

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)

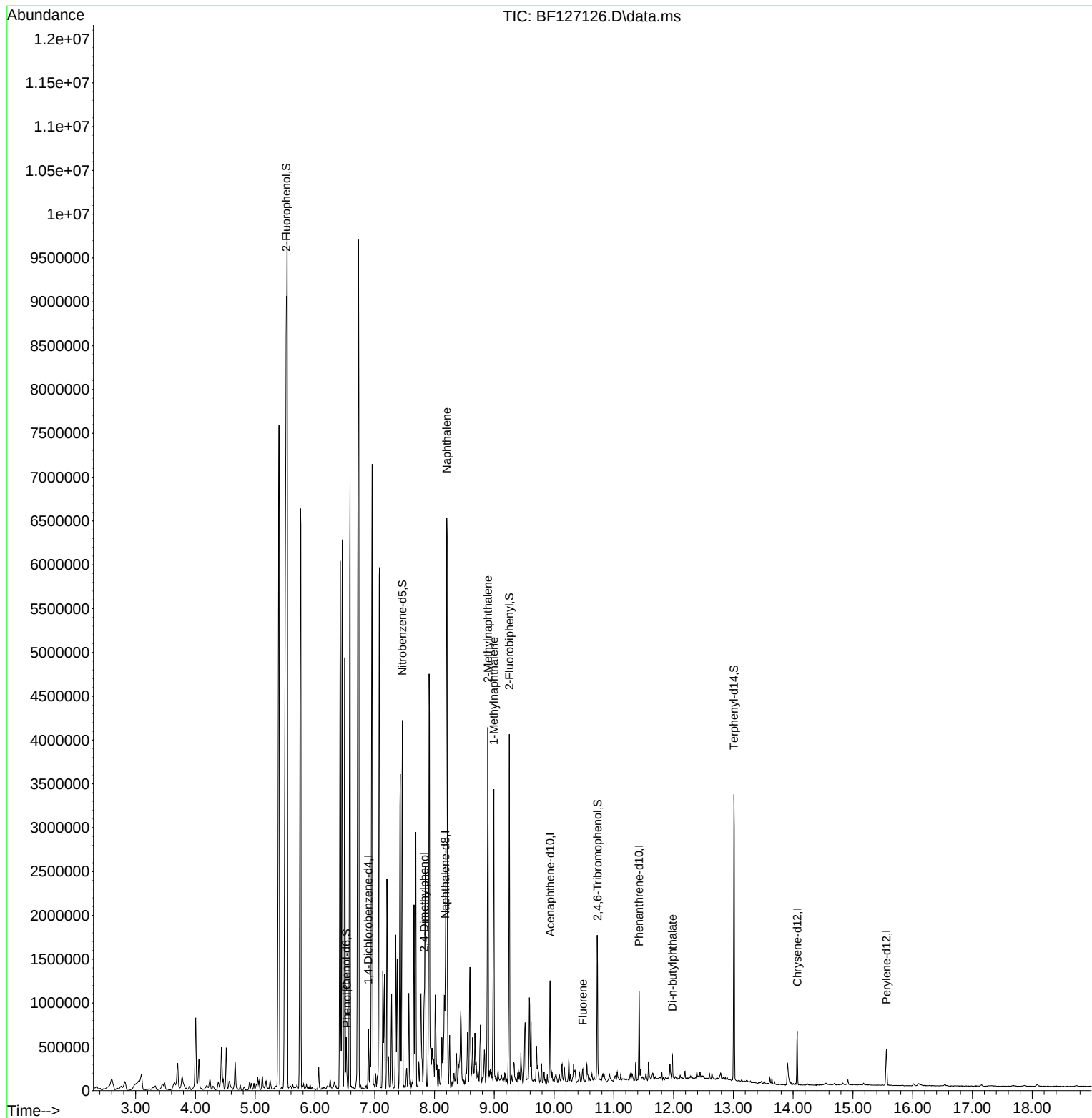
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	89501	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	354880	20.000	ng	# 0.00
39) Acenaphthene-d10	9.934	164	186702	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	334296	20.000	ng	# 0.00
76) Chrysene-d12	14.069	240	188507	20.000	ng	# 0.00
86) Perylene-d12	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
10) Phenol	6.534	94	36852	4.668	ng	83
27) 2,4-Dimethylphenol	7.828	122	304018m	58.522	ng	
31) Naphthalene	8.204	128	3683143	198.816	ng	96
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
74) Di-n-butylphthalate	11.980	149	126231	5.748	ng	99

