

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

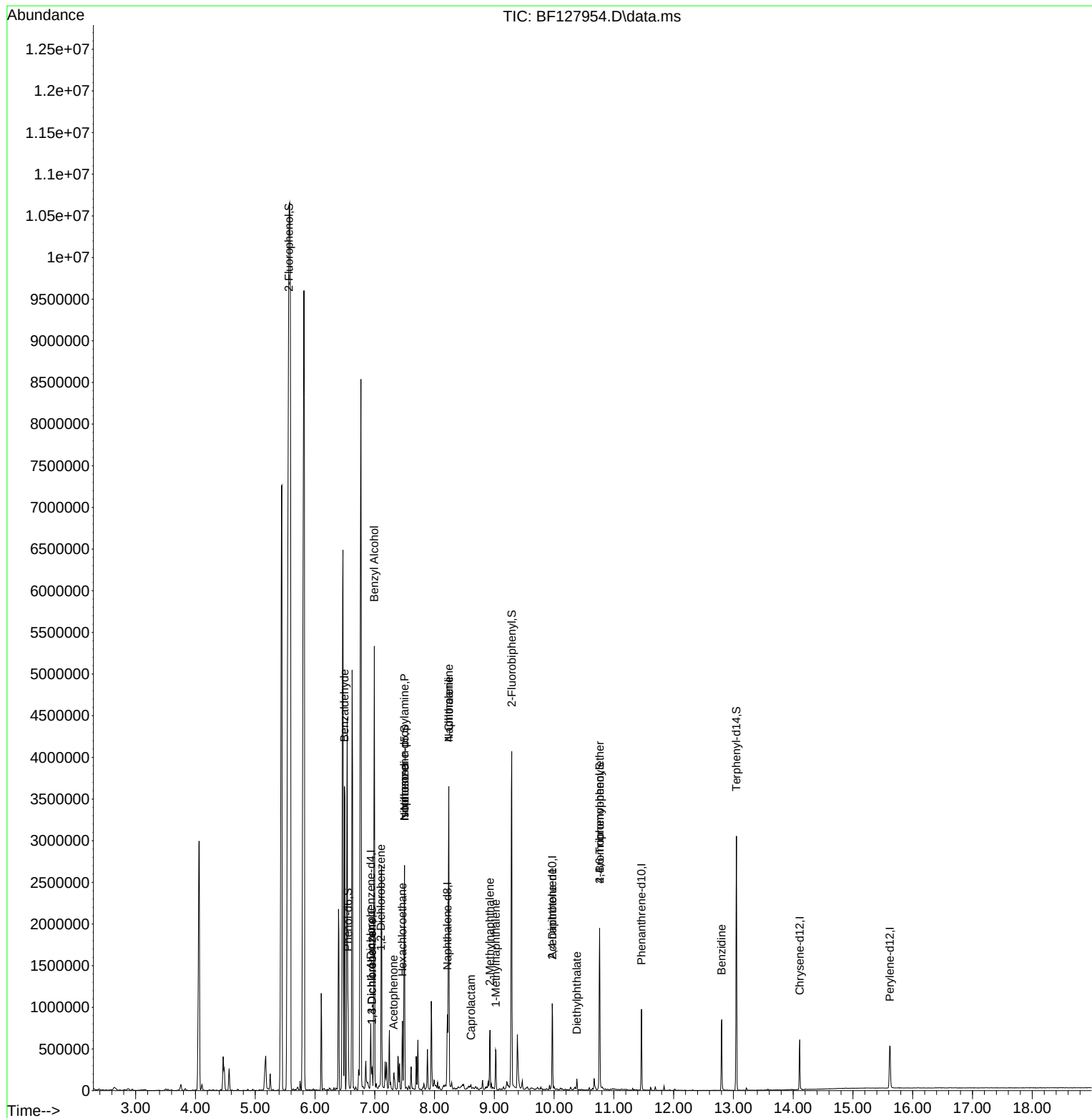
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	100108	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	385407	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	209973	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	331255	20.000	ng	0.00
76) Chrysene-d12	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
9) Benzaldehyde	6.492	77	165461	32.796	ng	# 1
12) 1,3-Dichlorobenzene	6.951	146	38038	5.066	ng	97
13) 1,4-Dichlorobenzene	6.951	146	38038	5.075	ng	97
14) 1,2-Dichlorobenzene	7.104	146	18943	2.730	ng	100
15) Benzyl Alcohol	6.992	79	175233	31.597	ng	# 5
18) Hexachloroethane	7.463	117	45520	16.520	ng	# 1
19) n-Nitroso-di-n-propyla...	7.498	70	110746	22.184	ng	# 79
22) Acetophenone	7.316	105	89697	9.549	ng	# 58
25) Isophorone	7.498	82	808987	58.646	ng	# 68
31) Naphthalene	8.239	128	1521938	77.533	ng	100
33) 4-Chloroaniline	8.239	127	201976	26.005	ng	# 32
35) Caprolactam	8.610	113	4570	2.418	ng	# 84
37) 2-Methylnaphthalene	8.928	142	175843	13.555	ng	99
38) 1-Methylnaphthalene	9.028	142	107401	8.517	ng	99
57) 2,4-Dinitrotoluene	9.969	165	27379	6.779	ng	# 27
60) Diethylphthalate	10.380	149	40124	2.906	ng	98
67) 4-Bromophenyl-phenylether	10.763	248	13579	3.698	ng	# 1
77) Benzidine	12.804	184	310517	81.165	ng	98

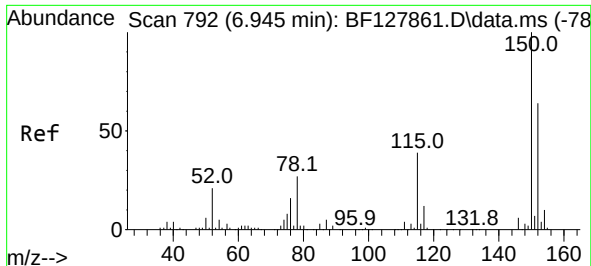
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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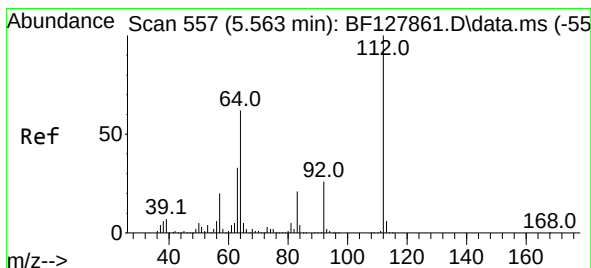
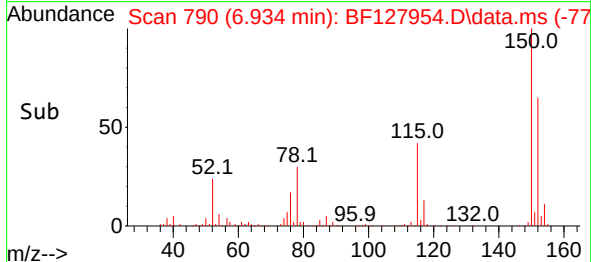
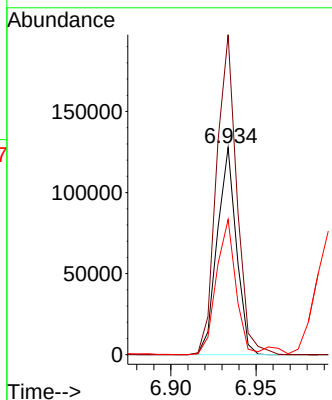
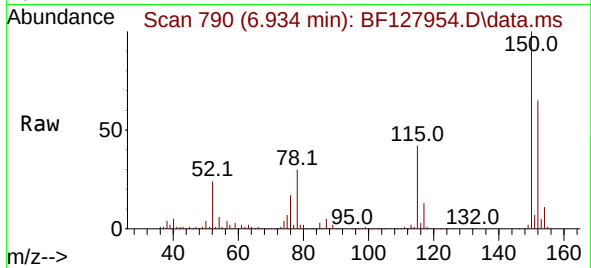




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 792
Delta R.T. -0.000 min
Lab File: BF127954.D
Acq: 27 Apr 2022 19:27

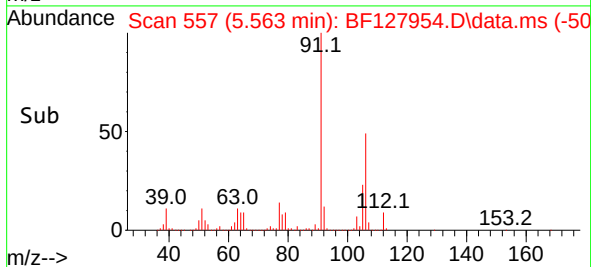
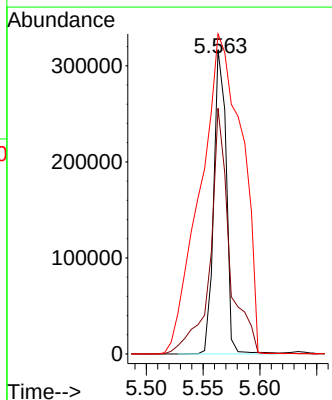
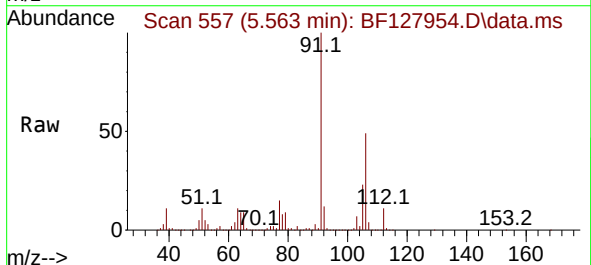
Instrument :
BNA_F
ClientSampleId :
MW-14R

