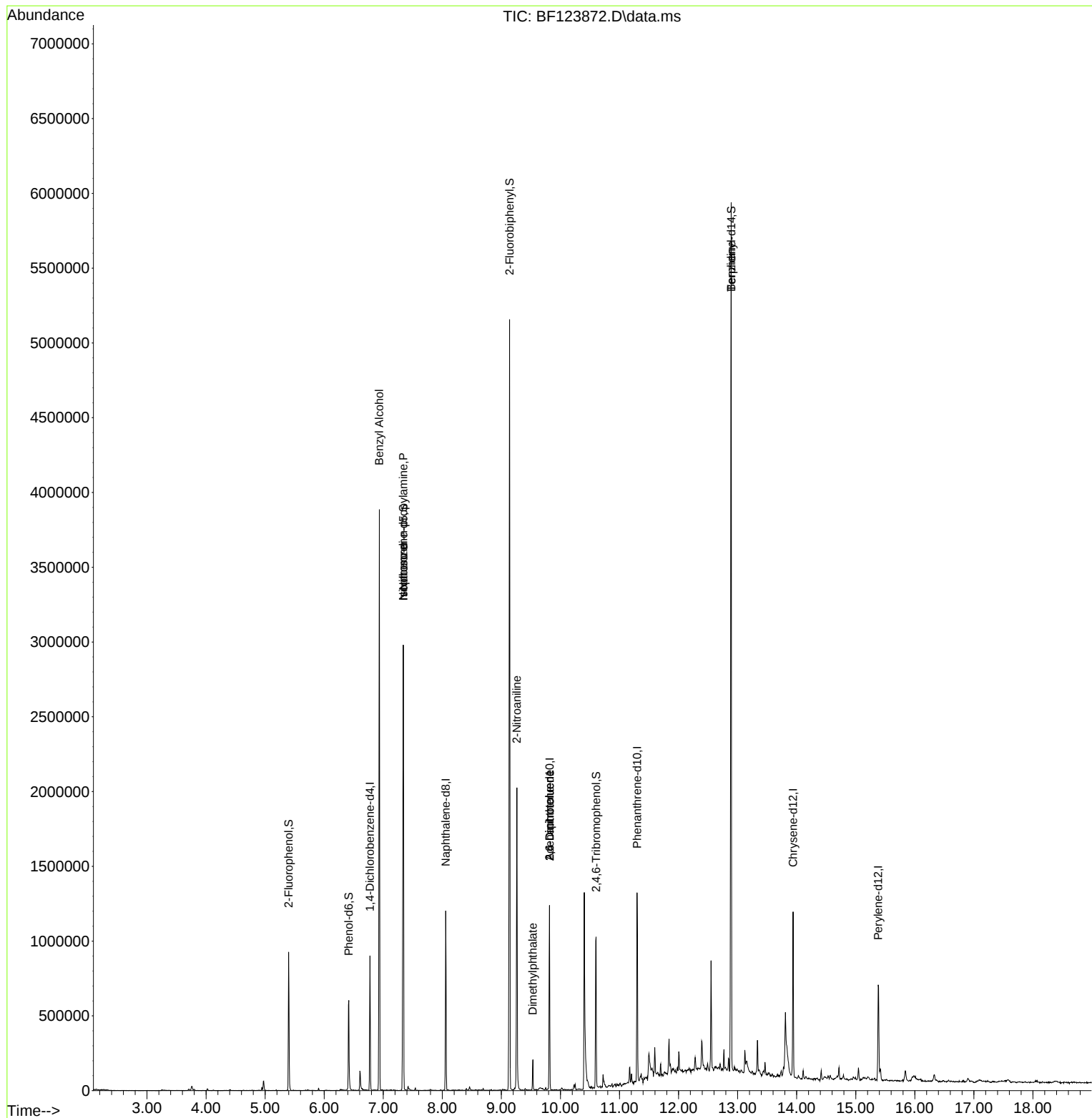
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.775	152	105828	20.00	ng	0.00
21) Naphthalene-d8	8.057	136	446279	20.00	ng	0.00
39) Acenaphthene-d10	9.816	164	221270	20.00	ng	0.00
64) Phenanthrene-d10	11.298	188	417267	20.00	ng	0.00
76) Chrysene-d12	13.939	240	347384	20.00	ng	0.00
86) Perylene-d12	15.380	264	298759	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	189101	28.31	ng	0.00
7) Phenol-d6	6.416	99	163927	17.81	ng	-0.01
23) Nitrobenzene-d5	7.340	82	946490	95.74	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	127160	46.16	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	1483330	97.63	ng	0.00
79) Terphenyl-d14	12.892	244	1933090	107.16	ng	0.00
Target Compounds						
						Qvalue
15) Benzyl Alcohol	6.934	79	15317	2.12	ng	# 59
19) n-Nitroso-di-n-propyla...	7.340	70	136790	24.07	ng	# 76
25) Isophorone	7.340	82	944535	50.96	ng	# 69
48) 2-Nitroaniline	9.263	65	20713	3.44	ng	# 19
50) Dimethylphthalate	9.533	163	57322	3.68	ng	# 98
51) 2,6-Dinitrotoluene	9.816	165	27475	7.63	ng	# 12
57) 2,4-Dinitrotoluene	9.816	165	27475	5.59	ng	# 18
77) Benzidine	12.892	184	28460	3.16	ng	# 98

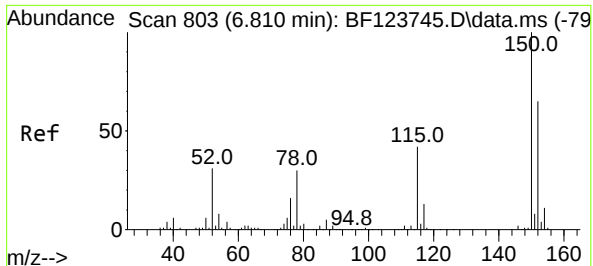
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050721\
Data File : BF123872.D
Acq On : 7 May 2021 18:23
Operator : JU/CG
Sample : M2307-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-18

Quant Time: May 08 00:31:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 07 13:43:24 2021
Response via : Initial Calibration

