

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
 Data File : BF127189.D
 Acq On : 03 Mar 2022 23:44
 Operator : CG\JU
 Sample : N1688-06DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-23DL

Quant Time: Mar 04 02:15:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 01 23:57:09 2022
 Response via : Initial Calibration

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

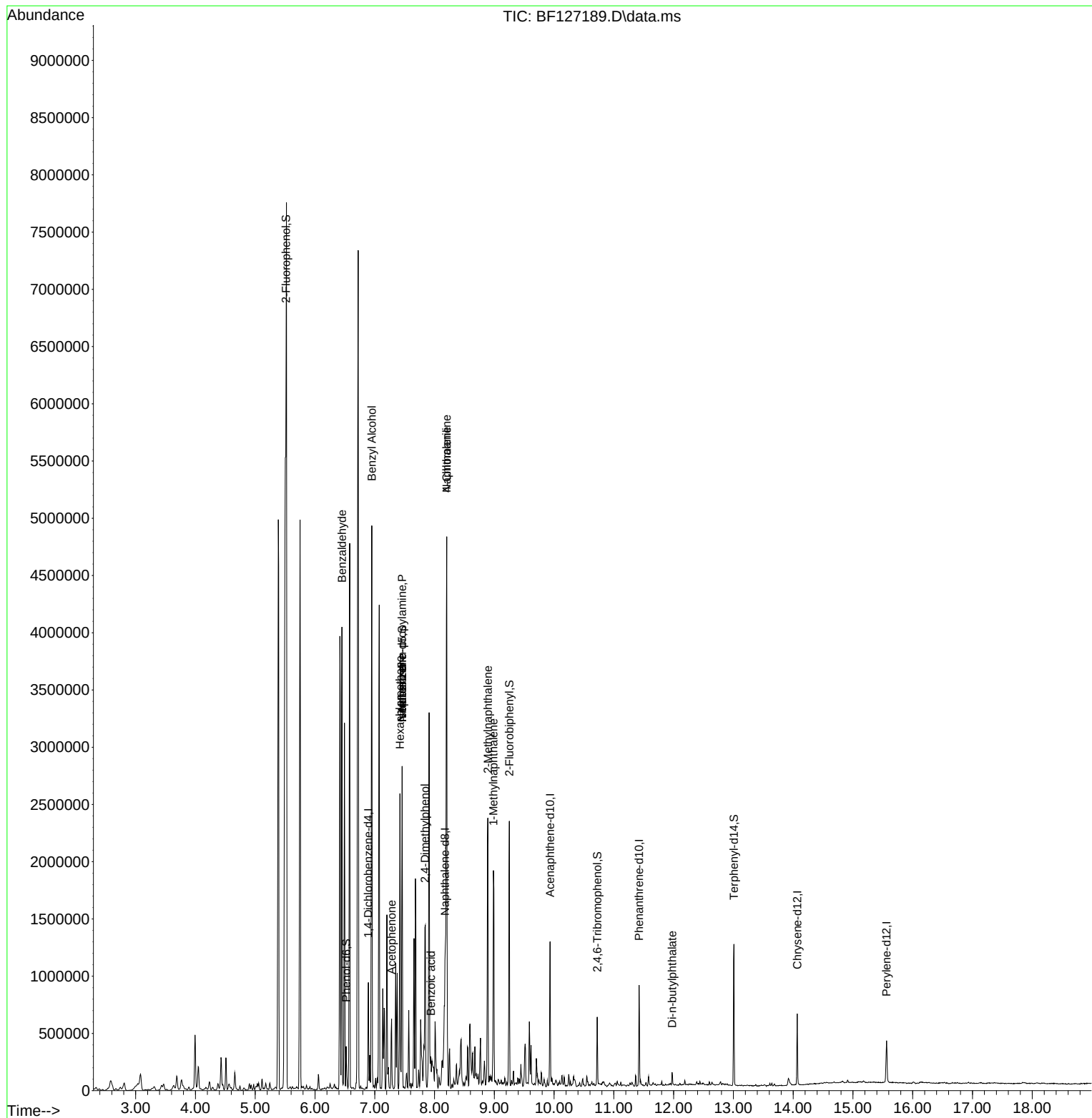
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	124284	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	474742	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	221979	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	287224	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	182727	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	155403	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	92204	11.466	ng	0.00
7) Phenol-d6	6.522	99	104007	9.585	ng	0.00
23) Nitrobenzene-d5	7.457	82	383351	36.448	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	64940	25.409	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	629917	41.776	ng	0.00
79) Terphenyl-d14	13.010	244	396905	31.931	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.451	77	161376	24.433	ng	# 1
15) Benzyl Alcohol	6.951	79	160973	17.610	ng	# 8
18) Hexachloroethane	7.422	117	180685	49.958	ng	# 1
19) n-Nitroso-di-n-propyla...	7.457	70	51092	7.307	ng	# 81
22) Acetophenone	7.281	105	226814	18.146	ng	# 53
24) Nitrobenzene	7.457	77	28798	2.898	ng	# 5
25) Isophorone	7.457	82	379518	21.806	ng	# 69
27) 2,4-Dimethylphenol	7.839	122	59056	8.498	ng	88
31) Naphthalene	8.204	128	2175999	87.804	ng	98
32) Benzoic acid	7.939	122	11801	2.394	ng	# 58
33) 4-Chloroaniline	8.204	127	294295	30.170	ng	# 33
37) 2-Methylnaphthalene	8.892	142	620090	38.561	ng	97
38) 1-Methylnaphthalene	8.986	142	449293	29.177	ng	98
74) Di-n-butylphthalate	11.974	149	48761	2.584	ng	97

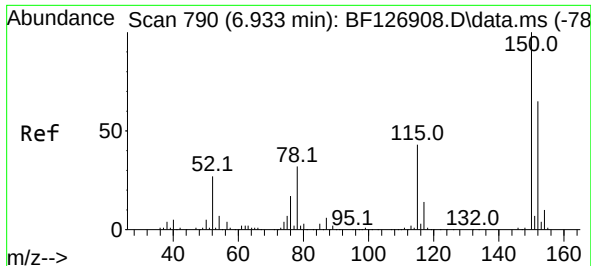
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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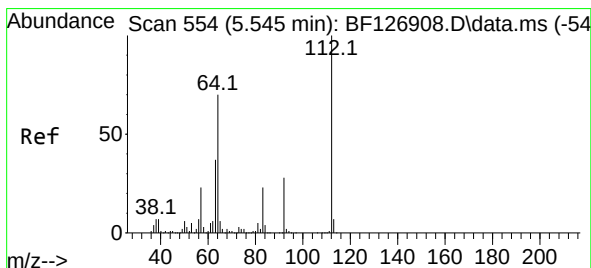
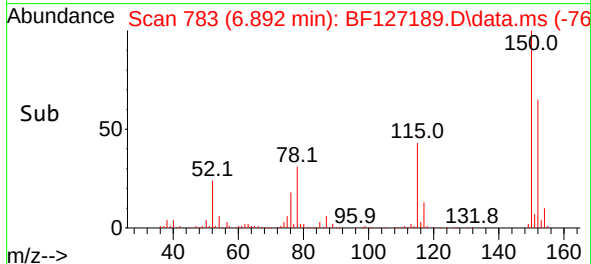
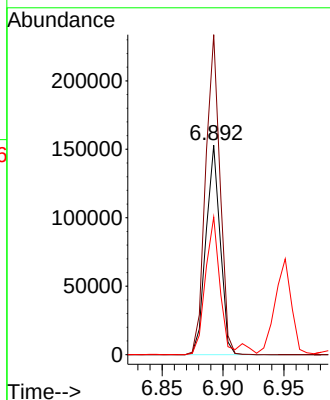
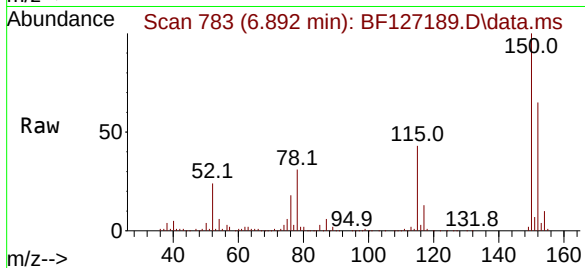




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: BF127189.D
 Acq: 03 Mar 2022 23:44