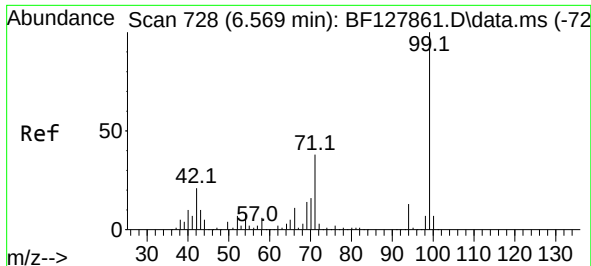
Tgt Ion:152 Resp: 100108
Ion Ratio Lower Upper
152 100
150 154.5 125.3 187.9
115 65.3 48.8 73.2



#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#

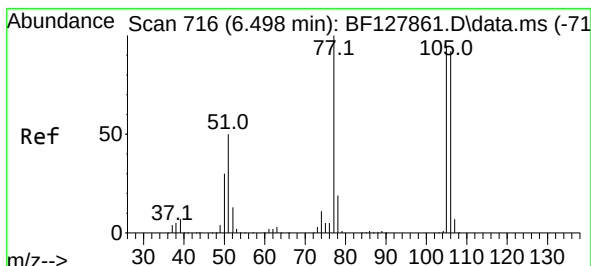
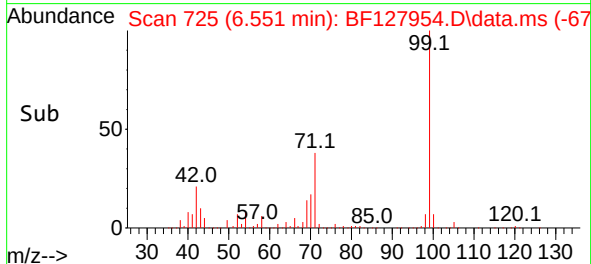
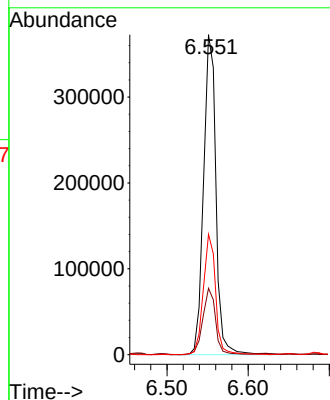
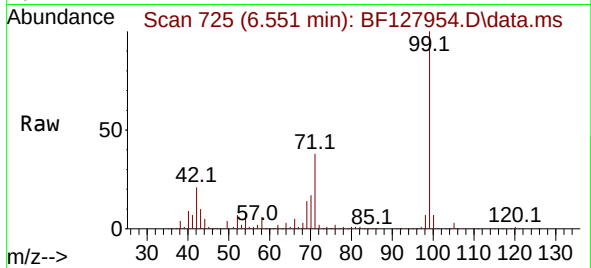




#7
Phenol-d6
Concen: 48.329 ng
RT: 6.551 min Scan# 715
Delta R.T. -0.012 min
Lab File: BF127954.D
Acq: 27 Apr 2022 19:27

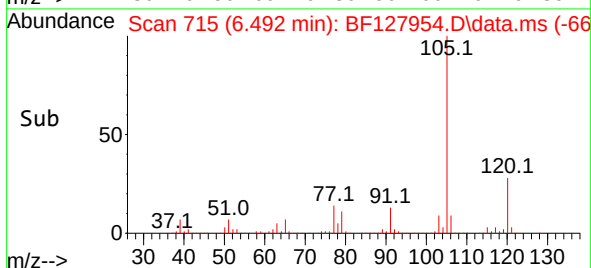
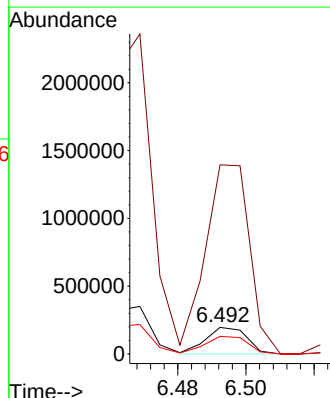
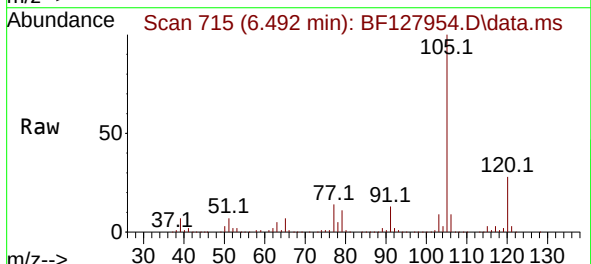
Instrument :
BNA_F
ClientSampleId :
MW-14R

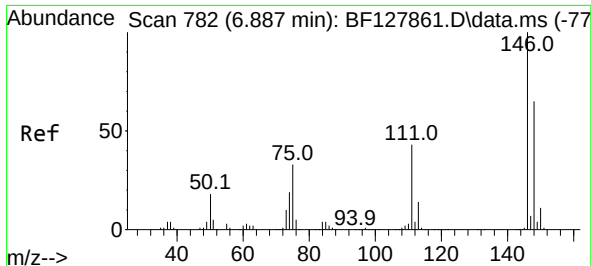
Tgt Ion: 99 Resp: 394139
Ion Ratio Lower Upper
99 100
42 20.8 16.6 24.8
71 37.6 30.0 45.0



#9
Benzaldehyde
Concen: 32.796 ng
RT: 6.492 min Scan# 715
Delta R.T. 0.006 min
Lab File: BF127954.D
Acq: 27 Apr 2022 19:27

Tgt Ion: 77 Resp: 165461
Ion Ratio Lower Upper
77 100
105 710.6 74.9 114.9#
106 66.2 72.2 112.2#





#12

1,3-Dichlorobenzene

Concen: 5.066 ng

RT: 6.951 min Scan# 793

Delta R.T. 0.076 min

Lab File: BF127954.D

Acq: 27 Apr 2022 19:27

Instrument :

BNA_F

ClientSampleId :

MW-14R

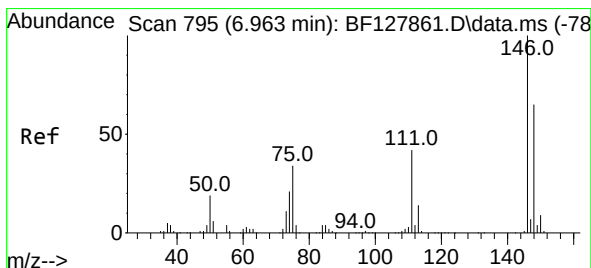
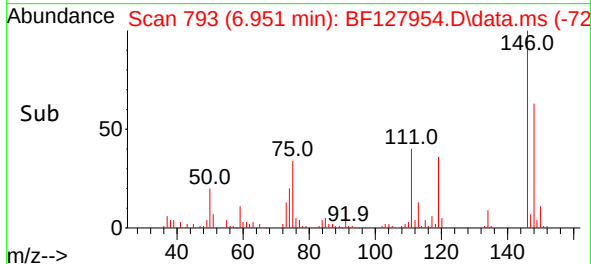
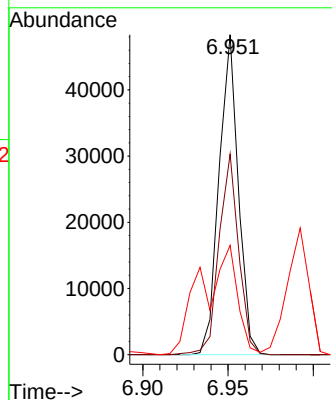
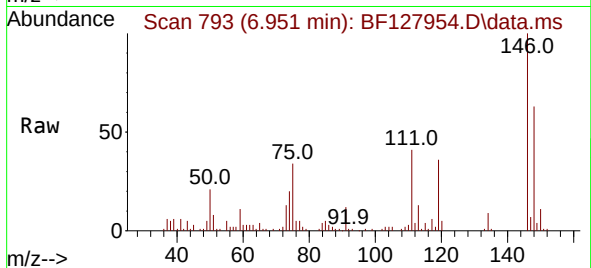
Tgt Ion:146 Resp: 38038

