

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
 Data File : BF128803.D
 Acq On : 14 Jun 2022 16:45
 Operator : CG\JU
 Sample : N3304-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-10-G

Quant Time: Jun 15 01:01:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

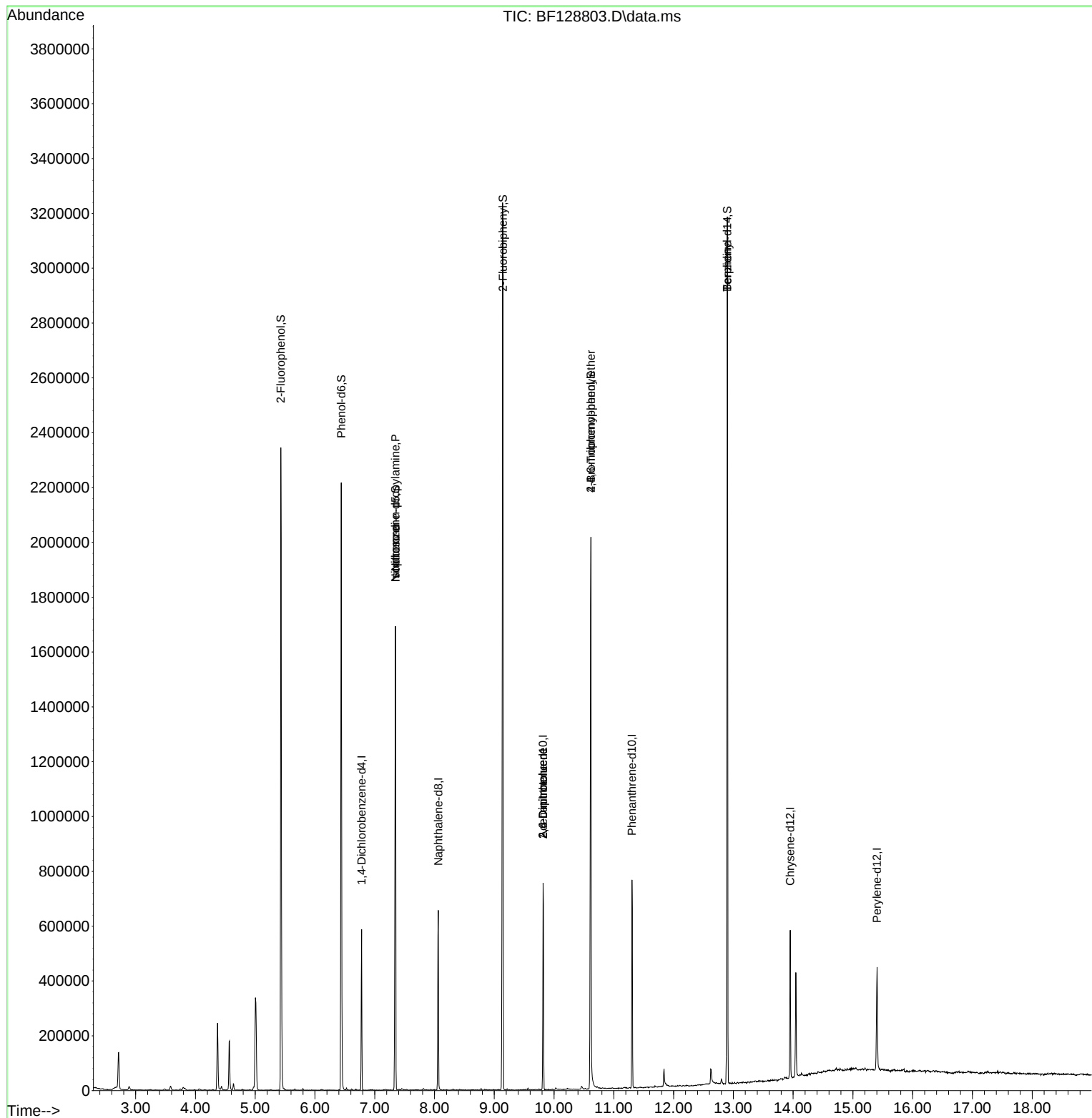
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	72513	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	272788	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	151905	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	268477	20.000	ng	-0.01
76) Chrysene-d12	13.951	240	168718	20.000	ng	#-0.01
86) Perylene-d12	15.404	264	156733	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	580024	127.409	ng	0.01
7) Phenol-d6	6.440	99	661858	119.102	ng	0.00
23) Nitrobenzene-d5	7.346	82	567235	96.814	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	256746	143.047	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1097044	101.165	ng	0.00
79) Terphenyl-d14	12.898	244	1095733	112.850	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.346	70	78992	22.862	ng	# 79
25) Isophorone	7.346	82	567228	63.744	ng	# 65
51) 2,6-Dinitrotoluene	9.816	165	19911	9.702	ng	# 26
57) 2,4-Dinitrotoluene	9.816	165	19911	7.270	ng	# 22
67) 4-Bromophenyl-phenylether	10.616	248	16763	5.599	ng	# 1
77) Benzidine	12.898	184	16149	4.802	ng	# 95

