

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
 Data File : BF127125.D
 Acq On : 01 Mar 2022 19:31
 Operator : CG\JU
 Sample : N1688-14
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-31

Quant Time: Mar 02 00:01:45 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)

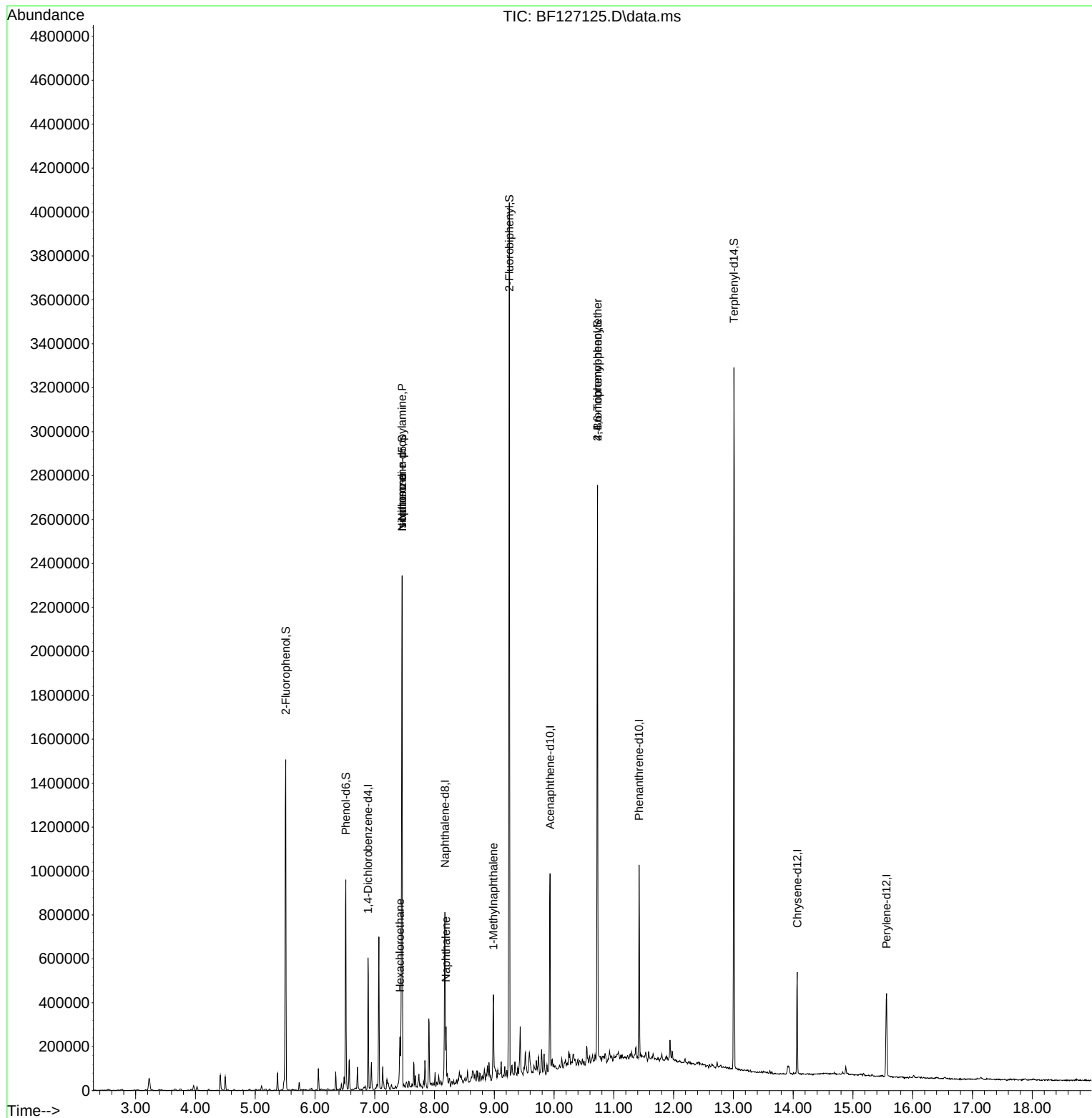
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	79464	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	323922	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	163396	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	278292	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	149326	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	158931	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	345892	67.276	ng	0.00
7) Phenol-d6	6.516	99	280644	40.453	ng	0.00
23) Nitrobenzene-d5	7.457	82	694210	96.736	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	309395	164.460	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1069346	96.345	ng	0.00
79) Terphenyl-d14	13.010	244	1088159	107.124	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.422	117	14746	6.377	ng	# 1
19) n-Nitroso-di-n-propyla...	7.457	70	93077	20.821	ng	# 79
25) Isophorone	7.457	82	691076	58.196	ng	# 69
31) Naphthalene	8.192	128	80705	4.773	ng	99
38) 1-Methylnaphthalene	8.986	142	56727	5.399	ng	93
67) 4-Bromophenyl-phenylether	10.727	248	18480	5.943	ng	# 1

