

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
 Data File : BF127126.D
 Acq On : 01 Mar 2022 20:00
 Operator : CG\JU
 Sample : N1688-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-23

Quant Time: Mar 02 00:01:51 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)

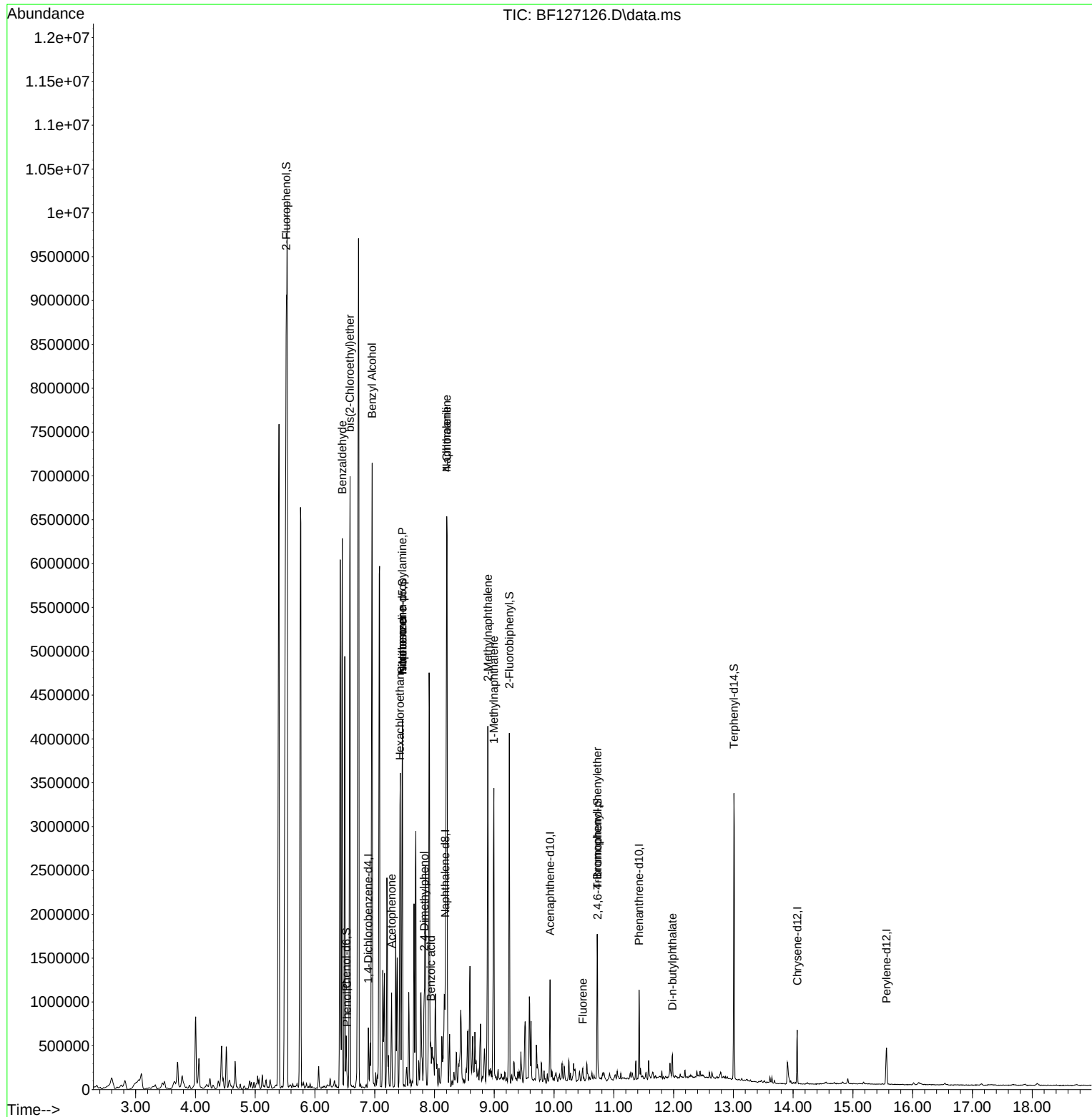
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	89501	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	354880	20.000	ng	# 0.00
39) Acenaphthene-d10	9.934	164	186702	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	334296	20.000	ng	# 0.00
76) Chrysene-d12	14.069	240	188507	20.000	ng	# 0.00
86) Perylene-d12	15.563	264	173479	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	154772	26.727	ng	0.01
7) Phenol-d6	6.522	99	179788	23.009	ng	0.00
23) Nitrobenzene-d5	7.463	82	661064	84.081	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	183038	85.149	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1108535	87.409	ng	0.00
79) Terphenyl-d14	13.010	244	1130440	88.155	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.457	77	264524	55.615	ng	# 1
10) Phenol	6.534	94	36852	4.668	ng	83
11) bis(2-Chloroethyl)ether	6.587	93	13830	2.233	ng	# 1
15) Benzyl Alcohol	6.957	79	272635	41.417	ng	# 9
18) Hexachloroethane	7.422	117	312500	119.983	ng	# 1
19) n-Nitroso-di-n-propyla...	7.463	70	92309	18.333	ng	# 79
22) Acetophenone	7.281	105	381344	40.813	ng	# 54
24) Nitrobenzene	7.463	77	50661	6.821	ng	# 5
25) Isophorone	7.463	82	656052	50.427	ng	# 69
27) 2,4-Dimethylphenol	7.828	122	173566	33.410	ng	91
31) Naphthalene	8.204	128	3683143	198.816	ng	96
32) Benzoic acid	7.940	122	21994	5.970	ng	# 46
33) 4-Chloroaniline	8.204	127	530358	72.734	ng	# 30
37) 2-Methylnaphthalene	8.892	142	1092908	90.919	ng	99
38) 1-Methylnaphthalene	8.992	142	804435	69.884	ng	99
58) Fluorene	10.481	166	31084	2.504	ng	97
67) 4-Bromophenyl-phenylether	10.722	248	10817	2.896	ng	# 1
74) Di-n-butylphthalate	11.980	149	126231	5.748	ng	99

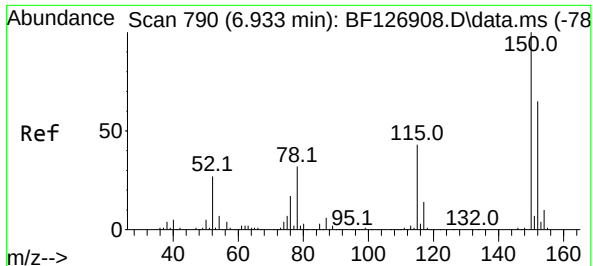
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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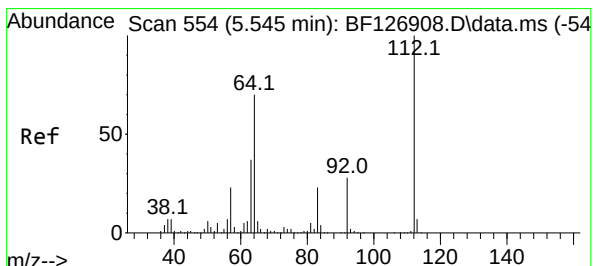
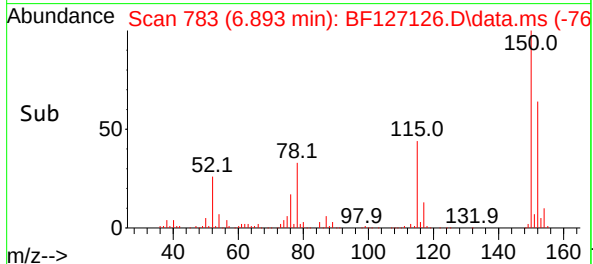
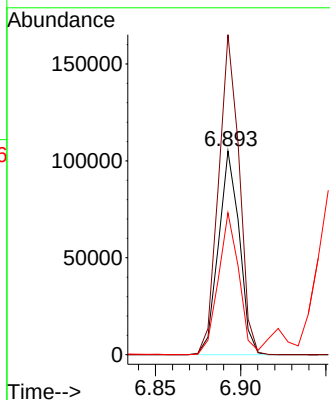
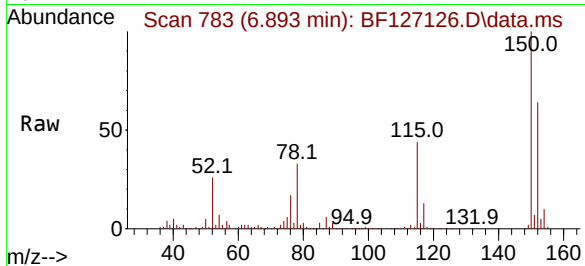




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 790
Delta R.T. -0.000 min
Lab File: BF127126.D
Acq: 01 Mar 2022 20:00

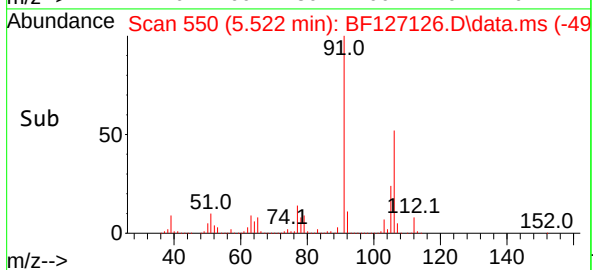
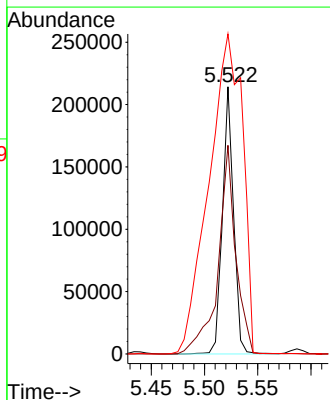
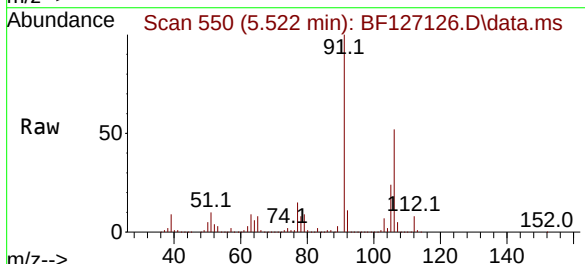
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BNA_F
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MW-23