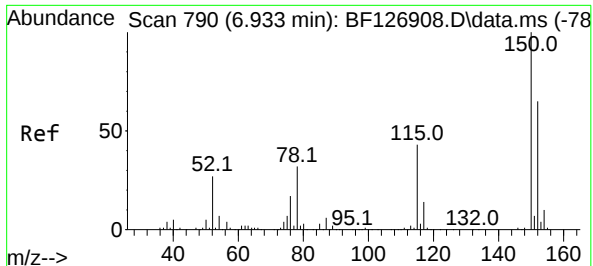
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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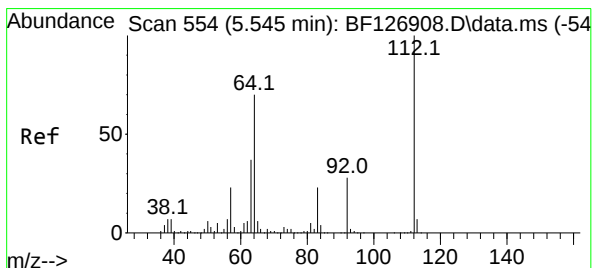
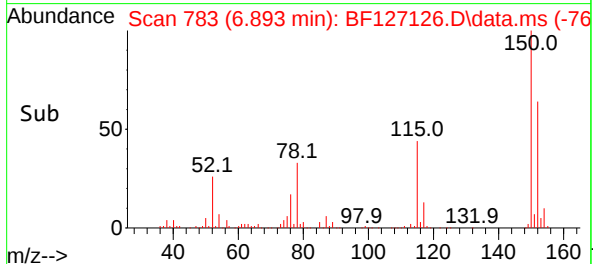
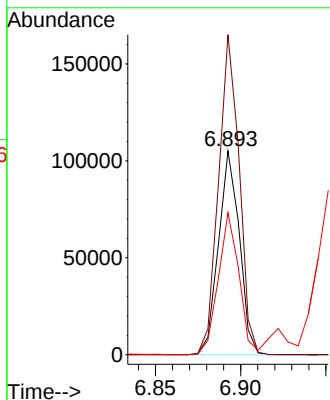
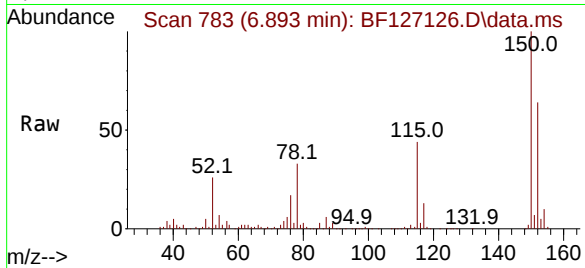




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: BF127126.D
 Acq: 01 Mar 2022 20:00

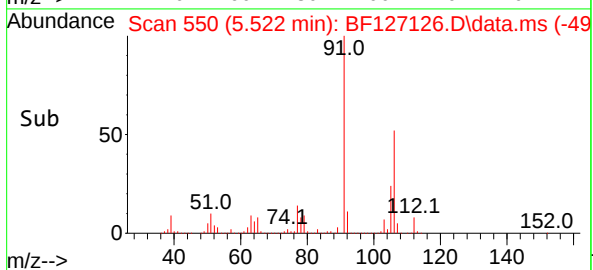
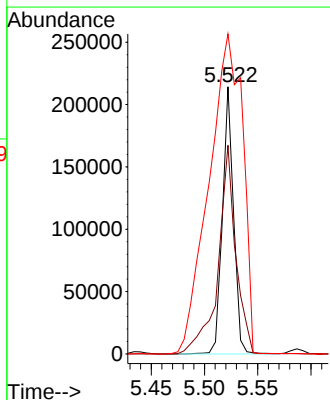
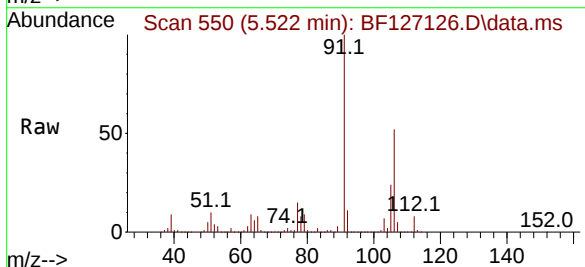
Instrument :
 BNA_F
 ClientSampleId :
 MW-23

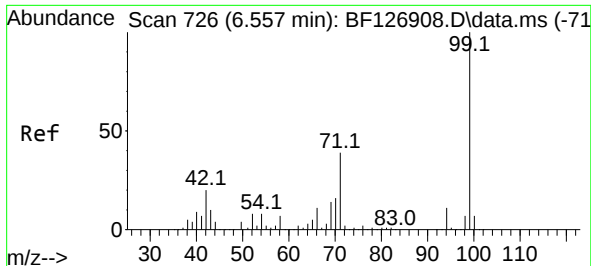
Tgt Ion:152 Resp: 89501
 Ion Ratio Lower Upper
 152 100
 150 157.1 128.1 192.1
 115 69.7 56.7 85.1



#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#

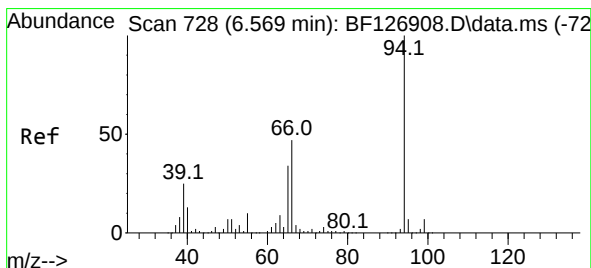
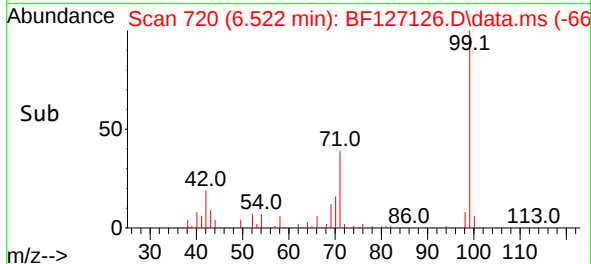
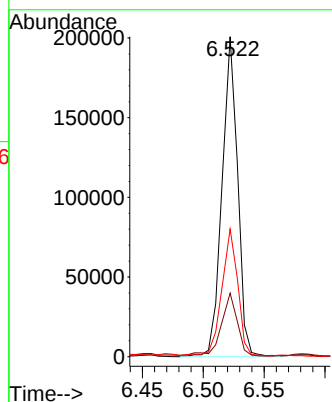
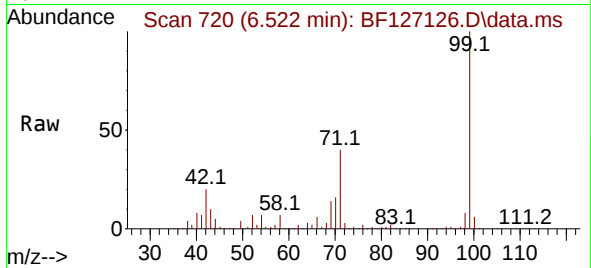




