

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
 Data File : BF128759.D
 Acq On : 10 Jun 2022 15:19
 Operator : CG\JU
 Sample : N3286-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6S

Quant Time: Jun 11 01:26:59 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

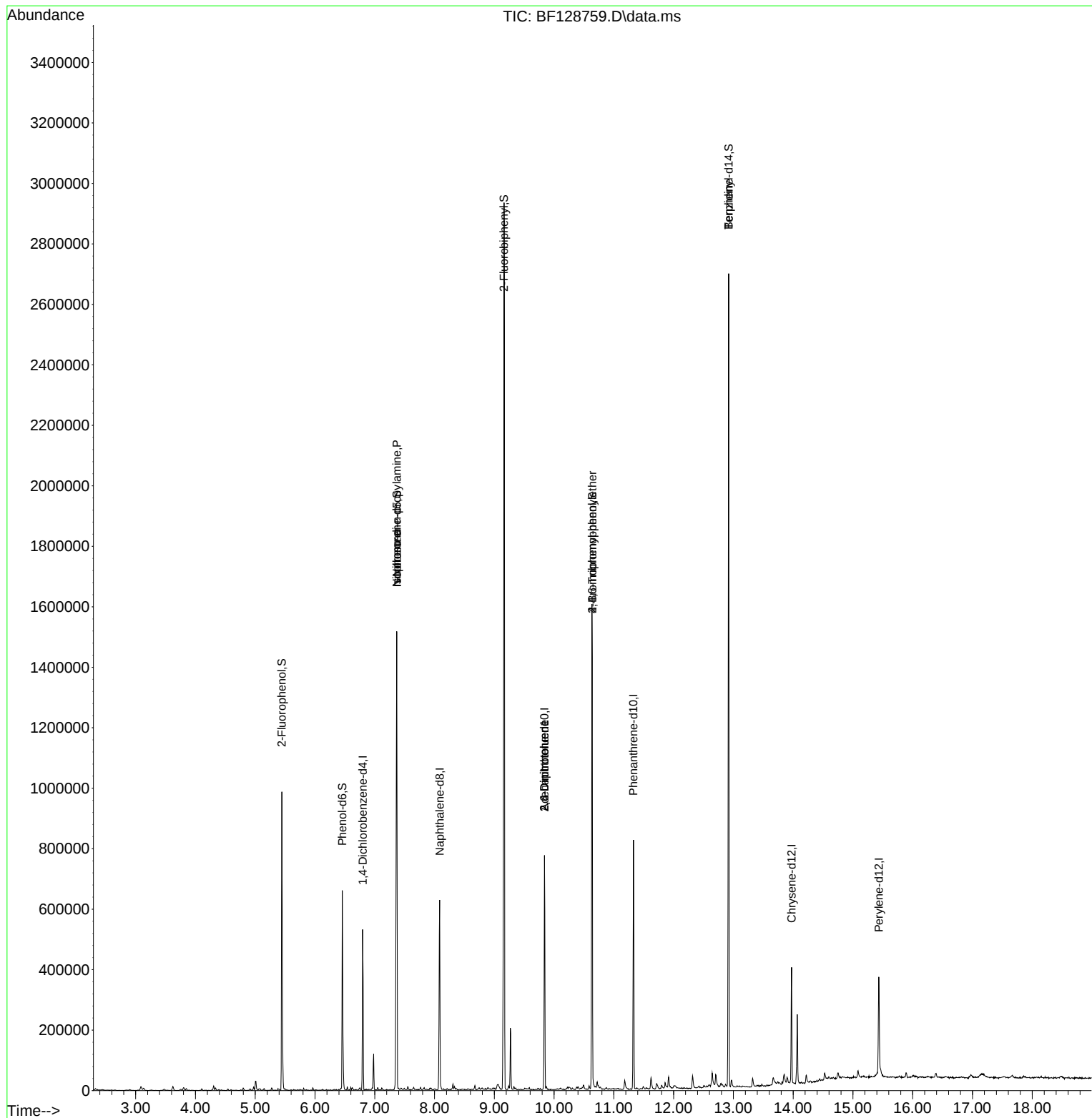
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	68434	20.000	ng	-0.01
21) Naphthalene-d8	8.086	136	266825	20.000	ng	#-0.01
39) Acenaphthene-d10	9.839	164	156358	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	278760	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	124488	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	145370	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	241821	56.285	ng	-0.01
7) Phenol-d6	6.457	99	186670	35.594	ng	-0.02
23) Nitrobenzene-d5	7.369	82	497293	86.773	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	201542	109.092	ng	-0.01
45) 2-Fluorobiphenyl	9.163	172	990341	88.724	ng	-0.01
79) Terphenyl-d14	12.921	244	840388	117.304	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.369	70	70786	21.708	ng	# 76
25) Isophorone	7.369	82	494887	56.857	ng	# 65
51) 2,6-Dinitrotoluene	9.839	165	19981	9.459	ng	# 25
57) 2,4-Dinitrotoluene	9.839	165	19981	7.088	ng	# 21
67) 4-Bromophenyl-phenylether	10.639	248	12950	4.166	ng	# 1
77) Benzidine	12.921	184	11684	4.708	ng	# 91