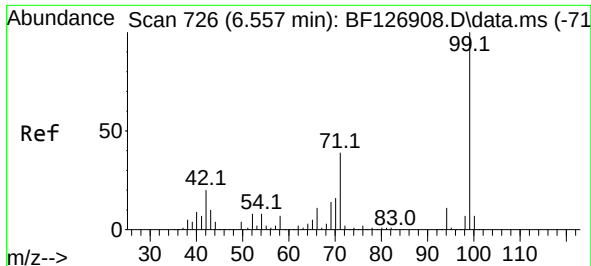
Tgt Ion:152 Resp: 89501
Ion Ratio Lower Upper
152 100
150 157.1 128.1 192.1
115 69.7 56.7 85.1



#5
2-Fluorophenol
Concen: 26.727 ng
RT: 5.522 min Scan# 550
Delta R.T. 0.012 min
Lab File: BF127126.D
Acq: 01 Mar 2022 20:00

Tgt Ion:112 Resp: 154772
Ion Ratio Lower Upper
112 100
64 78.1 49.5 74.3#
63 119.7 23.9 35.9#

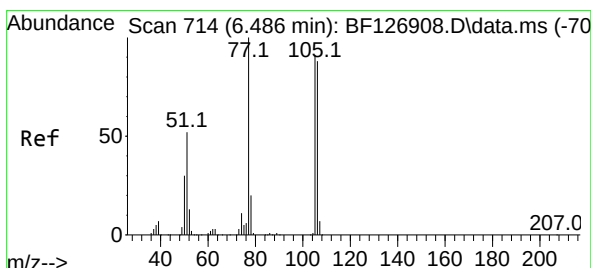
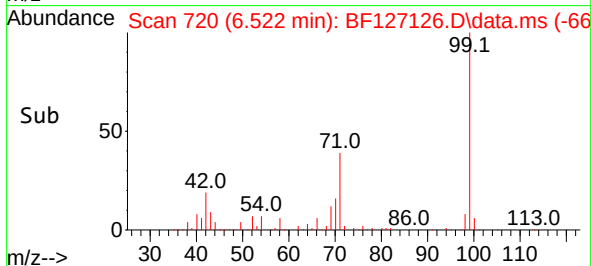
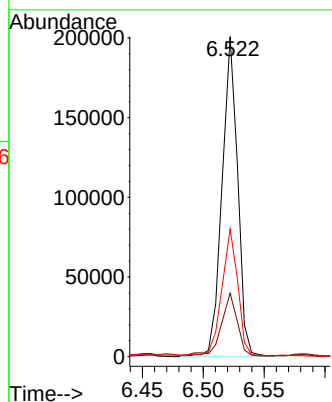
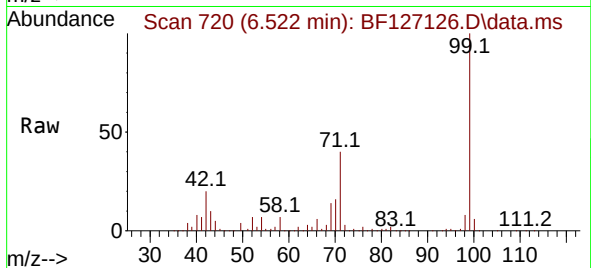




#7
Phenol-d6
Concen: 23.009 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127126.D
Acq: 01 Mar 2022 20:00

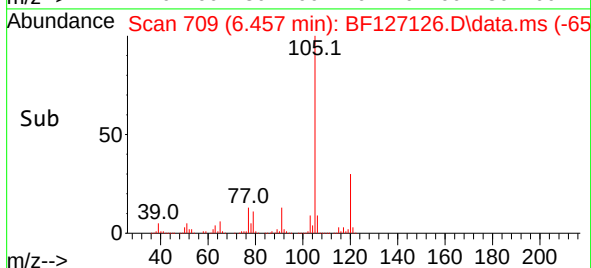
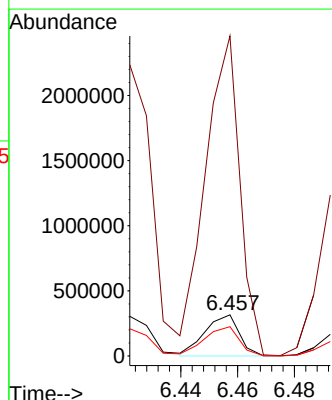
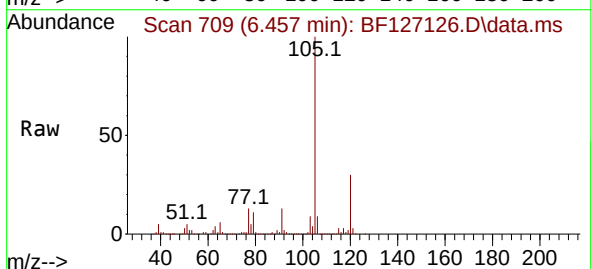
Instrument :
BNA_F
ClientSampleId :
MW-23

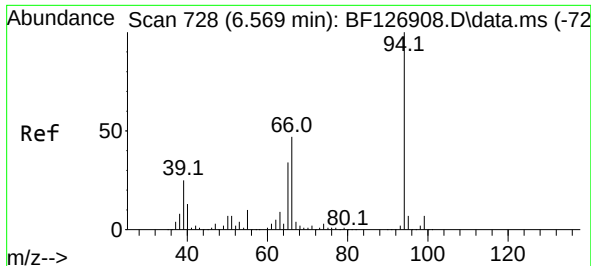
Tgt Ion: 99 Resp: 179788
Ion Ratio Lower Upper
99 100
42 19.8 14.2 21.4
71 39.9 24.3 36.5#



#9
Benzaldehyde
Concen: 55.615 ng
RT: 6.457 min Scan# 709
Delta R.T. 0.012 min
Lab File: BF127126.D
Acq: 01 Mar 2022 20:00

Tgt Ion: 77 Resp: 264524
Ion Ratio Lower Upper
77 100
105 778.6 74.9 114.9#
106 71.2 72.4 112.4#





#10

Phenol

Concen: 4.668 ng

RT: 6.534 min Scan# 710

Delta R.T. -0.006 min

Lab File: BF127126.D

Acq: 01 Mar 2022 20:00

Instrument :

BNA_F

ClientSampleId :

MW-23

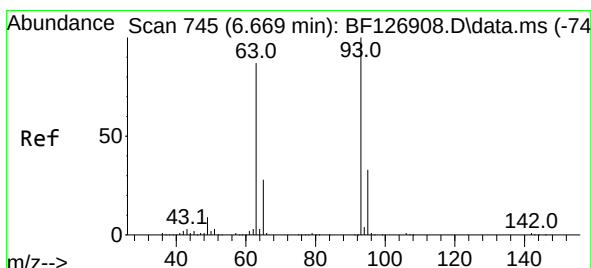
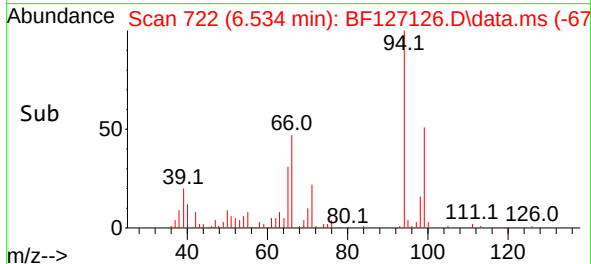
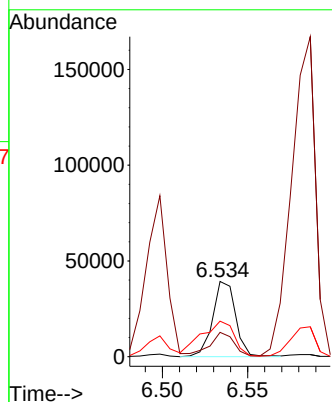
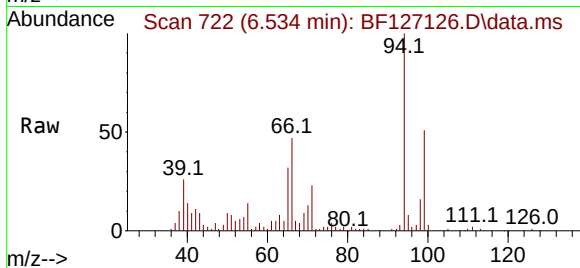
Tgt Ion: 94 Resp: 36852