#7
Phenol-d6
Concen: 23.009 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127126.D
Acq: 01 Mar 2022 20:00

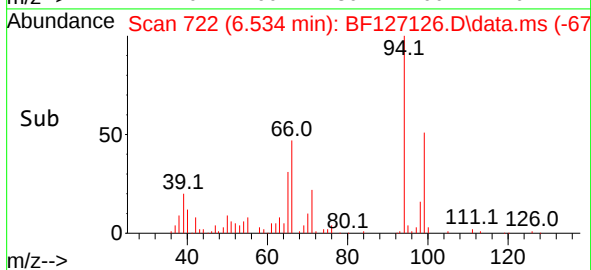
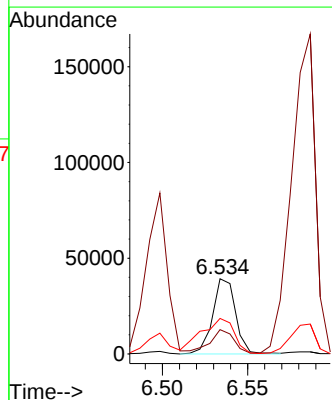
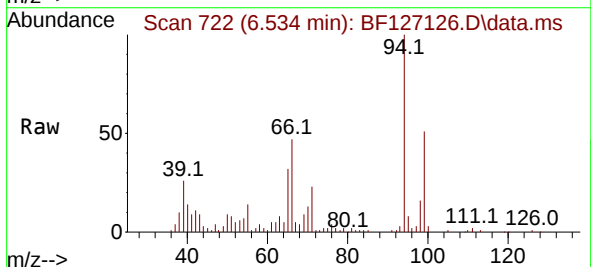
Instrument :
BNA_F
ClientSampleId :
MW-23

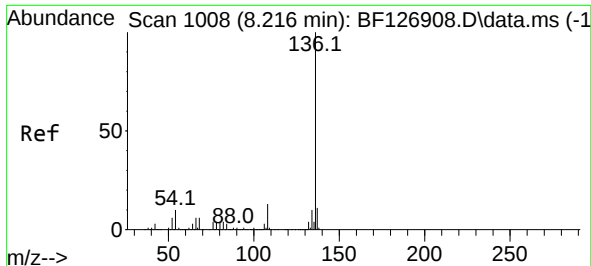
Tgt Ion: 99 Resp: 179788
Ion Ratio Lower Upper
99 100
42 19.8 14.2 21.4
71 39.9 24.3 36.5#



#10
Phenol
Concen: 4.668 ng
RT: 6.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BF127126.D
Acq: 01 Mar 2022 20:00

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

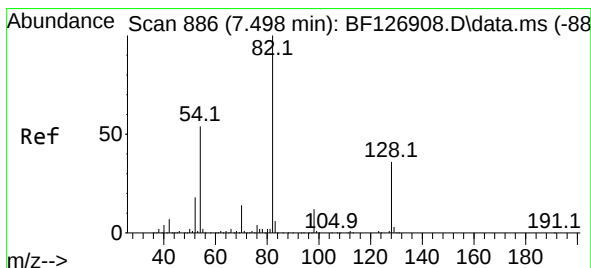
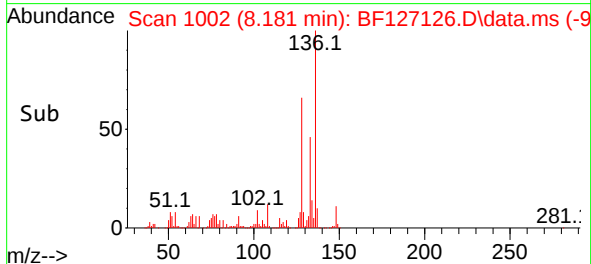
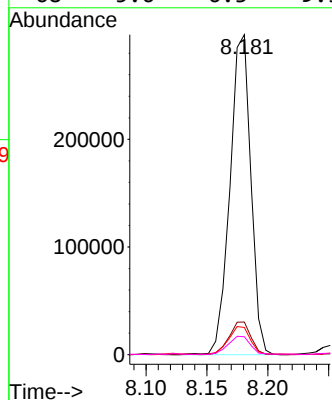
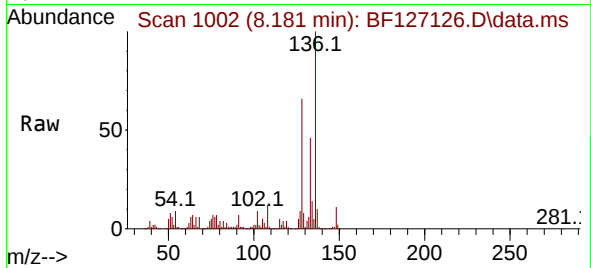




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1002
Delta R.T. 0.006 min
Lab File: BF127126.D
Acq: 01 Mar 2022 20:00

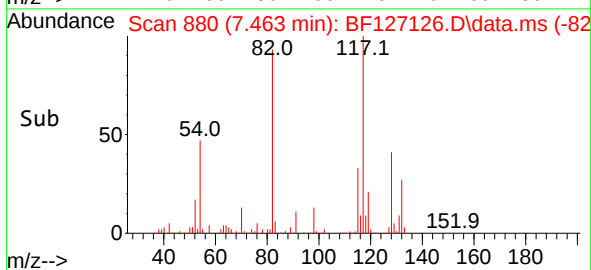
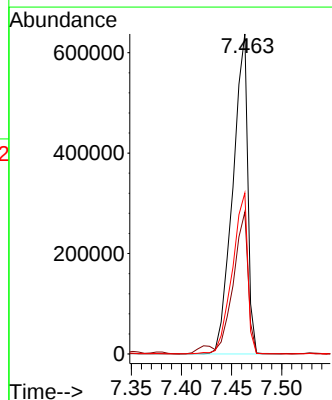
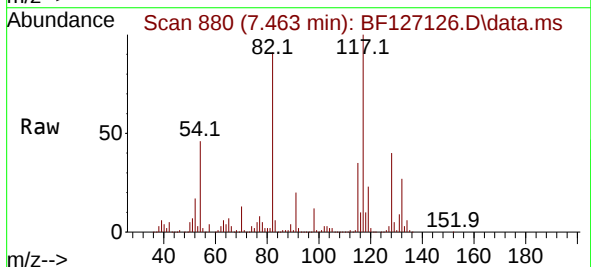
Instrument :
BNA_F
ClientSampleId :
MW-23