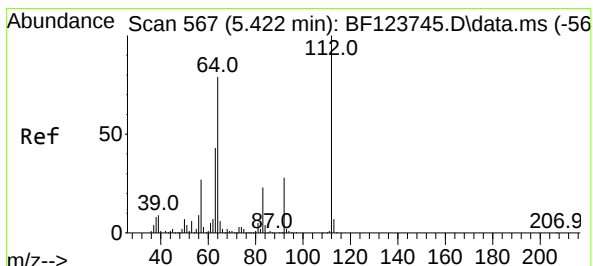
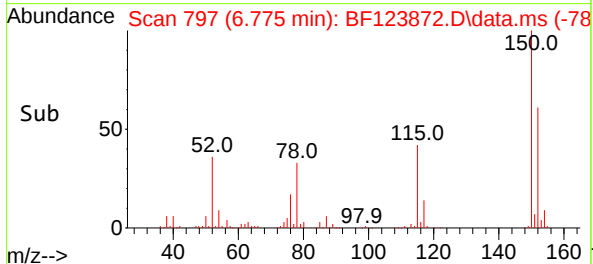
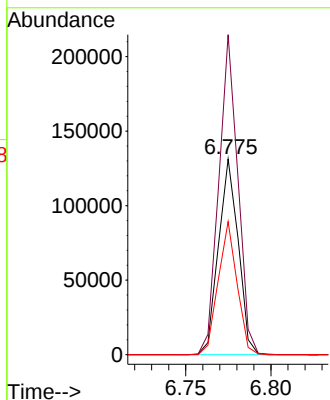
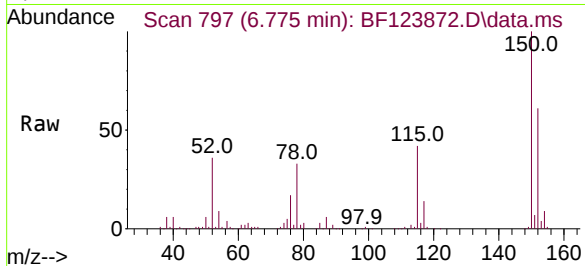




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.775 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF123872.D
Acq: 7 May 2021 18:23

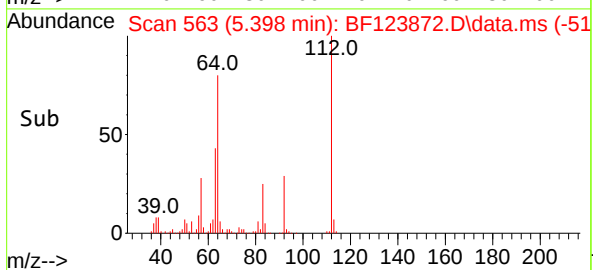
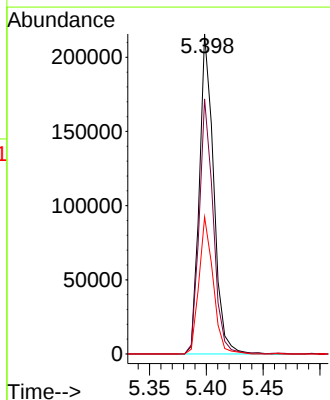
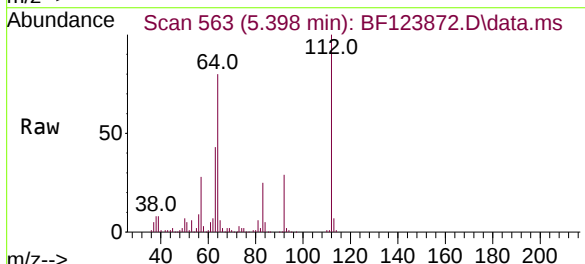
Instrument :
BNA_F
ClientSampleId :
MW-18

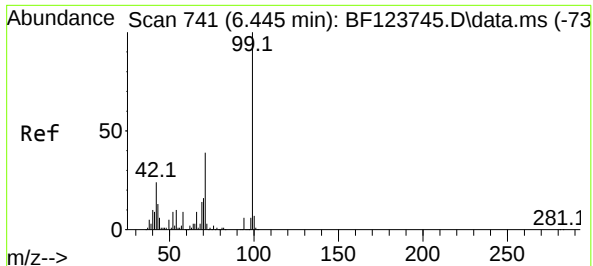
Tgt Ion:152 Resp: 105828
Ion Ratio Lower Upper
152 100
150 163.5 127.0 190.6
115 68.0 54.3 81.5



#5
2-Fluorophenol
Concen: 28.31 ng
RT: 5.398 min Scan# 563
Delta R.T. 0.000 min
Lab File: BF123872.D
Acq: 7 May 2021 18:23

Tgt Ion:112 Resp: 189101
Ion Ratio Lower Upper
112 100
64 79.7 61.4 92.0
63 42.8 33.0 49.4

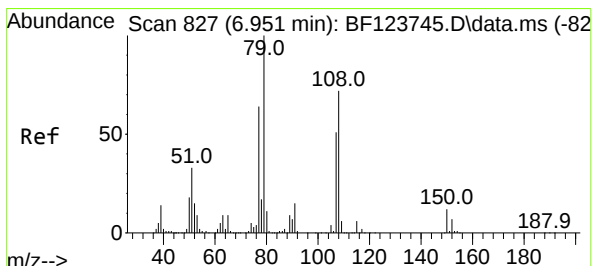
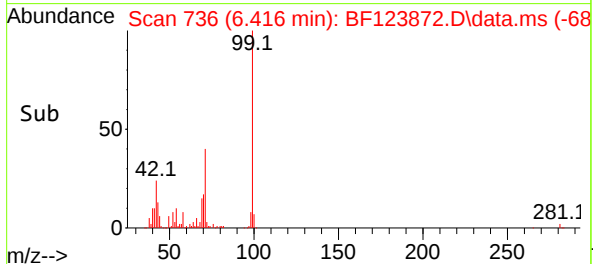
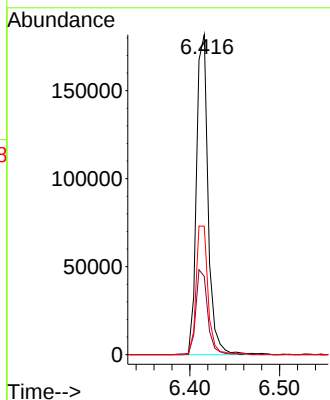
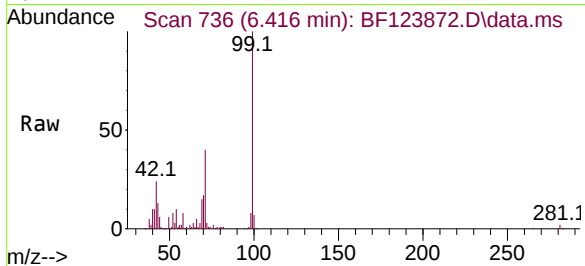




