

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
 Data File : BF128761.D
 Acq On : 10 Jun 2022 16:18
 Operator : CG\JU
 Sample : N3286-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6D

Quant Time: Jun 11 01:27:11 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)

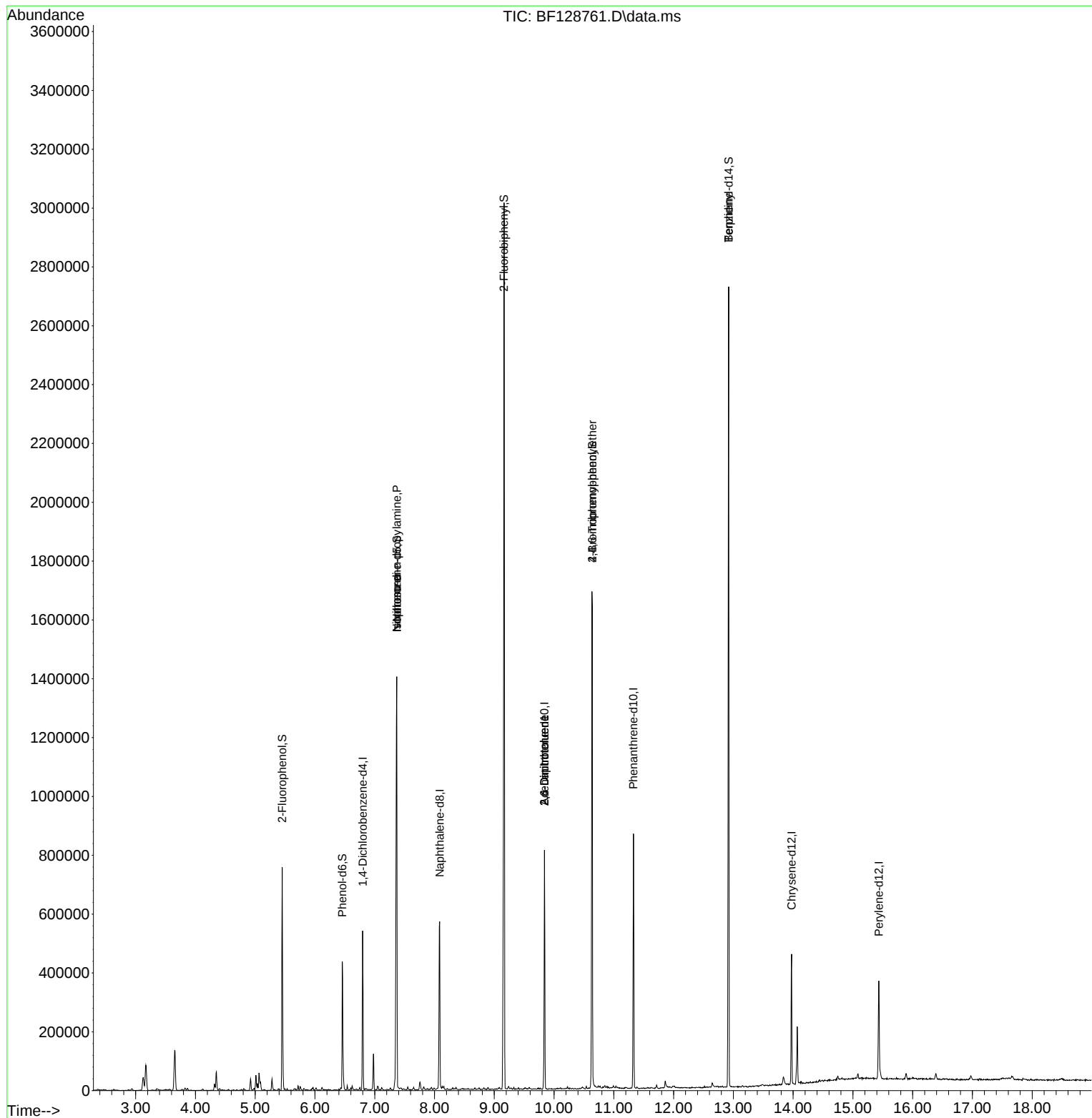
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	69529	20.000	ng	-0.01
21) Naphthalene-d8	8.087	136	270294	20.000	ng	#-0.01
39) Acenaphthene-d10	9.839	164	157256	20.000	ng	-0.02
64) Phenanthrene-d10	11.328	188	291757	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	147681	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	150213	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	179457	41.112	ng	0.00
7) Phenol-d6	6.457	99	130423	24.477	ng	-0.02
23) Nitrobenzene-d5	7.369	82	499576	86.053	ng	-0.01
42) 2,4,6-Tribromophenol	10.639	330	218889	117.805	ng	-0.01
45) 2-Fluorobiphenyl	9.163	172	988933	88.092	ng	-0.01
79) Terphenyl-d14	12.922	244	904500	106.425	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.369	70	70535	21.291	ng	# 74
25) Isophorone	7.369	82	496995	56.366	ng	# 65
51) 2,6-Dinitrotoluene	9.839	165	20471	9.636	ng	# 26
57) 2,4-Dinitrotoluene	9.839	165	20471	7.220	ng	# 22
67) 4-Bromophenyl-phenylether	10.639	248	14238	4.376	ng	# 1
77) Benzidine	12.922	184	12487	4.242	ng	# 88

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
Data File : BF128761.D
Acq On : 10 Jun 2022 16:18
Operator : CG\JU
Sample : N3286-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-6D

Quant Time: Jun 11 01:27:11 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

