

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
 Data File : BF127954.D
 Acq On : 27 Apr 2022 19:27
 Operator : CG\JU
 Sample : N2482-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-14R

Quant Time: Apr 28 05:17:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

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

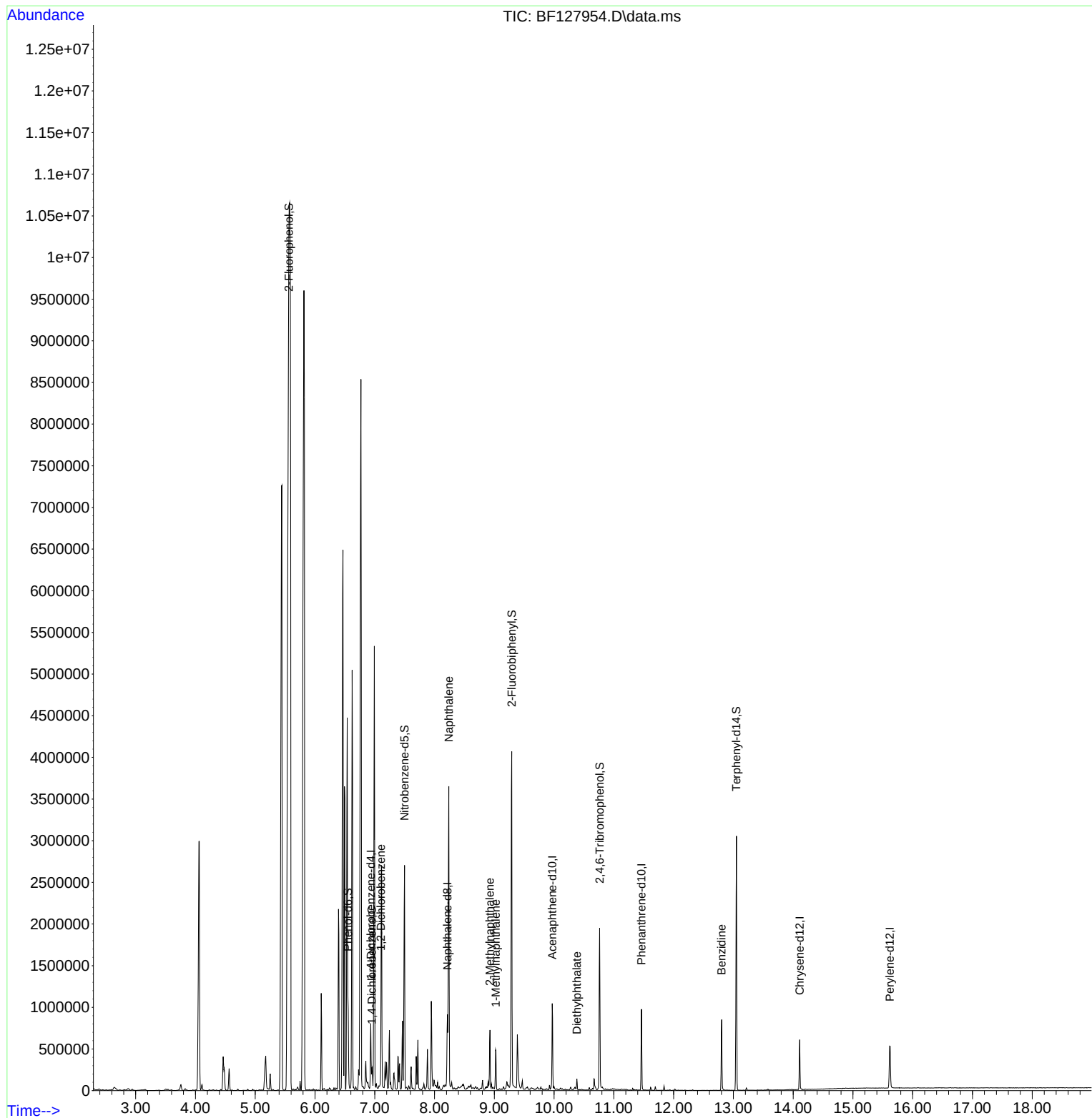
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	100108	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	385407	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	209973	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	331255	20.000	ng	0.00
76) Chrysene-d12	14.110	240	202192	20.000	ng	0.00
86) Perylene-d12	15.615	264	247534	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	241153	38.369	ng	0.01
7) Phenol-d6	6.551	99	394139	48.329	ng	-0.01
23) Nitrobenzene-d5	7.498	82	812580	99.144	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	215791	102.090	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1267984	102.161	ng	0.00
79) Terphenyl-d14	13.051	244	1021870	92.415	ng	0.00
Target Compounds						
						Qvalue
13) 1,4-Dichlorobenzene	6.951	146	38038	5.075	ng	97
14) 1,2-Dichlorobenzene	7.104	146	18943	2.730	ng	100
31) Naphthalene	8.239	128	1521938	77.533	ng	100
37) 2-Methylnaphthalene	8.928	142	175843	13.555	ng	99
38) 1-Methylnaphthalene	9.028	142	107401	8.517	ng	99
60) Diethylphthalate	10.380	149	40124	2.906	ng	98
77) Benzidine	12.804	184	310517	81.165	ng	98