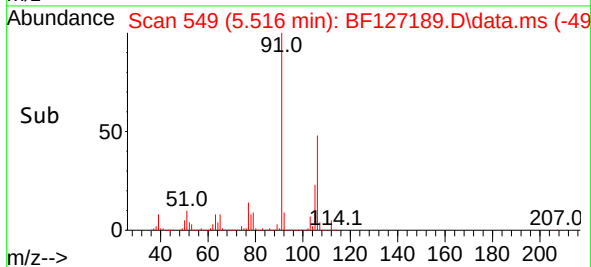
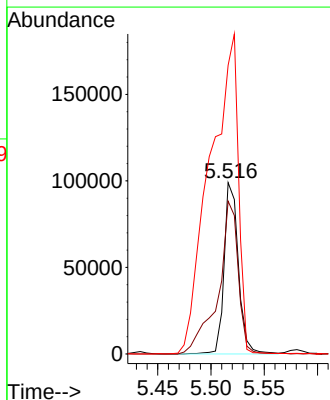
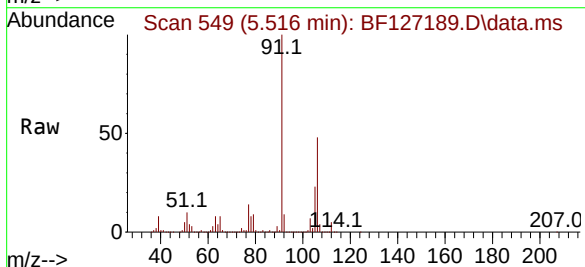
Instrument :
 BNA_F
 ClientSampleId :
 MW-23DL

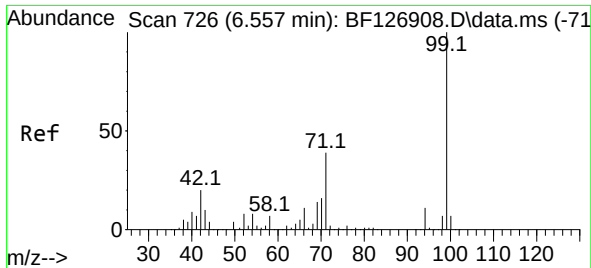
Tgt Ion:152 Resp: 124284
 Ion Ratio Lower Upper
 152 100
 150 152.7 128.1 192.1
 115 65.7 56.7 85.1



#5
 2-Fluorophenol
 Concen: 11.466 ng
 RT: 5.516 min Scan# 549
 Delta R.T. 0.006 min
 Lab File: BF127189.D
 Acq: 03 Mar 2022 23:44

Tgt Ion:112 Resp: 92204
 Ion Ratio Lower Upper
 112 100
 64 89.2 49.5 74.3#
 63 168.4 23.9 35.9#

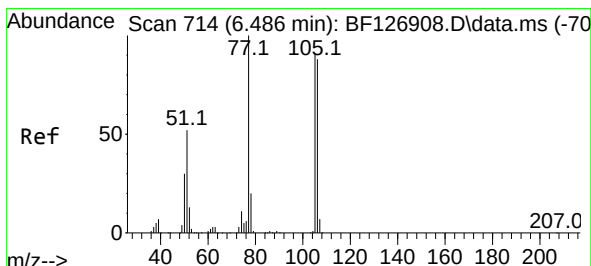
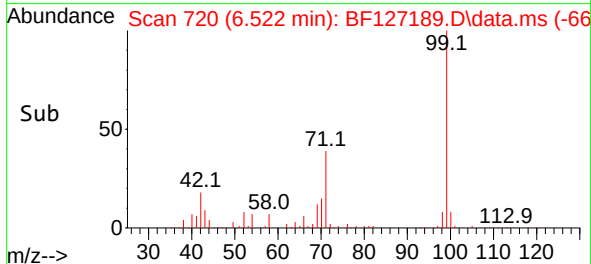
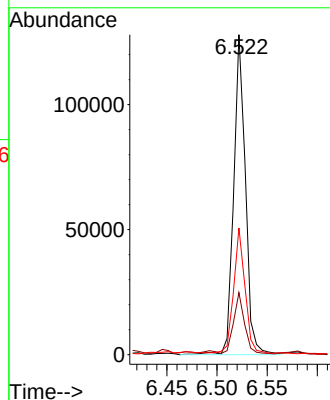
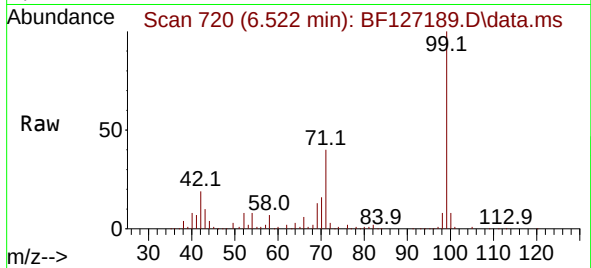




#7
Phenol-d6
Concen: 9.585 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127189.D
Acq: 03 Mar 2022 23:44

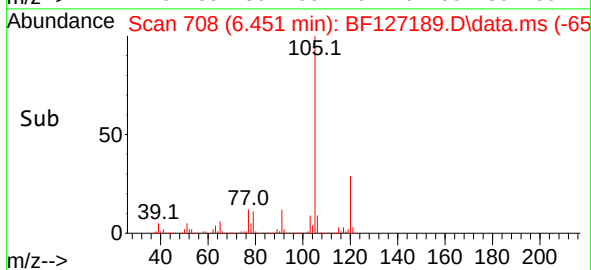
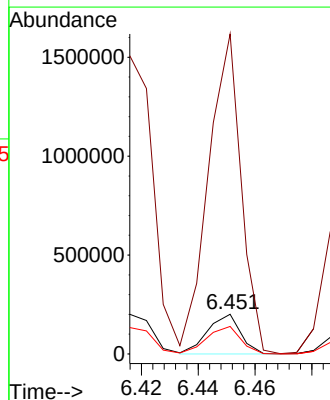
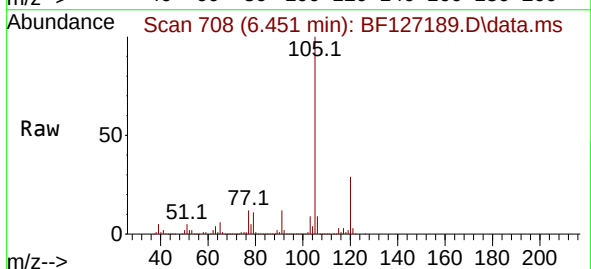
Instrument :
BNA_F
ClientSampleId :
MW-23DL

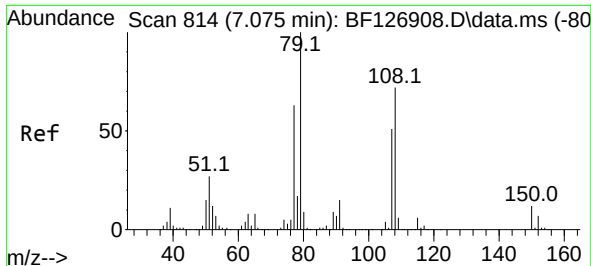
Tgt Ion: 99 Resp: 104007
Ion Ratio Lower Upper
99 100
42 19.4 14.2 21.4
71 39.6 24.3 36.5#



#9
Benzaldehyde
Concen: 24.433 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.006 min
Lab File: BF127189.D
Acq: 03 Mar 2022 23:44

Tgt Ion: 77 Resp: 161376
Ion Ratio Lower Upper
77 100
105 806.9 74.9 114.9#
106 69.4 72.4 112.4#





#15

Benzyl Alcohol

Concen: 17.610 ng

RT: 6.951 min Scan# 79

Delta R.T. -0.083 min

Lab File: BF127189.D

Acq: 03 Mar 2022 23:44

Instrument :

BNA_F

ClientSampleId :

