

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052022\
 Data File : BF128389.D
 Acq On : 21 May 2022 03:30
 Operator : CG\JU
 Sample : N2943-13
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-26

Quant Time: May 23 02:41:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 21 05:28:09 2022
 Response via : Initial Calibration

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

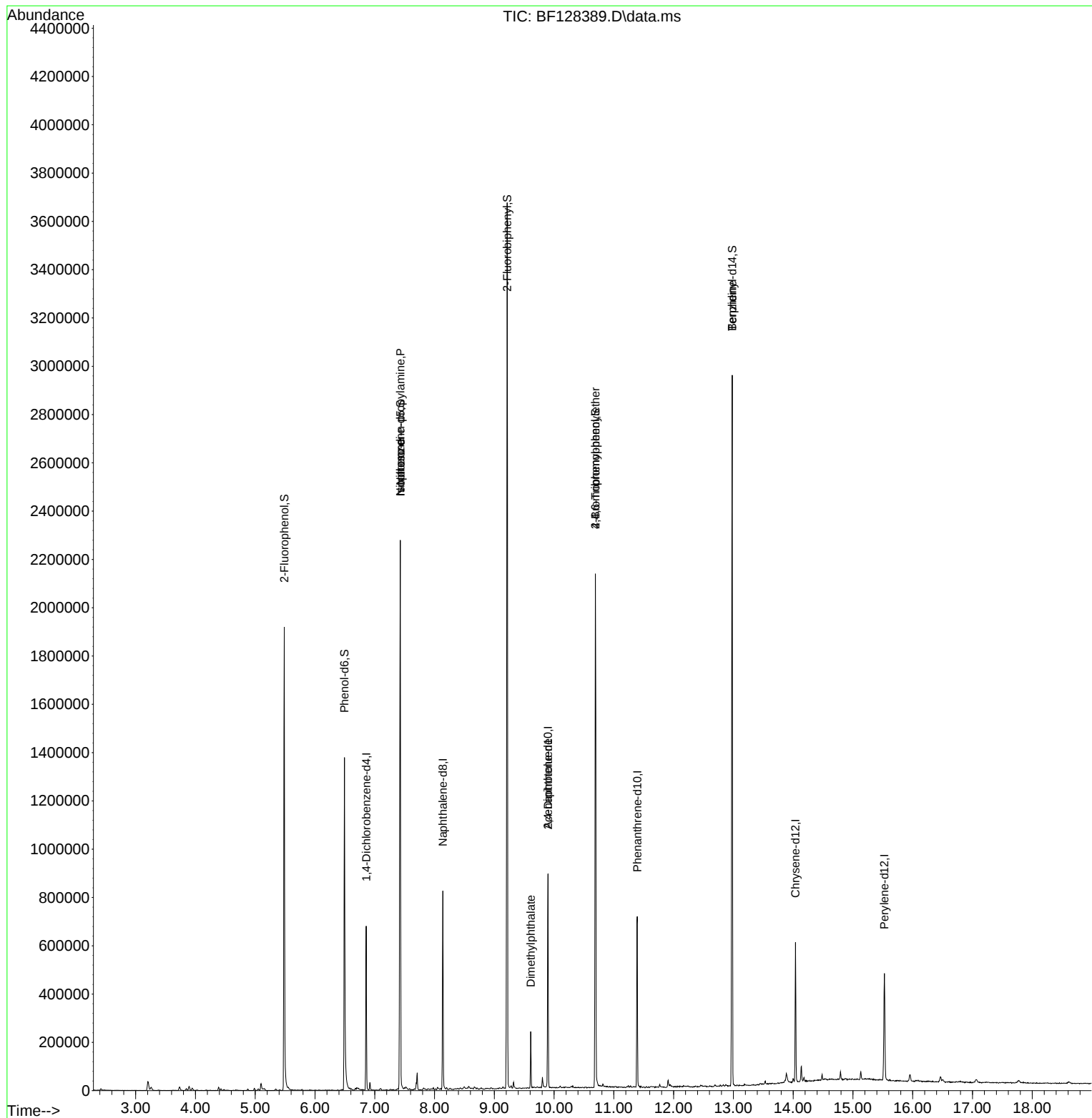
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	91097	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	335702	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	174753	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	266934	20.000	ng	0.00
76) Chrysene-d12	14.039	240	185021	20.000	ng	-0.01
86) Perylene-d12	15.527	264	197362	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	502019	87.698	ng	0.00
7) Phenol-d6	6.493	99	478546	63.486	ng	0.00
23) Nitrobenzene-d5	7.428	82	782108	104.385	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	246564	136.811	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1167430	109.248	ng	0.00
79) Terphenyl-d14	12.980	244	994066	103.716	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.445	77	64	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.428	70	105962	23.504	ng	# 79
25) Isophorone	7.428	82	782099	68.115	ng	# 68
50) Dimethylphthalate	9.610	163	77067	6.923	ng	# 99
57) 2,4-Dinitrotoluene	9.898	165	22042	7.186	ng	# 26
67) 4-Bromophenyl-phenylether	10.692	248	14897	5.333	ng	# 1
77) Benizidine	12.980	184	14773	3.839	ng	# 90