#7
Phenol-d6
Concen: 17.81 ng
RT: 6.416 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF123872.D
Acq: 7 May 2021 18:23

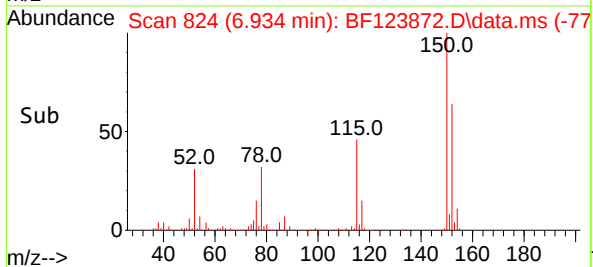
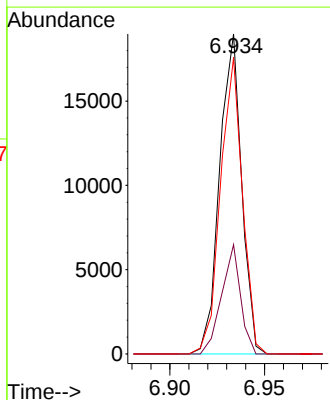
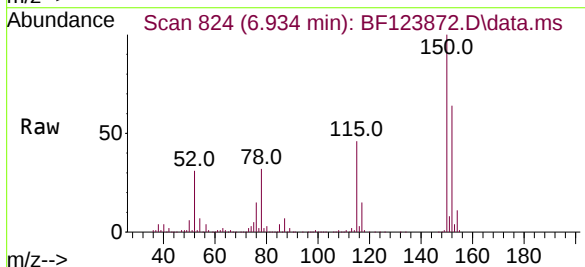
Instrument :
BNA_F
ClientSampleId :
MW-18

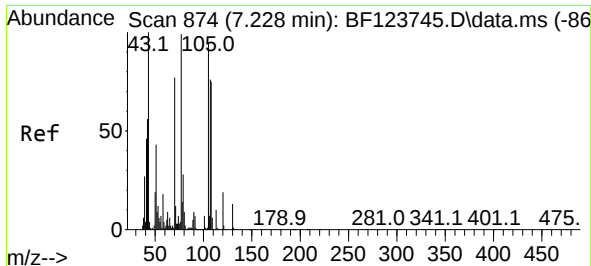
Tgt Ion: 99 Resp: 163927
Ion Ratio Lower Upper
99 100
42 24.5 19.8 29.8
71 40.1 31.1 46.7



#15
Benzyl Alcohol
Concen: 2.12 ng
RT: 6.934 min Scan# 824
Delta R.T. 0.006 min
Lab File: BF123872.D
Acq: 7 May 2021 18:23

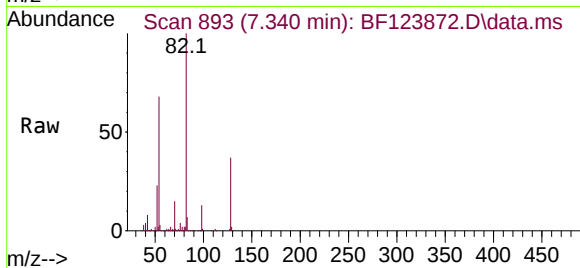
Tgt Ion: 79 Resp: 15317
Ion Ratio Lower Upper
79 100
108 34.1 55.8 83.8#
77 92.7 49.9 74.9#





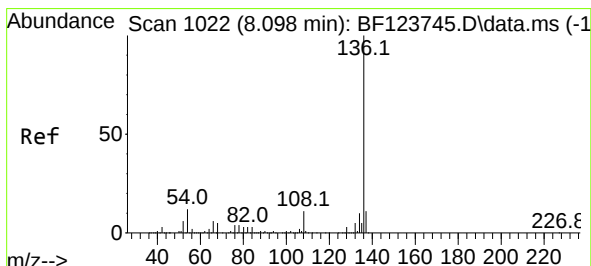
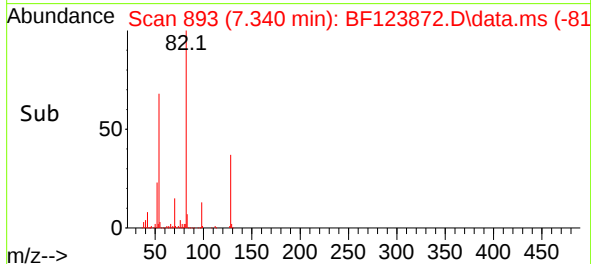
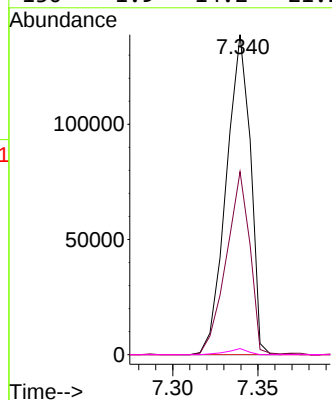
#19
n-Nitroso-di-n-propylamine
Concen: 24.07 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.141 min
Lab File: BF123872.D
Acq: 7 May 2021 18:23

Instrument :
BNA_F
ClientSampleId :
MW-18



Tgt Ion: 70 Resp: 136790

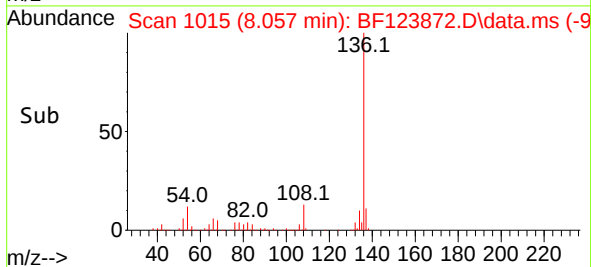
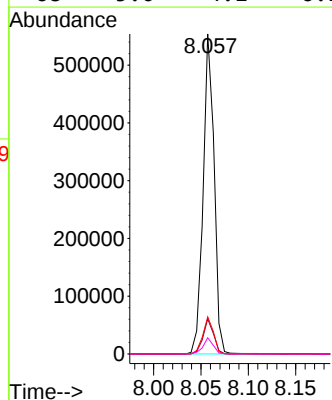
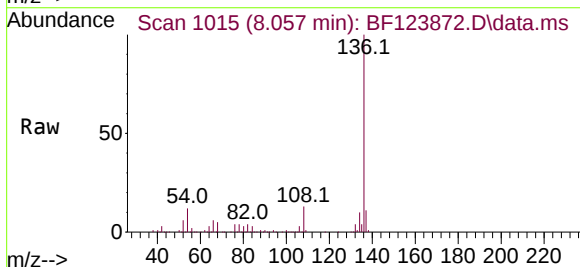
Ion	Ratio	Lower	Upper
70	100		
42	57.2	60.1	90.1#
101	0.0	7.4	11.2#
130	1.9	14.2	21.2#

