

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
 Data File : BF127123.D
 Acq On : 01 Mar 2022 18:34
 Operator : CG\JU
 Sample : N1688-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-32

Quant Time: Mar 02 00:01:32 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)

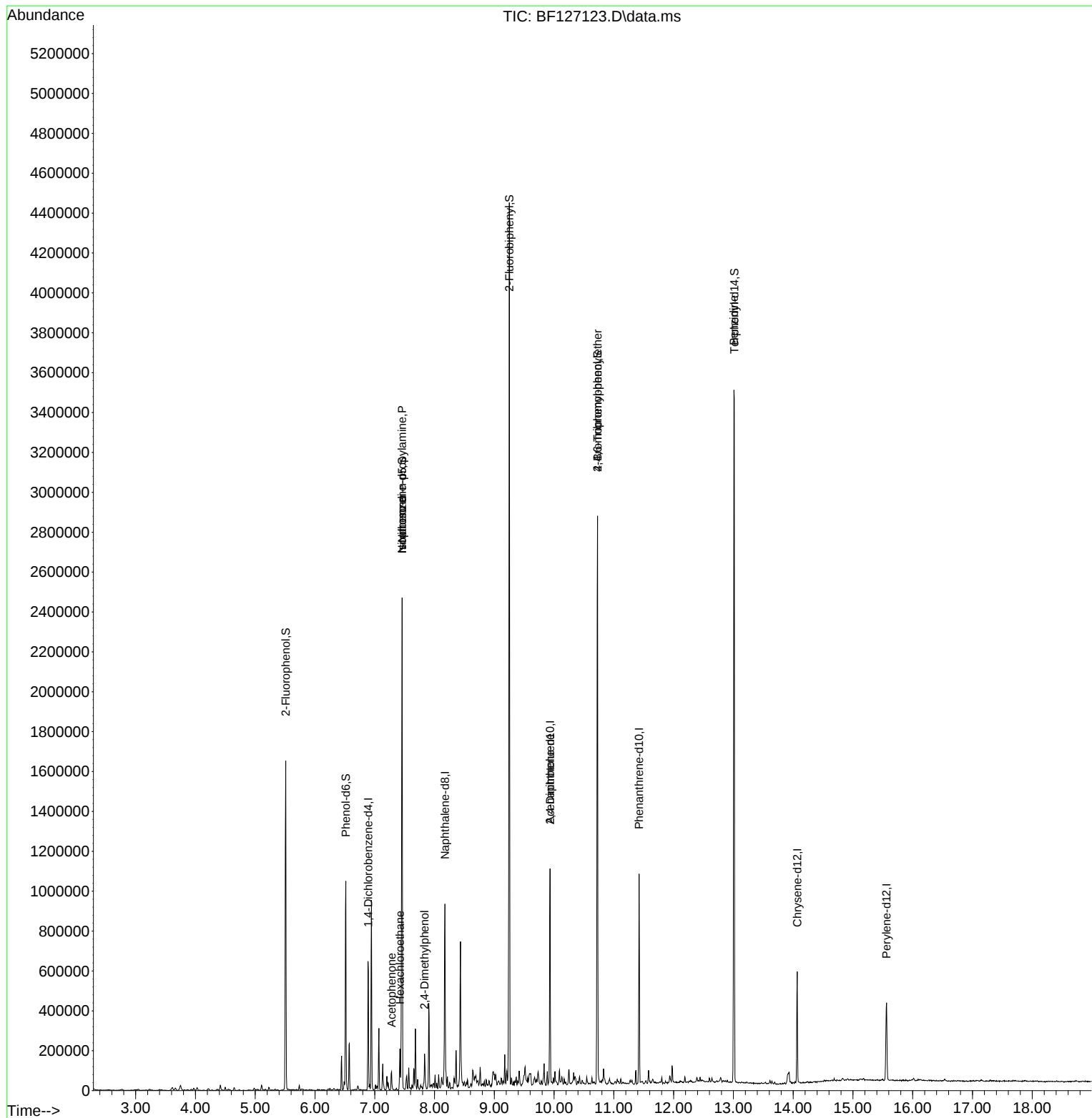
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	88653	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	364269	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	187069	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	323810	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	169554	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	168503	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	371933	64.843	ng	0.00
7) Phenol-d6	6.516	99	307854	39.775	ng	0.00
23) Nitrobenzene-d5	7.457	82	764755	94.762	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	342096	158.830	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1187376	93.442	ng	0.00
79) Terphenyl-d14	13.015	244	1269021	110.025	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.422	117	12270	4.756	ng	# 1
19) n-Nitroso-di-n-propyla...	7.457	70	103261	20.705	ng	# 76
22) Acetophenone	7.281	105	33835	3.528	ng	# 53
25) Isophorone	7.457	82	762701	57.113	ng	# 69
27) 2,4-Dimethylphenol	7.833	122	22042	4.134	ng	# 93
57) 2,4-Dinitrotoluene	9.933	165	24166	6.570	ng	# 20
67) 4-Bromophenyl-phenylether	10.727	248	20255	5.599	ng	# 1
77) Benzidine	13.010	184	18489	4.013	ng	# 92

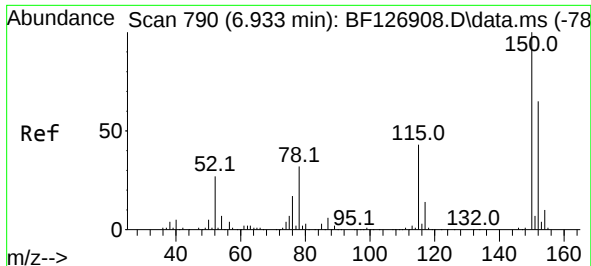
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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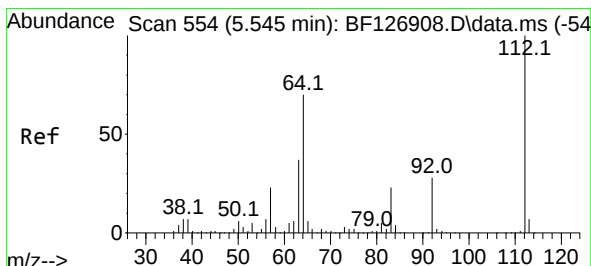
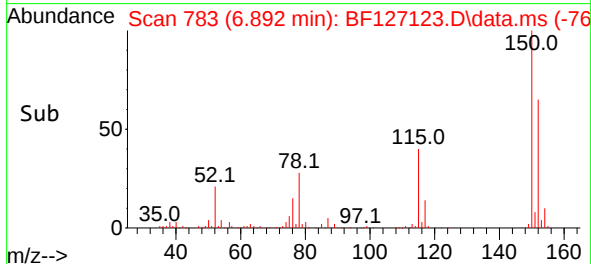
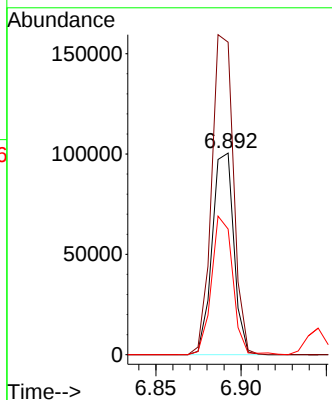
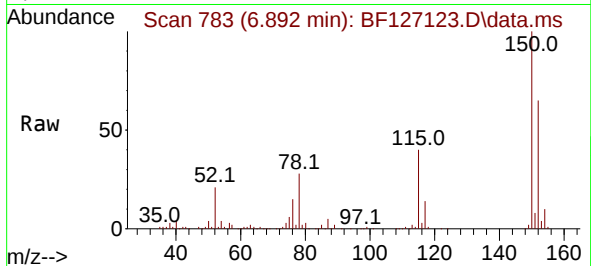