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

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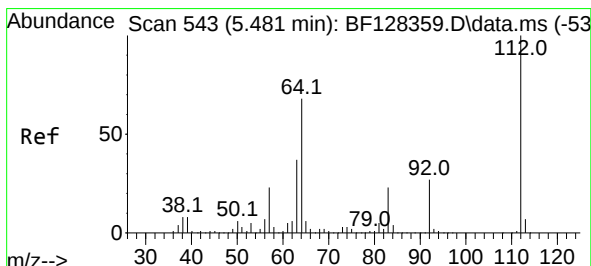
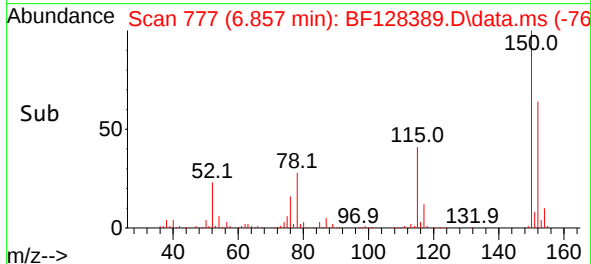
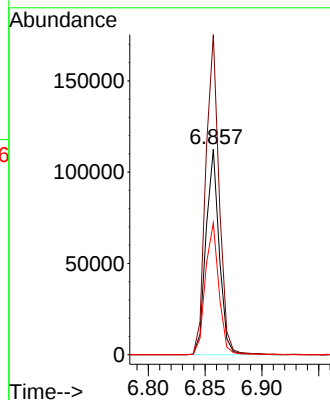
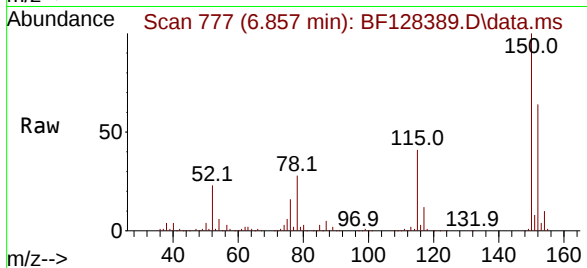




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF128389.D
Acq: 21 May 2022 03:30

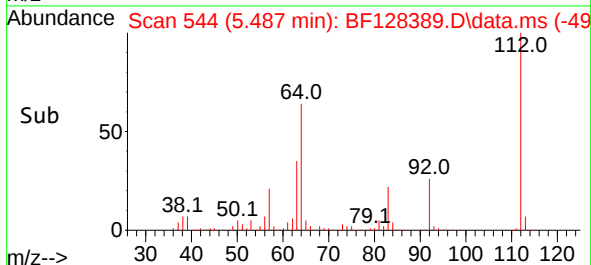
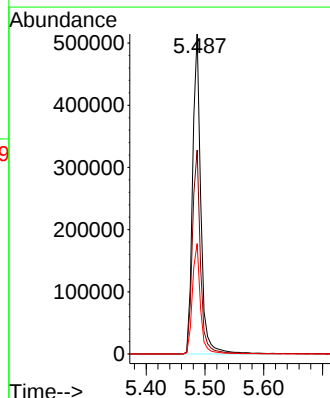
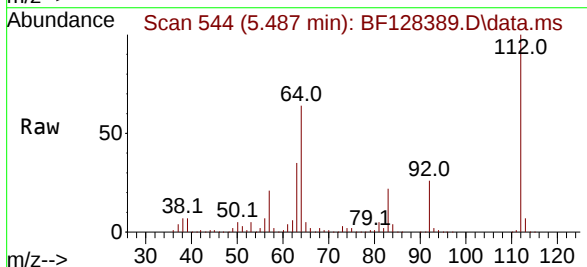
Instrument :
BNA_F
ClientSampleId :
MW-26

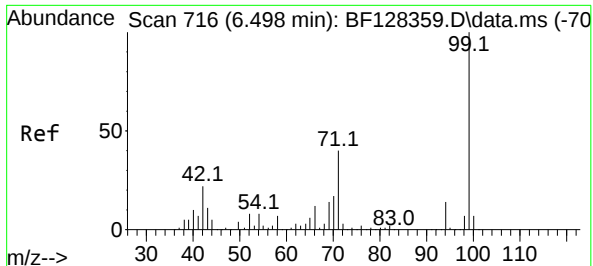
Tgt Ion:152 Resp: 91097
Ion Ratio Lower Upper
152 100
150 155.6 125.3 187.9
115 64.0 48.8 73.2



#5
2-Fluorophenol
Concen: 87.698 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.006 min
Lab File: BF128389.D
Acq: 21 May 2022 03:30

Tgt Ion:112 Resp: 502019
Ion Ratio Lower Upper
112 100
64 63.8 49.5 74.3
63 34.5 26.3 39.5

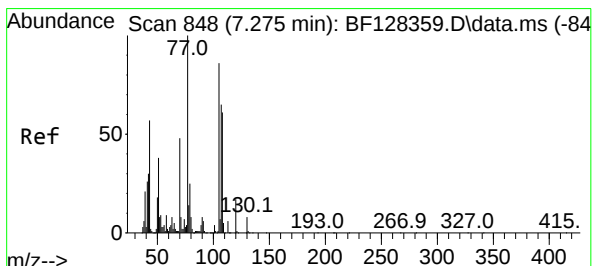
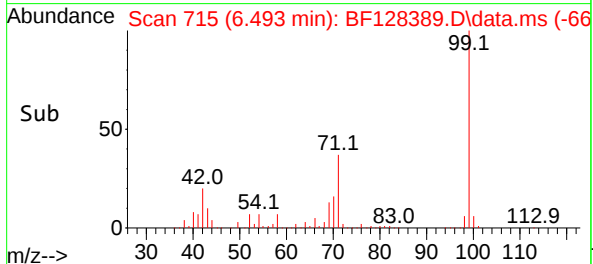
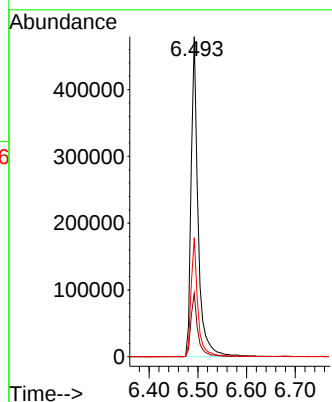
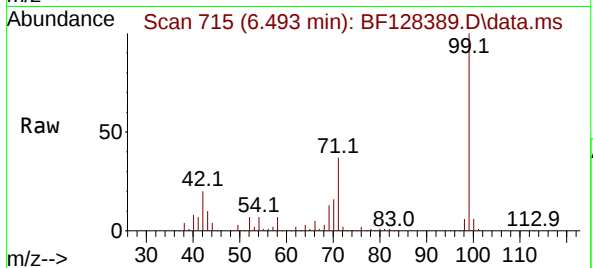