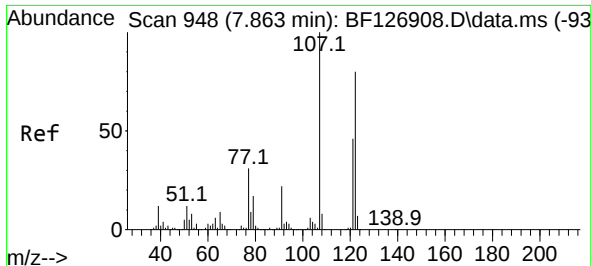
Tgt Ion:136 Resp: 354880
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 8.5 7.8 11.6
68 5.6 6.3 9.5#



#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





#27

2,4-Dimethylphenol

Concen: 58.522 ng m

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

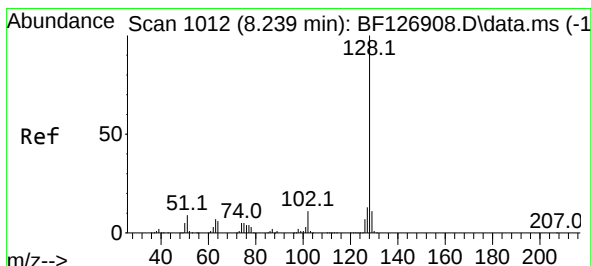
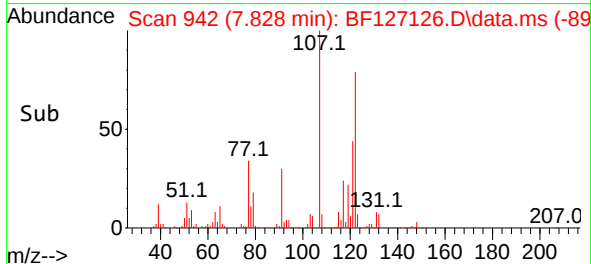
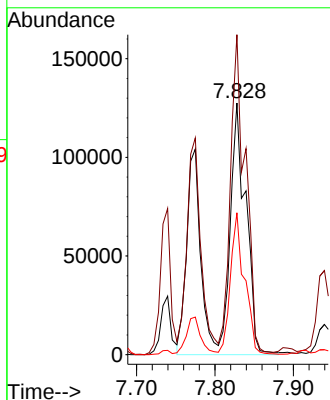
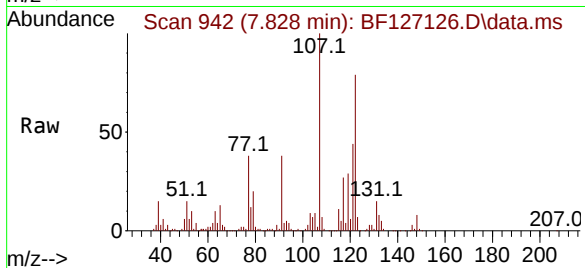
Tgt Ion:122 Resp: 304018

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

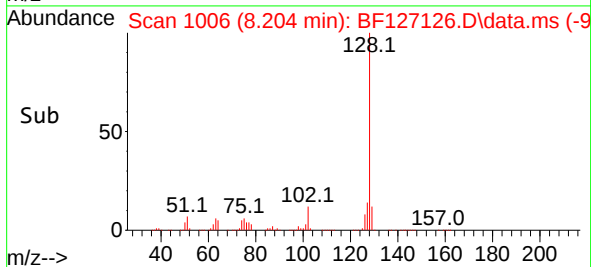
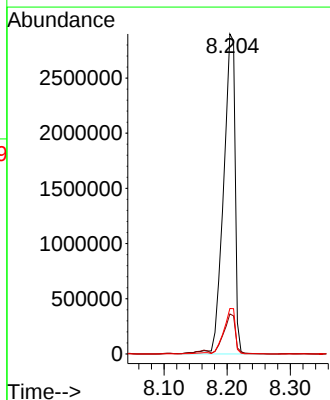
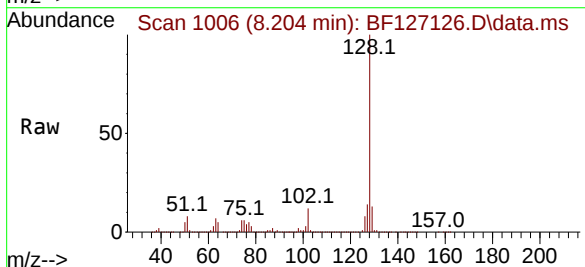
Tgt Ion:128 Resp: 3683143