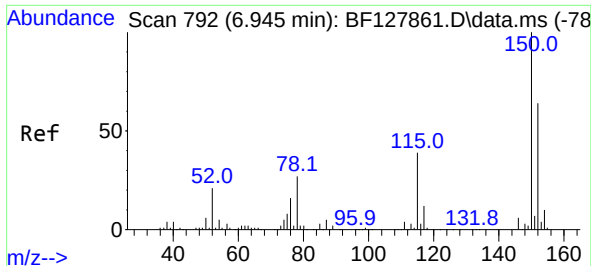
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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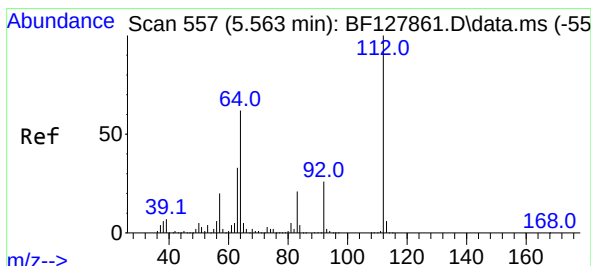
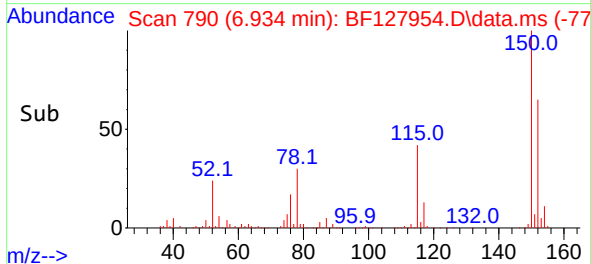
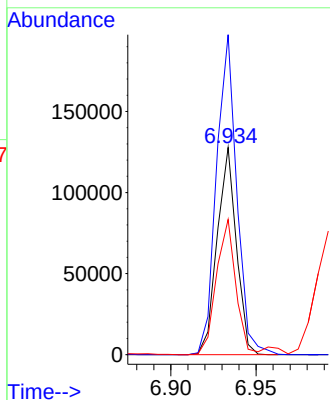
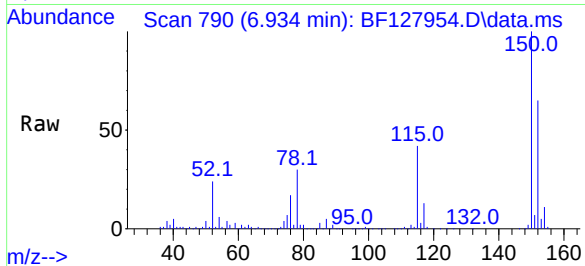




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF127954.D
Acq: 27 Apr 2022 19:27

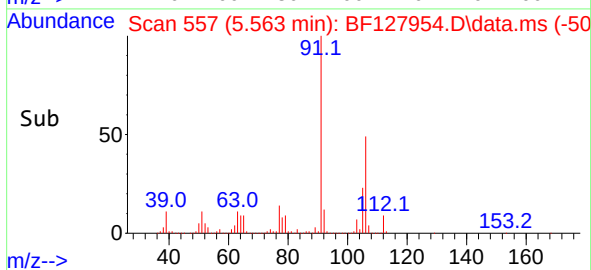
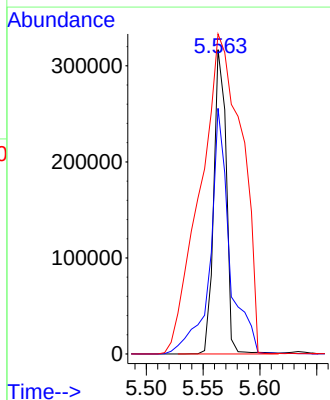
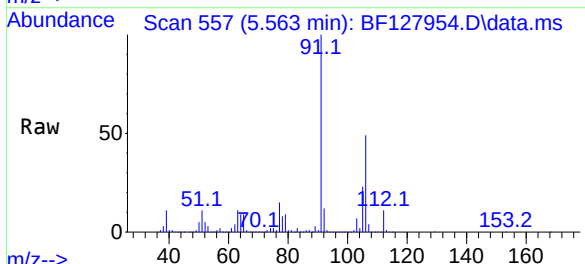
Instrument :
BNA_F
ClientSampleId :
MW-14R

Tgt Ion:152 Resp: 100108
Ion Ratio Lower Upper
152 100
150 154.5 125.3 187.9
115 65.3 48.8 73.2

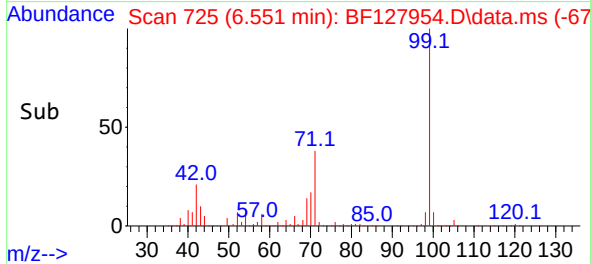
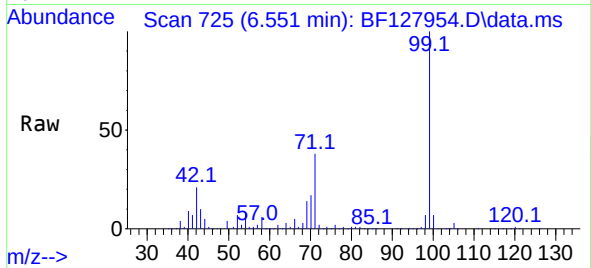
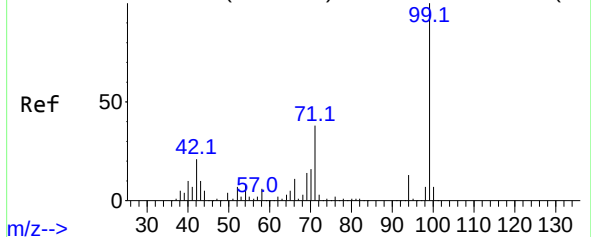


#5
2-Fluorophenol
Concen: 38.369 ng
RT: 5.563 min Scan# 557
Delta R.T. 0.012 min
Lab File: BF127954.D
Acq: 27 Apr 2022 19:27

Tgt Ion:112 Resp: 241153
Ion Ratio Lower Upper
112 100
64 80.7 49.5 74.3#
63 105.2 26.3 39.5#



Abundance Scan 728 (6.569 min): BF127861.D\data.ms (-72



#7

Phenol-d6

Concen: 48.329 ng

RT: 6.551 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF127954.D

Acq: 27 Apr 2022 19:27

Instrument :

BNA_F

ClientSampleId :

