

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061022\
 Data File : BF128762.D
 Acq On : 10 Jun 2022 16:48
 Operator : CG\JU
 Sample : N3286-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-101R

Quant Time: Jun 11 01:27:17 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)

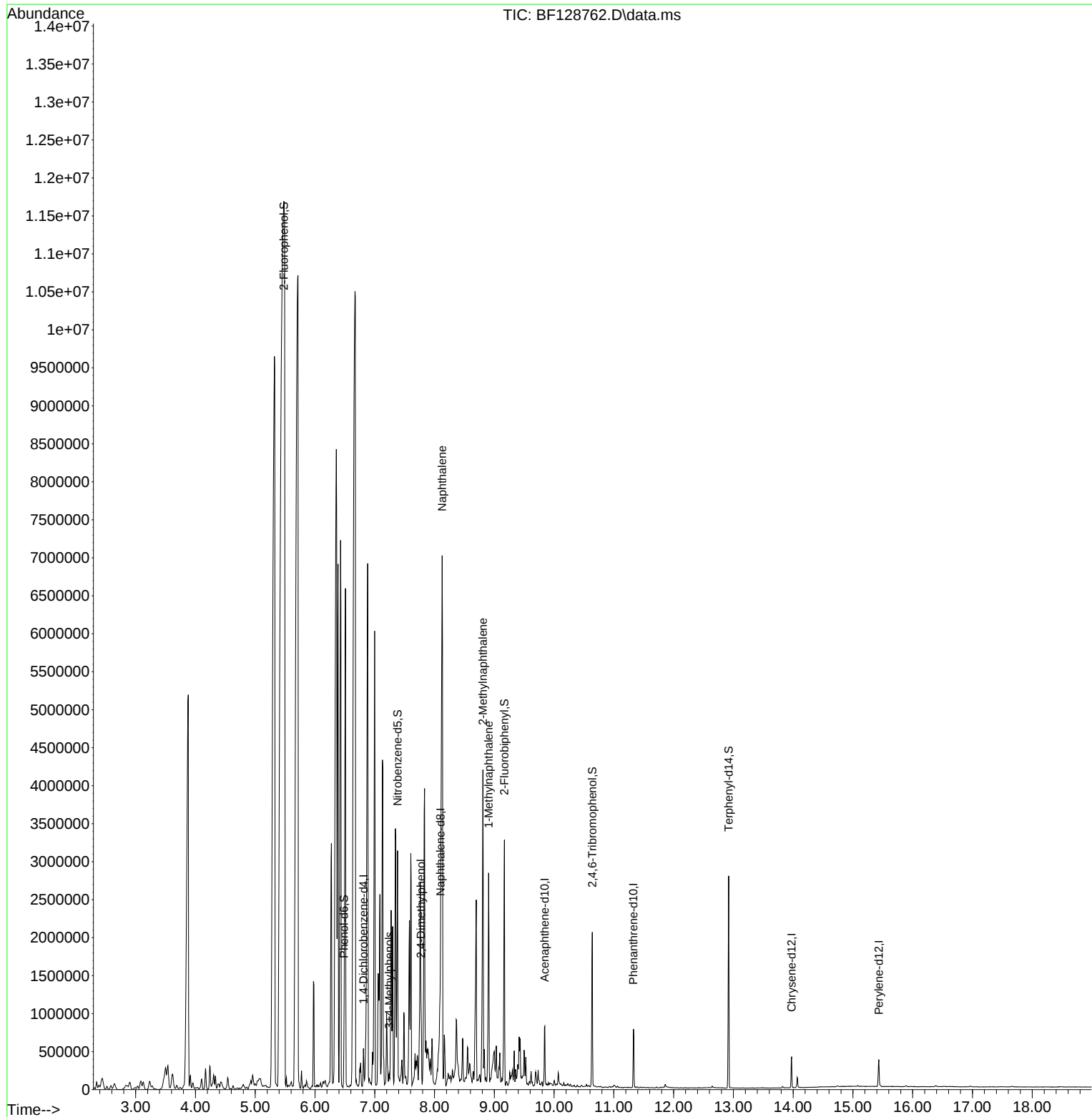
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	67981	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	263113	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	156344	20.000	ng	-0.01
64) Phenanthrene-d10	11.327	188	277677	20.000	ng	-0.01
76) Chrysene-d12	13.974	240	140589	20.000	ng	#-0.01
86) Perylene-d12	15.433	264	154975	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	112761	26.421	ng	0.02
7) Phenol-d6	6.487	99	186466	35.792	ng	0.00
23) Nitrobenzene-d5	7.381	82	498892	88.280	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	242968	131.527	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	1001446	89.727	ng	0.00
79) Terphenyl-d14	12.921	244	915466	113.149	ng	-0.01
Target Compounds						
20) 3+4-Methylphenols	7.239	107	33372	7.242	ng	# 76
27) 2,4-Dimethylphenol	7.775	122	158019	45.380	ng	# 88
31) Naphthalene	8.128	128	4774353	353.574	ng	97
37) 2-Methylnaphthalene	8.810	142	1245896	145.062	ng	99
38) 1-Methylnaphthalene	8.904	142	581605	70.089	ng	100