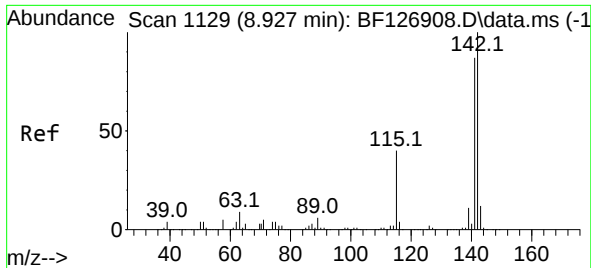
Ion Ratio Lower Upper

128 100

129 12.5 8.6 13.0

127 14.2 10.3 15.5

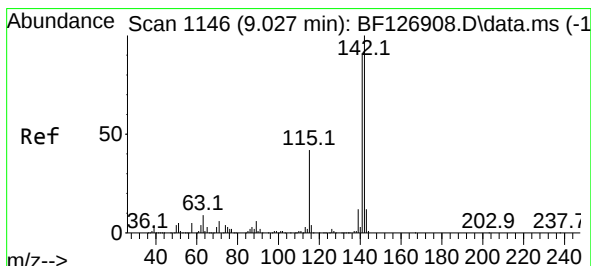
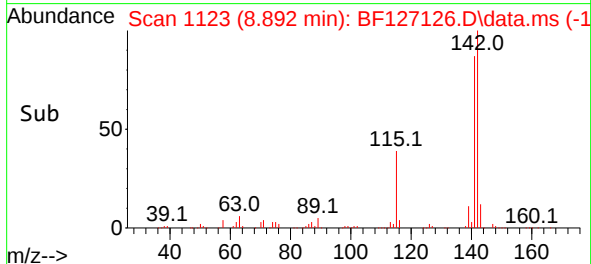
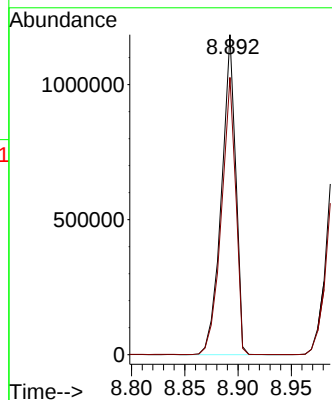
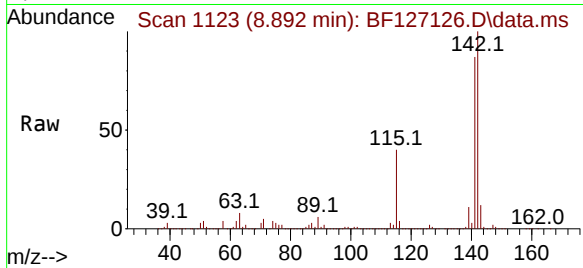




#37
2-Methylnaphthalene
Concen: 90.919 ng
RT: 8.892 min Scan# 1129
Delta R.T. 0.000 min
Lab File: BF127126.D
Acq: 01 Mar 2022 20:00

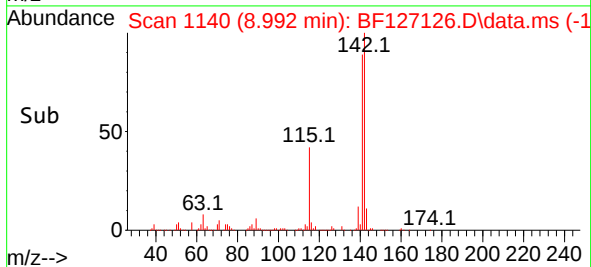
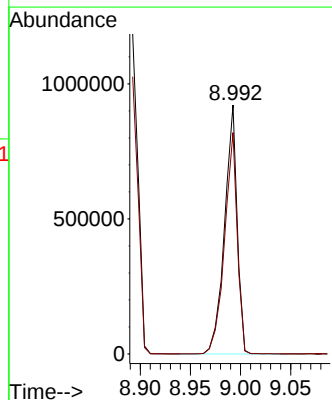
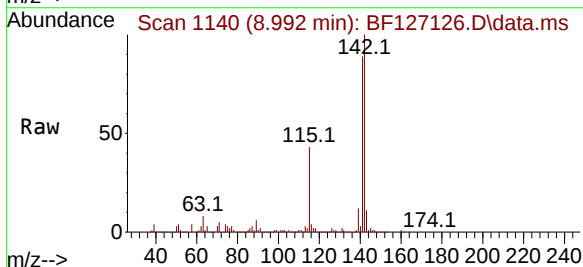
Instrument :
BNA_F
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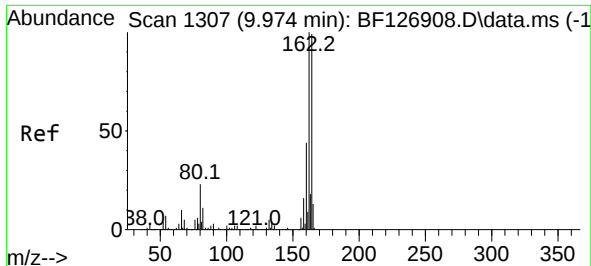
Tgt Ion:142 Resp: 1092908
Ion Ratio Lower Upper
142 100
141 86.6 68.6 102.8