Ion Ratio Lower Upper

94 100

65 32.2 7.2 47.2

66 47.2 14.5 54.5



#11

bis(2-Chloroethyl)ether

Concen: 2.233 ng

RT: 6.587 min Scan# 731

Delta R.T. -0.041 min

Lab File: BF127126.D

Acq: 01 Mar 2022 20:00

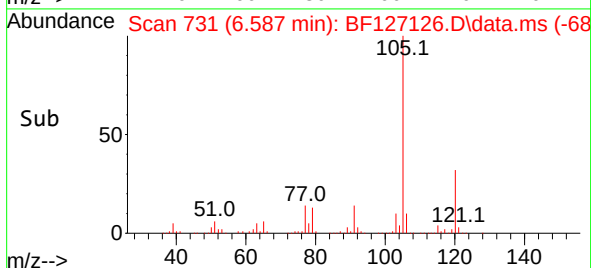
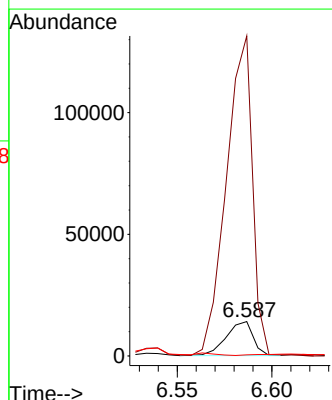
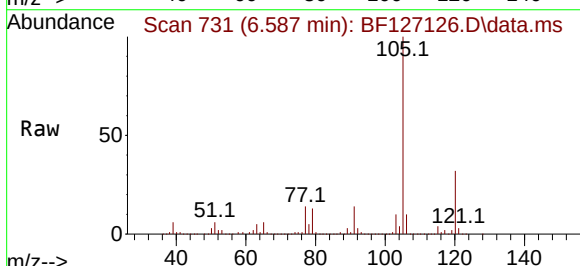
Tgt Ion: 93 Resp: 13830

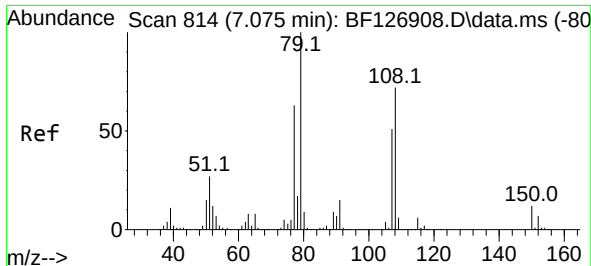
Ion Ratio Lower Upper

93 100

63 932.0 60.5 100.5#

95 3.2 12.9 52.9#

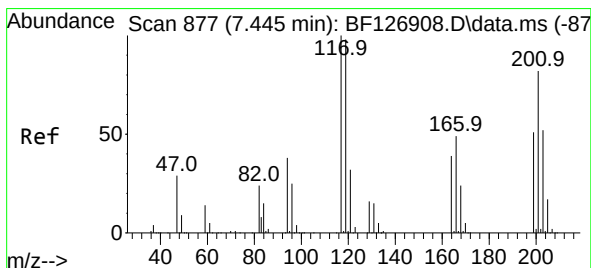
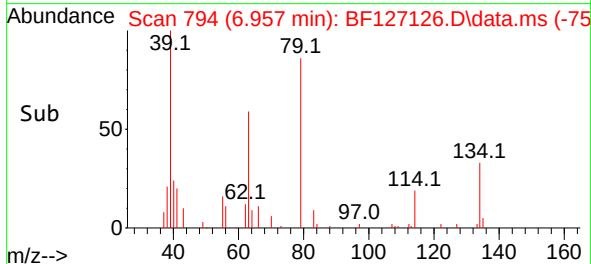
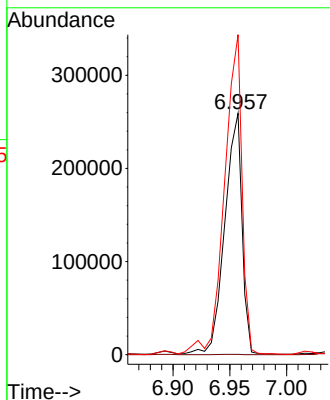
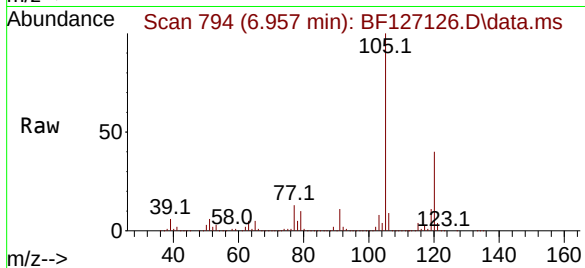




#15
Benzyl Alcohol
Concen: 41.417 ng
RT: 6.957 min Scan# 79
Delta R.T. -0.076 min
Lab File: BF127126.D
Acq: 01 Mar 2022 20:00

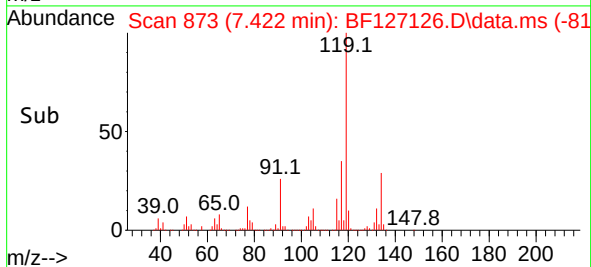
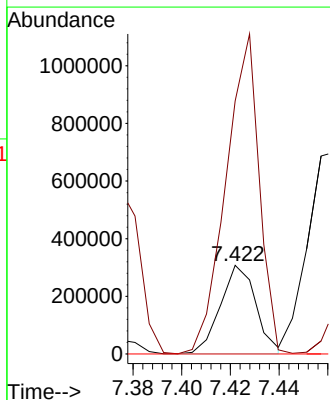
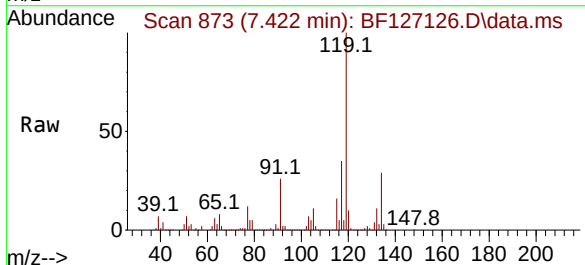
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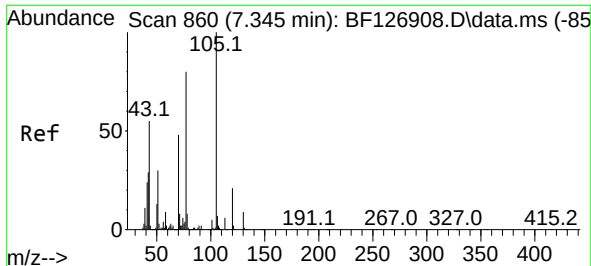
Tgt Ion: 79 Resp: 272635
Ion Ratio Lower Upper
79 100
108 0.1 63.2 94.8#
77 132.6 49.4 74.2#



#18
Hexachloroethane
Concen: 119.983 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.018 min
Lab File: BF127126.D
Acq: 01 Mar 2022 20:00

Tgt Ion: 117 Resp: 312500
Ion Ratio Lower Upper
117 100
119 285.5 75.4 113.0#
201 0.0 56.8 85.2#

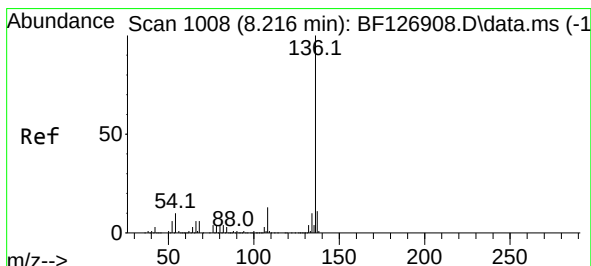
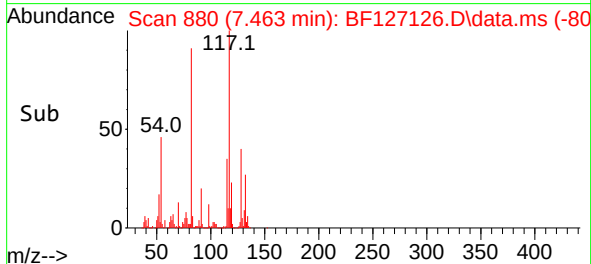
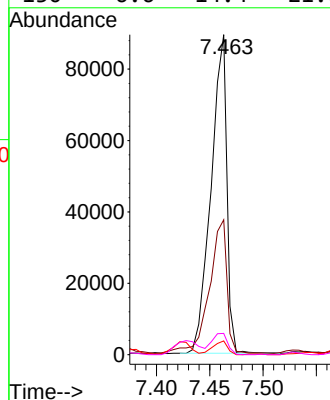
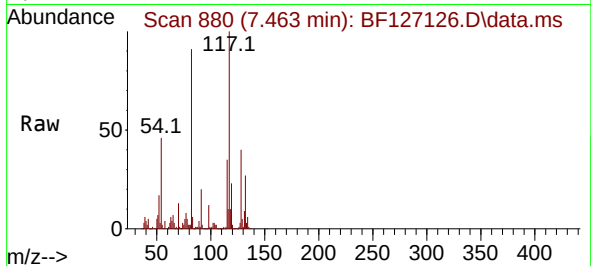




#19
n-Nitroso-di-n-propylamine
Concen: 18.333 ng
RT: 7.463 min Scan# 81
Delta R.T. 0.159 min
Lab File: BF127126.D
Acq: 01 Mar 2022 20:00