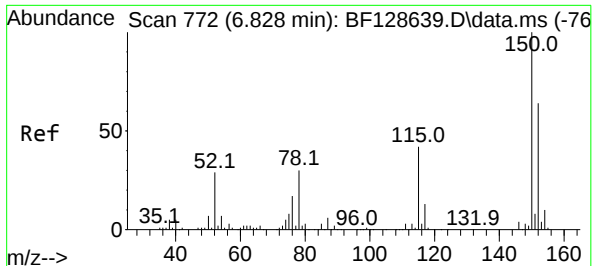
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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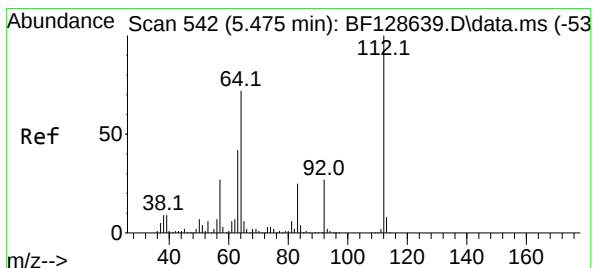
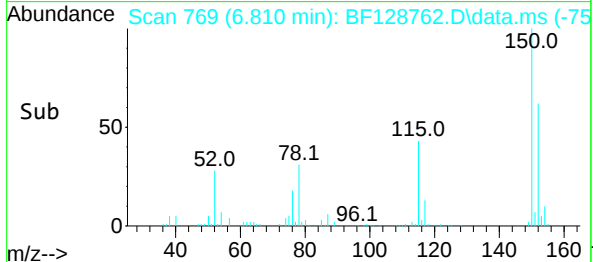
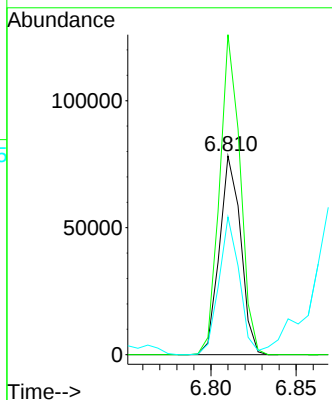
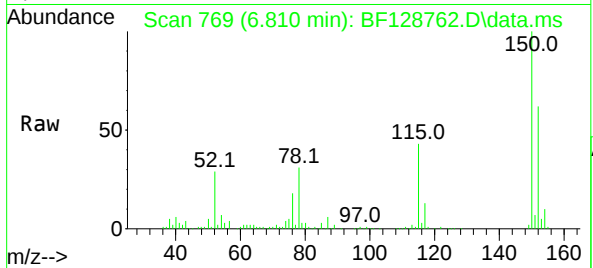




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

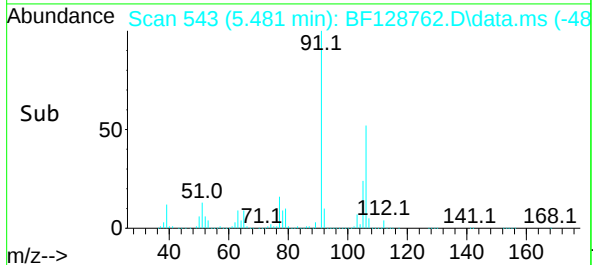
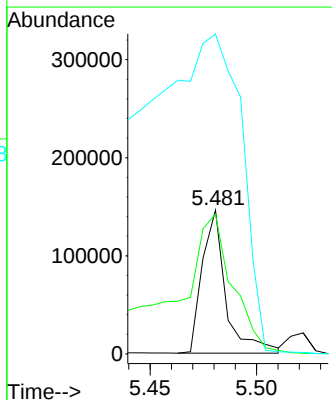
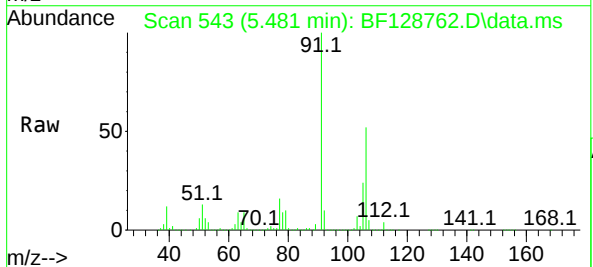
Instrument :
BNA_F
ClientSampleId :
MW-101R

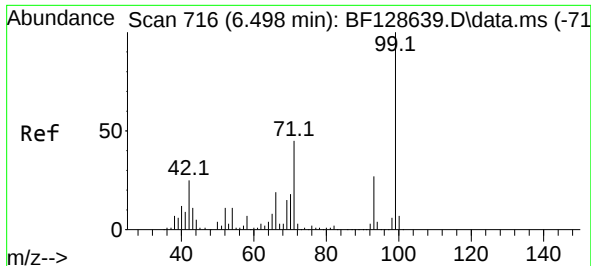
Tgt Ion:152 Resp: 67981
Ion Ratio Lower Upper
152 100
150 161.0 123.7 185.5
115 69.3 49.9 74.9



#5
2-Fluorophenol
Concen: 26.421 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.023 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

Tgt Ion:112 Resp: 112761
Ion Ratio Lower Upper
112 100
64 97.2 53.3 79.9#
63 222.5 28.0 42.0#

