

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051022\
 Data File : BF128175.D
 Acq On : 10 May 2022 22:25
 Operator : CG\JU
 Sample : N2763-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-20220509

Quant Time: May 11 04:02:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

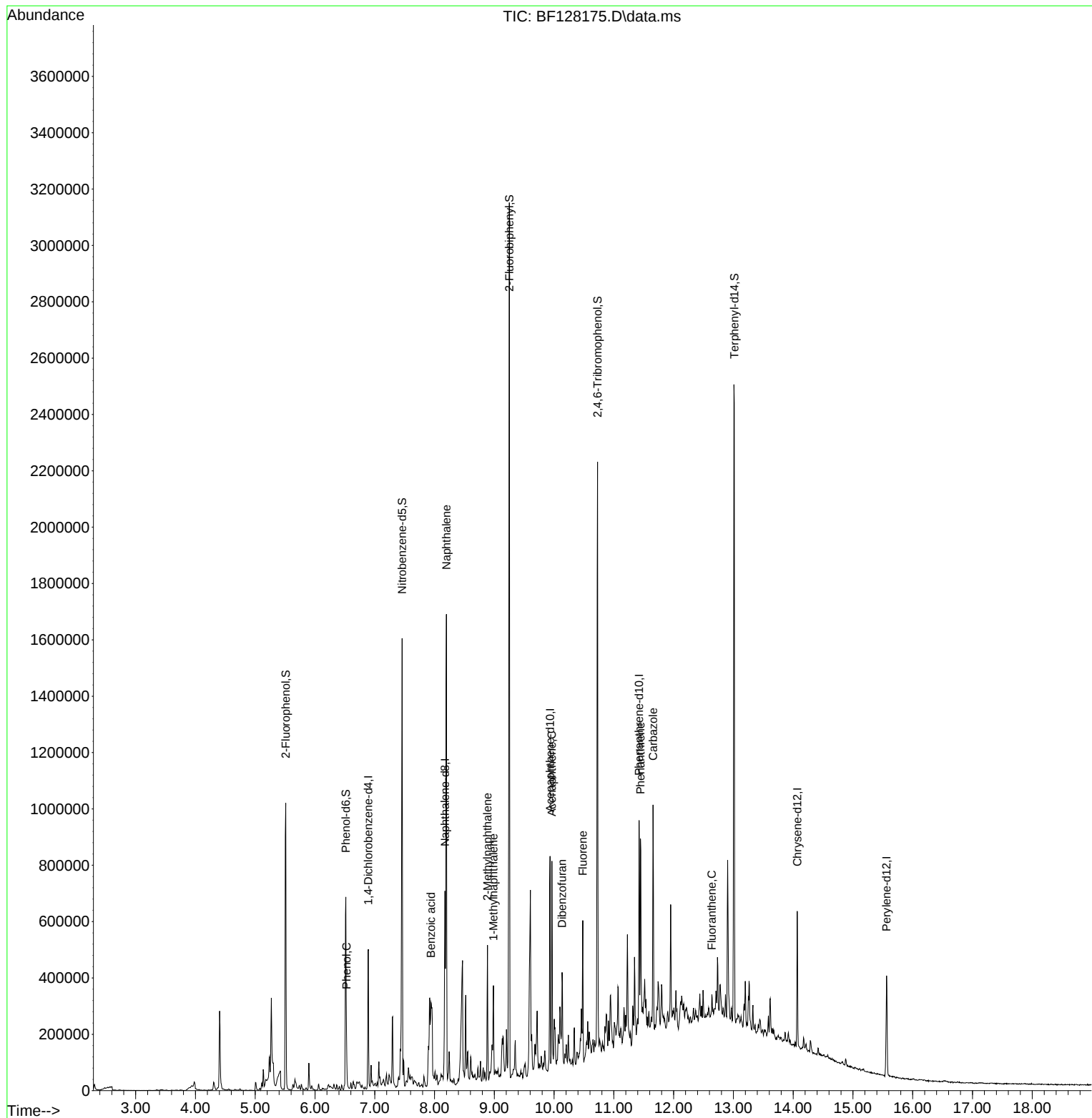
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	71500	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	290164	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	153709	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	269669	20.000	ng	0.00
76) Chrysene-d12	14.068	240	153982	20.000	ng	-0.01
86) Perylene-d12	15.562	264	157109	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	259719	57.906	ng	0.00
7) Phenol-d6	6.516	99	215020	36.245	ng	-0.01
23) Nitrobenzene-d5	7.457	82	534852	82.941	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	228605	129.679	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	889116	90.508	ng	0.00
79) Terphenyl-d14	13.015	244	850892	103.689	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.528	94	39548	6.322	ng	97
31) Naphthalene	8.198	128	510192	35.602	ng	99
32) Benzoic acid	7.939	122	137202	45.545	ng	# 79
37) 2-Methylnaphthalene	8.886	142	109359	11.319	ng	98
38) 1-Methylnaphthalene	8.986	142	80613	8.687	ng	98
52) Acenaphthene	9.963	154	146282	16.818	ng	97
55) Dibenzofuran	10.133	168	110422	8.941	ng	99
58) Fluorene	10.480	166	112896	11.737	ng	98
71) Phenanthrene	11.445	178	244150	18.182	ng	99
73) Carbazole	11.657	167	300279	23.554	ng	99
75) Fluoranthene	12.639	202	35009	2.405	ng	97

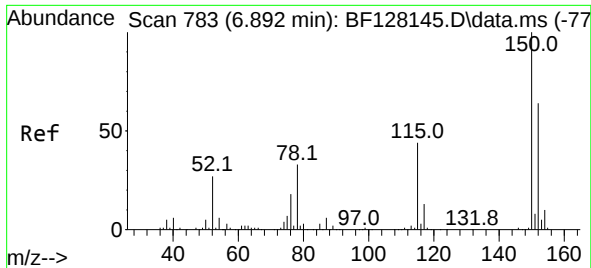
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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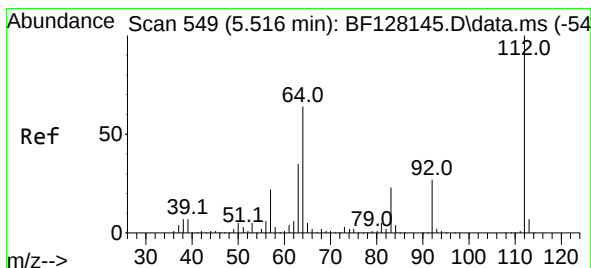
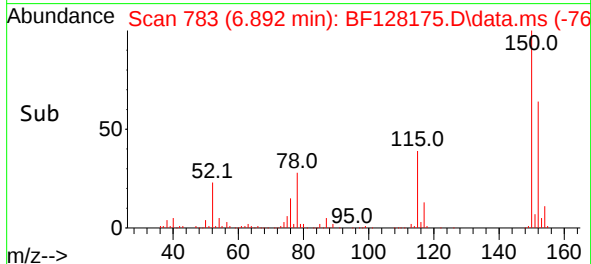
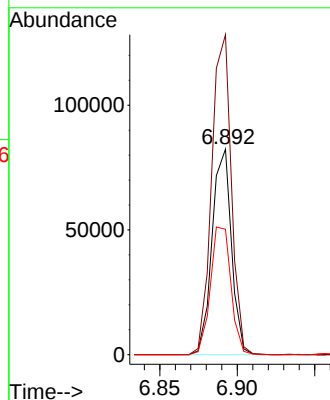
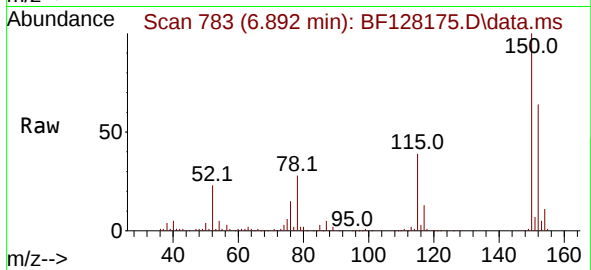




