

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
 Data File : BF128758.D
 Acq On : 10 Jun 2022 14:50
 Operator : CG\JU
 Sample : N3287-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Jun 11 01:26:52 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)

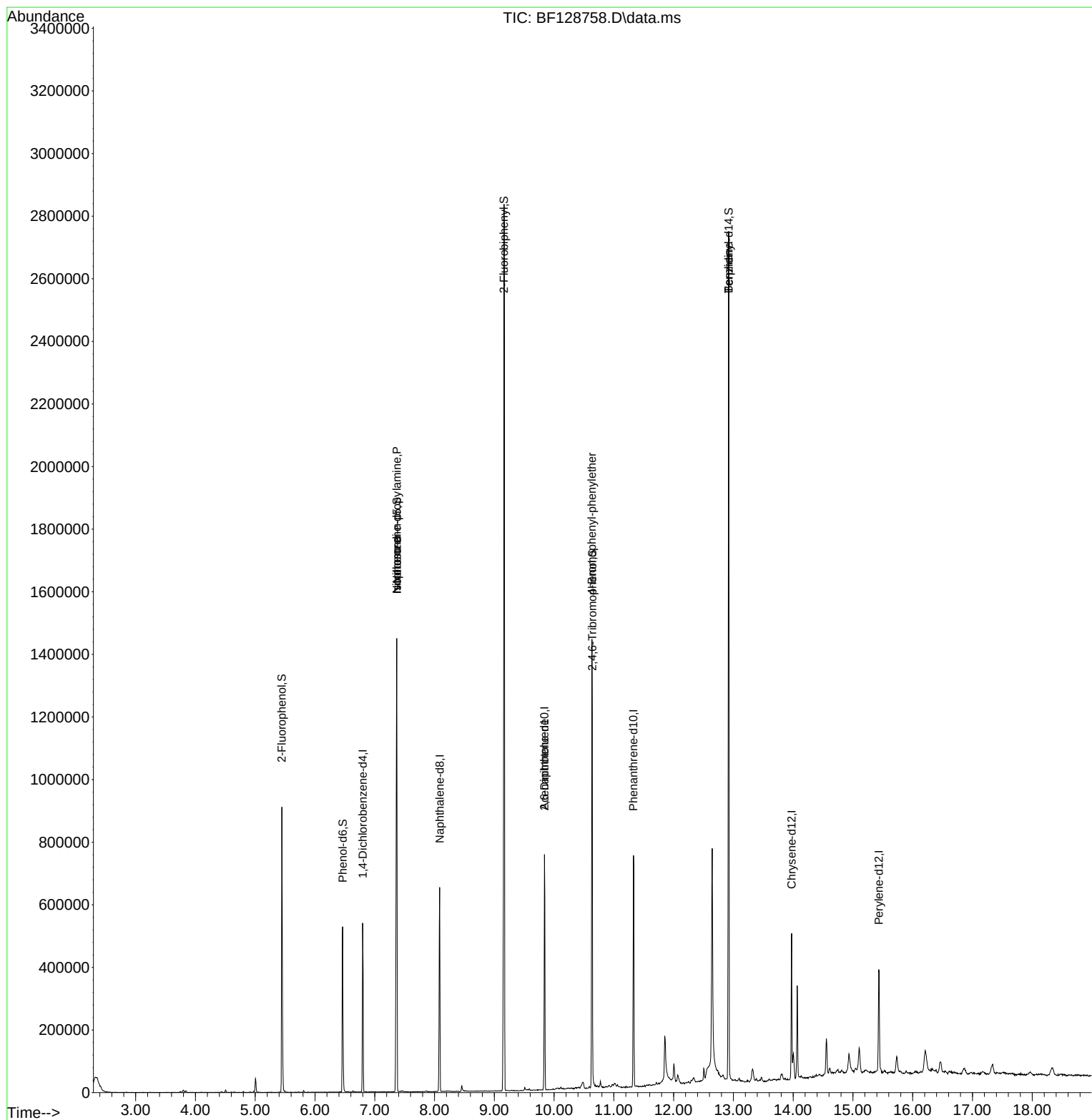
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	70290	20.000	ng	-0.01
21) Naphthalene-d8	8.086	136	271669	20.000	ng	#-0.01
39) Acenaphthene-d10	9.839	164	151152	20.000	ng	-0.02
64) Phenanthrene-d10	11.327	188	280751	20.000	ng	#-0.01
76) Chrysene-d12	13.974	240	145601	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	153222	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	213820	48.453	ng	-0.01
7) Phenol-d6	6.463	99	155944	28.950	ng	-0.02
23) Nitrobenzene-d5	7.369	82	476593	81.678	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	172069	96.347	ng	-0.01
45) 2-Fluorobiphenyl	9.163	172	936670	86.806	ng	-0.01
79) Terphenyl-d14	12.921	244	877881	104.768	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.369	70	67619	20.190	ng	# 77
25) Isophorone	7.369	82	475885	53.699	ng	# 65
51) 2,6-Dinitrotoluene	9.839	165	19503	9.551	ng	# 25
67) 4-Bromophenyl-phenylether	10.633	248	10973	3.505	ng	# 1
77) Benzidine	12.921	184	13038	4.492	ng	# 89