MW-23DL

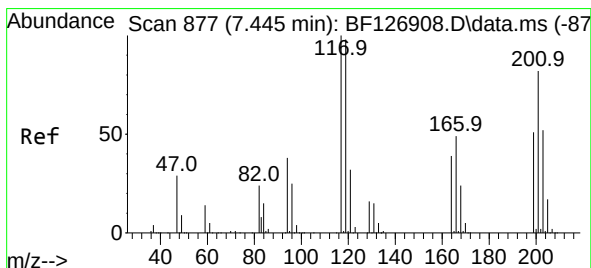
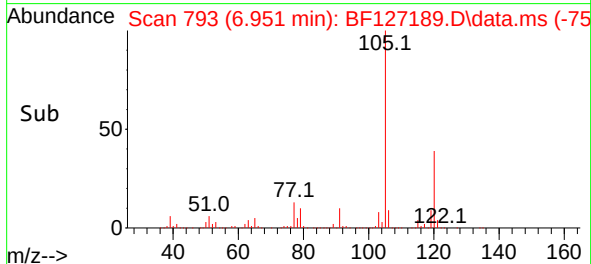
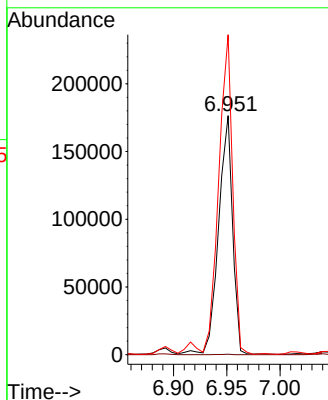
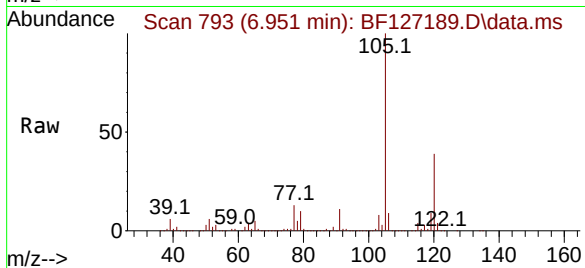
Tgt Ion: 79 Resp: 160973

Ion Ratio Lower Upper

79 100

108 0.2 63.2 94.8#

77 133.9 49.4 74.2#



#18

Hexachloroethane

Concen: 49.958 ng

RT: 7.422 min Scan# 873

Delta R.T. 0.017 min

Lab File: BF127189.D

Acq: 03 Mar 2022 23:44

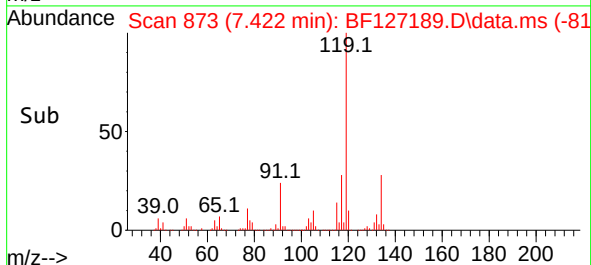
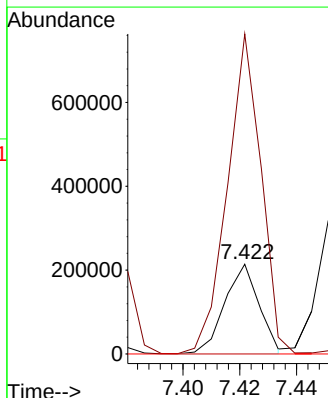
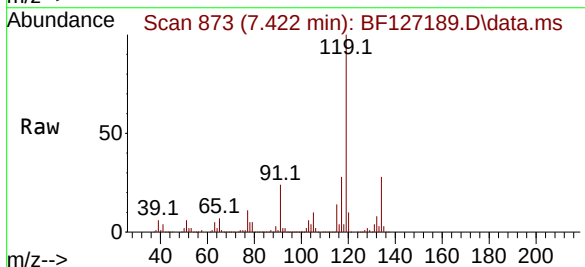
Tgt Ion: 117 Resp: 180685

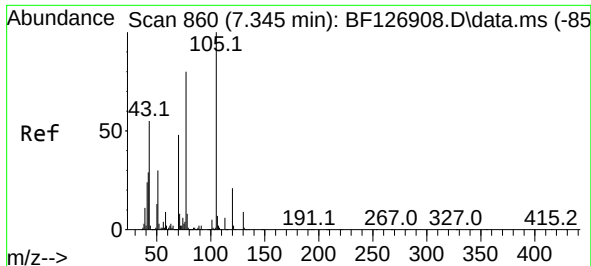
Ion Ratio Lower Upper

117 100

119 356.6 75.4 113.0#

201 0.0 56.8 85.2#

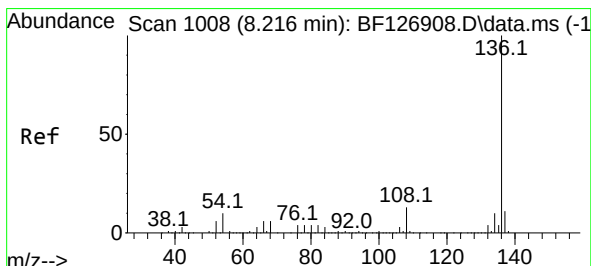
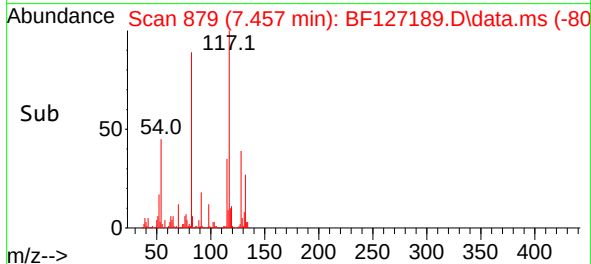
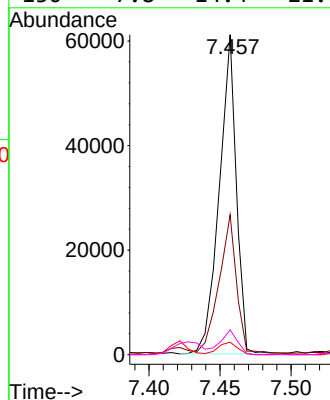
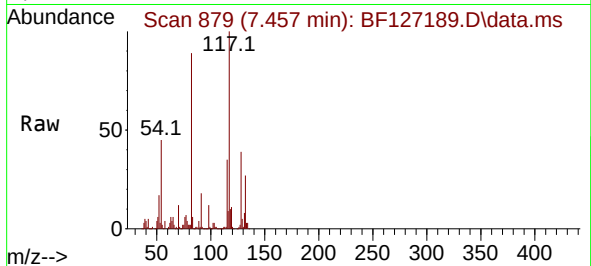




#19
n-Nitroso-di-n-propylamine
Concen: 7.307 ng
RT: 7.457 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127189.D
Acq: 03 Mar 2022 23:44

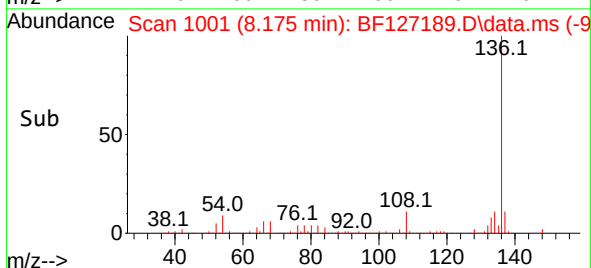
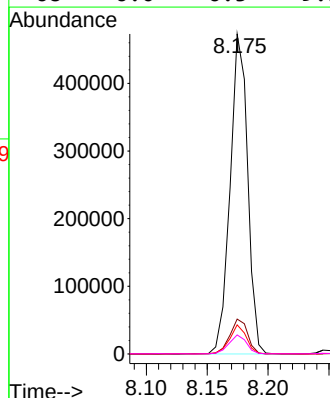
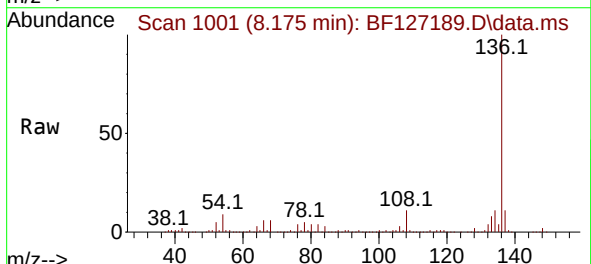
Instrument :
BNA_F
ClientSampleId :
MW-23DL