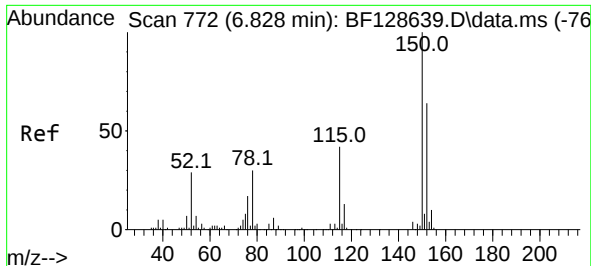
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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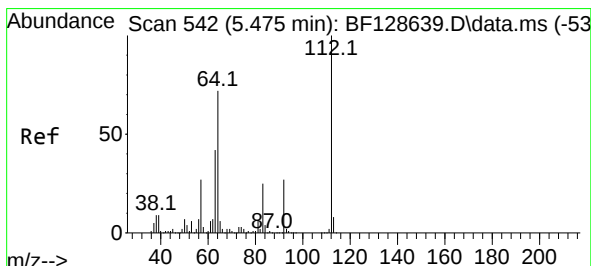
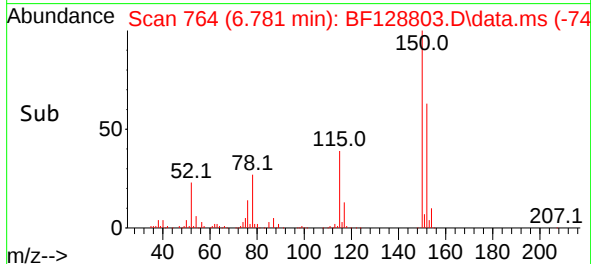
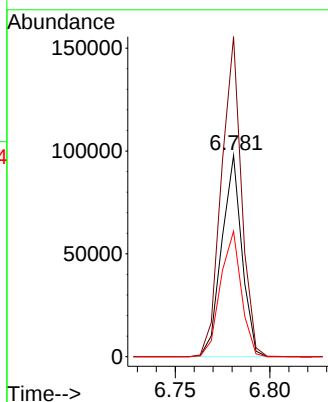
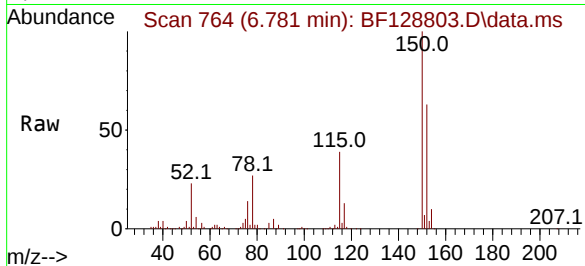




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128803.D
Acq: 14 Jun 2022 16:45

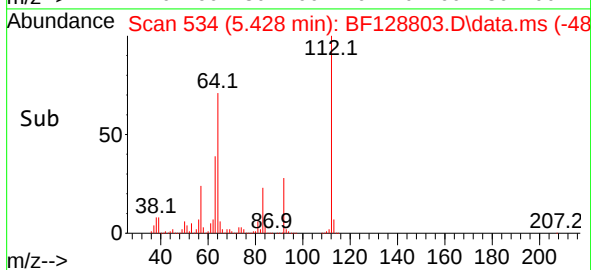
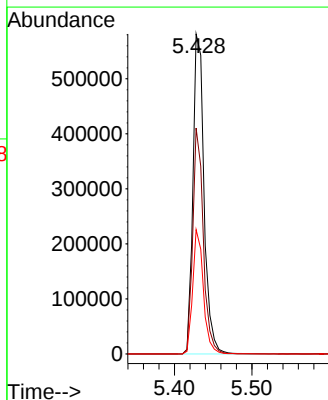
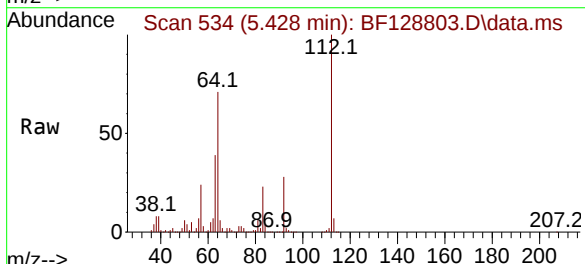
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10-G

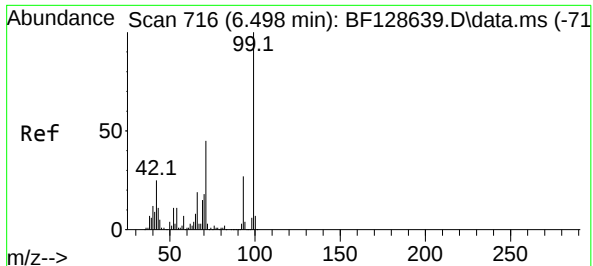
Tgt Ion:152 Resp: 72513
Ion Ratio Lower Upper
152 100
150 159.0 123.7 185.5
115 62.3 49.9 74.9



#5
2-Fluorophenol
Concen: 127.409 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.012 min
Lab File: BF128803.D
Acq: 14 Jun 2022 16:45

Tgt Ion:112 Resp: 580024
Ion Ratio Lower Upper
112 100
64 70.6 53.3 79.9
63 38.9 28.0 42.0

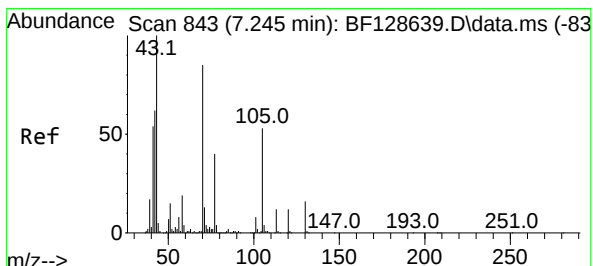
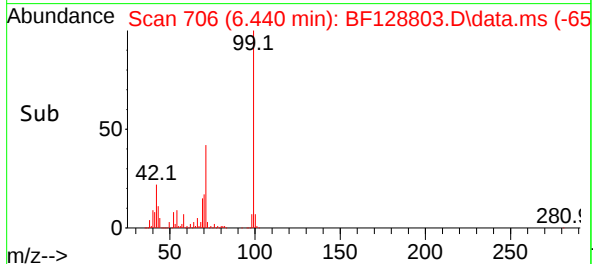
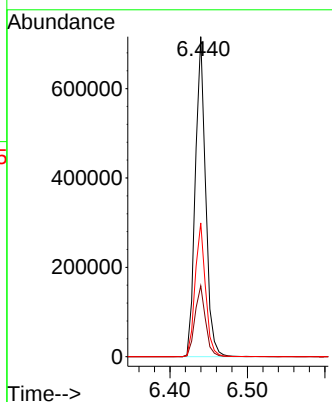
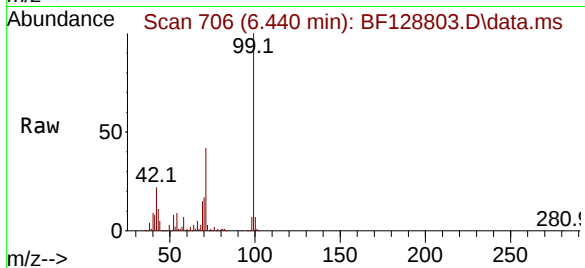