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

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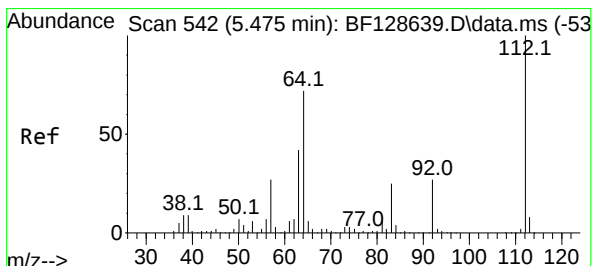
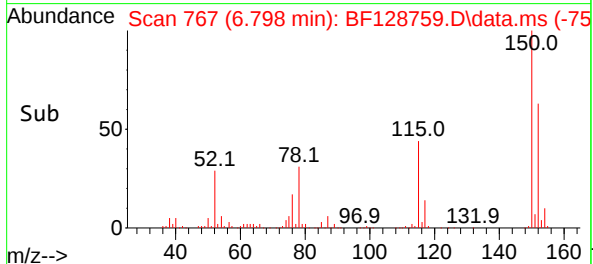
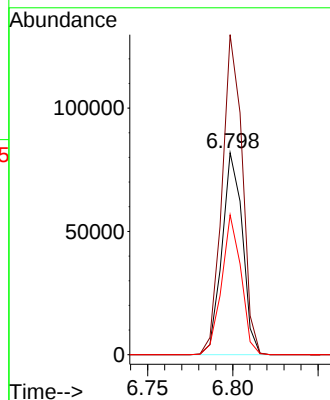
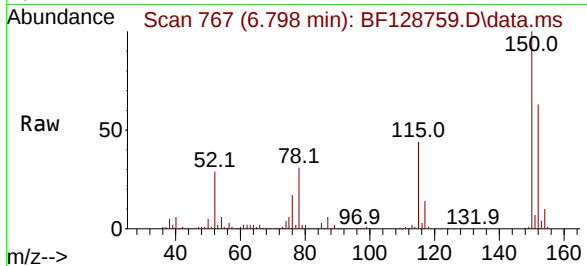




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF128759.D
Acq: 10 Jun 2022 15:19

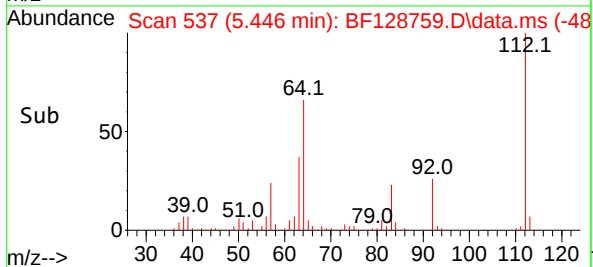
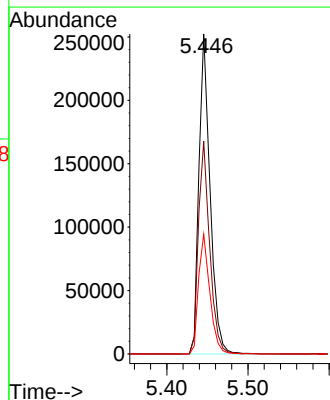
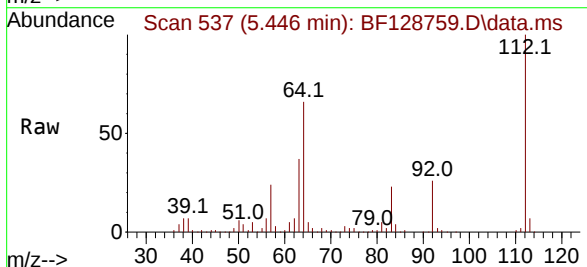
Instrument :
BNA_F
ClientSampleId :
MW-6S

Tgt Ion:152 Resp: 68434
Ion Ratio Lower Upper
152 100
150 158.5 123.7 185.5
115 69.3 49.9 74.9



#5
2-Fluorophenol
Concen: 56.285 ng
RT: 5.446 min Scan# 537
Delta R.T. -0.012 min
Lab File: BF128759.D
Acq: 10 Jun 2022 15:19

Tgt Ion:112 Resp: 241821
Ion Ratio Lower Upper
112 100
64 66.4 53.3 79.9
63 37.4 28.0 42.0

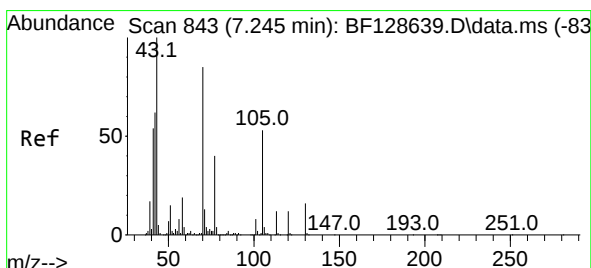
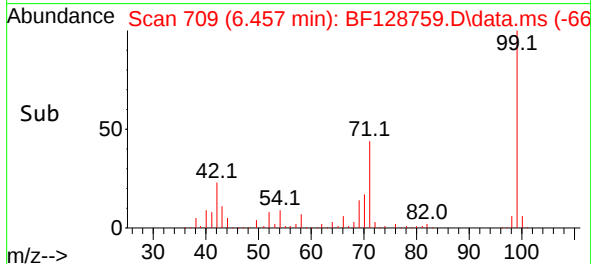
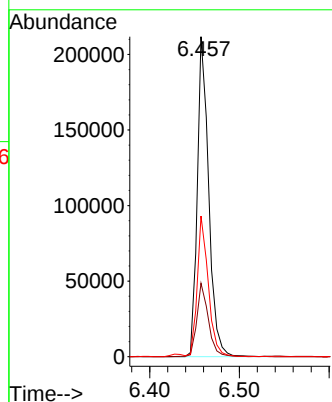
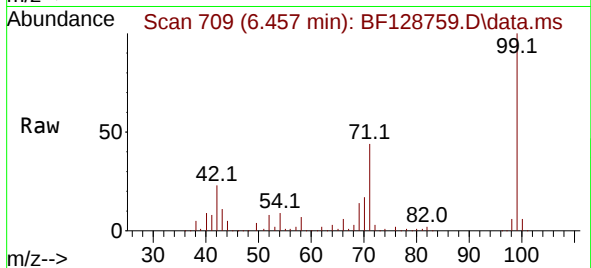




