

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
 Data File : BF127190.D
 Acq On : 04 Mar 2022 00:12
 Operator : CG\JU
 Sample : N1689-03DL 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

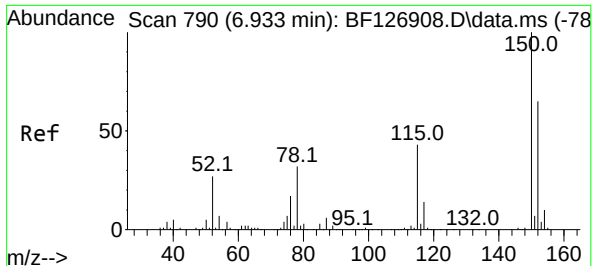
Instrument :
 BNA_F
 ClientSampleId :
 MW-39DL

Quant Time: Mar 04 02:15:51 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	6.893	152	95826	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	425205	20.000	ng	# 0.00
39) Acenaphthene-d10	9.934	164	185776	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	287967	20.000	ng	# 0.00
76) Chrysene-d12	14.069	240	176792	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	149384	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	179109	28.888	ng	0.01
7) Phenol-d6	6.522	99	213775	25.553	ng	0.00
23) Nitrobenzene-d5	7.457	82	393149	41.734	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	146855	68.657	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	641995	50.874	ng	0.00
79) Terphenyl-d14	13.010	244	450724	37.478	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.451	77	133432	26.202	ng	# 1
15) Benzyl Alcohol	6.951	79	125192	17.763	ng	# 6
18) Hexachloroethane	7.422	117	81889	29.366	ng	# 1
19) n-Nitroso-di-n-propyla...	7.457	70	55342	10.266	ng	# 84
22) Acetophenone	7.281	105	115975	10.359	ng	# 54
25) Isophorone	7.457	82	388549	24.926	ng	# 69
27) 2,4-Dimethylphenol	7.840	122	16461	2.645	ng	82
31) Naphthalene	8.204	128	2086516	94.002	ng	98
33) 4-Chloroaniline	8.204	127	279169	31.954	ng	# 33
37) 2-Methylnaphthalene	8.892	142	631930	43.875	ng	100
38) 1-Methylnaphthalene	8.992	142	476946	34.581	ng	98
46) 1,1'-Biphenyl	9.351	154	58679	3.987	ng	97
67) 4-Bromophenyl-phenylether	10.722	248	8833	2.745	ng	# 1

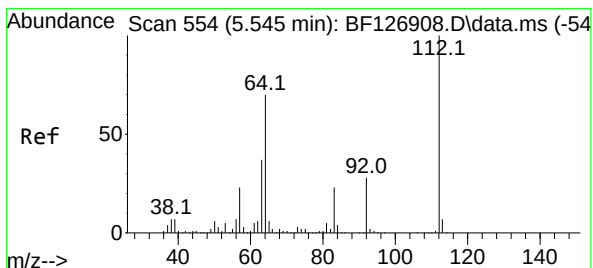
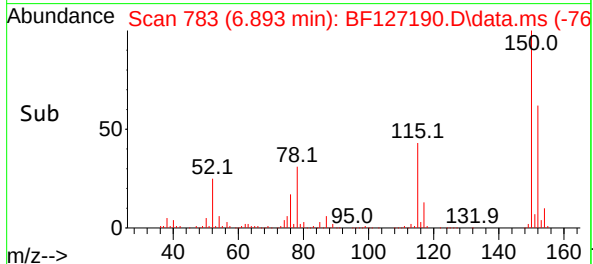
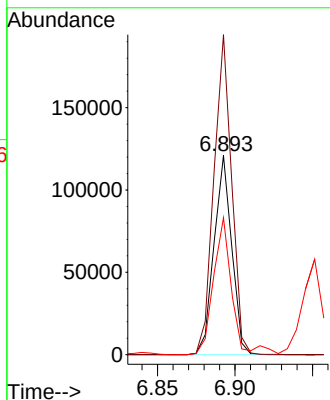
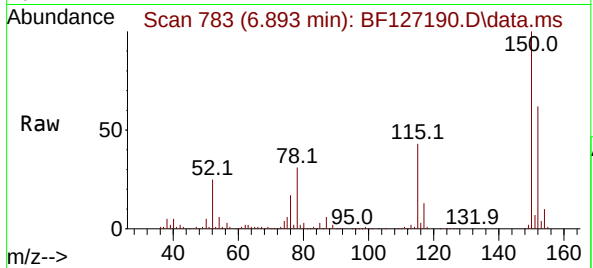
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF127190.D
Acq: 04 Mar 2022 00:12

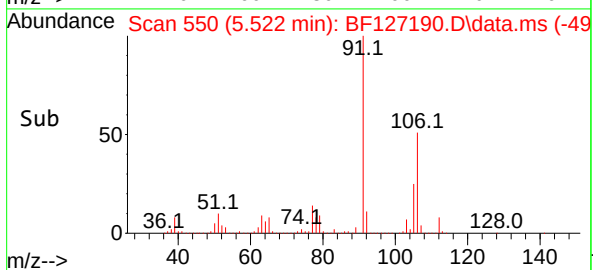
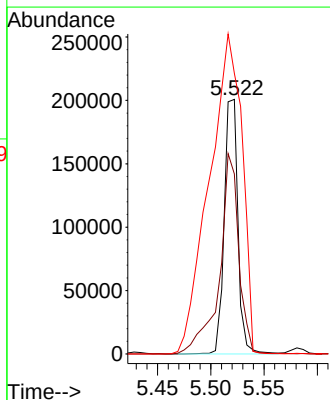
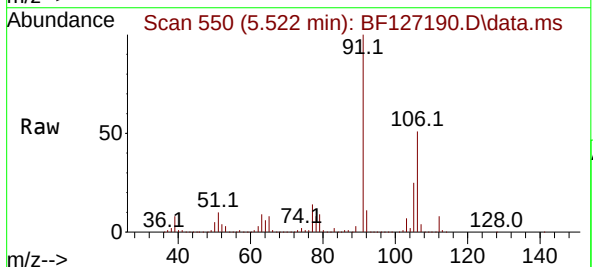
Instrument :
BNA_F
ClientSampleId :
MW-39DL

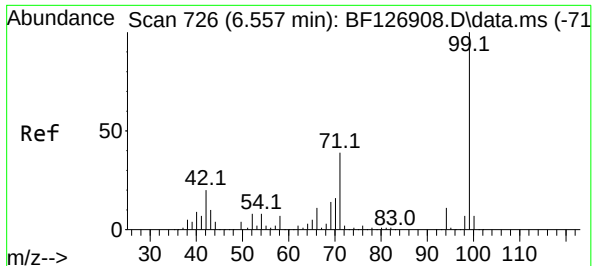
Tgt Ion:152 Resp: 95826
Ion Ratio Lower Upper
152 100
150 160.6 128.1 192.1
115 68.7 56.7 85.1



#5
2-Fluorophenol
Concen: 28.888 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.012 min
Lab File: BF127190.D
Acq: 04 Mar 2022 00:12

Tgt Ion:112 Resp: 179109
Ion Ratio Lower Upper
112 100
64 70.7 49.5 74.3
63 110.2 23.9 35.9#