Ion Ratio Lower Upper

146 100

148 62.7 52.1 78.1

75 34.2 26.2 39.4



#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

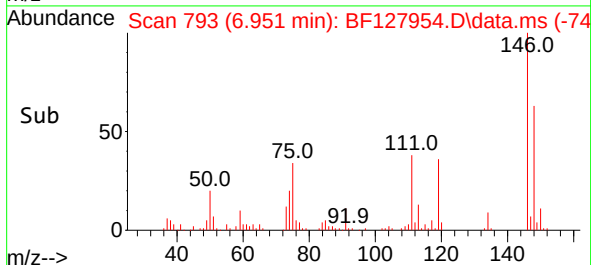
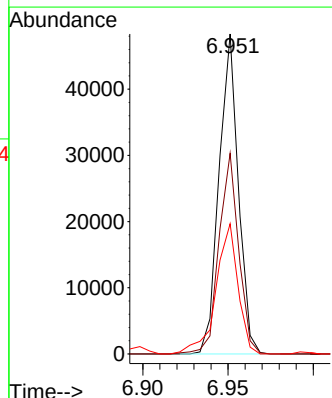
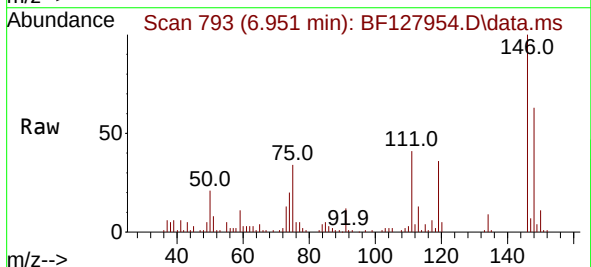
Tgt Ion:146 Resp: 38038

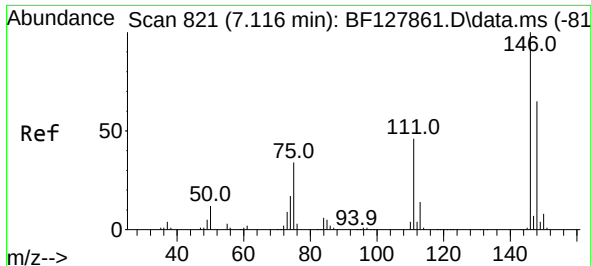
Ion Ratio Lower Upper

146 100

148 62.7 52.3 78.5

111 40.7 33.9 50.9

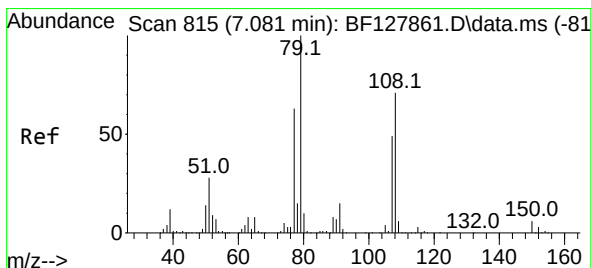
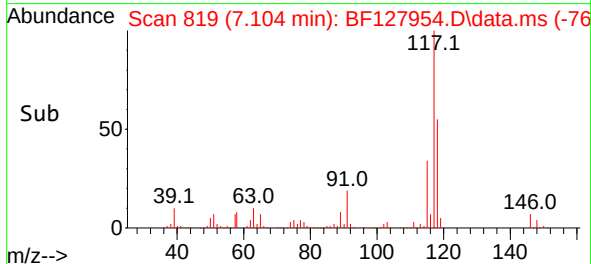
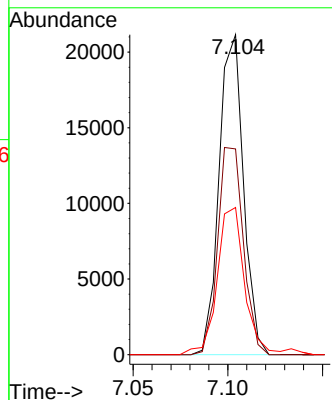
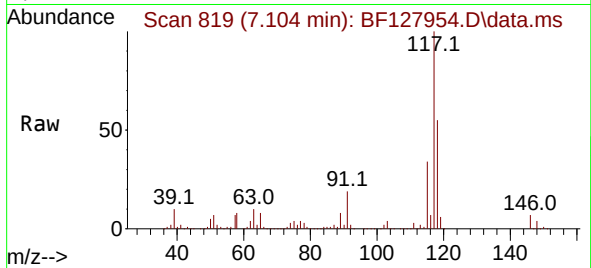




#14
1,2-Dichlorobenzene
Concen: 2.730 ng
RT: 7.104 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF127954.D
Acq: 27 Apr 2022 19:27

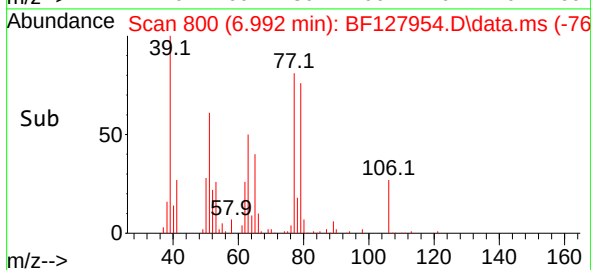
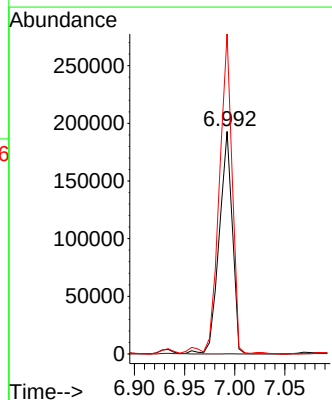
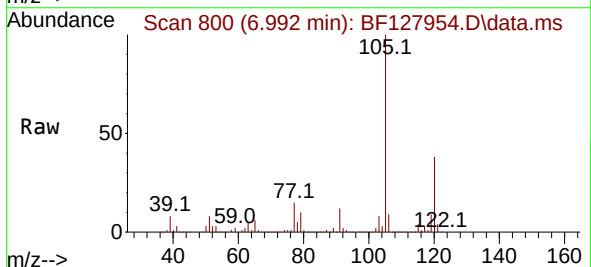
Instrument :
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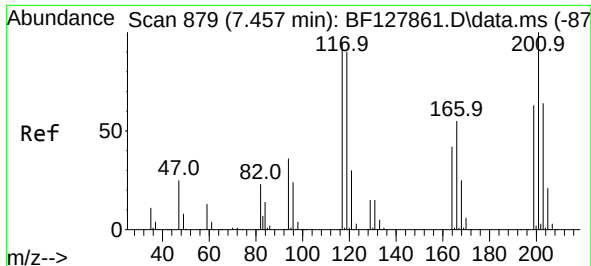
Tgt Ion:146 Resp: 18943
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
111 46.0 36.6 55.0



#15
Benzyl Alcohol
Concen: 31.597 ng
RT: 6.992 min Scan# 800
Delta R.T. -0.082 min
Lab File: BF127954.D
Acq: 27 Apr 2022 19:27

Tgt Ion: 79 Resp: 175233
Ion Ratio Lower Upper
79 100
108 0.1 57.0 85.6#
77 143.8 50.2 75.4#

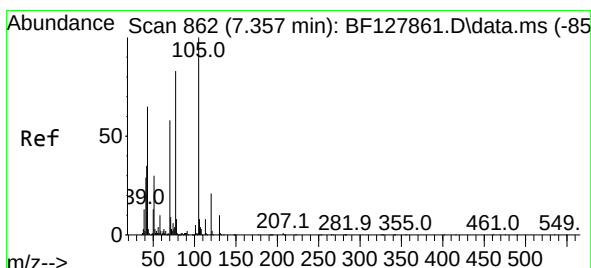
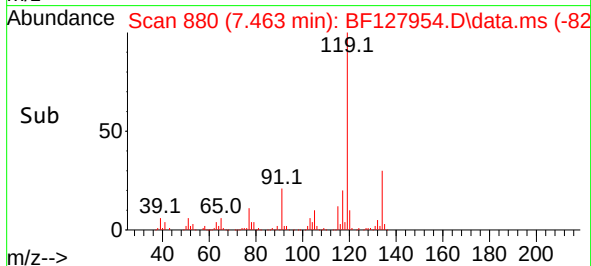
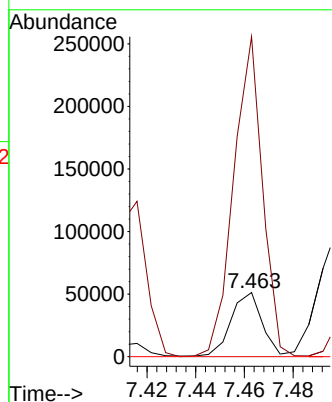
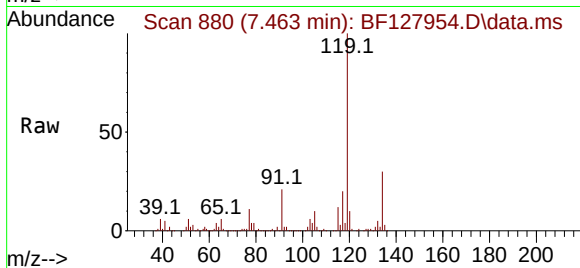




#18
Hexachloroethane
Concen: 16.520 ng
RT: 7.463 min Scan# 81
Delta R.T. 0.018 min
Lab File: BF127954.D
Acq: 27 Apr 2022 19:27

