

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
 Data File : BF127960.D
 Acq On : 27 Apr 2022 22:18
 Operator : CG\JU
 Sample : N2482-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-9R

Quant Time: Apr 28 05:17:39 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

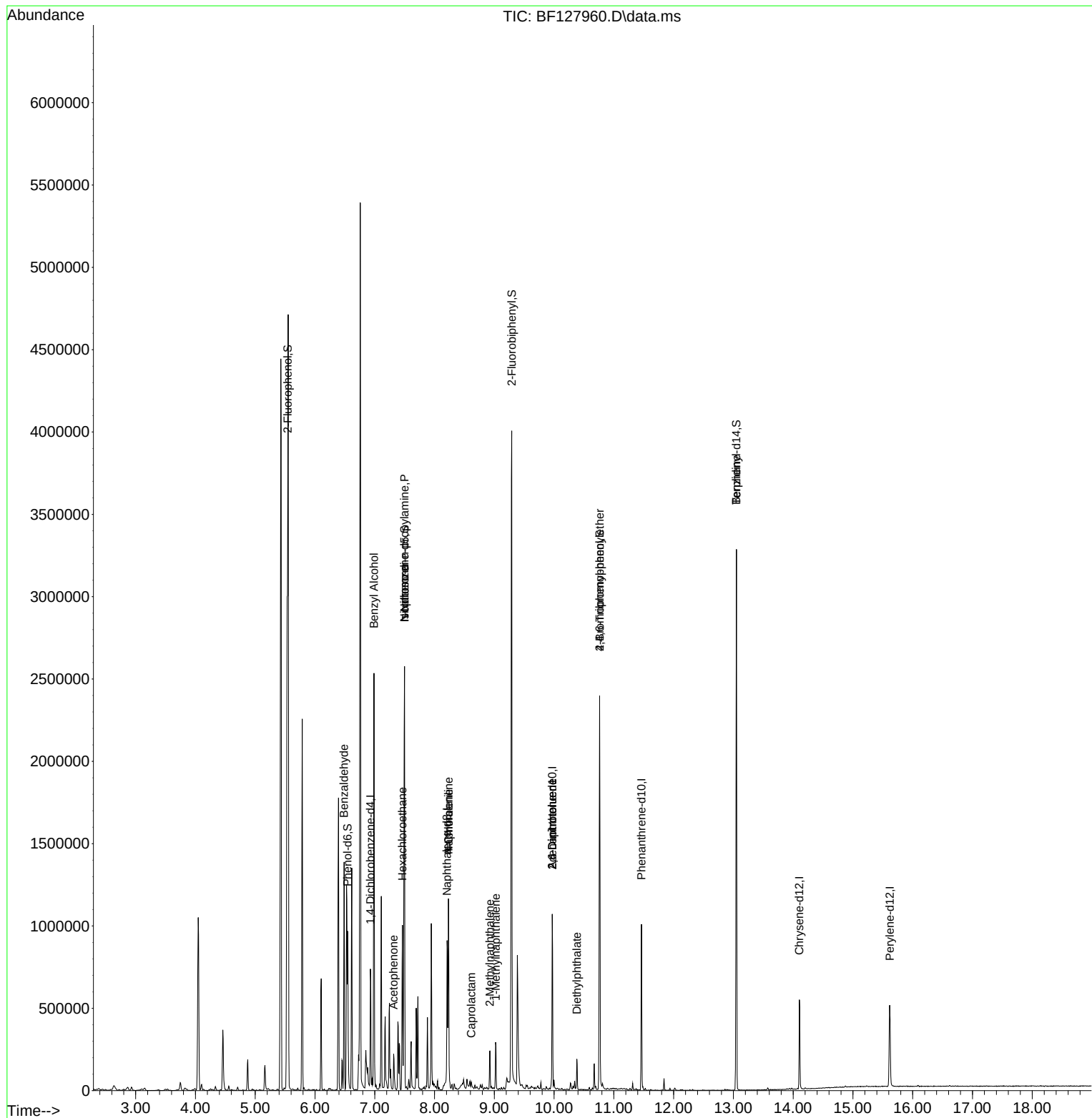
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	100008	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	382928	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	211658	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	344676	20.000	ng	0.00
76) Chrysene-d12	14.104	240	193976	20.000	ng	#-0.01
86) Perylene-d12	15.615	264	238353	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	346241	55.144	ng	0.00
7) Phenol-d6	6.545	99	342977	42.098	ng	-0.02
23) Nitrobenzene-d5	7.498	82	801148	98.382	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	264290	124.039	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1257029	100.472	ng	0.00
79) Terphenyl-d14	13.051	244	1050001	98.981	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.487	77	54041	10.722	ng	# 1
15) Benzyl Alcohol	6.987	79	70765	12.773	ng	# 6
18) Hexachloroethane	7.463	117	51036	18.541	ng	# 1
19) n-Nitroso-di-n-propyla...	7.498	70	110291	22.115	ng	# 79
22) Acetophenone	7.316	105	75886	8.131	ng	# 58
25) Isophorone	7.498	82	799881	58.362	ng	# 68
31) Naphthalene	8.234	128	456630	23.413	ng	100
33) 4-Chloroaniline	8.234	127	60915	7.894	ng	# 31
35) Caprolactam	8.616	113	4402	2.344	ng	96
37) 2-Methylnaphthalene	8.928	142	65000	5.043	ng	99
38) 1-Methylnaphthalene	9.028	142	70666	5.640	ng	99
51) 2,6-Dinitrotoluene	9.969	165	27665	9.002	ng	# 22
57) 2,4-Dinitrotoluene	9.969	165	27665	6.796	ng	# 26
60) Diethylphthalate	10.380	149	57973	4.165	ng	98
67) 4-Bromophenyl-phenylether	10.763	248	16588	4.341	ng	# 1
77) Benizidine	13.051	184	15411	4.199	ng	# 94

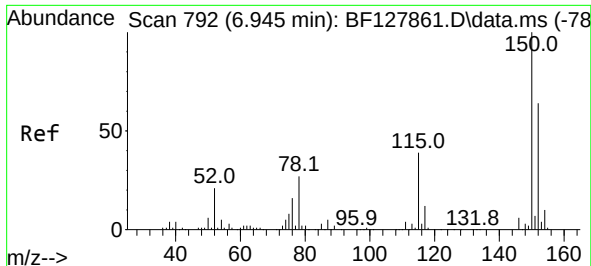
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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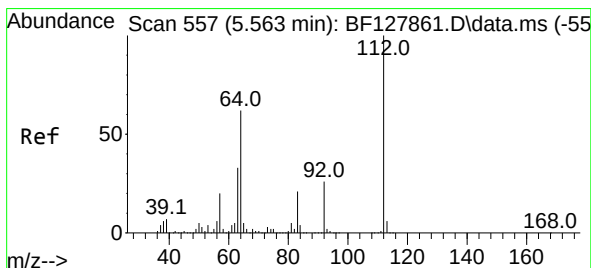
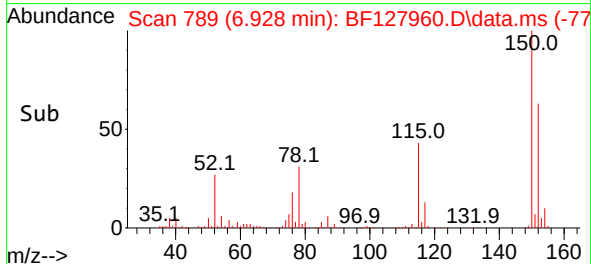
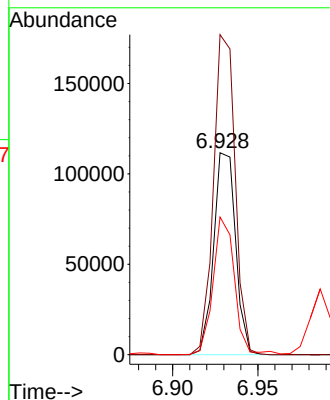
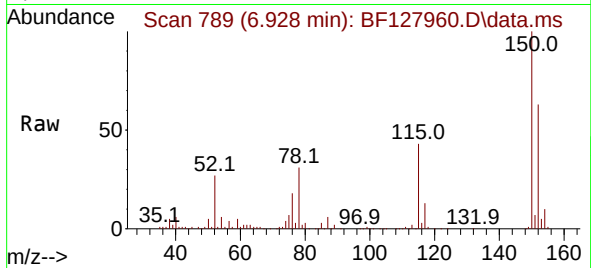




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 792
 Delta R.T. -0.006 min
 Lab File: BF127960.D
 Acq: 27 Apr 2022 22:18