#7
Phenol-d6
Concen: 63.486 ng
RT: 6.493 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128389.D
Acq: 21 May 2022 03:30

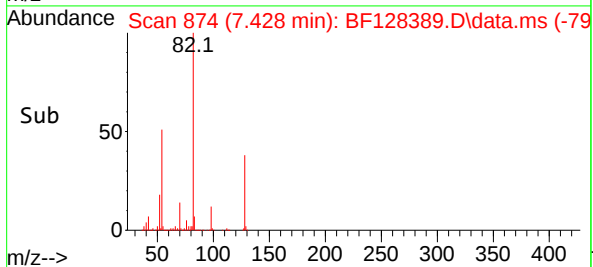
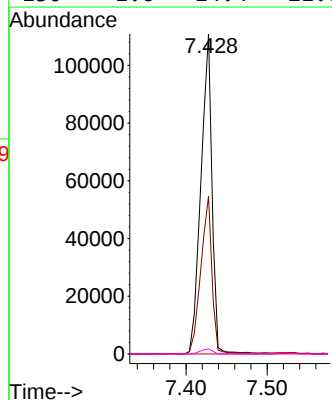
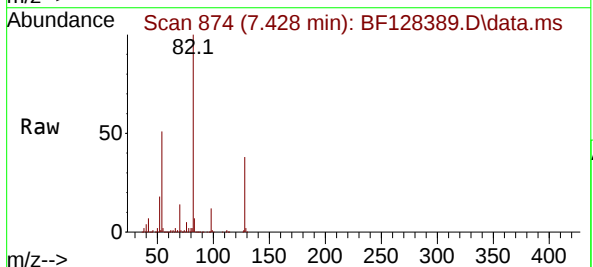
Instrument :
BNA_F
ClientSampleId :
MW-26

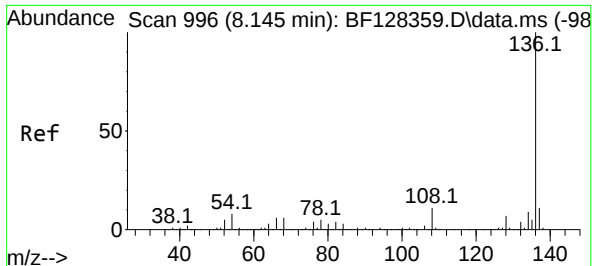
Tgt Ion: 99 Resp: 478546
Ion Ratio Lower Upper
99 100
42 19.8 16.6 24.8
71 37.2 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 23.504 ng
RT: 7.428 min Scan# 874
Delta R.T. 0.153 min
Lab File: BF128389.D
Acq: 21 May 2022 03:30

Tgt Ion: 70 Resp: 105962
Ion Ratio Lower Upper
70 100
42 49.3 48.7 73.1
101 0.0 7.2 10.8#
130 1.6 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 996

Delta R.T. -0.006 min

Lab File: BF128389.D

Acq: 21 May 2022 03:30

Instrument :

BNA_F

ClientSampleId :

MW-26

Tgt Ion:136 Resp: 335702

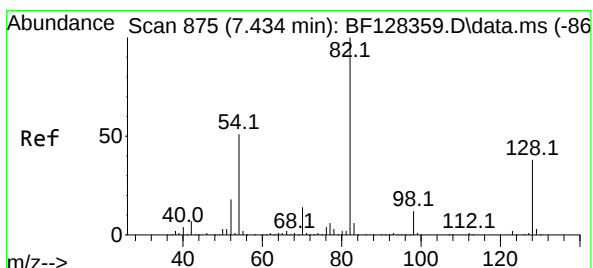
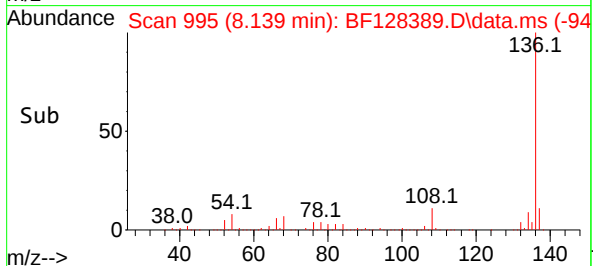
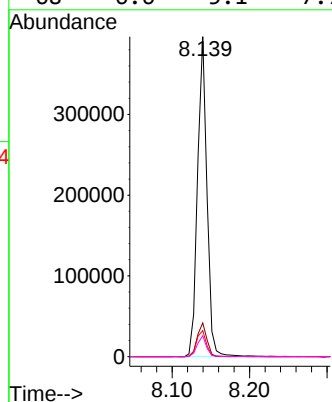
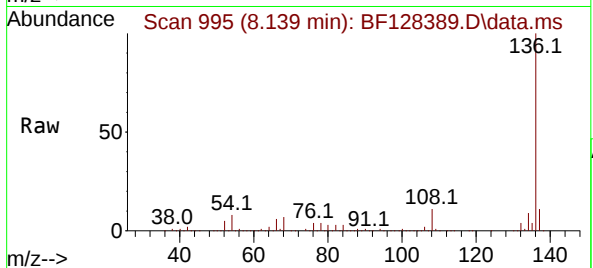
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 8.2 6.8 10.2