#7
Phenol-d6
Concen: 35.594 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.024 min
Lab File: BF128759.D
Acq: 10 Jun 2022 15:19

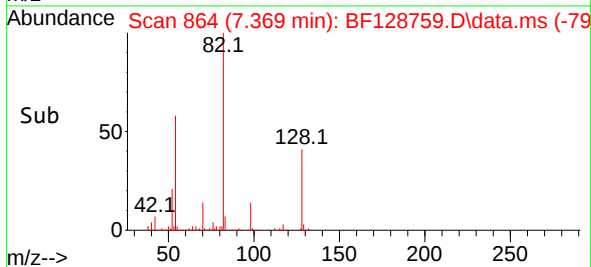
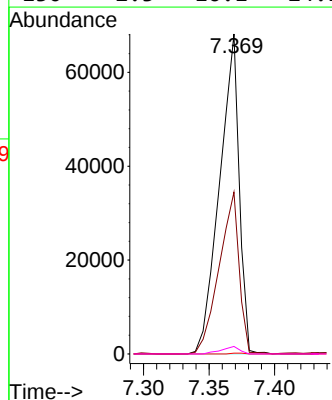
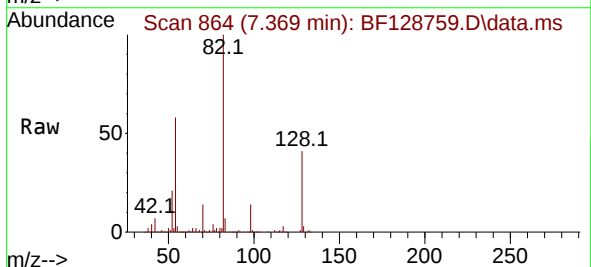
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BNA_F
ClientSampleId :
MW-6S

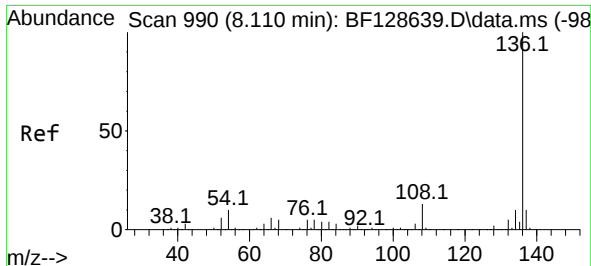
Tgt Ion: 99 Resp: 186670
Ion Ratio Lower Upper
99 100
42 22.9 17.3 25.9
71 43.9 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 21.708 ng
RT: 7.369 min Scan# 864
Delta R.T. 0.135 min
Lab File: BF128759.D
Acq: 10 Jun 2022 15:19

Tgt Ion: 70 Resp: 70786
Ion Ratio Lower Upper
70 100
42 50.6 52.3 78.5#
101 0.3 7.5 11.3#
130 2.3 16.1 24.1#

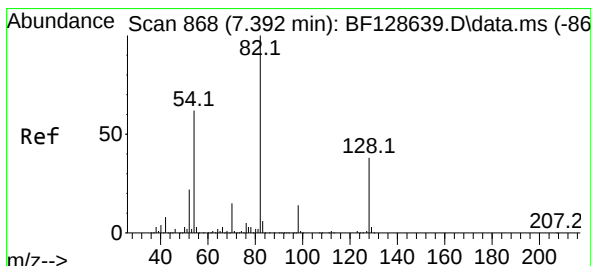
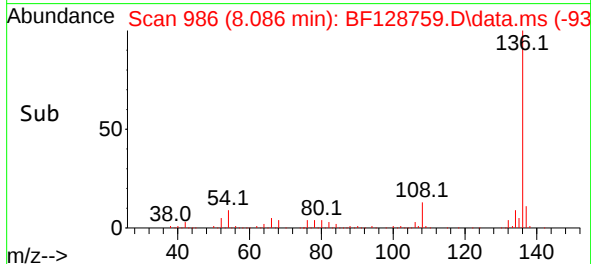
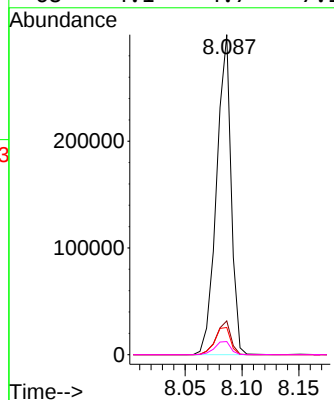
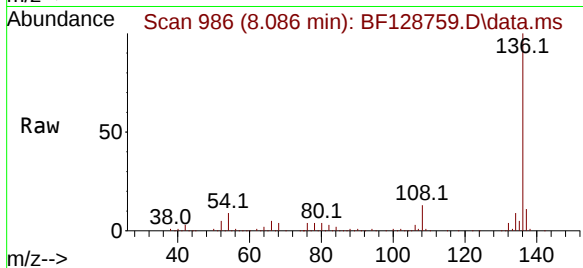




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128759.D
Acq: 10 Jun 2022 15:19