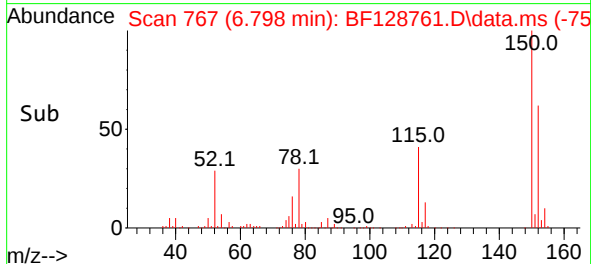
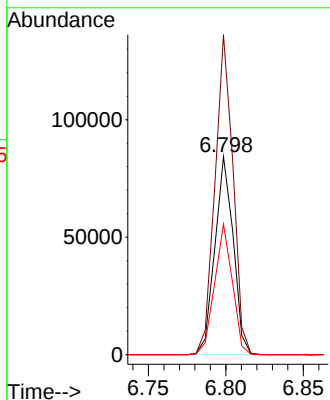
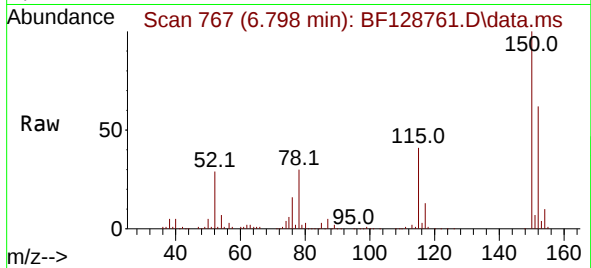




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF128761.D
Acq: 10 Jun 2022 16:18

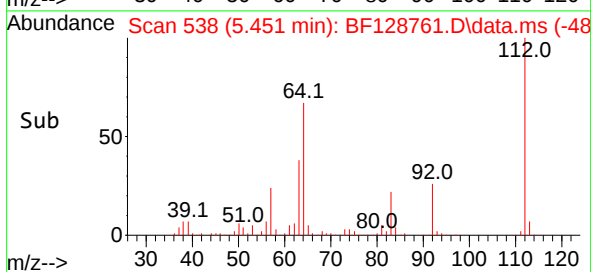
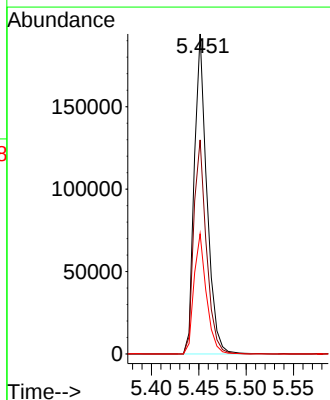
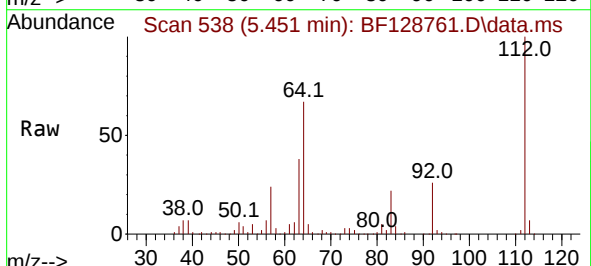
Instrument :
BNA_F
ClientSampleId :
MW-6D

Tgt Ion:152 Resp: 69529
Ion Ratio Lower Upper
152 100
150 161.5 123.7 185.5
115 65.9 49.9 74.9



#5
2-Fluorophenol
Concen: 41.112 ng
RT: 5.451 min Scan# 538
Delta R.T. -0.006 min
Lab File: BF128761.D
Acq: 10 Jun 2022 16:18

Tgt Ion:112 Resp: 179457
Ion Ratio Lower Upper
112 100
64 66.9 53.3 79.9
63 37.6 28.0 42.0

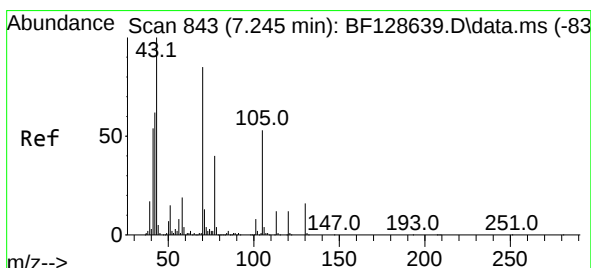
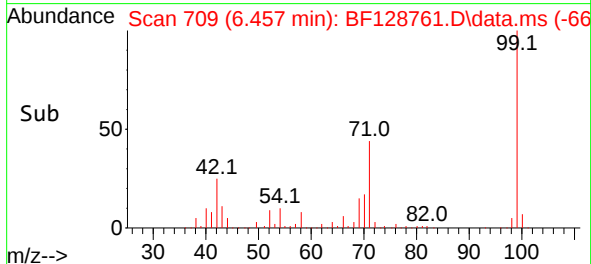
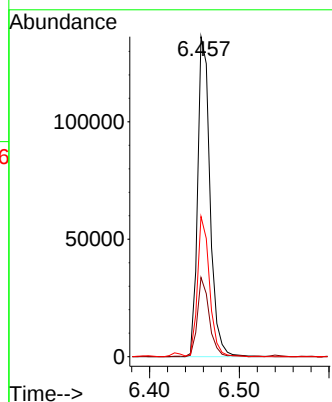
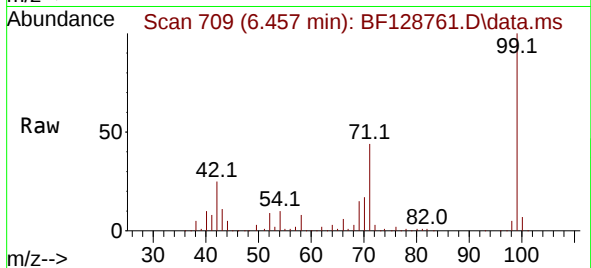