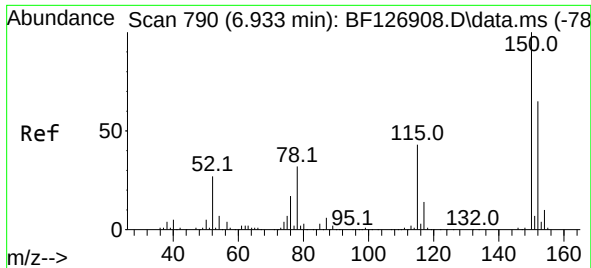
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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Quant Time: Mar 02 00:01:45 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

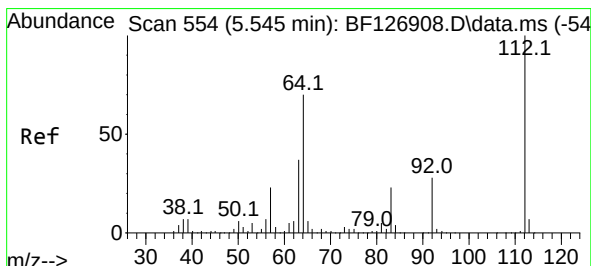
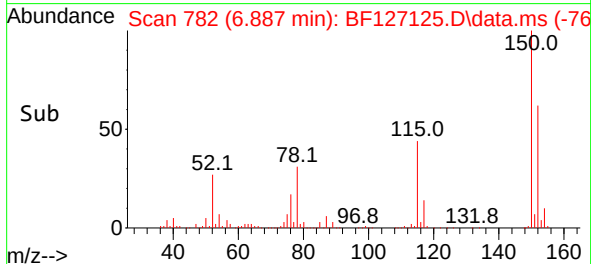
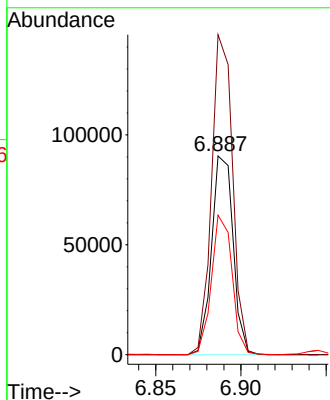
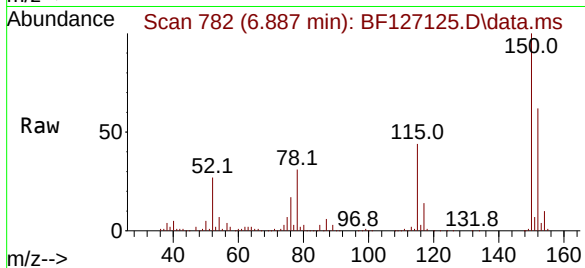