68 6.6 5.1 7.7



#23

Nitrobenzene-d5

Concen: 104.385 ng

RT: 7.428 min Scan# 874

Delta R.T. -0.006 min

Lab File: BF128389.D

Acq: 21 May 2022 03:30

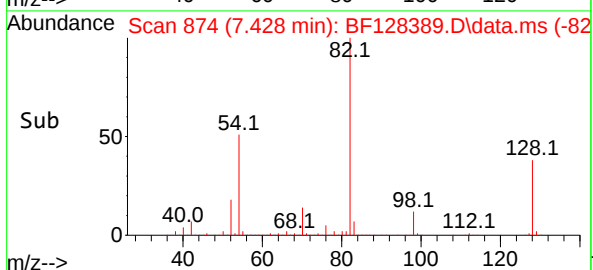
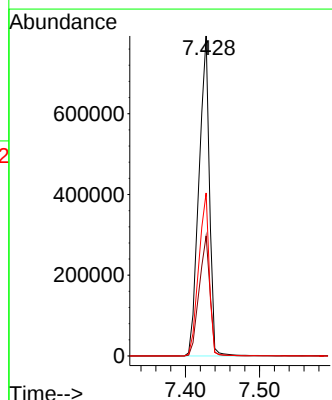
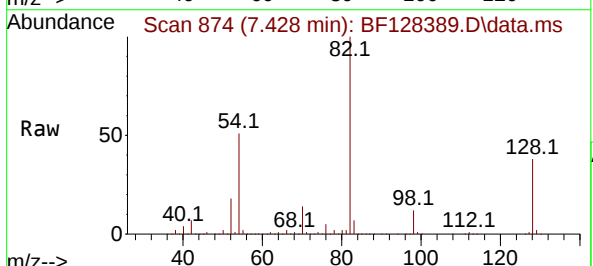
Tgt Ion: 82 Resp: 782108

Ion Ratio Lower Upper

82 100

128 37.5 30.0 45.0

54 51.0 41.3 61.9





#25

Isophorone

Concen: 68.115 ng

RT: 7.428 min Scan# 81

Delta R.T. -0.259 min

Lab File: BF128389.D

Acq: 21 May 2022 03:30

Instrument :

BNA_F

ClientSampleId :

MW-26

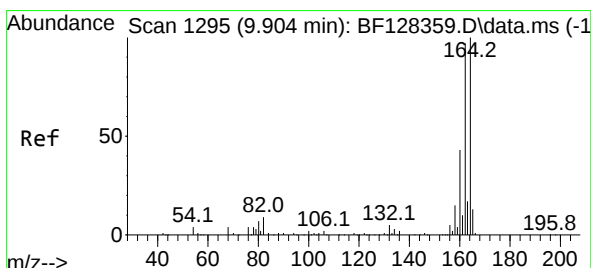
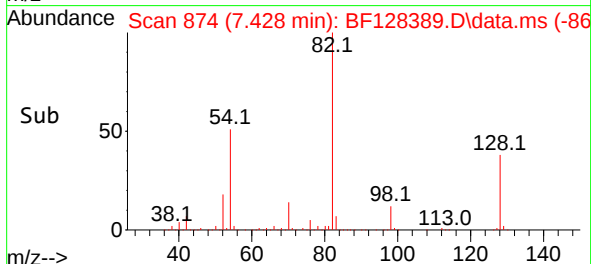
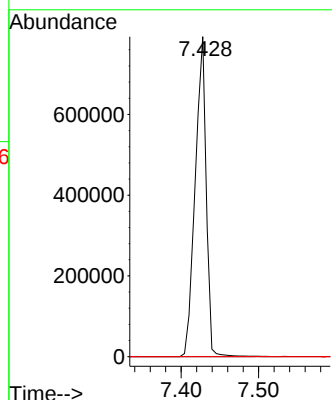
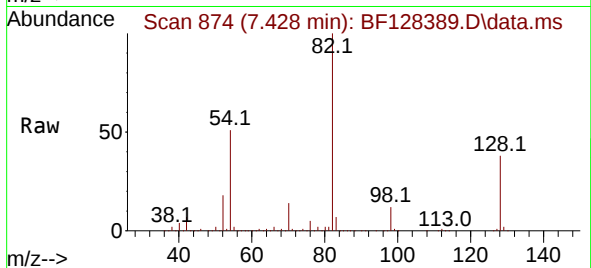
Tgt Ion: 82 Resp: 782099

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 12.5 18.7#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1294

Delta R.T. -0.006 min

Lab File: BF128389.D

Acq: 21 May 2022 03:30

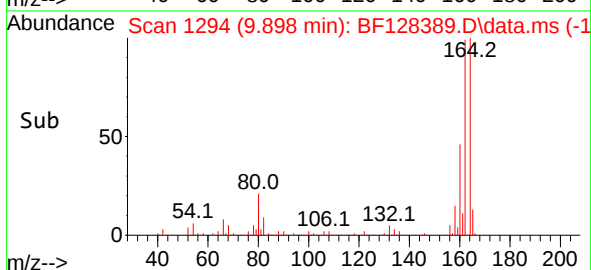
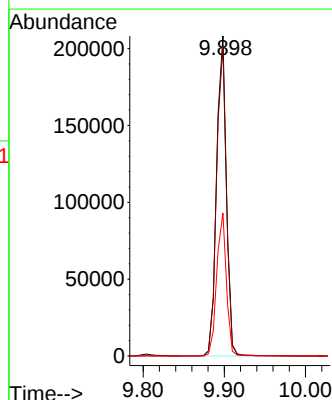
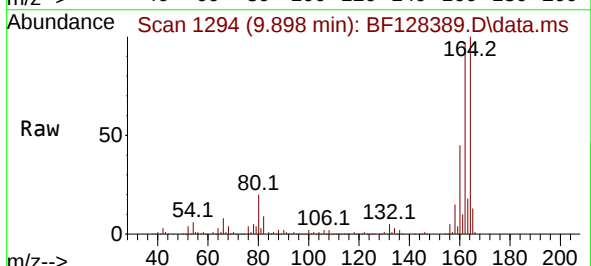
Tgt Ion:164 Resp: 174753