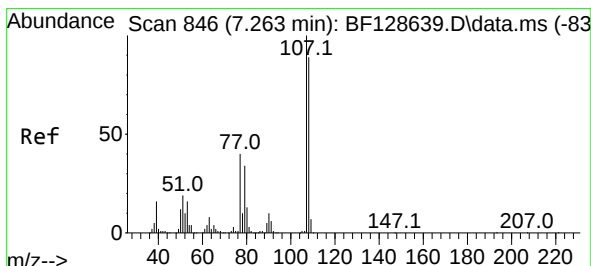
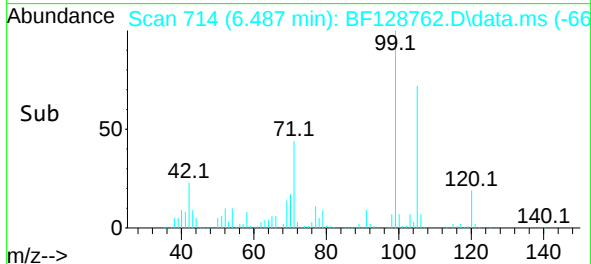
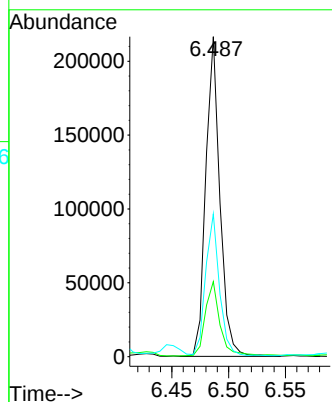
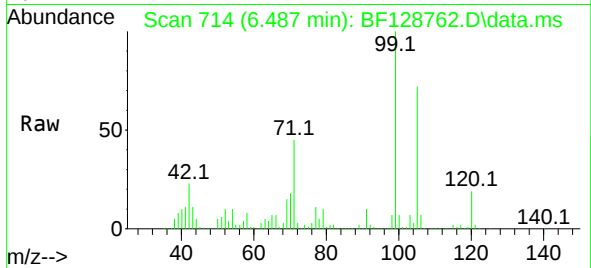




#7
Phenol-d6
Concen: 35.792 ng
RT: 6.487 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

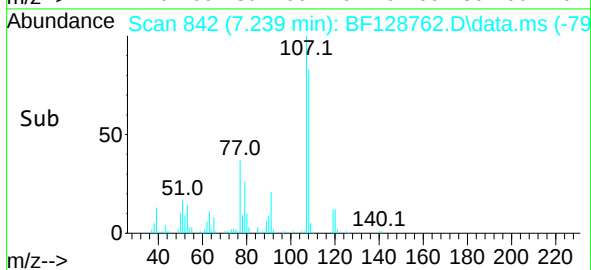
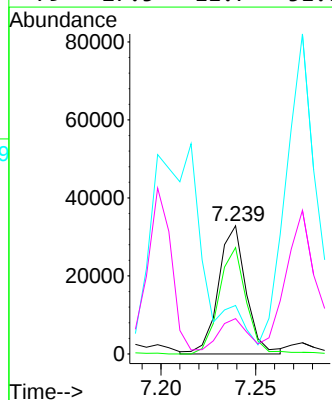
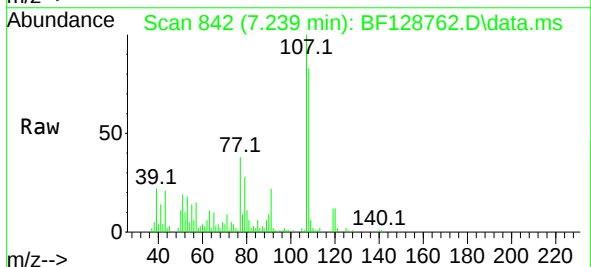
Instrument :
BNA_F
ClientSampleId :
MW-101R

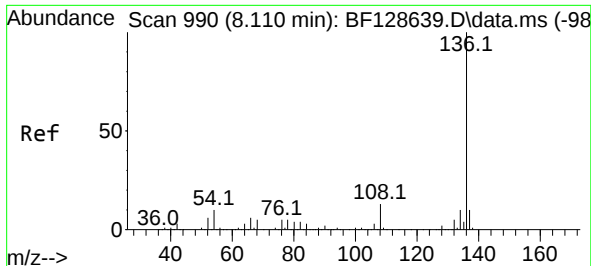
Tgt Ion: 99 Resp: 186466
Ion Ratio Lower Upper
99 100
42 23.4 17.3 25.9
71 44.6 28.9 43.3#



#20
3+4-Methylphenols
Concen: 7.242 ng
RT: 7.239 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

Tgt Ion:107 Resp: 33372
Ion Ratio Lower Upper
107 100
108 83.1 71.8 111.8
77 37.9 59.3 99.3#
79 27.5 11.7 51.7

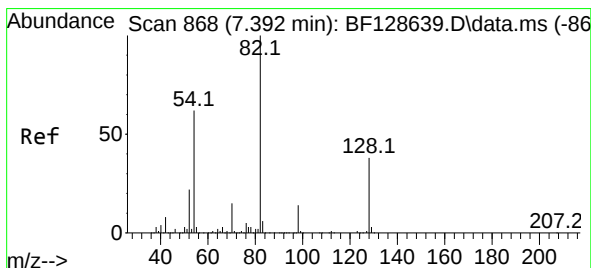
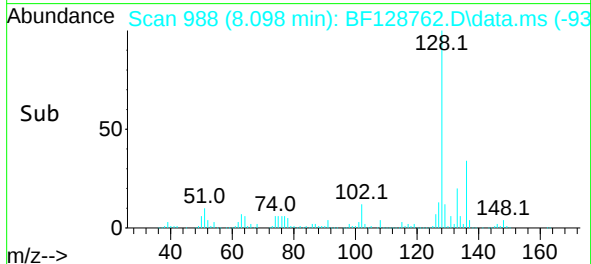
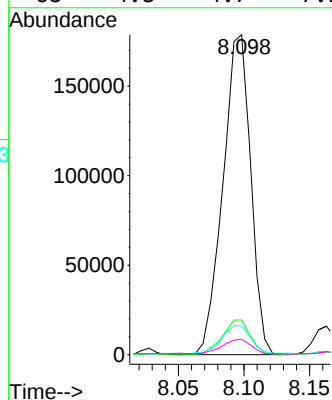
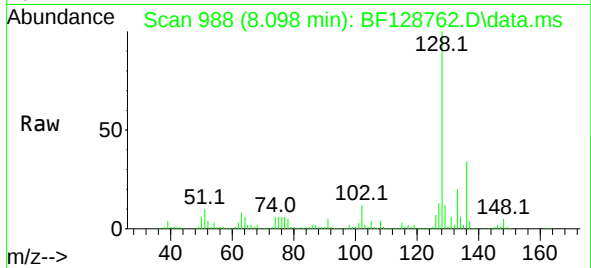