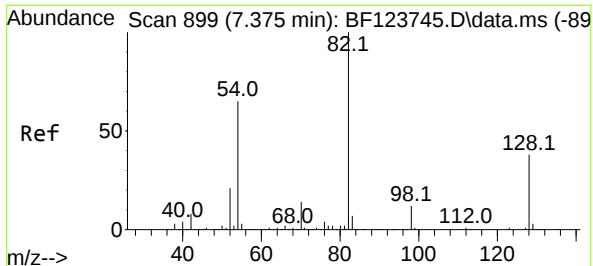


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF123872.D
Acq: 7 May 2021 18:23

Tgt Ion: 136 Resp: 446279

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	11.6	9.8	14.6
68	5.0	4.1	6.1





#23

Nitrobenzene-d5

Concen: 95.74 ng

RT: 7.340 min Scan# 893

Delta R.T. -0.006 min

Lab File: BF123872.D

Acq: 7 May 2021 18:23

Tgt Ion: 82 Resp: 946490

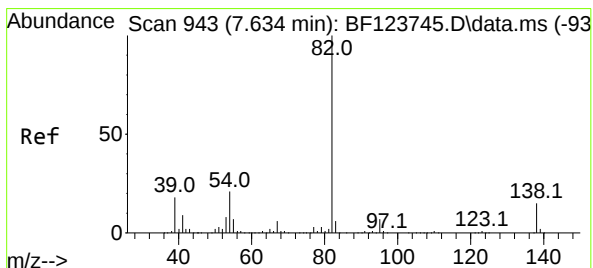
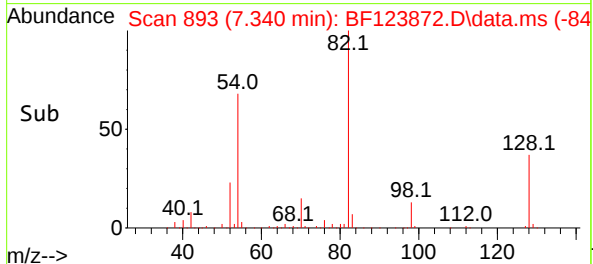
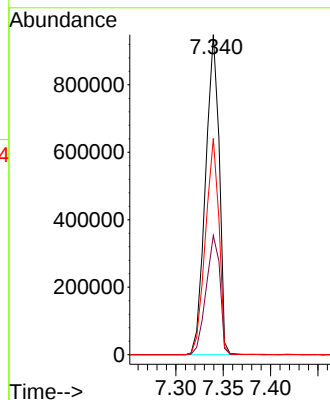
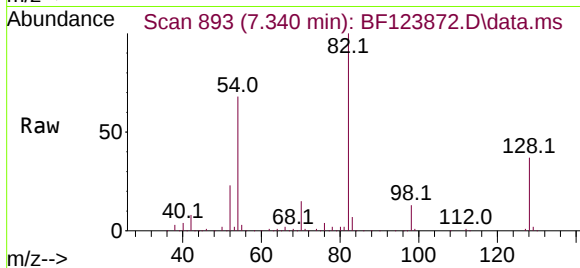
Ion	Ratio	Lower	Upper
82	100		
128	37.3	29.4	44.2
54	67.6	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

MW-18



#25

Isophorone

Concen: 50.96 ng

RT: 7.340 min Scan# 893

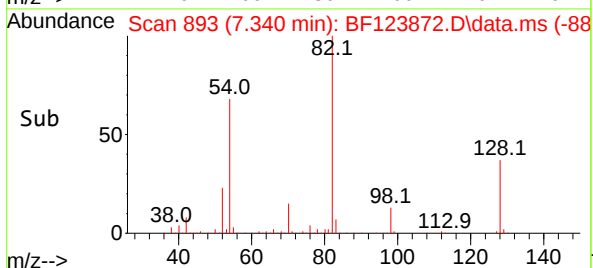
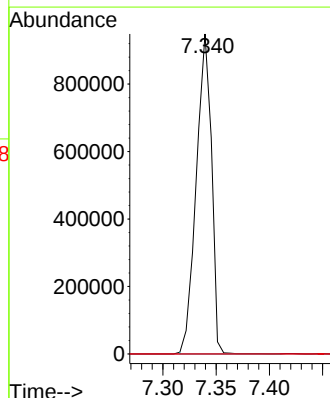
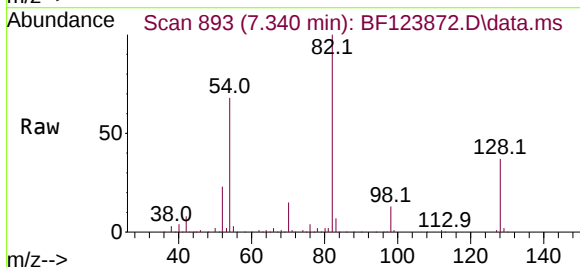
Delta R.T. -0.270 min

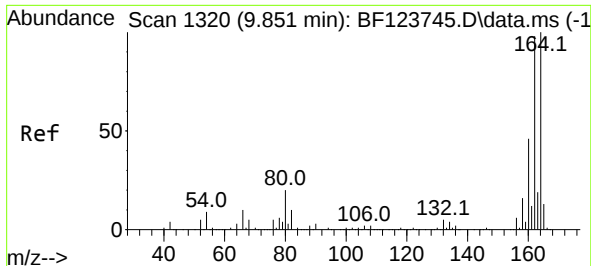
Lab File: BF123872.D

Acq: 7 May 2021 18:23

Tgt Ion: 82 Resp: 944535

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: 9.816 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF123872.D