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127125.D
Acq: 01 Mar 2022 19:31

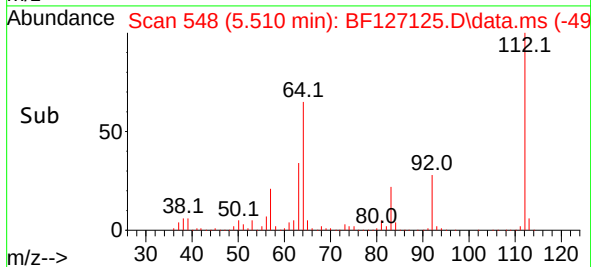
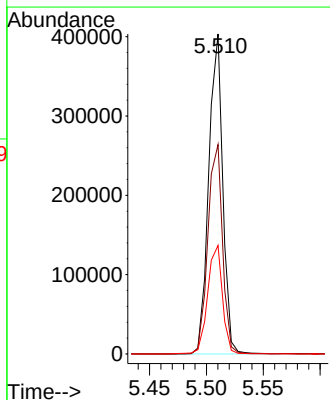
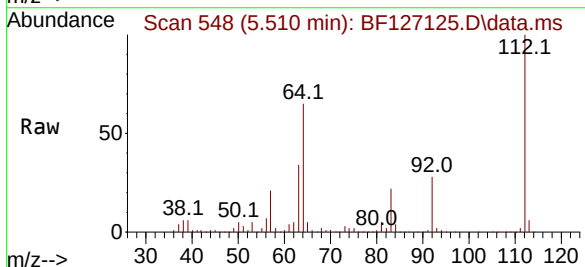
Instrument :
BNA_F
ClientSampleId :
MW-31

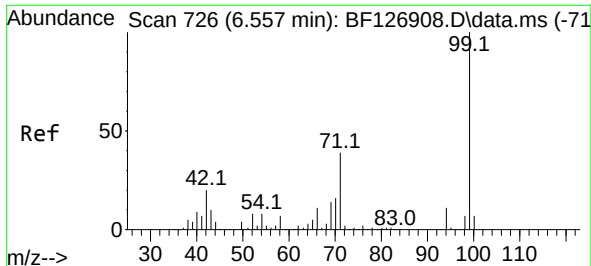
Tgt Ion:152 Resp: 79464
Ion Ratio Lower Upper
152 100
150 161.0 128.1 192.1
115 70.2 56.7 85.1



#5
2-Fluorophenol
Concen: 67.276 ng
RT: 5.510 min Scan# 548
Delta R.T. -0.000 min
Lab File: BF127125.D
Acq: 01 Mar 2022 19:31

Tgt Ion:112 Resp: 345892
Ion Ratio Lower Upper
112 100
64 65.5 49.5 74.3
63 33.9 23.9 35.9

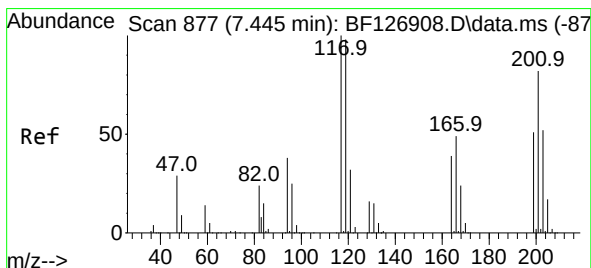
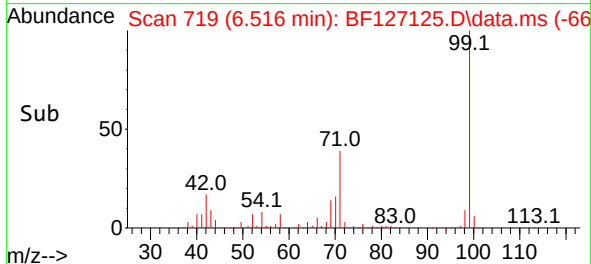
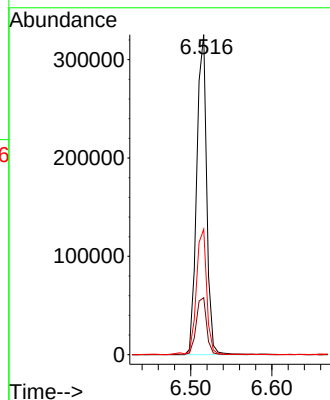
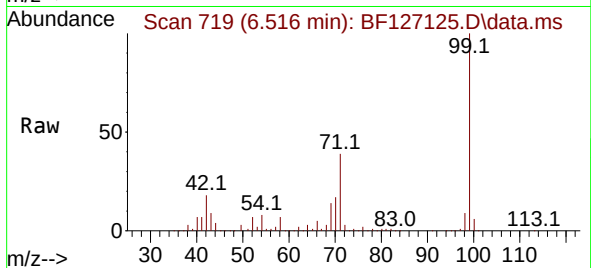