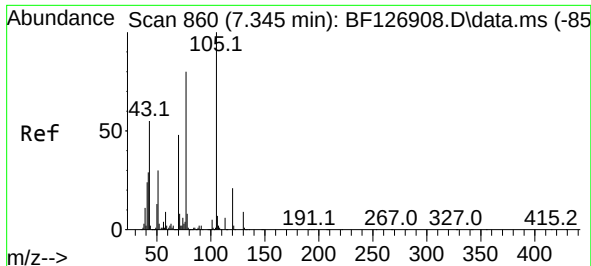
Tgt Ion:	70	Resp:	51092
Ion	Ratio	Lower	Upper
70	100		
42	43.8	45.8	68.8#
101	3.9	6.9	10.3#
130	7.8	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127189.D
Acq: 03 Mar 2022 23:44

Tgt Ion:	136	Resp:	474742
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.1	7.8	11.6
68	6.0	6.3	9.5#

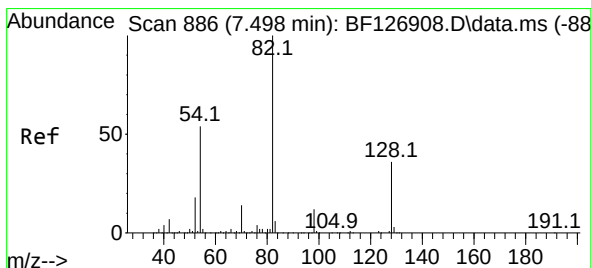
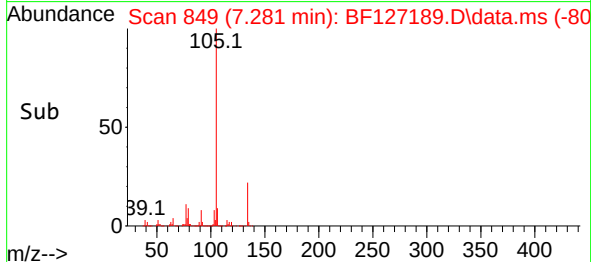
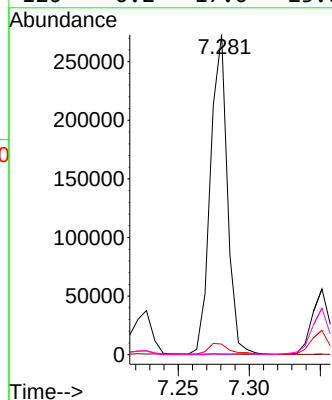
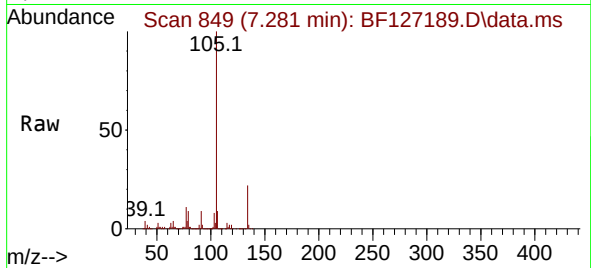




#22
Acetophenone
Concen: 18.146 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.024 min
Lab File: BF127189.D
Acq: 03 Mar 2022 23:44

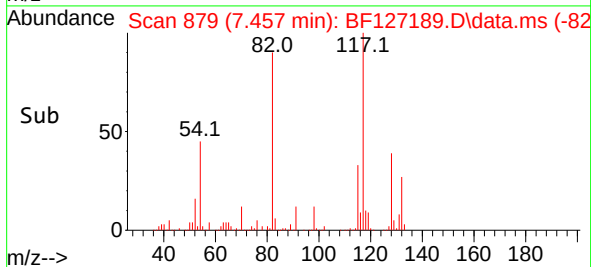
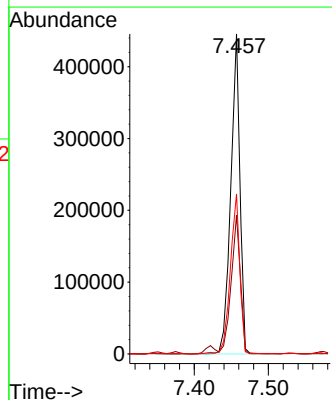
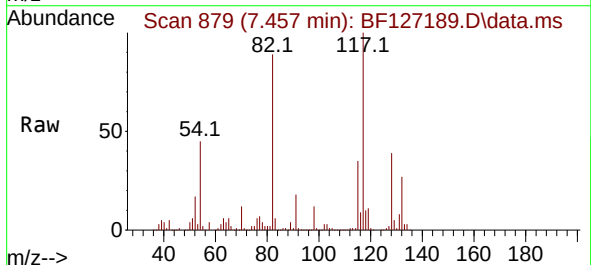
Instrument :
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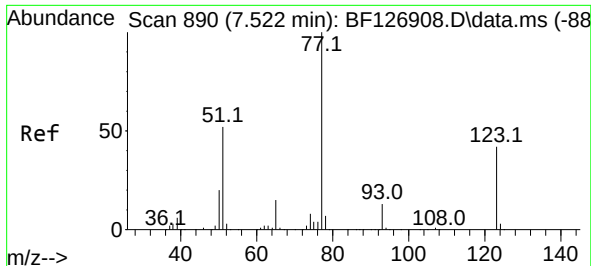
Tgt Ion:105 Resp: 226814
Ion Ratio Lower Upper
105 100
71 0.2 5.4 8.0#
51 3.3 27.4 41.0#
120 0.2 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 36.448 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF127189.D
Acq: 03 Mar 2022 23:44

Tgt Ion: 82 Resp: 383351
Ion Ratio Lower Upper
82 100
128 43.4 32.7 49.1
54 50.0 41.7 62.5

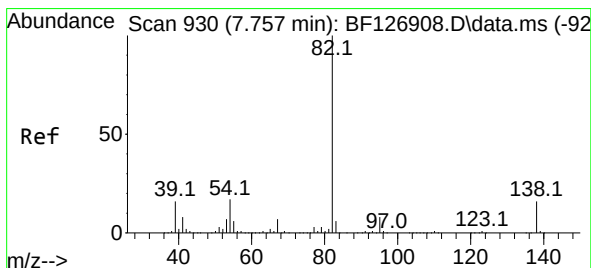
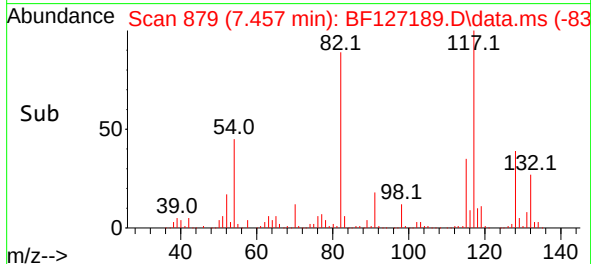
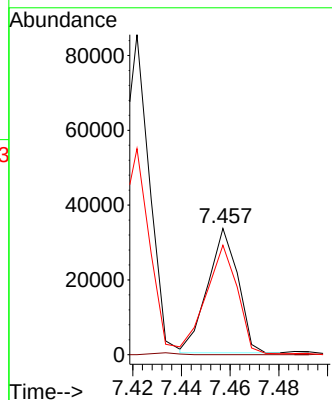
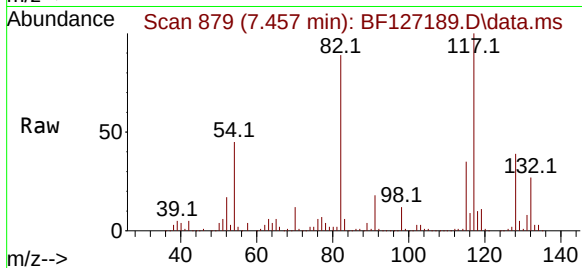




#24
Nitrobenzene
Concen: 2.898 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.024 min
Lab File: BF127189.D
Acq: 03 Mar 2022 23:44