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

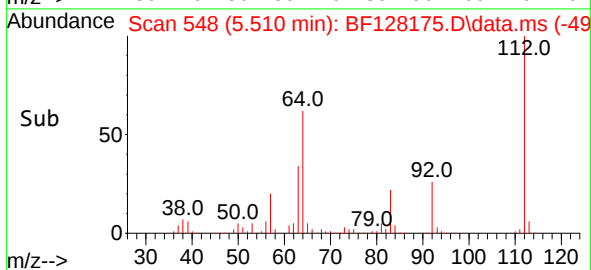
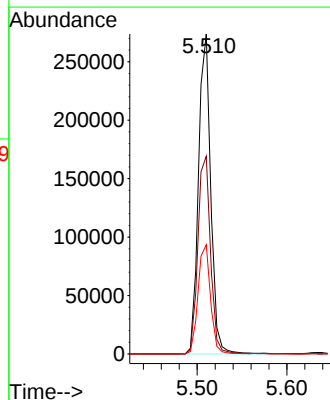
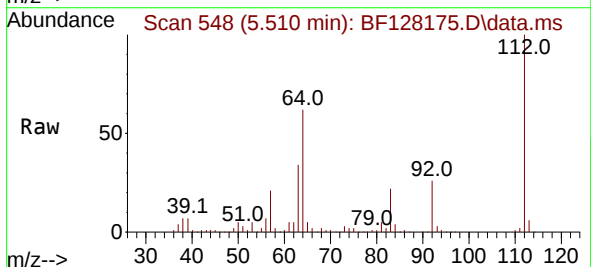
Instrument :
 BNA_F
 ClientSampleId :
 MW-1-20220509

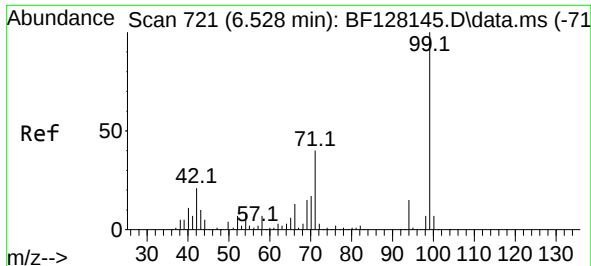
Tgt Ion:152 Resp: 71500
 Ion Ratio Lower Upper
 152 100
 150 155.6 125.3 187.9
 115 61.0 48.8 73.2



#5
 2-Fluorophenol
 Concen: 57.906 ng
 RT: 5.510 min Scan# 548
 Delta R.T. -0.006 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

Tgt Ion:112 Resp: 259719
 Ion Ratio Lower Upper
 112 100
 64 61.8 49.5 74.3
 63 34.1 26.3 39.5

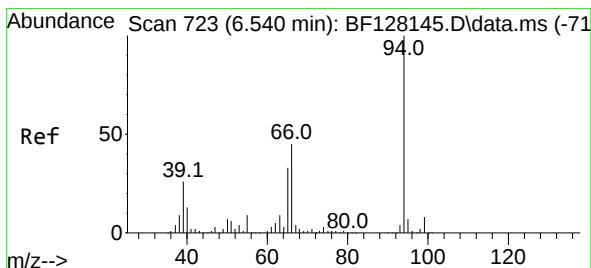
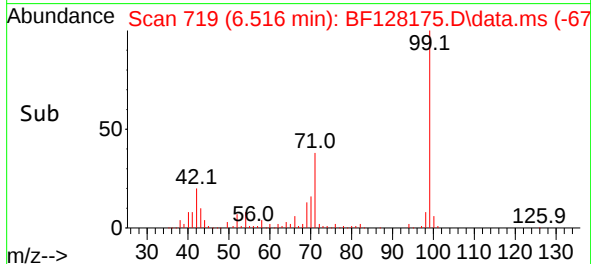
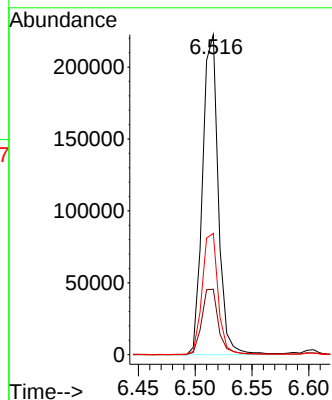
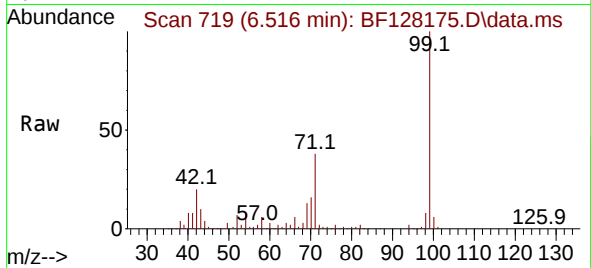




#7
Phenol-d6
Concen: 36.245 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF128175.D
Acq: 10 May 2022 22:25

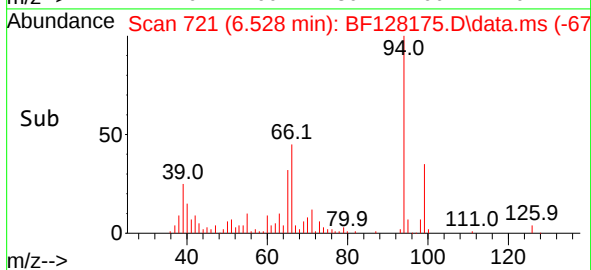
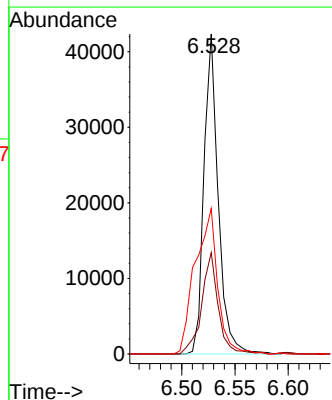
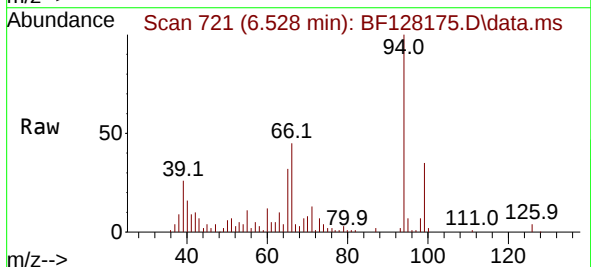
Instrument :
BNA_F
ClientSampleId :
MW-1-20220509