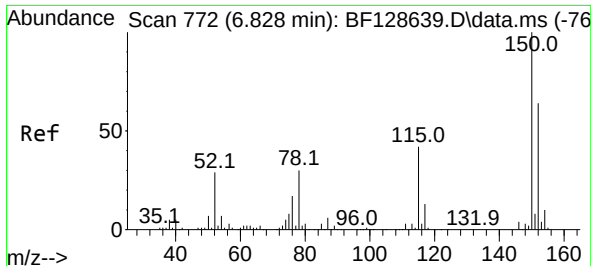
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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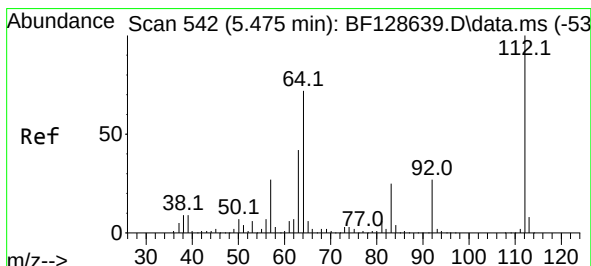
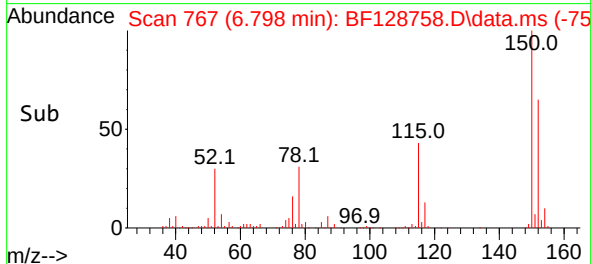
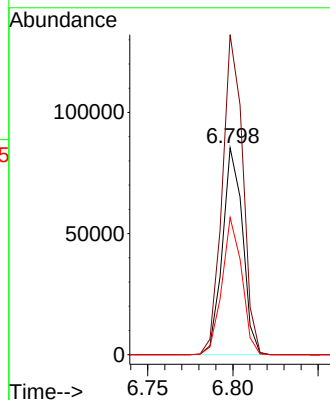
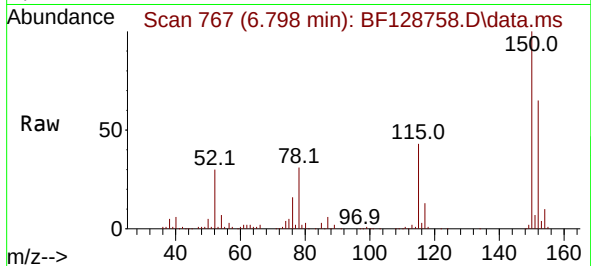




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 70
 Delta R.T. -0.012 min
 Lab File: BF128758.D
 Acq: 10 Jun 2022 14:50

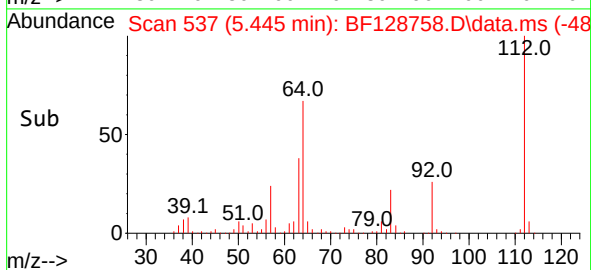
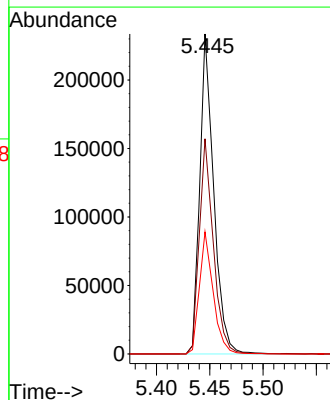
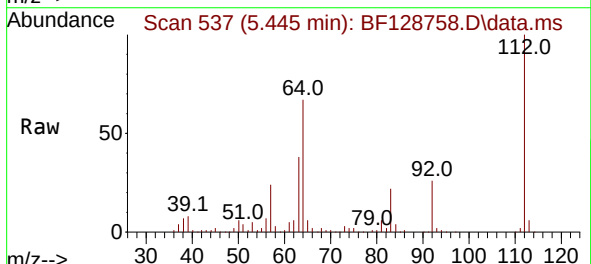
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

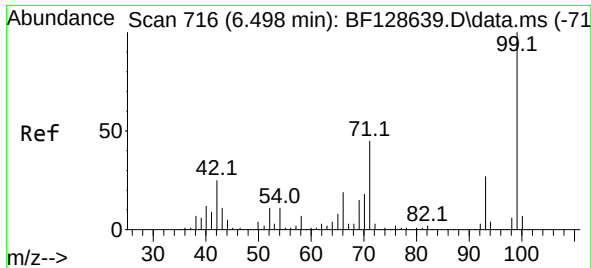
Tgt Ion:152 Resp: 70290
 Ion Ratio Lower Upper
 152 100
 150 154.7 123.7 185.5
 115 66.3 49.9 74.9



#5
 2-Fluorophenol
 Concen: 48.453 ng
 RT: 5.445 min Scan# 537
 Delta R.T. -0.012 min
 Lab File: BF128758.D
 Acq: 10 Jun 2022 14:50

Tgt Ion:112 Resp: 213820
 Ion Ratio Lower Upper
 112 100
 64 67.2 53.3 79.9
 63 38.1 28.0 42.0