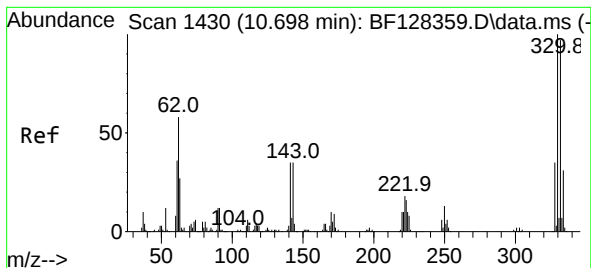
Ion Ratio Lower Upper

164 100

162 96.7 76.0 114.0

160 44.7 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 136.811 ng

RT: 10.692 min Scan# 1430

Delta R.T. -0.006 min

Lab File: BF128389.D

Acq: 21 May 2022 03:30

Instrument :

BNA_F

ClientSampleId :

MW-26

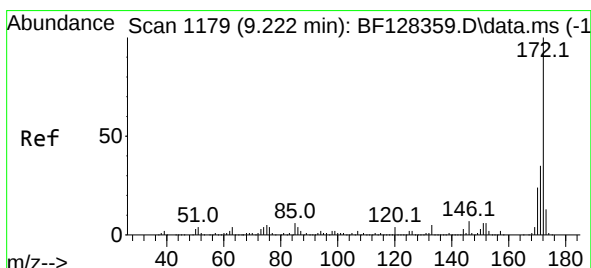
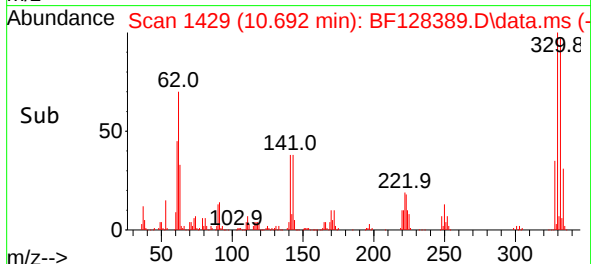
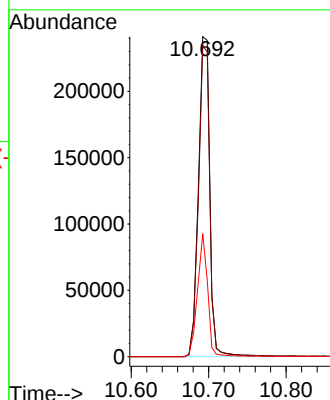
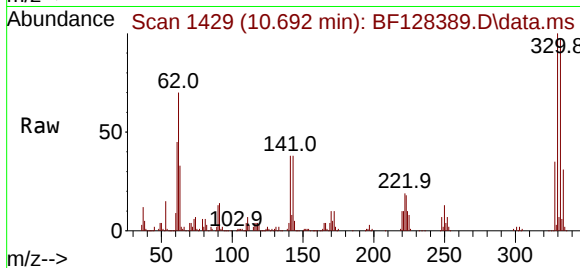
Tgt Ion:330 Resp: 246564

Ion Ratio Lower Upper

330 100

332 96.4 79.0 118.4

141 34.4 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 109.248 ng

RT: 9.216 min Scan# 1178

Delta R.T. -0.006 min

Lab File: BF128389.D

Acq: 21 May 2022 03:30

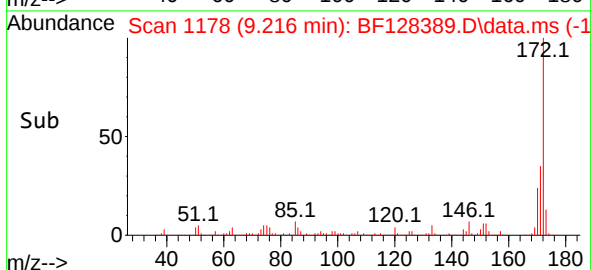
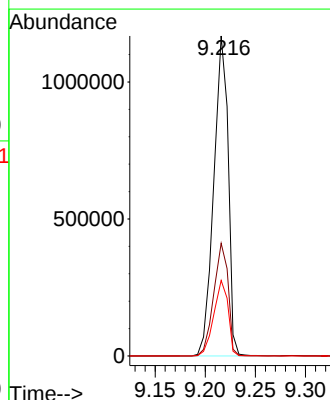
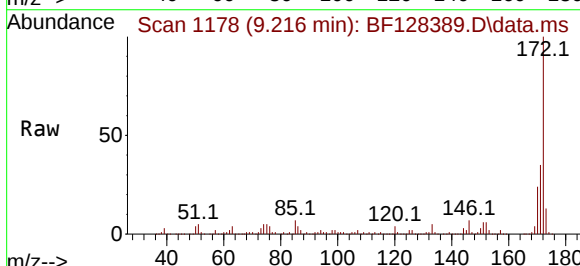
Tgt Ion:172 Resp: 1167430

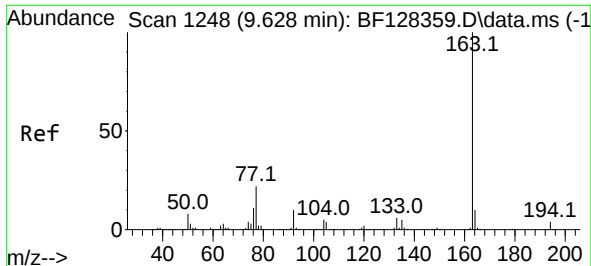
Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.6 19.1 28.7