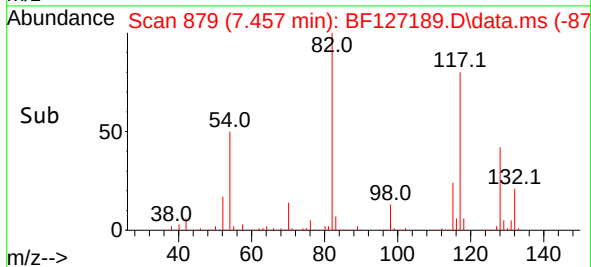
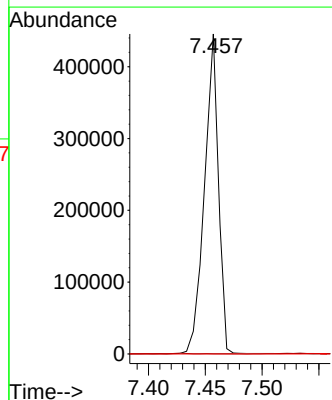
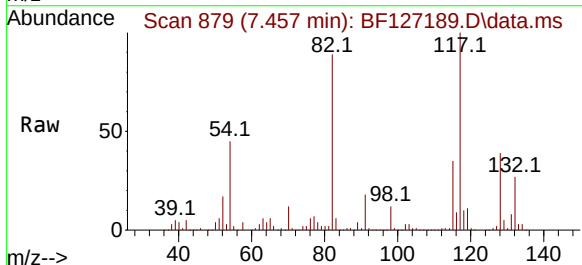
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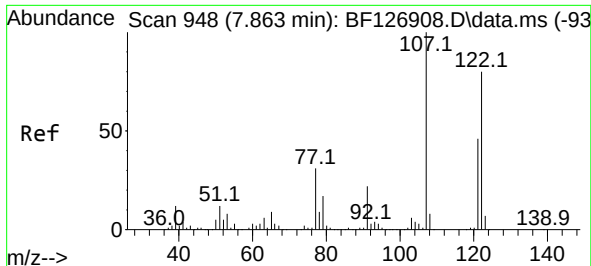
Tgt Ion: 77 Resp: 28798
Ion Ratio Lower Upper
77 100
123 0.0 34.6 52.0#
65 86.6 10.6 15.8#



#25
Isophorone
Concen: 21.806 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.259 min
Lab File: BF127189.D
Acq: 03 Mar 2022 23:44

Tgt Ion: 82 Resp: 379518
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#





#27

2,4-Dimethylphenol

Concen: 8.498 ng

RT: 7.839 min Scan# 94

Delta R.T. 0.012 min

Lab File: BF127189.D

Acq: 03 Mar 2022 23:44

Instrument :

BNA_F

ClientSampleId :

MW-23DL

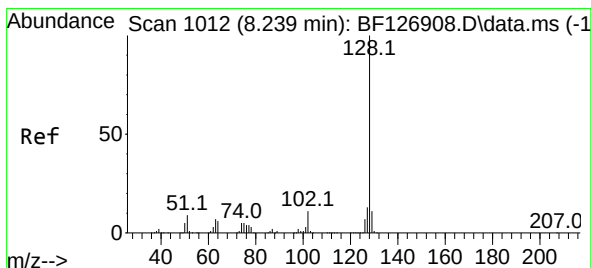
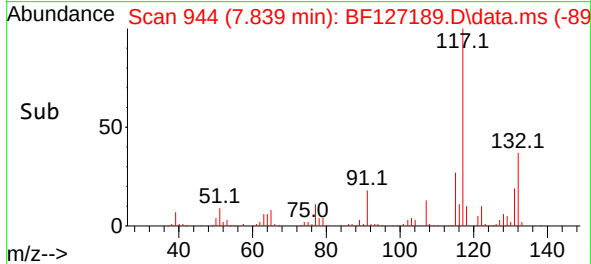
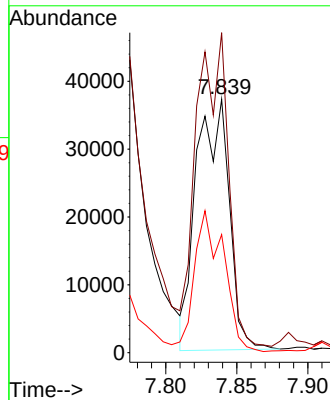
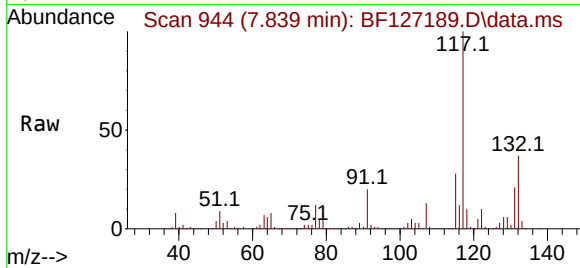
Tgt Ion:122 Resp: 59056

Ion Ratio Lower Upper

122 100

107 126.3 91.2 136.8

121 46.6 44.4 66.6



#31

Naphthalene

Concen: 87.804 ng

RT: 8.204 min Scan# 1006

Delta R.T. 0.006 min

Lab File: BF127189.D

Acq: 03 Mar 2022 23:44

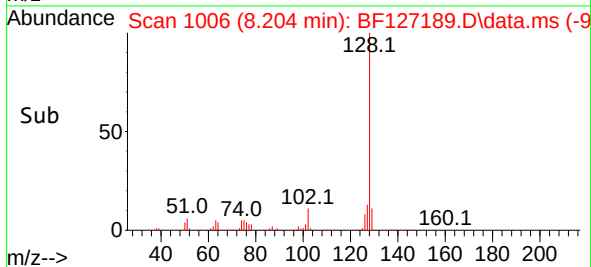
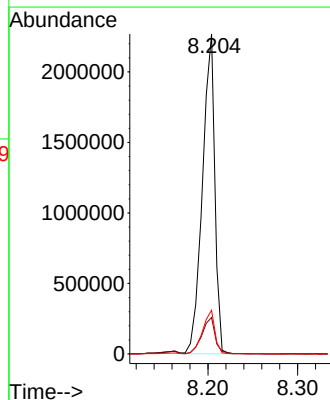
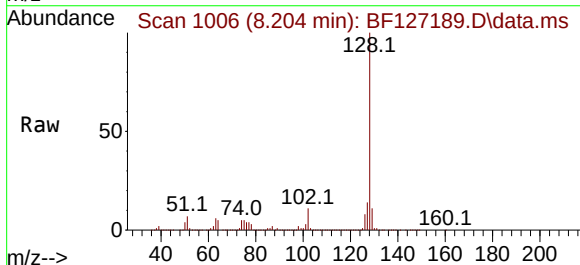
Tgt Ion:128 Resp: 2175999

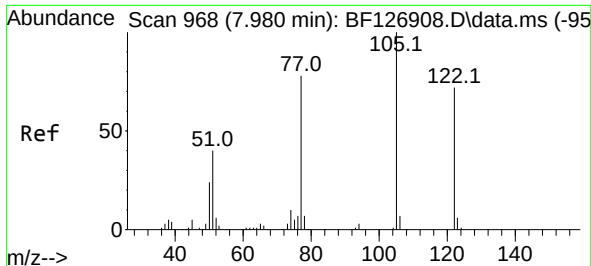
Ion Ratio Lower Upper

128 100

129 11.4 8.6 13.0

127 13.6 10.3 15.5

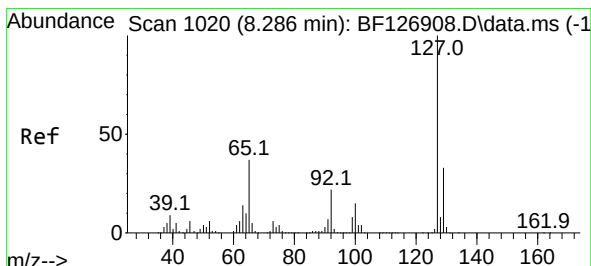
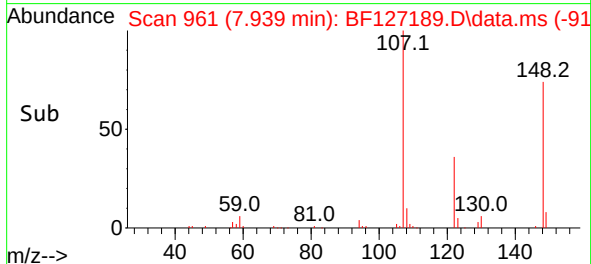
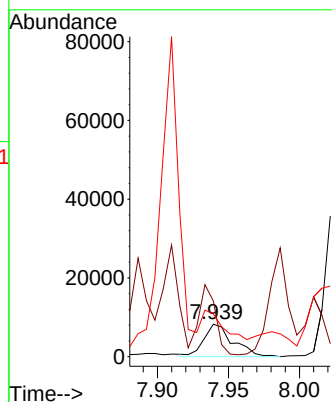
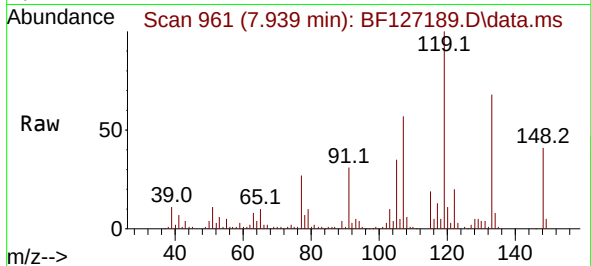