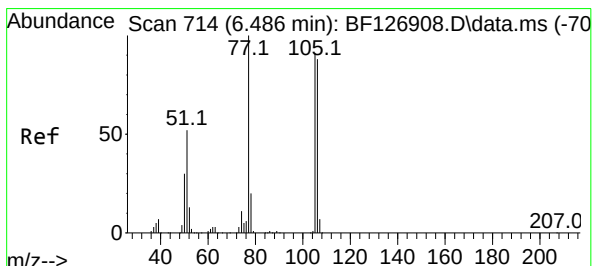
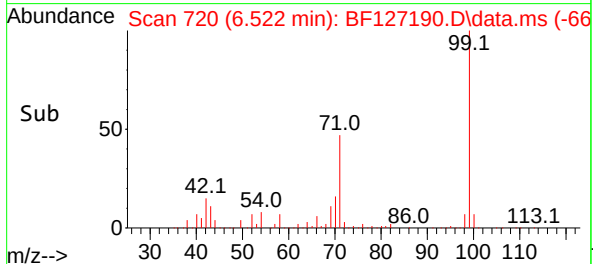
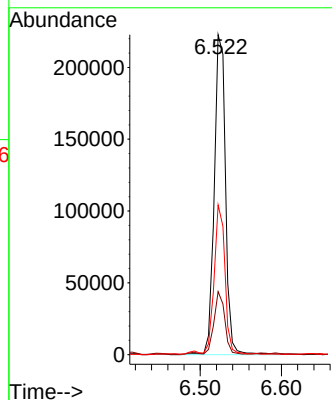
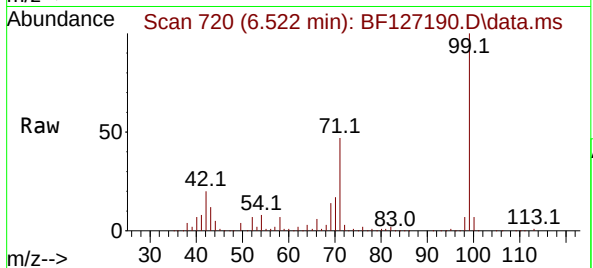




#7
Phenol-d6
Concen: 25.553 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127190.D
Acq: 04 Mar 2022 00:12

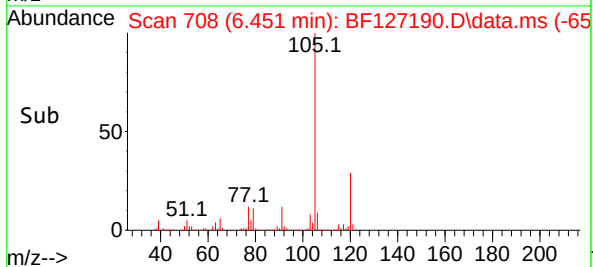
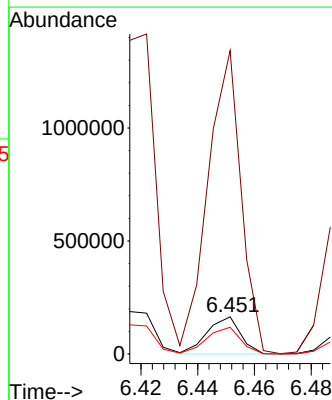
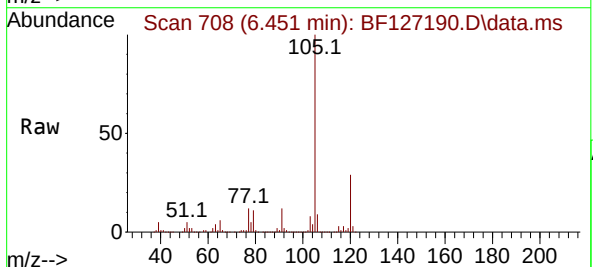
Instrument :
BNA_F
ClientSampleId :
MW-39DL

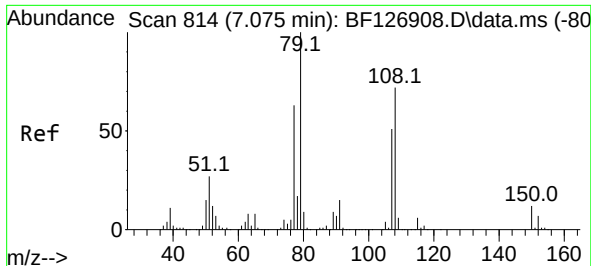
Tgt Ion: 99 Resp: 213775
Ion Ratio Lower Upper
99 100
42 19.7 14.2 21.4
71 46.8 24.3 36.5#



#9
Benzaldehyde
Concen: 26.202 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.006 min
Lab File: BF127190.D
Acq: 04 Mar 2022 00:12

Tgt Ion: 77 Resp: 133432
Ion Ratio Lower Upper
77 100
105 817.5 74.9 114.9#
106 71.9 72.4 112.4#





#15

Benzyl Alcohol

Concen: 17.763 ng

RT: 6.951 min Scan# 79

Delta R.T. -0.082 min

Lab File: BF127190.D

Acq: 04 Mar 2022 00:12

Instrument :

BNA_F

ClientSampleId :

MW-39DL

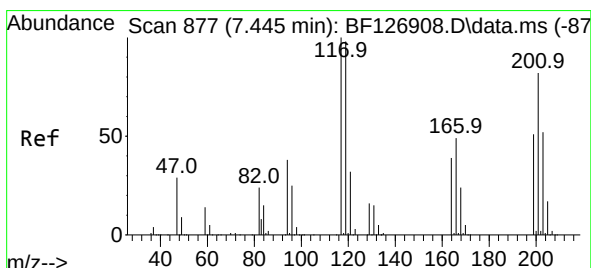
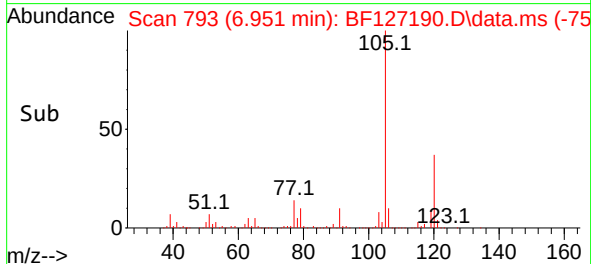
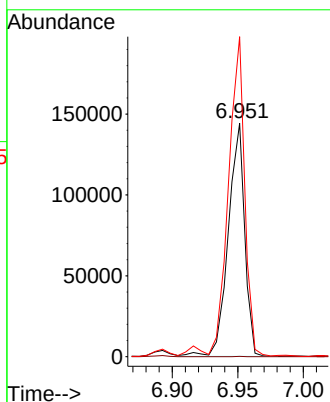
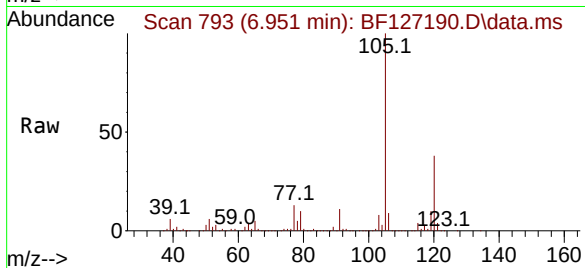
Tgt Ion: 79 Resp: 125192