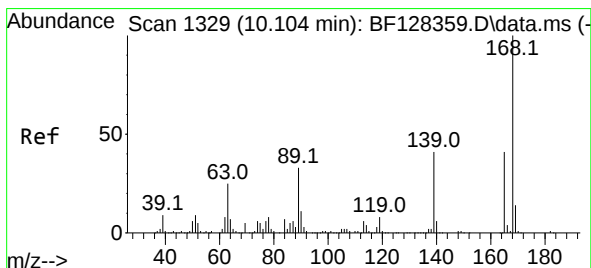
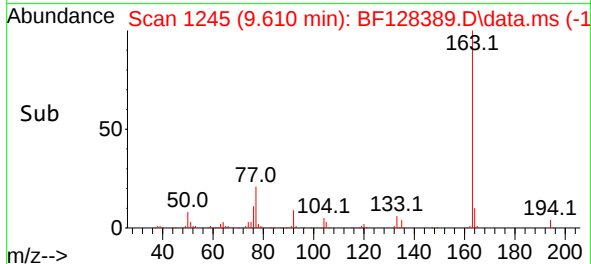
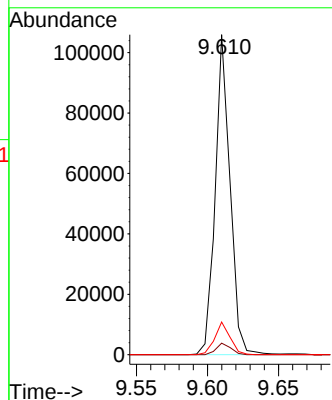
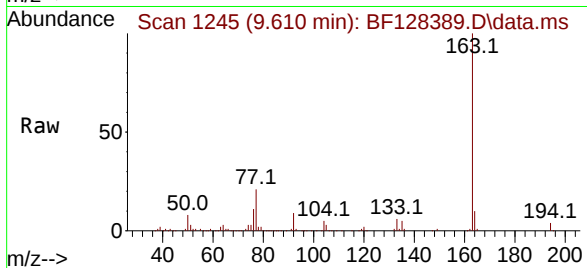




#50
Dimethylphthalate
Concen: 6.923 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF128389.D
Acq: 21 May 2022 03:30

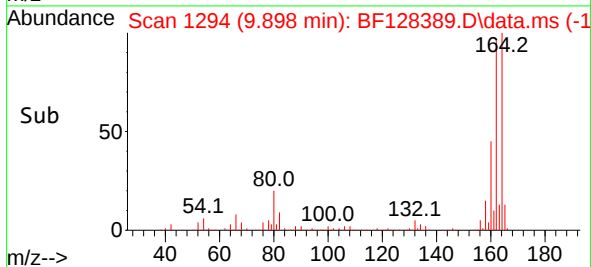
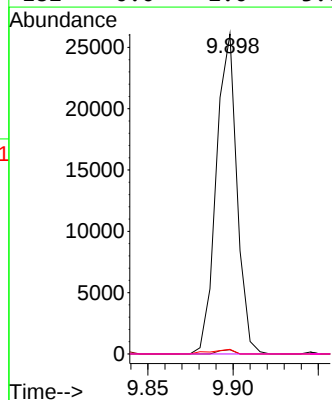
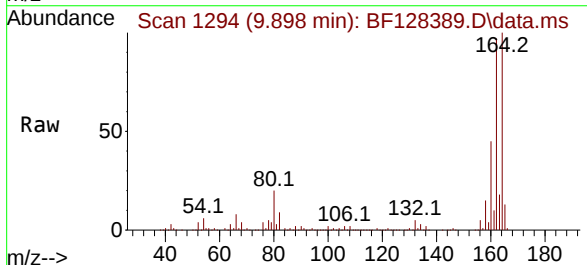
Instrument :
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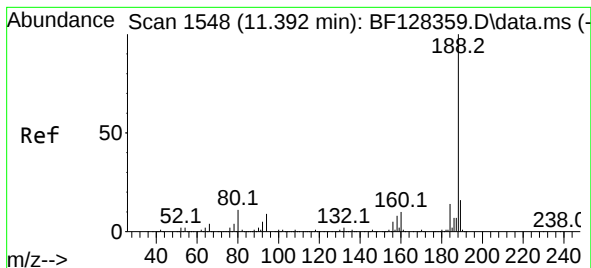
Tgt Ion:163 Resp: 77067
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 10.2 8.6 13.0



#57
2,4-Dinitrotoluene
Concen: 7.186 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.206 min
Lab File: BF128389.D
Acq: 21 May 2022 03:30

Tgt Ion:165 Resp: 22042
Ion Ratio Lower Upper
165 100
63 1.3 32.6 49.0#
89 1.4 55.2 82.8#
182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF128389.D

Acq: 21 May 2022 03:30

Instrument :

BNA_F

ClientSampleId :