#7
Phenol-d6
Concen: 119.102 ng
RT: 6.440 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF128803.D
Acq: 14 Jun 2022 16:45

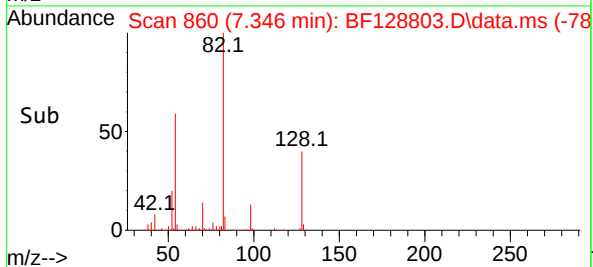
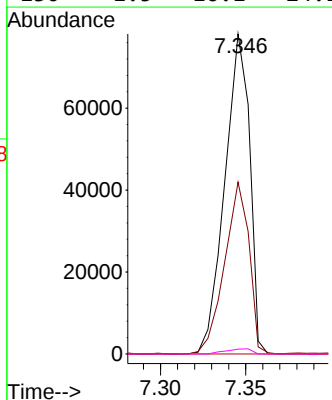
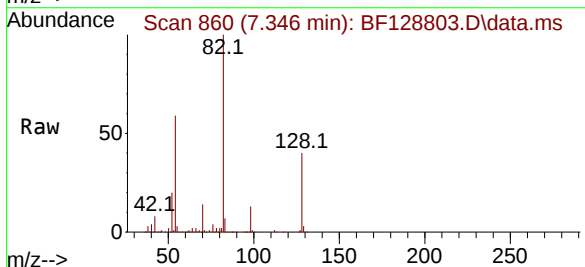
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10-G

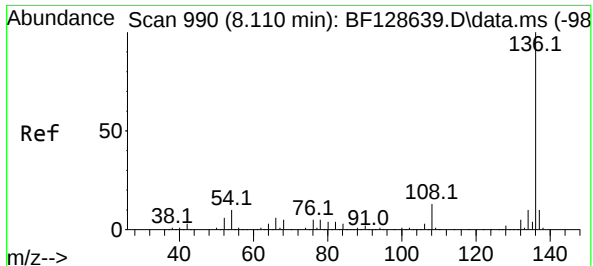
Tgt Ion: 99 Resp: 661858
Ion Ratio Lower Upper
99 100
42 22.1 17.3 25.9
71 41.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 22.862 ng
RT: 7.346 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF128803.D
Acq: 14 Jun 2022 16:45

Tgt Ion: 70 Resp: 78992
Ion Ratio Lower Upper
70 100
42 53.7 52.3 78.5
101 0.0 7.5 11.3#
130 1.5 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128803.D

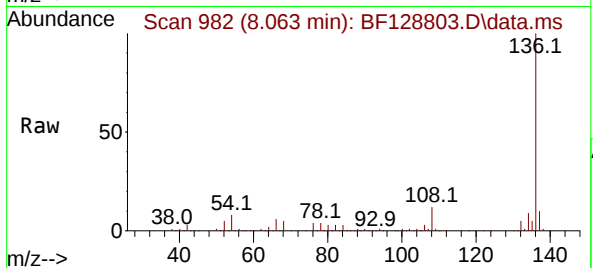
Acq: 14 Jun 2022 16:45

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-10-G



Tgt Ion:136 Resp: 272788

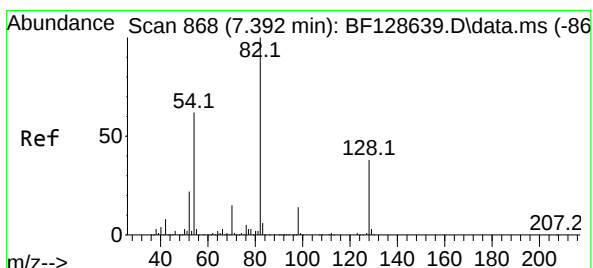
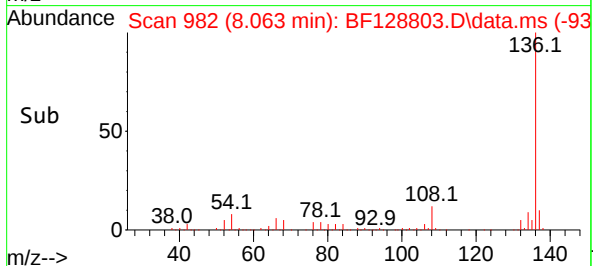
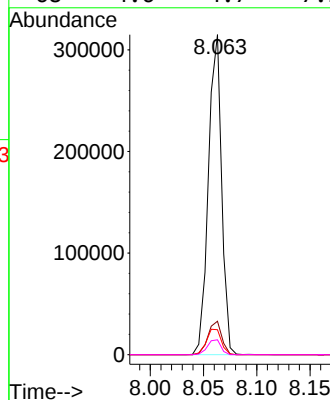
Ion Ratio Lower Upper