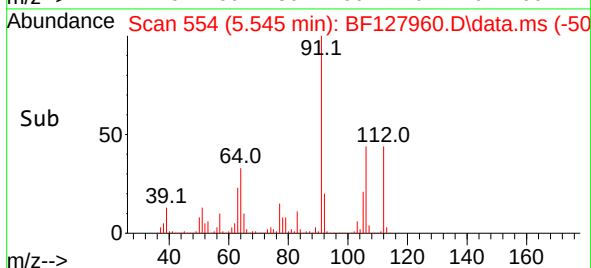
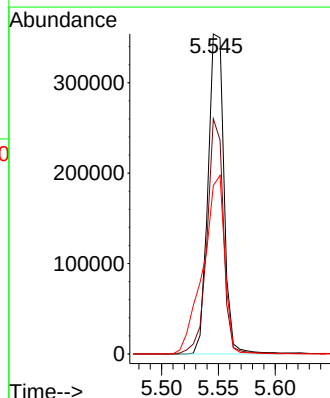
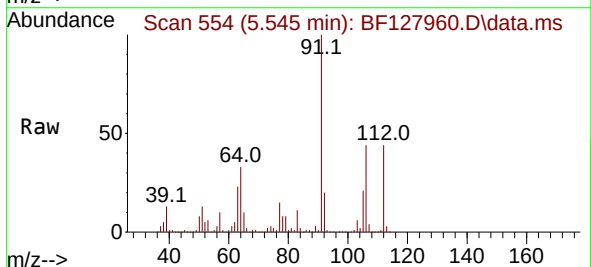
Instrument :
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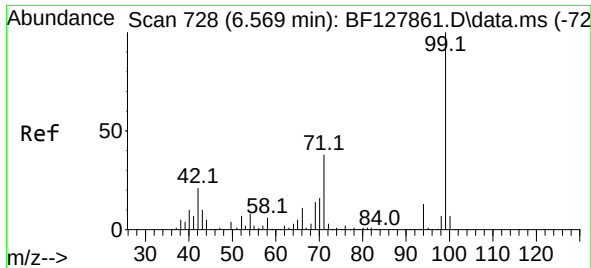
Tgt Ion:152 Resp: 100008
 Ion Ratio Lower Upper
 152 100
 150 158.5 125.3 187.9
 115 68.1 48.8 73.2



#5
 2-Fluorophenol
 Concen: 55.144 ng
 RT: 5.545 min Scan# 554
 Delta R.T. -0.006 min
 Lab File: BF127960.D
 Acq: 27 Apr 2022 22:18

Tgt Ion:112 Resp: 346241
 Ion Ratio Lower Upper
 112 100
 64 73.5 49.5 74.3
 63 52.6 26.3 39.5#

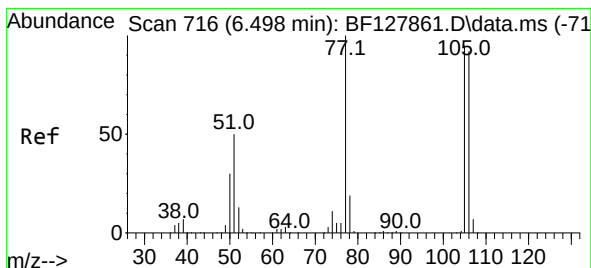
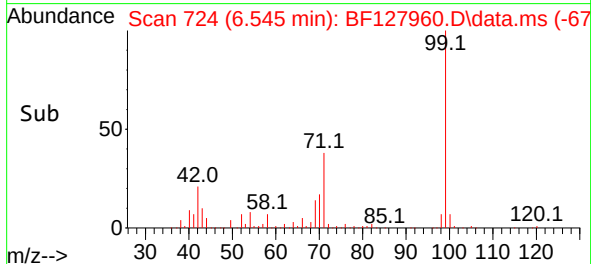
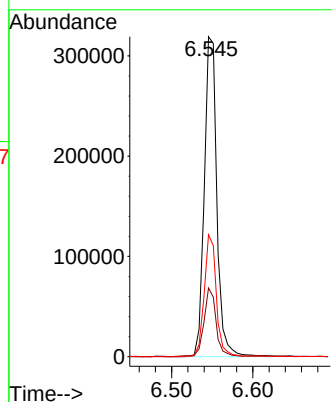
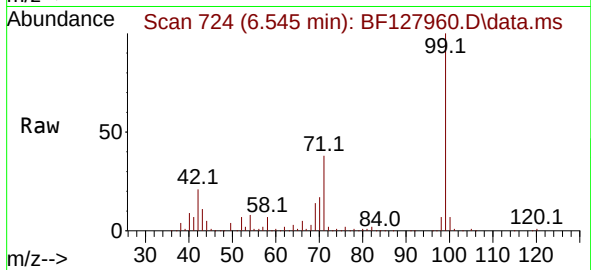




#7
Phenol-d6
Concen: 42.098 ng
RT: 6.545 min Scan# 714
Delta R.T. -0.018 min
Lab File: BF127960.D
Acq: 27 Apr 2022 22:18

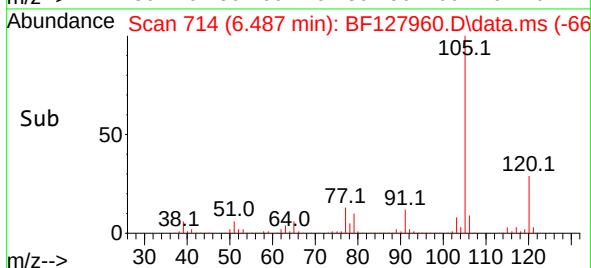
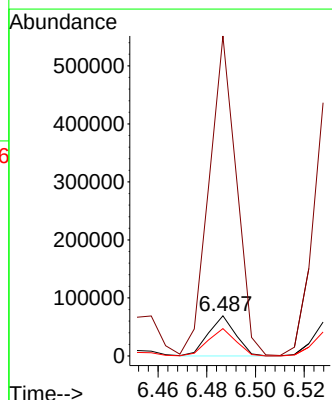
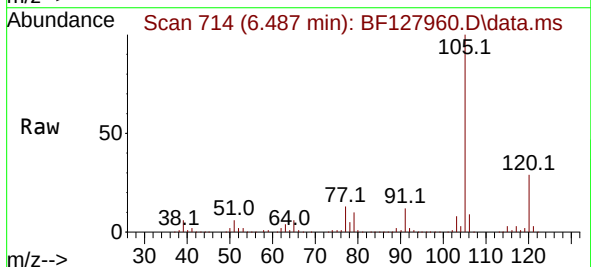
Instrument :
BNA_F
ClientSampleId :
MW-9R

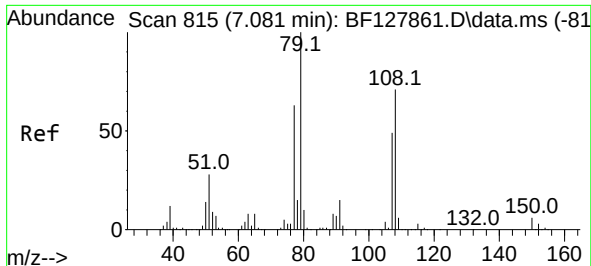
Tgt Ion: 99 Resp: 342977
Ion Ratio Lower Upper
99 100
42 21.4 16.6 24.8
71 38.1 30.0 45.0



#9
Benzaldehyde
Concen: 10.722 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127960.D
Acq: 27 Apr 2022 22:18

Tgt Ion: 77 Resp: 54041
Ion Ratio Lower Upper
77 100
105 795.1 74.9 114.9#
106 68.1 72.2 112.2#

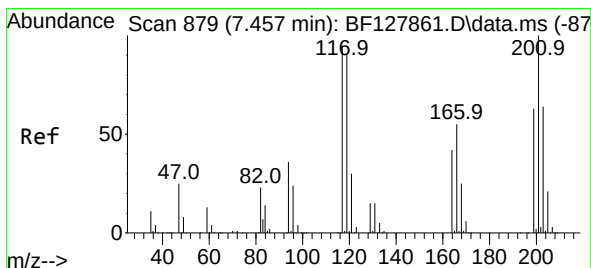
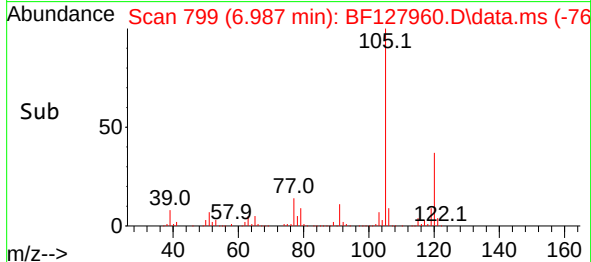
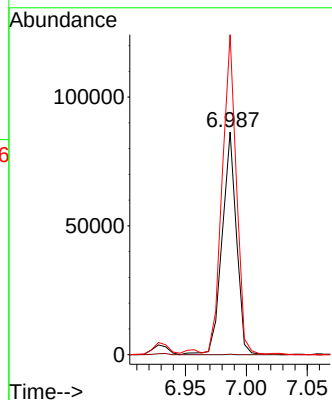
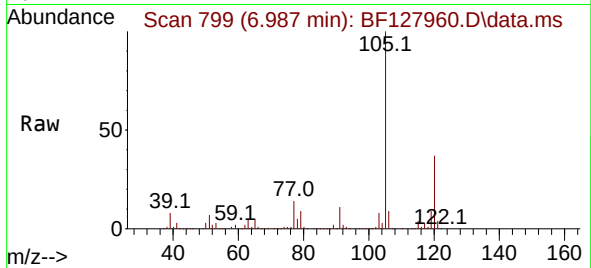