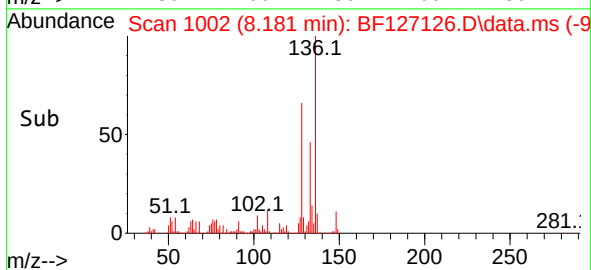
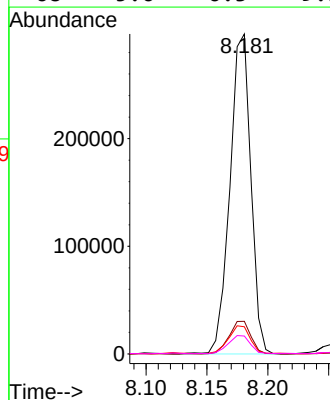
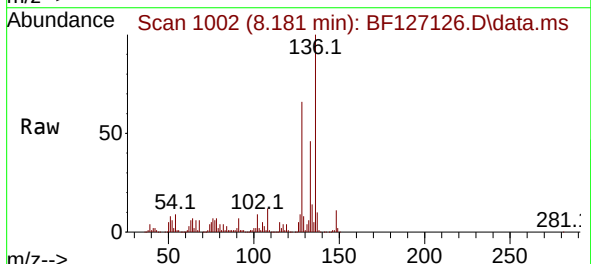
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MW-23

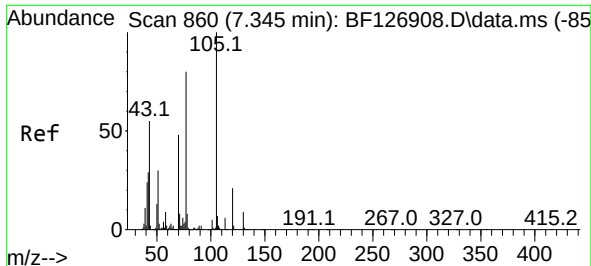
Tgt Ion:	70	Resp:	92309
Ion	Ratio	Lower	Upper
70	100		
42	42.1	45.8	68.8#
101	4.3	6.9	10.3#
130	6.6	14.4	21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1002
Delta R.T. 0.006 min
Lab File: BF127126.D
Acq: 01 Mar 2022 20:00

Tgt Ion:	136	Resp:	354880
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.6	13.0
54	8.5	7.8	11.6
68	5.6	6.3	9.5#

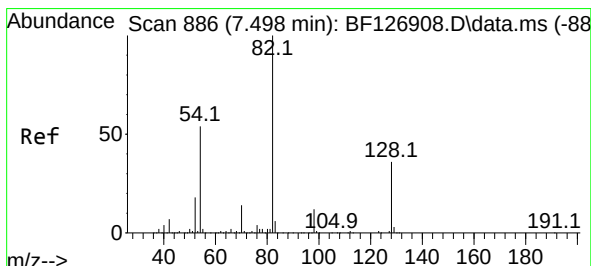
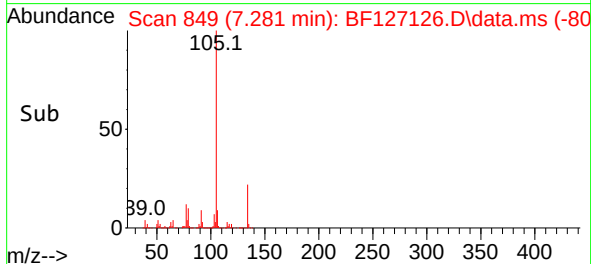
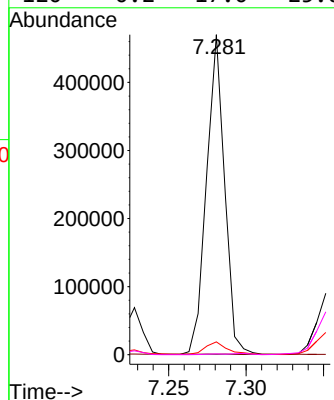
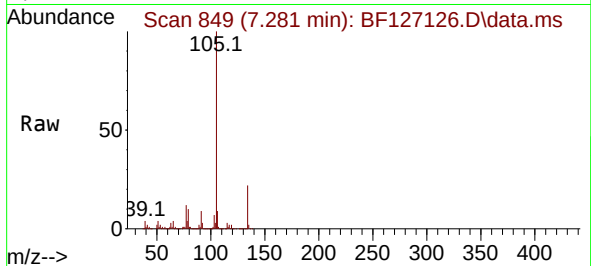




#22
Acetophenone
Concen: 40.813 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.023 min
Lab File: BF127126.D
Acq: 01 Mar 2022 20:00

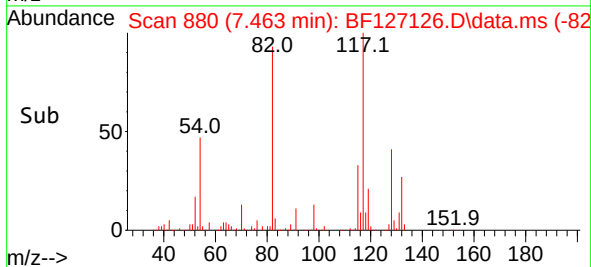
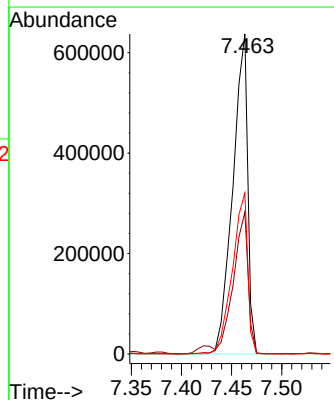
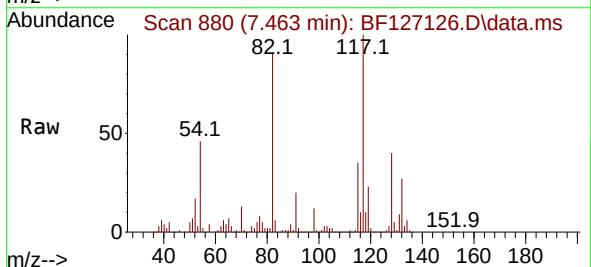
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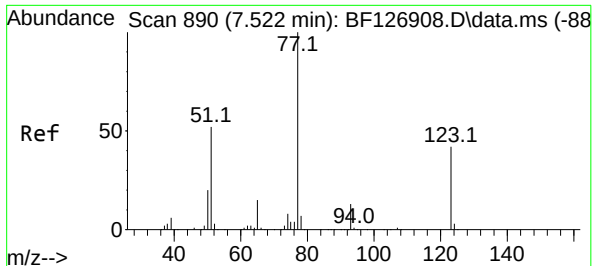
Tgt Ion:105 Resp: 381344
Ion Ratio Lower Upper
105 100
71 0.1 5.4 8.0#
51 4.0 27.4 41.0#
120 0.2 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 84.081 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.000 min
Lab File: BF127126.D
Acq: 01 Mar 2022 20:00

Tgt Ion: 82 Resp: 661064
Ion Ratio Lower Upper
82 100
128 44.4 32.7 49.1
54 50.3 41.7 62.5

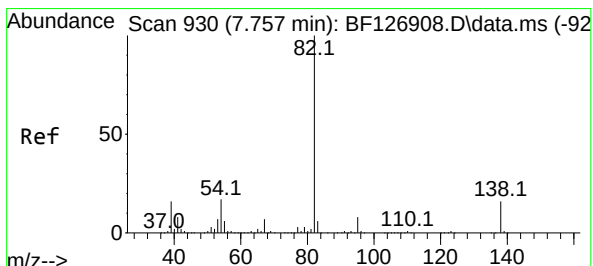
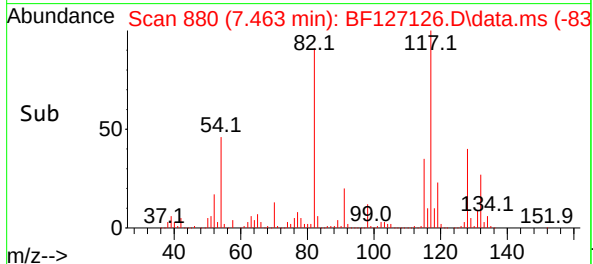
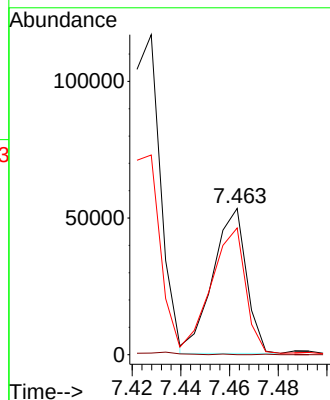
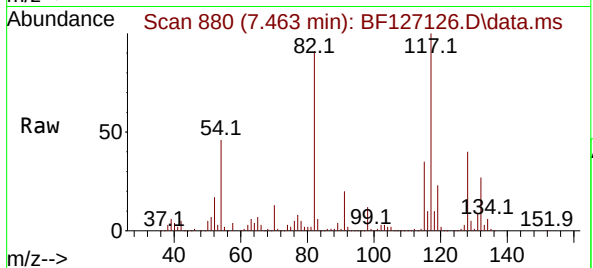




#24
Nitrobenzene
Concen: 6.821 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.018 min
Lab File: BF127126.D
Acq: 01 Mar 2022 20:00