#7
Phenol-d6
Concen: 24.477 ng
RT: 6.457 min Scan# 709
Delta R.T. -0.024 min
Lab File: BF128761.D
Acq: 10 Jun 2022 16:18

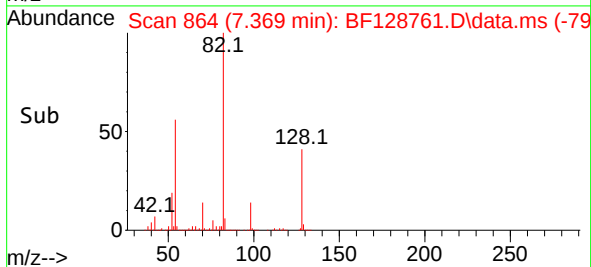
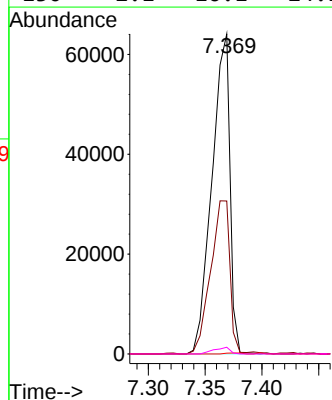
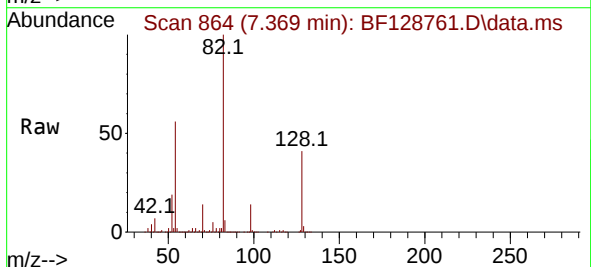
Instrument :
BNA_F
ClientSampleId :
MW-6D

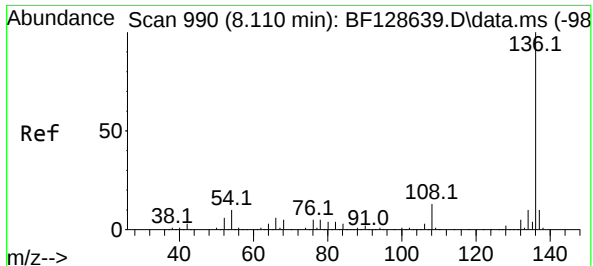
Tgt Ion: 99 Resp: 130423
Ion Ratio Lower Upper
99 100
42 24.7 17.3 25.9
71 43.8 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 21.291 ng
RT: 7.369 min Scan# 864
Delta R.T. 0.135 min
Lab File: BF128761.D
Acq: 10 Jun 2022 16:18

Tgt Ion: 70 Resp: 70535
Ion Ratio Lower Upper
70 100
42 47.8 52.3 78.5#
101 0.3 7.5 11.3#
130 2.1 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.087 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF128761.D

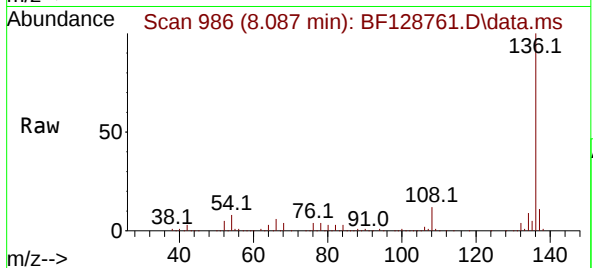
Acq: 10 Jun 2022 16:18

Instrument :

BNA_F

ClientSampleId :

MW-6D



Tgt Ion:136 Resp: 270294

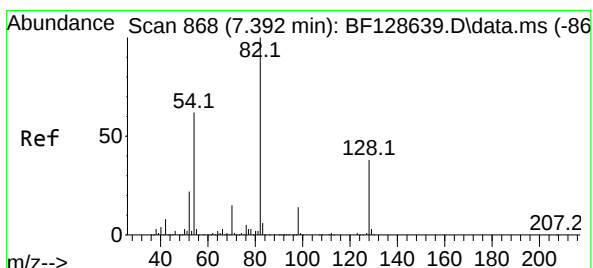
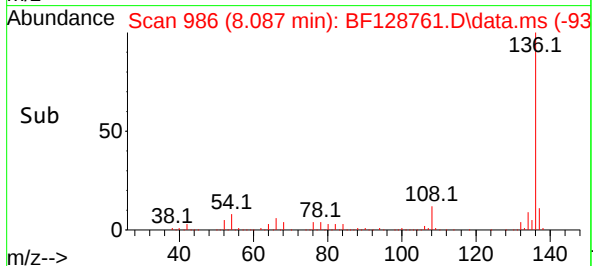
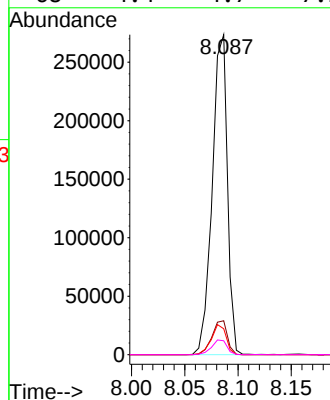
Ion Ratio Lower Upper