#15
Benzyl Alcohol
Concen: 12.773 ng
RT: 6.987 min Scan# 79
Delta R.T. -0.088 min
Lab File: BF127960.D
Acq: 27 Apr 2022 22:18

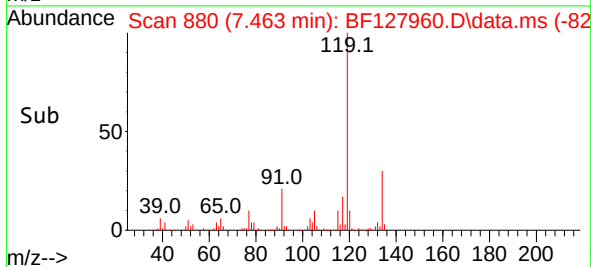
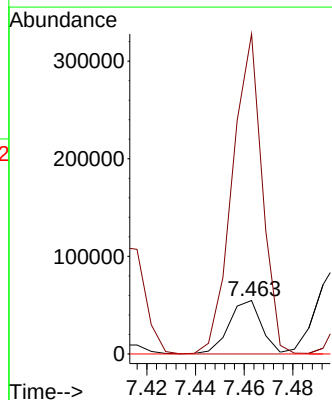
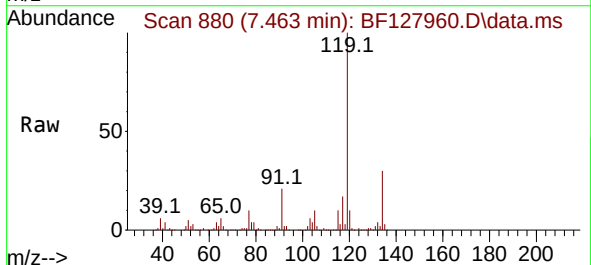
Instrument :
BNA_F
ClientSampleId :
MW-9R

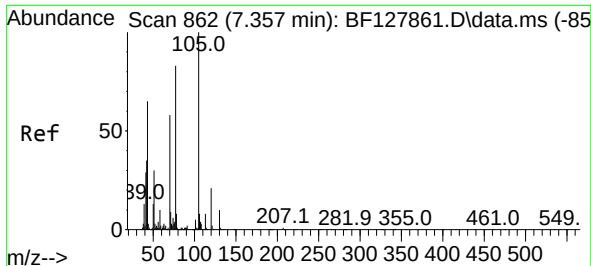
Tgt Ion: 79 Resp: 70765
Ion Ratio Lower Upper
79 100
108 0.2 57.0 85.6#
77 143.6 50.2 75.4#



#18
Hexachloroethane
Concen: 18.541 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.018 min
Lab File: BF127960.D
Acq: 27 Apr 2022 22:18

Tgt Ion: 117 Resp: 51036
Ion Ratio Lower Upper
117 100
119 599.5 76.2 114.4#
201 0.0 84.4 126.6#

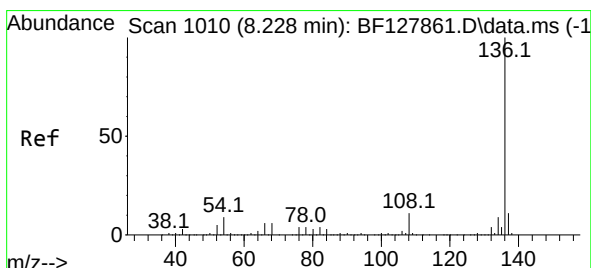
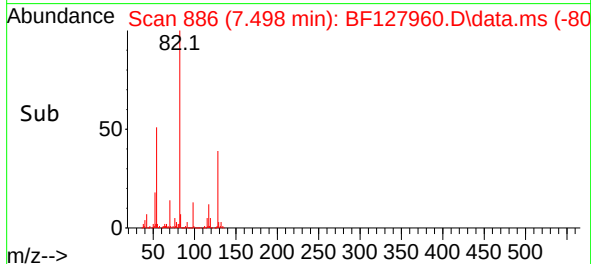
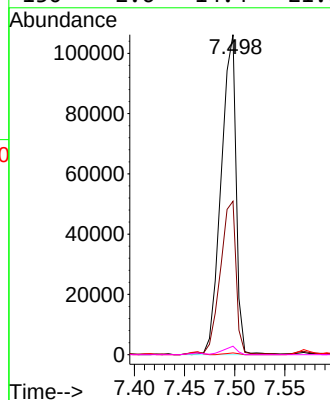
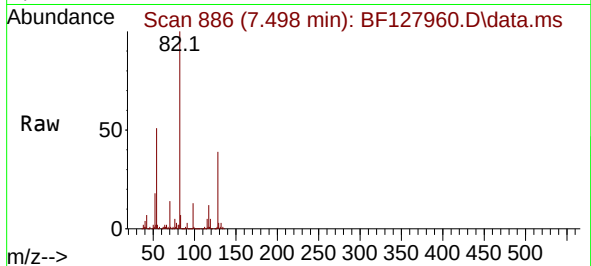




#19
n-Nitroso-di-n-propylamine
Concen: 22.115 ng
RT: 7.498 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127960.D
Acq: 27 Apr 2022 22:18

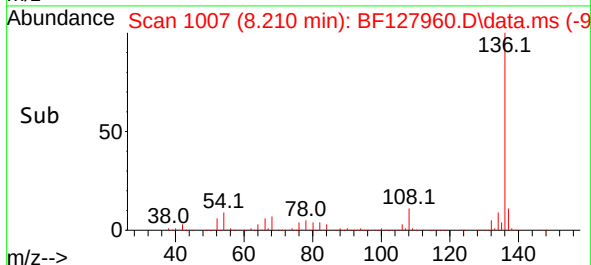
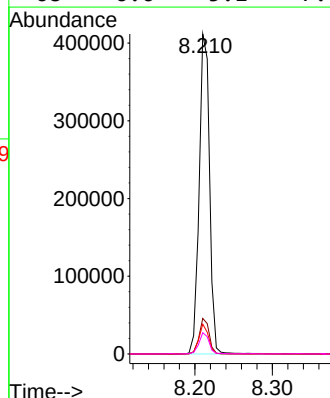
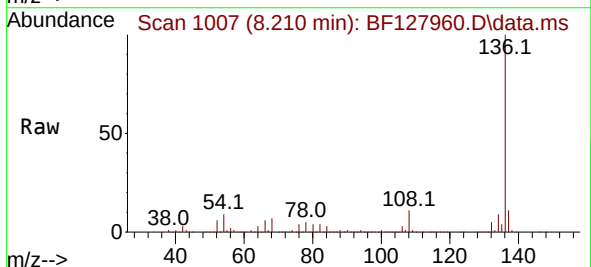
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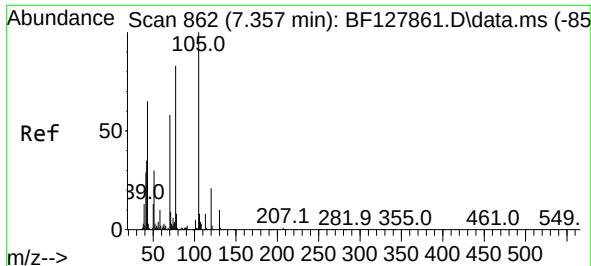
Tgt Ion: 70 Resp: 110291
Ion Ratio Lower Upper
70 100
42 48.0 48.7 73.1#
101 0.5 7.2 10.8#
130 2.6 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF127960.D
Acq: 27 Apr 2022 22:18

Tgt Ion:136 Resp: 382928
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.3 6.8 10.2
68 6.6 5.1 7.7