Ion Ratio Lower Upper

79 100

108 0.1 63.2 94.8#

77 137.1 49.4 74.2#



#18

Hexachloroethane

Concen: 29.366 ng

RT: 7.422 min Scan# 873

Delta R.T. 0.018 min

Lab File: BF127190.D

Acq: 04 Mar 2022 00:12

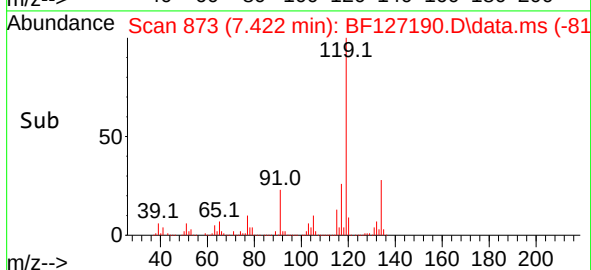
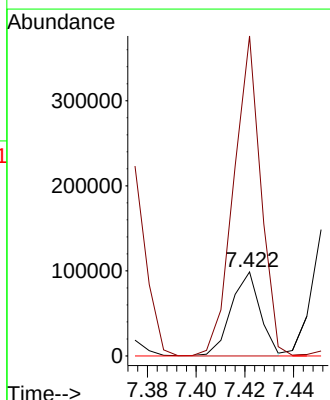
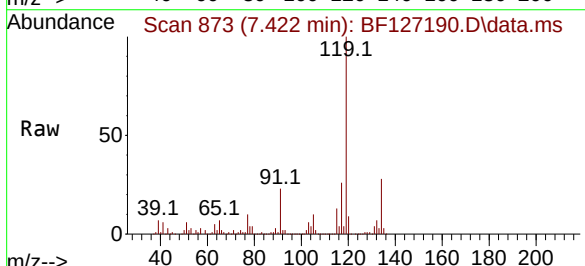
Tgt Ion: 117 Resp: 81889

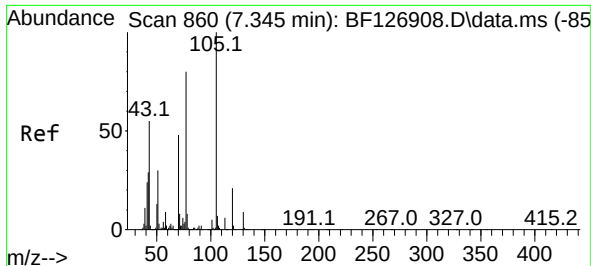
Ion Ratio Lower Upper

117 100

119 380.9 75.4 113.0#

201 0.0 56.8 85.2#

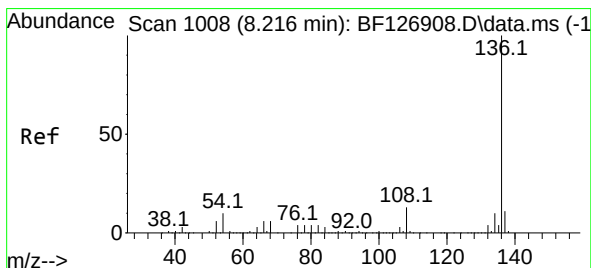
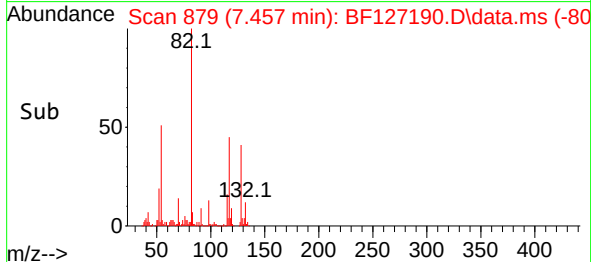
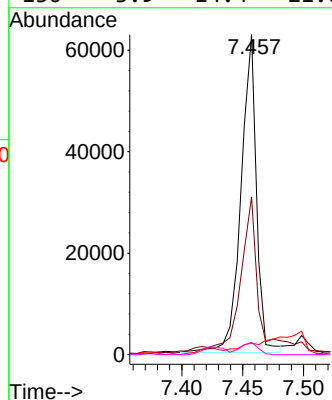
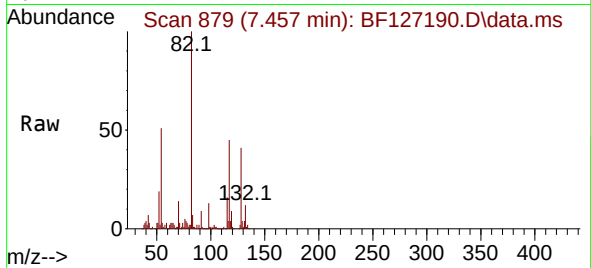




#19
n-Nitroso-di-n-propylamine
Concen: 10.266 ng
RT: 7.457 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127190.D
Acq: 04 Mar 2022 00:12

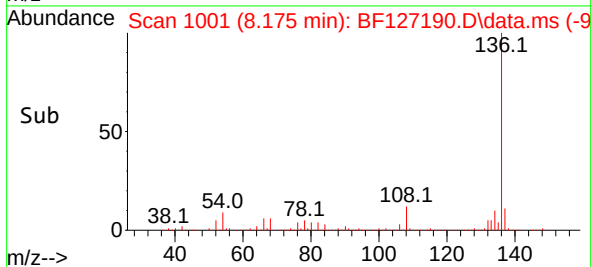
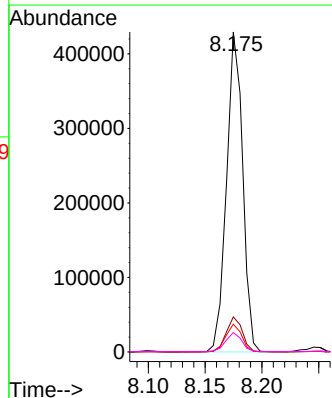
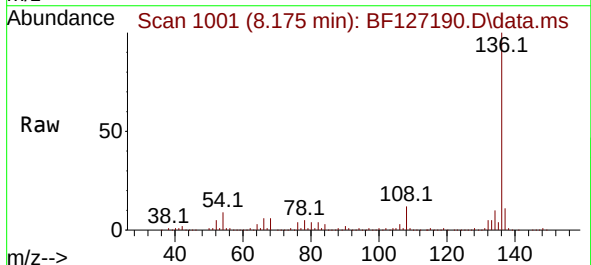
Instrument :
BNA_F
ClientSampleId :
MW-39DL

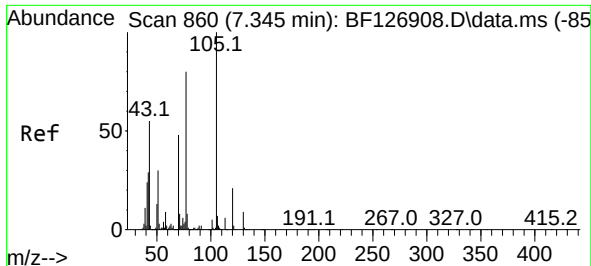
Tgt Ion: 70	Resp: 55342
Ion Ratio	Lower Upper
70 100	
42 49.3	45.8 68.8
101 3.6	6.9 10.3#
130 3.9	14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BF127190.D
Acq: 04 Mar 2022 00:12

Tgt Ion: 136	Resp: 425205
Ion Ratio	Lower Upper
136 100	
137 11.0	8.6 13.0
54 8.7	7.8 11.6
68 6.1	6.3 9.5#