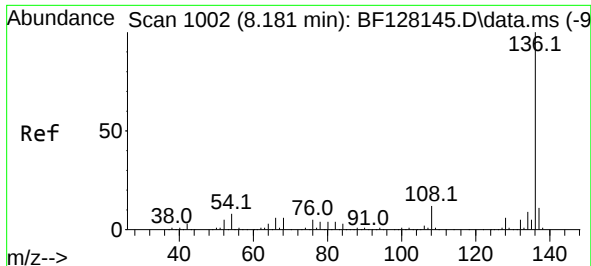
Tgt Ion: 99 Resp: 215020
Ion Ratio Lower Upper
99 100
42 20.4 16.6 24.8
71 37.9 30.0 45.0



#10
Phenol
Concen: 6.322 ng
RT: 6.528 min Scan# 721
Delta R.T. -0.012 min
Lab File: BF128175.D
Acq: 10 May 2022 22:25

Tgt Ion: 94 Resp: 39548
Ion Ratio Lower Upper
94 100
65 31.6 10.6 50.6
66 45.4 22.6 62.6

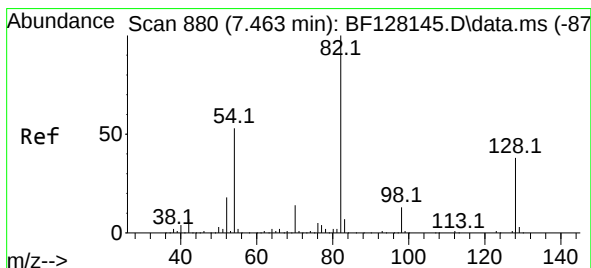
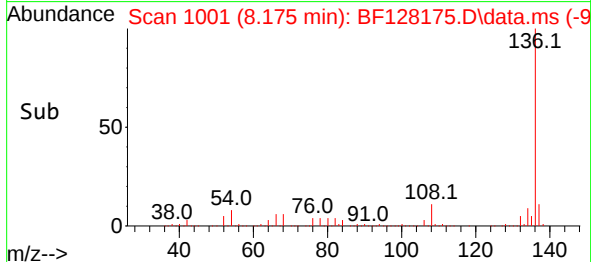
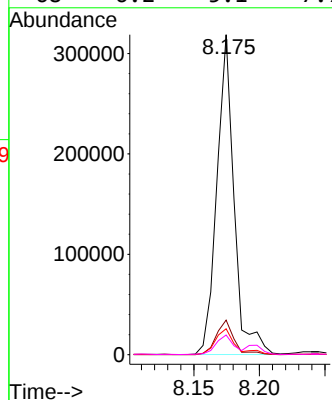
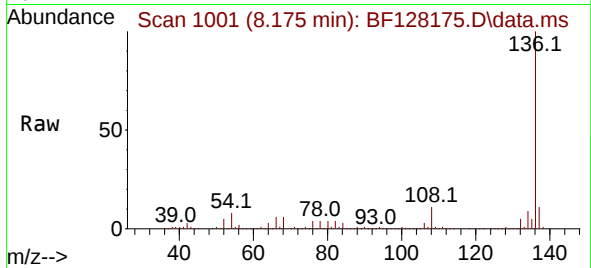




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF128175.D
Acq: 10 May 2022 22:25

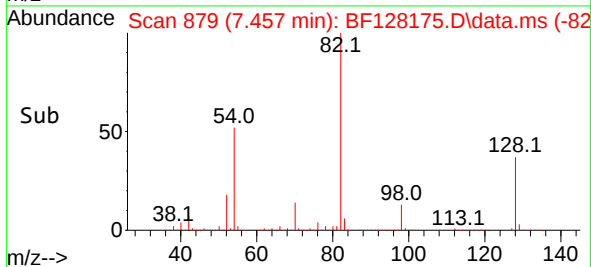
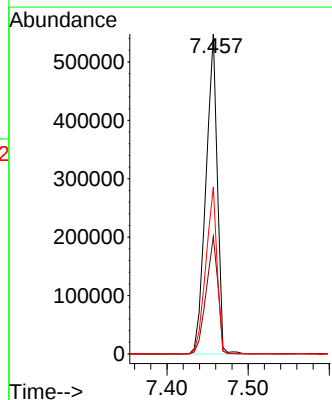
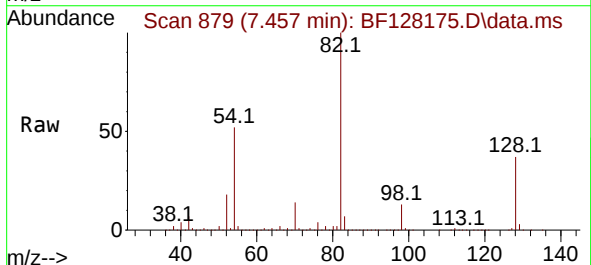
Instrument :
BNA_F
ClientSampleId :
MW-1-20220509

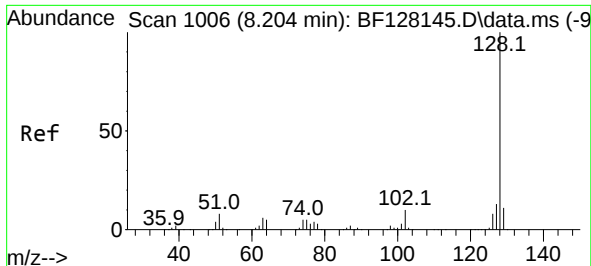
Tgt Ion:136	Resp: 290164
Ion Ratio	Lower Upper
136 100	
137 10.8	8.6 13.0
54 8.1	6.8 10.2
68 6.2	5.1 7.7



#23
Nitrobenzene-d5
Concen: 82.941 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF128175.D
Acq: 10 May 2022 22:25

Tgt Ion: 82	Resp: 534852
Ion Ratio	Lower Upper
82 100	
128 36.7	30.0 45.0
54 52.2	41.3 61.9

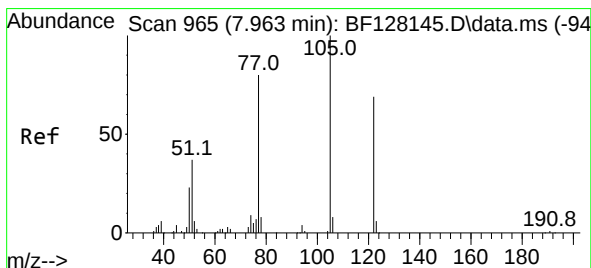
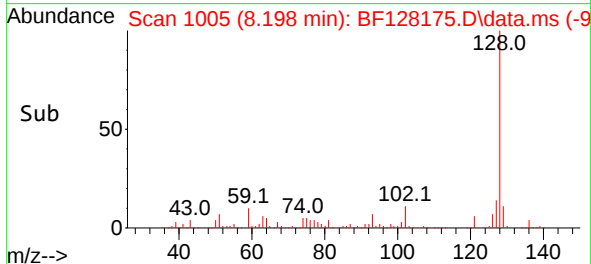
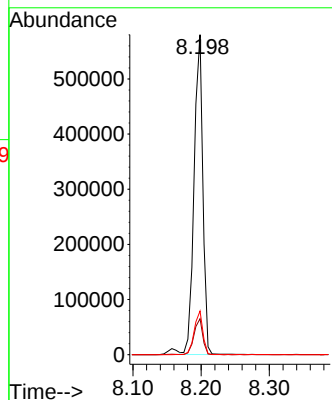
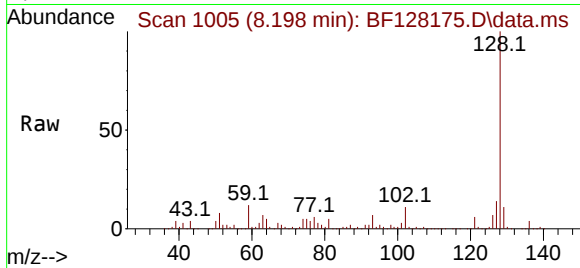