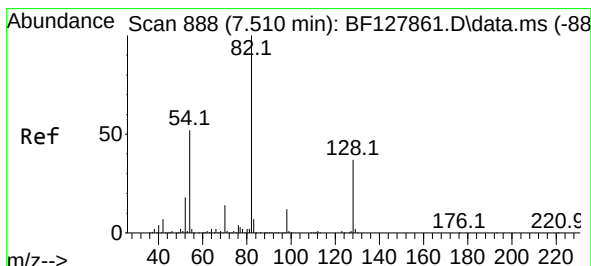
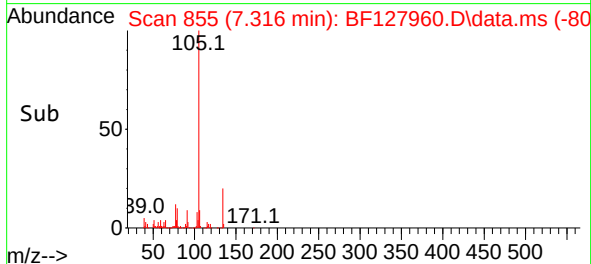
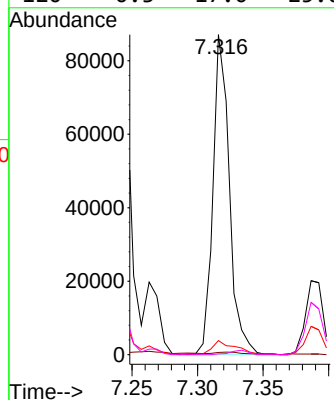
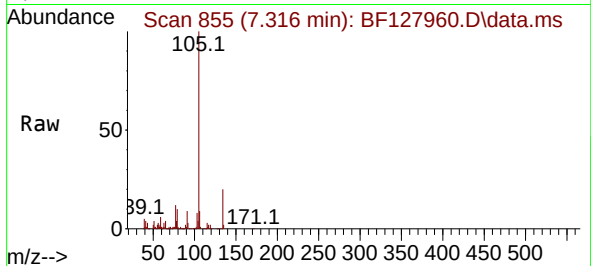




#22
Acetophenone
Concen: 8.131 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.029 min
Lab File: BF127960.D
Acq: 27 Apr 2022 22:18

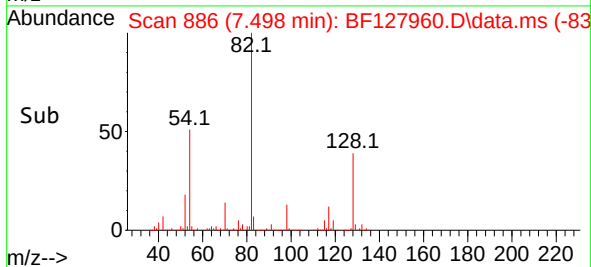
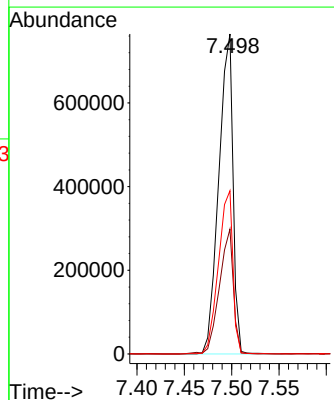
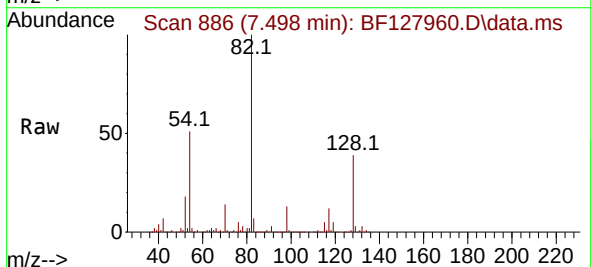
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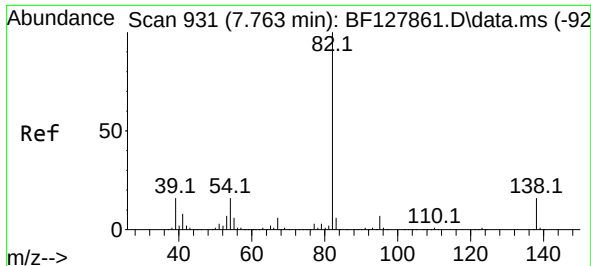
Tgt Ion:105 Resp: 75886
Ion Ratio Lower Upper
105 100
71 0.7 7.3 10.9#
51 4.4 23.7 35.5#
120 0.3 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 98.382 ng
RT: 7.498 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF127960.D
Acq: 27 Apr 2022 22:18

Tgt Ion: 82 Resp: 801148
Ion Ratio Lower Upper
82 100
128 39.0 30.0 45.0
54 51.0 41.3 61.9

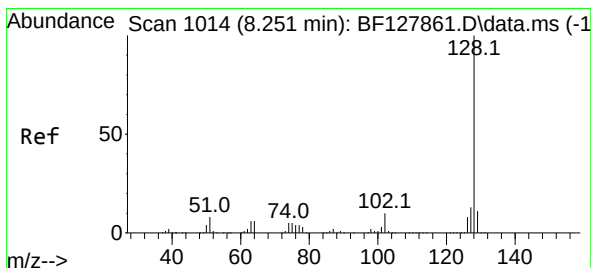
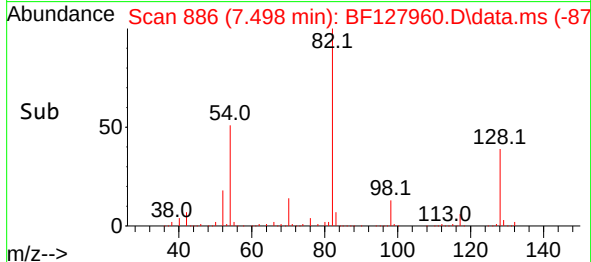
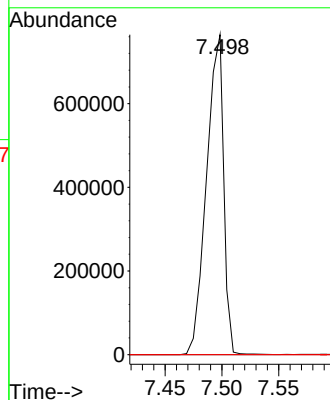
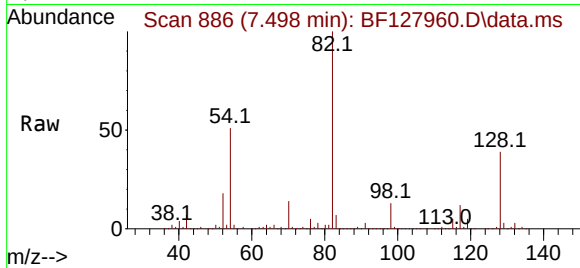




#25
Isophorone
Concen: 58.362 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127960.D
Acq: 27 Apr 2022 22:18

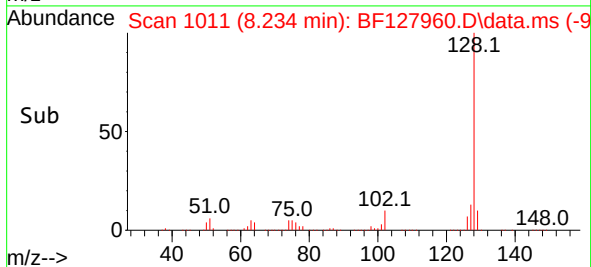
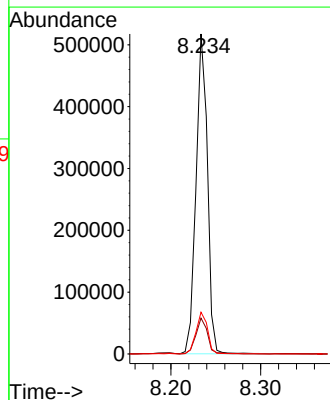
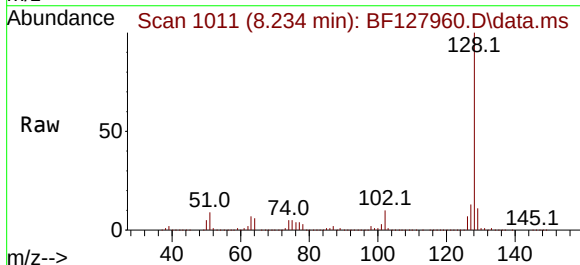
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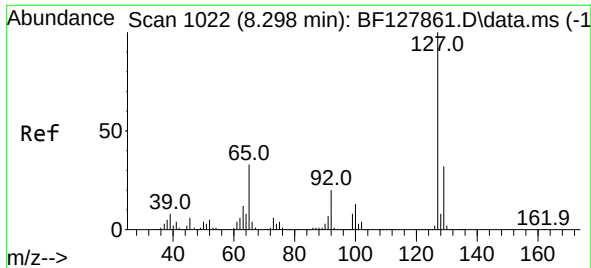
Tgt Ion: 82 Resp: 799881
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#31
Naphthalene
Concen: 23.413 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BF127960.D
Acq: 27 Apr 2022 22:18

Tgt Ion: 128 Resp: 456630
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.4
127 13.1 10.6 16.0