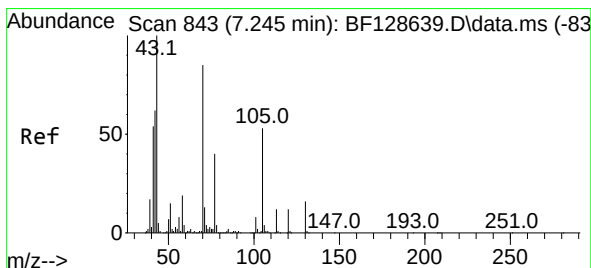
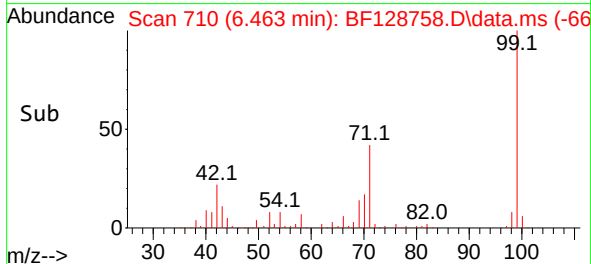
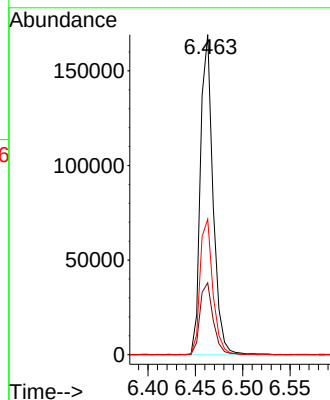
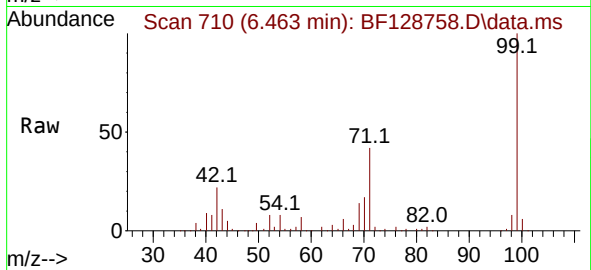




#7
Phenol-d6
Concen: 28.950 ng
RT: 6.463 min Scan# 716
Delta R.T. -0.018 min
Lab File: BF128758.D
Acq: 10 Jun 2022 14:50

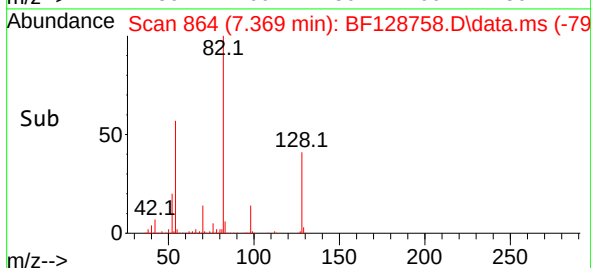
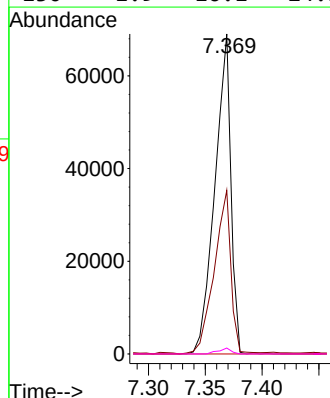
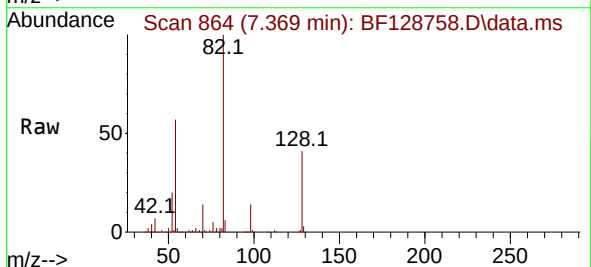
Instrument :
BNA_F
ClientSampleId :
MW-1

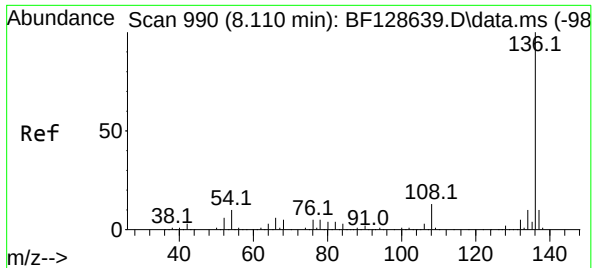
Tgt Ion: 99 Resp: 155944
Ion Ratio Lower Upper
99 100
42 22.5 17.3 25.9
71 42.4 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.190 ng
RT: 7.369 min Scan# 864
Delta R.T. 0.135 min
Lab File: BF128758.D
Acq: 10 Jun 2022 14:50

Tgt Ion: 70 Resp: 67619
Ion Ratio Lower Upper
70 100
42 51.1 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#

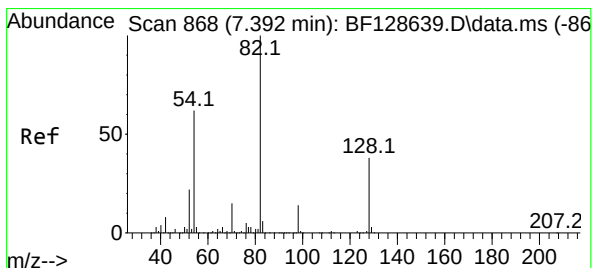
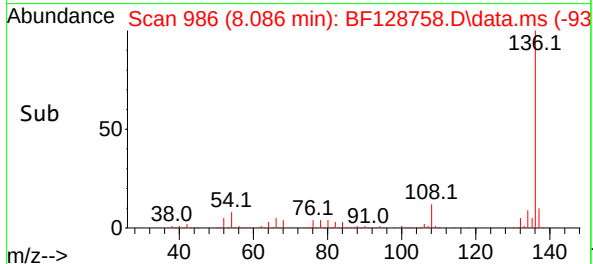
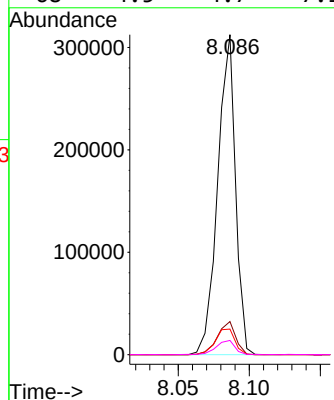
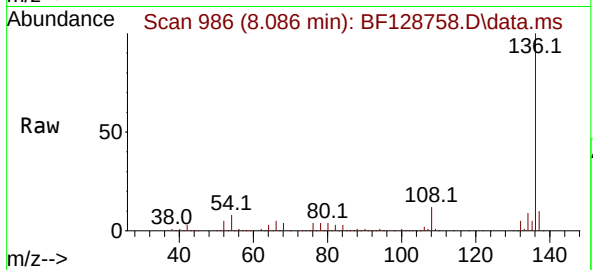