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

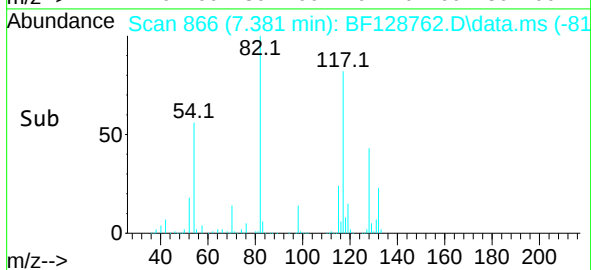
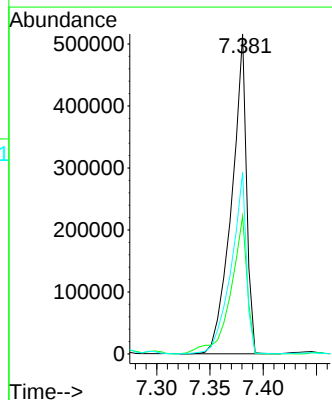
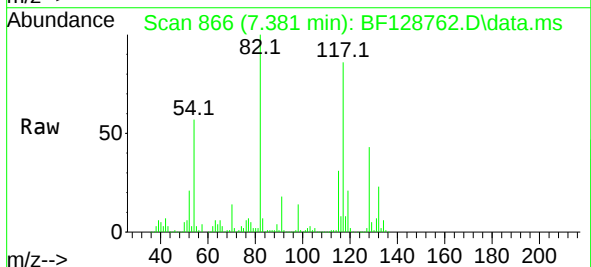
Instrument :
BNA_F
ClientSampleId :
MW-101R

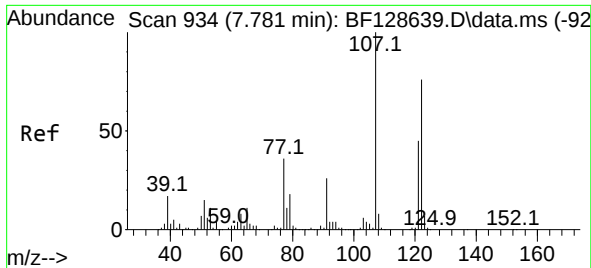
Tgt Ion:136 Resp: 263113
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.0 7.5 11.3
68 4.8 4.7 7.1



#23
Nitrobenzene-d5
Concen: 88.280 ng
RT: 7.381 min Scan# 866
Delta R.T. -0.000 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

Tgt Ion: 82 Resp: 498892
Ion Ratio Lower Upper
82 100
128 43.1 34.0 51.0
54 56.8 46.9 70.3





#27

2,4-Dimethylphenol

Concen: 45.380 ng

RT: 7.775 min Scan# 91

Delta R.T. 0.011 min

Lab File: BF128762.D

Acq: 10 Jun 2022 16:48

Instrument :

BNA_F

ClientSampleId :

MW-101R

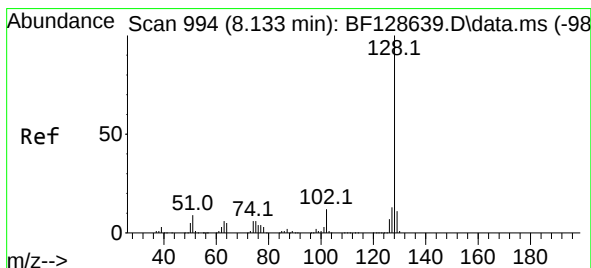
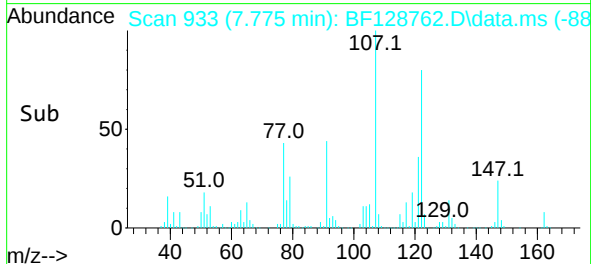
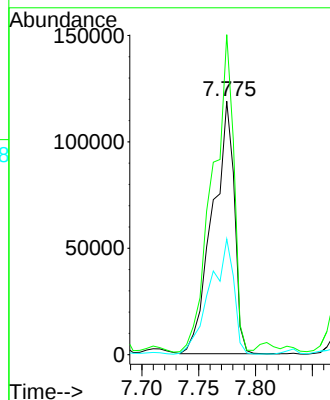
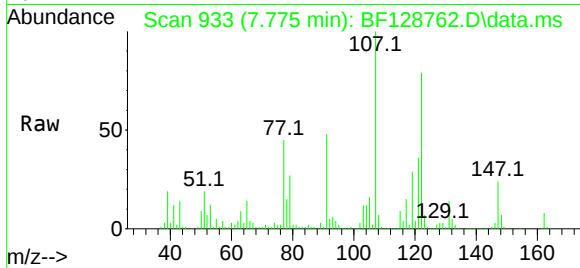
Tgt Ion:122 Resp: 158019