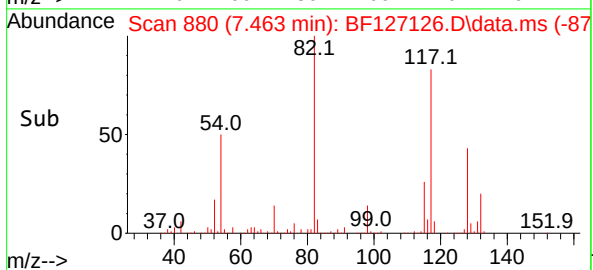
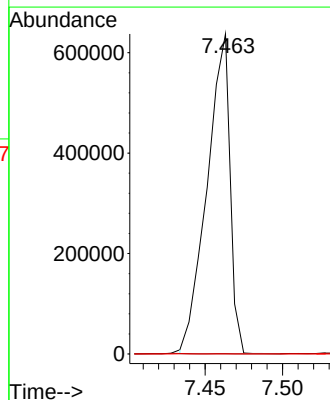
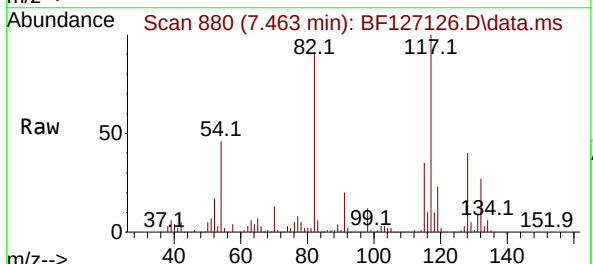
Instrument :
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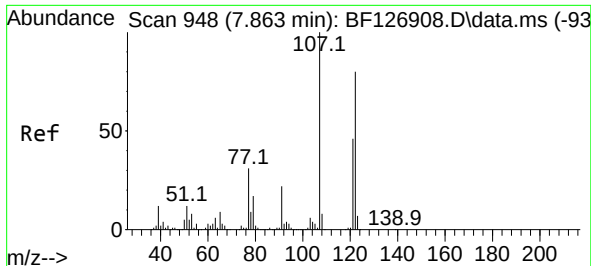
Tgt Ion: 77 Resp: 50661
Ion Ratio Lower Upper
77 100
123 0.0 34.6 52.0#
65 86.6 10.6 15.8#



#25
Isophorone
Concen: 50.427 ng
RT: 7.463 min Scan# 880
Delta R.T. -0.253 min
Lab File: BF127126.D
Acq: 01 Mar 2022 20:00

Tgt Ion: 82 Resp: 656052
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: 33.410 ng

RT: 7.828 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF127126.D

Acq: 01 Mar 2022 20:00

Instrument :

BNA_F

ClientSampleId :

MW-23

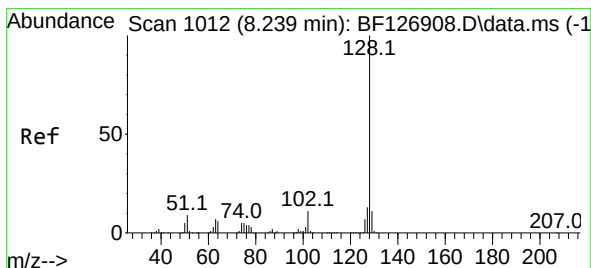
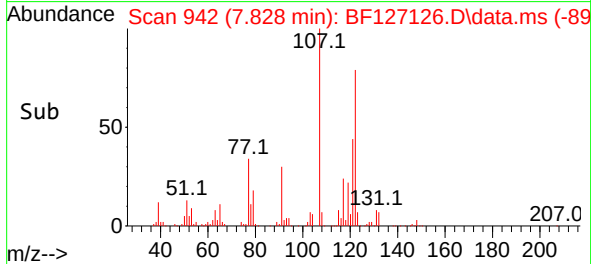
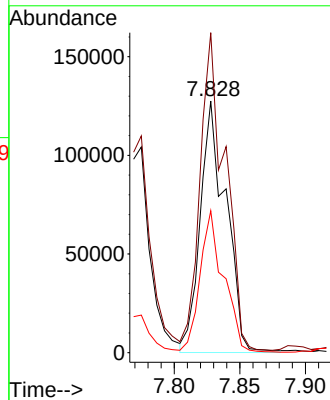
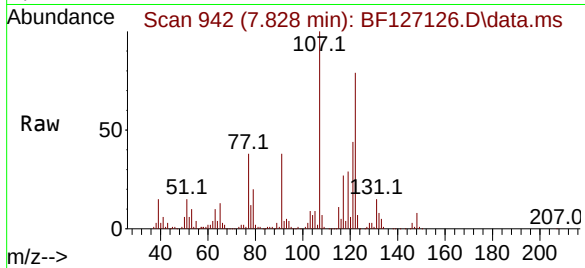
Tgt Ion:122 Resp: 173566

Ion Ratio Lower Upper

122 100

107 127.2 91.2 136.8

121 56.4 44.4 66.6



#31

Naphthalene

Concen: 198.816 ng

RT: 8.204 min Scan# 1006

Delta R.T. 0.006 min

Lab File: BF127126.D

Acq: 01 Mar 2022 20:00

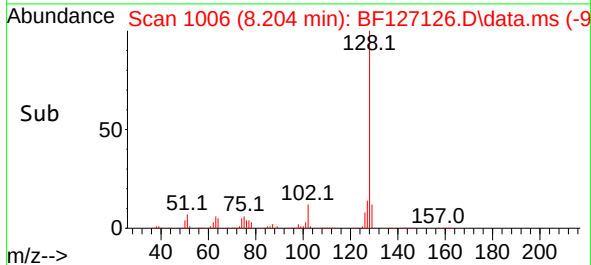
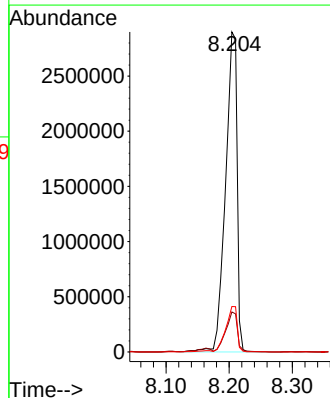
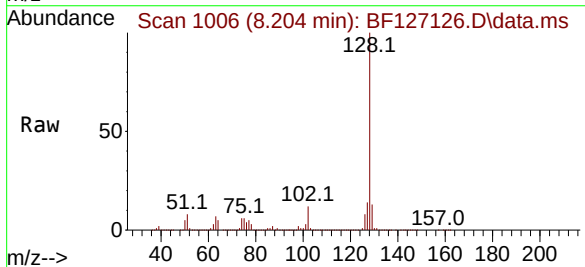
Tgt Ion:128 Resp: 3683143

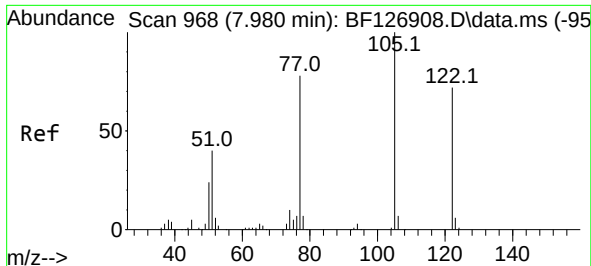
Ion Ratio Lower Upper

128 100

129 12.5 8.6 13.0

127 14.2 10.3 15.5

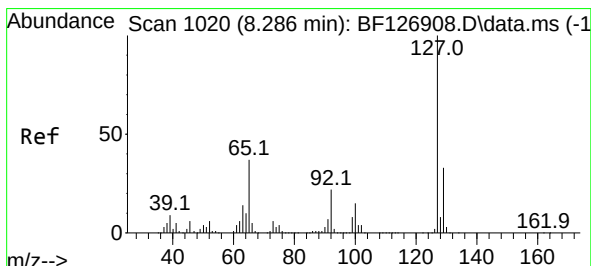
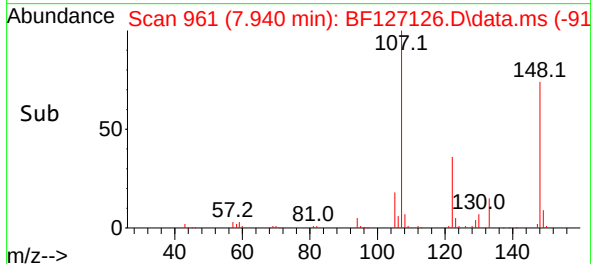
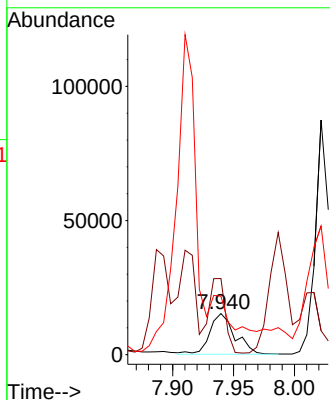
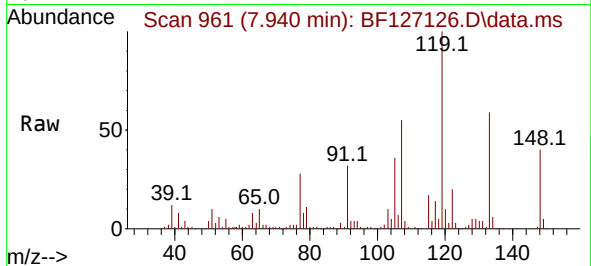




#32
Benzoic acid
Concen: 5.970 ng
RT: 7.940 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF127126.D
Acq: 01 Mar 2022 20:00