Acq: 7 May 2021 18:23

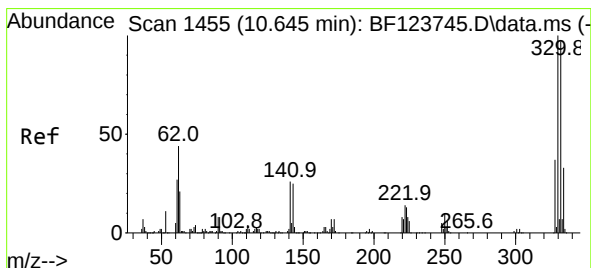
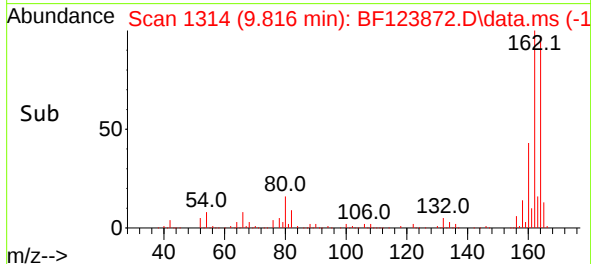
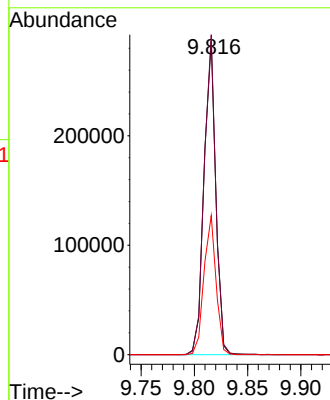
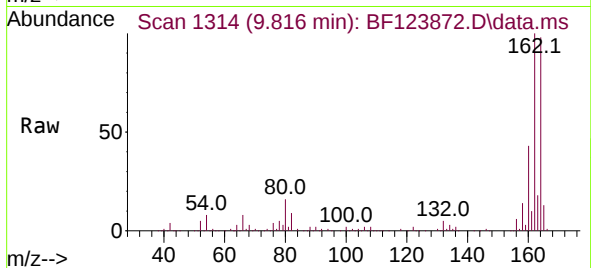
Tgt Ion:164 Resp: 221270

Ion Ratio Lower Upper

164 100

162 102.1 80.7 121.1

160 44.4 37.3 55.9



#42

2,4,6-Tribromophenol

Concen: 46.16 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.006 min

Lab File: BF123872.D

Acq: 7 May 2021 18:23

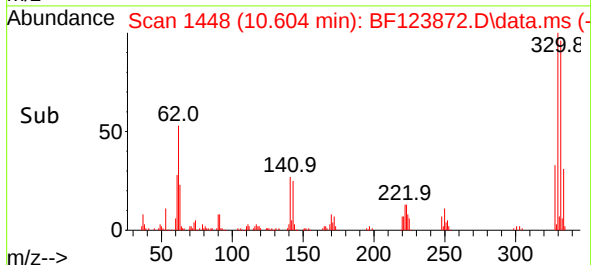
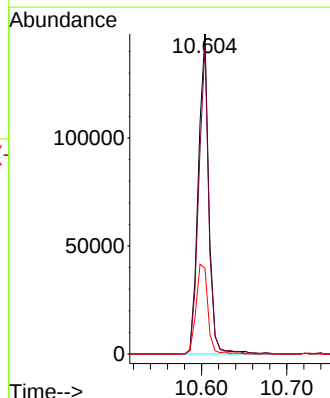
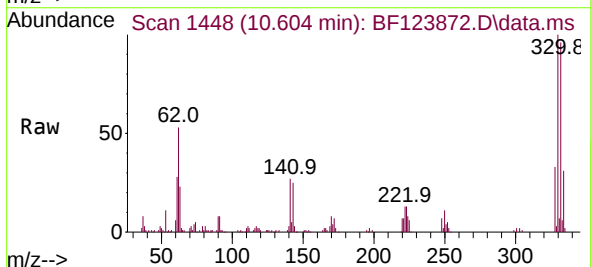
Tgt Ion:330 Resp: 127160

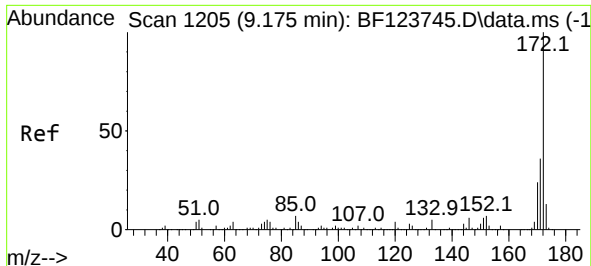
Ion Ratio Lower Upper

330 100

332 92.1 77.1 115.7

141 31.3 27.9 41.9

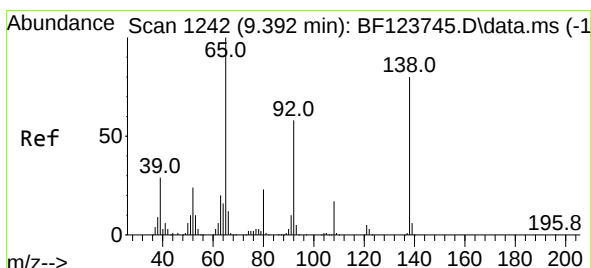
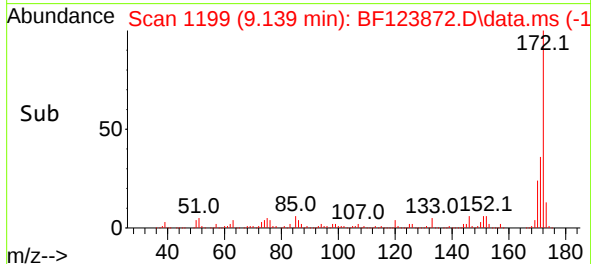
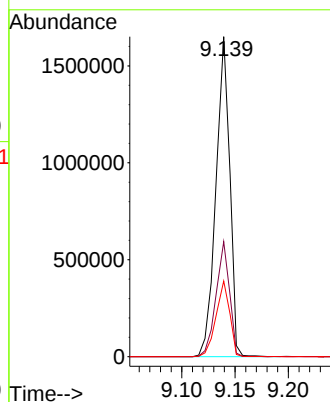
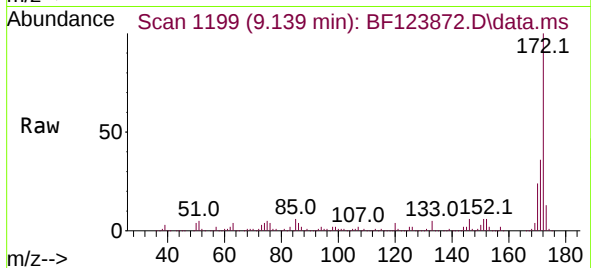




#45
2-Fluorobiphenyl
Concen: 97.63 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF123872.D
Acq: 7 May 2021 18:23