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF128758.D
Acq: 10 Jun 2022 14:50

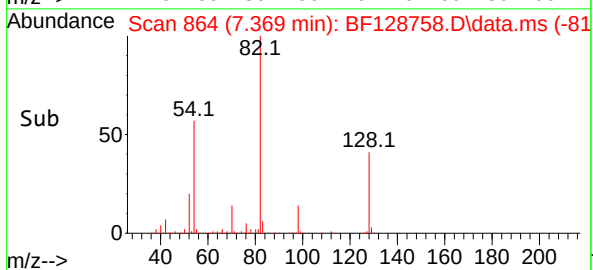
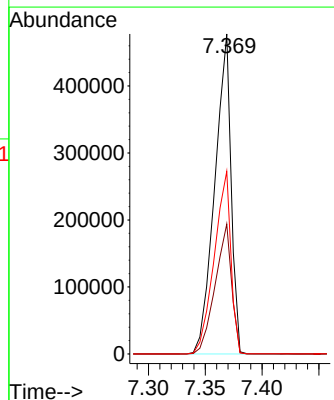
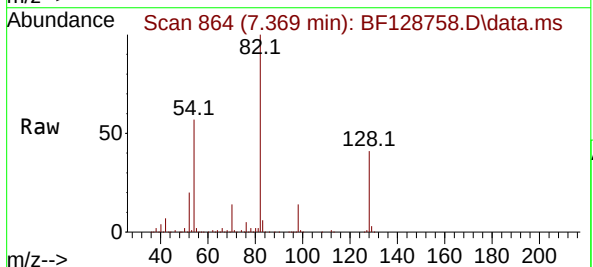
Instrument :
BNA_F
ClientSampleId :
MW-1

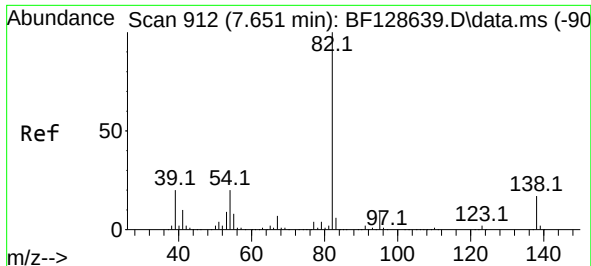
Tgt Ion:136 Resp: 271669
Ion Ratio Lower Upper
136 100
137 10.3 8.8 13.2
54 8.0 7.5 11.3
68 4.5 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 81.678 ng
RT: 7.369 min Scan# 864
Delta R.T. -0.012 min
Lab File: BF128758.D
Acq: 10 Jun 2022 14:50

Tgt Ion: 82 Resp: 476593
Ion Ratio Lower Upper
82 100
128 40.6 34.0 51.0
54 57.0 46.9 70.3

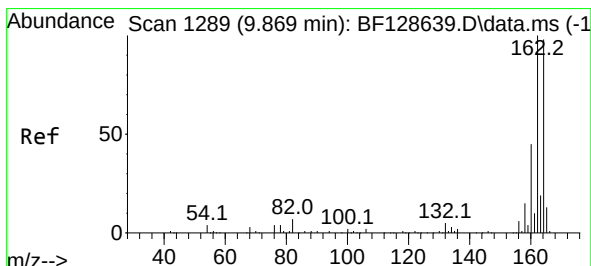
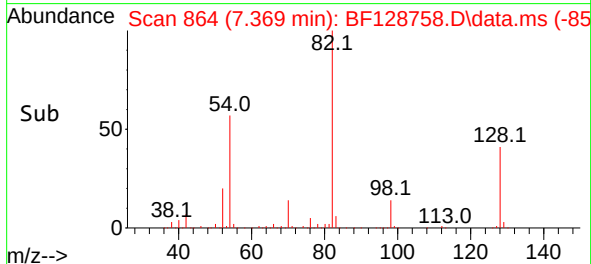
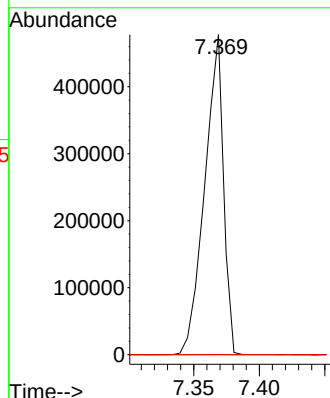
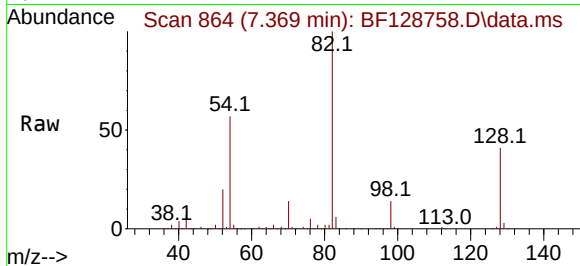