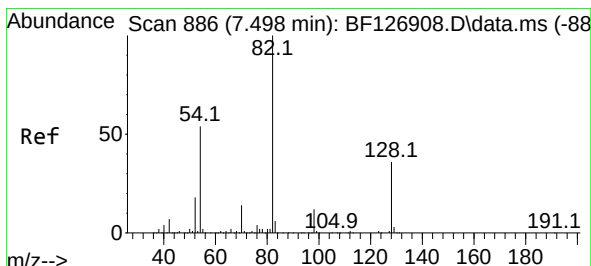
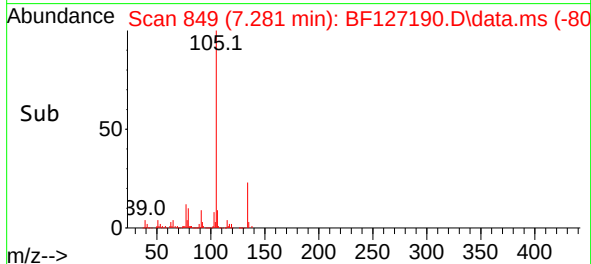
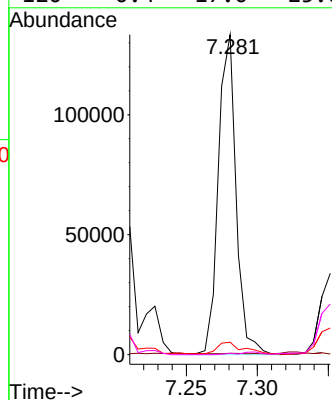
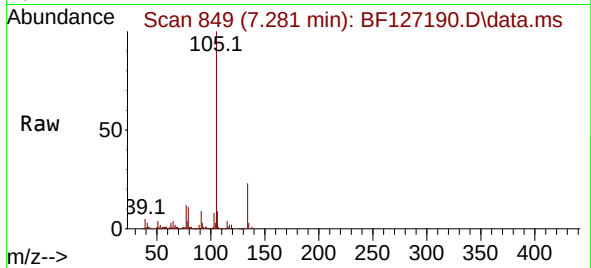




#22
Acetophenone
Concen: 10.359 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.023 min
Lab File: BF127190.D
Acq: 04 Mar 2022 00:12

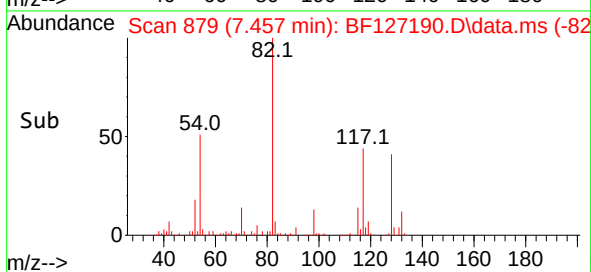
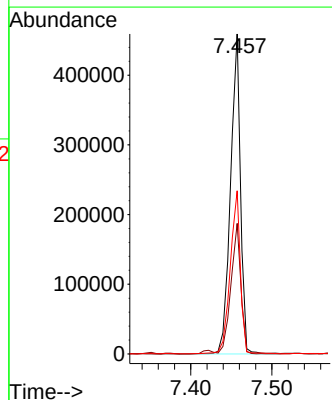
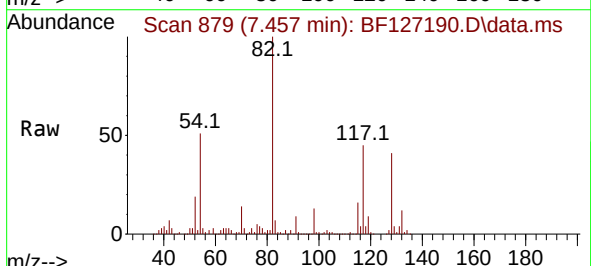
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BNA_F
ClientSampleId :
MW-39DL

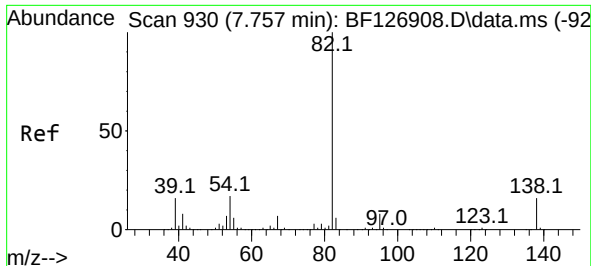
Tgt Ion:105 Resp: 115975
Ion Ratio Lower Upper
105 100
71 0.5 5.4 8.0#
51 3.9 27.4 41.0#
120 0.4 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 41.734 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF127190.D
Acq: 04 Mar 2022 00:12

Tgt Ion: 82 Resp: 393149
Ion Ratio Lower Upper
82 100
128 40.8 32.7 49.1
54 51.0 41.7 62.5

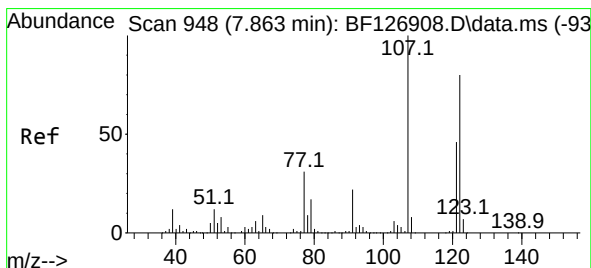
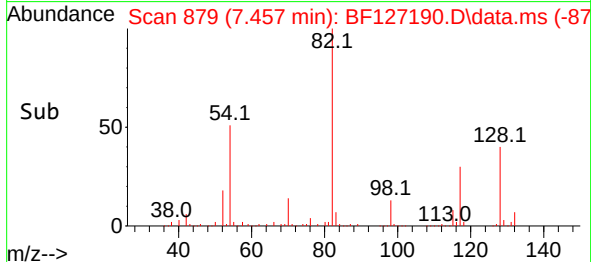
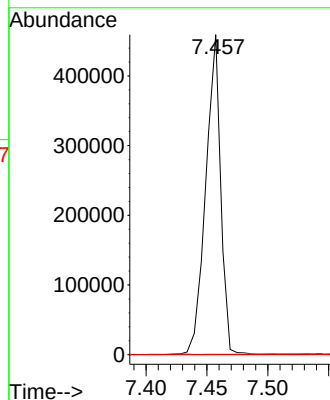
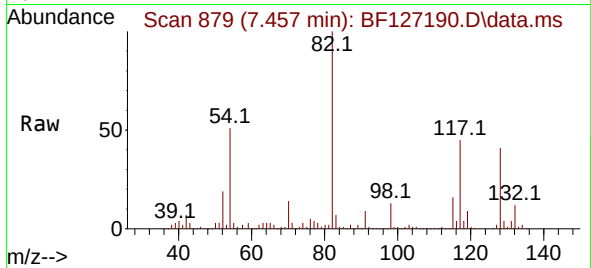




#25
Isophorone
Concen: 24.926 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127190.D
Acq: 04 Mar 2022 00:12

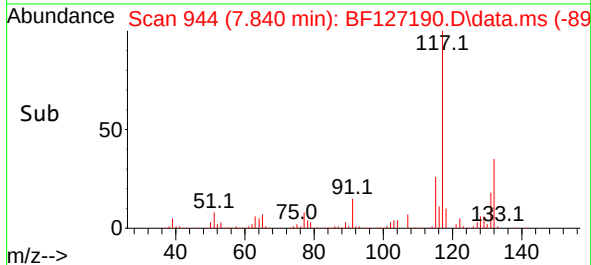
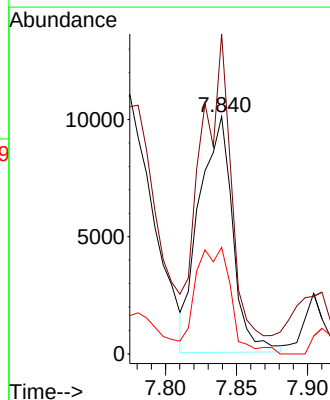
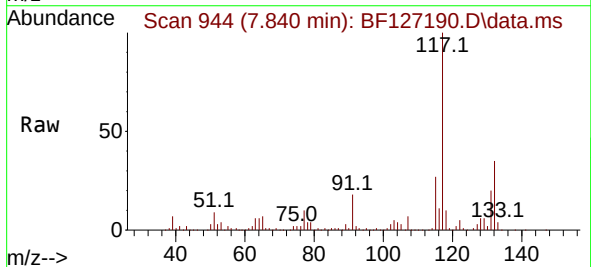
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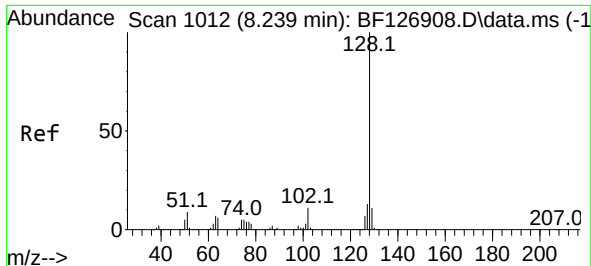
Tgt Ion: 82 Resp: 388549
Ion Ratio Lower Upper
82 100
95 0.1 5.0 7.4#
138 0.0 12.3 18.5#