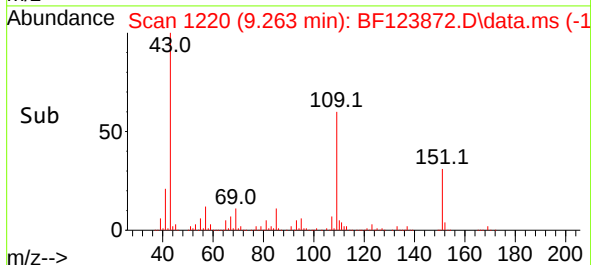
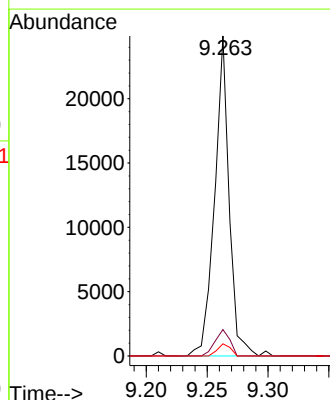
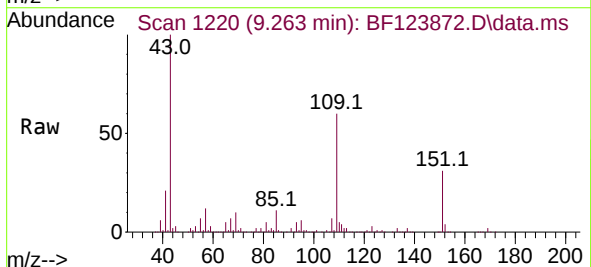
Instrument :
BNA_F
ClientSampleId :
MW-18

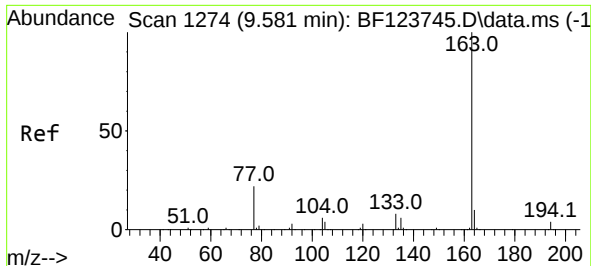
Tgt Ion:172 Resp: 1483330
Ion Ratio Lower Upper
172 100
171 36.0 28.1 42.1
170 23.7 19.2 28.8



#48
2-Nitroaniline
Concen: 3.44 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.106 min
Lab File: BF123872.D
Acq: 7 May 2021 18:23

Tgt Ion: 65 Resp: 20713
Ion Ratio Lower Upper
65 100
92 8.2 47.1 70.7#
138 3.8 70.2 105.2#

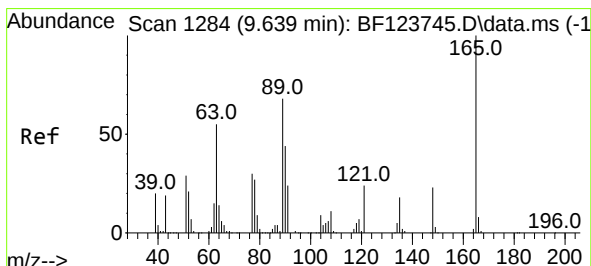
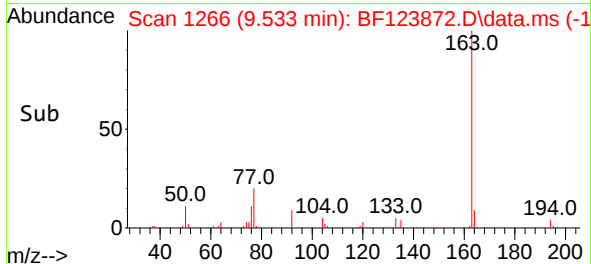
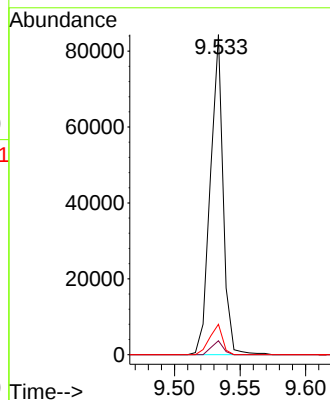
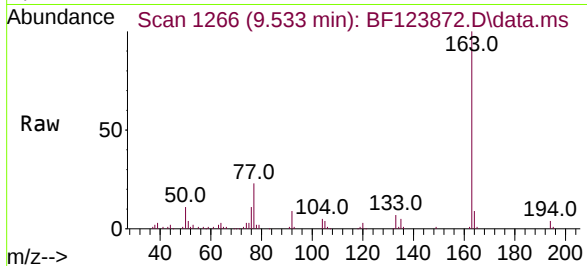




#50
Dimethylphthalate
Concen: 3.68 ng
RT: 9.533 min Scan# 1266
Delta R.T. -0.018 min
Lab File: BF123872.D
Acq: 7 May 2021 18:23

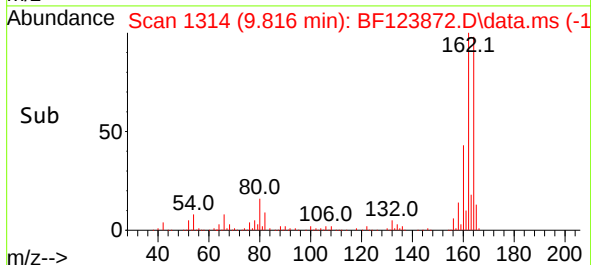
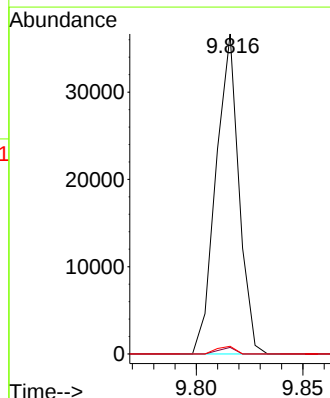
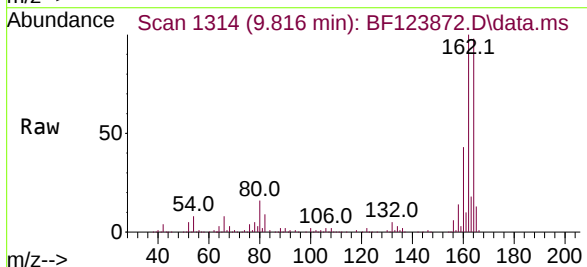
Instrument :
BNA_F
ClientSampleId :
MW-18