#25
Isophorone
Concen: 53.699 ng
RT: 7.369 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128758.D
Acq: 10 Jun 2022 14:50

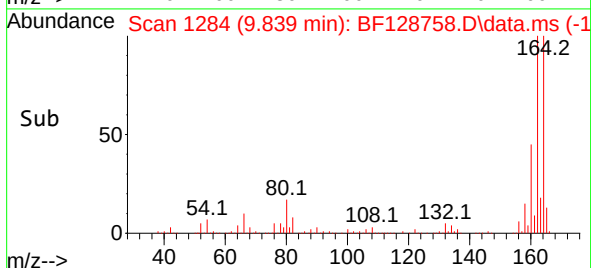
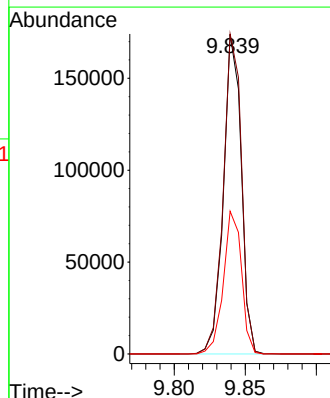
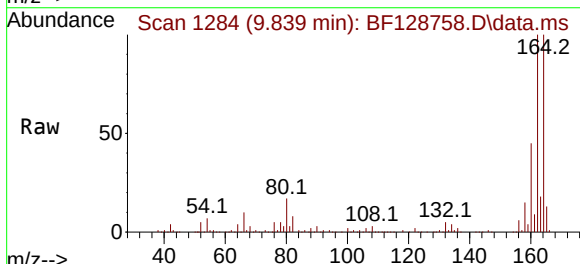
Instrument :
BNA_F
ClientSampleId :
MW-1

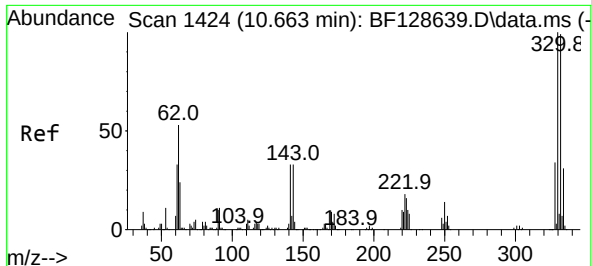
Tgt Ion: 82 Resp: 475885
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1284
Delta R.T. -0.018 min
Lab File: BF128758.D
Acq: 10 Jun 2022 14:50

Tgt Ion:164 Resp: 151152
Ion Ratio Lower Upper
164 100
162 100.1 79.5 119.3
160 44.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 96.347 ng

RT: 10.639 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128758.D

Acq: 10 Jun 2022 14:50

Instrument :

BNA_F

ClientSampleId :

MW-1

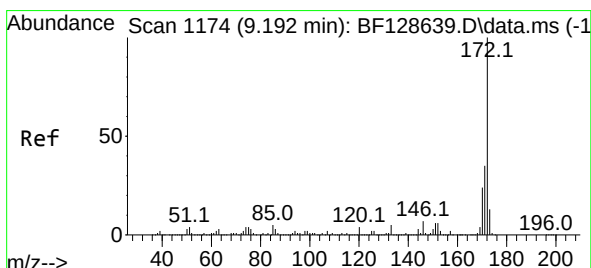
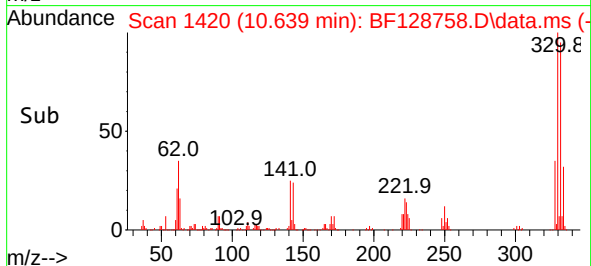
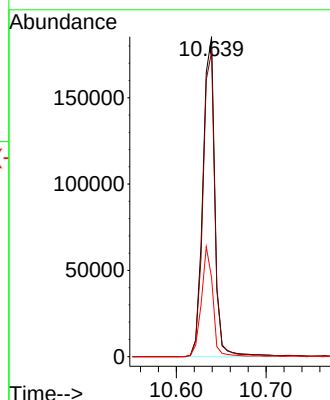
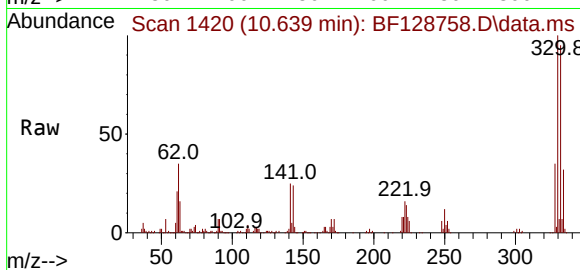
Tgt Ion:330 Resp: 172069