#32
Benzoic acid
Concen: 2.394 ng
RT: 7.939 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF127189.D
Acq: 03 Mar 2022 23:44

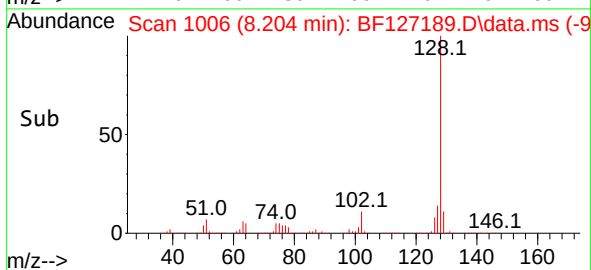
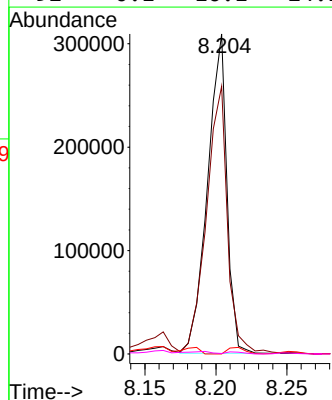
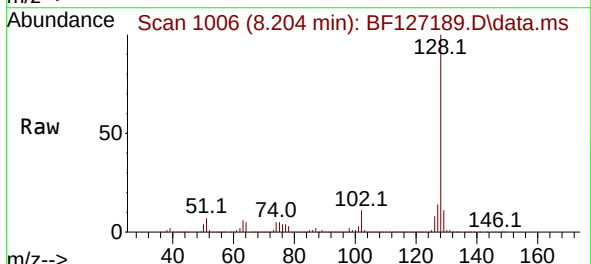
Instrument :
BNA_F
ClientSampleId :
MW-23DL

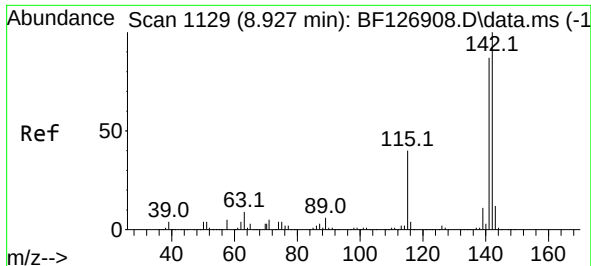
Tgt Ion:122 Resp: 11801
Ion Ratio Lower Upper
122 100
105 171.6 101.0 141.0#
77 132.0 74.5 114.5#



#33
4-Chloroaniline
Concen: 30.170 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.041 min
Lab File: BF127189.D
Acq: 03 Mar 2022 23:44

Tgt Ion:127 Resp: 294295
Ion Ratio Lower Upper
127 100
129 83.7 26.5 39.7#
65 0.0 26.6 39.8#
92 0.1 16.1 24.1#





#37

2-Methylnaphthalene

Concen: 38.561 ng

RT: 8.892 min Scan# 1129

Delta R.T. -0.000 min

Lab File: BF127189.D

Acq: 03 Mar 2022 23:44

Instrument :

BNA_F

ClientSampleId :

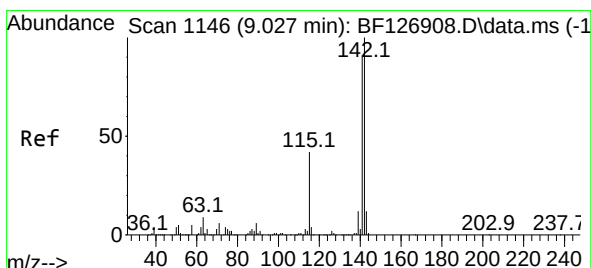
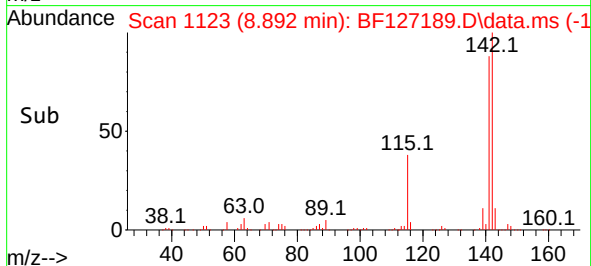
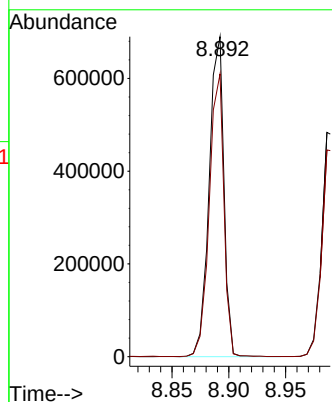
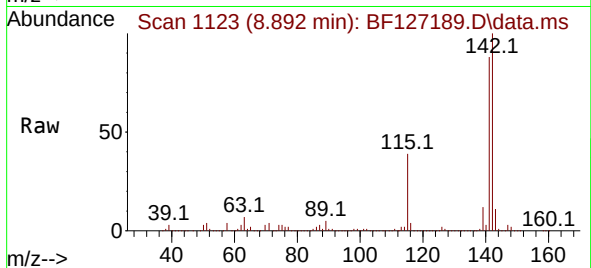
MW-23DL

Tgt Ion:142 Resp: 620090

Ion Ratio Lower Upper

142 100

141 88.3 68.6 102.8



#38

1-Methylnaphthalene

Concen: 29.177 ng

RT: 8.986 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF127189.D

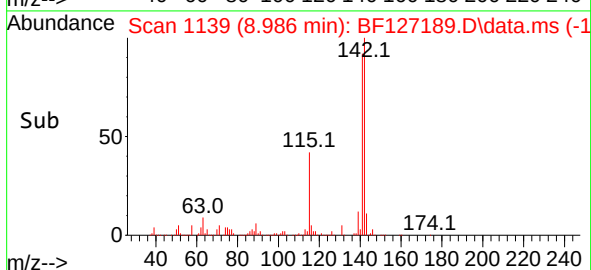
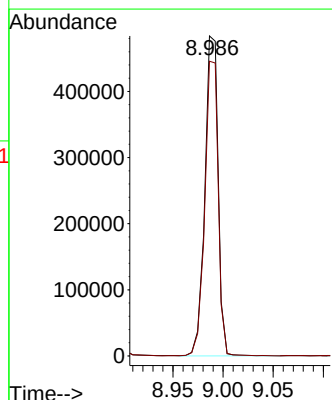
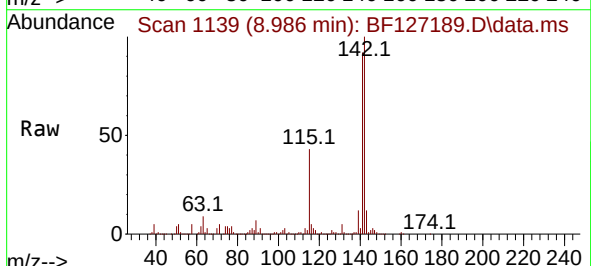
Acq: 03 Mar 2022 23:44

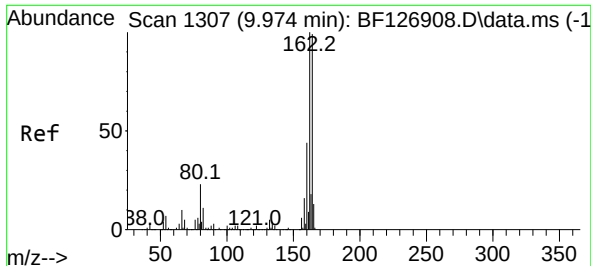
Tgt Ion:142 Resp: 449293

Ion Ratio Lower Upper

142 100

141 92.1 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127189.D

Acq: 03 Mar 2022 23:44

Instrument :

BNA_F

ClientSampleId :