136 100

137 10.6 8.8 13.2

54 8.1 7.5 11.3

68 4.4 4.7 7.1#



#23

Nitrobenzene-d5

Concen: 86.053 ng

RT: 7.369 min Scan# 864

Delta R.T. -0.012 min

Lab File: BF128761.D

Acq: 10 Jun 2022 16:18

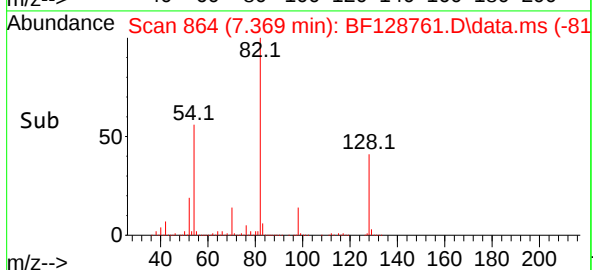
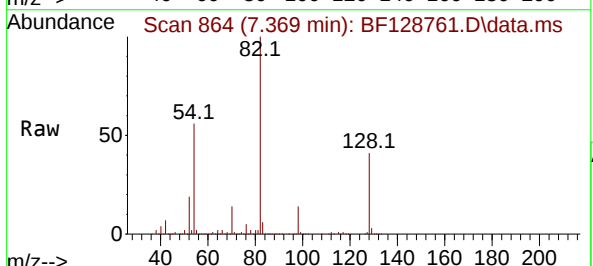
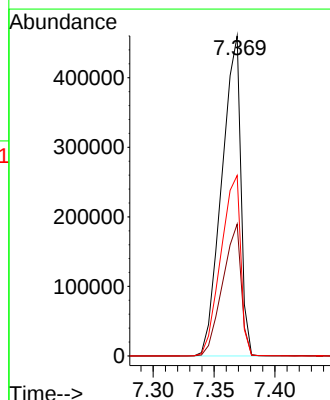
Tgt Ion: 82 Resp: 499576

Ion Ratio Lower Upper

82 100

128 41.2 34.0 51.0

54 56.4 46.9 70.3

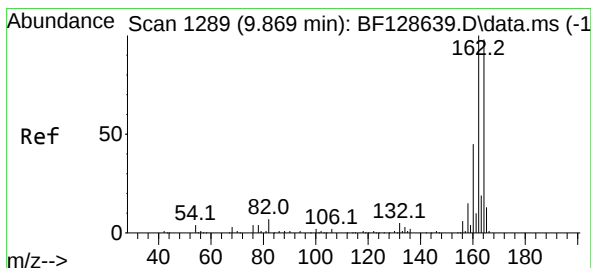
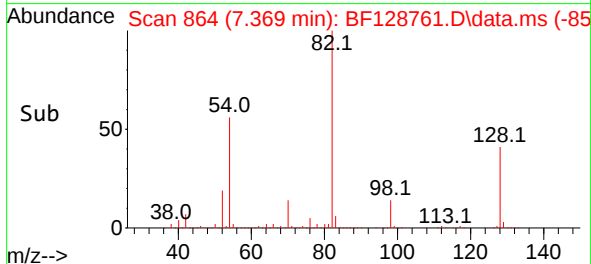
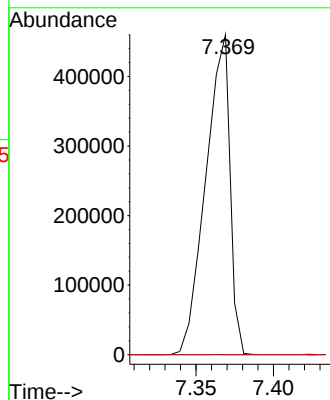
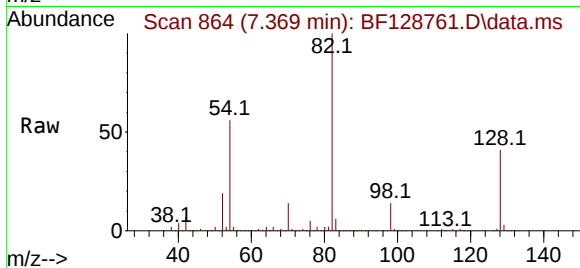




#25
Isophorone
Concen: 56.366 ng
RT: 7.369 min Scan# 80
Delta R.T. -0.271 min
Lab File: BF128761.D
Acq: 10 Jun 2022 16:18

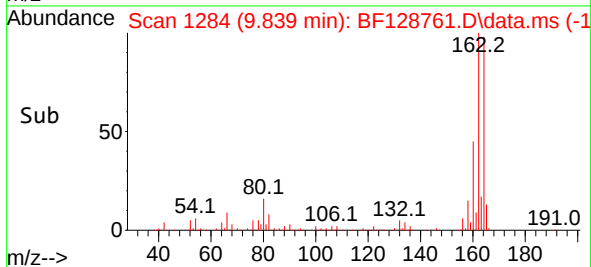
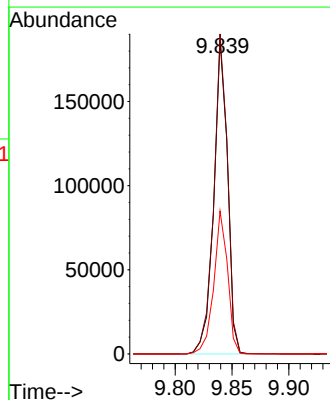
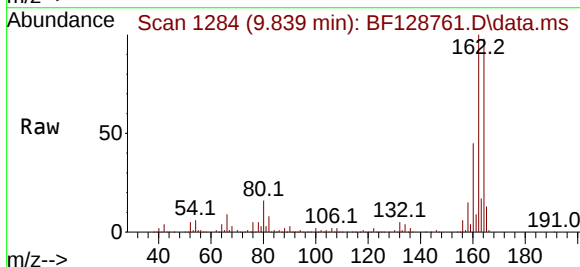
Instrument :
BNA_F
ClientSampleId :
MW-6D