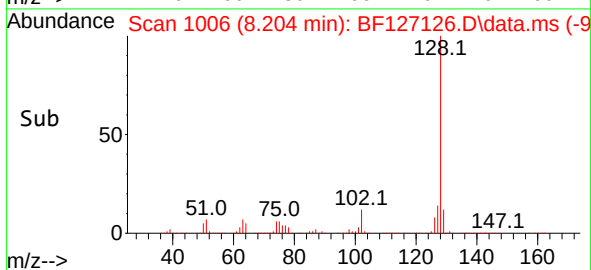
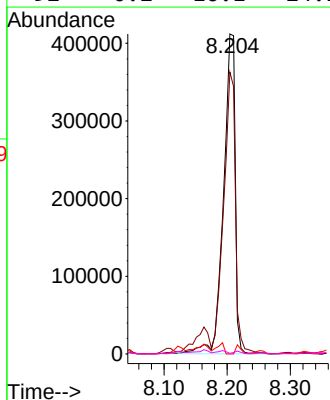
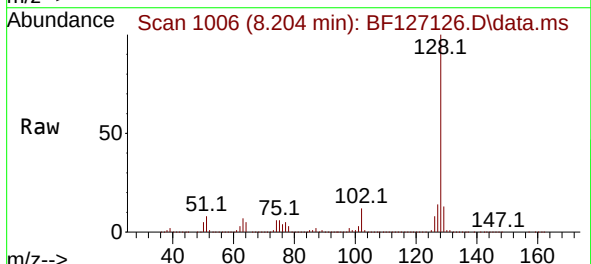
Instrument :
BNA_F
ClientSampleId :
MW-23

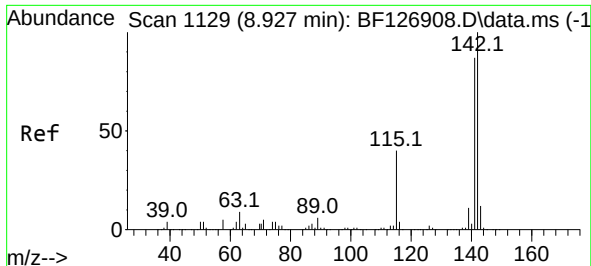
Tgt Ion:122 Resp: 21994
Ion Ratio Lower Upper
122 100
105 184.8 101.0 141.0#
77 142.3 74.5 114.5#



#33
4-Chloroaniline
Concen: 72.734 ng
RT: 8.204 min Scan# 1006
Delta R.T. -0.041 min
Lab File: BF127126.D
Acq: 01 Mar 2022 20:00

Tgt Ion:127 Resp: 530358
Ion Ratio Lower Upper
127 100
129 88.1 26.5 39.7#
65 0.0 26.6 39.8#
92 0.2 16.1 24.1#





#37

2-Methylnaphthalene

Concen: 90.919 ng

RT: 8.892 min Scan# 1129

Delta R.T. 0.000 min

Lab File: BF127126.D

Acq: 01 Mar 2022 20:00

Instrument :

BNA_F

ClientSampleId :

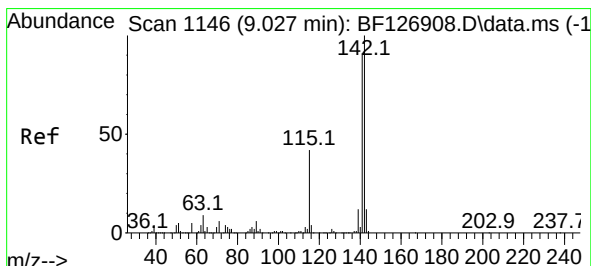
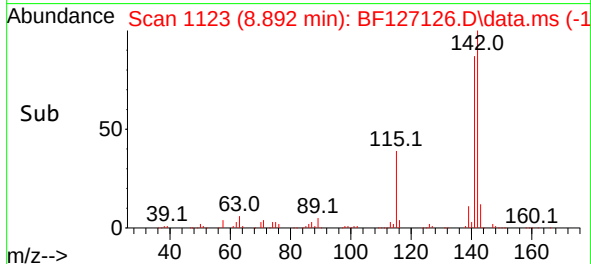
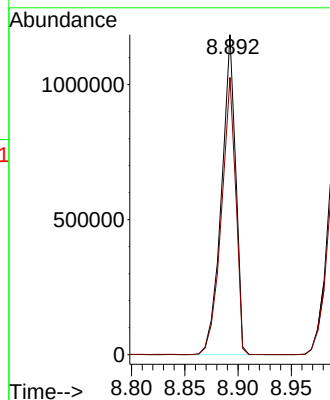
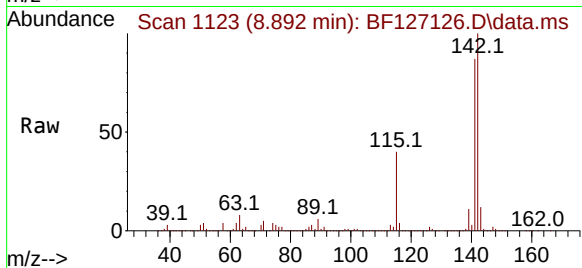
MW-23

Tgt Ion:142 Resp: 1092908

Ion Ratio Lower Upper

142 100

141 86.6 68.6 102.8



#38

1-Methylnaphthalene

Concen: 69.884 ng

RT: 8.992 min Scan# 1140

Delta R.T. 0.000 min

Lab File: BF127126.D

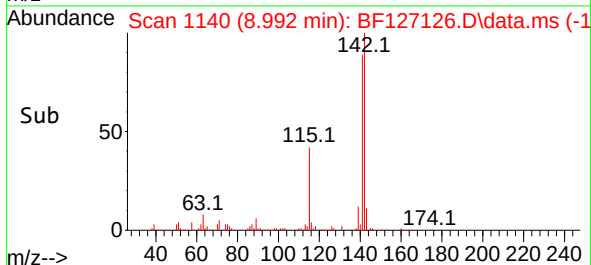
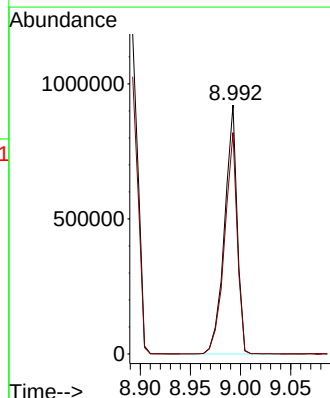
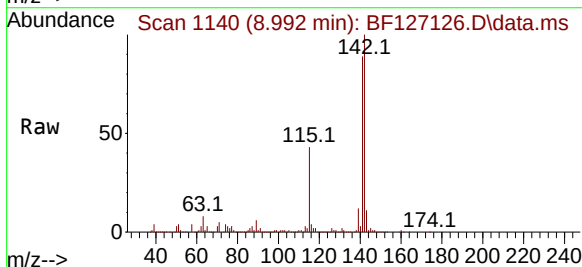
Acq: 01 Mar 2022 20:00

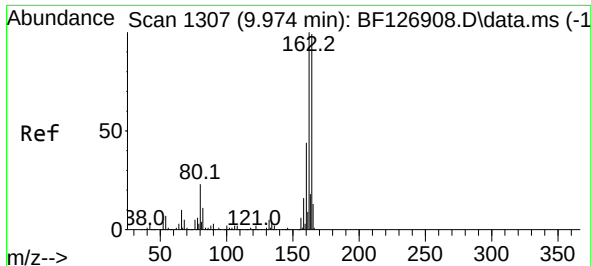
Tgt Ion:142 Resp: 804435

Ion Ratio Lower Upper

142 100

141 88.9 72.1 108.1

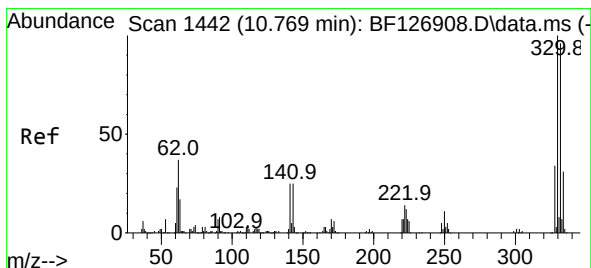
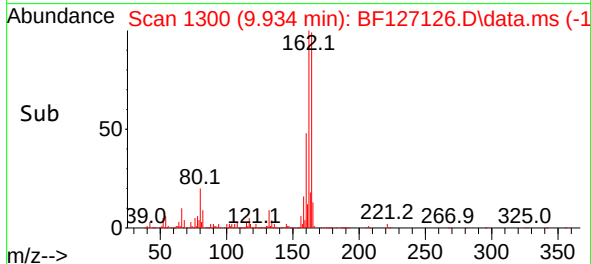
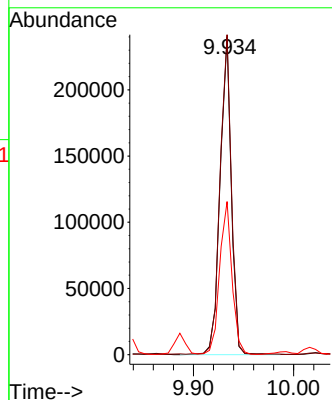
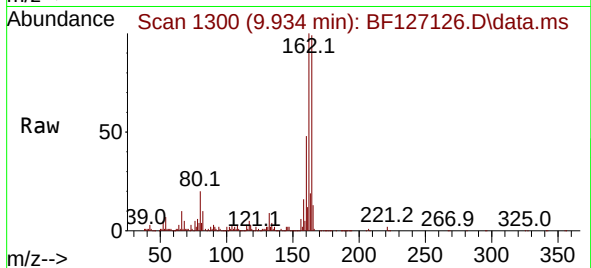




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127126.D
Acq: 01 Mar 2022 20:00