Ion Ratio Lower Upper

330 100

332 95.7 76.8 115.2

141 32.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 86.806 ng

RT: 9.163 min Scan# 1169

Delta R.T. -0.012 min

Lab File: BF128758.D

Acq: 10 Jun 2022 14:50

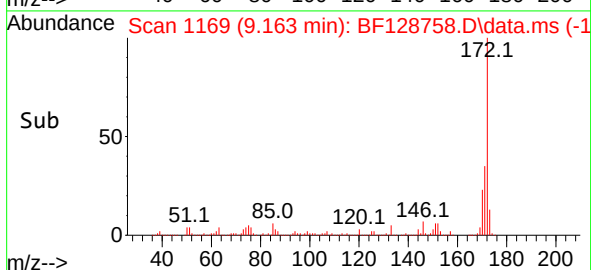
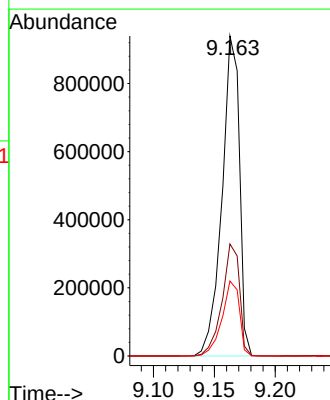
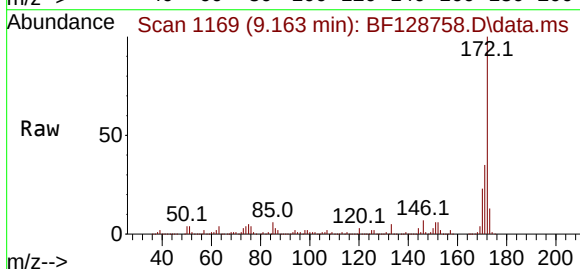
Tgt Ion:172 Resp: 936670

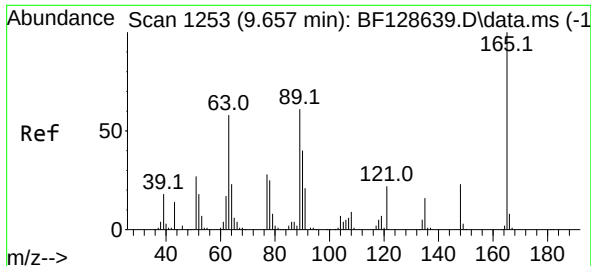
Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.4 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.551 ng

RT: 9.839 min Scan# 1

Delta R.T. 0.194 min

Lab File: BF128758.D

Acq: 10 Jun 2022 14:50

Instrument :

BNA_F

ClientSampleId :

MW-1

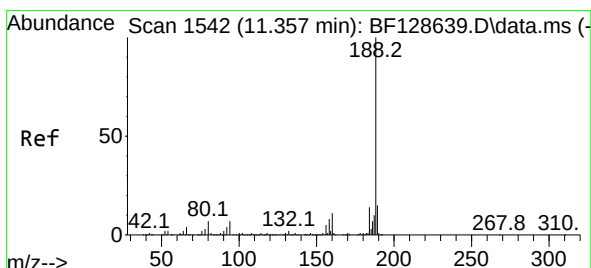
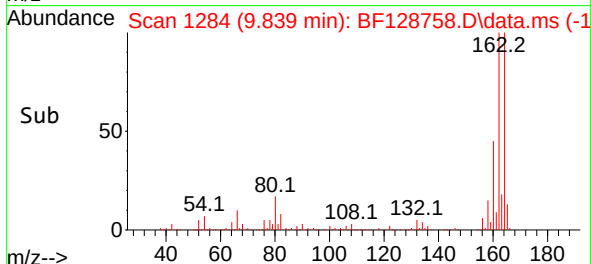
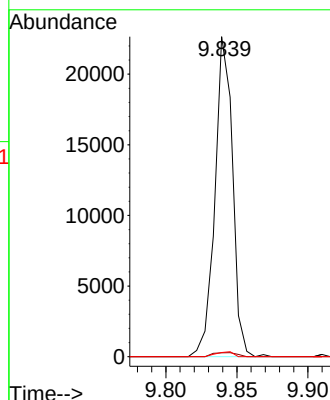
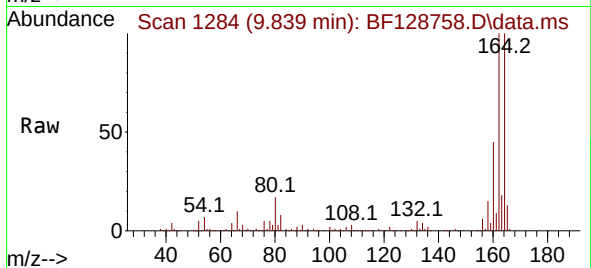
Tgt Ion:165 Resp: 19503

Ion Ratio Lower Upper

165 100

63 1.2 44.9 67.3#

89 1.3 43.6 65.4#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1537

Delta R.T. -0.012 min

Lab File: BF128758.D

Acq: 10 Jun 2022 14:50

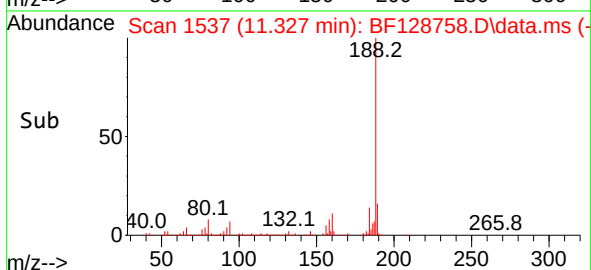
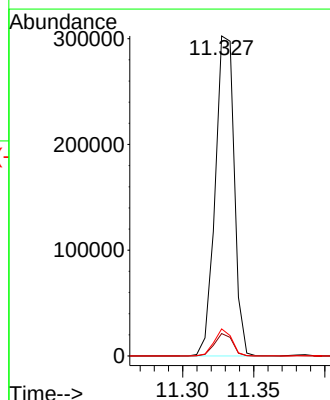
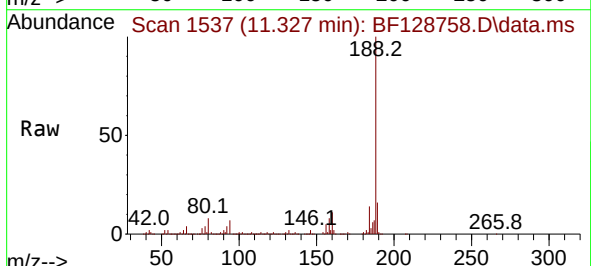
Tgt Ion:188 Resp: 280751