MW-26

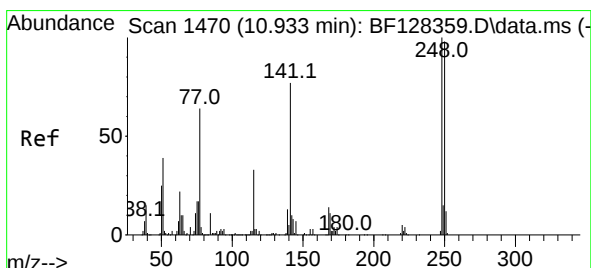
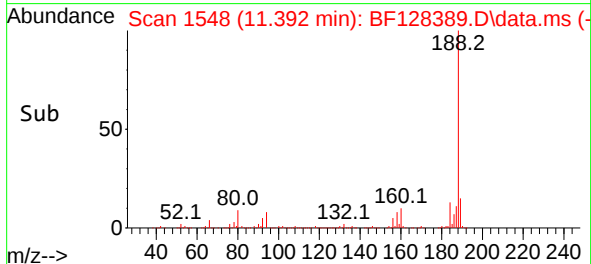
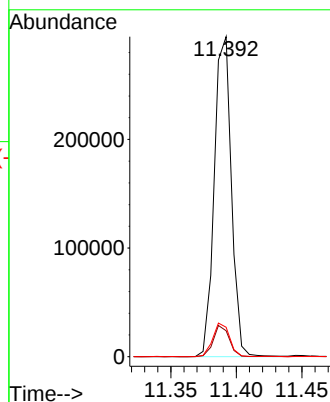
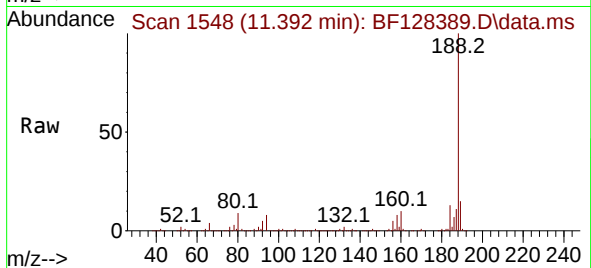
Tgt Ion:188 Resp: 266934

Ion Ratio Lower Upper

188 100

94 8.1 8.0 12.0

80 9.2 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 5.333 ng

RT: 10.692 min Scan# 1429

Delta R.T. -0.241 min

Lab File: BF128389.D

Acq: 21 May 2022 03:30

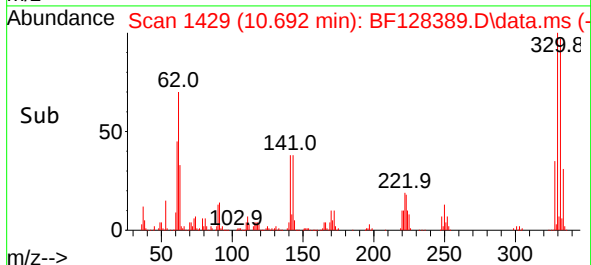
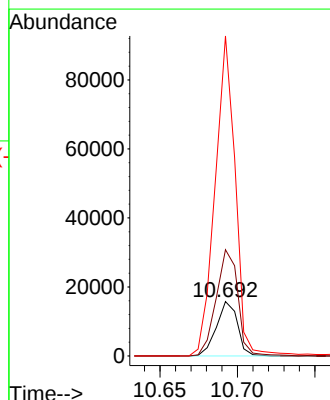
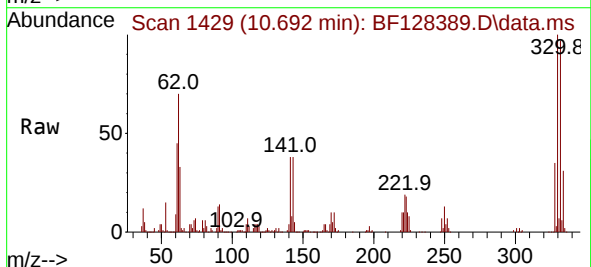
Tgt Ion:248 Resp: 14897

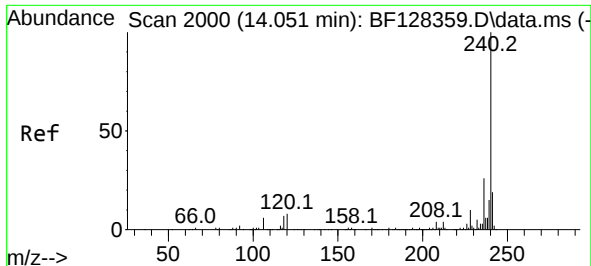
Ion Ratio Lower Upper

248 100

250 195.3 77.7 116.5#

141 588.0 65.6 98.4#

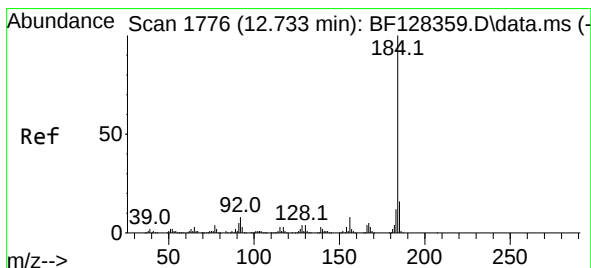
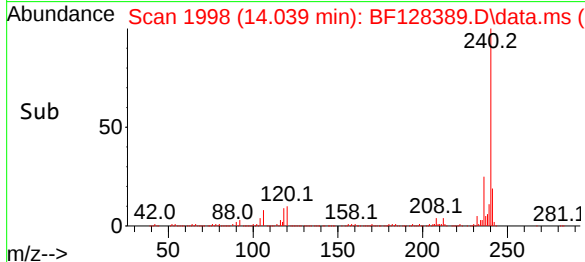
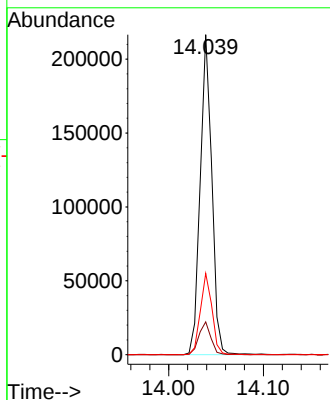
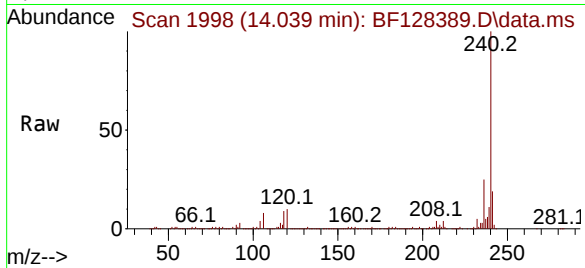