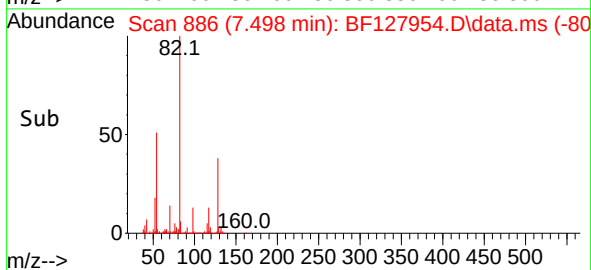
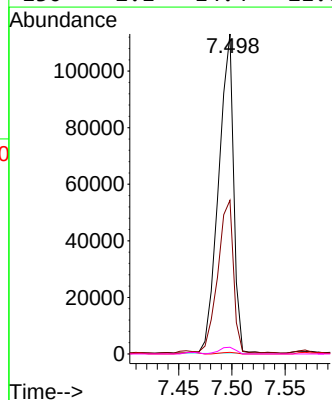
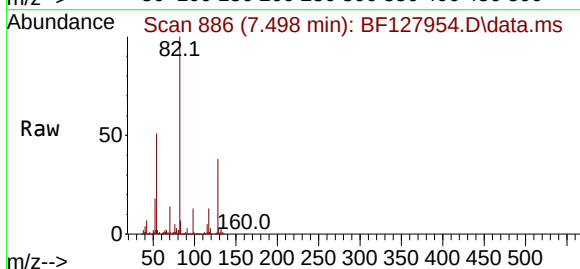
Instrument :
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ClientSampleId :
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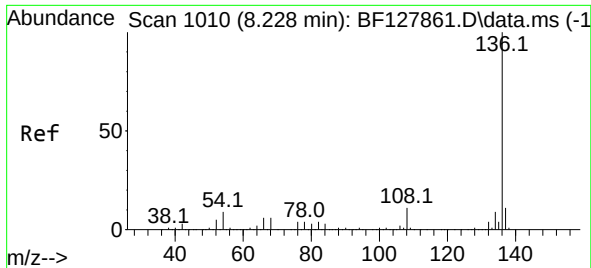
Tgt Ion:117 Resp: 45520
Ion Ratio Lower Upper
117 100
119 498.5 76.2 114.4#
201 0.0 84.4 126.6#



#19
n-Nitroso-di-n-propylamine
Concen: 22.184 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.153 min
Lab File: BF127954.D
Acq: 27 Apr 2022 19:27

Tgt Ion: 70 Resp: 110746
Ion Ratio Lower Upper
70 100
42 48.0 48.7 73.1#
101 0.5 7.2 10.8#
130 2.1 14.4 21.6#



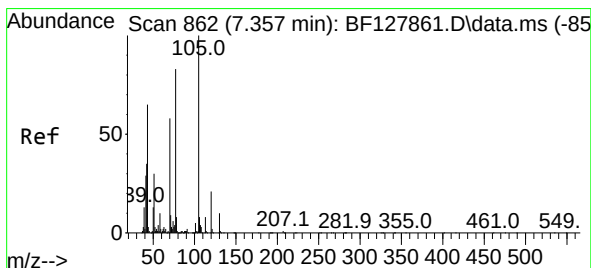
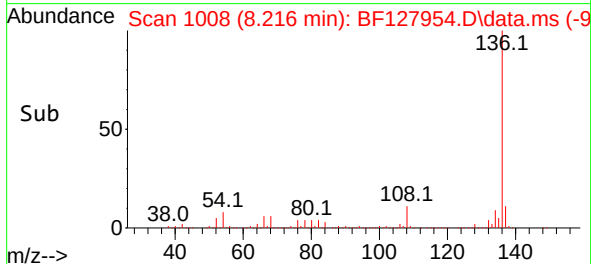
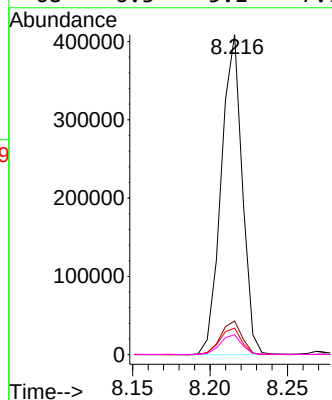
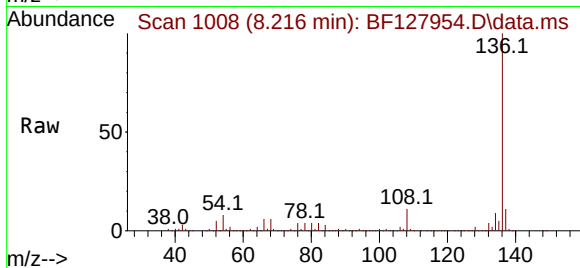


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF127954.D
Acq: 27 Apr 2022 19:27

Instrument :
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Tgt Ion:136 Resp: 385407

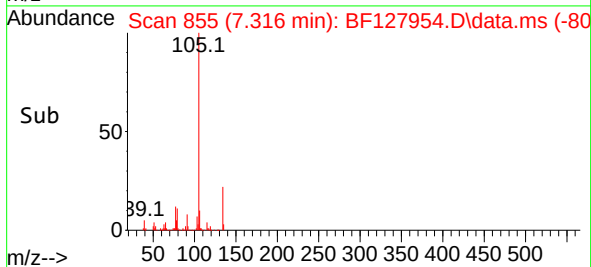
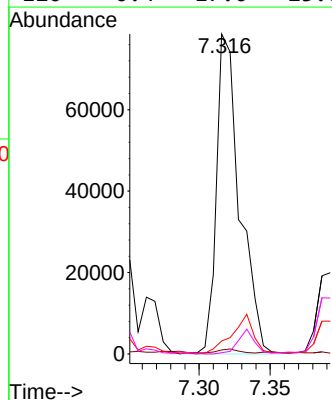
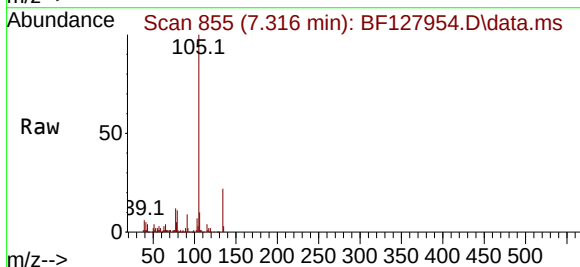
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	8.3	6.8	10.2
68	6.3	5.1	7.7

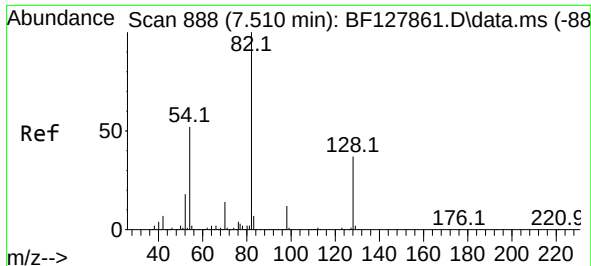


#22
Acetophenone
Concen: 9.549 ng
RT: 7.316 min Scan# 855
Delta R.T. -0.029 min
Lab File: BF127954.D
Acq: 27 Apr 2022 19:27

Tgt Ion:105 Resp: 89697

Ion	Ratio	Lower	Upper
105	100		
71	1.2	7.3	10.9#
51	4.0	23.7	35.5#
120	0.4	17.0	25.6#





#23

Nitrobenzene-d5

Concen: 99.144 ng

RT: 7.498 min Scan# 886

Delta R.T. -0.006 min

Lab File: BF127954.D

Acq: 27 Apr 2022 19:27

Instrument :

BNA_F

ClientSampleId :

MW-14R

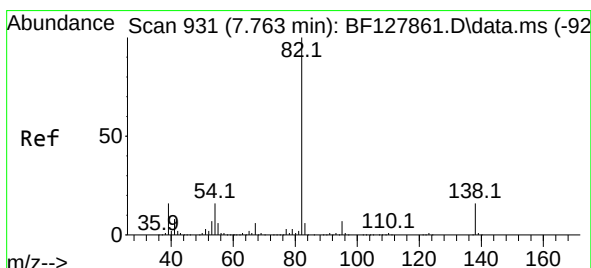
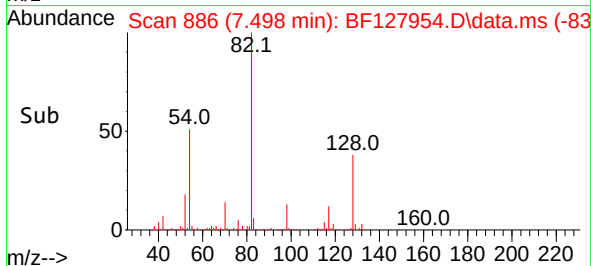
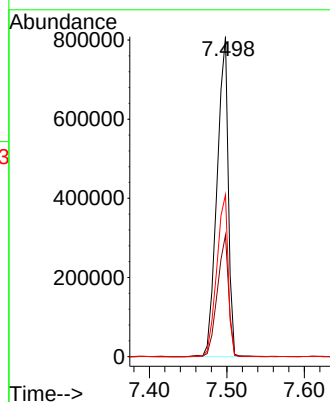
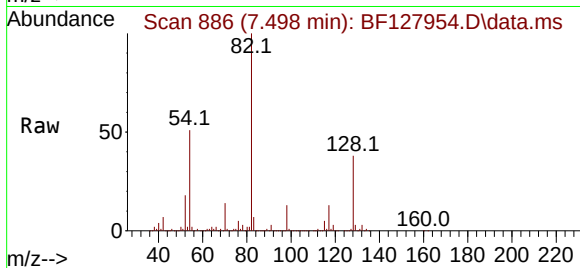
Tgt Ion: 82 Resp: 812580