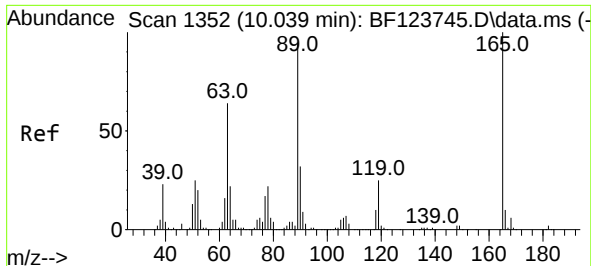
Tgt Ion:163 Resp: 57322
Ion Ratio Lower Upper
163 100
194 4.4 3.1 4.7
164 9.5 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 7.63 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.206 min
Lab File: BF123872.D
Acq: 7 May 2021 18:23

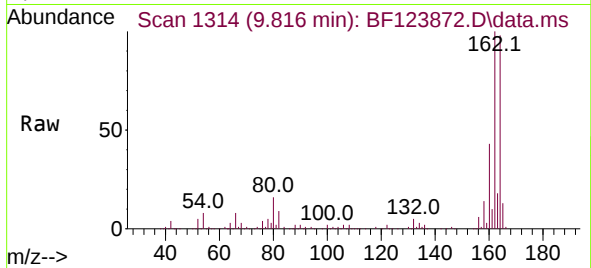
Tgt Ion:165 Resp: 27475
Ion Ratio Lower Upper
165 100
63 2.0 67.7 101.5#
89 2.4 58.8 88.2#



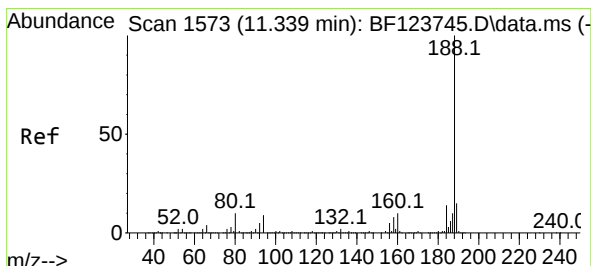
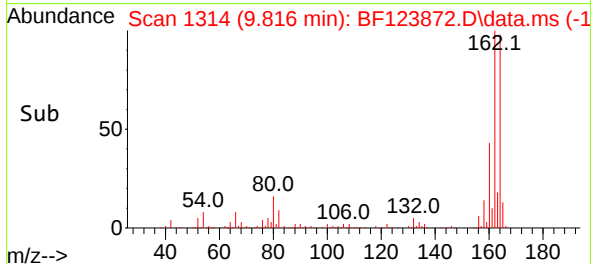
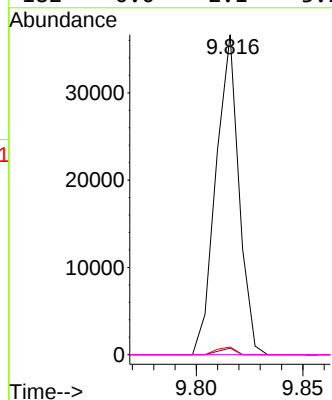


#57
2,4-Dinitrotoluene
Concen: 5.59 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.200 min
Lab File: BF123872.D
Acq: 7 May 2021 18:23

Instrument :
BNA_F
ClientSampleId :
MW-18

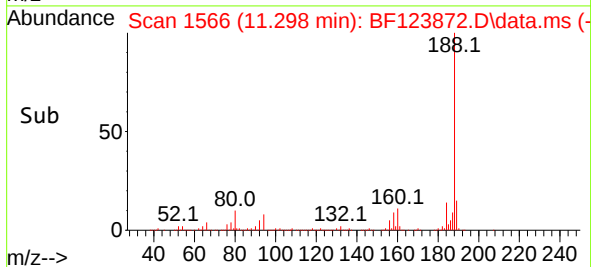
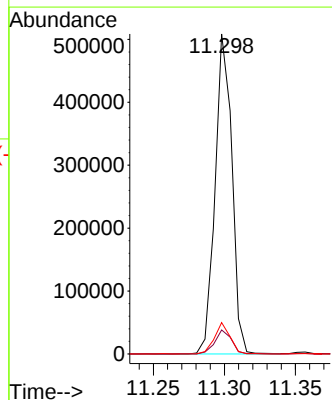
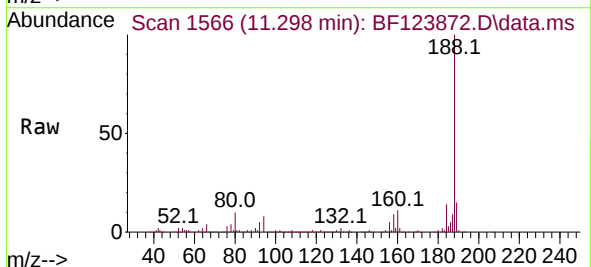


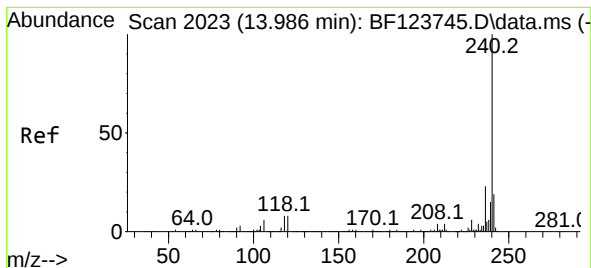
Tgt Ion:165 Resp: 27475
Ion Ratio Lower Upper
165 100
63 2.0 43.5 65.3#
89 2.4 67.7 101.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.298 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF123872.D
Acq: 7 May 2021 18:23

Tgt Ion:188 Resp: 417267
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 9.8 8.2 12.2