#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

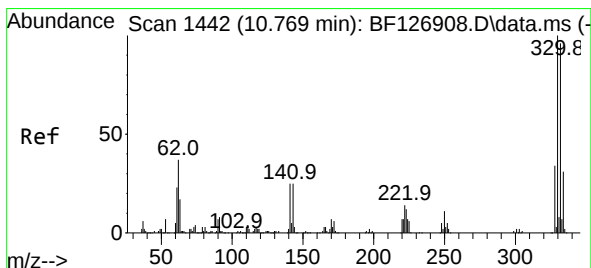
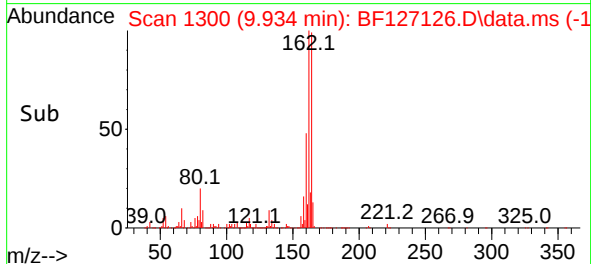
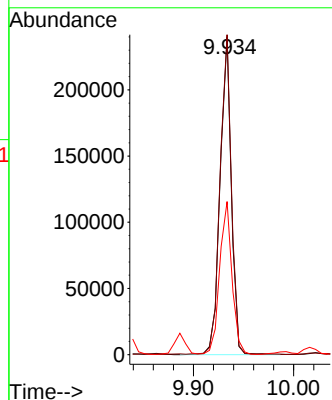
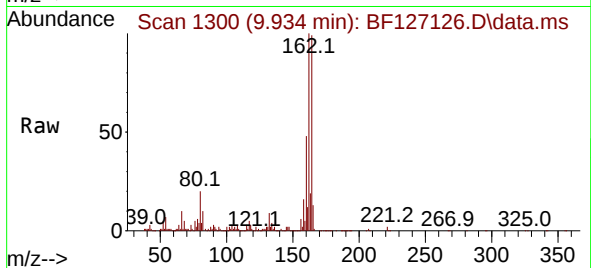
Tgt Ion:164 Resp: 186702

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

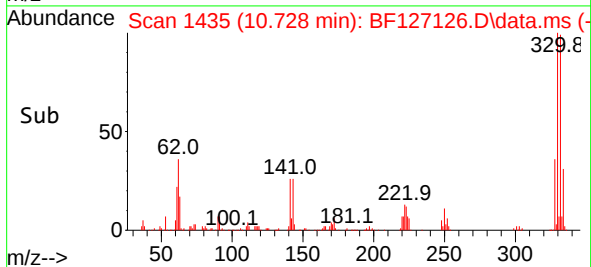
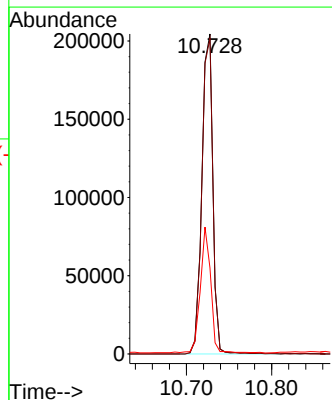
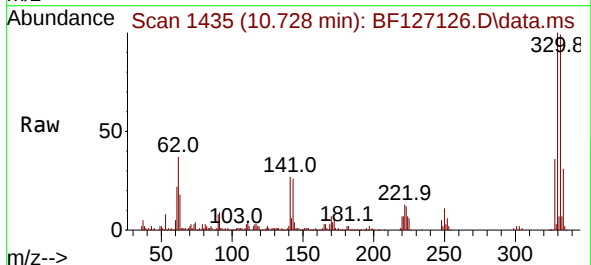
Tgt Ion:330 Resp: 183038

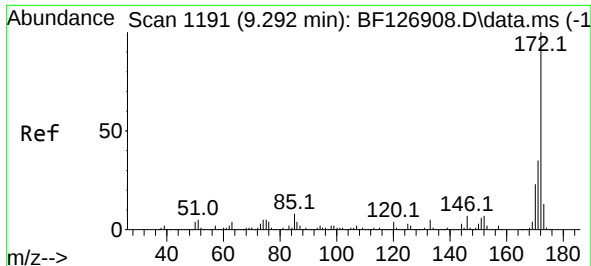
Ion Ratio Lower Upper

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

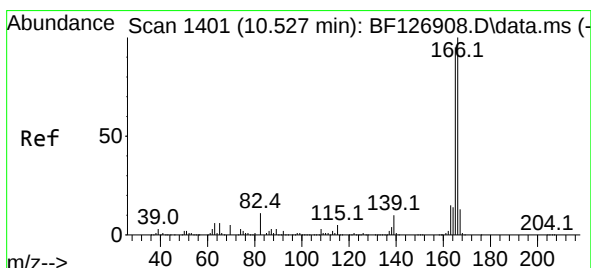
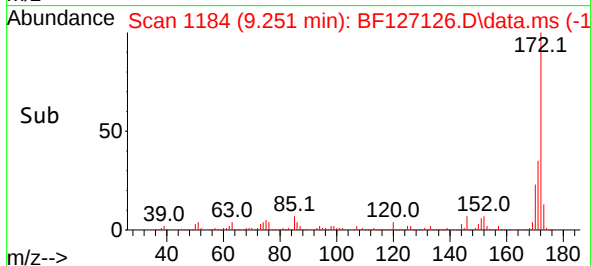
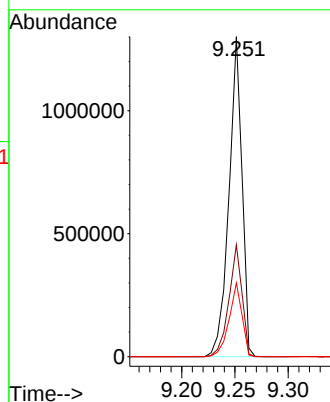
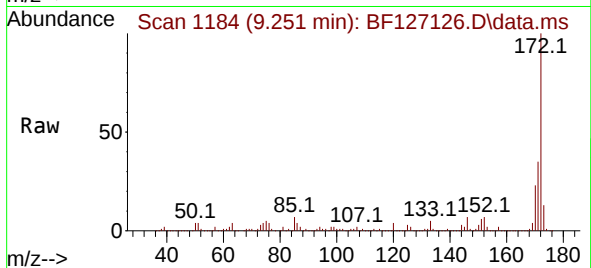
Tgt Ion:172 Resp: 1108535