Tgt Ion: 82 Resp: 496995
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: BF128761.D
Acq: 10 Jun 2022 16:18

Tgt Ion:164 Resp: 157256
Ion Ratio Lower Upper
164 100
162 102.0 79.5 119.3
160 45.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 117.805 ng

RT: 10.639 min Scan# 1424

Delta R.T. -0.012 min

Lab File: BF128761.D

Acq: 10 Jun 2022 16:18

Instrument :

BNA_F

ClientSampleId :

MW-6D

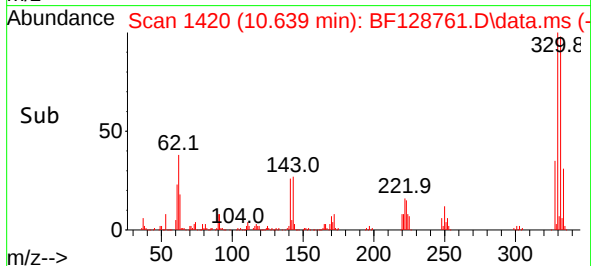
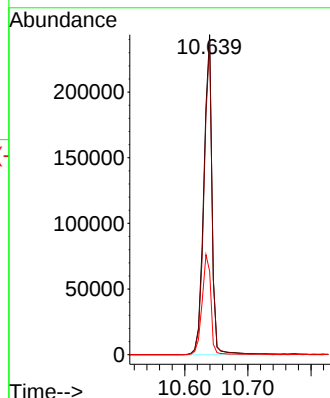
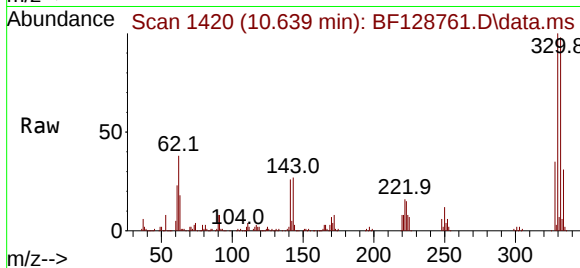
Tgt Ion:330 Resp: 218889

Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

141 33.7 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 88.092 ng

RT: 9.163 min Scan# 1169

Delta R.T. -0.012 min

Lab File: BF128761.D

Acq: 10 Jun 2022 16:18

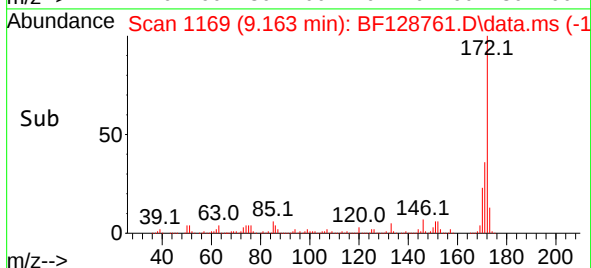
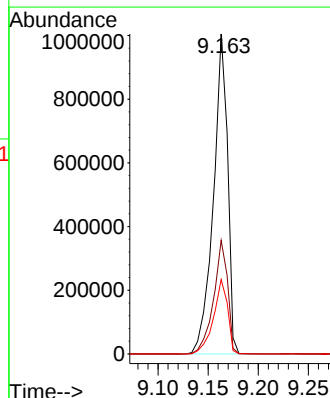
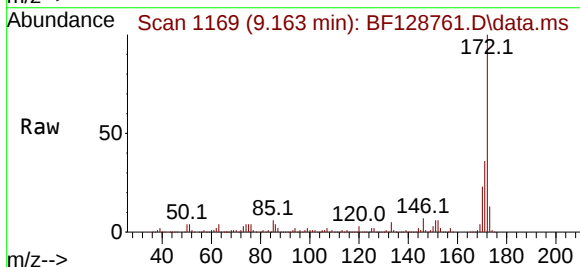
Tgt Ion:172 Resp: 988933

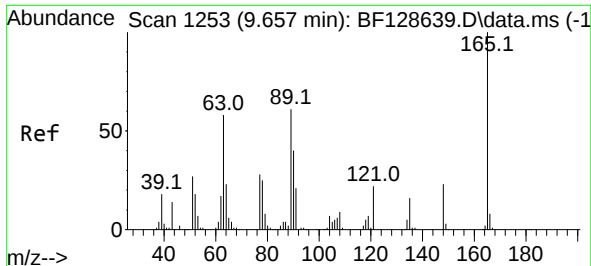
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.2 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.636 ng

RT: 9.839 min Scan# 1284

Delta R.T. 0.194 min

Lab File: BF128761.D

Acq: 10 Jun 2022 16:18

Instrument :

BNA_F

ClientSampleId :