Ion Ratio Lower Upper

122 100

107 126.3 93.0 139.6

121 45.6 46.6 70.0#



#31

Naphthalene

Concen: 353.574 ng

RT: 8.128 min Scan# 993

Delta R.T. 0.006 min

Lab File: BF128762.D

Acq: 10 Jun 2022 16:48

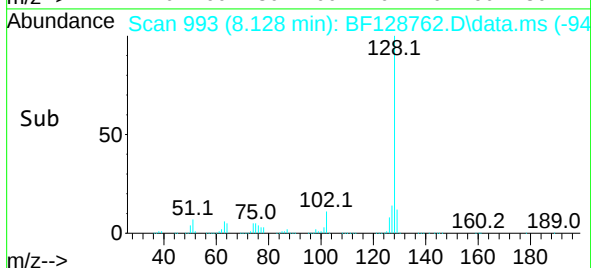
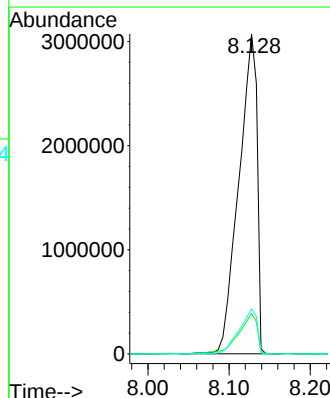
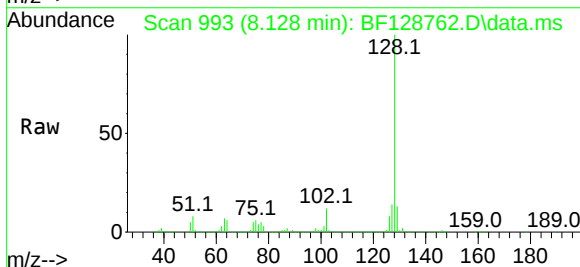
Tgt Ion:128 Resp: 4774353

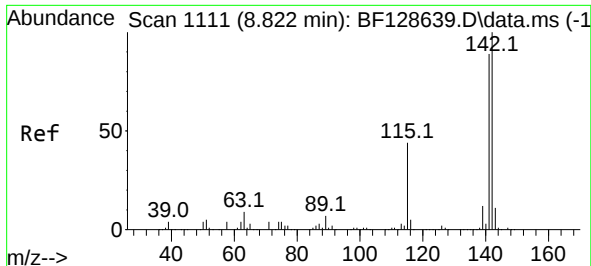
Ion Ratio Lower Upper

128 100

129 12.6 9.2 13.8

127 14.1 10.5 15.7





#37

2-Methylnaphthalene

Concen: 145.062 ng

RT: 8.810 min Scan# 1109

Delta R.T. -0.000 min

Lab File: BF128762.D

Acq: 10 Jun 2022 16:48

Instrument :

BNA_F

ClientSampleId :

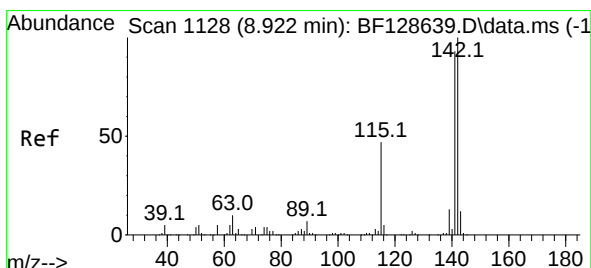
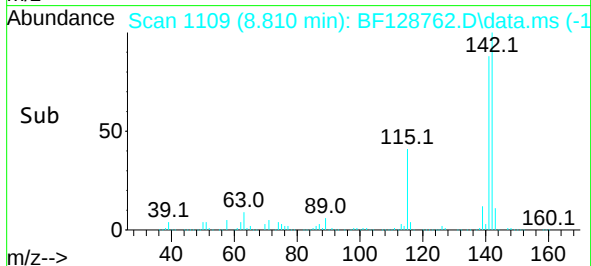
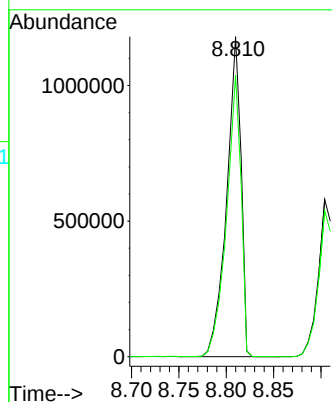
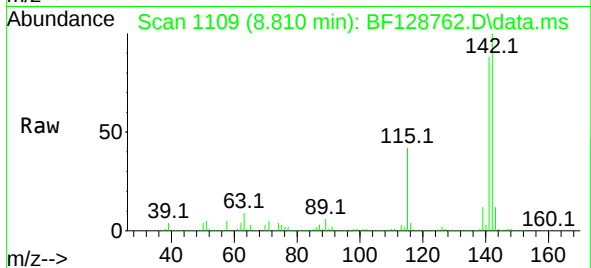
MW-101R