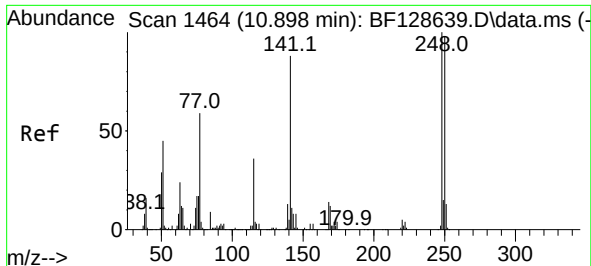
Ion Ratio Lower Upper

188 100

94 7.0 7.0 10.6#

80 8.4 7.6 11.4

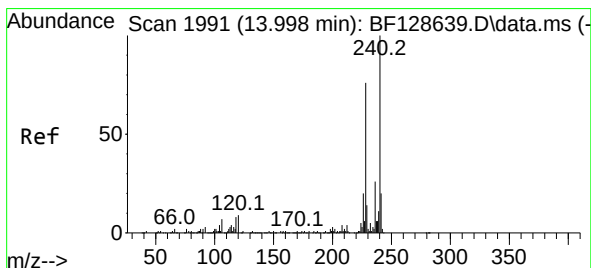
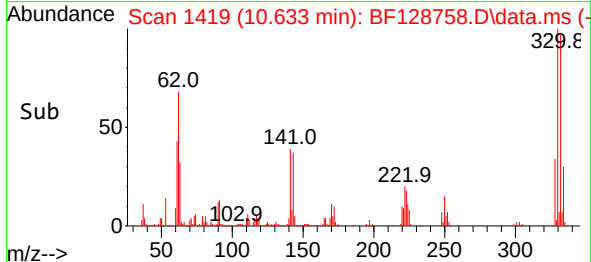
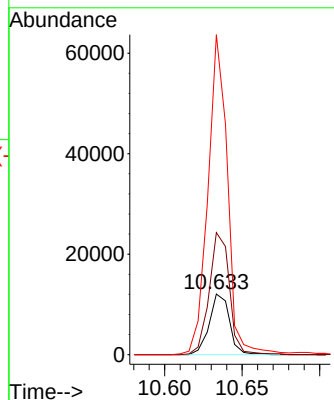
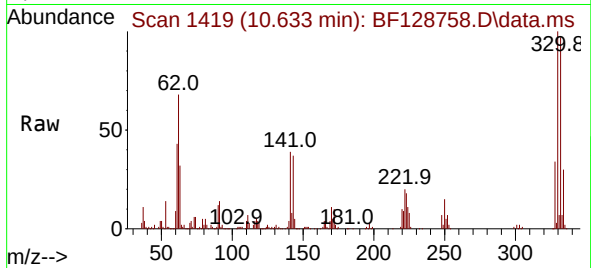




#67
4-Bromophenyl-phenylether
Concen: 3.505 ng
RT: 10.633 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF128758.D
Acq: 10 Jun 2022 14:50

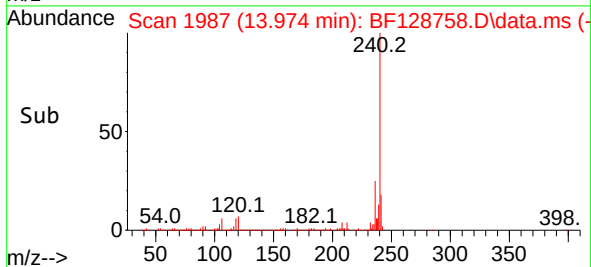
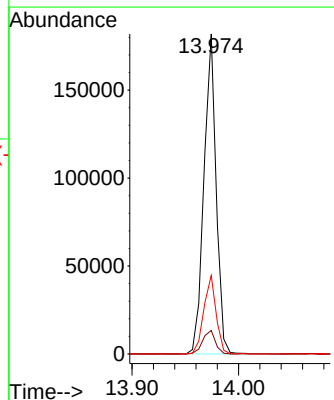
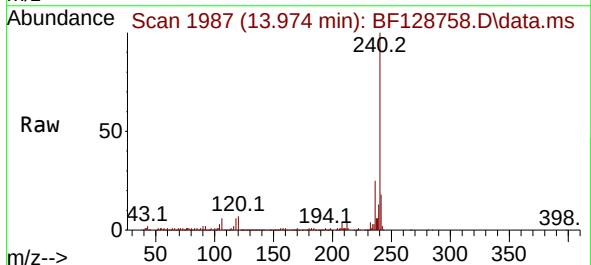
Instrument :
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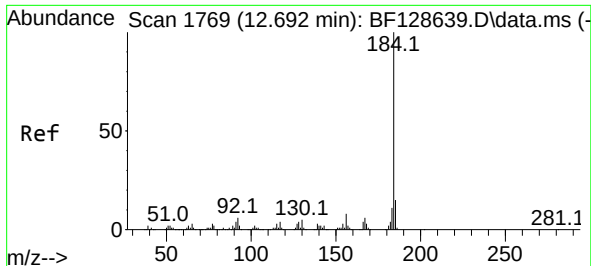
Tgt Ion:248 Resp: 10973
Ion Ratio Lower Upper
248 100
250 201.5 80.6 120.8#
141 528.0 58.9 88.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 1987
Delta R.T. -0.012 min
Lab File: BF128758.D
Acq: 10 Jun 2022 14:50