#31
Naphthalene
Concen: 35.602 ng
RT: 8.198 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF128175.D
Acq: 10 May 2022 22:25

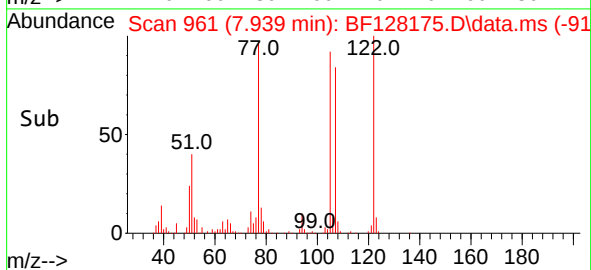
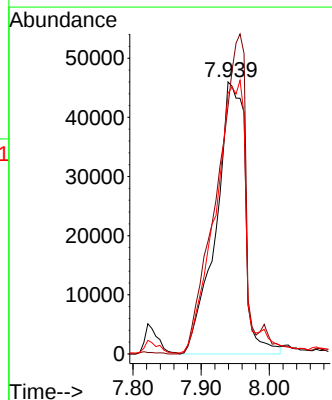
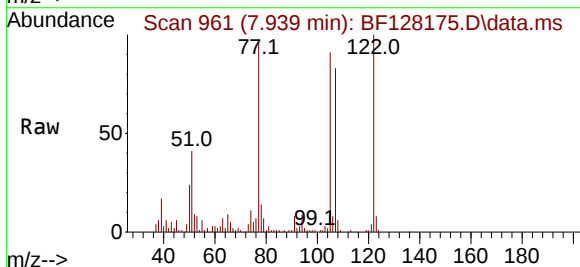
Instrument :
BNA_F
ClientSampleId :
MW-1-20220509

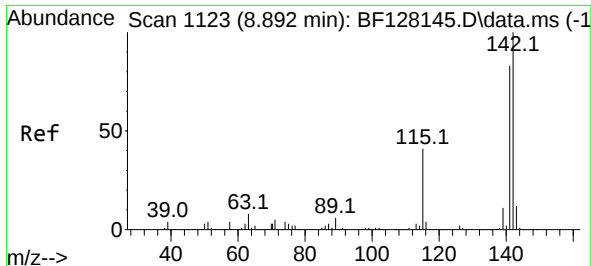
Tgt Ion:128 Resp: 510192
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.6 10.6 16.0



#32
Benzoic acid
Concen: 45.545 ng
RT: 7.939 min Scan# 961
Delta R.T. -0.024 min
Lab File: BF128175.D
Acq: 10 May 2022 22:25

Tgt Ion:122 Resp: 137202
Ion Ratio Lower Upper
122 100
105 91.1 107.9 147.9#
77 95.9 82.5 122.5





#37

2-Methylnaphthalene

Concen: 11.319 ng

RT: 8.886 min Scan# 1119

Delta R.T. -0.006 min

Lab File: BF128175.D

Acq: 10 May 2022 22:25

Instrument :

BNA_F

ClientSampleId :

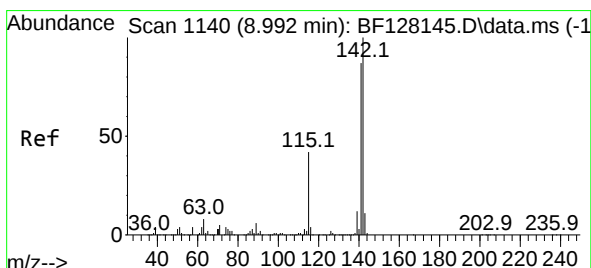
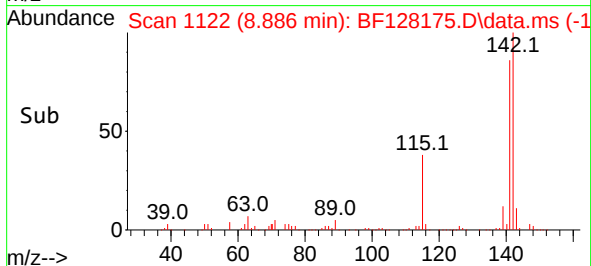
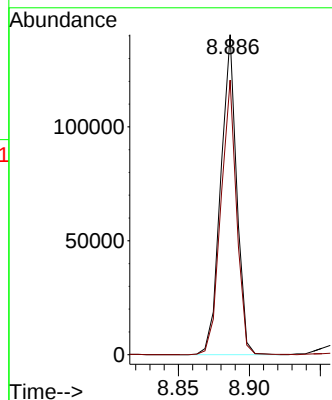
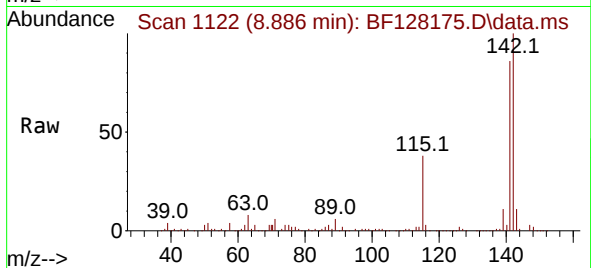
MW-1-20220509

Tgt Ion:142 Resp: 109359

Ion Ratio Lower Upper

142 100

141 85.8 67.4 101.2



#38

1-Methylnaphthalene

Concen: 8.687 ng

RT: 8.986 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF128175.D

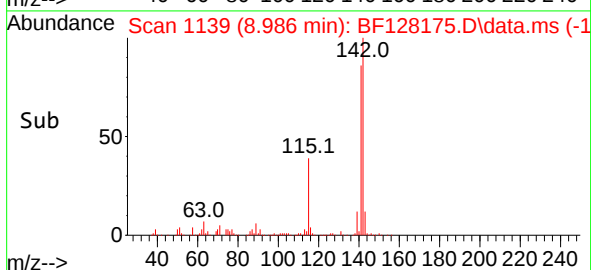
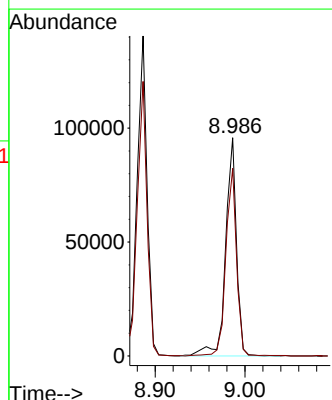
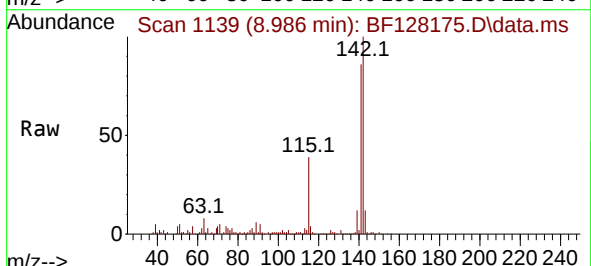
Acq: 10 May 2022 22:25