Tgt Ion:142 Resp: 1245896

Ion Ratio Lower Upper

142 100

141 88.0 71.0 106.4



#38

1-Methylnaphthalene

Concen: 70.089 ng

RT: 8.904 min Scan# 1125

Delta R.T. -0.006 min

Lab File: BF128762.D

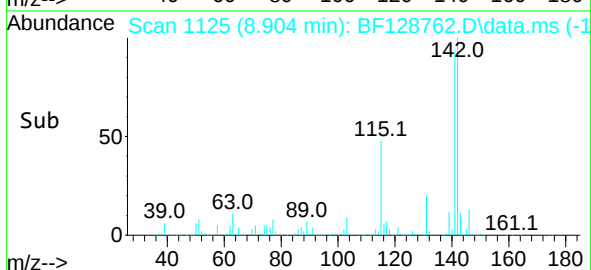
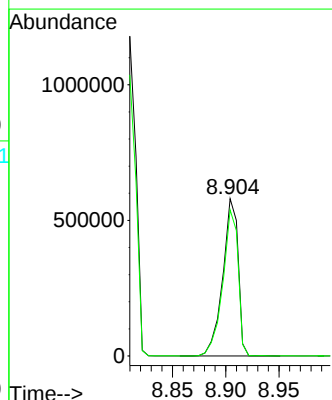
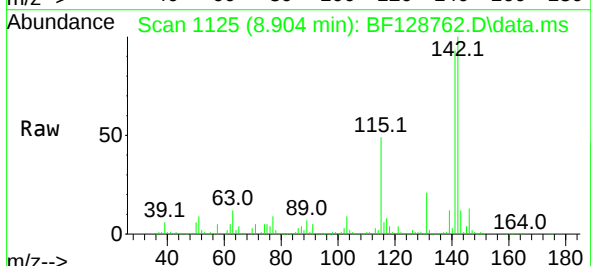
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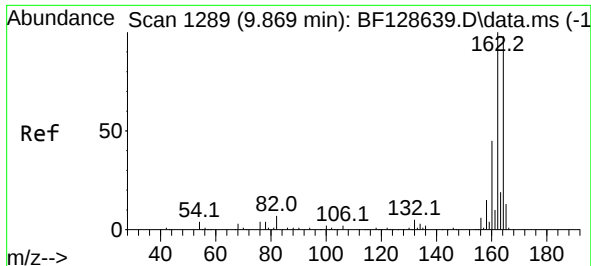
Tgt Ion:142 Resp: 581605

Ion Ratio Lower Upper

142 100

141 92.8 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF128762.D

Acq: 10 Jun 2022 16:48

Instrument :

BNA_F

ClientSampleId :

MW-101R

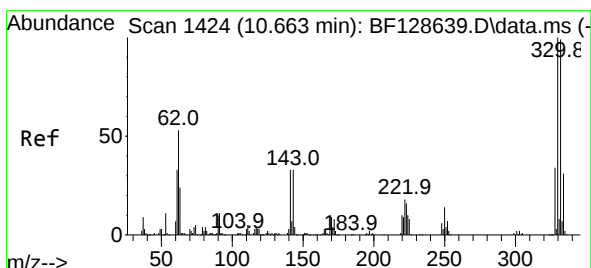
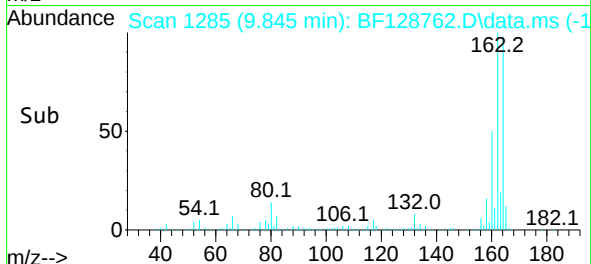
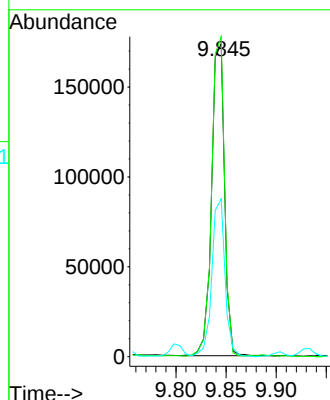
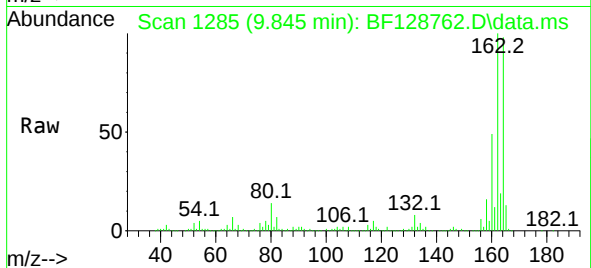
Tgt Ion:164 Resp: 156344

Ion Ratio Lower Upper

164 100

162 102.2 79.5 119.3

160 50.4 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 131.527 ng

RT: 10.639 min Scan# 1420

Delta R.T. -0.012 min

Lab File: BF128762.D

Acq: 10 Jun 2022 16:48

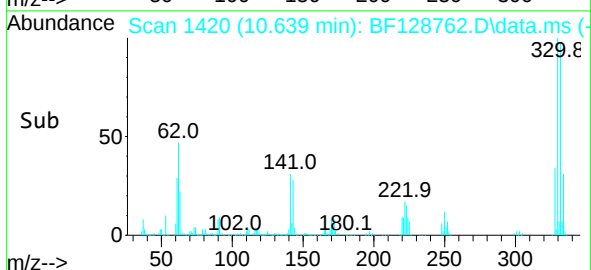
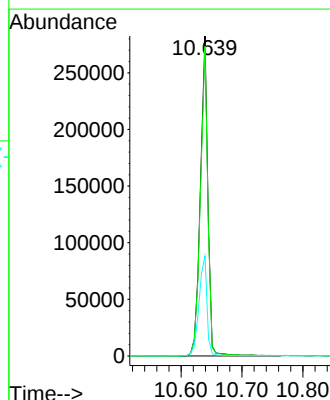
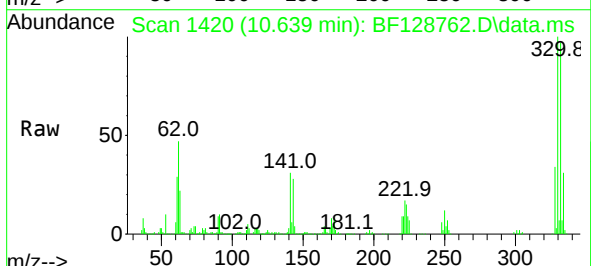
Tgt Ion:330 Resp: 242968