MW-6D

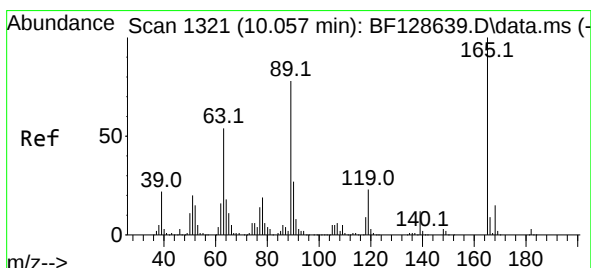
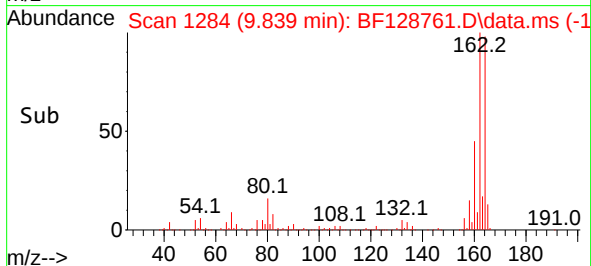
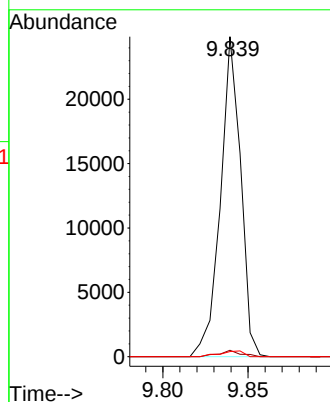
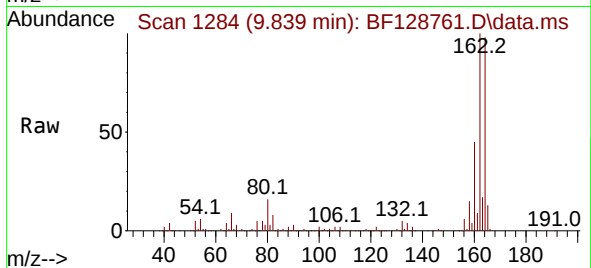
Tgt Ion:165 Resp: 20471

Ion Ratio Lower Upper

165 100

63 2.0 44.9 67.3#

89 1.6 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.220 ng

RT: 9.839 min Scan# 1284

Delta R.T. -0.206 min

Lab File: BF128761.D

Acq: 10 Jun 2022 16:18

Tgt Ion:165 Resp: 20471

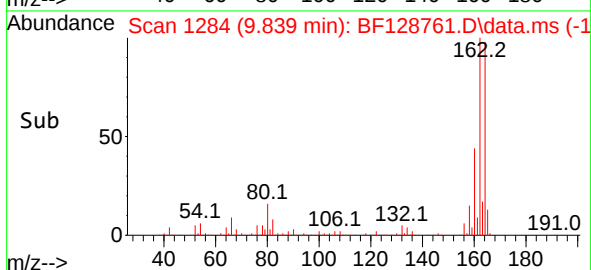
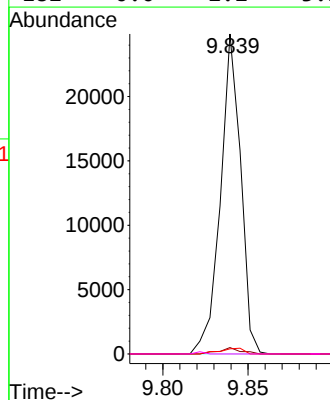
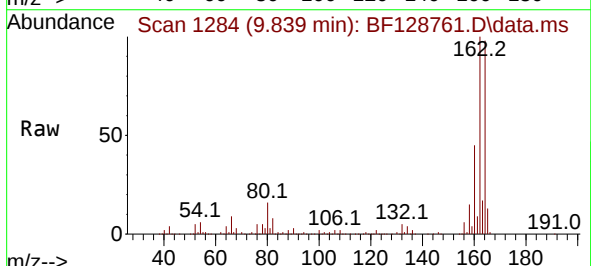
Ion Ratio Lower Upper

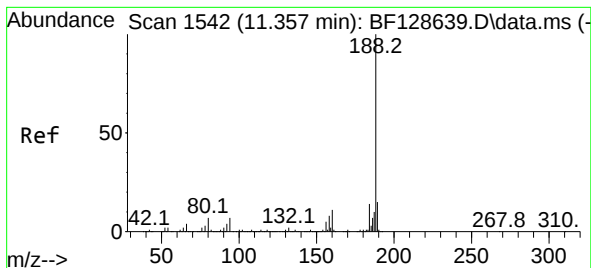
165 100

63 2.0 39.8 59.6#

89 1.6 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.328 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF128761.D

Acq: 10 Jun 2022 16:18

Instrument :

BNA_F

ClientSampleId :

MW-6D

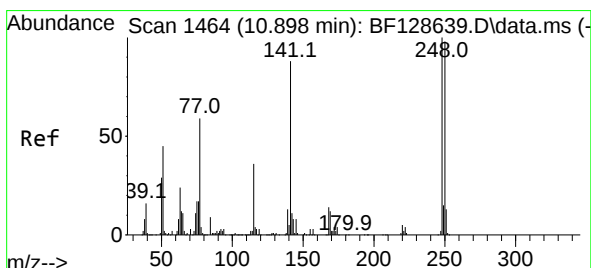
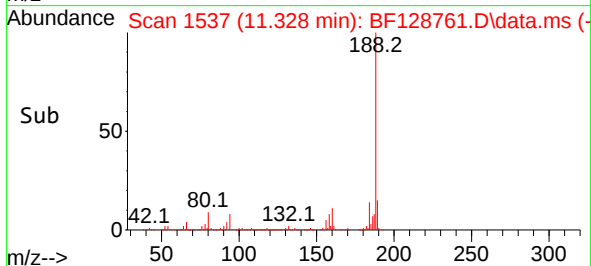
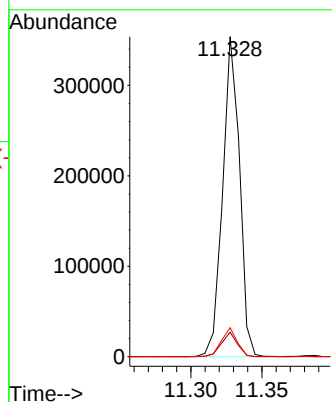
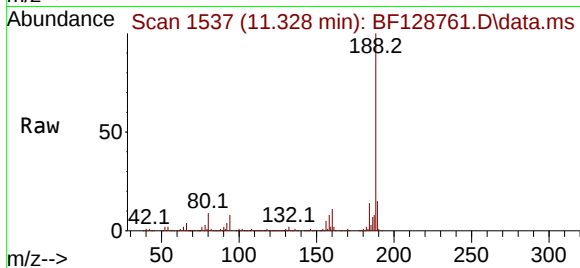
Tgt Ion:188 Resp: 291757

Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.6

80 9.1 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.376 ng

RT: 10.639 min Scan# 1420

Delta R.T. -0.247 min

Lab File: BF128761.D

Acq: 10 Jun 2022 16:18

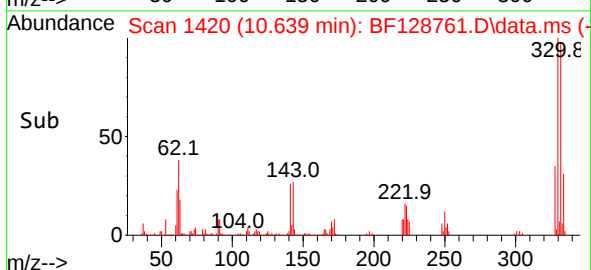
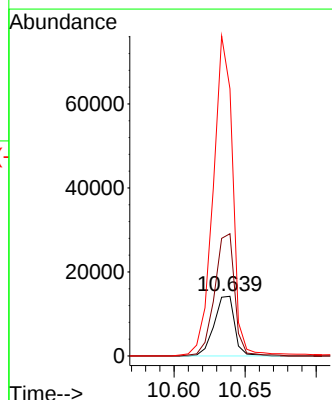
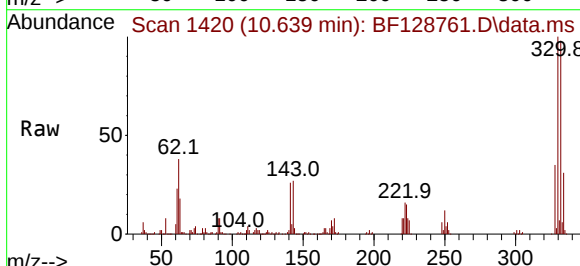
Tgt Ion:248 Resp: 14238

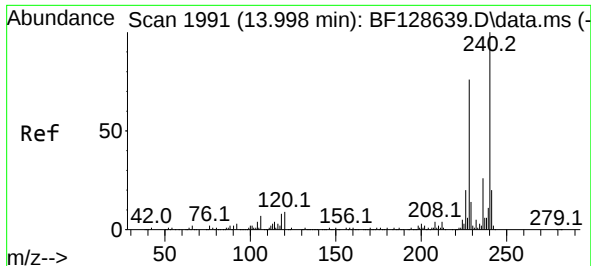
Ion Ratio Lower Upper

248 100

250 204.8 80.6 120.8#

141 447.8 58.9 88.3#

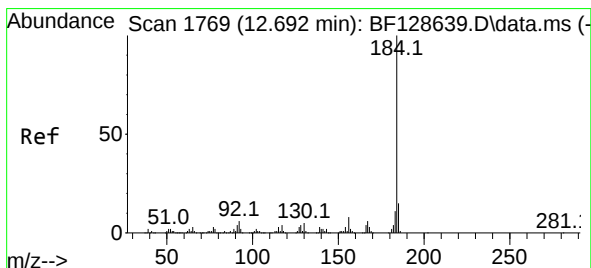
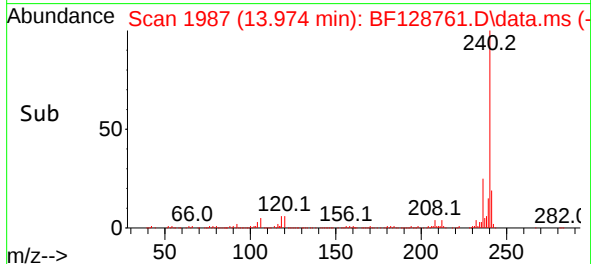
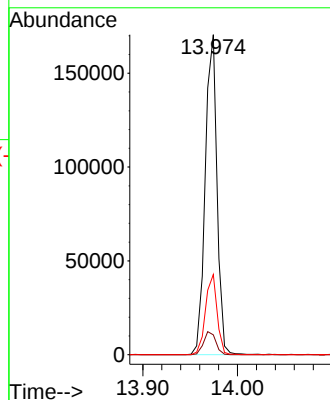
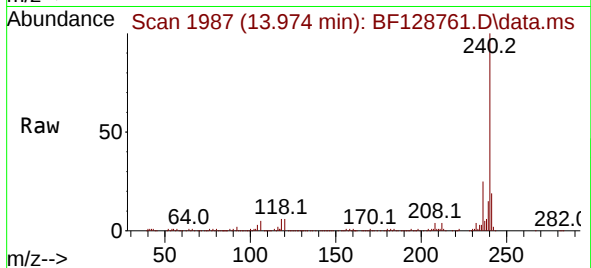