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.892 min Scan# 71
 Delta R.T. -0.001 min
 Lab File: BF127123.D
 Acq: 01 Mar 2022 18:34

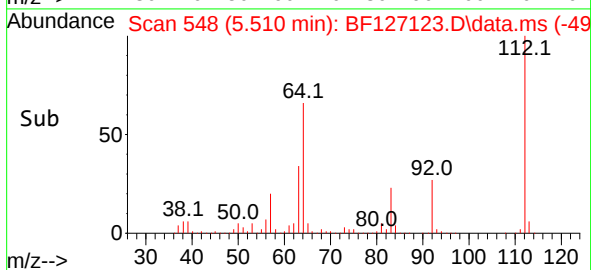
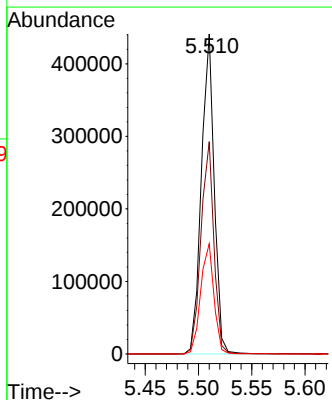
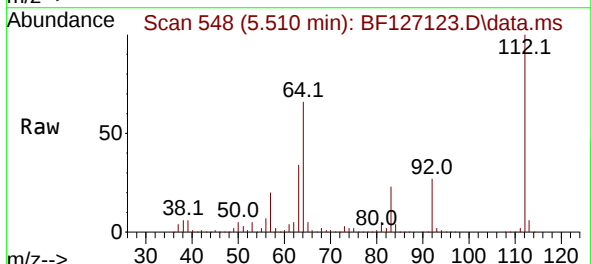
Instrument :
 BNA_F
 ClientSampleId :
 MW-32

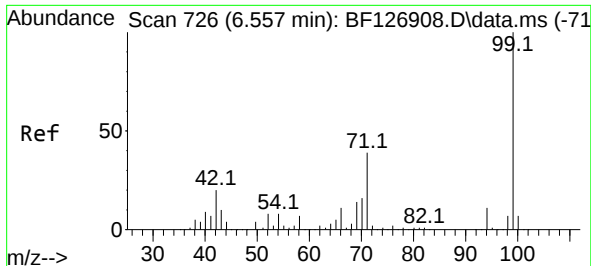
Tgt Ion:152 Resp: 88653
 Ion Ratio Lower Upper
 152 100
 150 155.0 128.1 192.1
 115 62.3 56.7 85.1



#5
 2-Fluorophenol
 Concen: 64.843 ng
 RT: 5.510 min Scan# 548
 Delta R.T. -0.000 min
 Lab File: BF127123.D
 Acq: 01 Mar 2022 18:34

Tgt Ion:112 Resp: 371933
 Ion Ratio Lower Upper
 112 100
 64 66.4 49.5 74.3
 63 34.5 23.9 35.9





#7

Phenol-d6

Concen: 39.775 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF127123.D

Acq: 01 Mar 2022 18:34

Instrument :

BNA_F

ClientSampleId :

MW-32

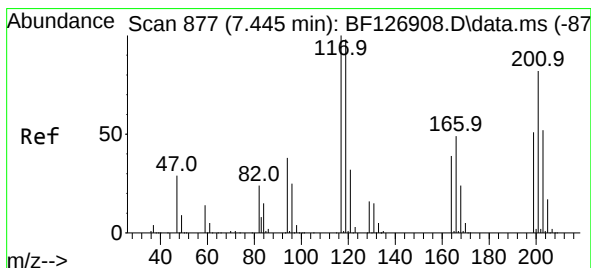
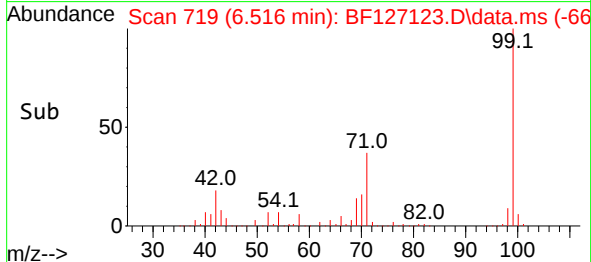
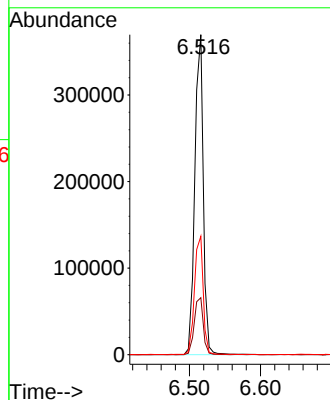
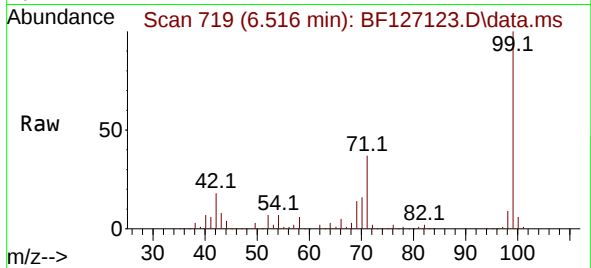
Tgt Ion: 99 Resp: 307854