136 100

137 10.5 8.8 13.2

54 7.8 7.5 11.3

68 4.6 4.7 7.1#



#23

Nitrobenzene-d5

Concen: 96.814 ng

RT: 7.346 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF128803.D

Acq: 14 Jun 2022 16:45

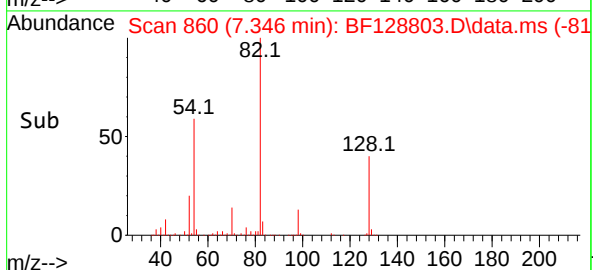
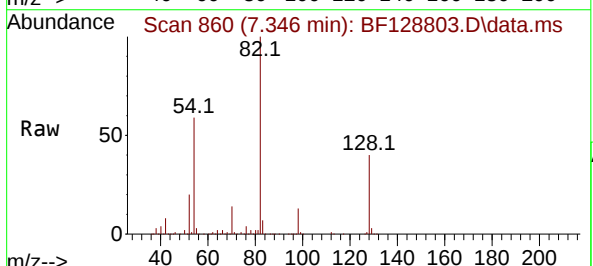
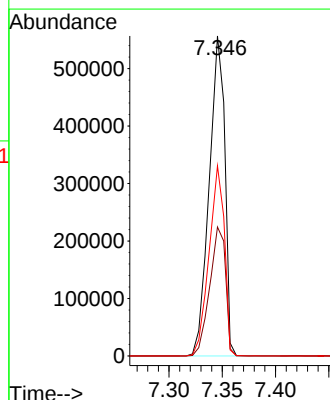
Tgt Ion: 82 Resp: 567235

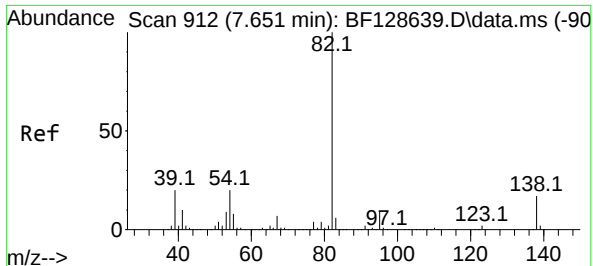
Ion Ratio Lower Upper

82 100

128 40.3 34.0 51.0

54 59.4 46.9 70.3

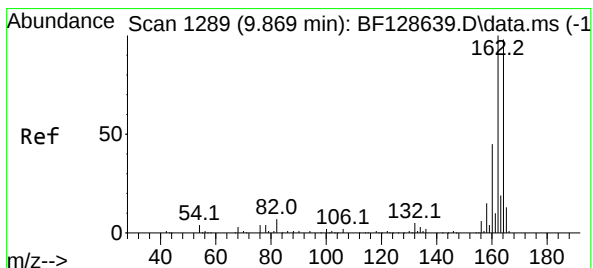
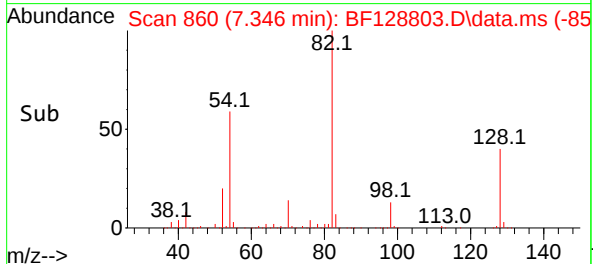
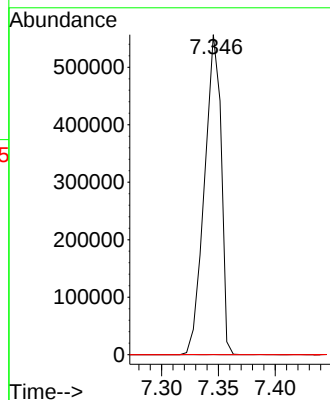
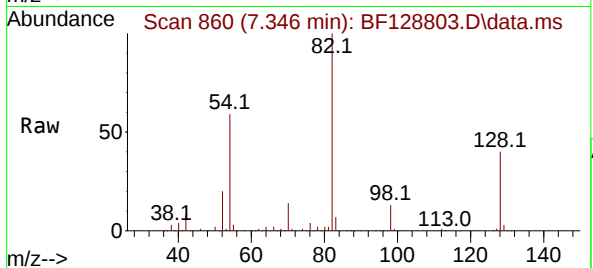




#25
Isophorone
Concen: 63.744 ng
RT: 7.346 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128803.D
Acq: 14 Jun 2022 16:45

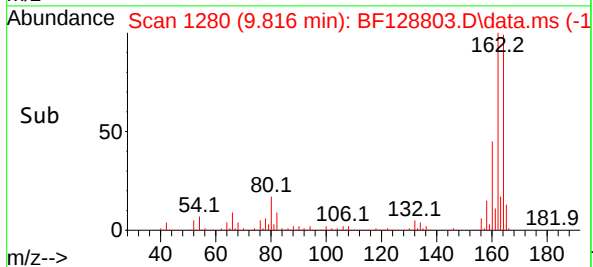
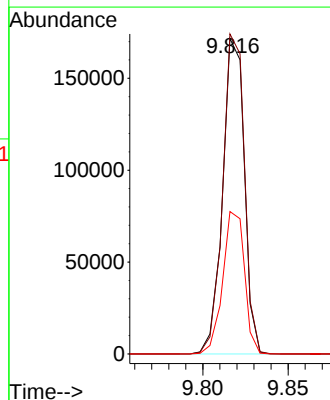
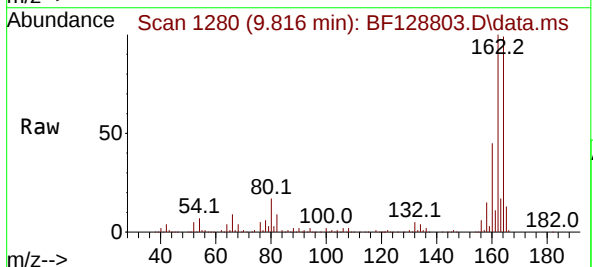
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10-G