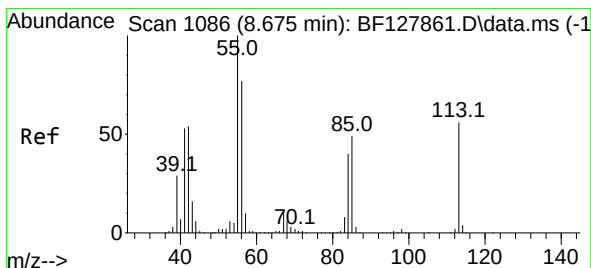
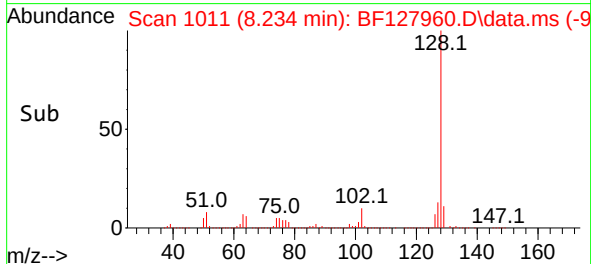
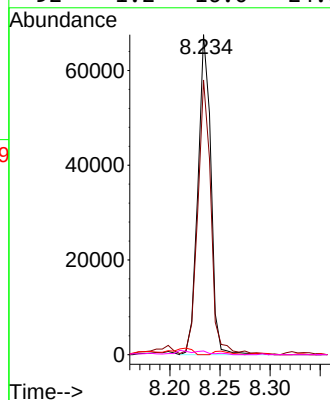
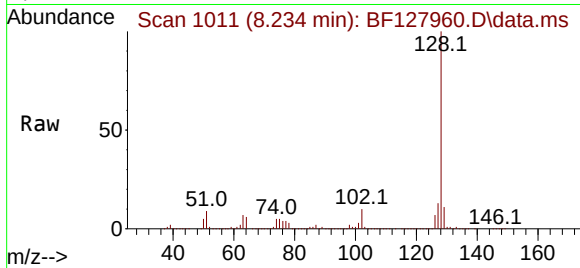




#33
4-Chloroaniline
Concen: 7.894 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.053 min
Lab File: BF127960.D
Acq: 27 Apr 2022 22:18

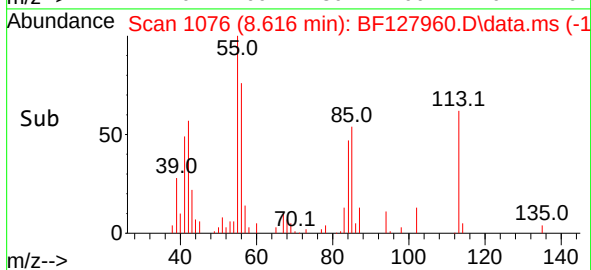
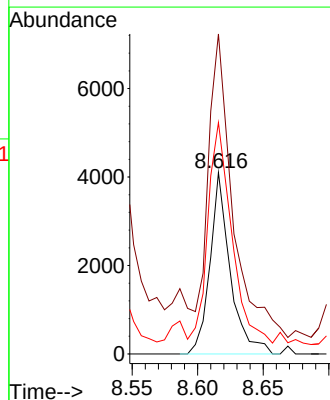
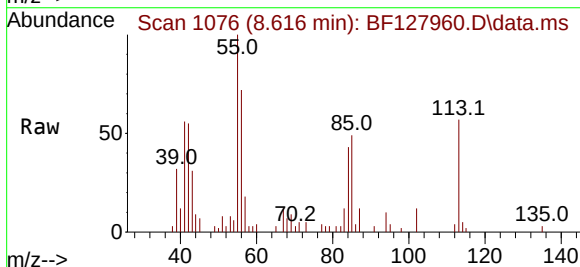
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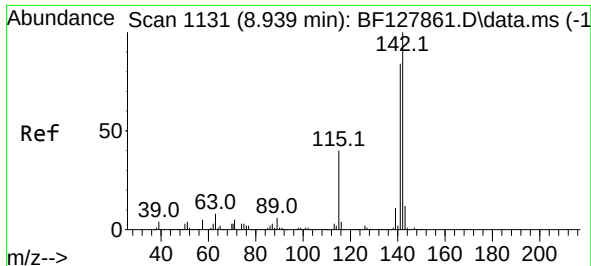
Tgt Ion:127	Resp:	60915
Ion Ratio	Lower	Upper
127	100	
129	85.9	25.8 38.8#
65	0.0	26.7 40.1#
92	1.2	16.0 24.0#



#35
Caprolactam
Concen: 2.344 ng
RT: 8.616 min Scan# 1076
Delta R.T. -0.053 min
Lab File: BF127960.D
Acq: 27 Apr 2022 22:18

Tgt Ion:113	Resp:	4402
Ion Ratio	Lower	Upper
113	100	
55	176.3	157.4 197.4
56	127.5	116.1 156.1





#37

2-Methylnaphthalene

Concen: 5.043 ng

RT: 8.928 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BF127960.D

Acq: 27 Apr 2022 22:18

Instrument :

BNA_F

ClientSampleId :

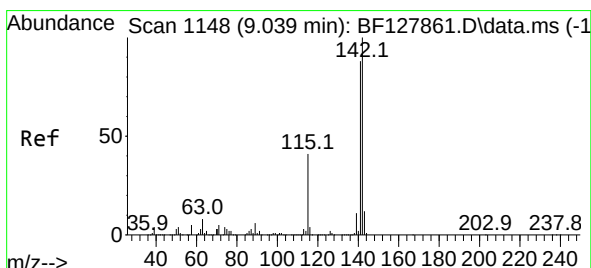
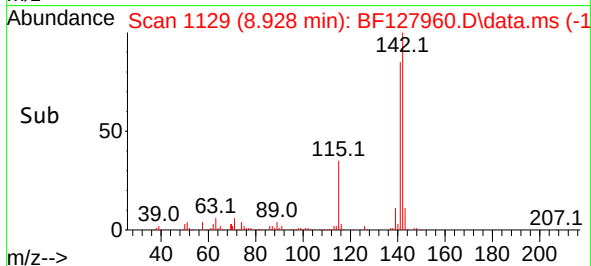
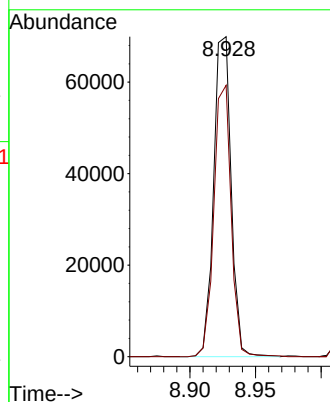
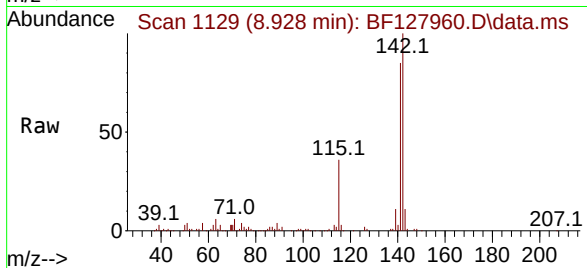
MW-9R

Tgt Ion:142 Resp: 65000

Ion Ratio Lower Upper

142 100

141 84.8 67.4 101.2



#38

1-Methylnaphthalene

Concen: 5.640 ng

RT: 9.028 min Scan# 1146

Delta R.T. -0.006 min

Lab File: BF127960.D

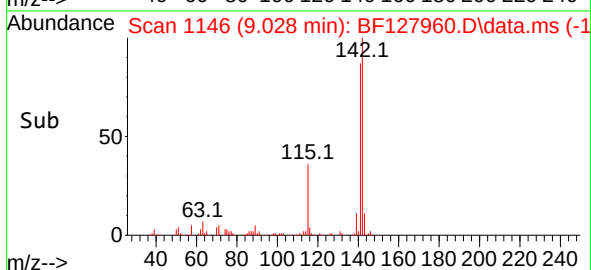
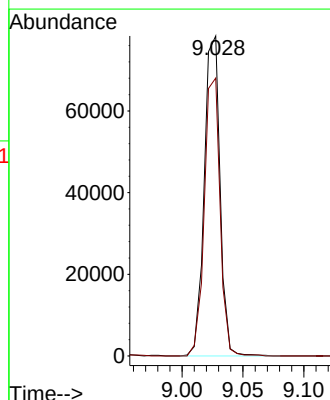
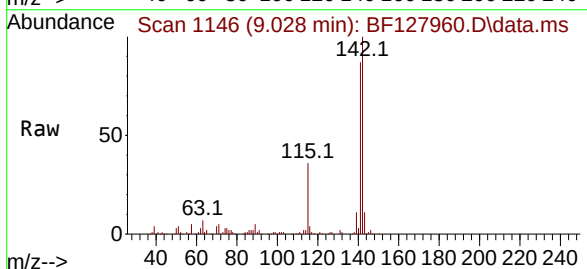
Acq: 27 Apr 2022 22:18