Ion Ratio Lower Upper

99 100

42 17.8 14.2 21.4

71 37.0 24.3 36.5#



#18

Hexachloroethane

Concen: 4.756 ng

RT: 7.422 min Scan# 873

Delta R.T. 0.017 min

Lab File: BF127123.D

Acq: 01 Mar 2022 18:34

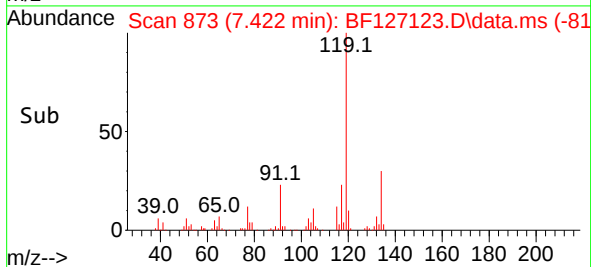
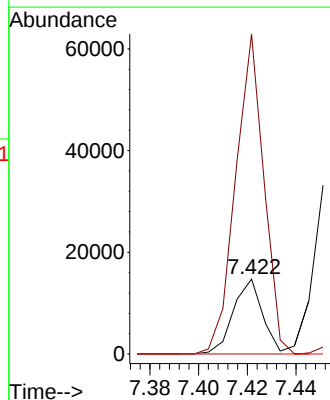
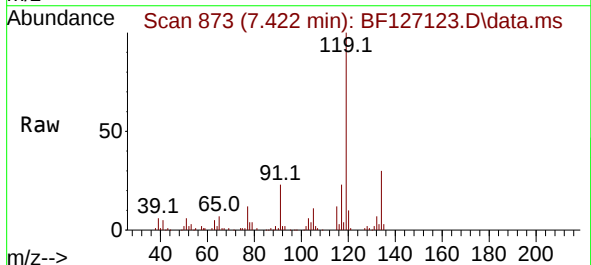
Tgt Ion: 117 Resp: 12270

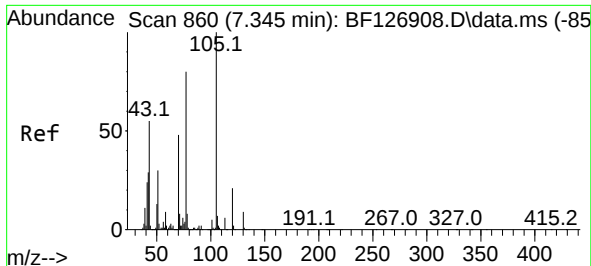
Ion Ratio Lower Upper

117 100

119 427.2 75.4 113.0#

201 0.0 56.8 85.2#

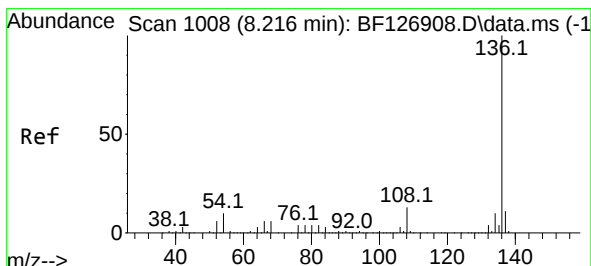
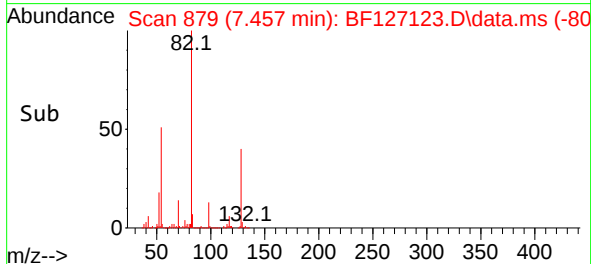
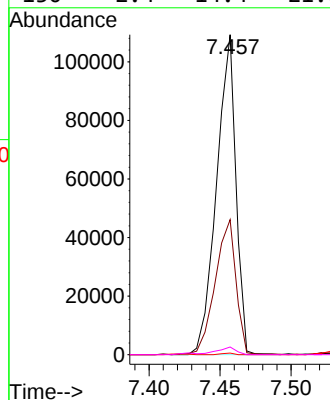
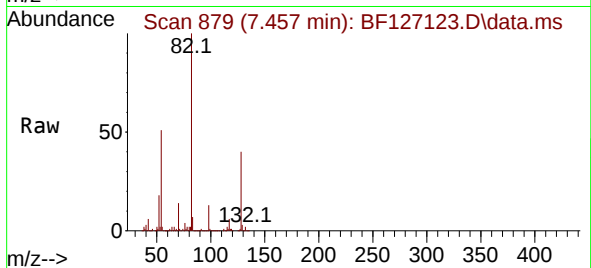




#19
n-Nitroso-di-n-propylamine
Concen: 20.705 ng
RT: 7.457 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127123.D
Acq: 01 Mar 2022 18:34

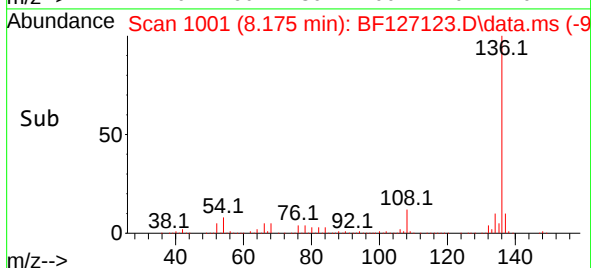
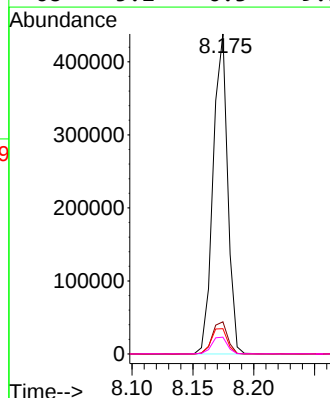
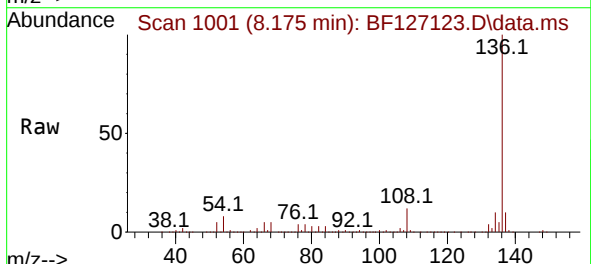
Instrument :
BNA_F
ClientSampleId :
MW-32