#27
2,4-Dimethylphenol
Concen: 2.645 ng
RT: 7.840 min Scan# 944
Delta R.T. 0.012 min
Lab File: BF127190.D
Acq: 04 Mar 2022 00:12

Tgt Ion: 122 Resp: 16461
Ion Ratio Lower Upper
122 100
107 134.8 91.2 136.8
121 44.9 44.4 66.6

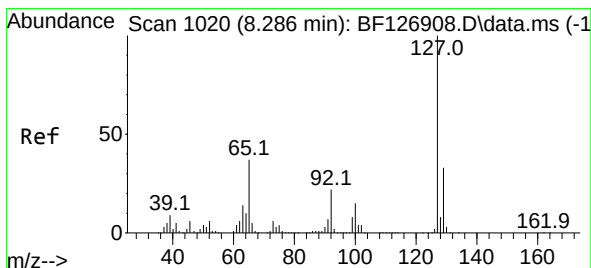
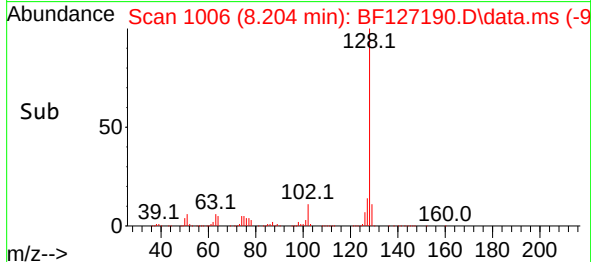
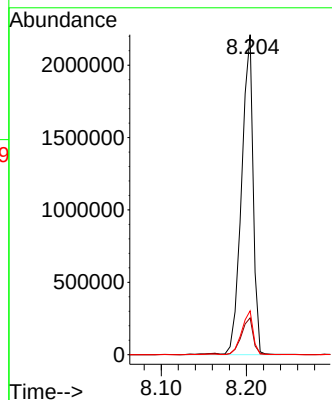
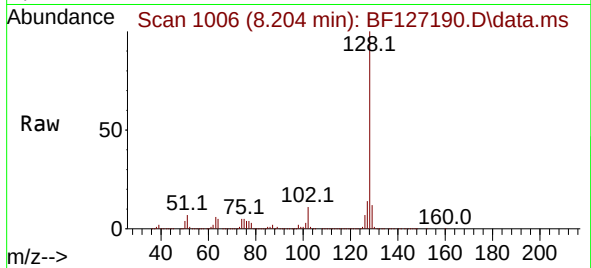




#31
Naphthalene
Concen: 94.002 ng
RT: 8.204 min Scan# 1006
Delta R.T. 0.006 min
Lab File: BF127190.D
Acq: 04 Mar 2022 00:12

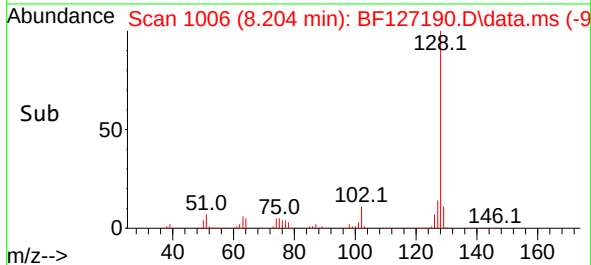
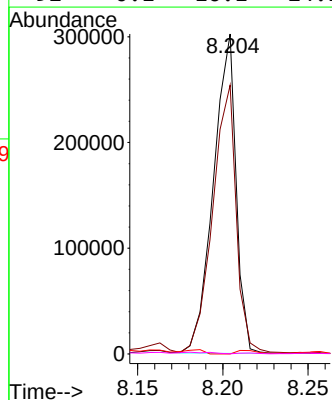
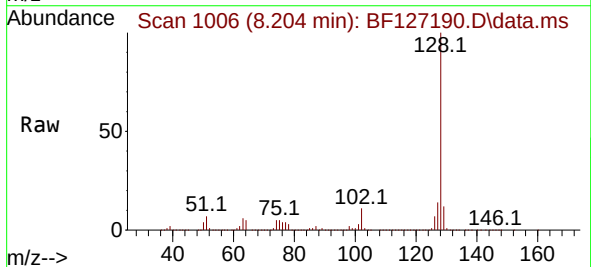
Instrument :
BNA_F
ClientSampleId :
MW-39DL

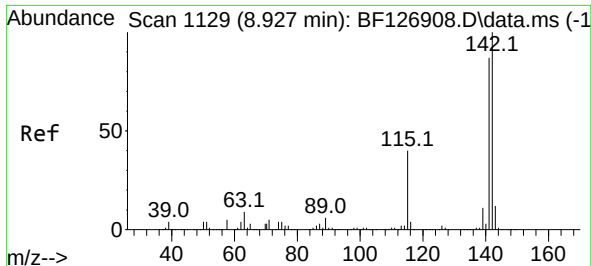
Tgt Ion:128 Resp: 2086516
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.7 10.3 15.5



#33
4-Chloroaniline
Concen: 31.954 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.041 min
Lab File: BF127190.D
Acq: 04 Mar 2022 00:12

Tgt Ion:127 Resp: 279169
Ion Ratio Lower Upper
127 100
129 84.0 26.5 39.7#
65 0.0 26.6 39.8#
92 0.1 16.1 24.1#

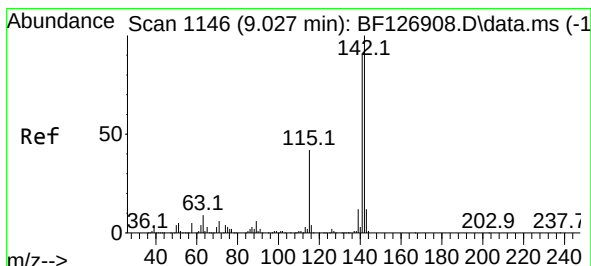
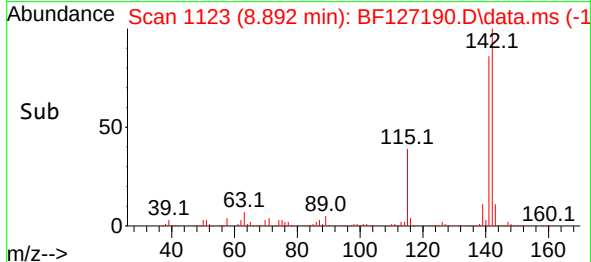
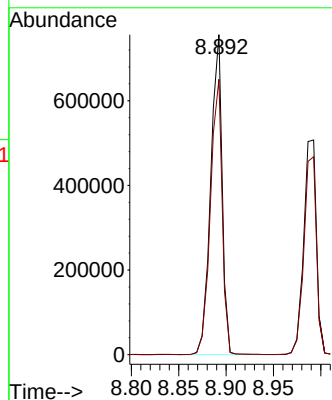
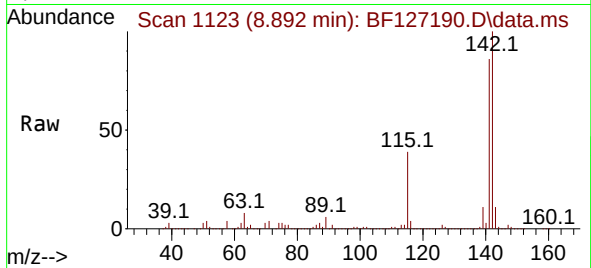