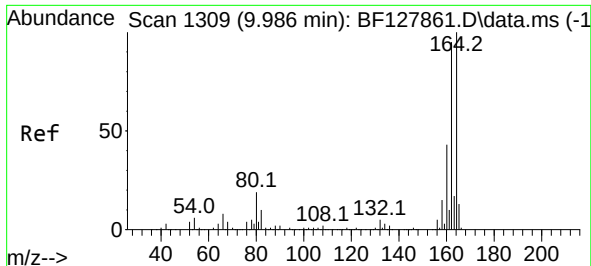
Tgt Ion:142 Resp: 70666

Ion Ratio Lower Upper

142 100

141 86.9 70.1 105.1

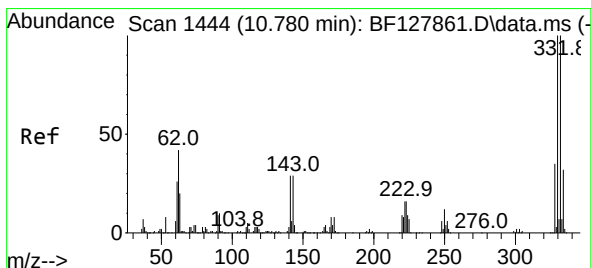
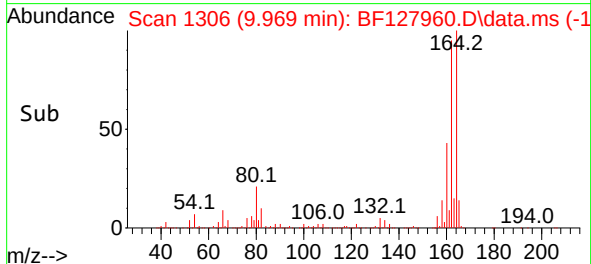
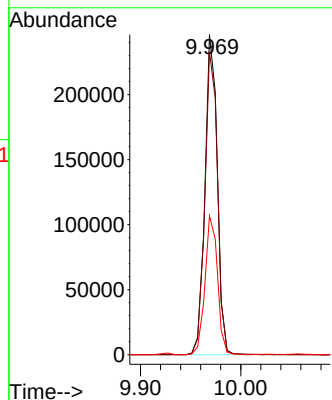
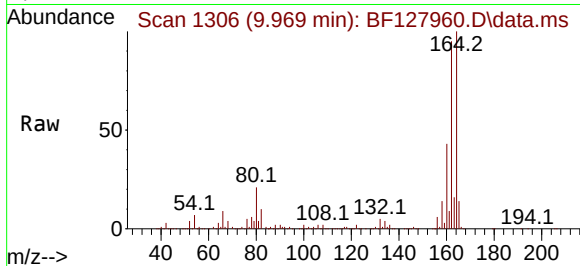




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127960.D
Acq: 27 Apr 2022 22:18

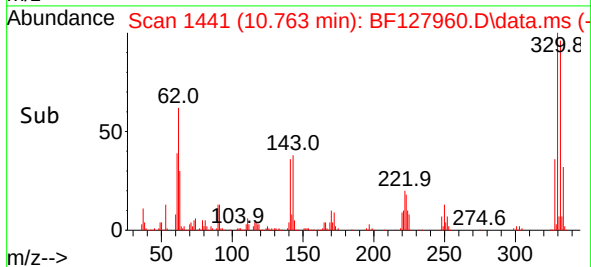
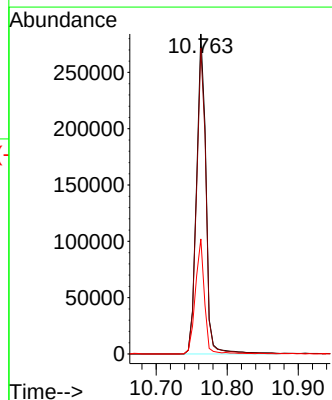
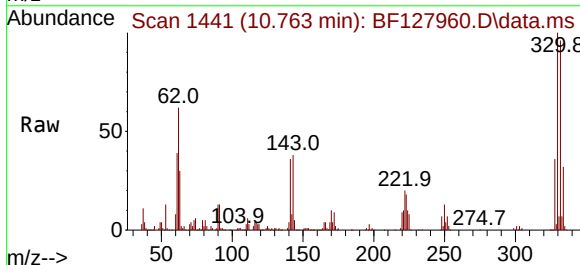
Instrument :
BNA_F
ClientSampleId :
MW-9R

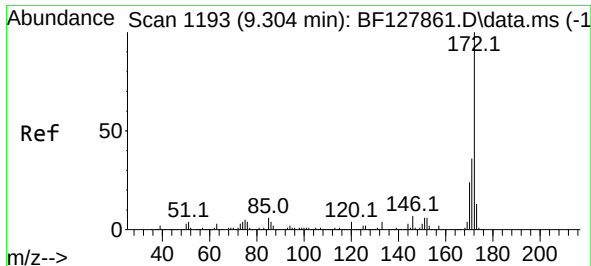
Tgt Ion:164 Resp: 211658
Ion Ratio Lower Upper
164 100
162 94.7 76.0 114.0
160 43.4 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 124.039 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF127960.D
Acq: 27 Apr 2022 22:18

Tgt Ion:330 Resp: 264290
Ion Ratio Lower Upper
330 100
332 95.7 79.0 118.4
141 34.5 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 100.472 ng

RT: 9.292 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF127960.D

Acq: 27 Apr 2022 22:18

Instrument :

BNA_F

ClientSampleId :

MW-9R

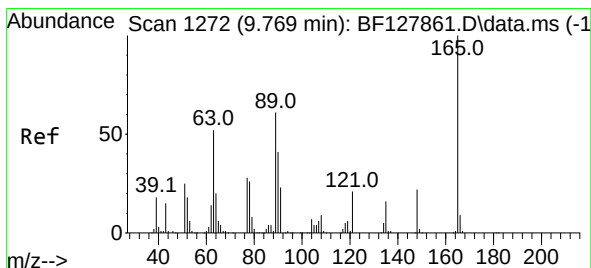
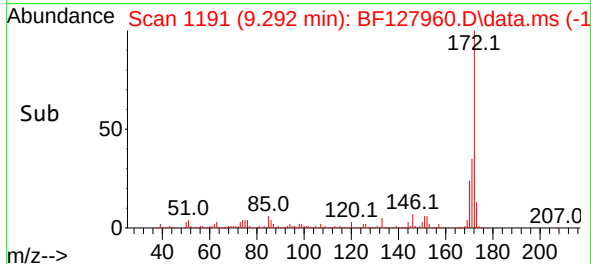
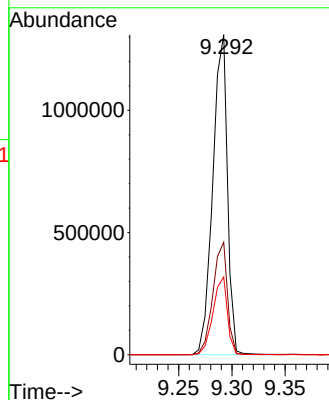
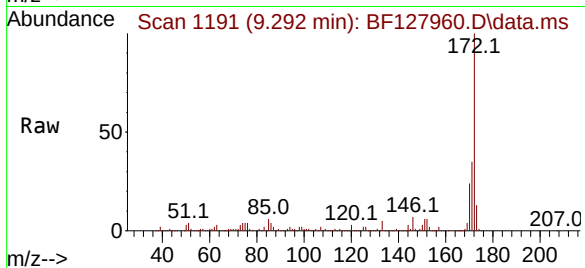
Tgt Ion:172 Resp: 1257029

Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 24.3 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 9.002 ng

RT: 9.969 min Scan# 1306

Delta R.T. 0.206 min

Lab File: BF127960.D

Acq: 27 Apr 2022 22:18

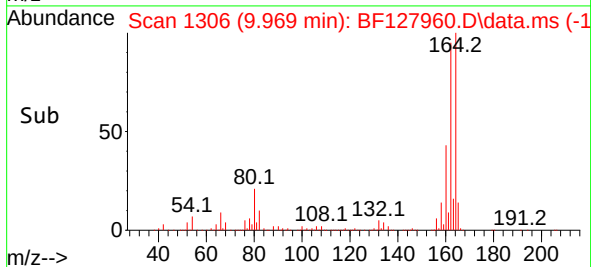
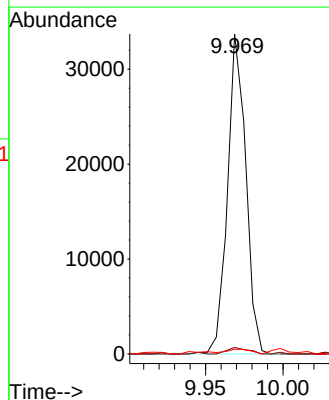
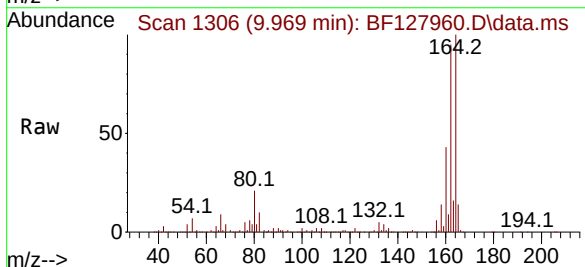
Tgt Ion:165 Resp: 27665