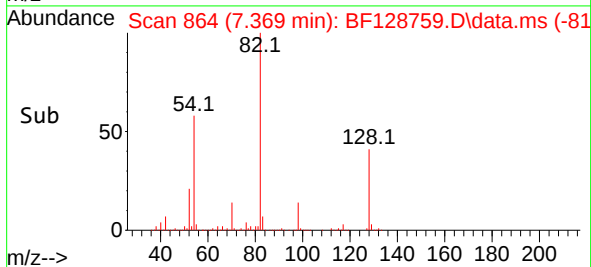
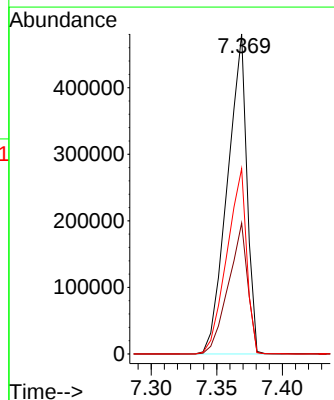
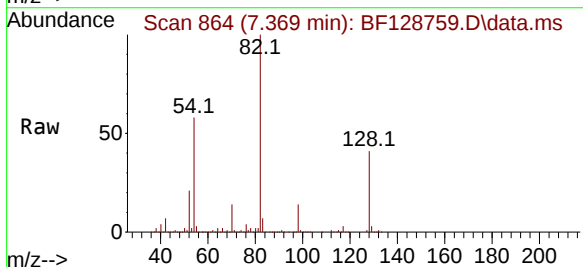
Instrument :
BNA_F
ClientSampleId :
MW-6S

Tgt Ion:136	Resp: 266825
Ion Ratio	Lower Upper
136 100	
137 10.5	8.8 13.2
54 8.5	7.5 11.3
68 4.1	4.7 7.1#



#23
Nitrobenzene-d5
Concen: 86.773 ng
RT: 7.369 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF128759.D
Acq: 10 Jun 2022 15:19

Tgt Ion: 82	Resp: 497293
Ion Ratio	Lower Upper
82 100	
128 40.9	34.0 51.0
54 57.9	46.9 70.3

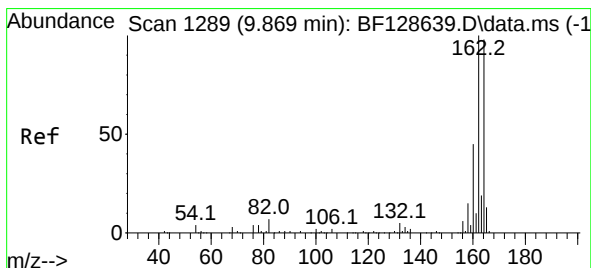
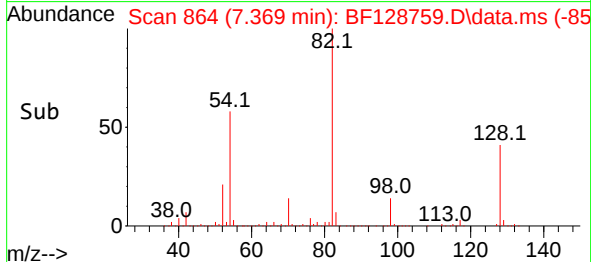
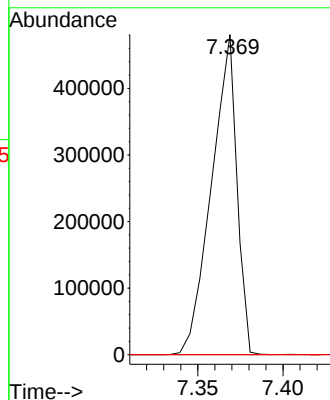
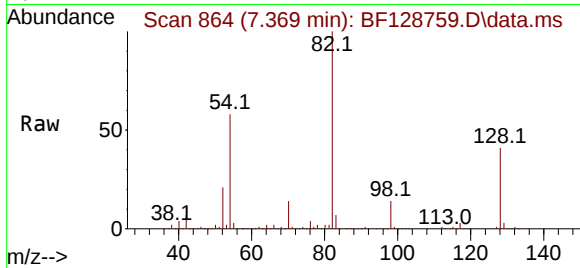




#25
Isophorone
Concen: 56.857 ng
RT: 7.369 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128759.D
Acq: 10 Jun 2022 15:19

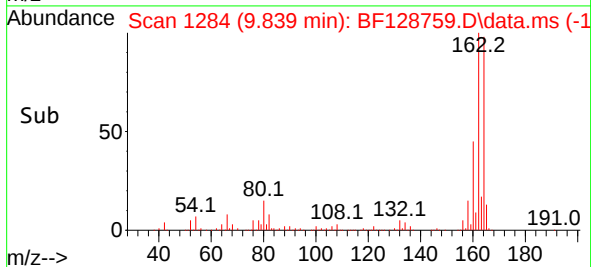
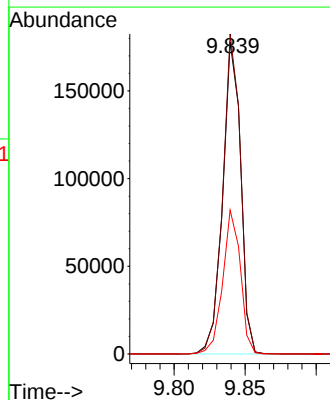
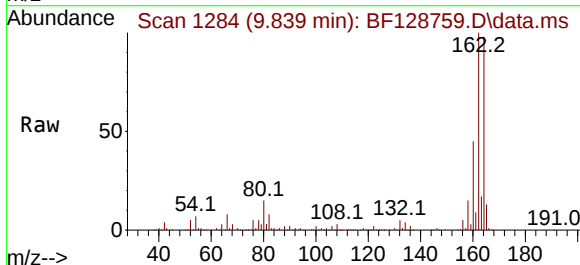
Instrument :
BNA_F
ClientSampleId :
MW-6S