#7
Phenol-d6
Concen: 40.453 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127125.D
Acq: 01 Mar 2022 19:31

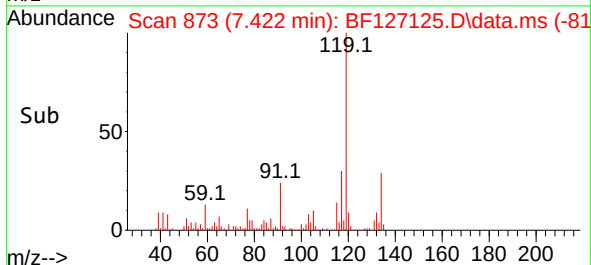
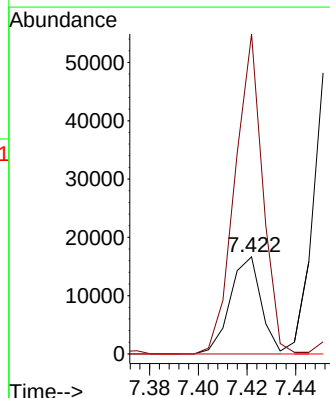
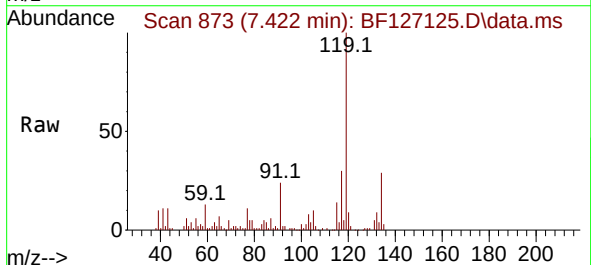
Instrument :
BNA_F
ClientSampleId :
MW-31

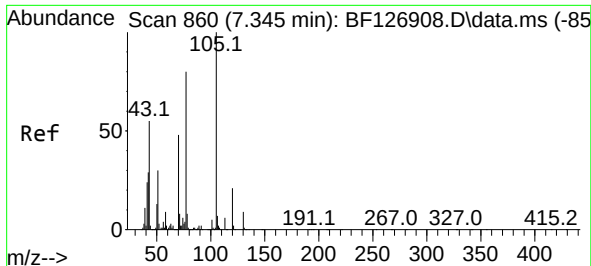
Tgt Ion: 99 Resp: 280644
Ion Ratio Lower Upper
99 100
42 17.8 14.2 21.4
71 39.2 24.3 36.5#



#18
Hexachloroethane
Concen: 6.377 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.018 min
Lab File: BF127125.D
Acq: 01 Mar 2022 19:31

Tgt Ion: 117 Resp: 14746
Ion Ratio Lower Upper
117 100
119 329.2 75.4 113.0#
201 0.0 56.8 85.2#