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128761.D
Acq: 10 Jun 2022 16:18

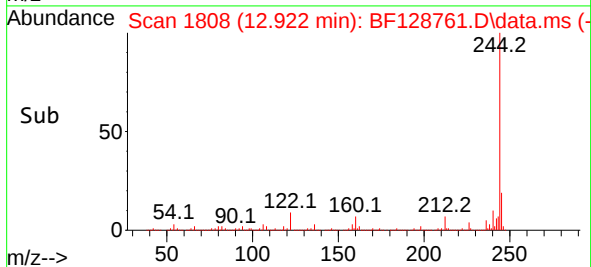
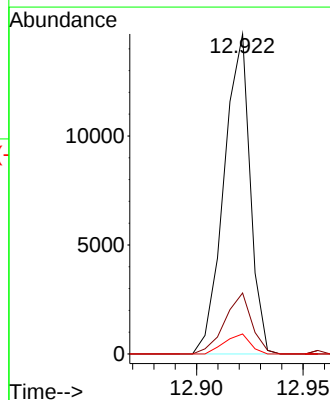
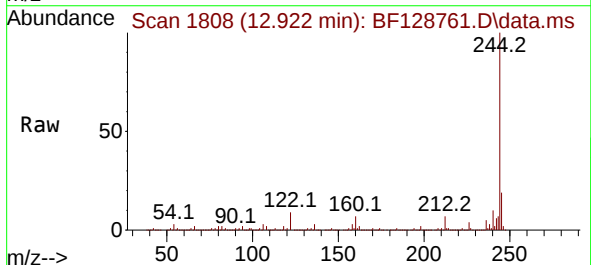
Instrument :
BNA_F
ClientSampleId :
MW-6D

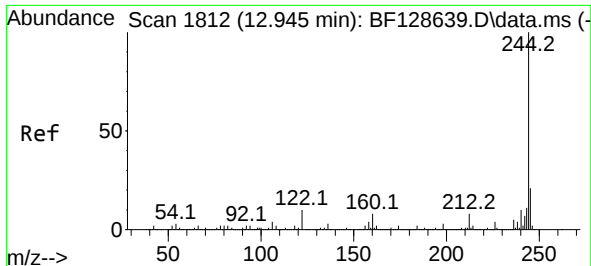
Tgt Ion:240 Resp: 147681
Ion Ratio Lower Upper
240 100
120 6.2 8.9 13.3#
236 25.1 20.8 31.2



#77
Benzidine
Concen: 4.242 ng
RT: 12.922 min Scan# 1808
Delta R.T. 0.241 min
Lab File: BF128761.D
Acq: 10 Jun 2022 16:18

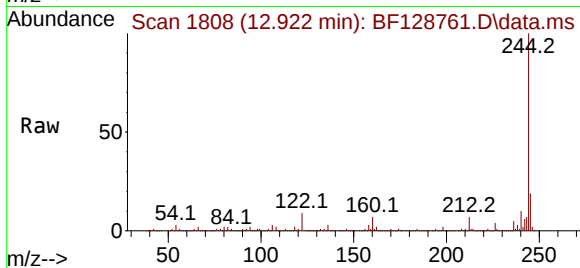
Tgt Ion:184 Resp: 12487
Ion Ratio Lower Upper
184 100
185 19.0 11.9 17.9#
183 6.3 9.3 13.9#



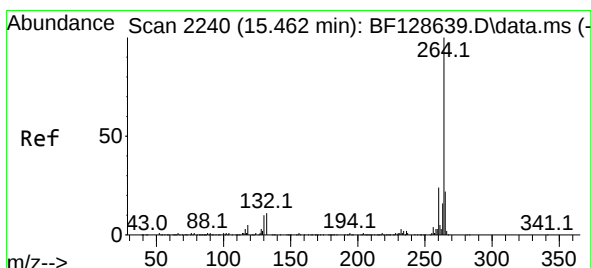
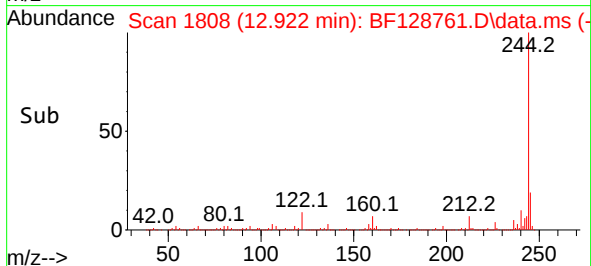
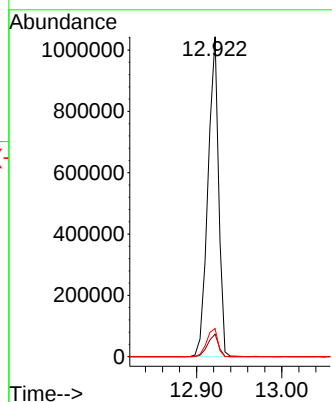


#79
 Terphenyl-d14
 Concen: 106.425 ng
 RT: 12.922 min Scan# 1808
 Delta R.T. -0.012 min
 Lab File: BF128761.D
 Acq: 10 Jun 2022 16:18

Instrument :
 BNA_F
 ClientSampleId :
 MW-6D



Tgt Ion:244 Resp: 904500
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 8.8 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: BF128761.D
 Acq: 10 Jun 2022 16:18

Tgt Ion:264 Resp: 150213
 Ion Ratio Lower Upper
 264 100
 260 22.6 18.4 27.6
 265 21.0 17.2 25.8