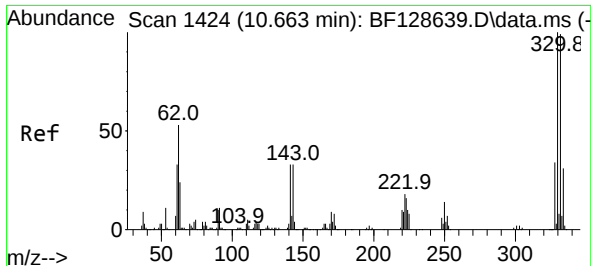
Tgt Ion: 82 Resp: 567228
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF128803.D
Acq: 14 Jun 2022 16:45

Tgt Ion:164 Resp: 151905
Ion Ratio Lower Upper
164 100
162 101.5 79.5 119.3
160 45.2 34.2 51.4

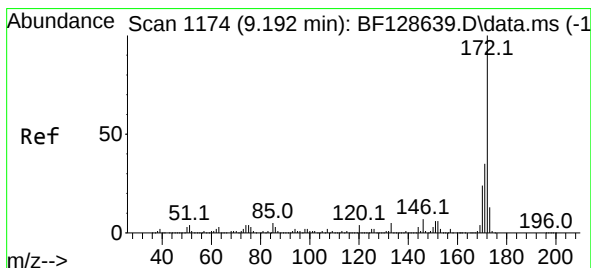
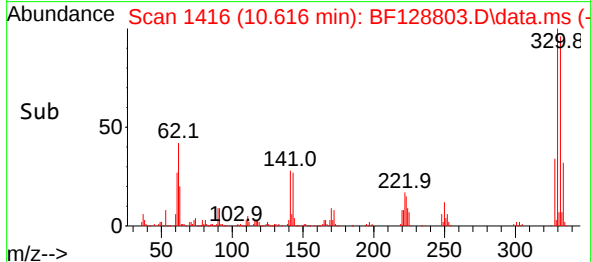
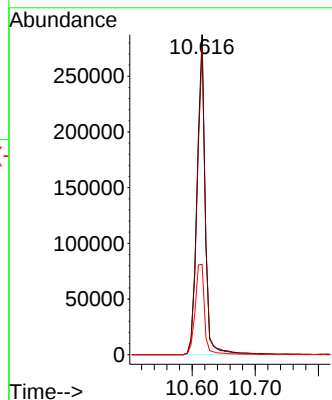
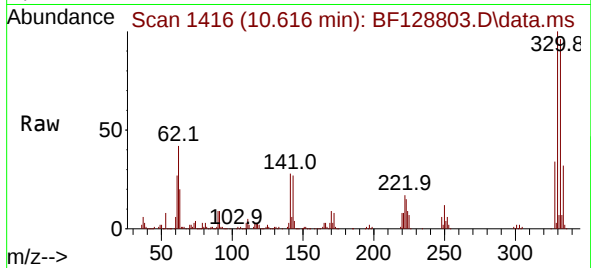




#42
2,4,6-Tribromophenol
Concen: 143.047 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF128803.D
Acq: 14 Jun 2022 16:45

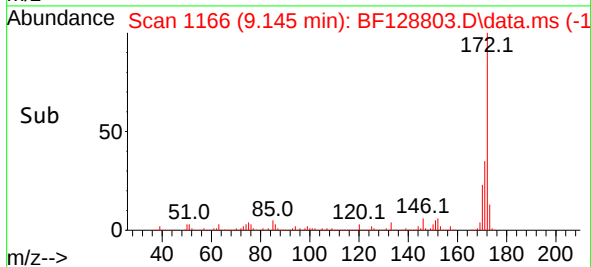
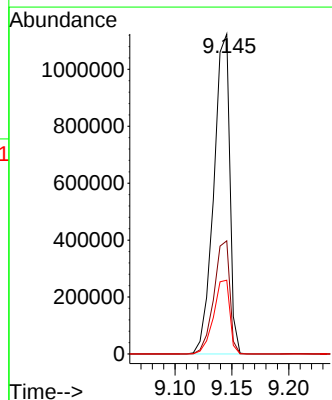
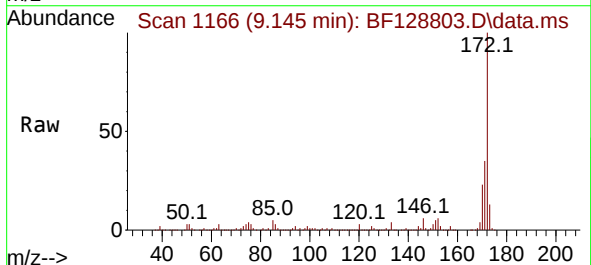
Instrument :
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WC-14A-1A-10-G

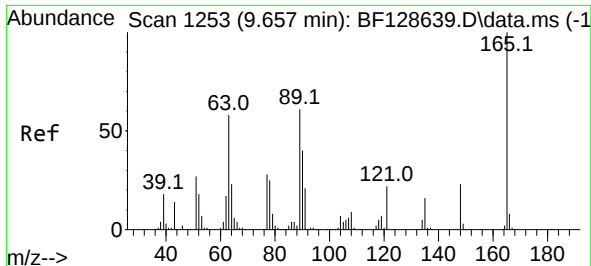
Tgt Ion:330 Resp: 256746
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 33.0 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 101.165 ng
RT: 9.145 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BF128803.D
Acq: 14 Jun 2022 16:45