#37
2-Methylnaphthalene
Concen: 43.875 ng
RT: 8.892 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BF127190.D
Acq: 04 Mar 2022 00:12

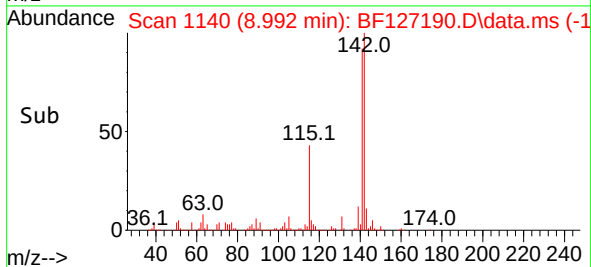
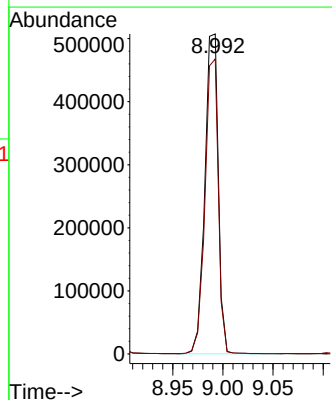
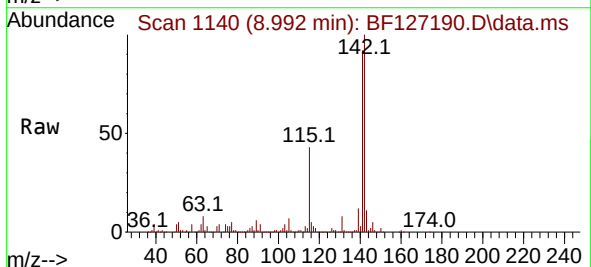
Instrument :
BNA_F
ClientSampleId :
MW-39DL

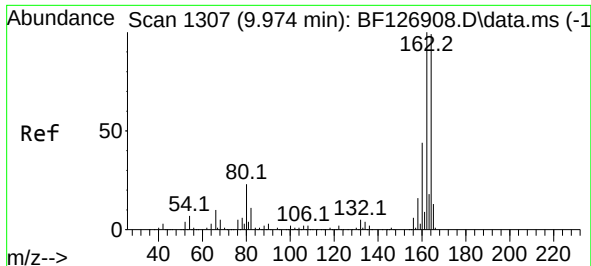
Tgt Ion:142 Resp: 631930
Ion Ratio Lower Upper
142 100
141 86.1 68.6 102.8



#38
1-Methylnaphthalene
Concen: 34.581 ng
RT: 8.992 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF127190.D
Acq: 04 Mar 2022 00:12

Tgt Ion:142 Resp: 476946
Ion Ratio Lower Upper
142 100
141 92.2 72.1 108.1

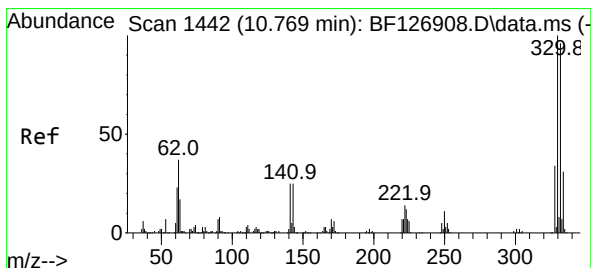
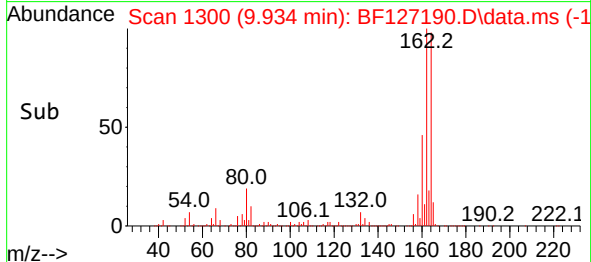
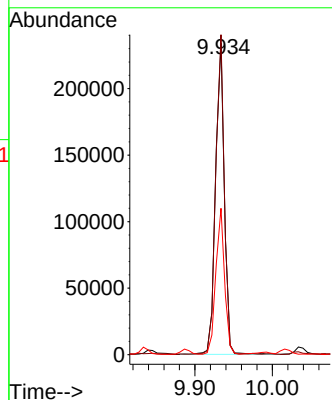
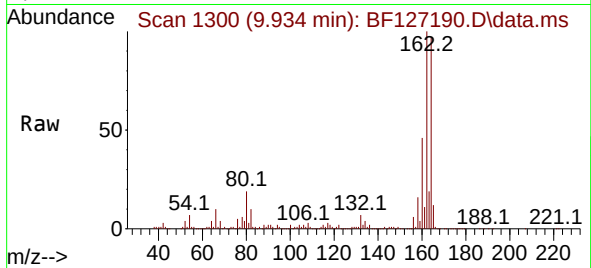




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127190.D
Acq: 04 Mar 2022 00:12

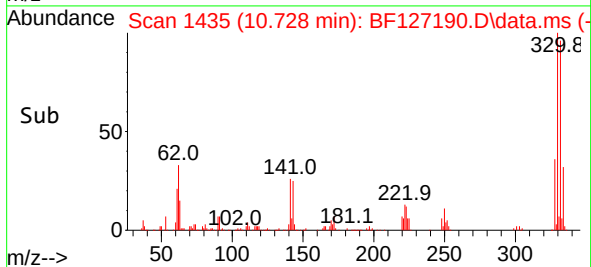
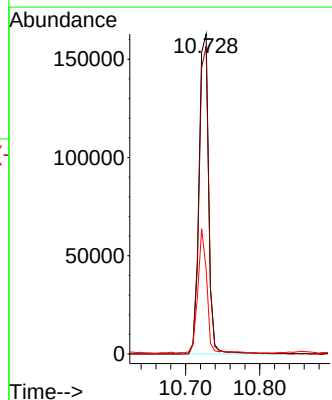
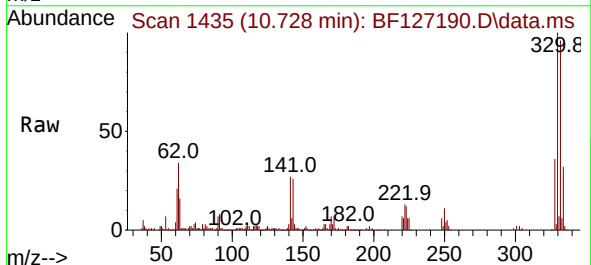
Instrument :
BNA_F
ClientSampleId :
MW-39DL