MW-14R

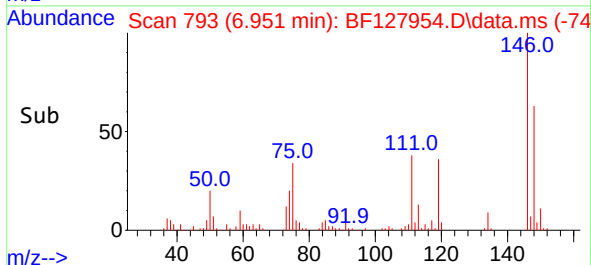
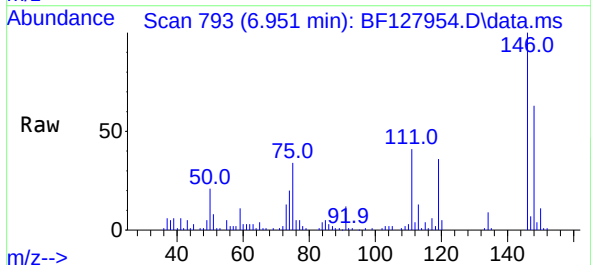
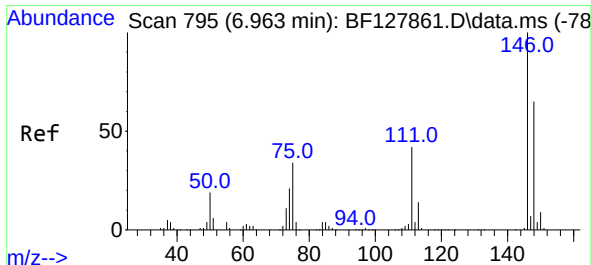
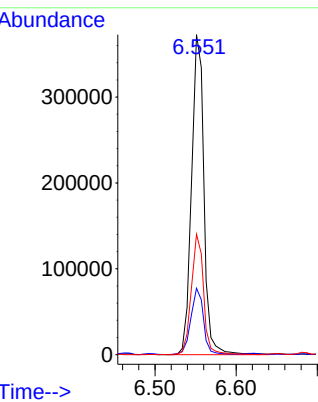
Tgt Ion: 99 Resp: 394139

Ion Ratio Lower Upper

99 100

42 20.8 16.6 24.8

71 37.6 30.0 45.0



#13

1,4-Dichlorobenzene

Concen: 5.075 ng

RT: 6.951 min Scan# 793

Delta R.T. -0.000 min

Lab File: BF127954.D

Acq: 27 Apr 2022 19:27

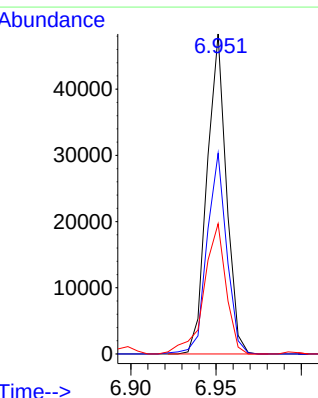
Tgt Ion:146 Resp: 38038

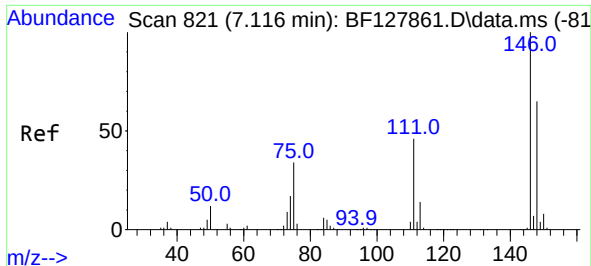
Ion Ratio Lower Upper

146 100

148 62.7 52.3 78.5

111 40.7 33.9 50.9

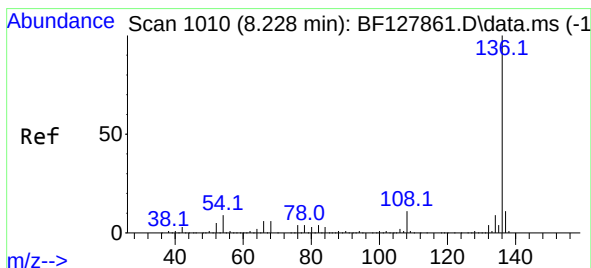
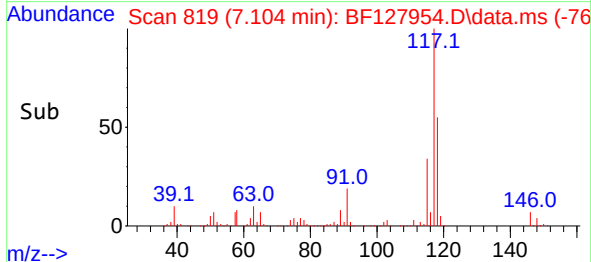
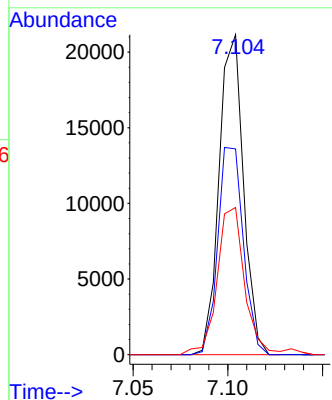
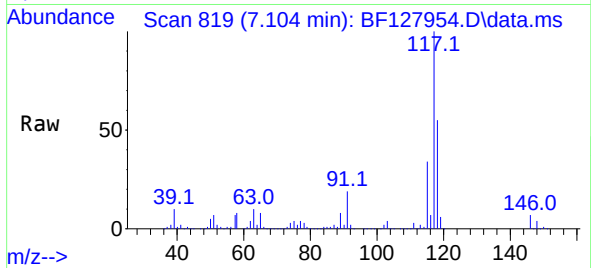




#14
1,2-Dichlorobenzene
Concen: 2.730 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF127954.D
Acq: 27 Apr 2022 19:27