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

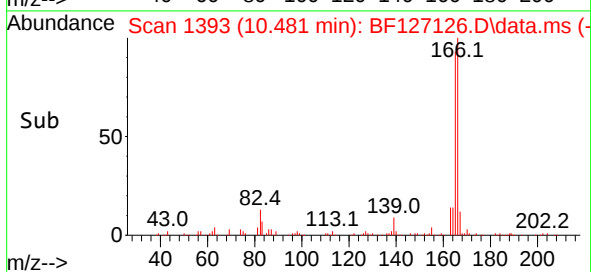
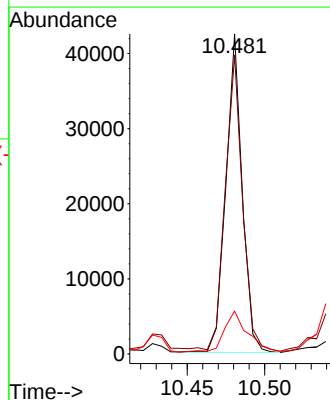
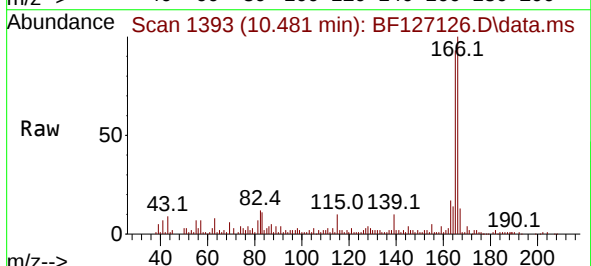
Tgt Ion:166 Resp: 31084

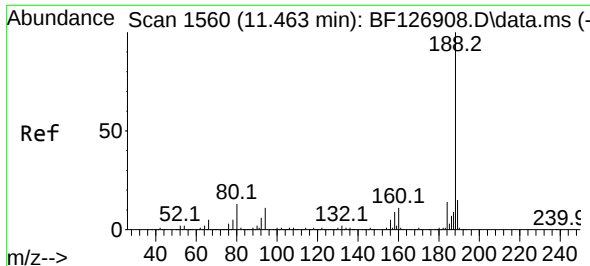
Ion Ratio Lower Upper

166 100

165 93.4 77.7 116.5

167 13.4 10.7 16.1

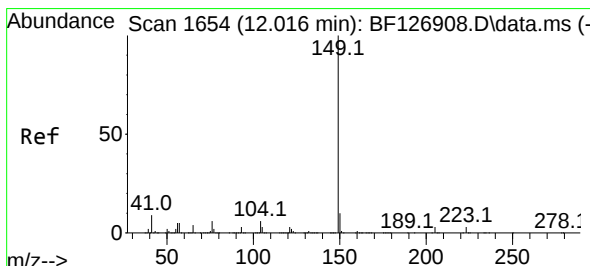
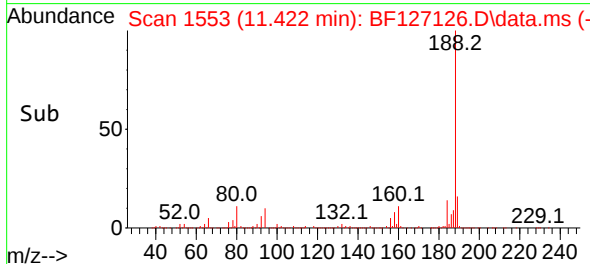
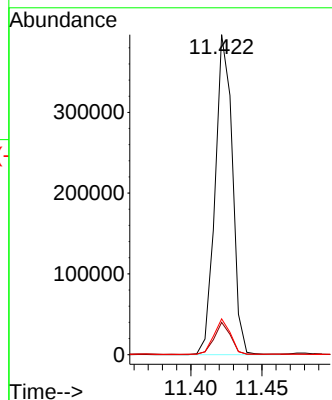
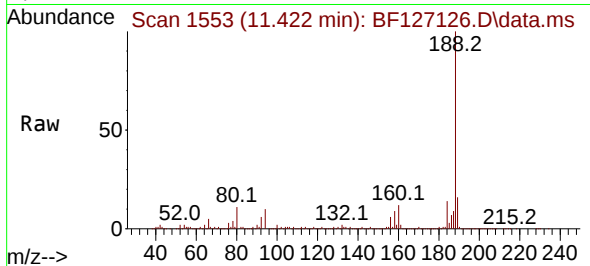




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127126.D
Acq: 01 Mar 2022 20:00

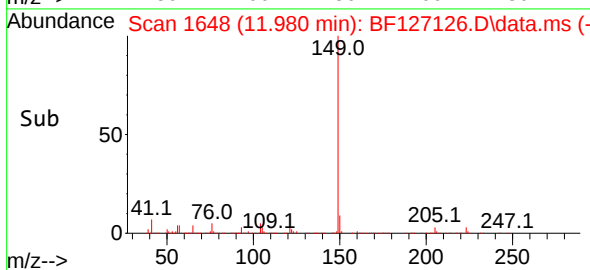
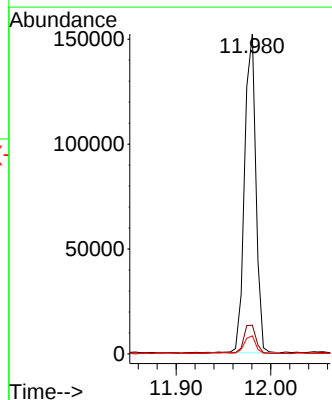
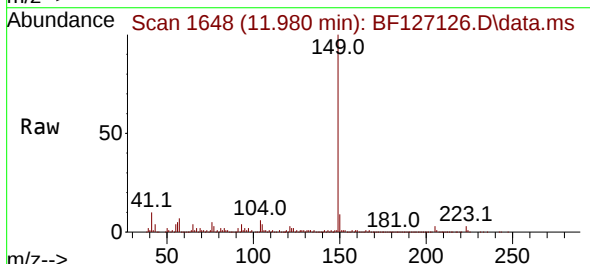
Instrument :
BNA_F
ClientSampleId :
MW-23