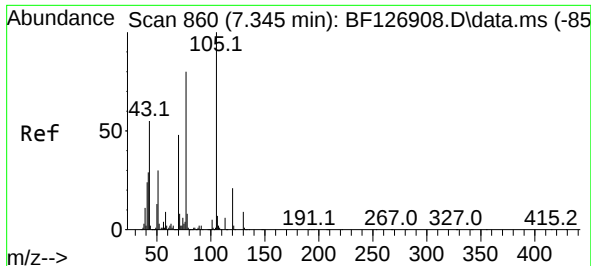
Tgt Ion: 70 Resp: 103261
Ion Ratio Lower Upper
70 100
42 42.2 45.8 68.8#
101 0.5 6.9 10.3#
130 2.4 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127123.D
Acq: 01 Mar 2022 18:34

Tgt Ion:136 Resp: 364269
Ion Ratio Lower Upper
136 100
137 10.1 8.6 13.0
54 7.9 7.8 11.6
68 5.2 6.3 9.5#

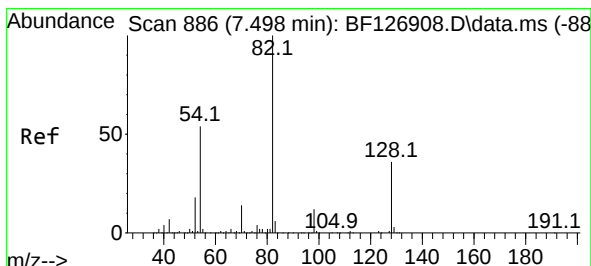
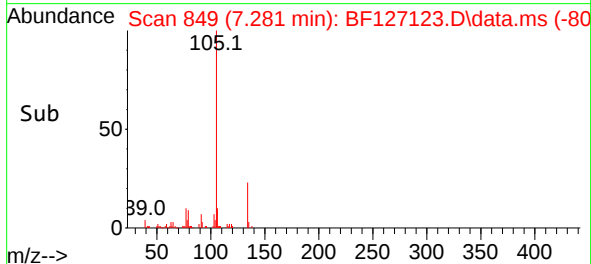
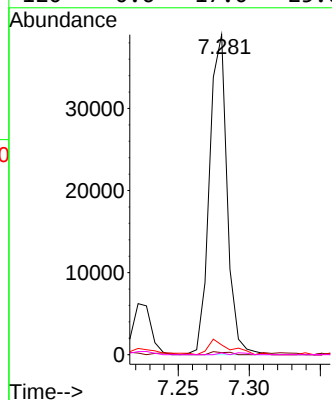
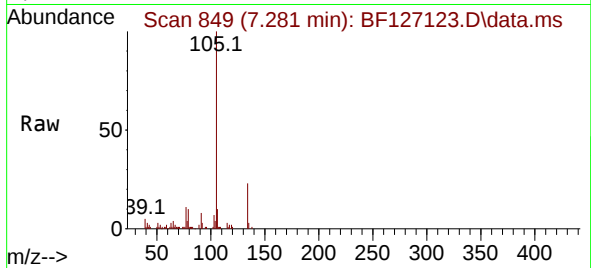




#22
Acetophenone
Concen: 3.528 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.024 min
Lab File: BF127123.D
Acq: 01 Mar 2022 18:34

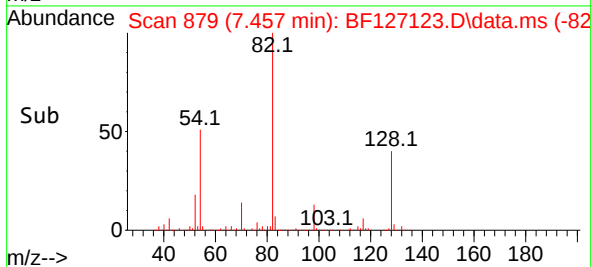
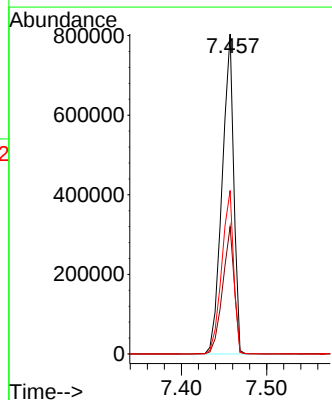
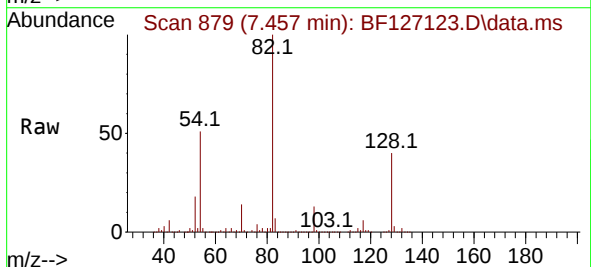
Instrument :
BNA_F
ClientSampleId :
MW-32

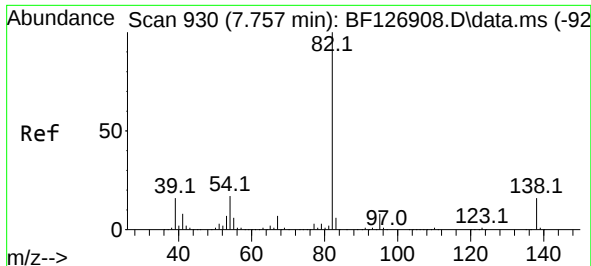
Tgt Ion:105 Resp: 33835
Ion Ratio Lower Upper
105 100
71 0.7 5.4 8.0#
51 3.1 27.4 41.0#
120 0.6 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 94.762 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF127123.D
Acq: 01 Mar 2022 18:34

Tgt Ion: 82 Resp: 764755
Ion Ratio Lower Upper
82 100
128 39.8 32.7 49.1
54 51.1 41.7 62.5