Tgt Ion:172 Resp: 1097044
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.0 19.8 29.8

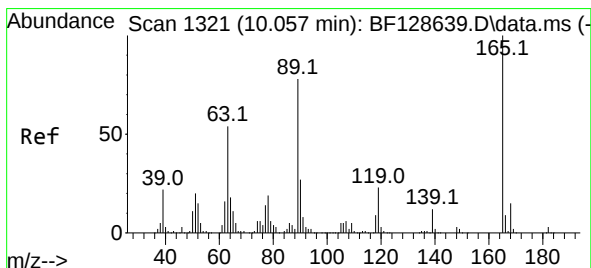
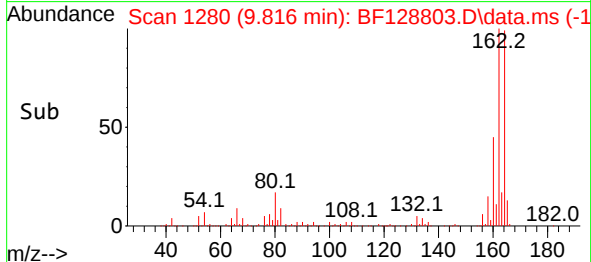
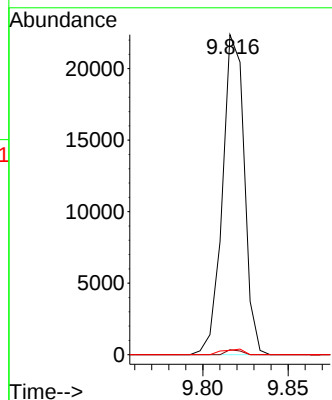
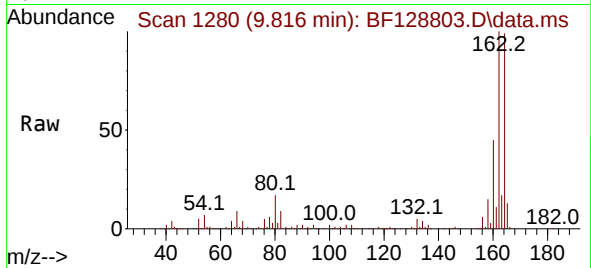




#51
2,6-Dinitrotoluene
Concen: 9.702 ng
RT: 9.816 min Scan# 1280
Delta R.T. 0.200 min
Lab File: BF128803.D
Acq: 14 Jun 2022 16:45

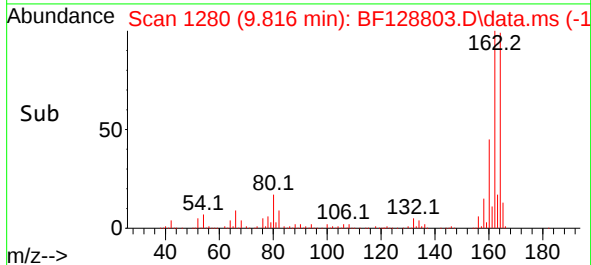
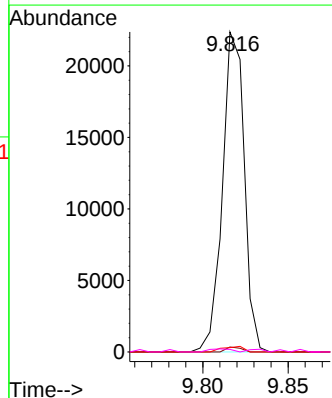
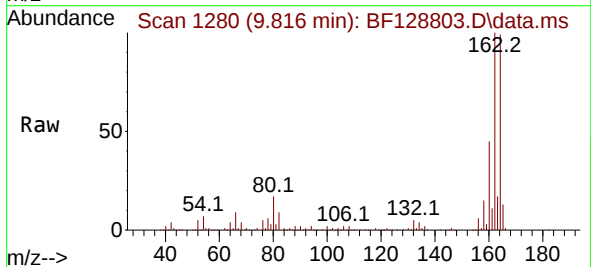
Instrument :
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WC-14A-1A-10-G

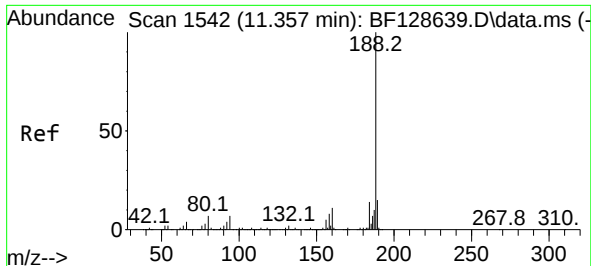
Tgt Ion:165 Resp: 19911
Ion Ratio Lower Upper
165 100
63 1.5 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.270 ng
RT: 9.816 min Scan# 1280
Delta R.T. -0.206 min
Lab File: BF128803.D
Acq: 14 Jun 2022 16:45

Tgt Ion:165 Resp: 19911
Ion Ratio Lower Upper
165 100
63 1.5 39.8 59.6#
89 1.4 60.2 90.2#
182 0.8 2.2 3.2#