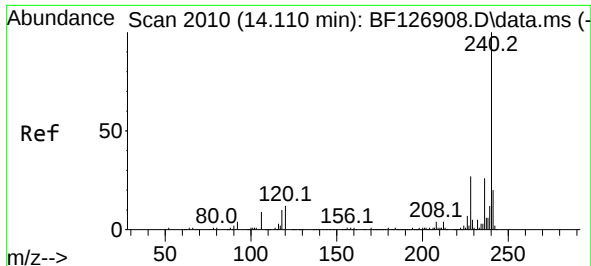
Tgt Ion:188 Resp: 334296
Ion Ratio Lower Upper
188 100
94 10.1 10.1 15.1
80 11.2 11.8 17.6#



#74
Di-n-butylphthalate
Concen: 5.748 ng
RT: 11.980 min Scan# 1648
Delta R.T. 0.000 min
Lab File: BF127126.D
Acq: 01 Mar 2022 20:00

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

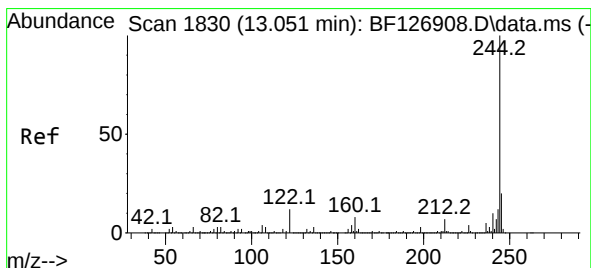
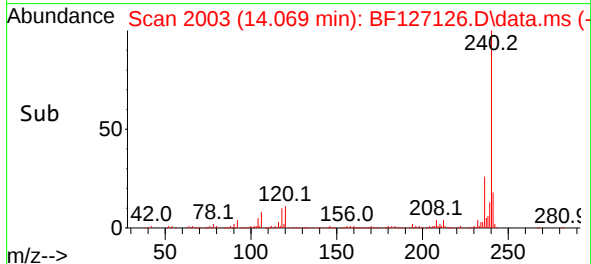
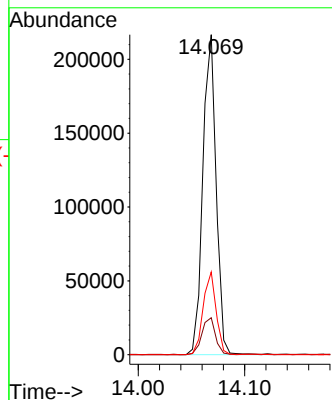
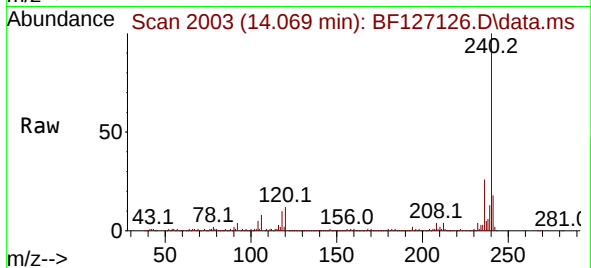




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127126.D
Acq: 01 Mar 2022 20:00

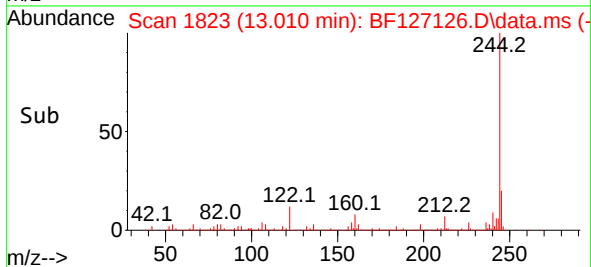
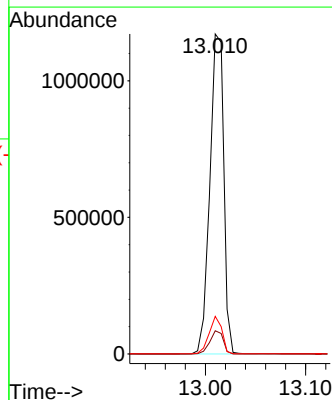
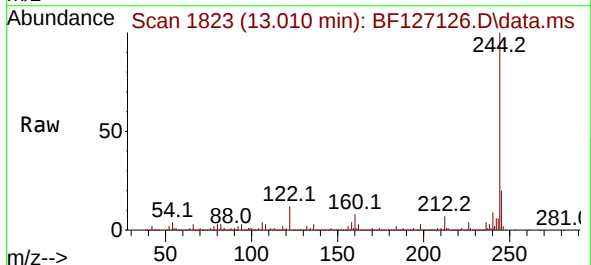
Instrument :
BNA_F
ClientSampleId :
MW-23

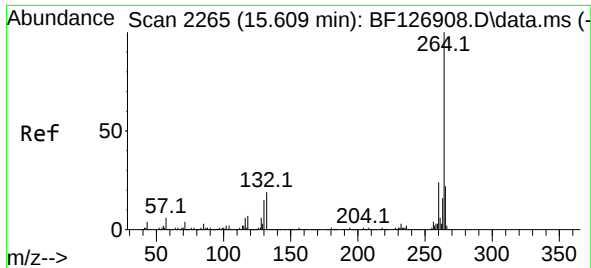
Tgt Ion:240 Resp: 188507
Ion Ratio Lower Upper
240 100
120 11.6 14.4 21.6#
236 25.9 20.5 30.7



#79
Terphenyl-d14
Concen: 88.155 ng
RT: 13.010 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF127126.D
Acq: 01 Mar 2022 20:00

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# 21
Delta R.T. -0.006 min
Lab File: BF127126.D
Acq: 01 Mar 2022 20:00

Instrument :
BNA_F
ClientSampleId :
MW-23

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