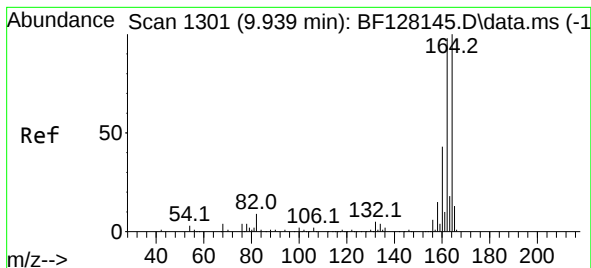
Tgt Ion:142 Resp: 80613

Ion Ratio Lower Upper

142 100

141 85.9 70.1 105.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128175.D

Acq: 10 May 2022 22:25

Instrument :

BNA_F

ClientSampleId :

MW-1-20220509

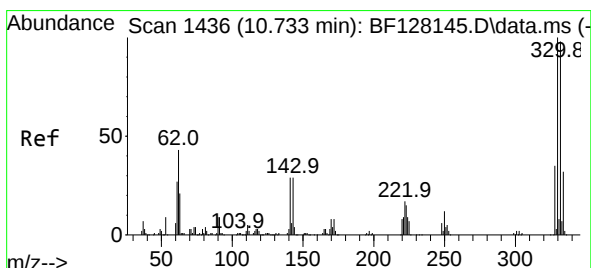
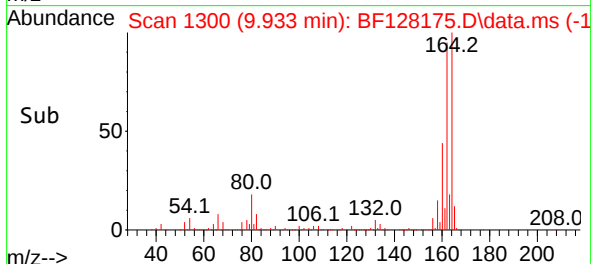
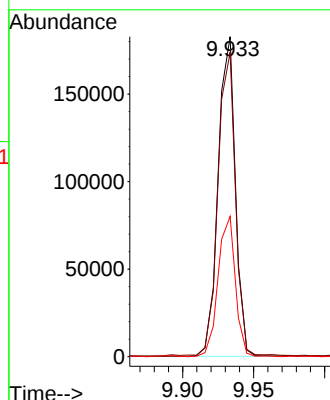
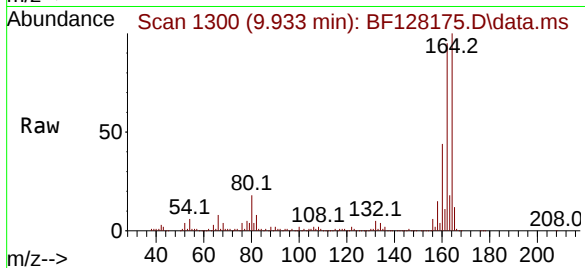
Tgt Ion:164 Resp: 153709

Ion Ratio Lower Upper

164 100

162 95.1 76.0 114.0

160 43.9 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 129.679 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128175.D

Acq: 10 May 2022 22:25

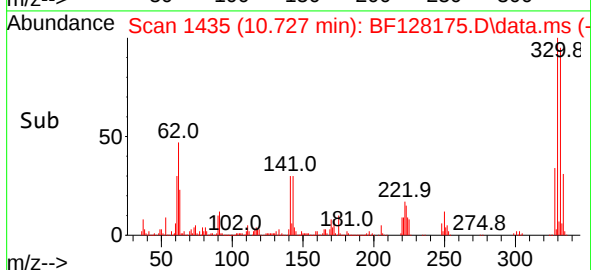
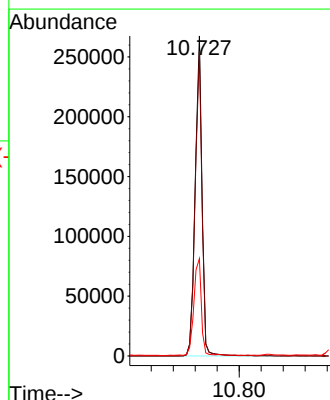
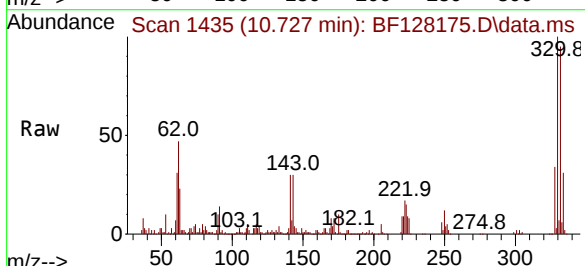
Tgt Ion:330 Resp: 228605

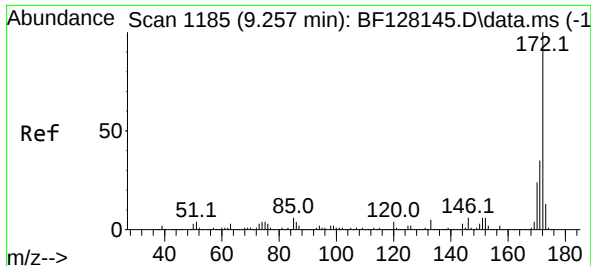
Ion Ratio Lower Upper

330 100

332 95.4 79.0 118.4

141 33.2 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 90.508 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128175.D

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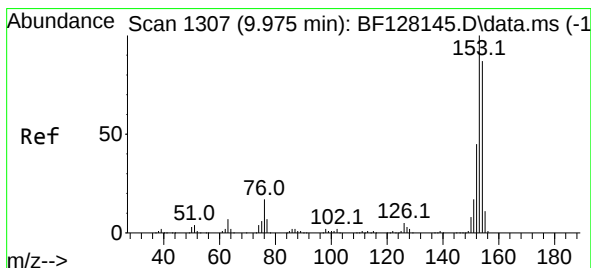
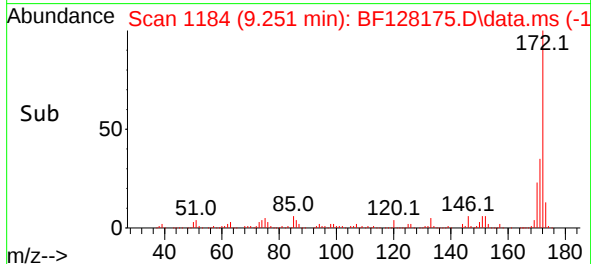
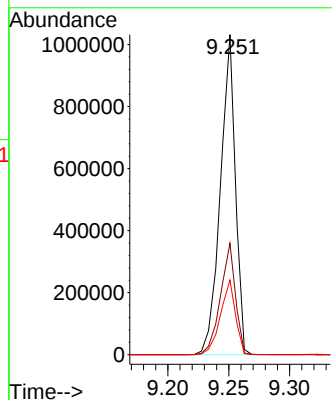
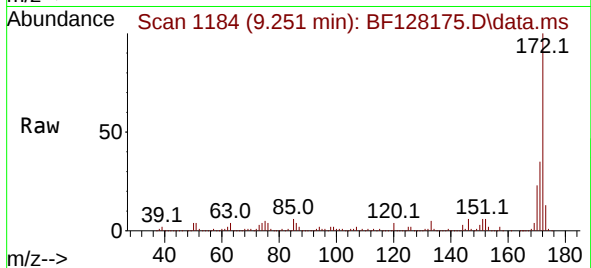
Tgt Ion:172 Resp: 889116

Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

170 23.3 19.1 28.7



#52

Acenaphthene

Concen: 16.818 ng

RT: 9.963 min Scan# 1305

Delta R.T. -0.012 min

Lab File: BF128175.D

Acq: 10 May 2022 22:25

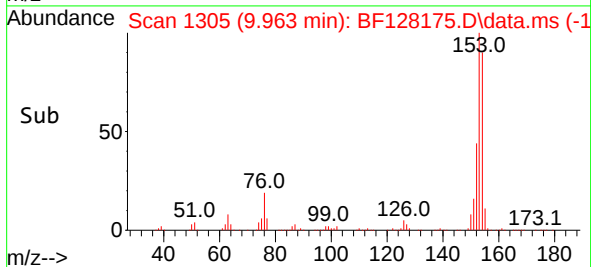
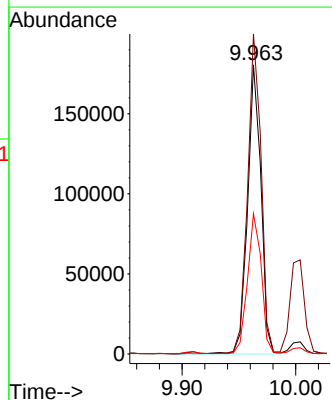
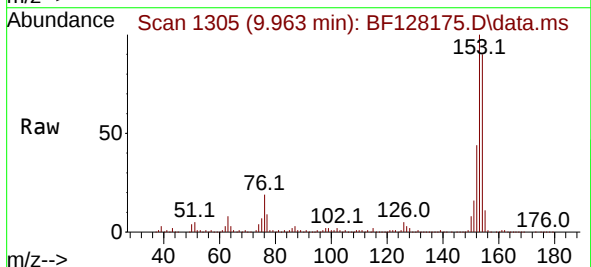
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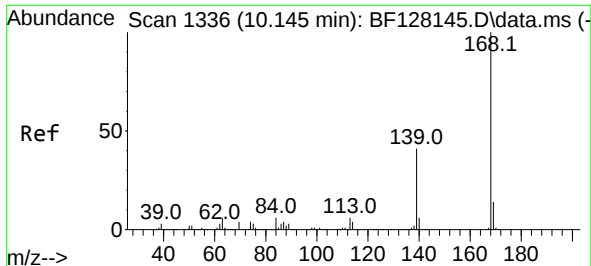
Ion Ratio Lower Upper

154 100

153 110.7 90.5 135.7

152 48.5 41.0 61.6

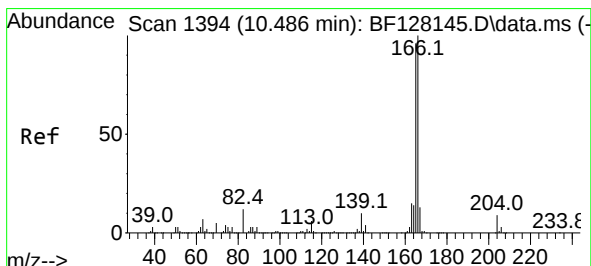
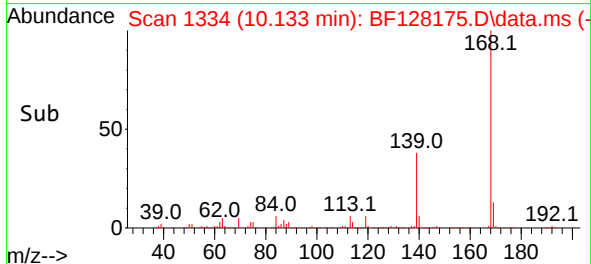
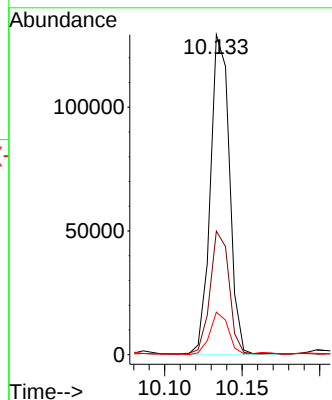
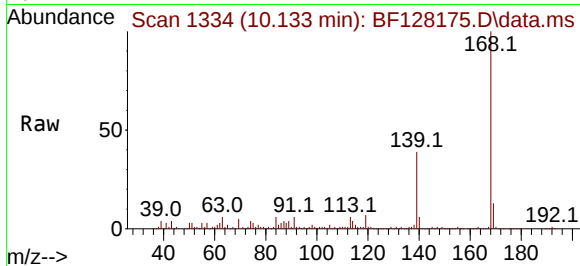




#55
Dibenzenofuran
Concen: 8.941 ng
RT: 10.133 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF128175.D
Acq: 10 May 2022 22:25

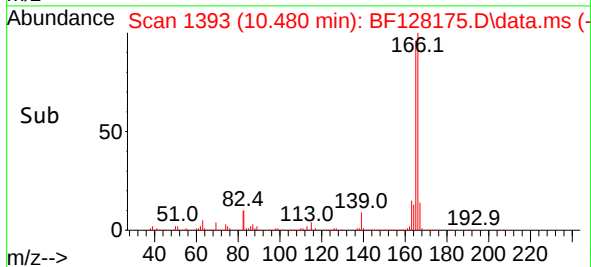
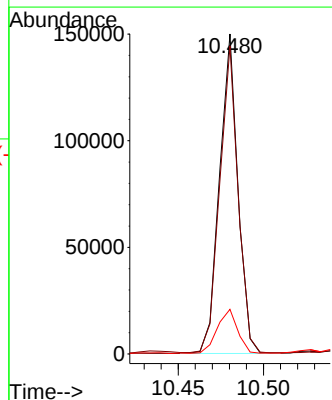
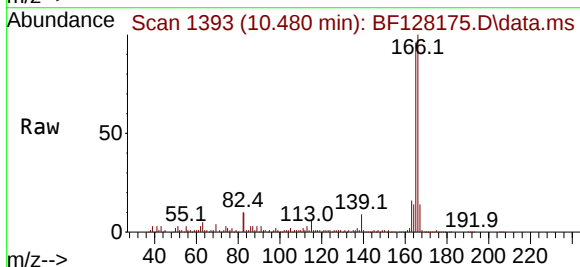
Instrument :
BNA_F
ClientSampleId :
MW-1-20220509

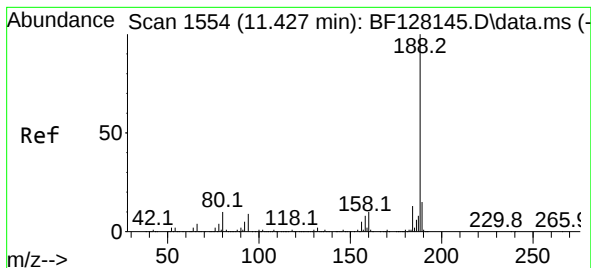
Tgt Ion:168 Resp: 110422
Ion Ratio Lower Upper
168 100
139 38.7 31.7 47.5
169 13.3 10.9 16.3



#58
Fluorene
Concen: 11.737 ng
RT: 10.480 min Scan# 1393
Delta R.T. -0.006 min
Lab File: BF128175.D
Acq: 10 May 2022 22:25

Tgt Ion:166 Resp: 112896
Ion Ratio Lower Upper
166 100
165 96.3 78.6 117.8
167 14.0 10.5 15.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.421 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128175.D

Acq: 10 May 2022 22:25

Instrument :

BNA_F

ClientSampleId :