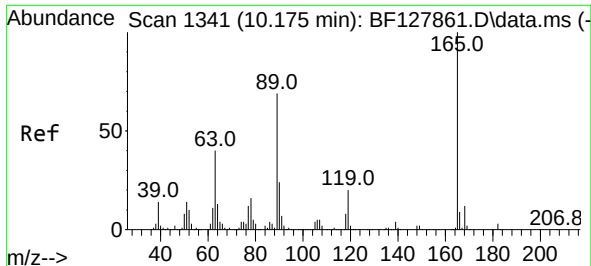
Ion Ratio Lower Upper

165 100

63 2.0 49.5 74.3#

89 1.5 49.0 73.4#

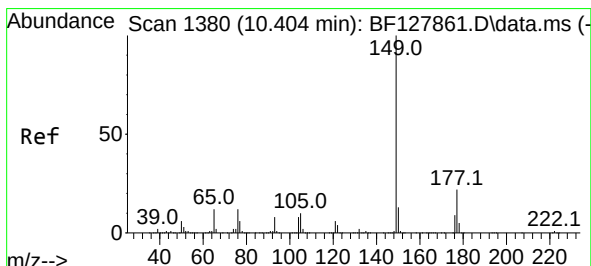
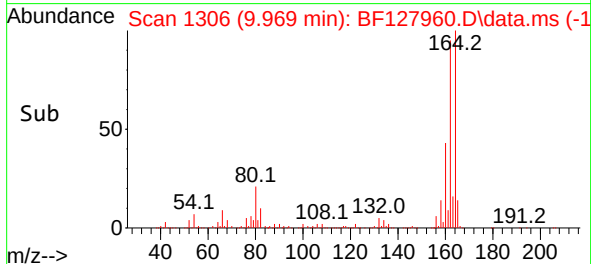
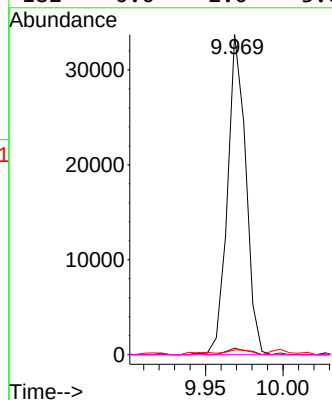
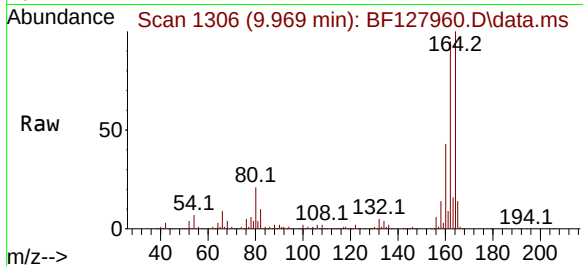




#57
2,4-Dinitrotoluene
Concen: 6.796 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127960.D
Acq: 27 Apr 2022 22:18

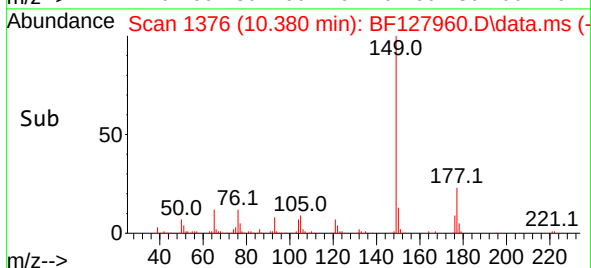
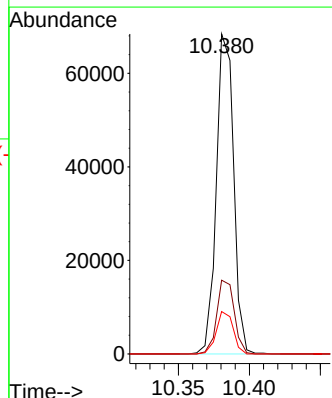
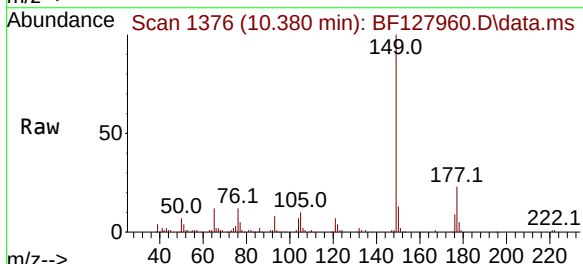
Instrument :
BNA_F
ClientSampleId :
MW-9R

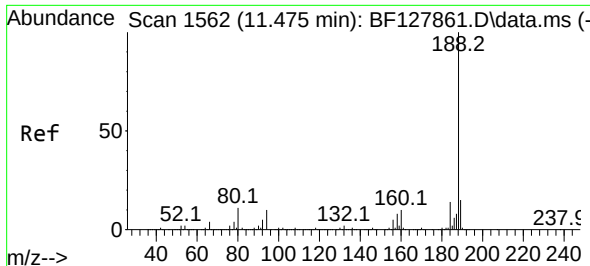
Tgt Ion:165 Resp: 27665
Ion Ratio Lower Upper
165 100
63 2.0 32.6 49.0#
89 1.5 55.2 82.8#
182 0.0 2.0 3.0#



#60
Diethylphthalate
Concen: 4.165 ng
RT: 10.380 min Scan# 1376
Delta R.T. -0.012 min
Lab File: BF127960.D
Acq: 27 Apr 2022 22:18

Tgt Ion:149 Resp: 57973
Ion Ratio Lower Upper
149 100
177 23.1 17.8 26.8
150 13.3 10.2 15.2

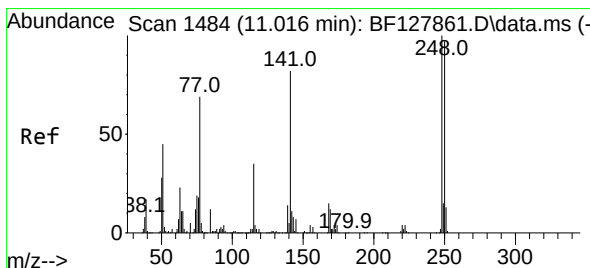
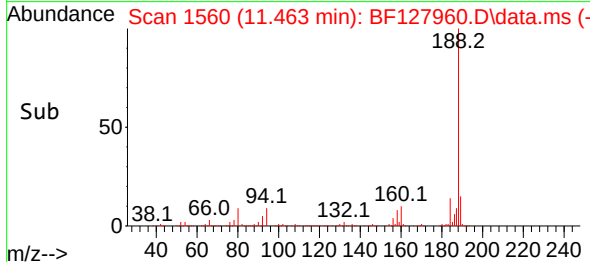
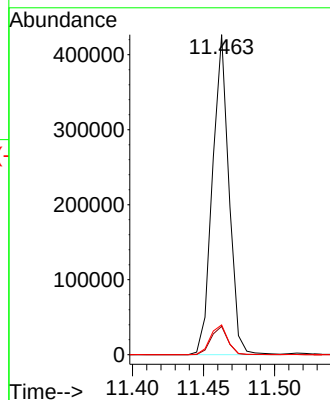
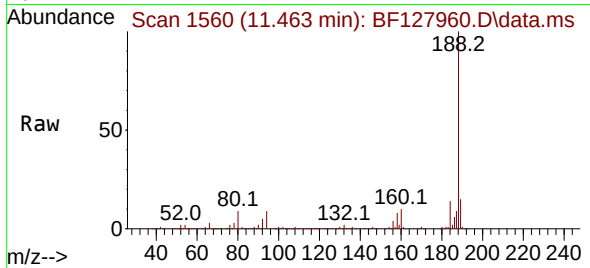




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127960.D
Acq: 27 Apr 2022 22:18

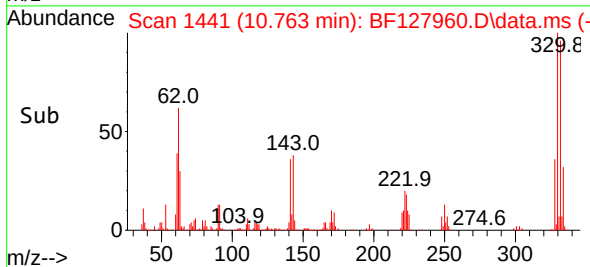
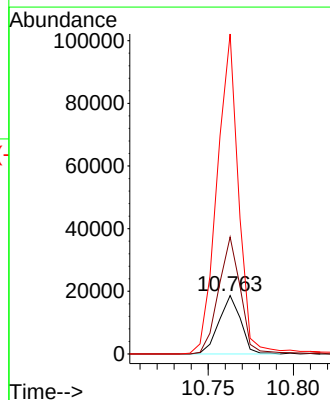
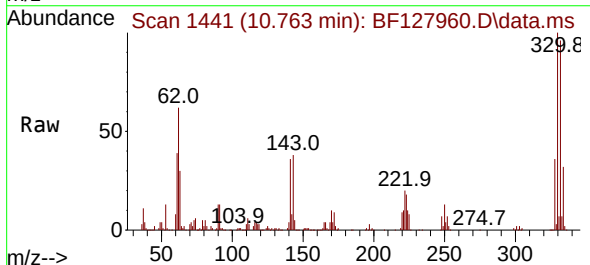
Instrument :
BNA_F
ClientSampleId :
MW-9R