Tgt Ion:240 Resp: 145601
Ion Ratio Lower Upper
240 100
120 7.3 8.9 13.3#
236 24.5 20.8 31.2

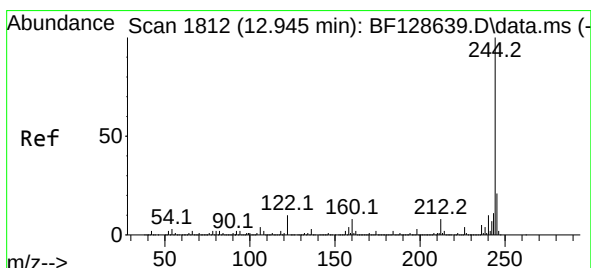
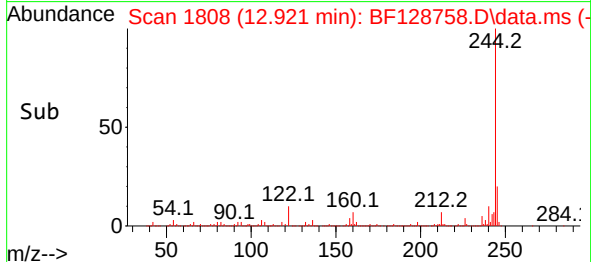
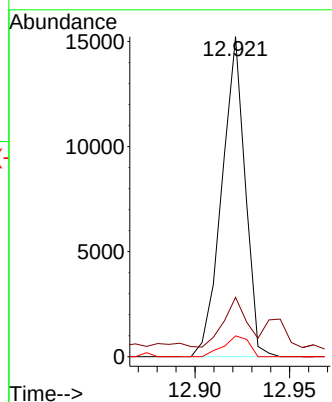
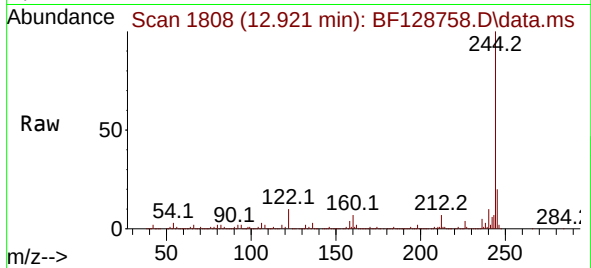




#77
Benzidine
Concen: 4.492 ng
RT: 12.921 min Scan# 1808
Delta R.T. 0.241 min
Lab File: BF128758.D
Acq: 10 Jun 2022 14:50

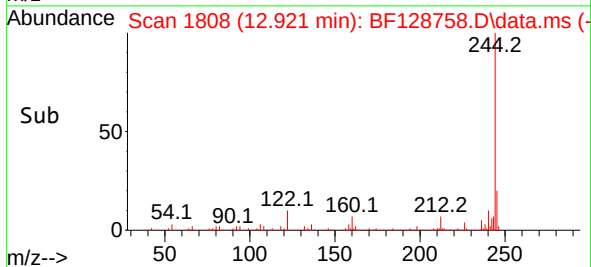
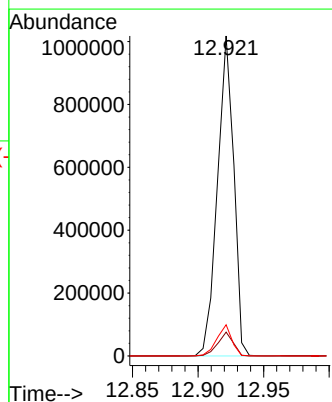
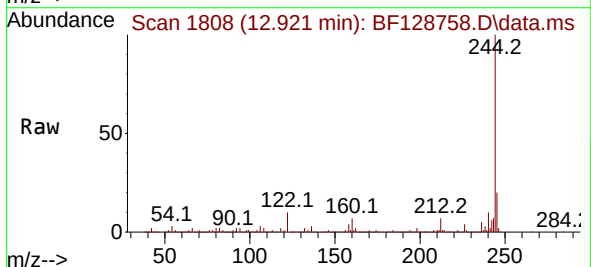
Instrument :
BNA_F
ClientSampleId :
MW-1

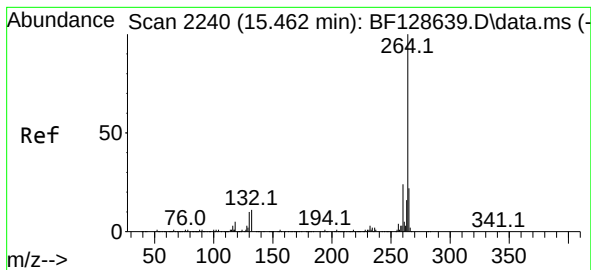
Tgt Ion:184 Resp: 13038
Ion Ratio Lower Upper
184 100
185 18.5 11.9 17.9#
183 6.5 9.3 13.9#



#79
Terphenyl-d14
Concen: 104.768 ng
RT: 12.921 min Scan# 1808
Delta R.T. -0.012 min
Lab File: BF128758.D
Acq: 10 Jun 2022 14:50

Tgt Ion:244 Resp: 877881
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 9.8 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.433 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF128758.D
 Acq: 10 Jun 2022 14:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Tgt Ion:264 Resp: 153222
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.4 27.6
 265 21.8 17.2 25.8