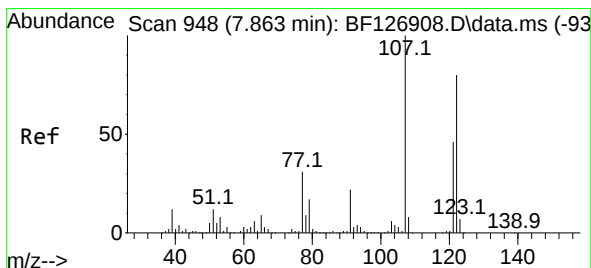
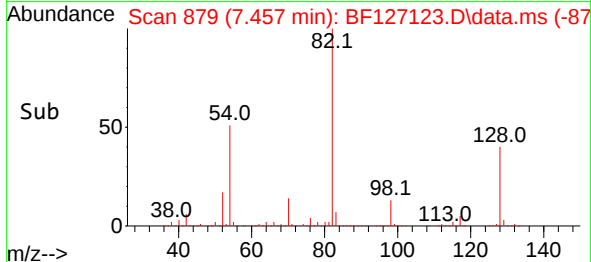
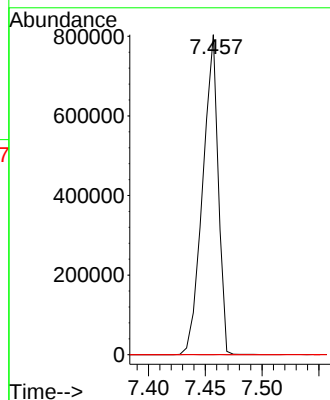
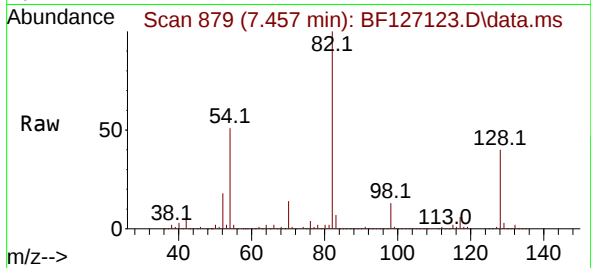




#25
Isophorone
Concen: 57.113 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127123.D
Acq: 01 Mar 2022 18:34

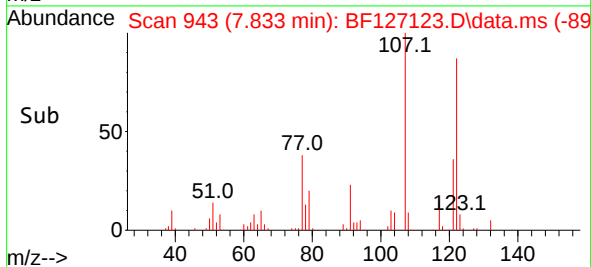
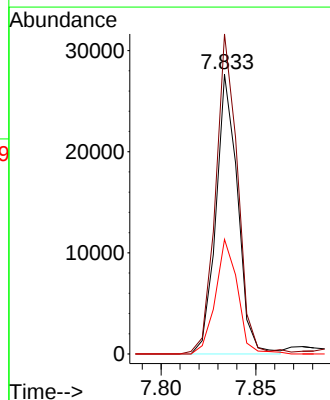
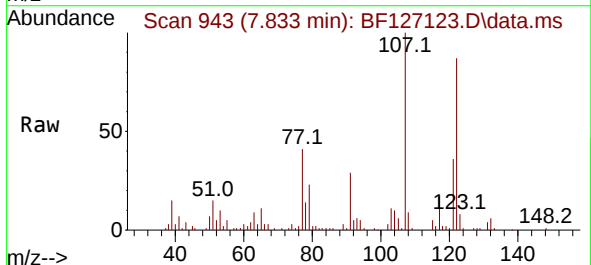
Instrument :
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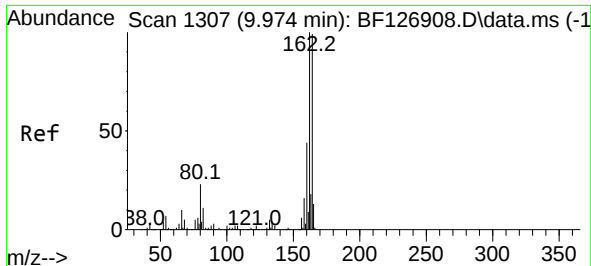
Tgt Ion: 82 Resp: 762701
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#27
2,4-Dimethylphenol
Concen: 4.134 ng
RT: 7.833 min Scan# 943
Delta R.T. 0.006 min
Lab File: BF127123.D
Acq: 01 Mar 2022 18:34

Tgt Ion: 122 Resp: 22042
Ion Ratio Lower Upper
122 100
107 114.5 91.2 136.8
121 41.0 44.4 66.6#

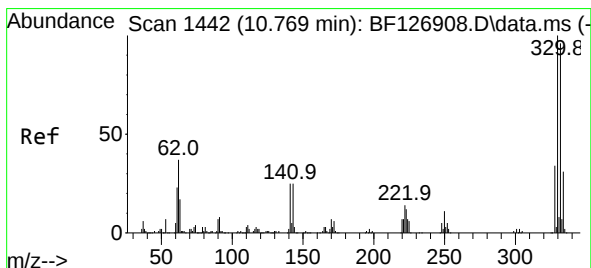
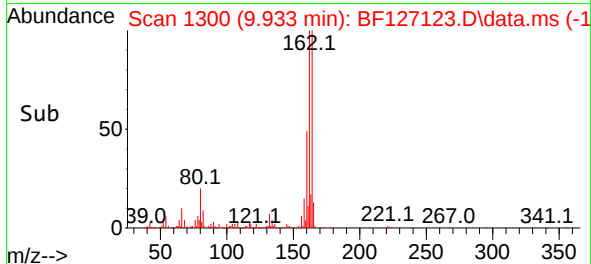
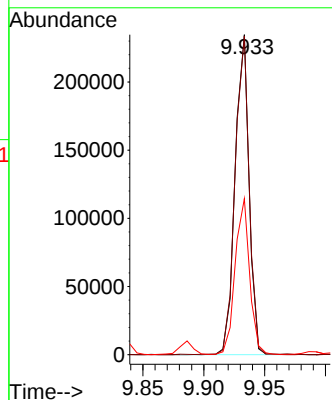
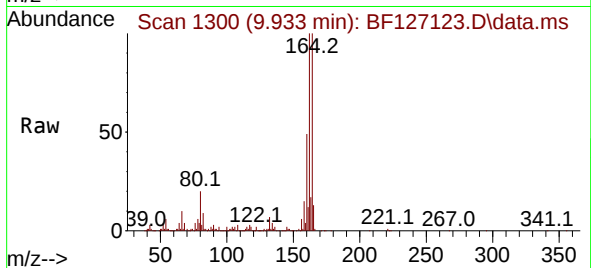




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127123.D
Acq: 01 Mar 2022 18:34