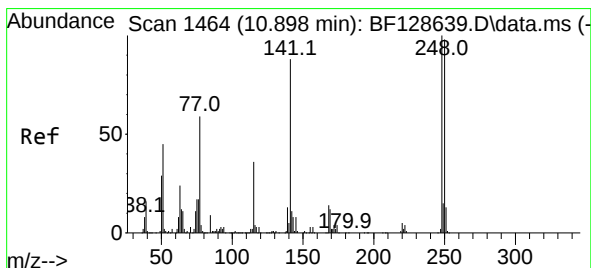
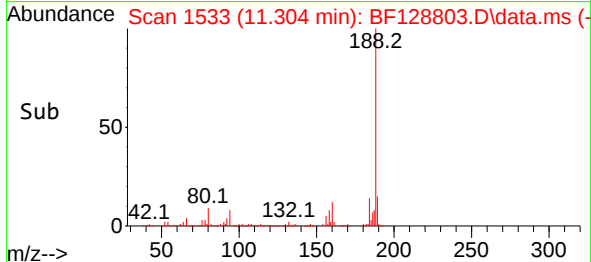
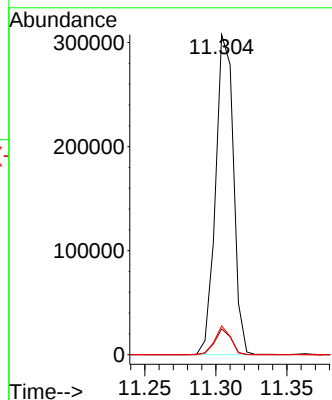
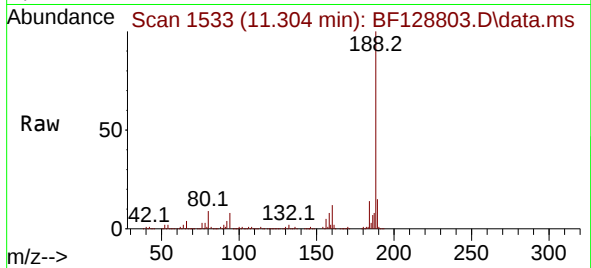




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128803.D
Acq: 14 Jun 2022 16:45

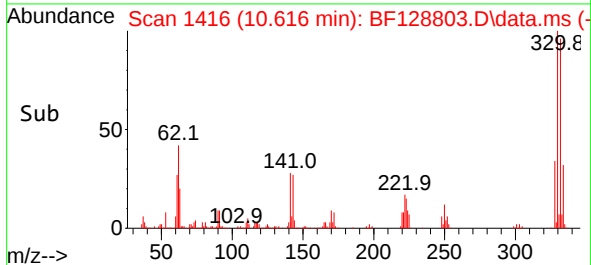
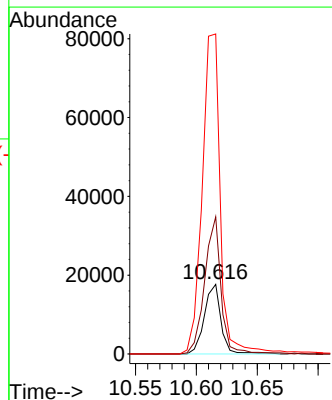
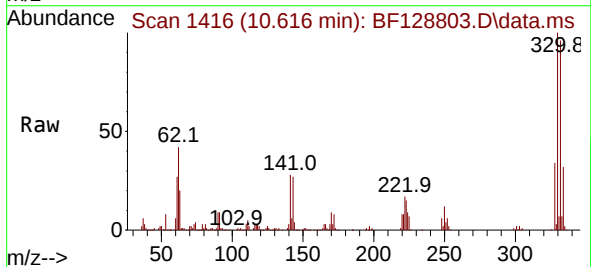
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10-G

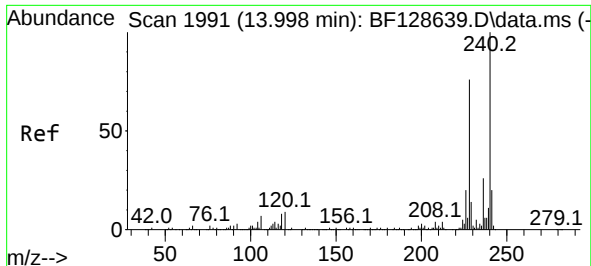
Tgt Ion:188 Resp: 268477
Ion Ratio Lower Upper
188 100
94 8.0 7.0 10.6
80 9.0 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 5.599 ng
RT: 10.616 min Scan# 1416
Delta R.T. -0.241 min
Lab File: BF128803.D
Acq: 14 Jun 2022 16:45

Tgt Ion:248 Resp: 16763
Ion Ratio Lower Upper
248 100
250 196.8 80.6 120.8#
141 459.4 58.9 88.3#

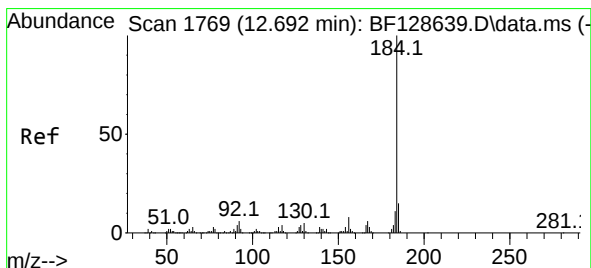
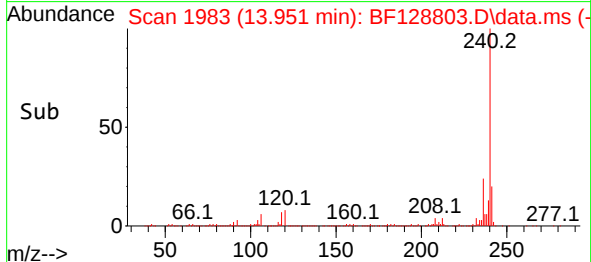
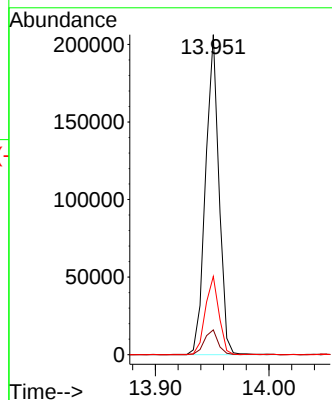
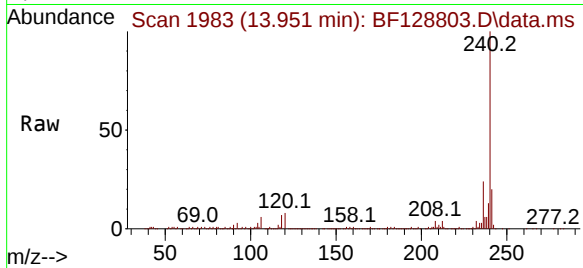