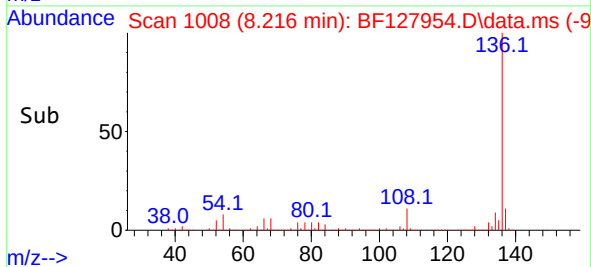
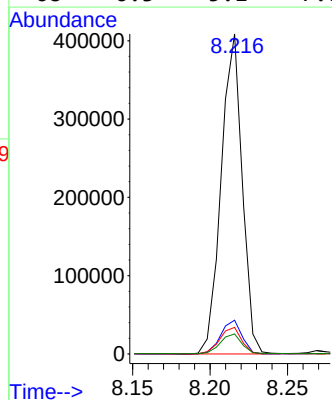
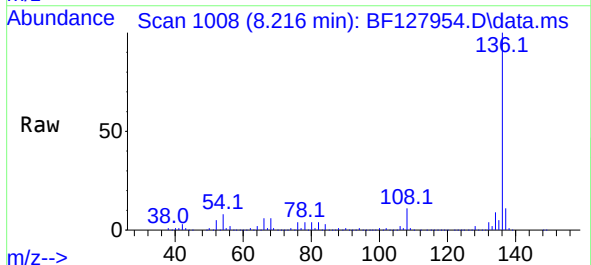
Instrument :
BNA_F
ClientSampleId :
MW-14R

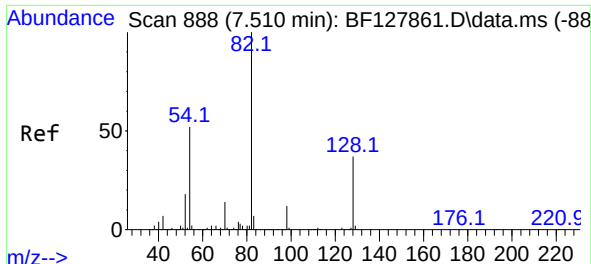
Tgt Ion:146 Resp: 18943
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
111 46.0 36.6 55.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF127954.D
Acq: 27 Apr 2022 19:27

Tgt Ion:136 Resp: 385407
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 8.3 6.8 10.2
68 6.3 5.1 7.7

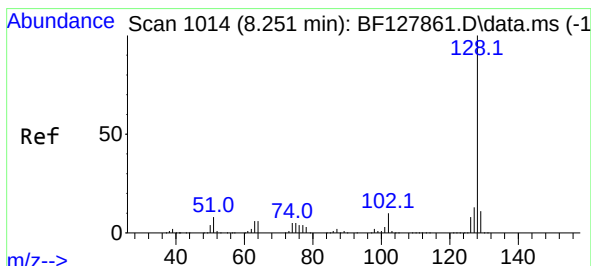
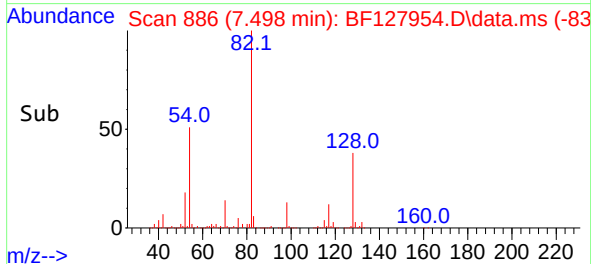
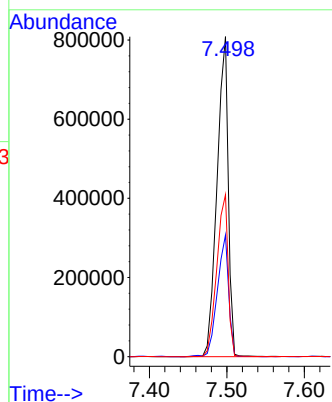
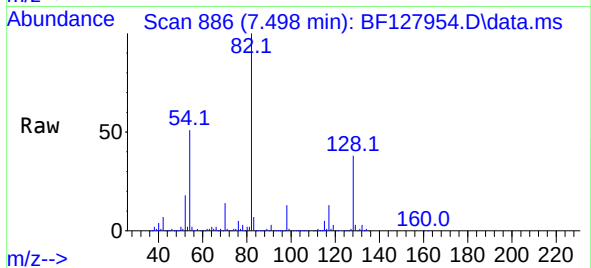




#23
Nitrobenzene-d5
Concen: 99.144 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127954.D
Acq: 27 Apr 2022 19:27

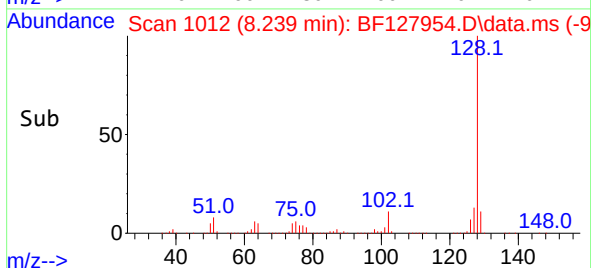
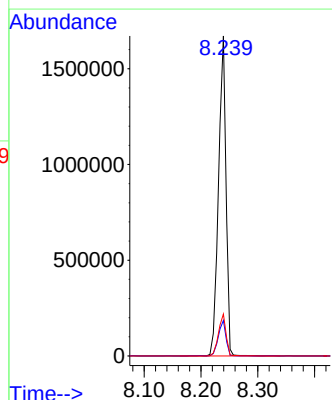
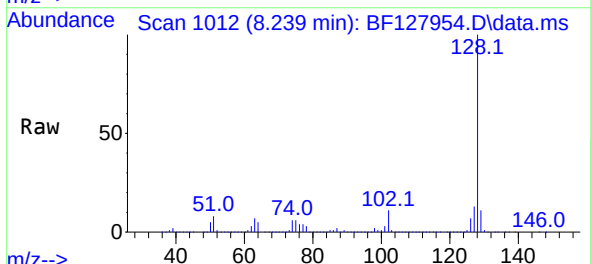
Instrument :
BNA_F
ClientSampleId :
MW-14R