Ion Ratio Lower Upper

82 100

128 38.0 30.0 45.0

54 50.6 41.3 61.9



#25

Isophorone

Concen: 58.646 ng

RT: 7.498 min Scan# 886

Delta R.T. -0.259 min

Lab File: BF127954.D

Acq: 27 Apr 2022 19:27

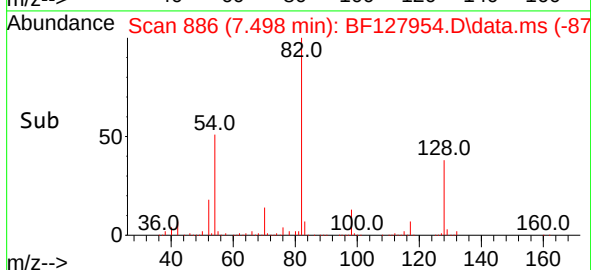
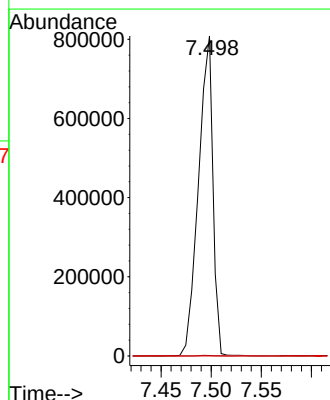
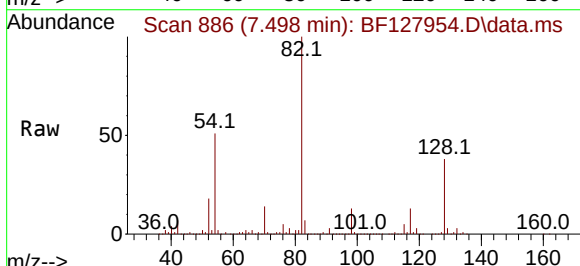
Tgt Ion: 82 Resp: 808987

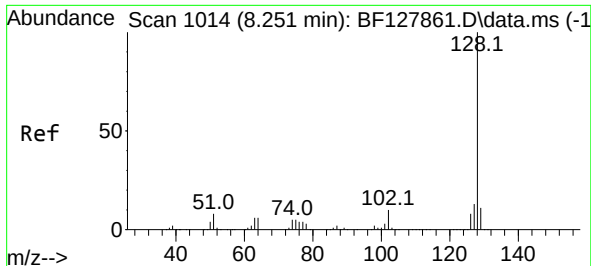
Ion Ratio Lower Upper

82 100

95 0.2 5.6 8.4#

138 0.0 12.5 18.7#

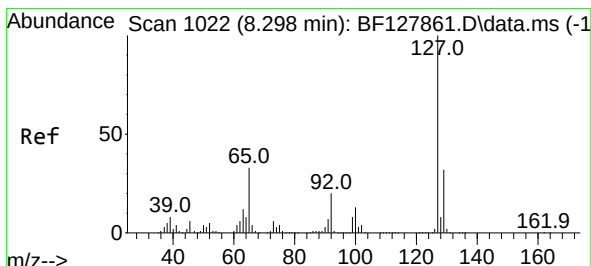
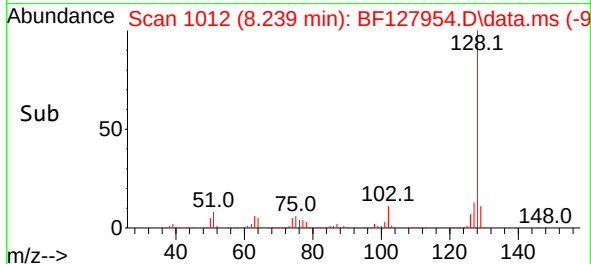
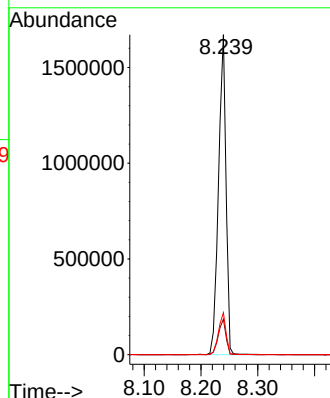
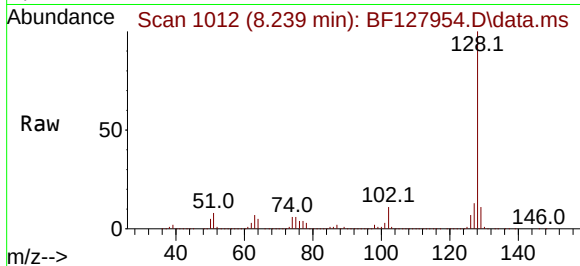




#31
Naphthalene
Concen: 77.533 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF127954.D
Acq: 27 Apr 2022 19:27

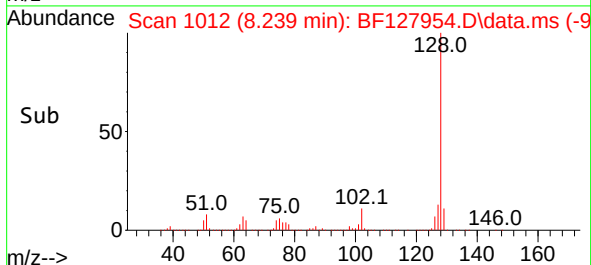
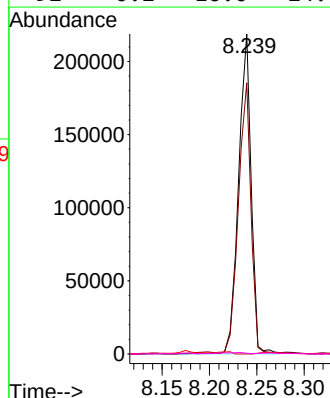
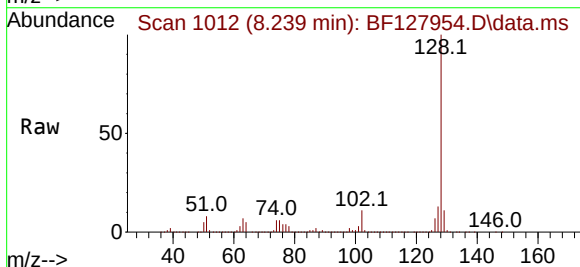
Instrument :
BNA_F
ClientSampleId :
MW-14R

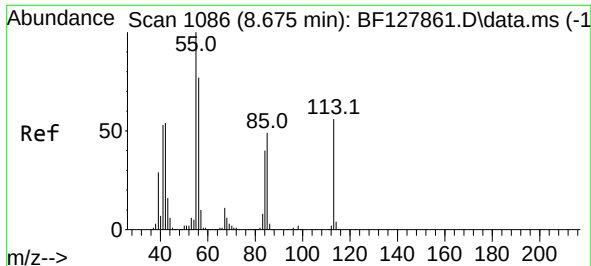
Tgt Ion:128 Resp: 1521938
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.1 10.6 16.0



#33
4-Chloroaniline
Concen: 26.005 ng
RT: 8.239 min Scan# 1012
Delta R.T. -0.047 min
Lab File: BF127954.D
Acq: 27 Apr 2022 19:27

Tgt Ion:127 Resp: 201976
Ion Ratio Lower Upper
127 100
129 84.7 25.8 38.8#
65 0.0 26.7 40.1#
92 0.2 16.0 24.0#

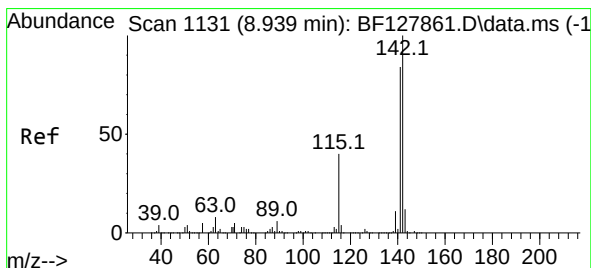
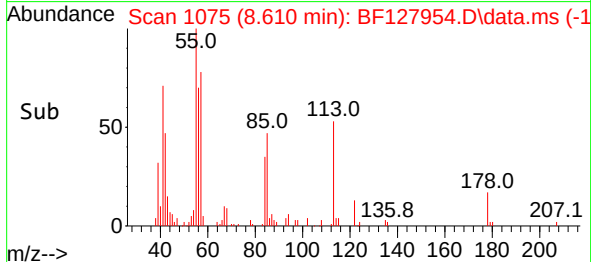
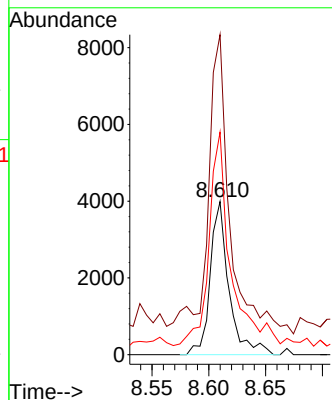
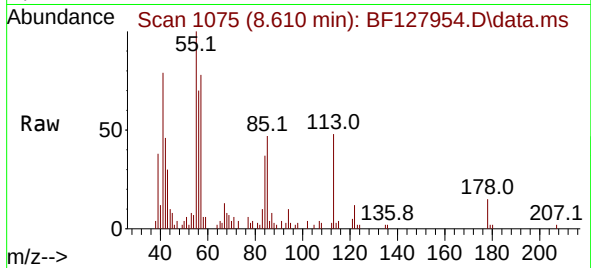