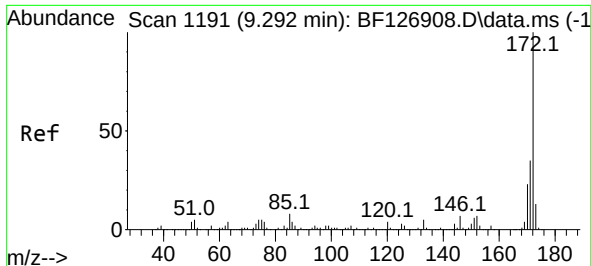
Tgt Ion:164 Resp: 185776
Ion Ratio Lower Upper
164 100
162 102.7 81.4 122.0
160 47.0 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 68.657 ng
RT: 10.728 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF127190.D
Acq: 04 Mar 2022 00:12

Tgt Ion:330 Resp: 146855
Ion Ratio Lower Upper
330 100
332 95.3 76.0 114.0
141 35.5 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 50.874 ng

RT: 9.251 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF127190.D

Acq: 04 Mar 2022 00:12

Instrument :

BNA_F

ClientSampleId :

MW-39DL

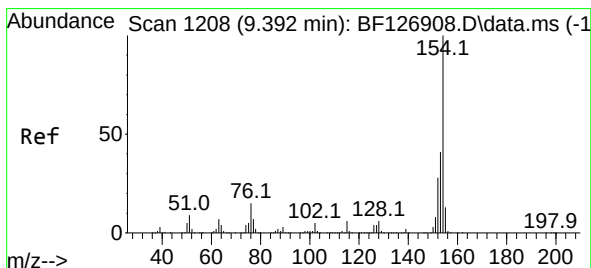
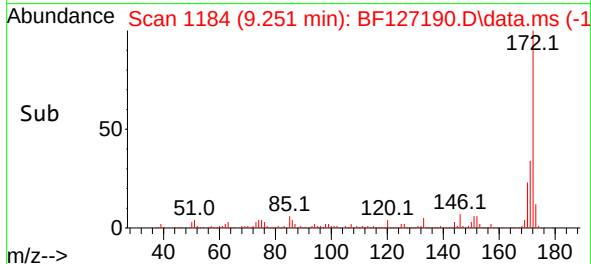
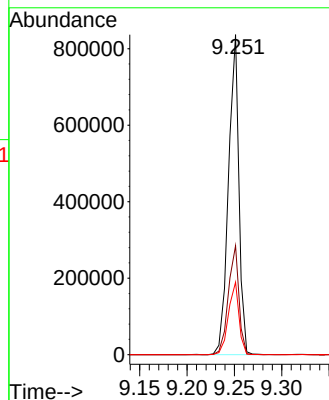
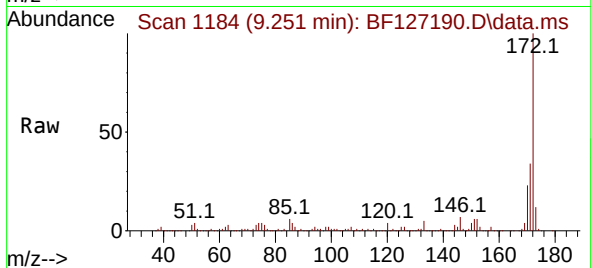
Tgt Ion:172 Resp: 641995

Ion Ratio Lower Upper

172 100

171 34.0 28.3 42.5

170 22.7 19.0 28.6



#46

1,1'-Biphenyl

Concen: 3.987 ng

RT: 9.351 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF127190.D

Acq: 04 Mar 2022 00:12

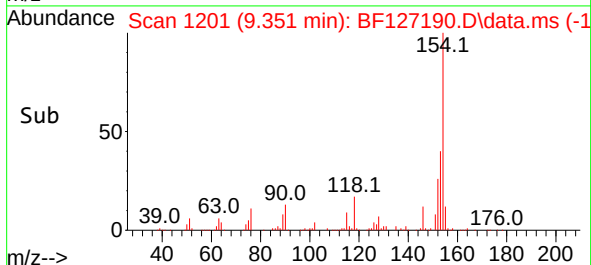
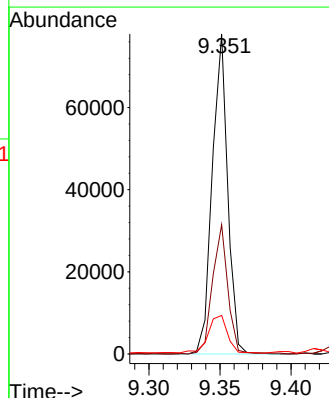
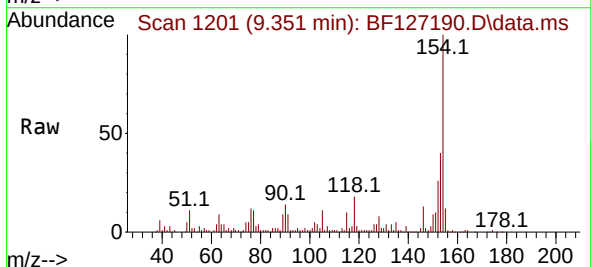
Tgt Ion:154 Resp: 58679

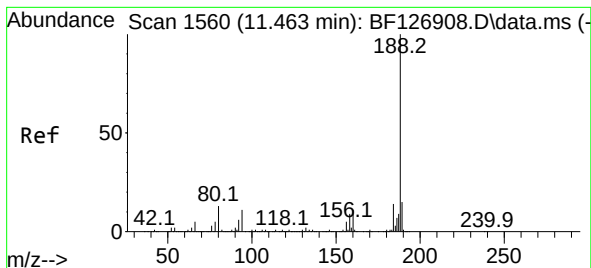
Ion Ratio Lower Upper

154 100

153 40.4 19.0 59.0

76 12.0 0.0 34.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127190.D

Acq: 04 Mar 2022 00:12

Instrument :

BNA_F

ClientSampleId :

MW-39DL

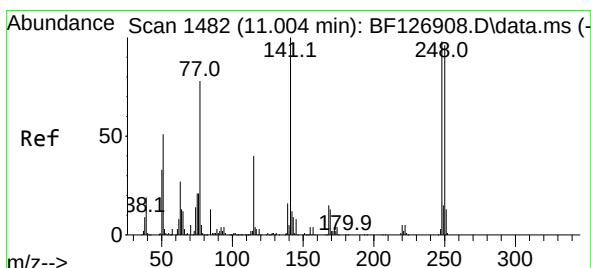
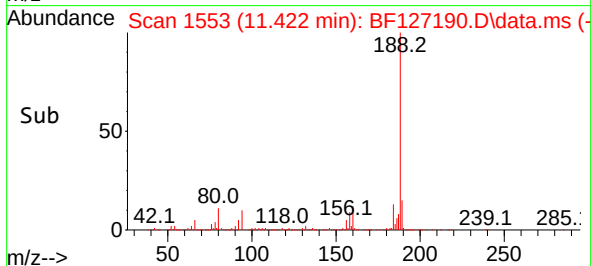
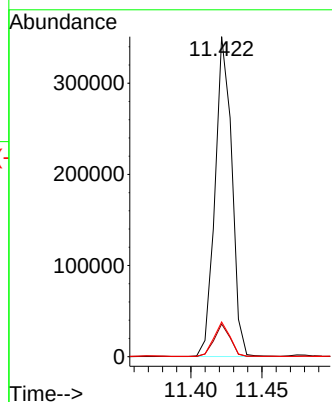
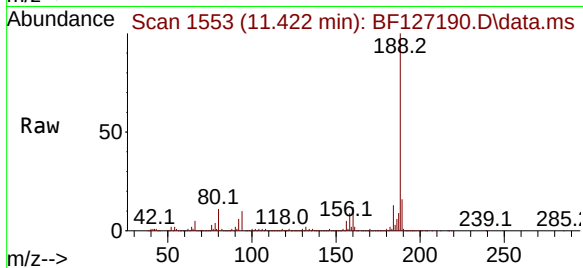
Tgt Ion:188 Resp: 287967