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1818
Delta R.T. -0.012 min
Lab File: BF128389.D
Acq: 21 May 2022 03:30

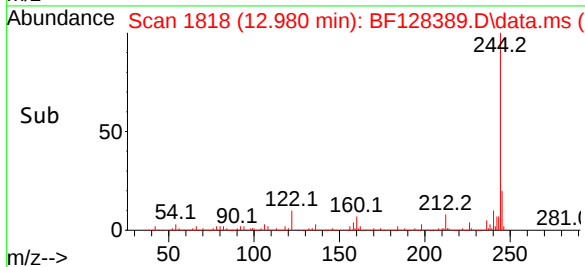
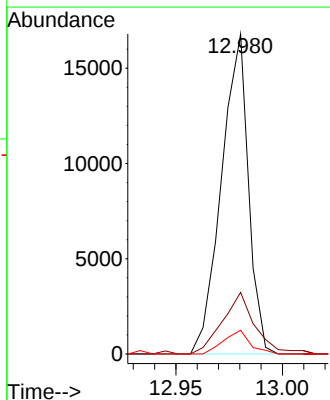
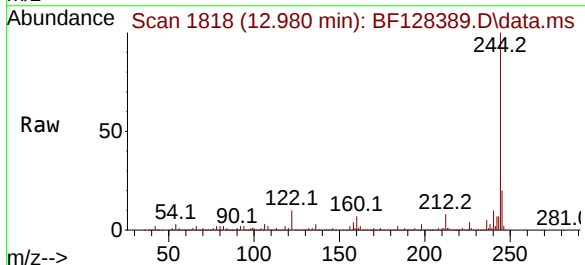
Instrument :
BNA_F
ClientSampleId :
MW-26

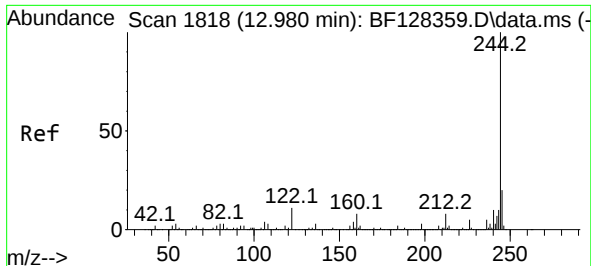
Tgt Ion:240 Resp: 185021
Ion Ratio Lower Upper
240 100
120 10.2 7.0 10.6
236 25.4 20.3 30.5



#77
Benzidine
Concen: 3.839 ng
RT: 12.980 min Scan# 1818
Delta R.T. 0.247 min
Lab File: BF128389.D
Acq: 21 May 2022 03:30

Tgt Ion:184 Resp: 14773
Ion Ratio Lower Upper
184 100
185 19.3 12.1 18.1#
183 7.4 9.0 13.4#

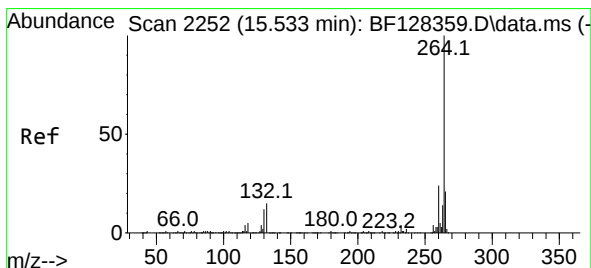
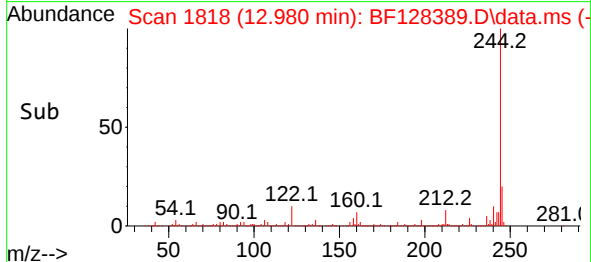
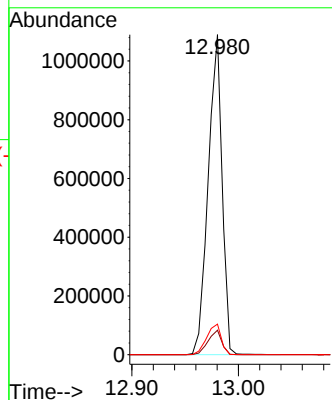
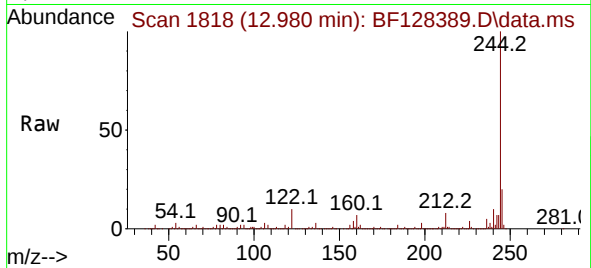




#79
 Terphenyl-d14
 Concen: 103.716 ng
 RT: 12.980 min Scan# 1818
 Delta R.T. 0.000 min
 Lab File: BF128389.D
 Acq: 21 May 2022 03:30

Instrument :
 BNA_F
 ClientSampleId :
 MW-26

Tgt Ion:244 Resp: 994066
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 9.6 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2251
 Delta R.T. -0.006 min
 Lab File: BF128389.D
 Acq: 21 May 2022 03:30

Tgt Ion:264 Resp: 197362
 Ion Ratio Lower Upper
 264 100
 260 24.7 20.1 30.1
 265 20.7 17.5 26.3