#35
 Caprolactam
 Concen: 2.418 ng
 RT: 8.610 min Scan# 1107
 Delta R.T. -0.059 min
 Lab File: BF127954.D
 Acq: 27 Apr 2022 19:27

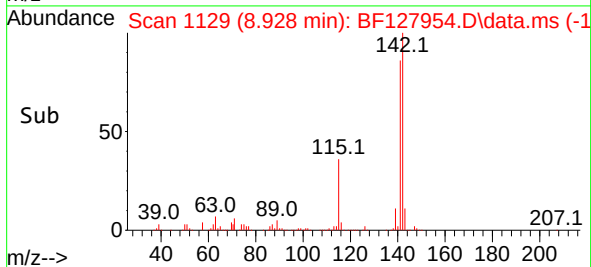
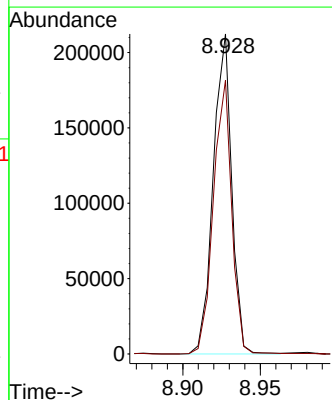
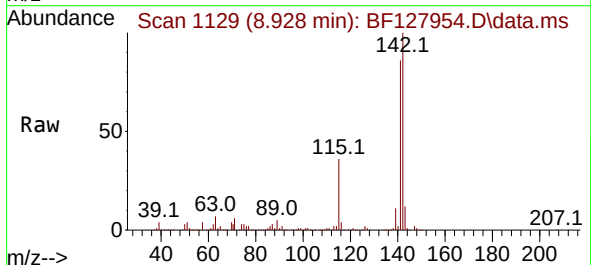
Instrument :
 BNA_F
 ClientSampleId :
 MW-14R

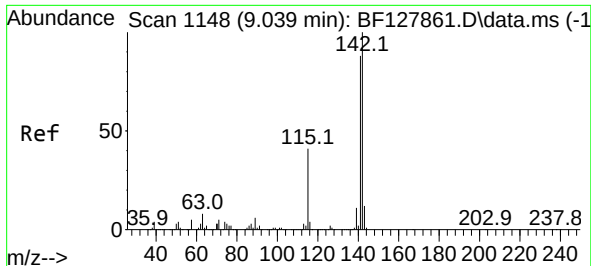
Tgt Ion:113 Resp: 4570
 Ion Ratio Lower Upper
 113 100
 55 209.0 157.4 197.4#
 56 145.3 116.1 156.1



#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

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# 1148

Delta R.T. -0.006 min

Lab File: BF127954.D

Acq: 27 Apr 2022 19:27

Instrument :

BNA_F

ClientSampleId :

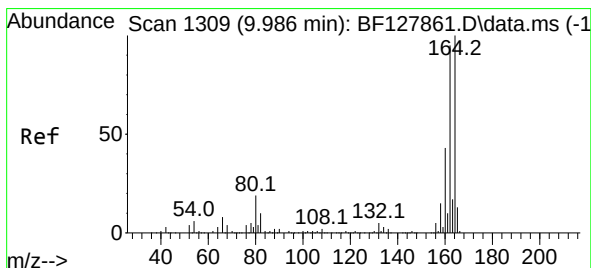
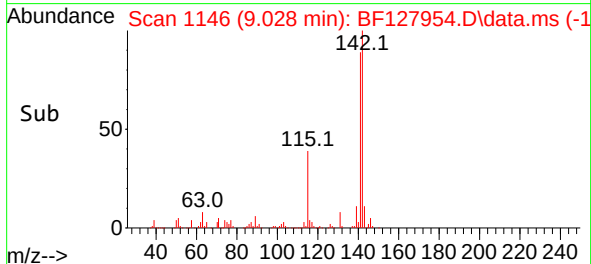
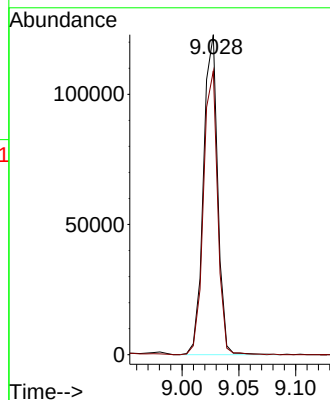
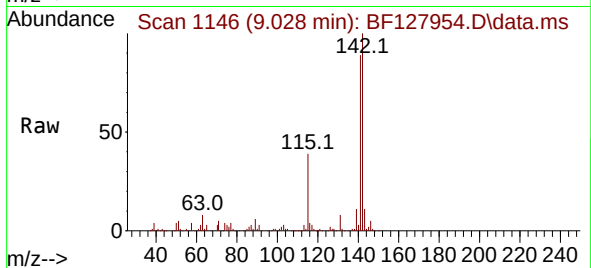
MW-14R

Tgt Ion:142 Resp: 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# 1306

Delta R.T. -0.006 min

Lab File: BF127954.D

Acq: 27 Apr 2022 19:27

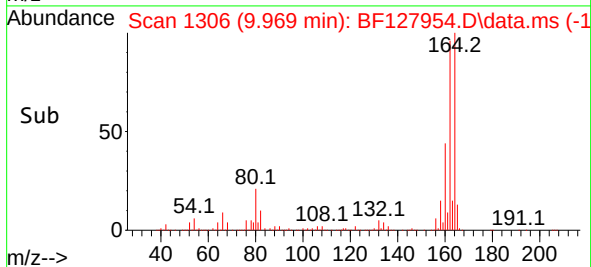
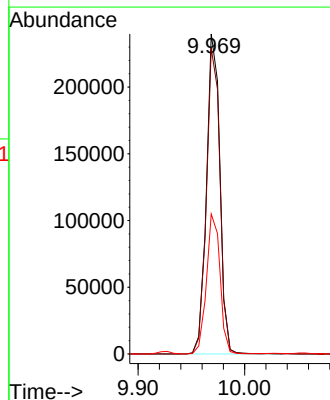
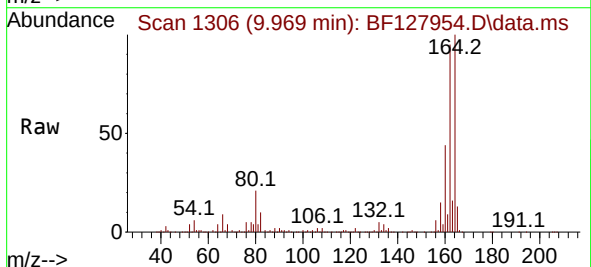
Tgt Ion:164 Resp: 209973

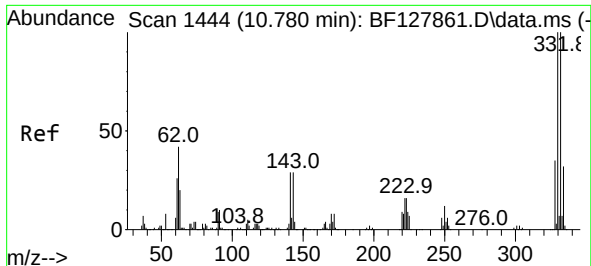
Ion Ratio Lower Upper

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# 1444

Delta R.T. -0.006 min

Lab File: BF127954.D

Acq: 27 Apr 2022 19:27

Instrument :

BNA_F

ClientSampleId :

MW-14R

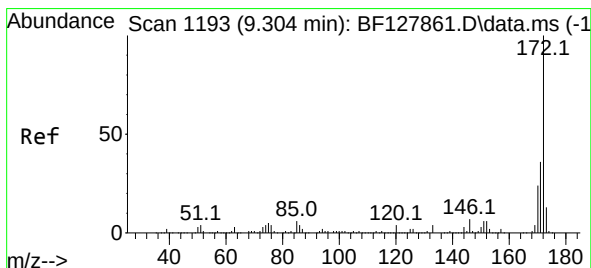
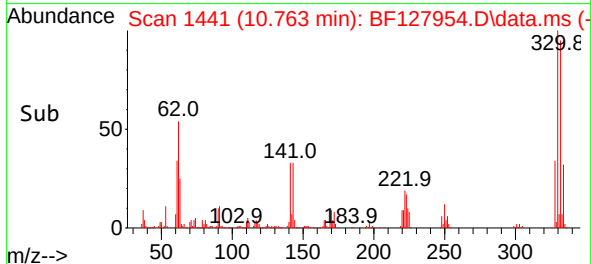
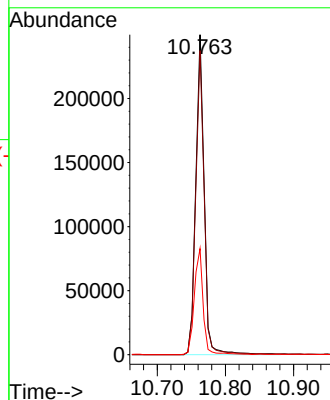
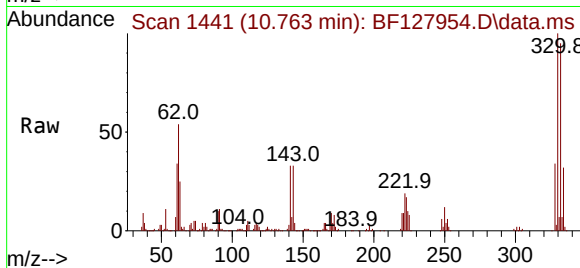
Tgt Ion:330 Resp: 215791