Ion Ratio Lower Upper

188 100

94 10.2 10.1 15.1

80 10.9 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 2.745 ng

RT: 10.722 min Scan# 1434

Delta R.T. -0.247 min

Lab File: BF127190.D

Acq: 04 Mar 2022 00:12

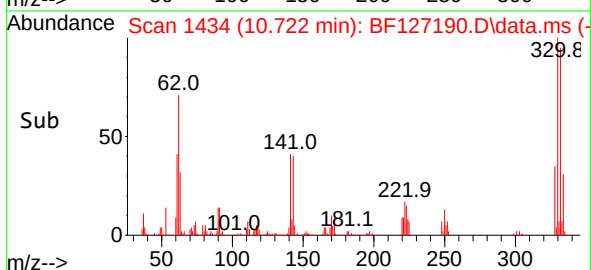
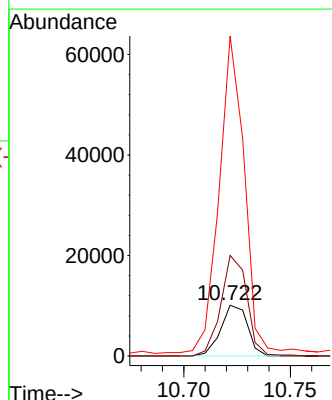
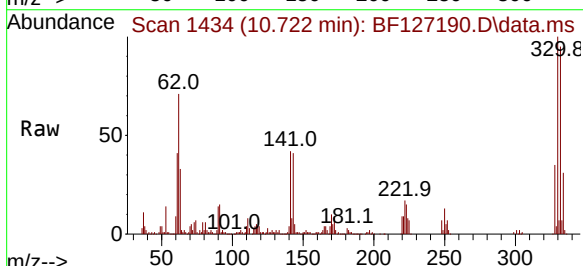
Tgt Ion:248 Resp: 8833

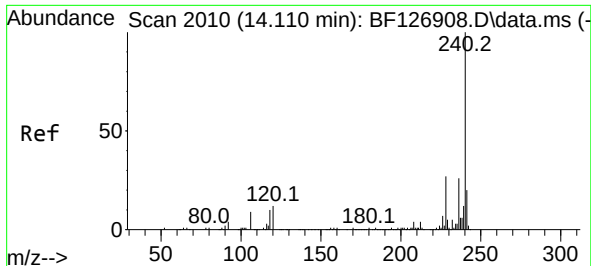
Ion Ratio Lower Upper

248 100

250 198.3 76.2 114.4#

141 631.0 66.2 99.4#

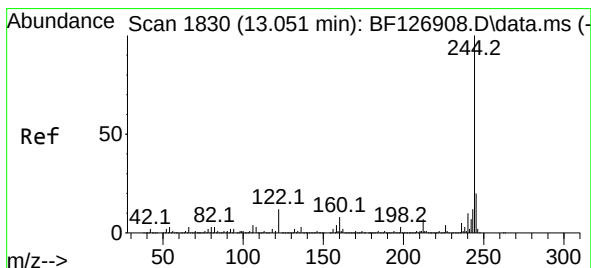
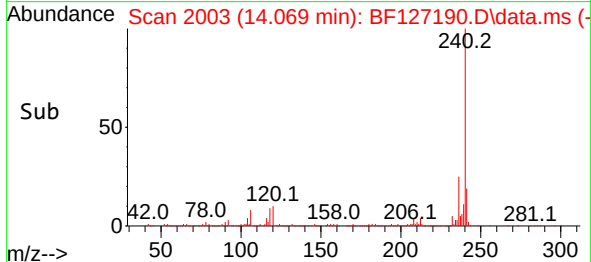
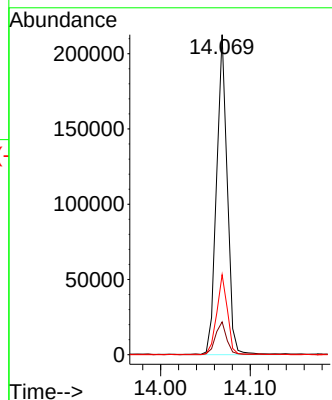
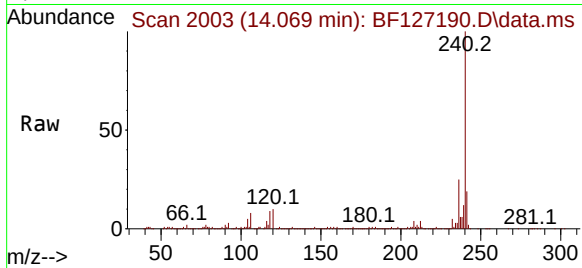




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127190.D
Acq: 04 Mar 2022 00:12

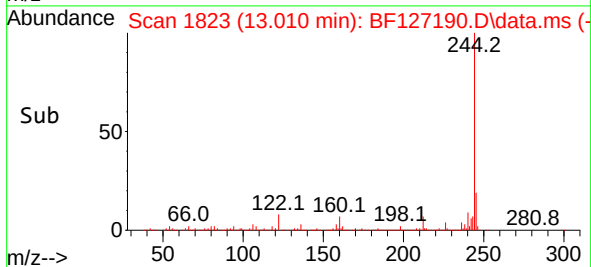
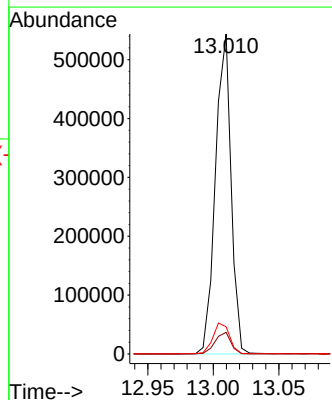
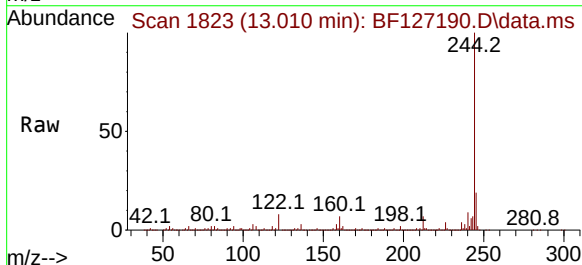
Instrument :
BNA_F
ClientSampleId :
MW-39DL

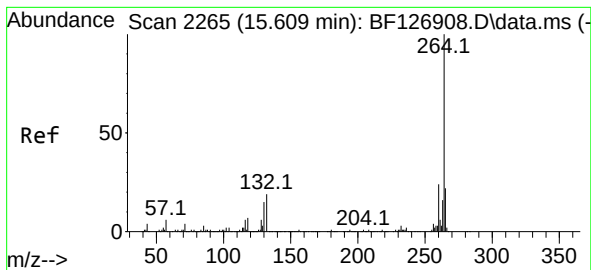
Tgt Ion:240 Resp: 176792
Ion Ratio Lower Upper
240 100
120 10.3 14.4 21.6#
236 25.0 20.5 30.7



#79
Terphenyl-d14
Concen: 37.478 ng
RT: 13.010 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF127190.D
Acq: 04 Mar 2022 00:12

Tgt Ion:244 Resp: 450724
Ion Ratio Lower Upper
244 100
212 6.7 5.0 7.4
122 8.5 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127190.D
Acq: 04 Mar 2022 00:12

Instrument :
BNA_F
ClientSampleId :
MW-39DL

Tgt Ion:264 Resp: 149384
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 21.5 17.4 26.2