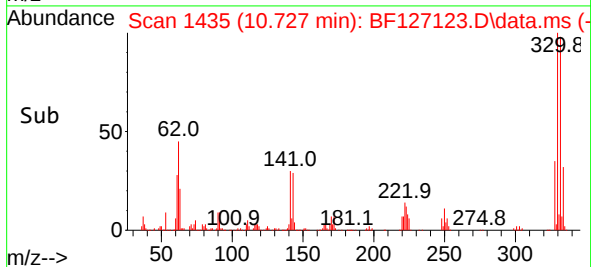
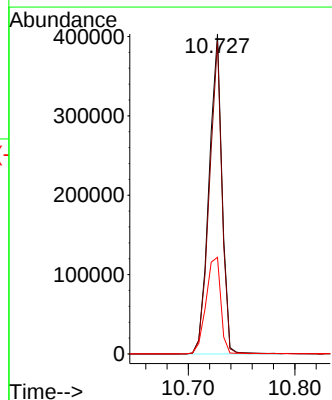
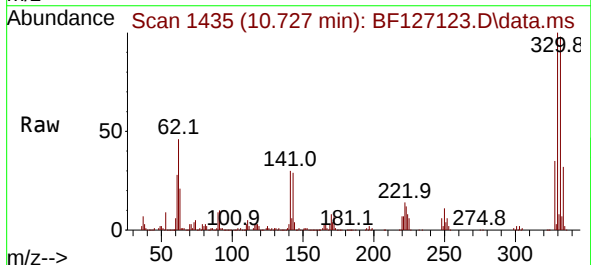
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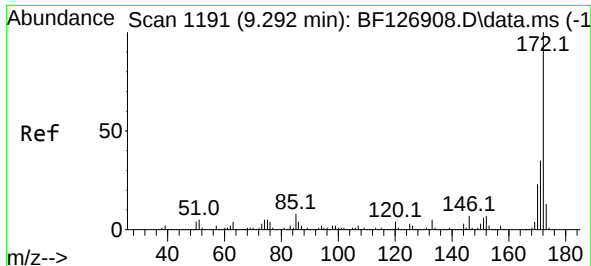
Tgt Ion:164 Resp: 187069
Ion Ratio Lower Upper
164 100
162 99.6 81.4 122.0
160 48.7 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 158.830 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF127123.D
Acq: 01 Mar 2022 18:34

Tgt Ion:330 Resp: 342096
Ion Ratio Lower Upper
330 100
332 95.5 76.0 114.0
141 34.3 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 93.442 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF127123.D

Acq: 01 Mar 2022 18:34

Instrument :

BNA_F

ClientSampleId :

MW-32

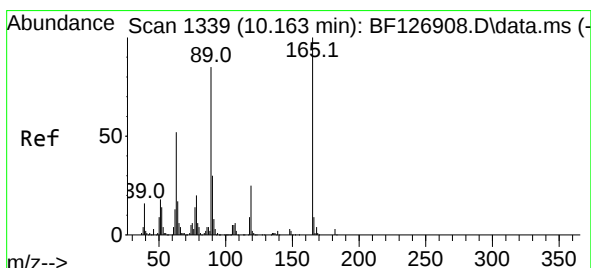
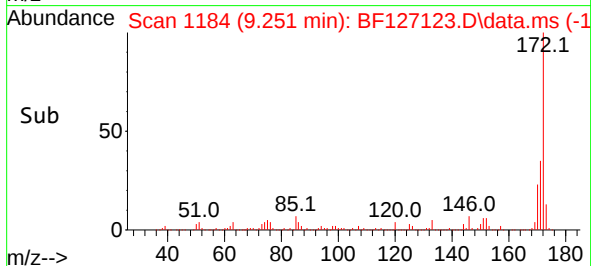
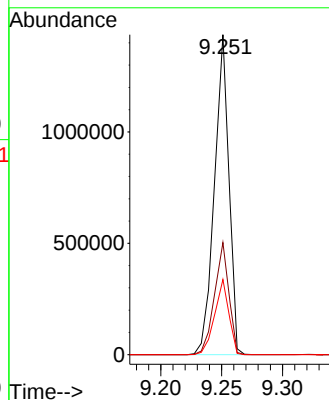
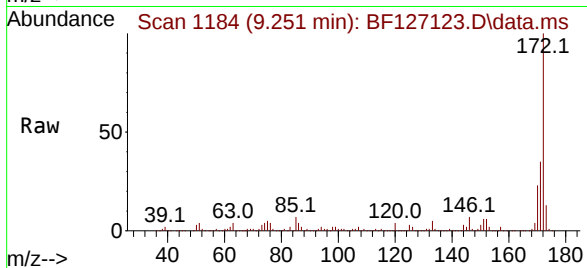
Tgt Ion:172 Resp: 1187376

Ion Ratio Lower Upper

172 100

171 35.1 28.3 42.5

170 23.5 19.0 28.6



#57

2,4-Dinitrotoluene

Concen: 6.570 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.194 min

Lab File: BF127123.D

Acq: 01 Mar 2022 18:34

Tgt Ion:165 Resp: 24166

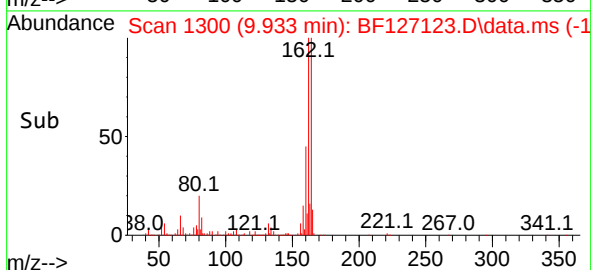
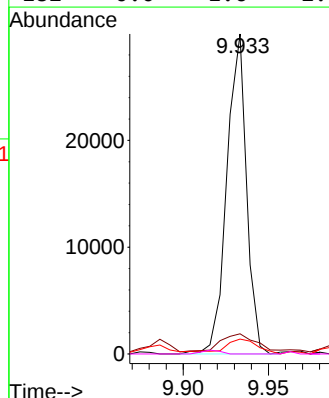
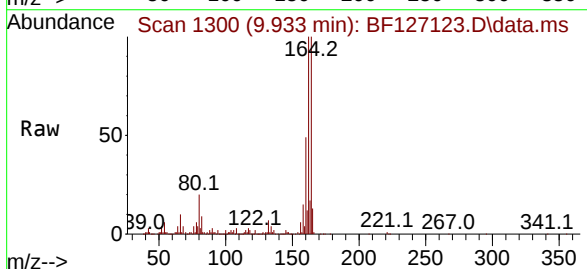
Ion Ratio Lower Upper