Tgt Ion: 82 Resp: 494887
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: 9.839 min Scan# 1284
Delta R.T. -0.018 min
Lab File: BF128759.D
Acq: 10 Jun 2022 15:19

Tgt Ion:164 Resp: 156358
Ion Ratio Lower Upper
164 100
162 102.6 79.5 119.3
160 46.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 109.092 ng

RT: 10.639 min Scan# 1169

Delta R.T. -0.012 min

Lab File: BF128759.D

Acq: 10 Jun 2022 15:19

Instrument :

BNA_F

ClientSampleId :

MW-6S

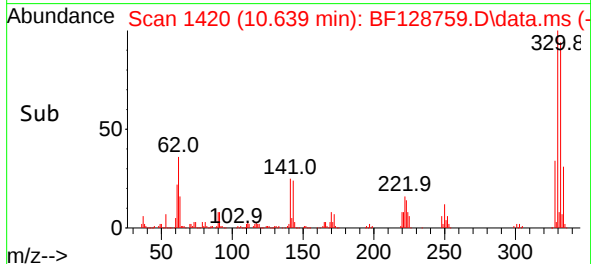
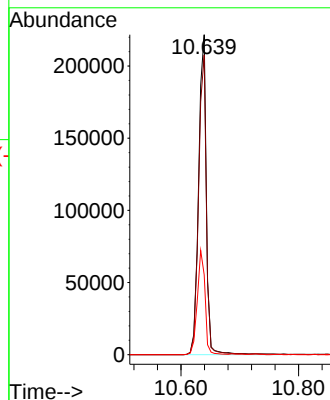
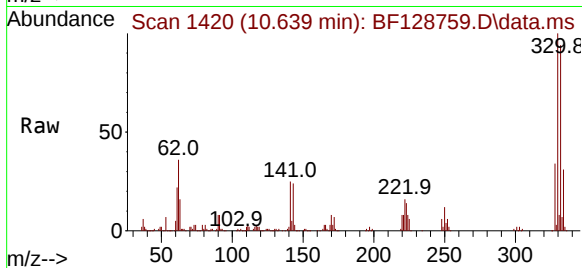
Tgt Ion:330 Resp: 201542

Ion Ratio Lower Upper

330 100

332 93.9 76.8 115.2

141 32.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 88.724 ng

RT: 9.163 min Scan# 1169

Delta R.T. -0.012 min

Lab File: BF128759.D

Acq: 10 Jun 2022 15:19

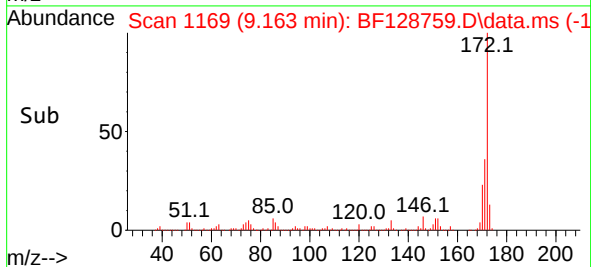
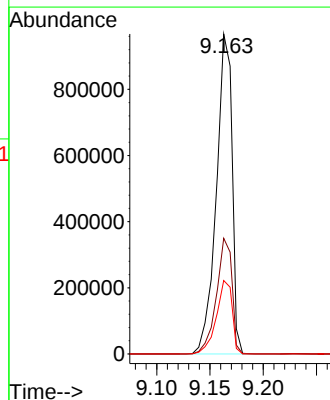
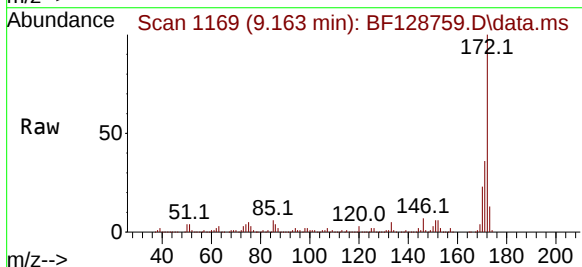
Tgt Ion:172 Resp: 990341

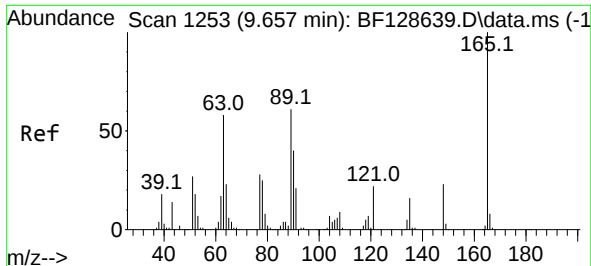
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 22.9 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.459 ng

RT: 9.839 min Scan# 1

Delta R.T. 0.194 min

Lab File: BF128759.D

Acq: 10 Jun 2022 15:19

Instrument :

BNA_F

ClientSampleId :