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

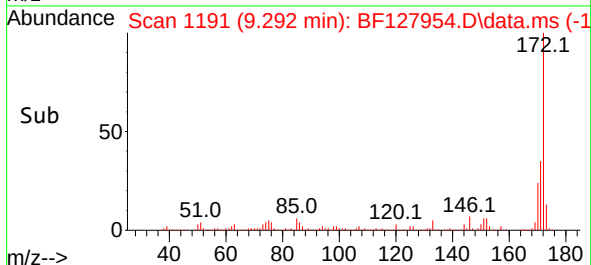
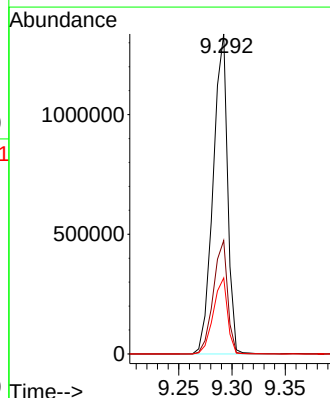
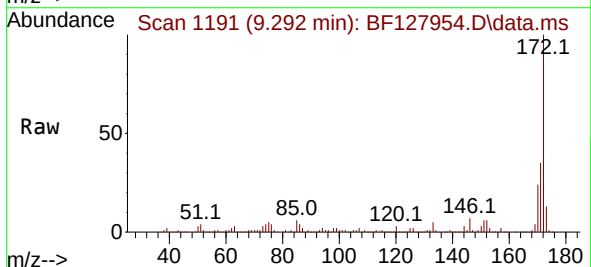
Tgt Ion:172 Resp: 1267984

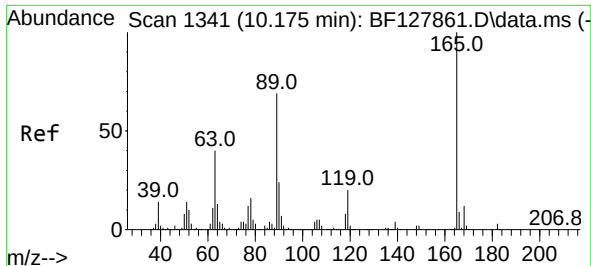
Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.8 19.1 28.7

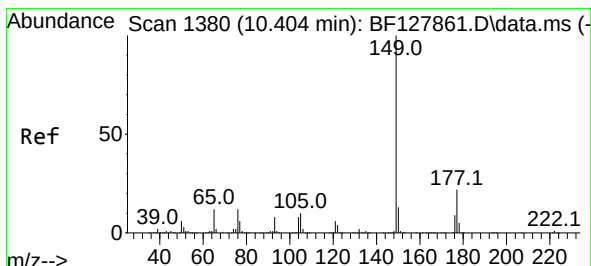
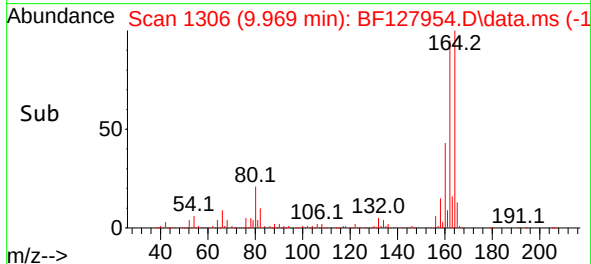
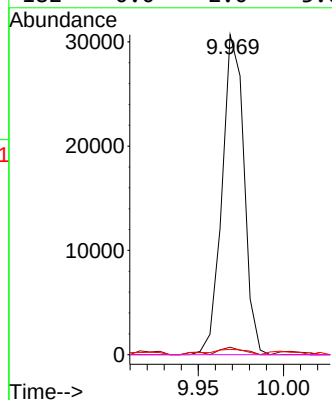
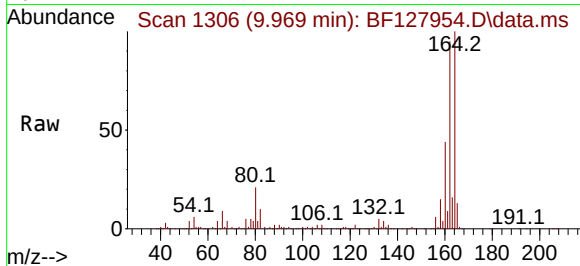




#57
2,4-Dinitrotoluene
Concen: 6.779 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127954.D
Acq: 27 Apr 2022 19:27

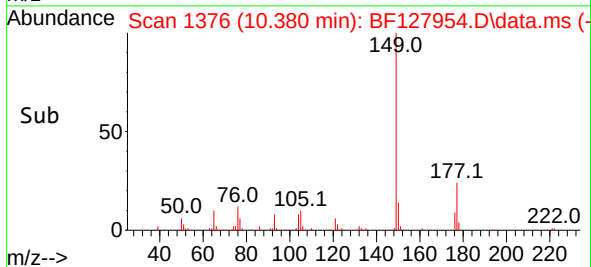
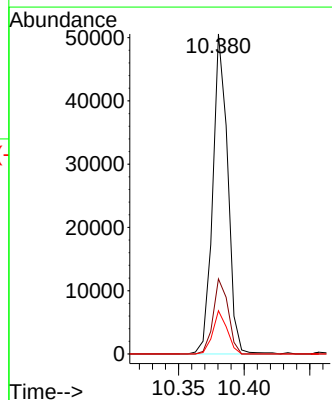
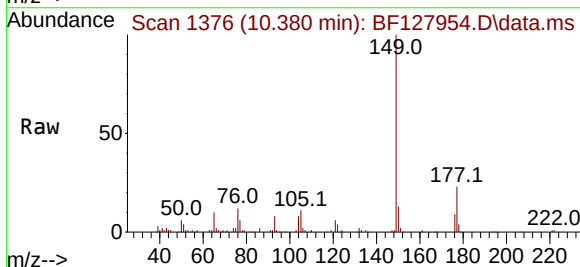
Instrument :
BNA_F
ClientSampleId :
MW-14R

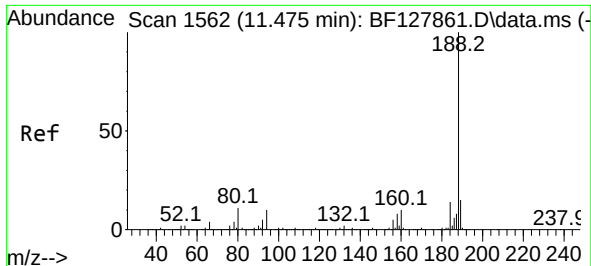
Tgt Ion:165 Resp: 27379
Ion Ratio Lower Upper
165 100
63 2.3 32.6 49.0#
89 1.7 55.2 82.8#
182 0.0 2.0 3.0#



#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

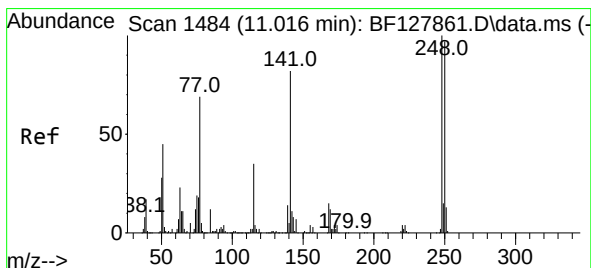
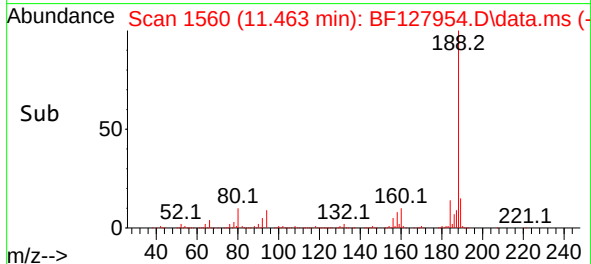
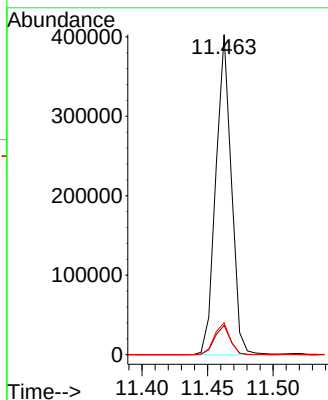
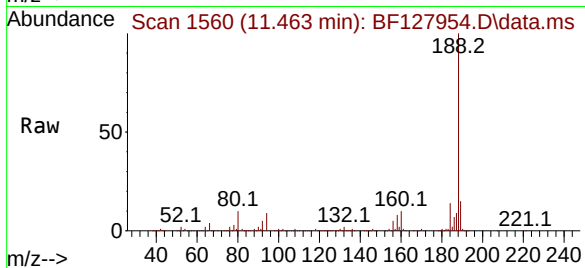




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127954.D
Acq: 27 Apr 2022 19:27