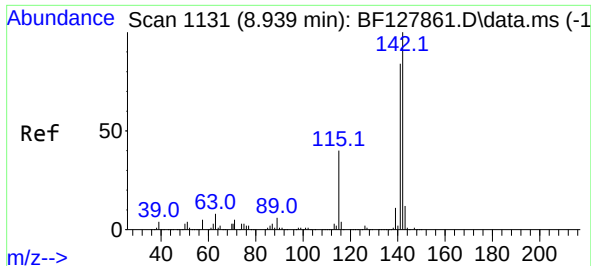
Tgt Ion: 82 Resp: 812580
Ion Ratio Lower Upper
82 100
128 38.0 30.0 45.0
54 50.6 41.3 61.9



#31
Naphthalene
Concen: 77.533 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF127954.D
Acq: 27 Apr 2022 19:27

Tgt Ion: 128 Resp: 1521938
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.1 10.6 16.0





#37

2-Methylnaphthalene

Concen: 13.555 ng

RT: 8.928 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BF127954.D

Acq: 27 Apr 2022 19:27

Instrument :

BNA_F

ClientSampleId :

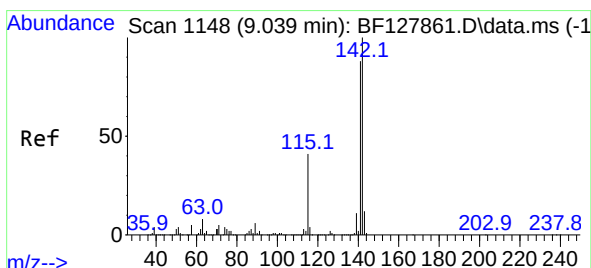
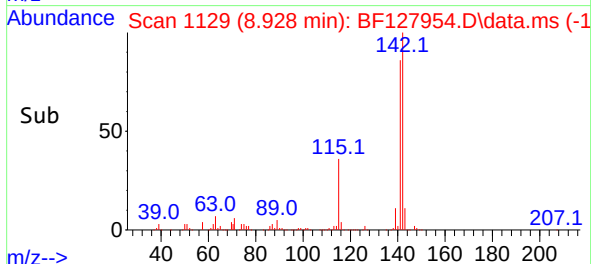
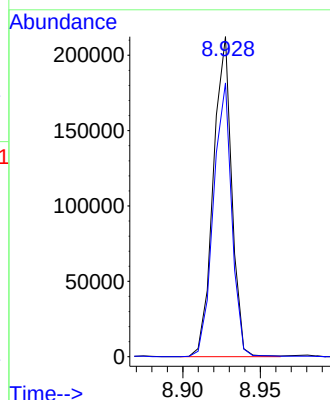
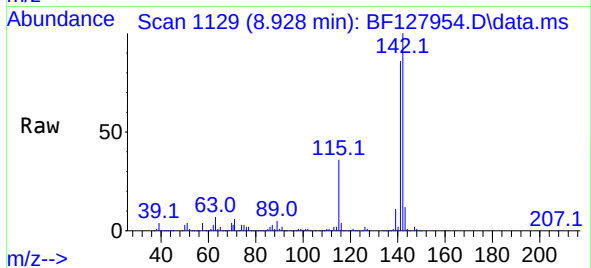
MW-14R

Tgt Ion:142 Resp: 175843

Ion Ratio Lower Upper

142 100

141 85.5 67.4 101.2



#38

1-Methylnaphthalene

Concen: 8.517 ng

RT: 9.028 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF127954.D

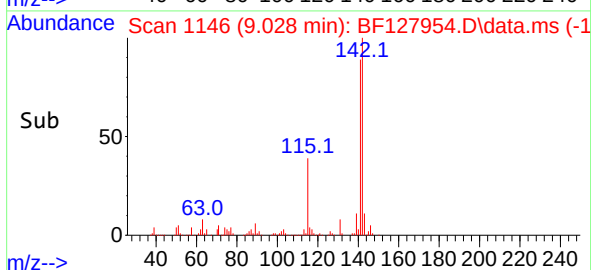
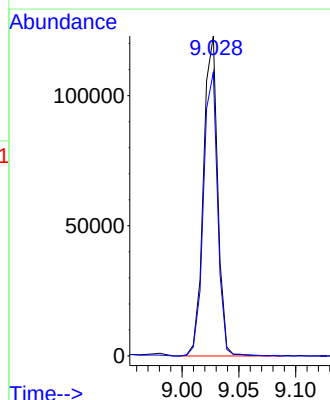
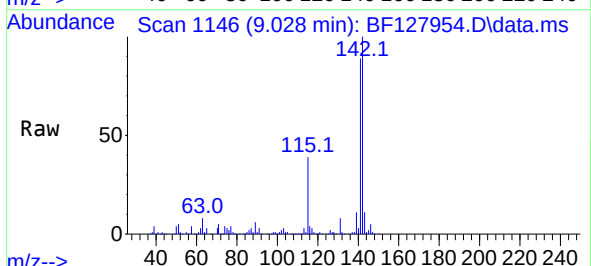
Acq: 27 Apr 2022 19:27

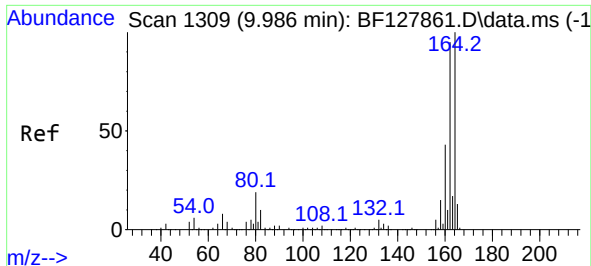
Tgt Ion:142 Resp: 107401

Ion Ratio Lower Upper

142 100

141 88.7 70.1 105.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.969 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127954.D

Acq: 27 Apr 2022 19:27

Instrument :

BNA_F

ClientSampleId :