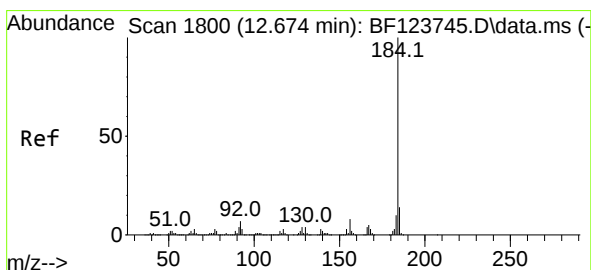
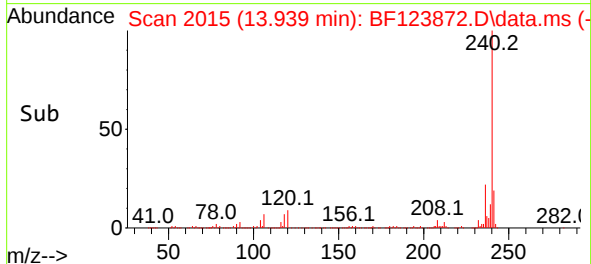
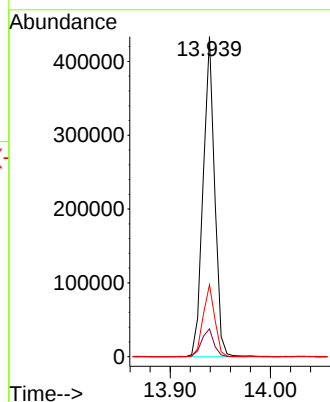
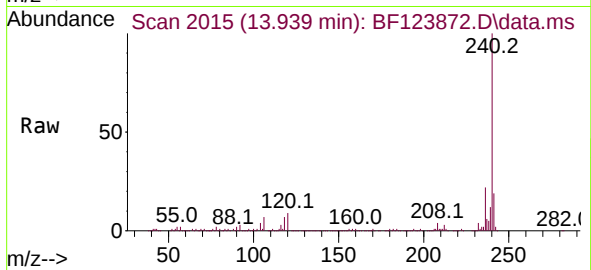




#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF123872.D
Acq: 7 May 2021 18:23

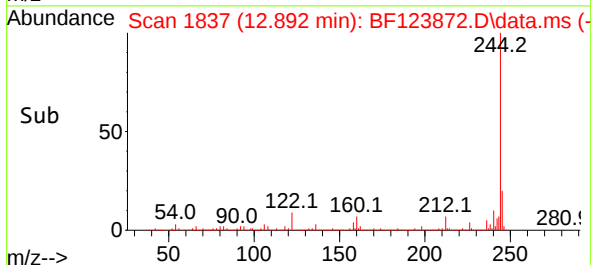
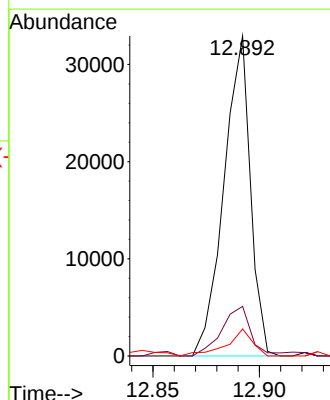
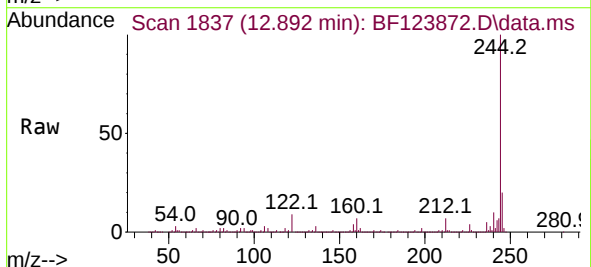
Instrument :
BNA_F
ClientSampled :
MW-18

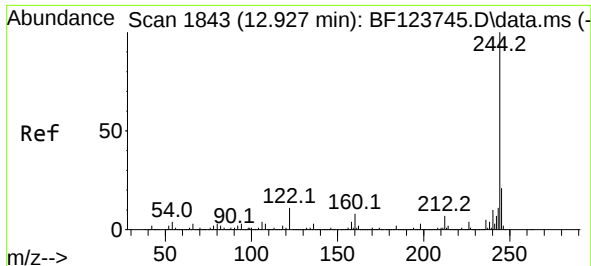
Tgt Ion:240 Resp: 347384
Ion Ratio Lower Upper
240 100
120 8.7 7.2 10.8
236 22.5 19.0 28.4



#77
Benzidine
Concen: 3.16 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.253 min
Lab File: BF123872.D
Acq: 7 May 2021 18:23

Tgt Ion:184 Resp: 28460
Ion Ratio Lower Upper
184 100
185 15.5 12.1 18.1
183 8.5 7.8 11.8

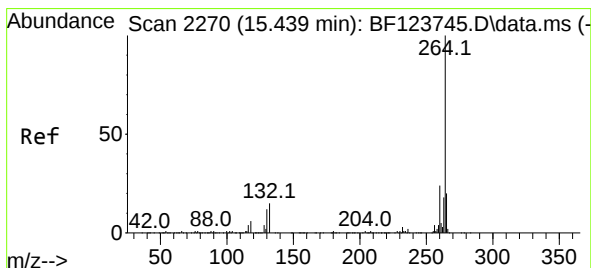
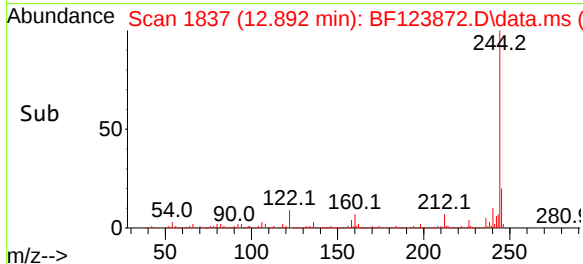
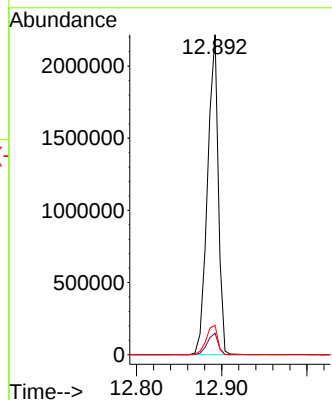
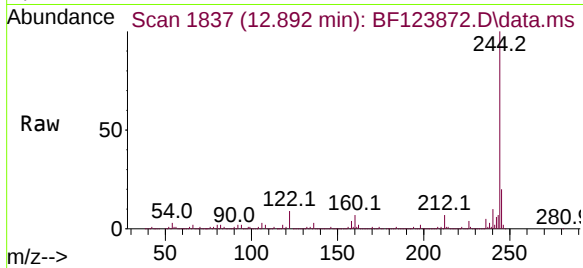




#79
Terphenyl-d14
Concen: 107.16 ng
RT: 12.892 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BF123872.D
Acq: 7 May 2021 18:23

Instrument :
BNA_F
ClientSampleId :
MW-18

Tgt Ion:244 Resp: 1933090
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 9.2 9.7 14.5#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.380 min Scan# 2260
Delta R.T. -0.006 min
Lab File: BF123872.D
Acq: 7 May 2021 18:23

Tgt Ion:264 Resp: 298759
Ion Ratio Lower Upper
264 100
260 22.8 18.7 28.1
265 21.0 17.8 26.8