MW-6S

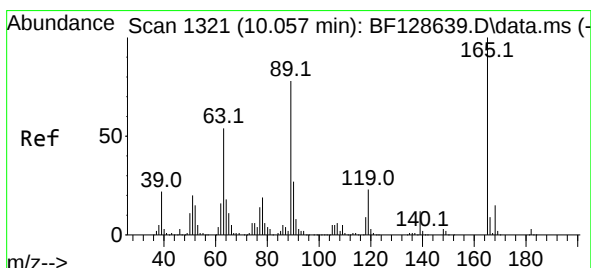
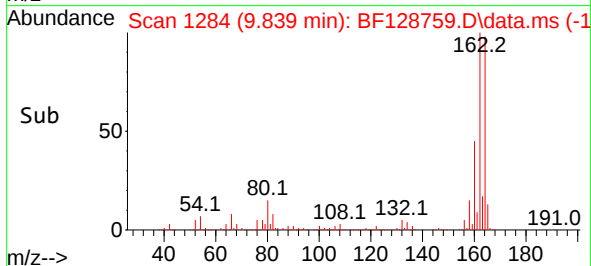
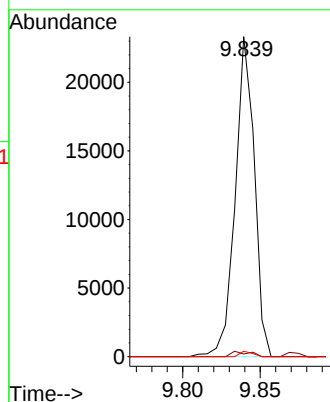
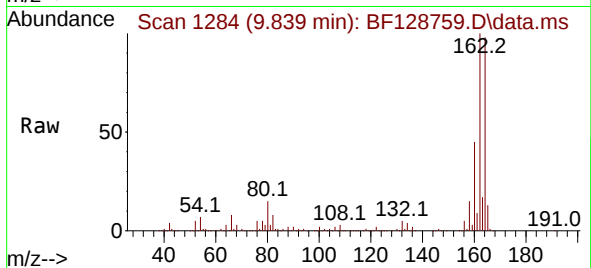
Tgt Ion:165 Resp: 19981

Ion Ratio Lower Upper

165 100

63 0.8 44.9 67.3#

89 1.7 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.088 ng

RT: 9.839 min Scan# 1284

Delta R.T. -0.206 min

Lab File: BF128759.D

Acq: 10 Jun 2022 15:19

Tgt Ion:165 Resp: 19981

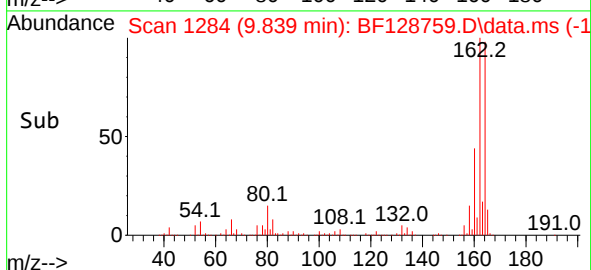
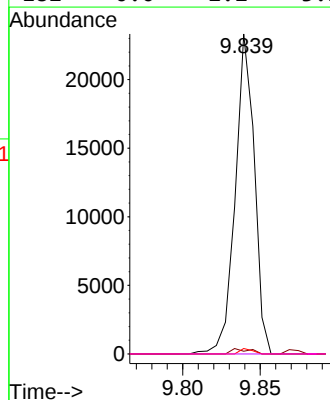
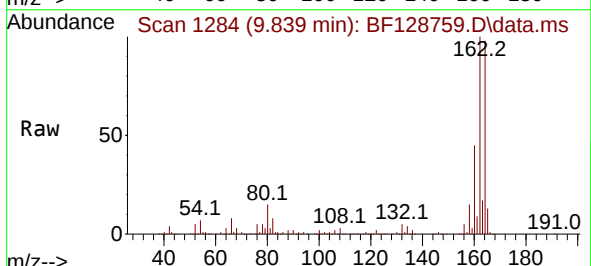
Ion Ratio Lower Upper

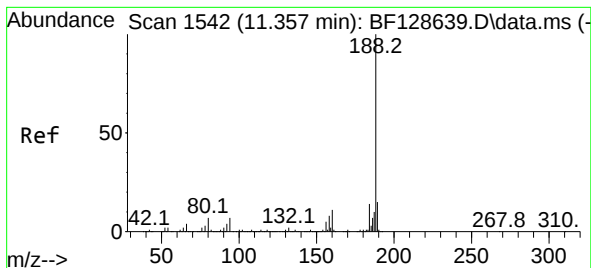
165 100

63 0.8 39.8 59.6#

89 1.7 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF128759.D

Acq: 10 Jun 2022 15:19

Instrument :

BNA_F

ClientSampleId :

MW-6S

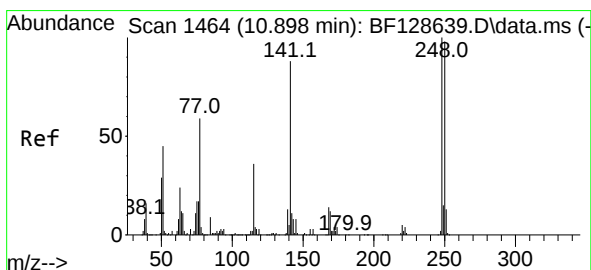
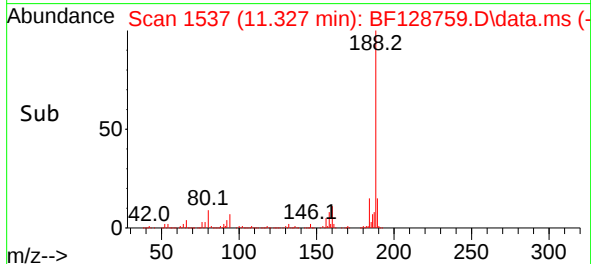
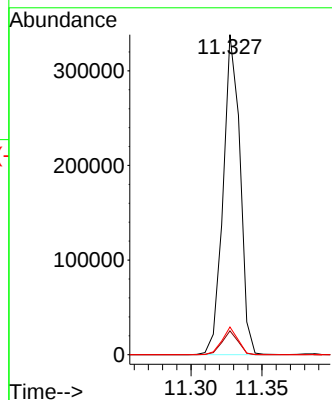
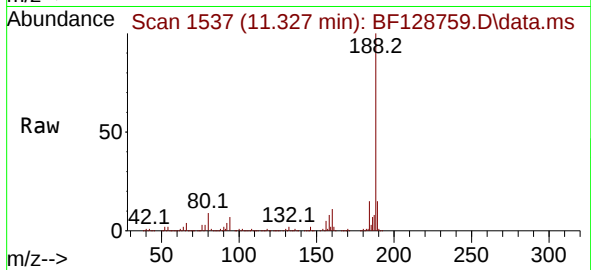
Tgt Ion:188 Resp: 278760