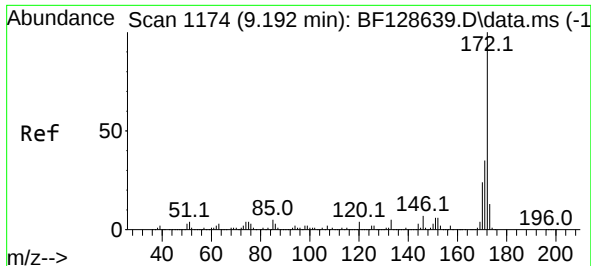
Ion Ratio Lower Upper

330 100

332 96.1 76.8 115.2

141 33.1 28.0 42.0

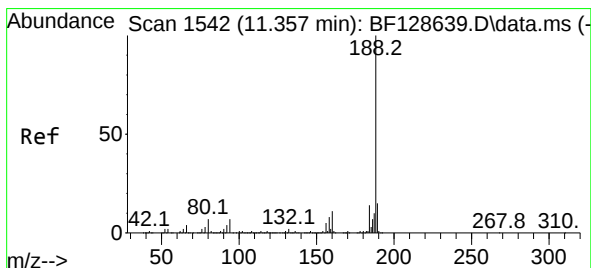
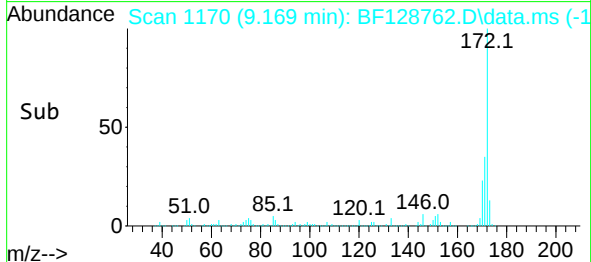
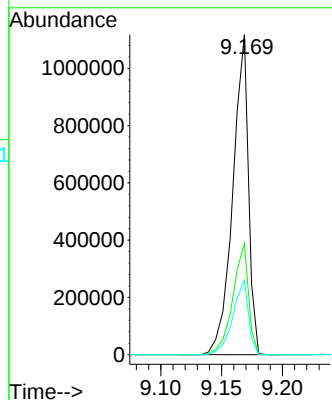
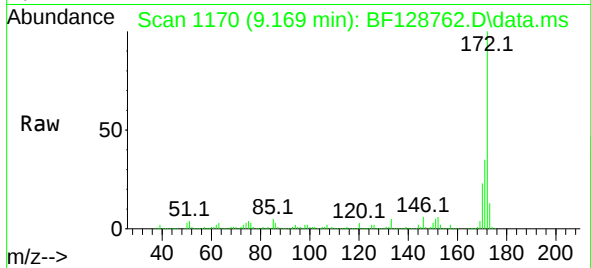




#45
2-Fluorobiphenyl
Concen: 89.727 ng
RT: 9.169 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

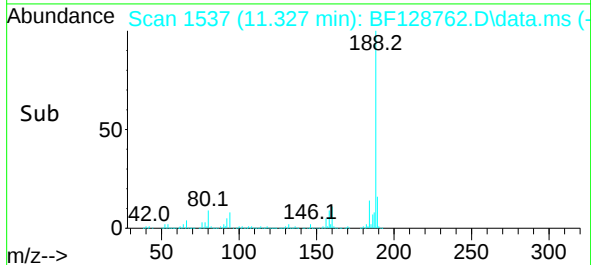
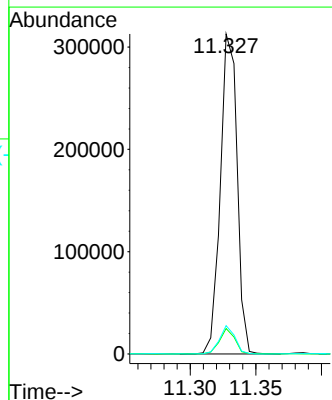
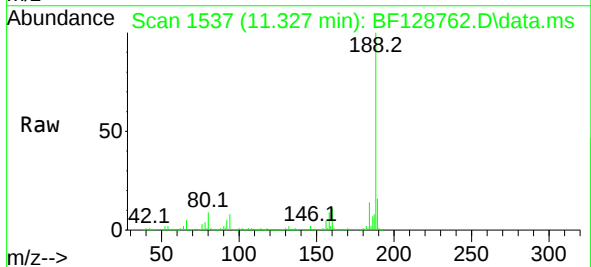
Instrument :
BNA_F
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MW-101R

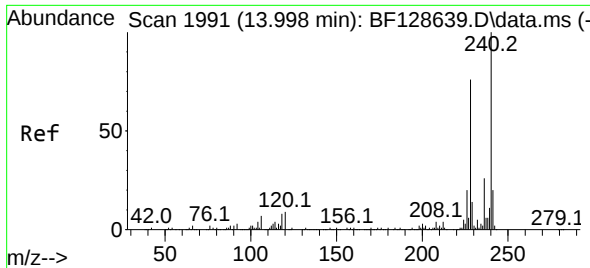
Tgt Ion:172 Resp: 1001446
Ion Ratio Lower Upper
172 100
171 34.8 28.8 43.2
170 23.3 19.8 29.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.327 min Scan# 1537
Delta R.T. -0.012 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