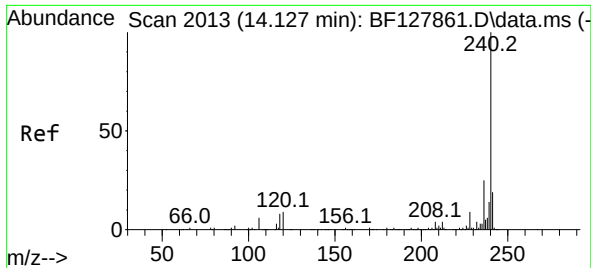
Tgt Ion:188 Resp: 344676
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 9.3 8.9 13.3



#67
4-Bromophenyl-phenylether
Concen: 4.341 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.247 min
Lab File: BF127960.D
Acq: 27 Apr 2022 22:18

Tgt Ion:248 Resp: 16588
Ion Ratio Lower Upper
248 100
250 200.3 77.7 116.5#
141 547.8 65.6 98.4#

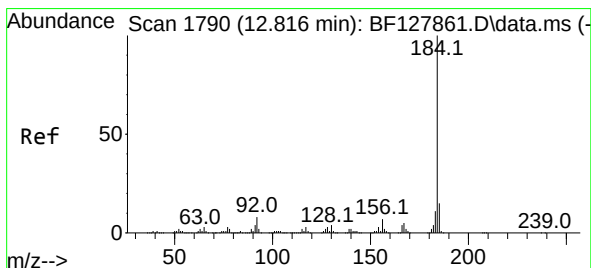
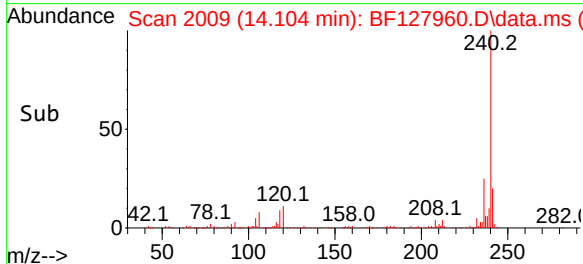
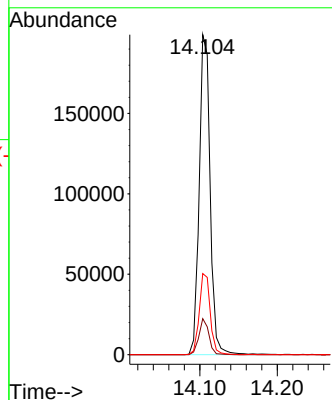
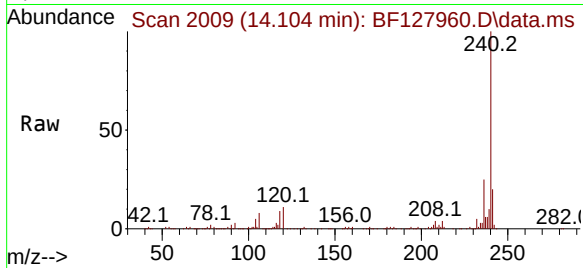




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.104 min Scan# 2013
Delta R.T. -0.012 min
Lab File: BF127960.D
Acq: 27 Apr 2022 22:18

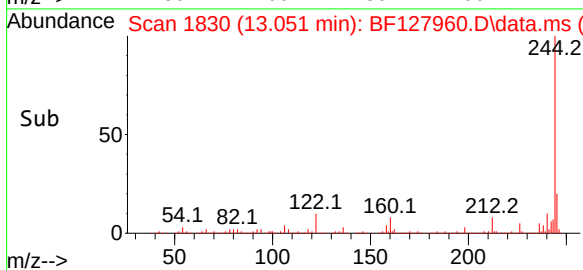
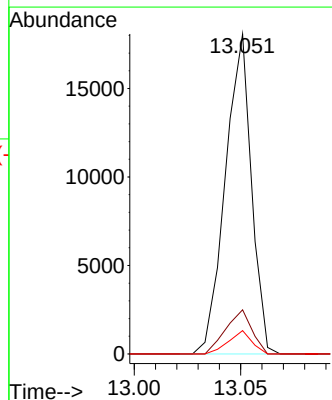
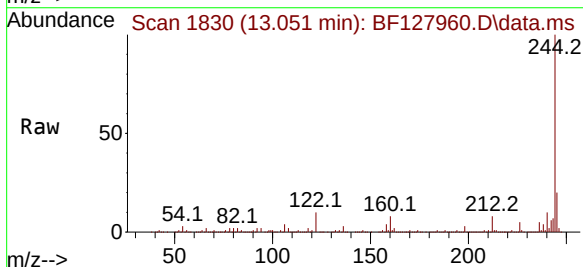
Instrument :
BNA_F
ClientSampleId :
MW-9R

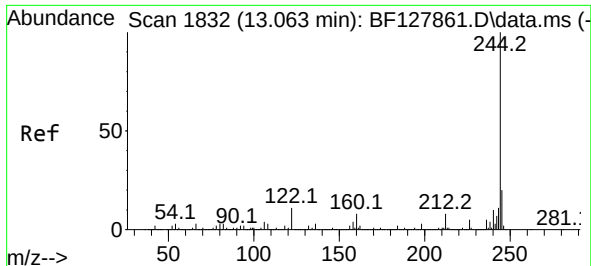
Tgt Ion:240 Resp: 193976
Ion Ratio Lower Upper
240 100
120 11.2 7.0 10.6#
236 25.4 20.3 30.5



#77
Benzidine
Concen: 4.199 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.247 min
Lab File: BF127960.D
Acq: 27 Apr 2022 22:18

Tgt Ion:184 Resp: 15411
Ion Ratio Lower Upper
184 100
185 13.8 12.1 18.1
183 7.3 9.0 13.4#

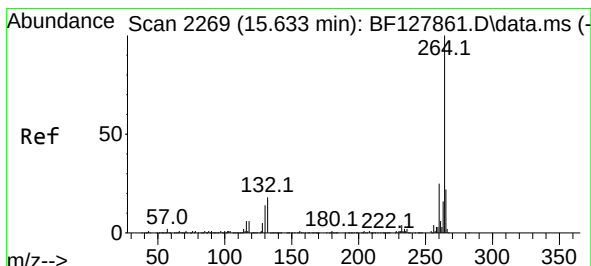
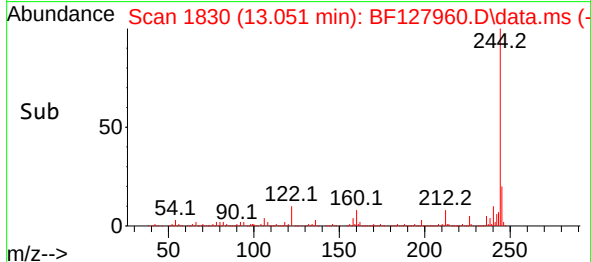
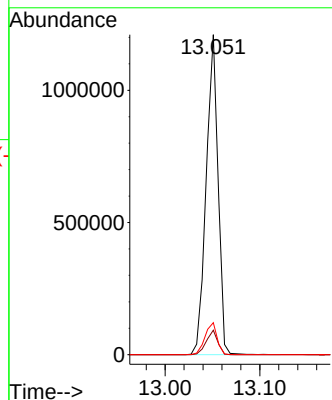
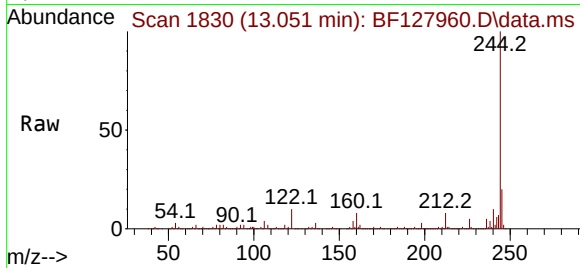




#79
 Terphenyl-d14
 Concen: 98.981 ng
 RT: 13.051 min Scan# 1832
 Delta R.T. -0.006 min
 Lab File: BF127960.D
 Acq: 27 Apr 2022 22:18

Instrument :
 BNA_F
 ClientSampleId :
 MW-9R

Tgt Ion:244 Resp: 1050001
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 10.0 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: BF127960.D
 Acq: 27 Apr 2022 22:18

Tgt Ion:264 Resp: 238353
 Ion Ratio Lower Upper
 264 100
 260 24.1 20.1 30.1
 265 21.6 17.5 26.3