Ion Ratio Lower Upper

188 100

94 7.5 7.0 10.6

80 8.7 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.166 ng

RT: 10.639 min Scan# 1420

Delta R.T. -0.247 min

Lab File: BF128759.D

Acq: 10 Jun 2022 15:19

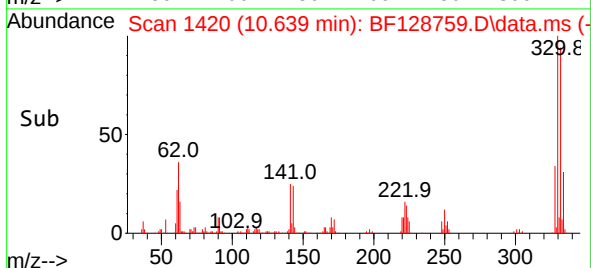
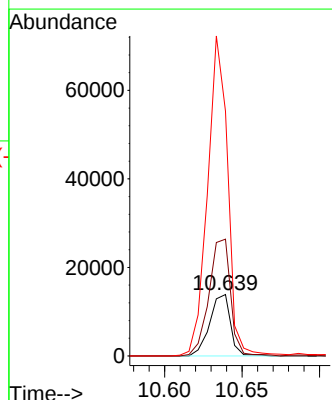
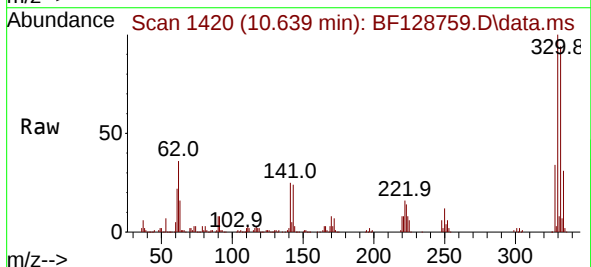
Tgt Ion:248 Resp: 12950

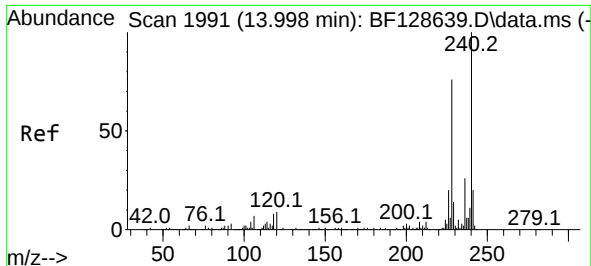
Ion Ratio Lower Upper

248 100

250 190.3 80.6 120.8#

141 399.0 58.9 88.3#

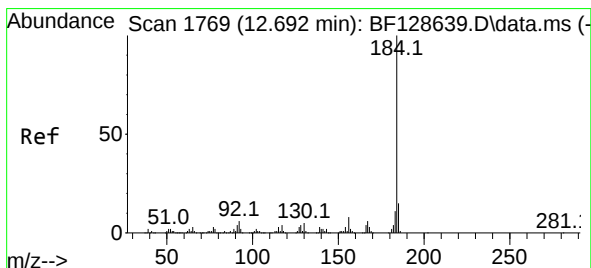
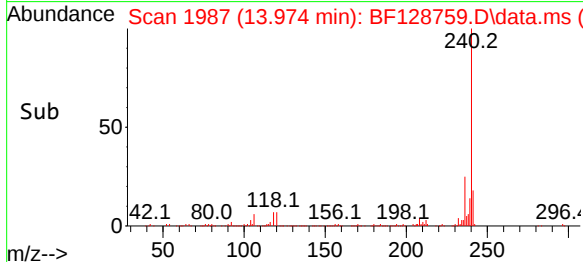
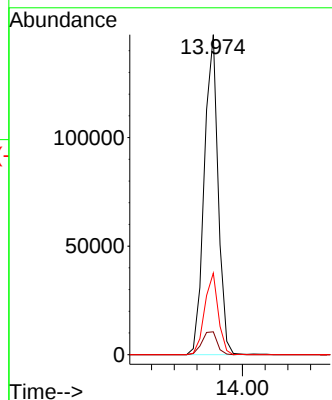
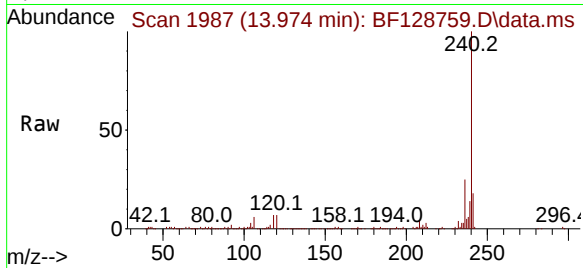