MW-14R

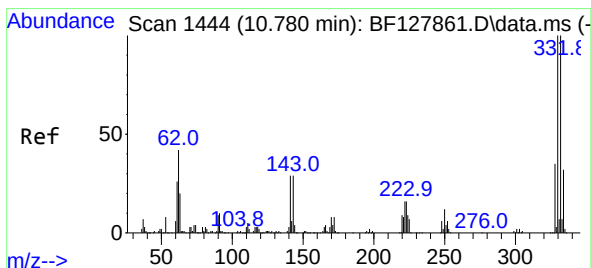
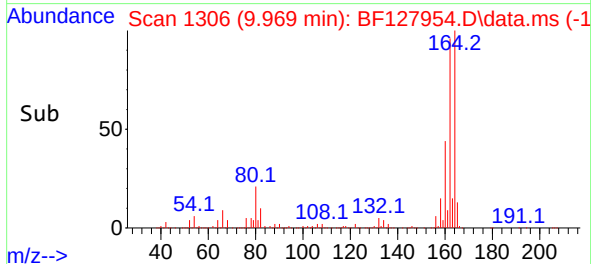
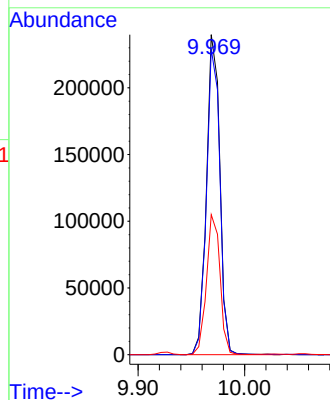
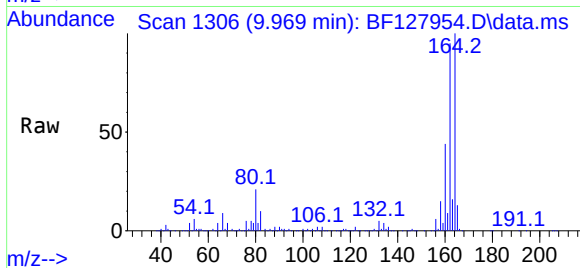
Tgt Ion:164 Resp: 209973

Ion Ratio Lower Upper

164 100

162 95.5 76.0 114.0

160 43.7 34.8 52.2



#42

2,4,6-Tribromophenol

Concen: 102.090 ng

RT: 10.763 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF127954.D

Acq: 27 Apr 2022 19:27

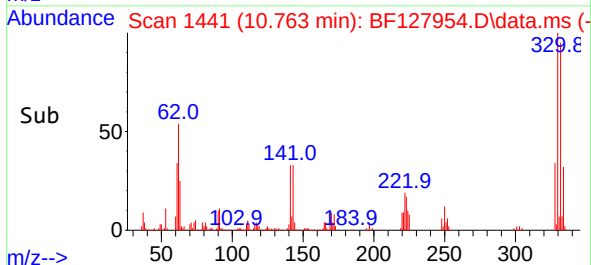
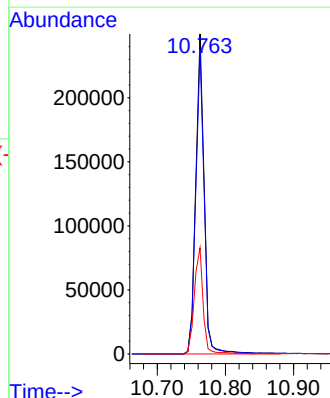
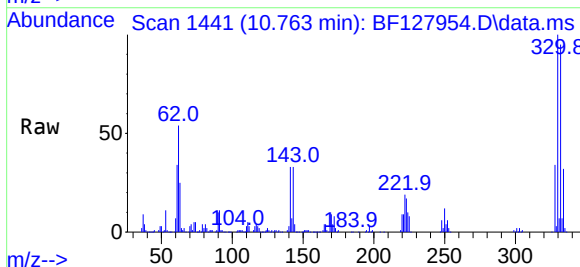
Tgt Ion:330 Resp: 215791

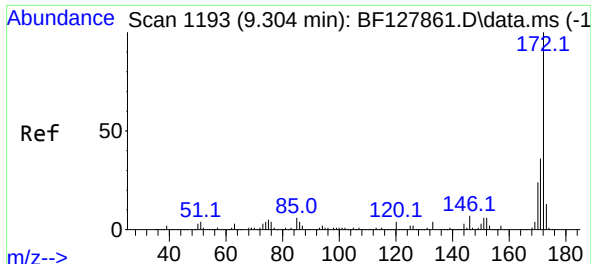
Ion Ratio Lower Upper

330 100

332 95.1 79.0 118.4

141 34.7 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 102.161 ng

RT: 9.292 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF127954.D

Acq: 27 Apr 2022 19:27

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MW-14R

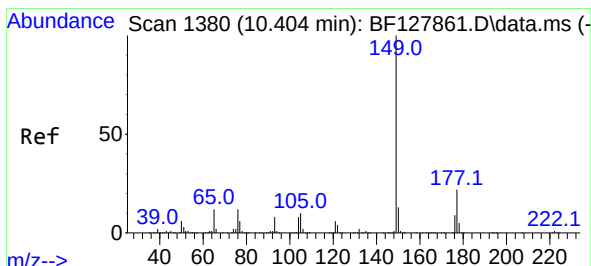
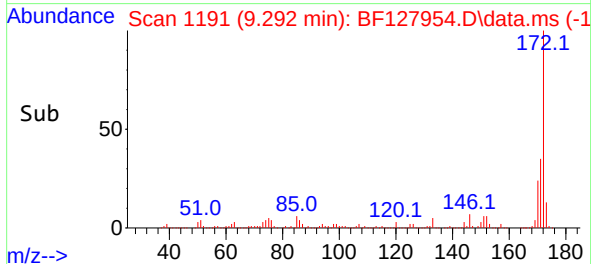
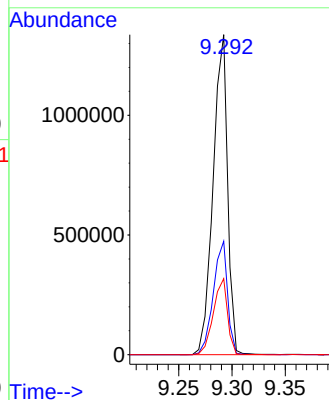
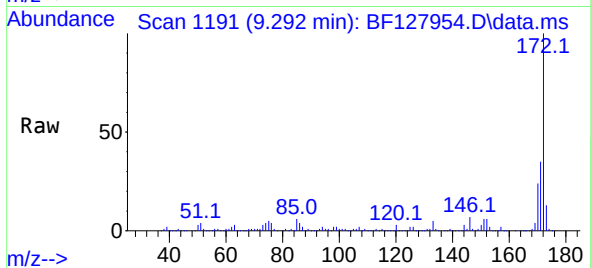
Tgt Ion:172 Resp: 1267984

Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.8 19.1 28.7



#60

Diethylphthalate

Concen: 2.906 ng

RT: 10.380 min Scan# 1376

Delta R.T. -0.012 min

Lab File: BF127954.D

Acq: 27 Apr 2022 19:27

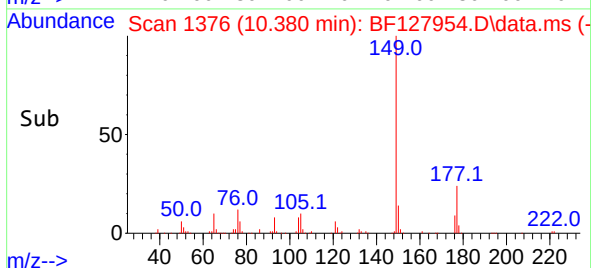
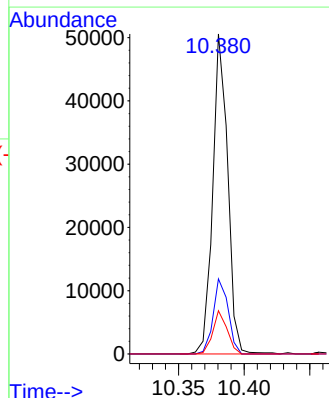
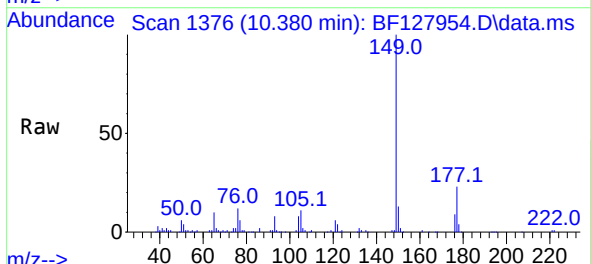
Tgt Ion:149 Resp: 40124

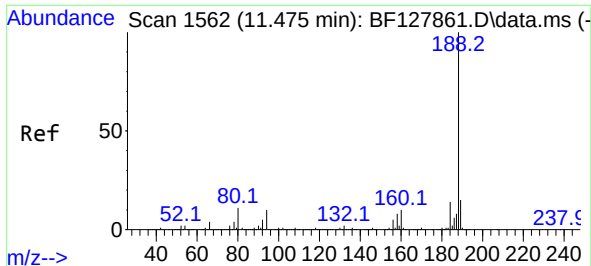
Ion Ratio Lower Upper

149 100

177 23.5 17.8 26.8

150 13.5 10.2 15.2

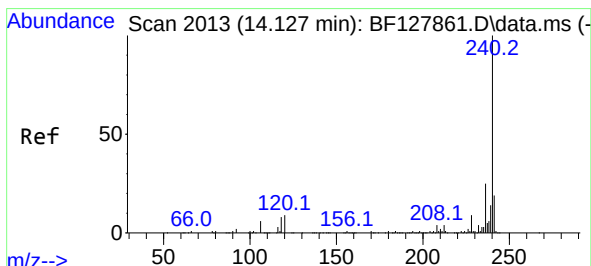
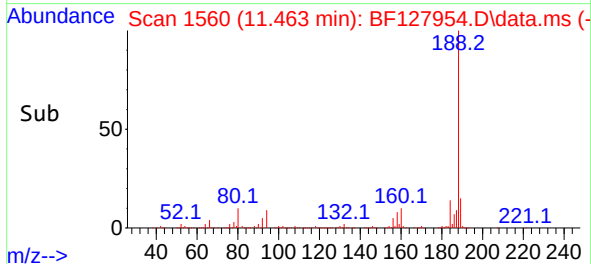
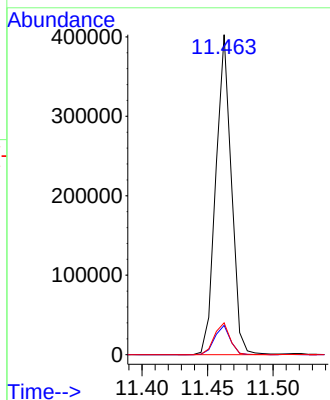
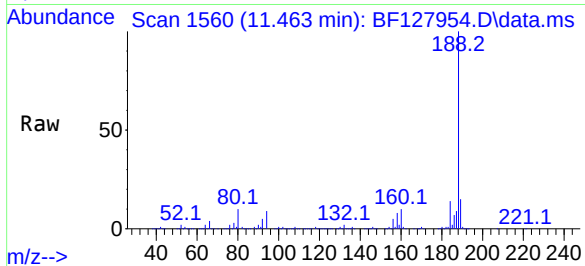




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127954.D
Acq: 27 Apr 2022 19:27

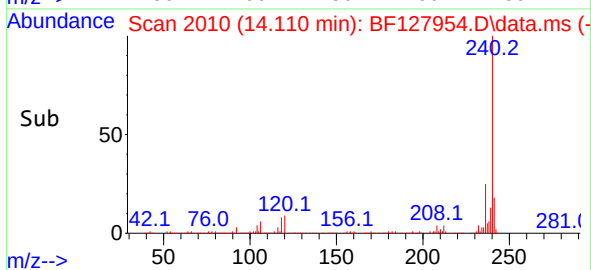
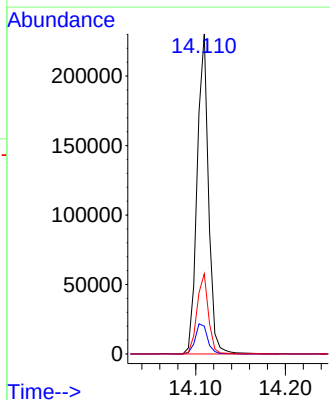
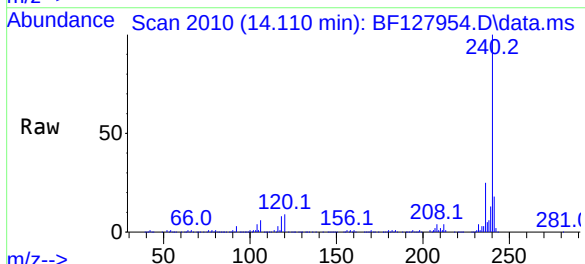
Instrument :
BNA_F
ClientSampleId :
MW-14R