MW-23DL

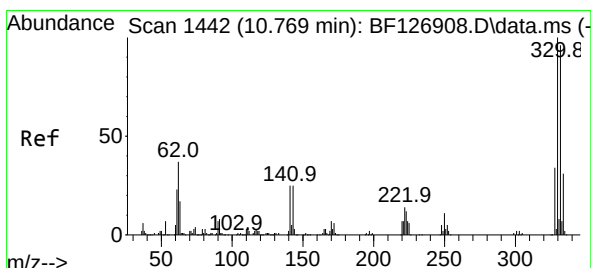
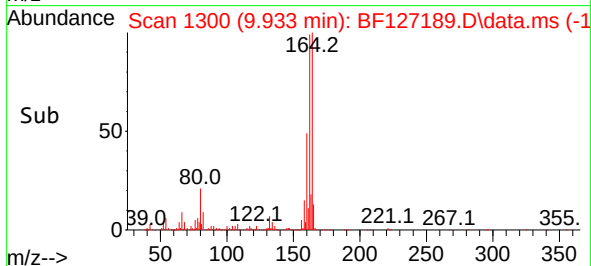
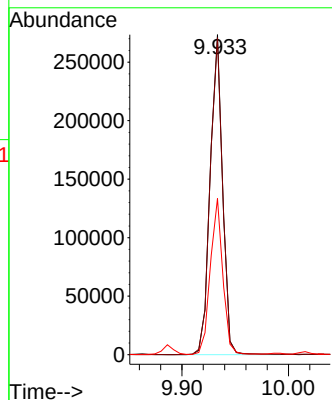
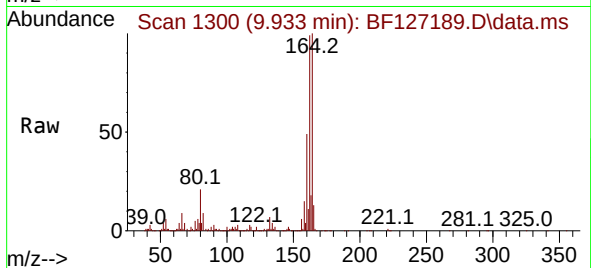
Tgt Ion:164 Resp: 221979

Ion Ratio Lower Upper

164 100

162 99.1 81.4 122.0

160 48.8 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 25.409 ng

RT: 10.722 min Scan# 1434

Delta R.T. -0.006 min

Lab File: BF127189.D

Acq: 03 Mar 2022 23:44

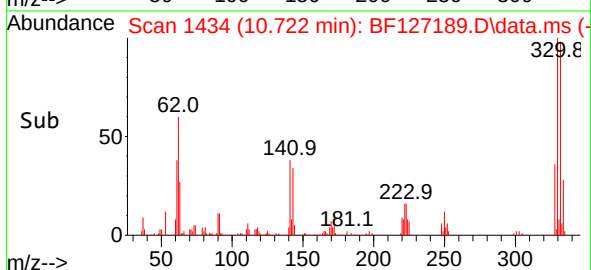
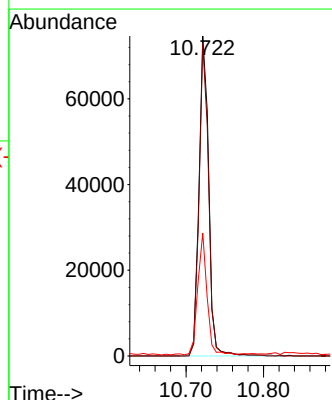
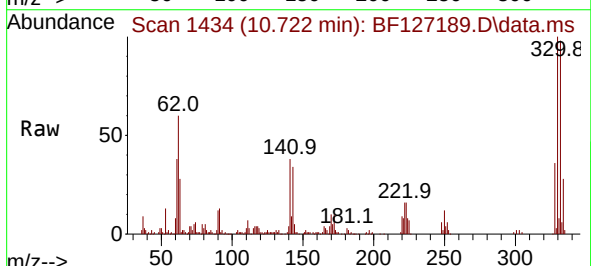
Tgt Ion:330 Resp: 64940

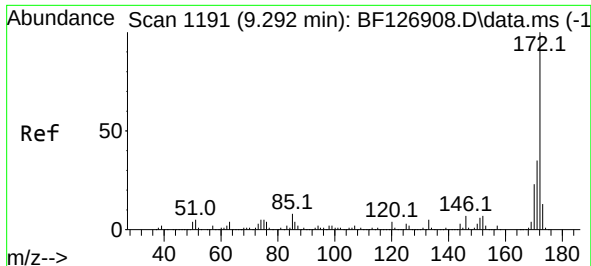
Ion Ratio Lower Upper

330 100

332 95.5 76.0 114.0

141 37.1 30.1 45.1

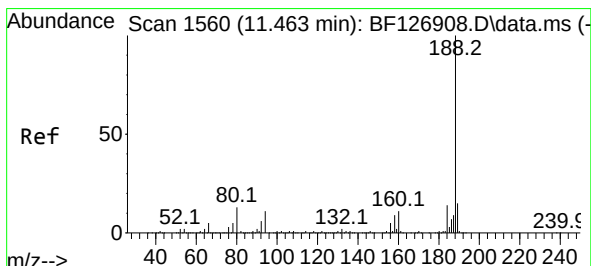
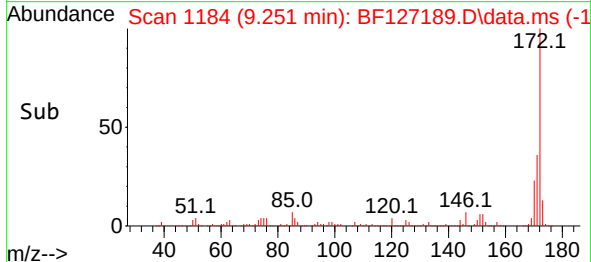
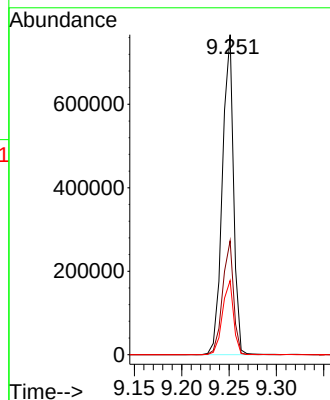
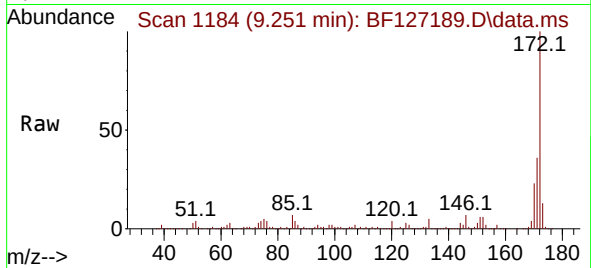




#45
2-Fluorobiphenyl
Concen: 41.776 ng
RT: 9.251 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF127189.D
Acq: 03 Mar 2022 23:44

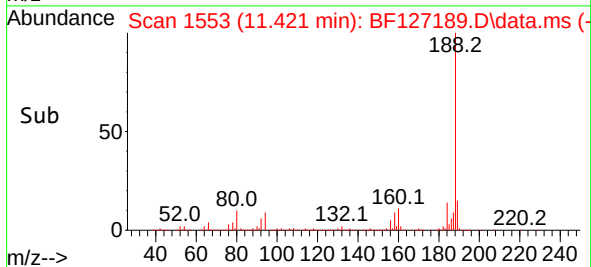
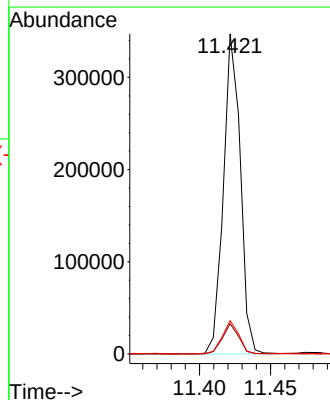
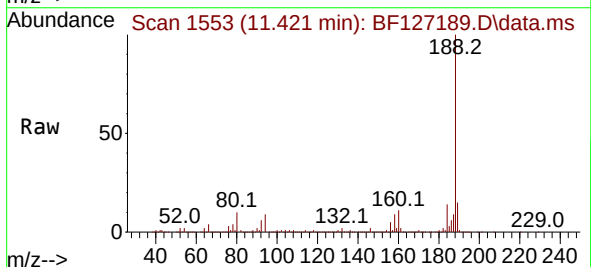
Instrument :
BNA_F
ClientSampleId :
MW-23DL