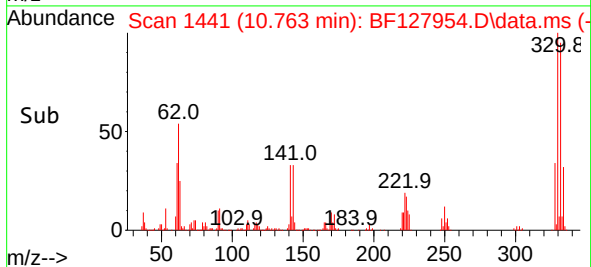
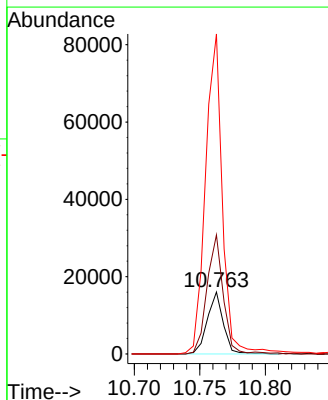
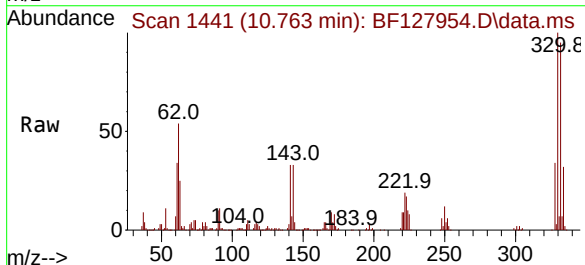
Instrument :
BNA_F
ClientSampleId :
MW-14R

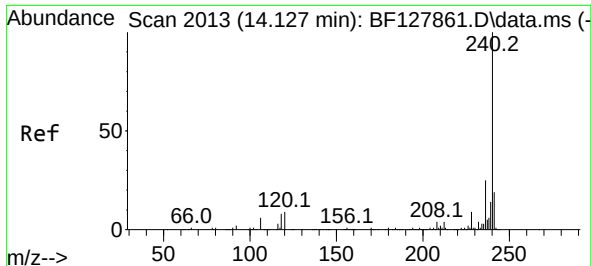
Tgt Ion:188 Resp: 331255
Ion Ratio Lower Upper
188 100
94 9.1 8.0 12.0
80 10.0 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 3.698 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.247 min
Lab File: BF127954.D
Acq: 27 Apr 2022 19:27

Tgt Ion:248 Resp: 13579
Ion Ratio Lower Upper
248 100
250 192.2 77.7 116.5#
141 516.5 65.6 98.4#

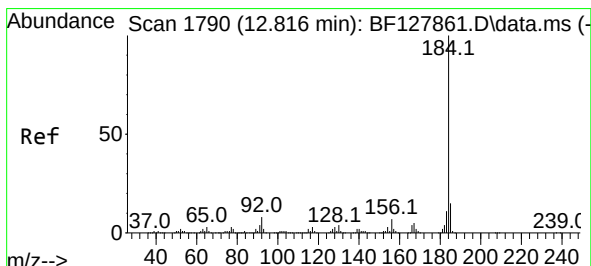
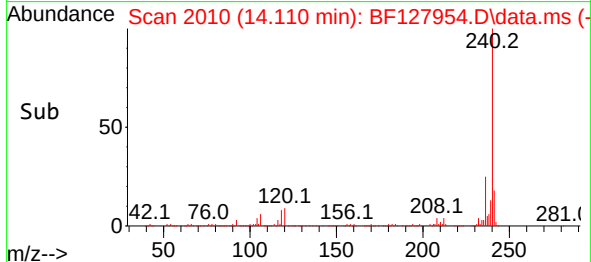
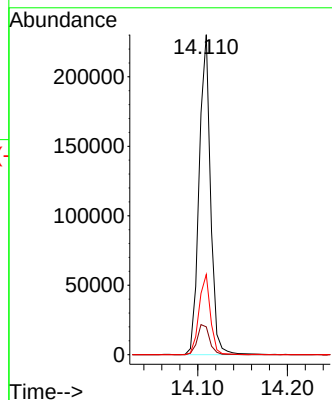
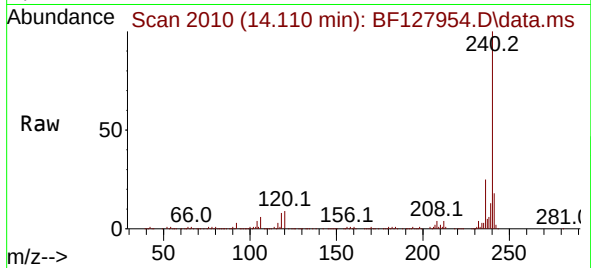




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF127954.D
Acq: 27 Apr 2022 19:27

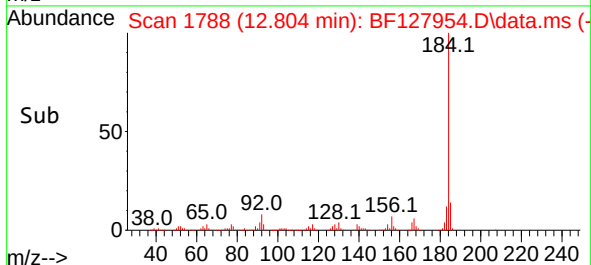
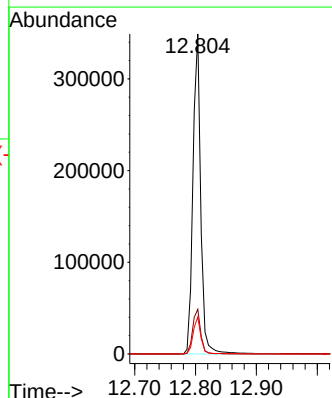
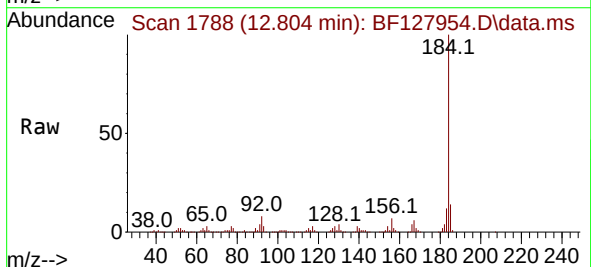
Instrument :
BNA_F
ClientSampleId :
MW-14R

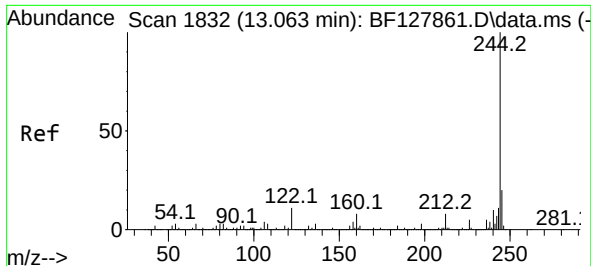
Tgt Ion:240 Resp: 202192
Ion Ratio Lower Upper
240 100
120 8.7 7.0 10.6
236 25.0 20.3 30.5



#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

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

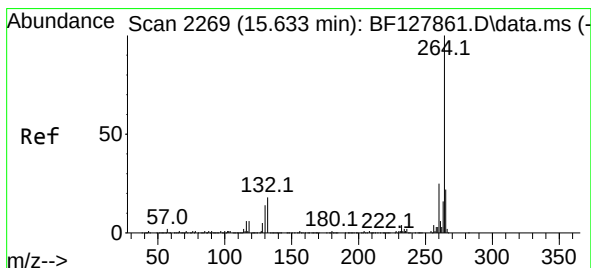
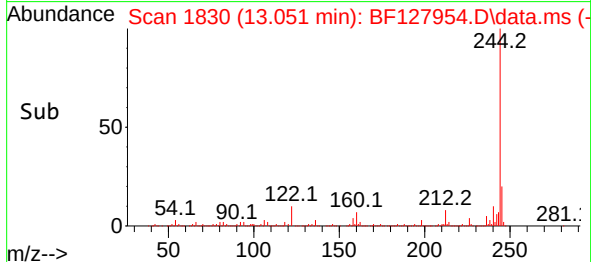
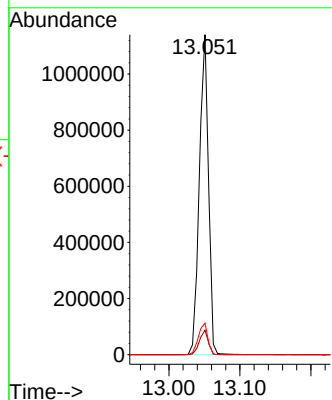
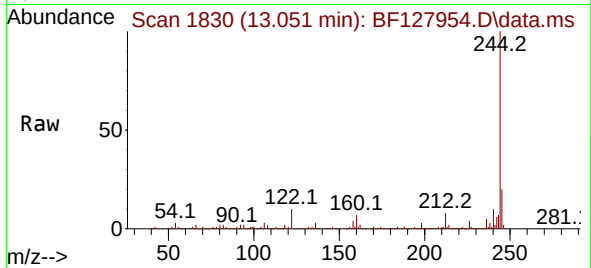




#79
 Terphenyl-d14
 Concen: 92.415 ng
 RT: 13.051 min Scan# 1830
 Delta R.T. -0.006 min
 Lab File: BF127954.D
 Acq: 27 Apr 2022 19:27

Instrument :
 BNA_F
 ClientSampleId :
 MW-14R

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# 2266
 Delta R.T. -0.006 min
 Lab File: BF127954.D
 Acq: 27 Apr 2022 19:27

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