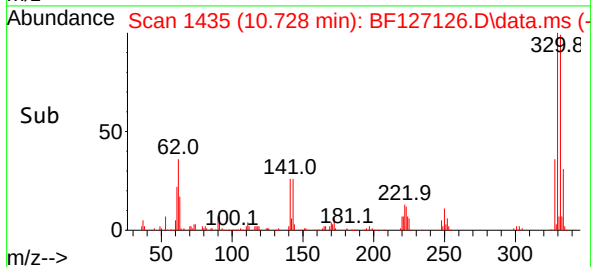
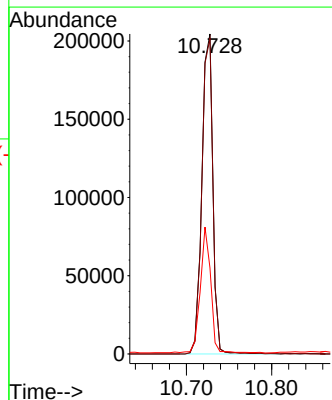
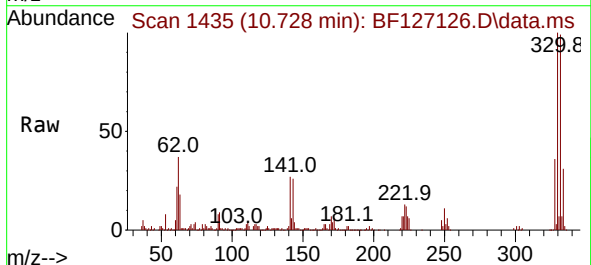
Instrument :
BNA_F
ClientSampleId :
MW-23

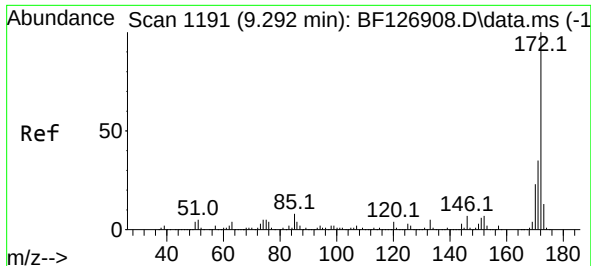
Tgt Ion:164 Resp: 186702
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.0
160 48.2 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 85.149 ng
RT: 10.728 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF127126.D
Acq: 01 Mar 2022 20:00

Tgt Ion:330 Resp: 183038
Ion Ratio Lower Upper
330 100
332 98.7 76.0 114.0
141 37.8 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 87.409 ng

RT: 9.251 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF127126.D

Acq: 01 Mar 2022 20:00

Instrument :

BNA_F

ClientSampleId :

MW-23

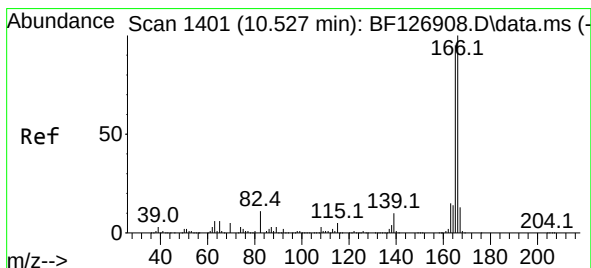
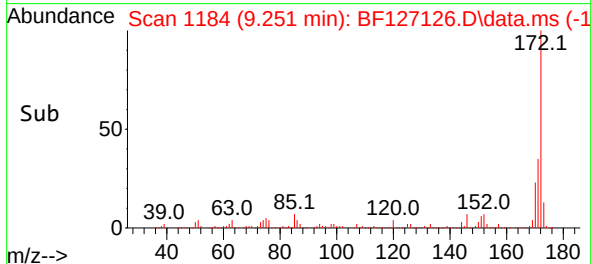
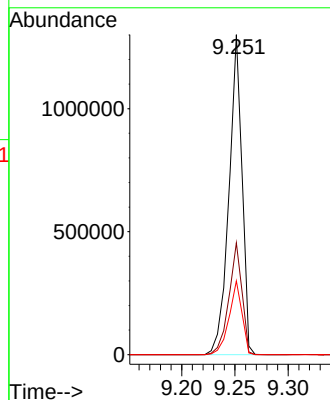
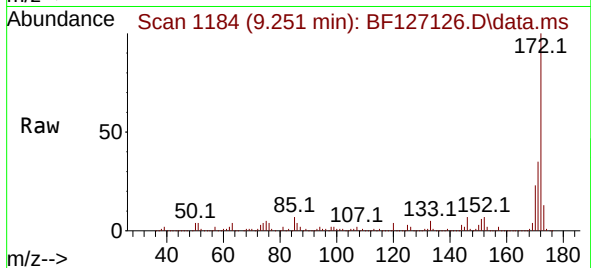
Tgt Ion:172 Resp: 1108535

Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 23.0 19.0 28.6



#58

Fluorene

Concen: 2.504 ng

RT: 10.481 min Scan# 1393

Delta R.T. -0.006 min

Lab File: BF127126.D

Acq: 01 Mar 2022 20:00

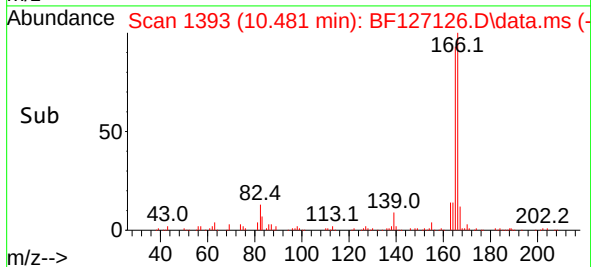
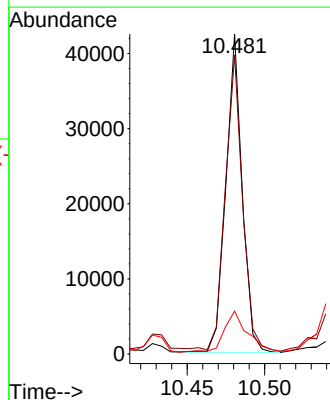
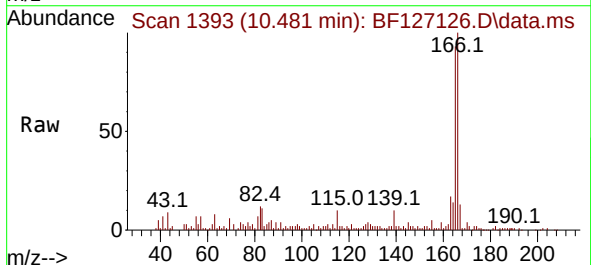
Tgt Ion:166 Resp: 31084

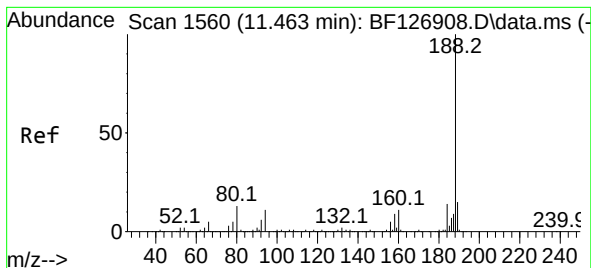
Ion Ratio Lower Upper

166 100

165 93.4 77.7 116.5

167 13.4 10.7 16.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127126.D

Acq: 01 Mar 2022 20:00

Instrument :

BNA_F

ClientSampleId :

MW-23

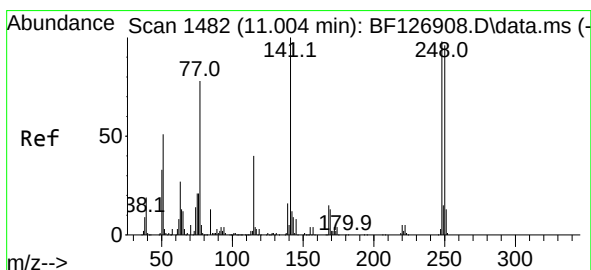
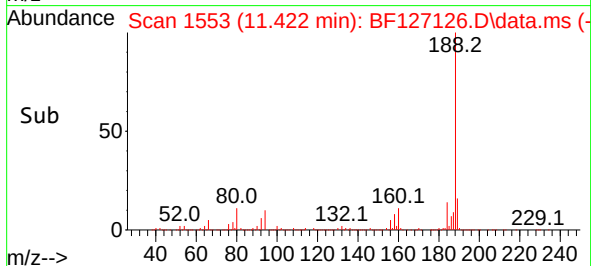
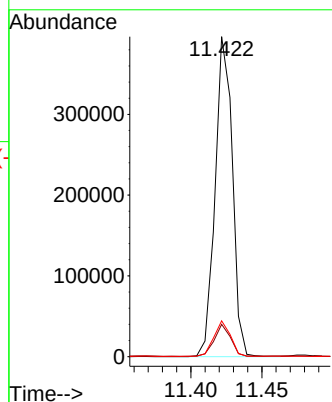
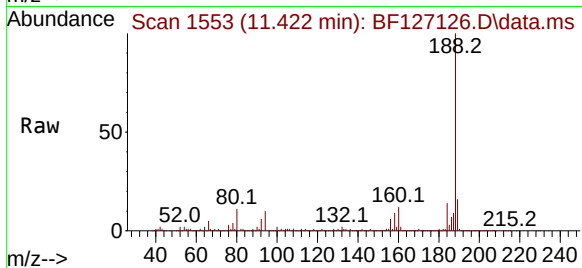
Tgt Ion:188 Resp: 334296