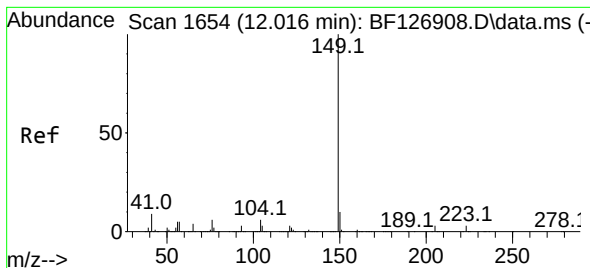
Tgt Ion:172 Resp: 629917
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.2 19.0 28.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF127189.D
Acq: 03 Mar 2022 23:44

Tgt Ion:188 Resp: 287224
Ion Ratio Lower Upper
188 100
94 9.5 10.1 15.1#
80 10.4 11.8 17.6#





#74

Di-n-butylphthalate

Concen: 2.584 ng

RT: 11.974 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127189.D

Acq: 03 Mar 2022 23:44

Instrument :

BNA_F

ClientSampleId :

MW-23DL

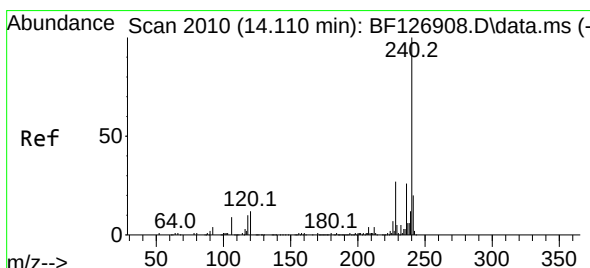
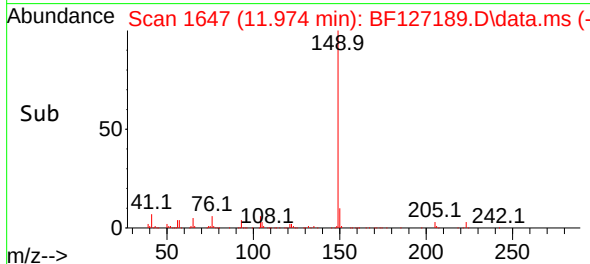
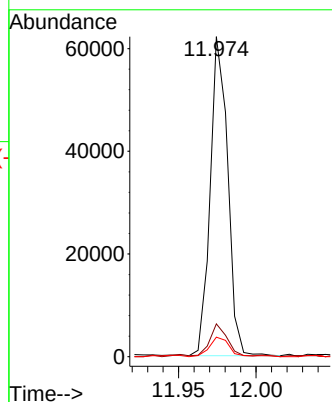
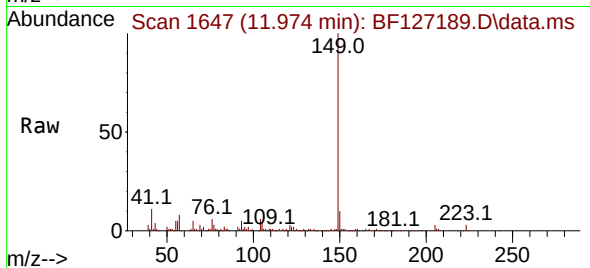
Tgt Ion:149 Resp: 48761

Ion Ratio Lower Upper

149 100

150 10.3 7.2 10.8

104 6.1 4.2 6.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BF127189.D

Acq: 03 Mar 2022 23:44

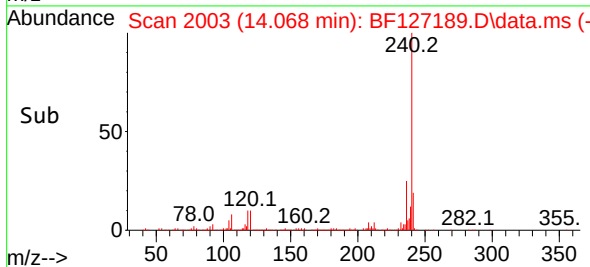
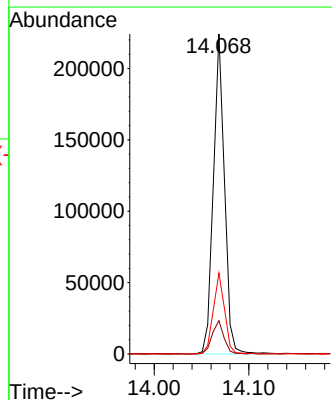
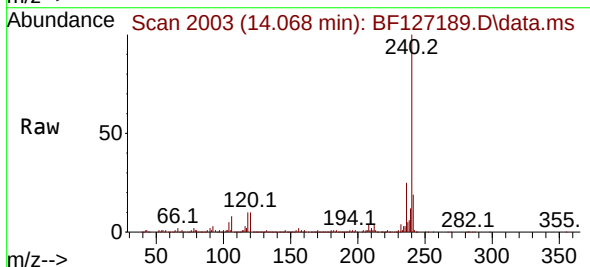
Tgt Ion:240 Resp: 182727

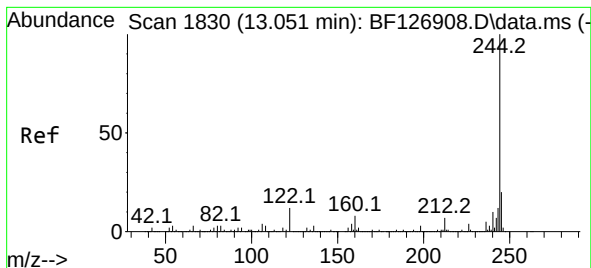
Ion Ratio Lower Upper

240 100

120 10.4 14.4 21.6#

236 25.3 20.5 30.7





#79

Terphenyl-d14

Concen: 31.931 ng

RT: 13.010 min Scan# 1823

Delta R.T. -0.006 min

Lab File: BF127189.D

Acq: 03 Mar 2022 23:44

Instrument :

BNA_F

ClientSampleId :

MW-23DL

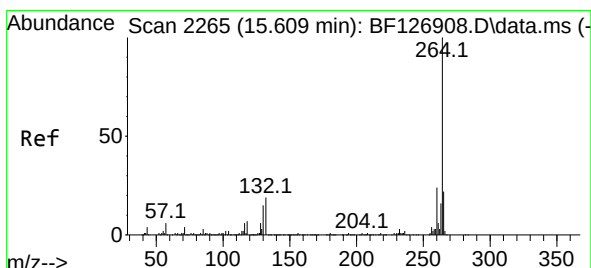
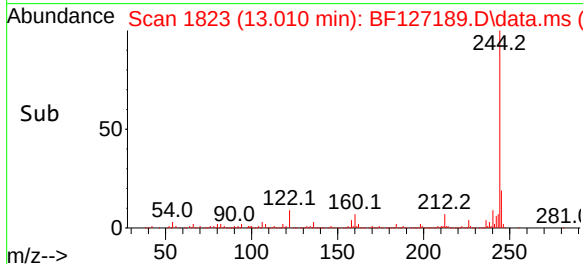
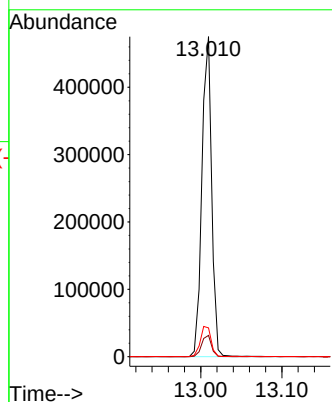
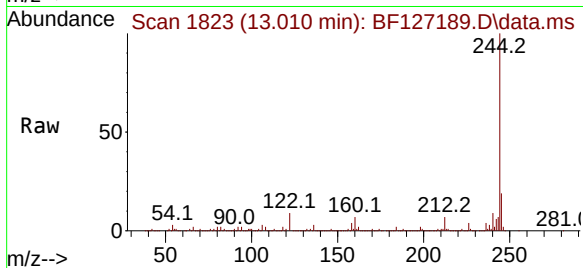
Tgt Ion:244 Resp: 396905

Ion Ratio Lower Upper

244 100

212 6.7 5.0 7.4

122 9.0 13.3 19.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.562 min Scan# 2257

Delta R.T. -0.006 min

Lab File: BF127189.D

Acq: 03 Mar 2022 23:44

Tgt Ion:264 Resp: 155403

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 21.1 17.4 26.2