MW-1-20220509

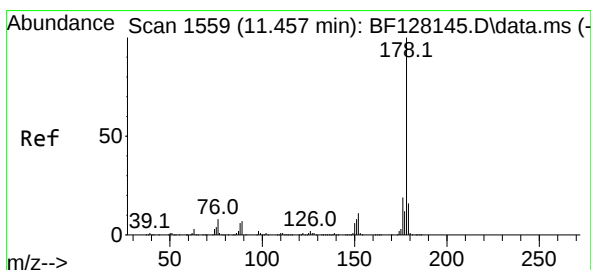
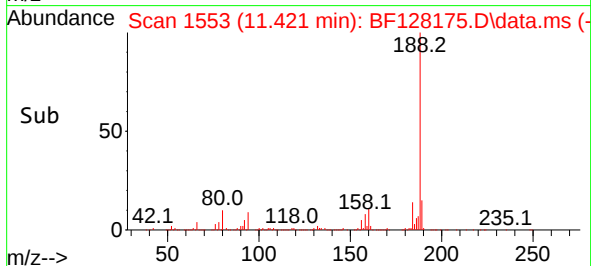
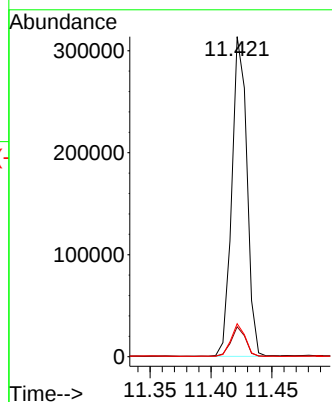
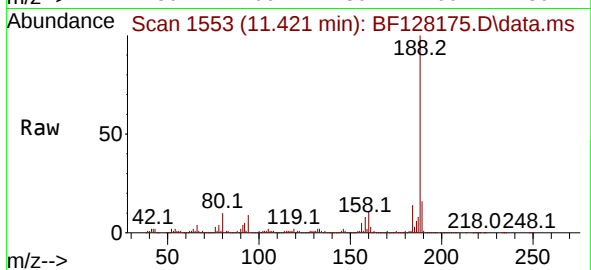
Tgt Ion:188 Resp: 269669

Ion Ratio Lower Upper

188 100

94 9.4 8.0 12.0

80 10.3 8.9 13.3



#71

Phenanthrene

Concen: 18.182 ng

RT: 11.445 min Scan# 1557

Delta R.T. -0.012 min

Lab File: BF128175.D

Acq: 10 May 2022 22:25

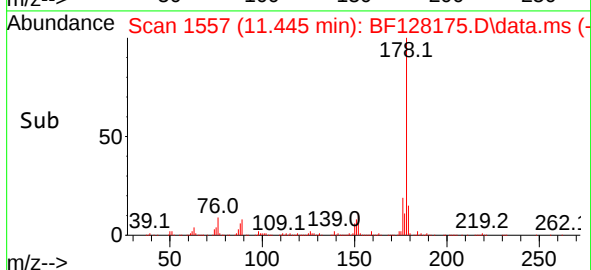
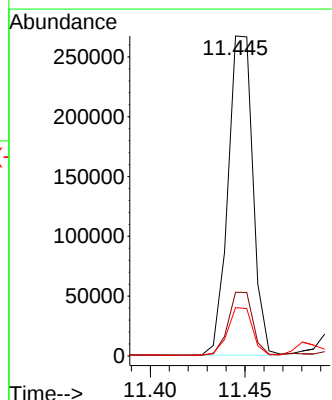
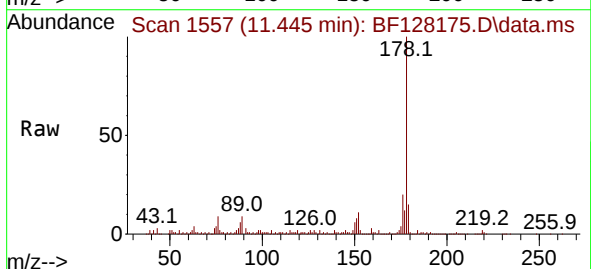
Tgt Ion:178 Resp: 244150

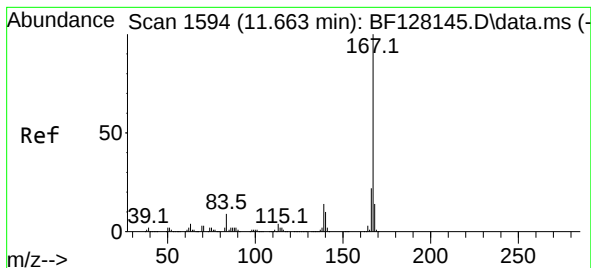
Ion Ratio Lower Upper

178 100

176 19.9 15.7 23.5

179 15.1 12.6 19.0





#73

Carbazole

Concen: 23.554 ng

RT: 11.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128175.D

Acq: 10 May 2022 22:25

Instrument :

BNA_F

ClientSampleId :

MW-1-20220509

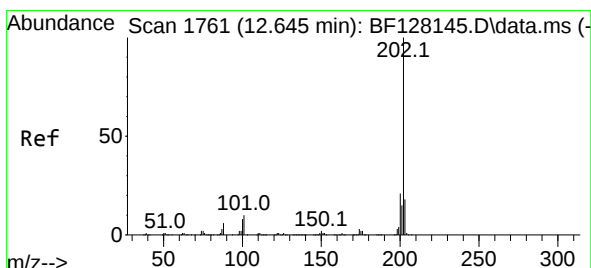
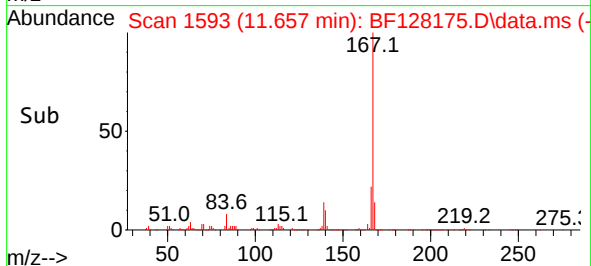
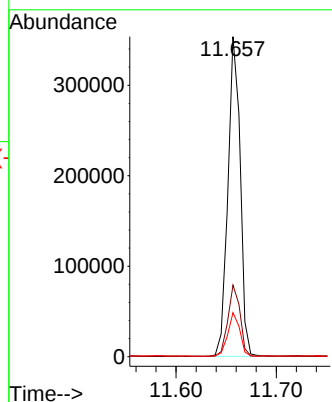
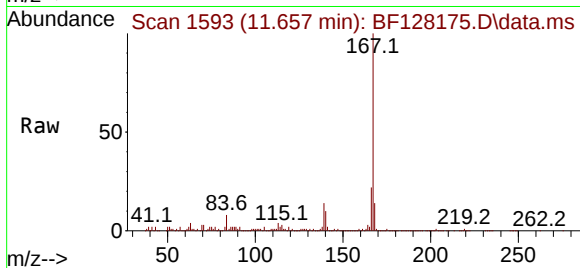
Tgt Ion:167 Resp: 300279