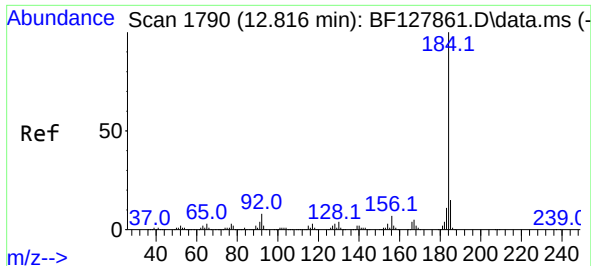
Tgt Ion:188 Resp: 331255
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 10.0 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127954.D
Acq: 27 Apr 2022 19:27

Tgt Ion:240 Resp: 202192
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 25.0 20.3 30.5

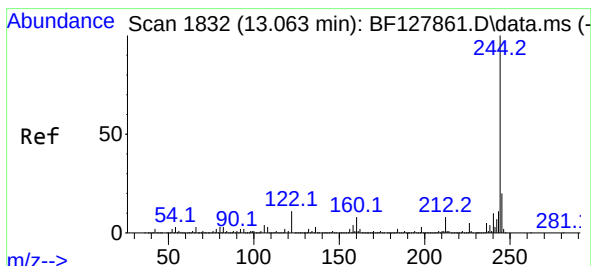
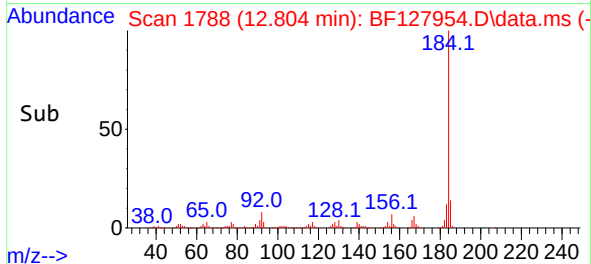
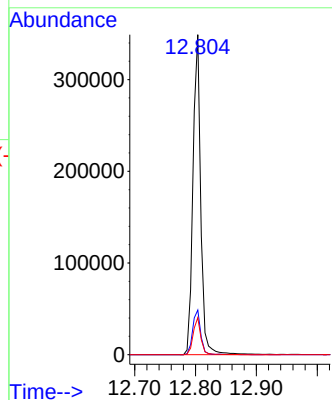
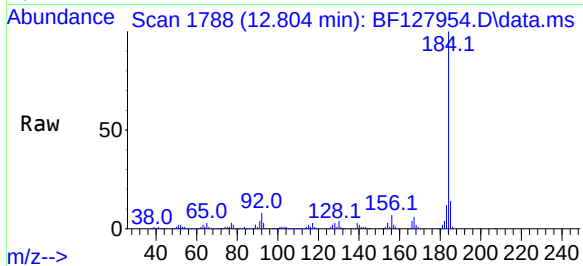




#77
Benzidine
Concen: 81.165 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF127954.D
Acq: 27 Apr 2022 19:27

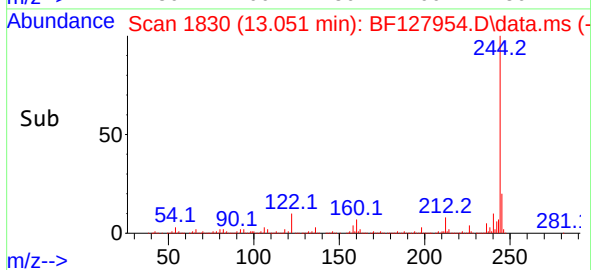
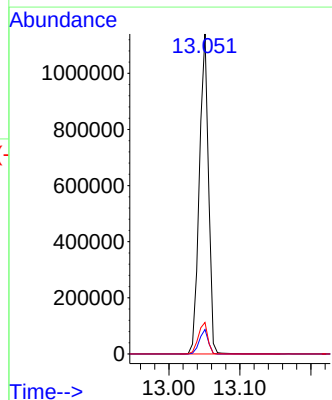
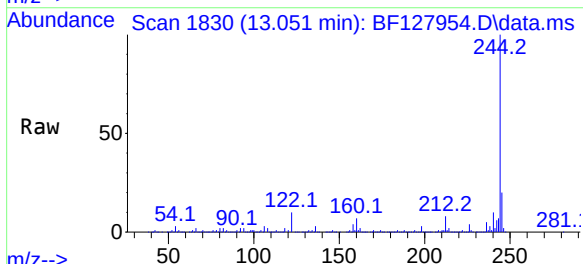
Instrument :
BNA_F
ClientSampleId :
MW-14R

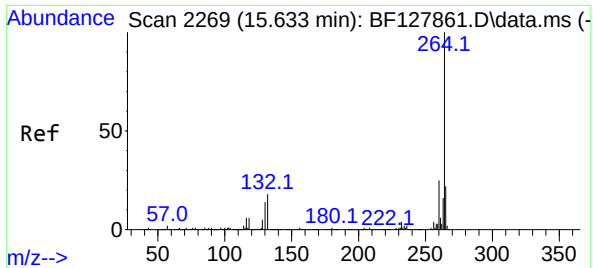
Tgt Ion:184 Resp: 310517
Ion Ratio Lower Upper
184 100
185 14.0 12.1 18.1
183 11.5 9.0 13.4



#79
Terphenyl-d14
Concen: 92.415 ng
RT: 13.051 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF127954.D
Acq: 27 Apr 2022 19:27

Tgt Ion:244 Resp: 1021870
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 9.8 8.6 12.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.615 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127954.D
 Acq: 27 Apr 2022 19:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-14R

Tgt Ion:264 Resp: 247534

Ion	Ratio	Lower	Upper
264	100		
260	22.5	20.1	30.1
265	21.1	17.5	26.3