Ion Ratio Lower Upper

188 100

94 10.1 10.1 15.1

80 11.2 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 2.896 ng

RT: 10.722 min Scan# 1434

Delta R.T. -0.247 min

Lab File: BF127126.D

Acq: 01 Mar 2022 20:00

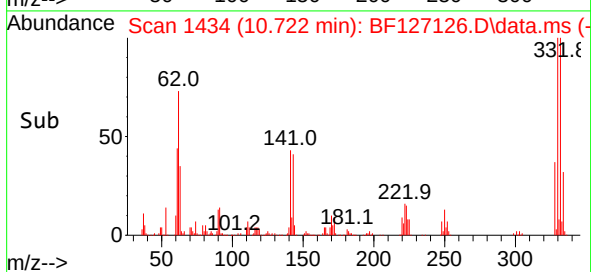
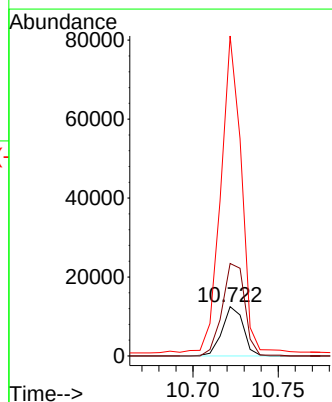
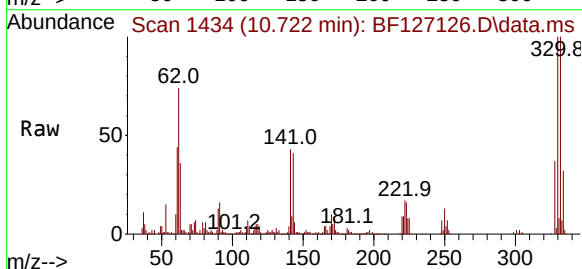
Tgt Ion:248 Resp: 10817

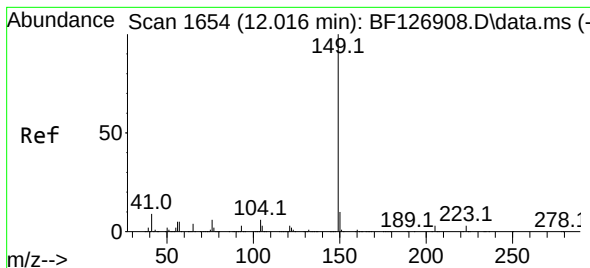
Ion Ratio Lower Upper

248 100

250 187.5 76.2 114.4#

141 648.4 66.2 99.4#





#74

Di-n-butylphthalate

Concen: 5.748 ng

RT: 11.980 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF127126.D

Acq: 01 Mar 2022 20:00

Instrument :

BNA_F

ClientSampleId :

MW-23

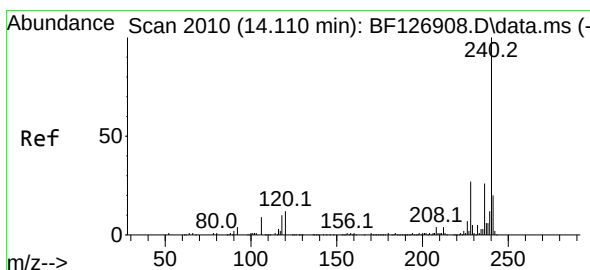
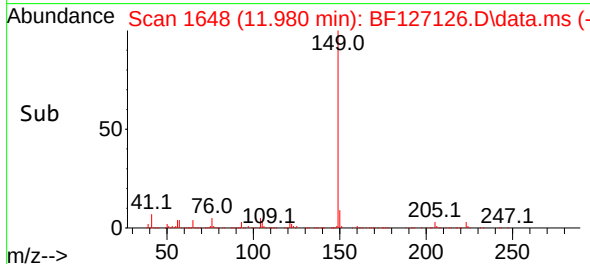
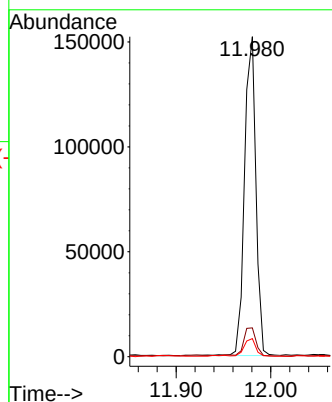
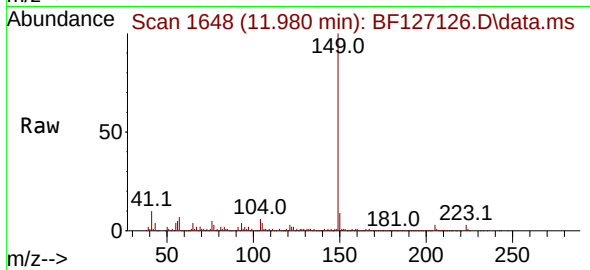
Tgt Ion:149 Resp: 126231

Ion Ratio Lower Upper

149 100

150 9.0 7.2 10.8

104 5.7 4.2 6.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.069 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BF127126.D

Acq: 01 Mar 2022 20:00

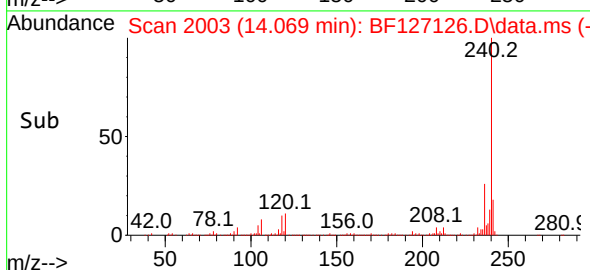
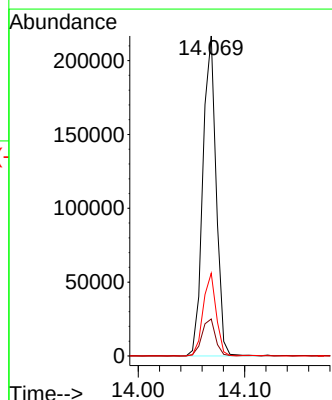
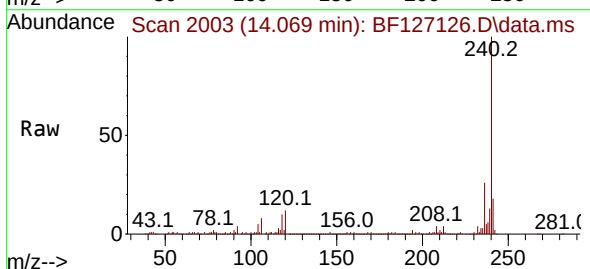
Tgt Ion:240 Resp: 188507

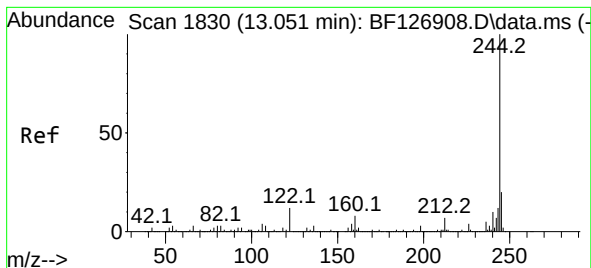
Ion Ratio Lower Upper

240 100

120 11.6 14.4 21.6#

236 25.9 20.5 30.7





#79

Terphenyl-d14

Concen: 88.155 ng

RT: 13.010 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF127126.D

Acq: 01 Mar 2022 20:00

Instrument :

BNA_F

ClientSampleId :

MW-23

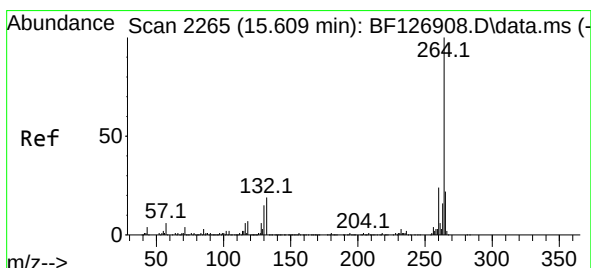
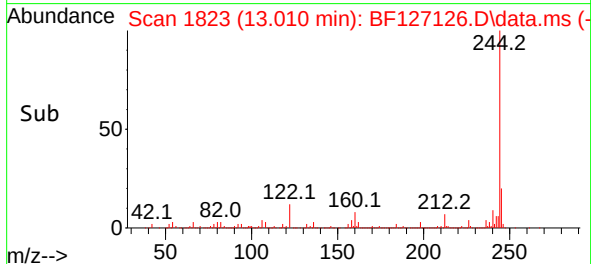
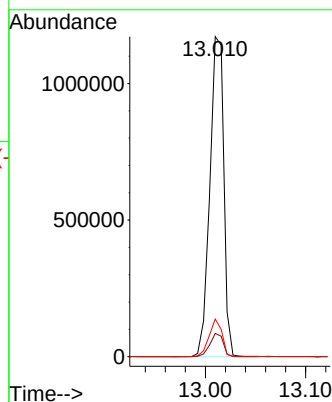
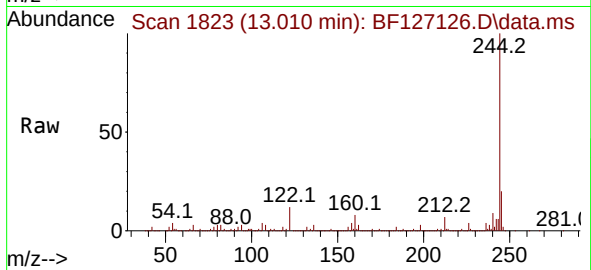
Tgt Ion:244 Resp: 1130440

Ion Ratio Lower Upper

244 100

212 7.2 5.0 7.4

122 11.8 13.3 19.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.563 min Scan# 2257

Delta R.T. -0.006 min

Lab File: BF127126.D

Acq: 01 Mar 2022 20:00

Tgt Ion:264 Resp: 173479

Ion Ratio Lower Upper

264 100

260 22.7 19.2 28.8

265 21.3 17.4 26.2