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128803.D
Acq: 14 Jun 2022 16:45

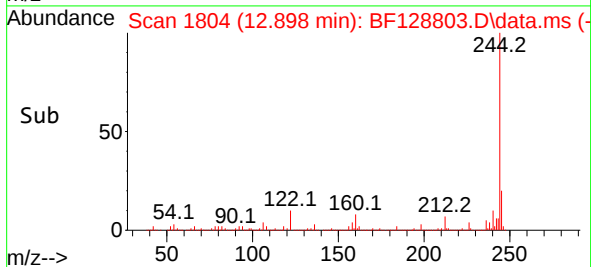
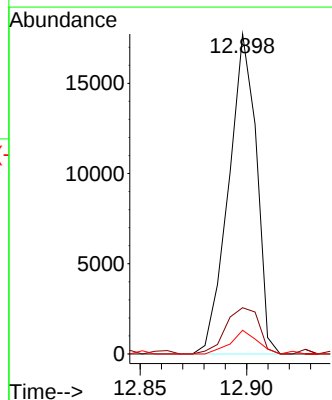
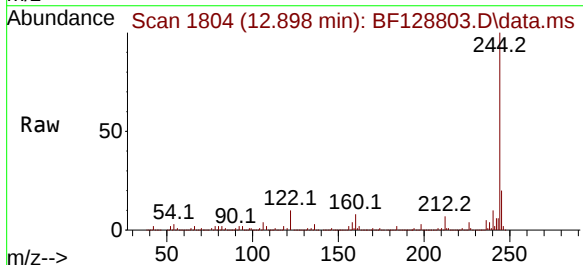
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-10-G

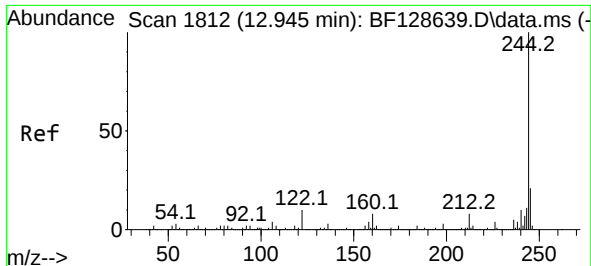
Tgt Ion:240 Resp: 168718
Ion Ratio Lower Upper
240 100
120 7.7 8.9 13.3#
236 24.5 20.8 31.2



#77
Benzidine
Concen: 4.802 ng
RT: 12.898 min Scan# 1804
Delta R.T. 0.247 min
Lab File: BF128803.D
Acq: 14 Jun 2022 16:45

Tgt Ion:184 Resp: 16149
Ion Ratio Lower Upper
184 100
185 14.4 11.9 17.9
183 7.4 9.3 13.9#

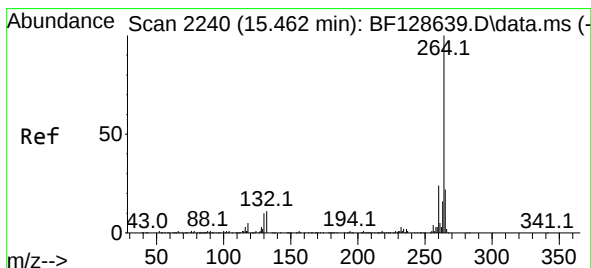
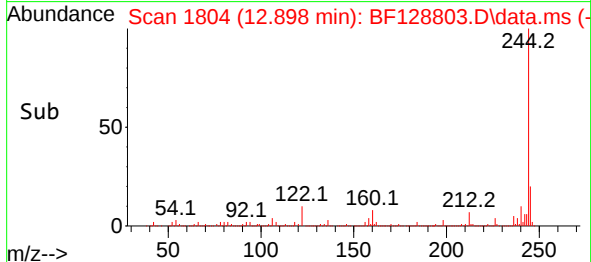
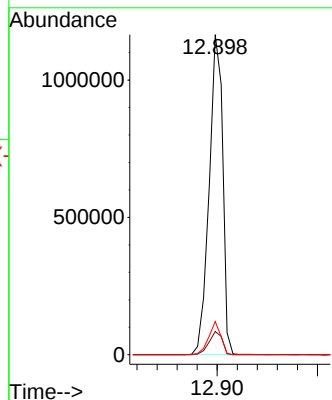
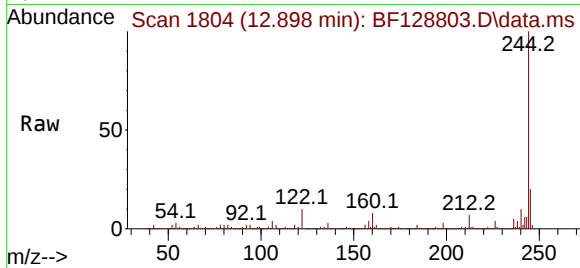




#79
 Terphenyl-d14
 Concen: 112.850 ng
 RT: 12.898 min Scan# 1
 Delta R.T. -0.006 min
 Lab File: BF128803.D
 Acq: 14 Jun 2022 16:45

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-10-G

Tgt Ion:244 Resp: 1095733
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 10.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.404 min Scan# 2230
 Delta R.T. -0.012 min
 Lab File: BF128803.D
 Acq: 14 Jun 2022 16:45

Tgt Ion:264 Resp: 156733
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.4 27.6
 265 21.2 17.2 25.8