Ion Ratio Lower Upper

167 100

166 22.3 17.6 26.4

139 13.8 10.7 16.1



#75

Fluoranthene

Concen: 2.405 ng

RT: 12.639 min Scan# 1760

Delta R.T. -0.006 min

Lab File: BF128175.D

Acq: 10 May 2022 22:25

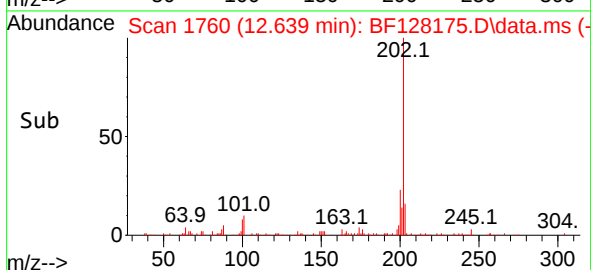
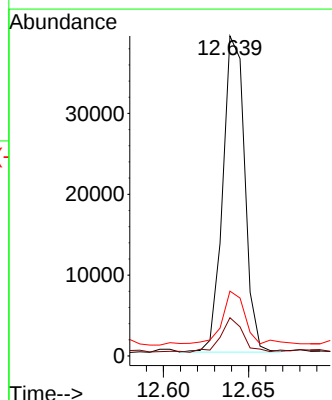
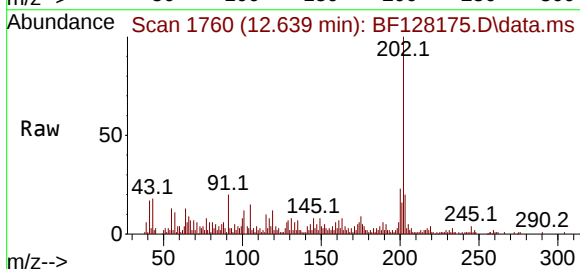
Tgt Ion:202 Resp: 35009

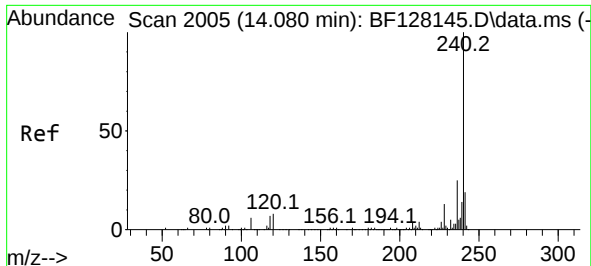
Ion Ratio Lower Upper

202 100

101 11.9 0.0 31.6

203 20.2 0.0 38.1

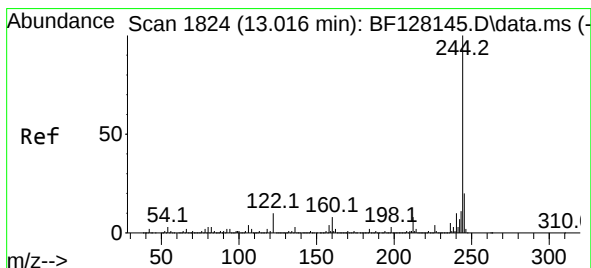
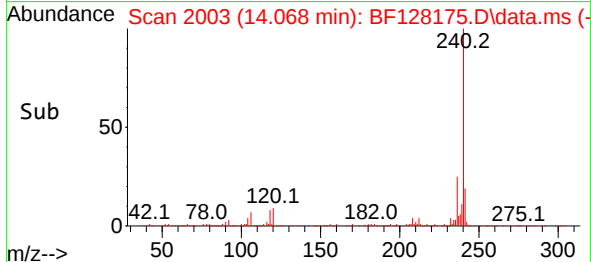
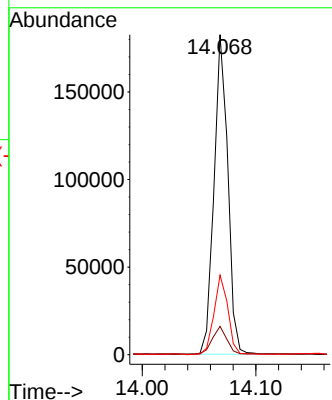
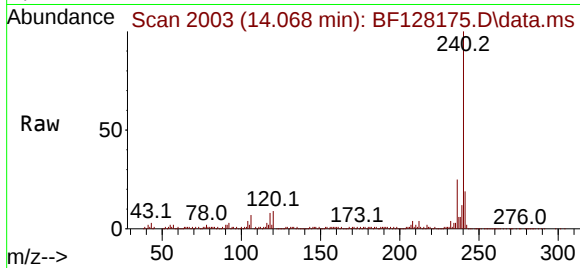




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF128175.D
Acq: 10 May 2022 22:25

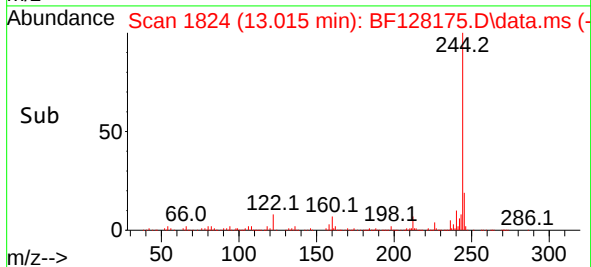
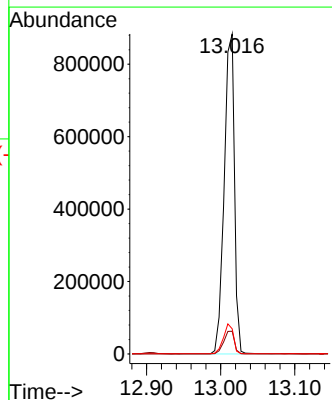
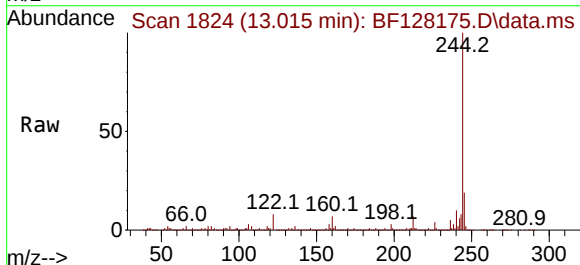
Instrument :
BNA_F
ClientSampleId :
MW-1-20220509

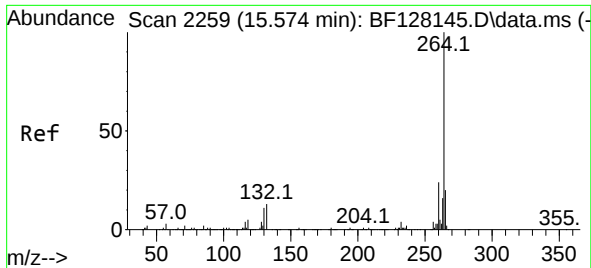
Tgt Ion:240 Resp: 153982
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 24.9 20.3 30.5



#79
Terphenyl-d14
Concen: 103.689 ng
RT: 13.015 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BF128175.D
Acq: 10 May 2022 22:25

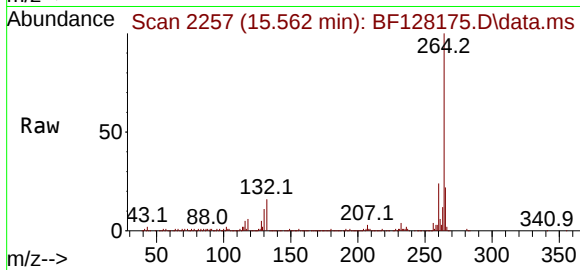
Tgt Ion:244 Resp: 850892
Ion Ratio Lower Upper
244 100
212 7.1 6.2 9.4
122 7.8 8.6 12.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF128175.D
 Acq: 10 May 2022 22:25

Instrument :
 BNA_F
 ClientSampleId :
 MW-1-20220509



Tgt Ion:264 Resp: 157109
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.1 30.1
 265 21.8 17.5 26.3