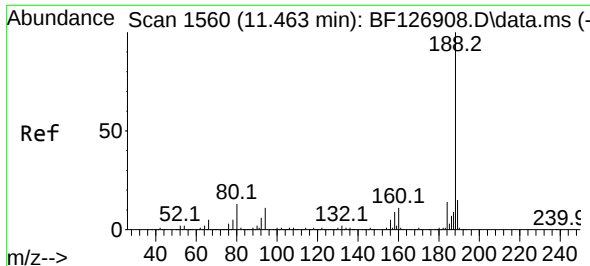
165 100

63 6.3 43.0 64.6#

89 4.7 71.0 106.4#

182 0.0 1.6 2.4#

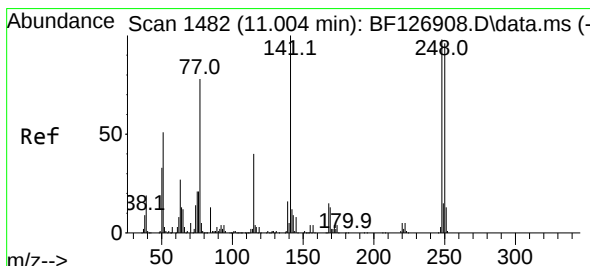
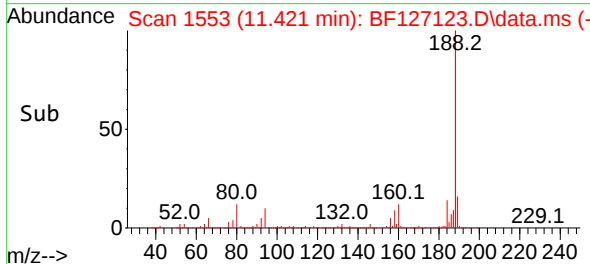
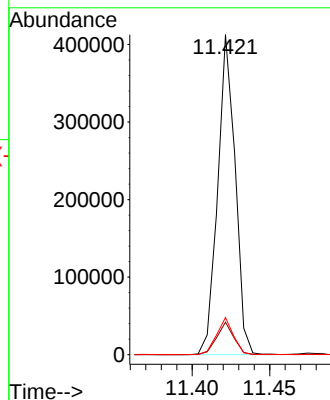
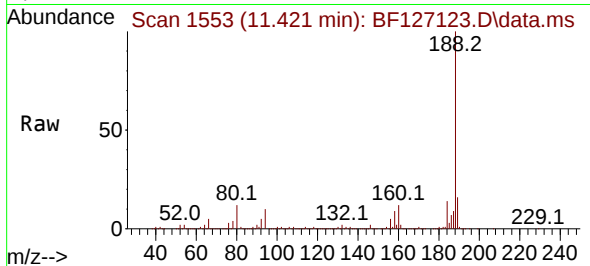




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127123.D
Acq: 01 Mar 2022 18:34

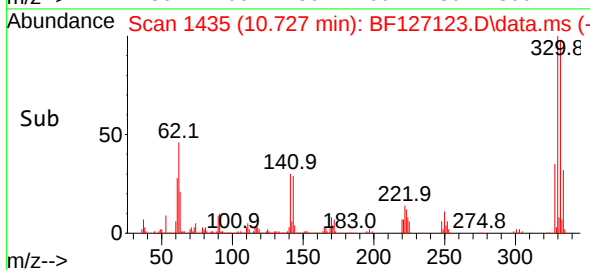
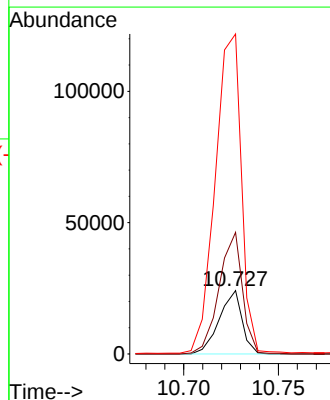
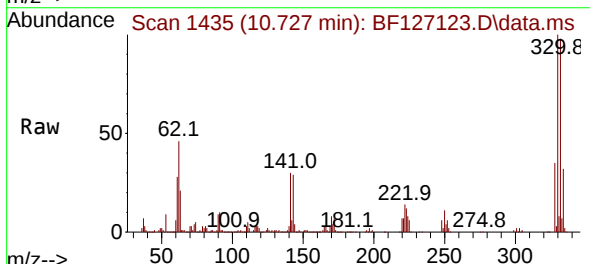
Instrument :
BNA_F
ClientSampleId :
MW-32

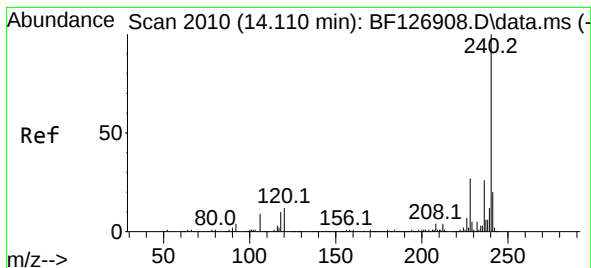
Tgt Ion:188 Resp: 323810
Ion Ratio Lower Upper
188 100
94 10.1 10.1 15.1
80 11.6 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 5.599 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.241 min
Lab File: BF127123.D
Acq: 01 Mar 2022 18:34

Tgt Ion:248 Resp: 20255
Ion Ratio Lower Upper
248 100
250 192.0 76.2 114.4#
141 505.3 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF127123.D

Acq: 01 Mar 2022 18:34

Instrument :

BNA_F

ClientSampleId :