Tgt Ion:188 Resp: 277677
Ion Ratio Lower Upper
188 100
94 7.9 7.0 10.6
80 8.9 7.6 11.4

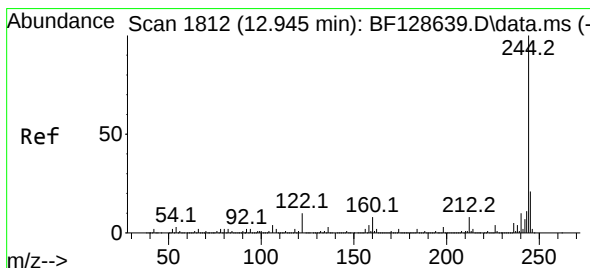
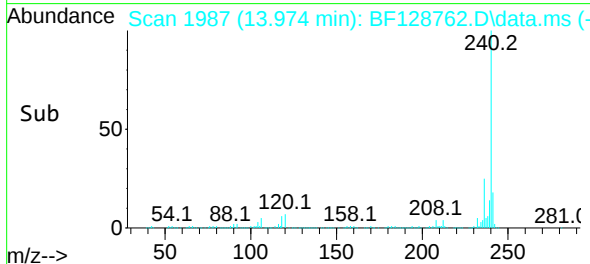
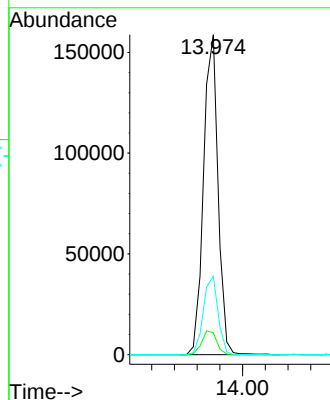
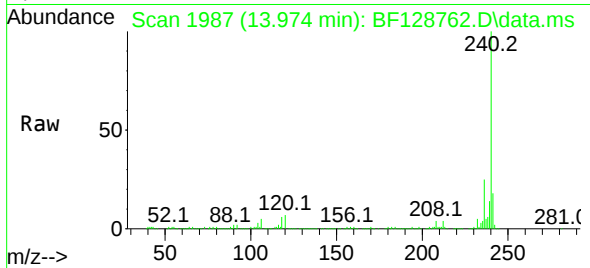




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 1991
Delta R.T. -0.012 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

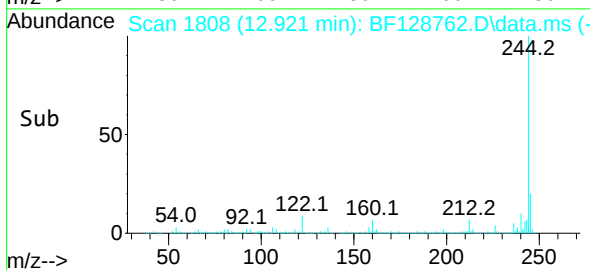
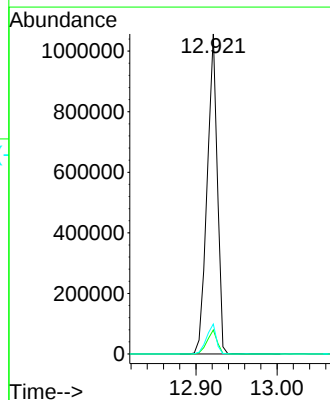
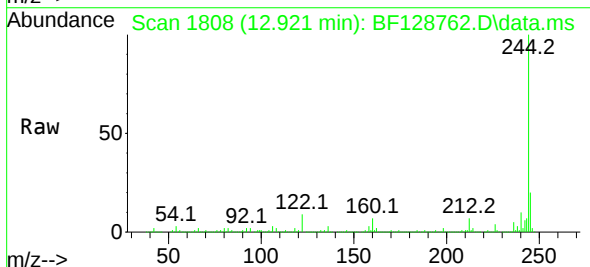
Instrument :
BNA_F
ClientSampleId :
MW-101R

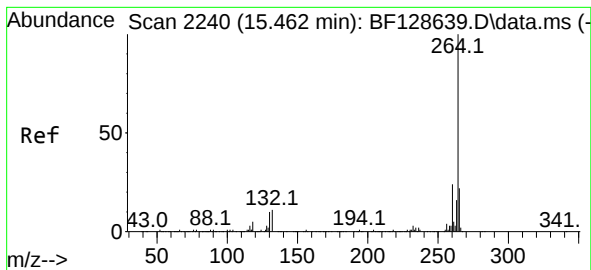
Tgt Ion:240 Resp: 140589
Ion Ratio Lower Upper
240 100
120 6.8 8.9 13.3#
236 24.5 20.8 31.2



#79
Terphenyl-d14
Concen: 113.149 ng
RT: 12.921 min Scan# 1808
Delta R.T. -0.012 min
Lab File: BF128762.D
Acq: 10 Jun 2022 16:48

Tgt Ion:244 Resp: 915466
Ion Ratio Lower Upper
244 100
212 7.5 6.1 9.1
122 9.4 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: BF128762.D
 Acq: 10 Jun 2022 16:48

Instrument :
 BNA_F
 ClientSampleId :
 MW-101R

Tgt Ion:264 Resp: 154975
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.4 27.6
 265 21.9 17.2 25.8