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128759.D
Acq: 10 Jun 2022 15:19

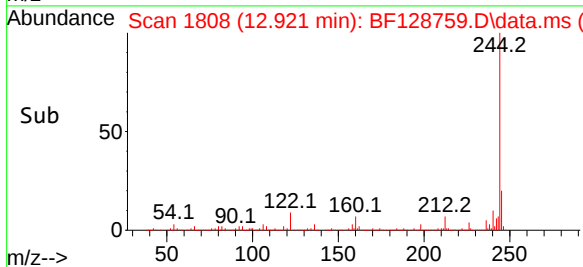
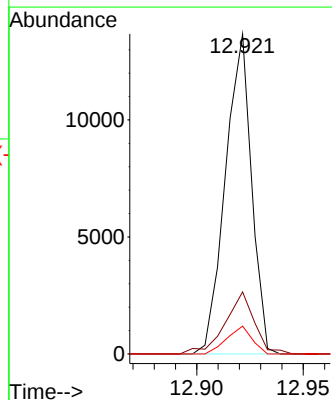
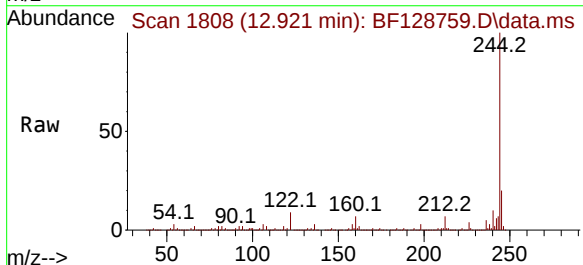
Instrument :
BNA_F
ClientSampleId :
MW-6S

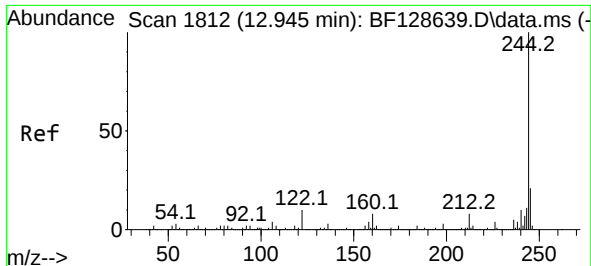
Tgt Ion:240 Resp: 124488
Ion Ratio Lower Upper
240 100
120 7.2 8.9 13.3#
236 25.5 20.8 31.2



#77
Benzidine
Concen: 4.708 ng
RT: 12.921 min Scan# 1808
Delta R.T. 0.241 min
Lab File: BF128759.D
Acq: 10 Jun 2022 15:19

Tgt Ion:184 Resp: 11684
Ion Ratio Lower Upper
184 100
185 19.4 11.9 17.9#
183 8.7 9.3 13.9#

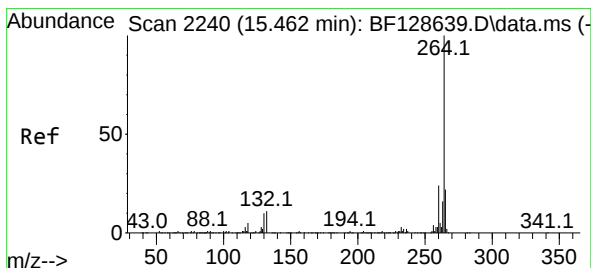
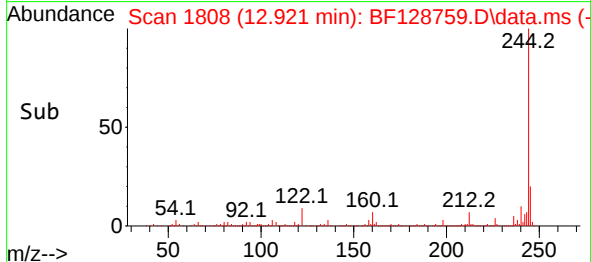
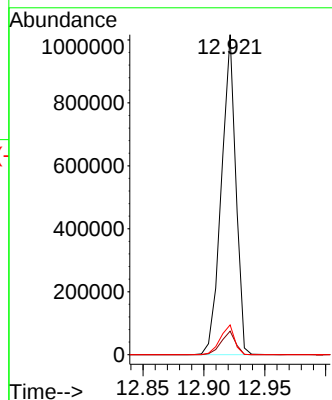
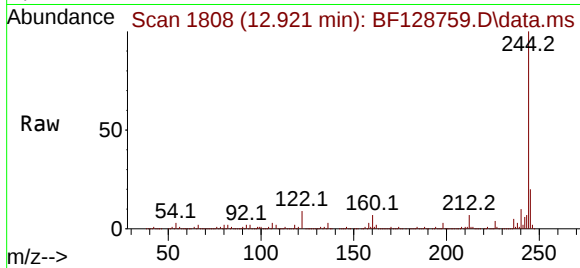




#79
 Terphenyl-d14
 Concen: 117.304 ng
 RT: 12.921 min Scan# 1808
 Delta R.T. -0.012 min
 Lab File: BF128759.D
 Acq: 10 Jun 2022 15:19

Instrument :
 BNA_F
 ClientSampleId :
 MW-6S

Tgt Ion:244 Resp: 840388
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 9.3 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 2235
 Delta R.T. -0.012 min
 Lab File: BF128759.D
 Acq: 10 Jun 2022 15:19

Tgt Ion:264 Resp: 145370
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 21.1 17.2 25.8