MW-32

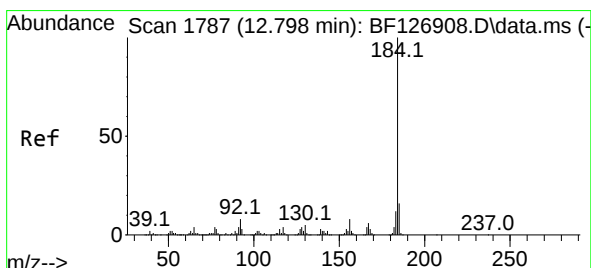
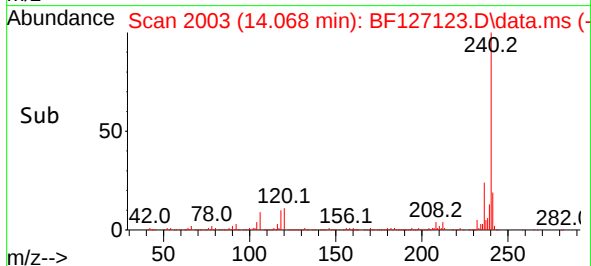
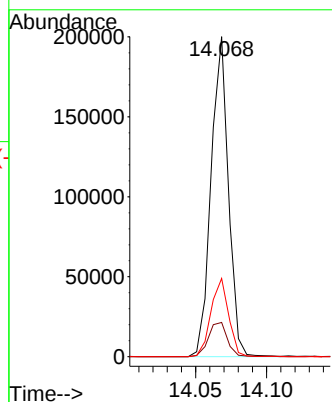
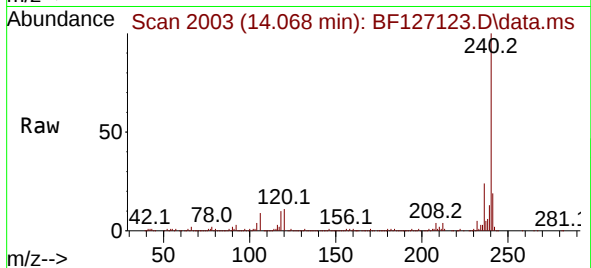
Tgt Ion:240 Resp: 169554

Ion Ratio Lower Upper

240 100

120 10.7 14.4 21.6#

236 24.5 20.5 30.7



#77

Benzdine

Concen: 4.013 ng

RT: 13.010 min Scan# 1823

Delta R.T. 0.247 min

Lab File: BF127123.D

Acq: 01 Mar 2022 18:34

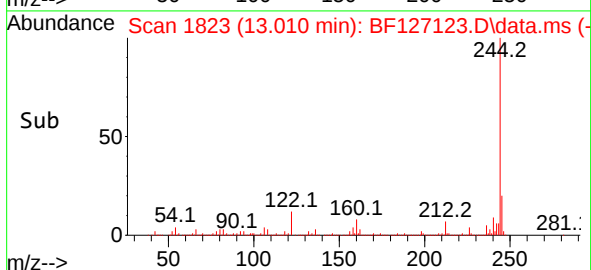
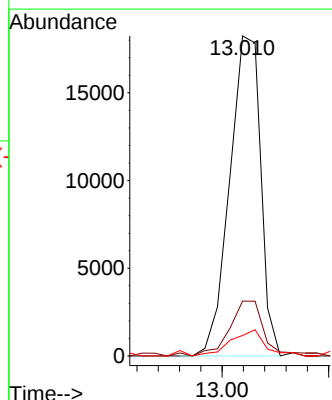
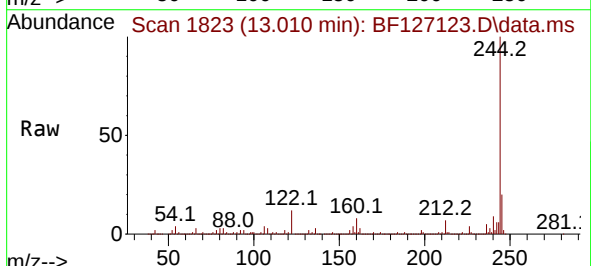
Tgt Ion:184 Resp: 18489

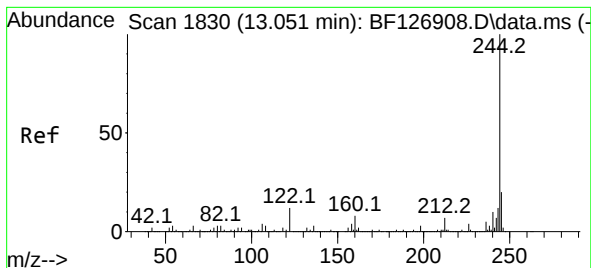
Ion Ratio Lower Upper

184 100

185 17.2 11.8 17.8

183 6.4 8.2 12.2#





#79

Terphenyl-d14

Concen: 110.025 ng

RT: 13.015 min Scan# 1824

Delta R.T. -0.000 min

Lab File: BF127123.D

Acq: 01 Mar 2022 18:34

Instrument :

BNA_F

ClientSampleId :

MW-32

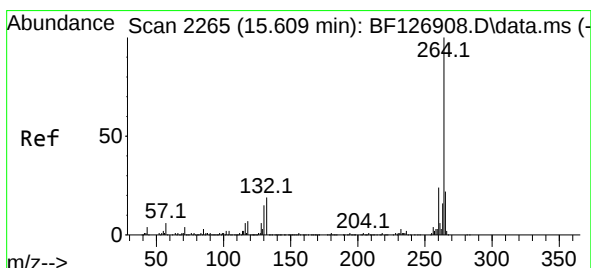
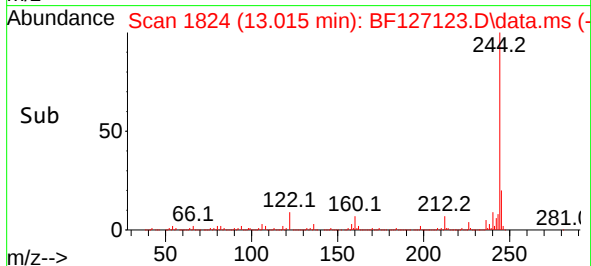
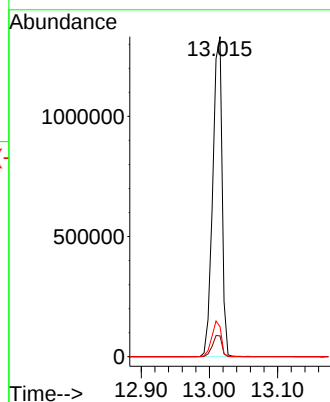
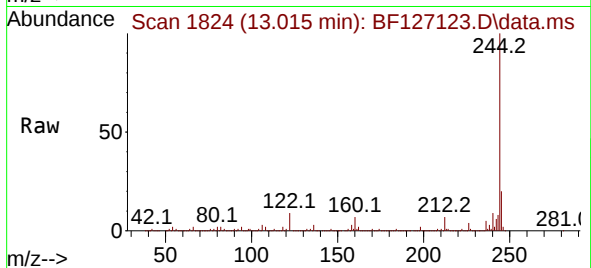
Tgt Ion:244 Resp: 1269021

Ion Ratio Lower Upper

244 100

212 6.5 5.0 7.4

122 9.4 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: BF127123.D

Acq: 01 Mar 2022 18:34

Tgt Ion:264 Resp: 168503

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.1 17.4 26.2