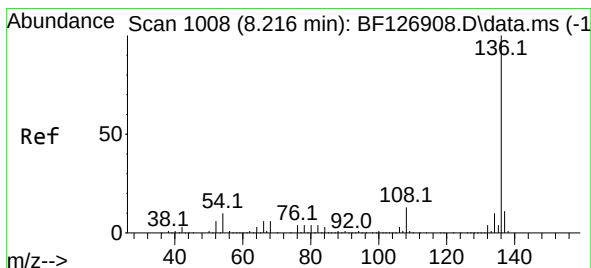
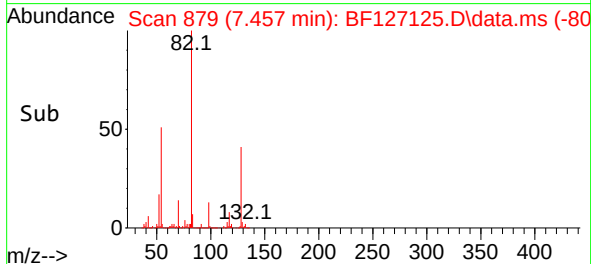
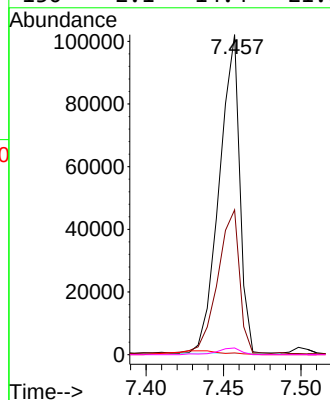
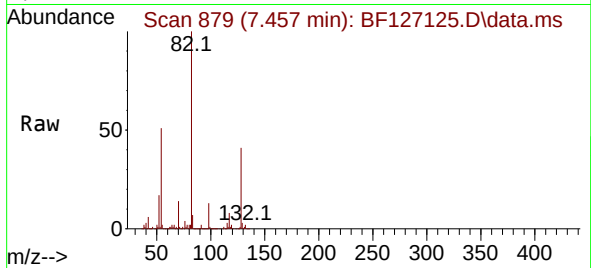




#19
n-Nitroso-di-n-propylamine
Concen: 20.821 ng
RT: 7.457 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127125.D
Acq: 01 Mar 2022 19:31

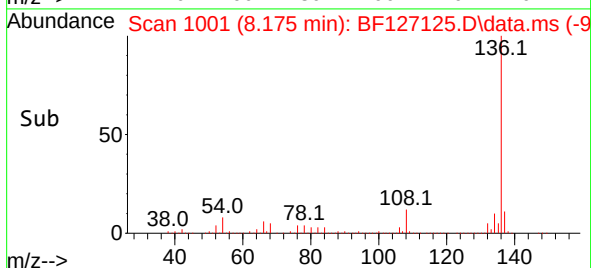
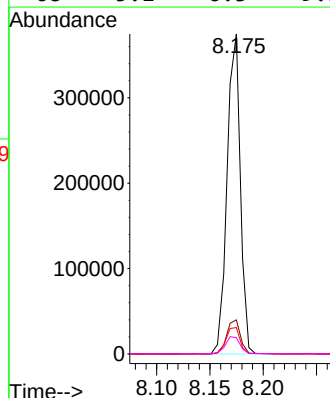
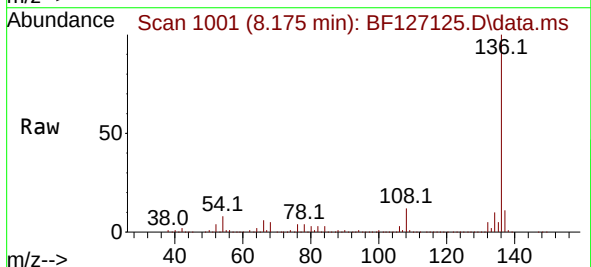
Instrument :
BNA_F
ClientSampleId :
MW-31

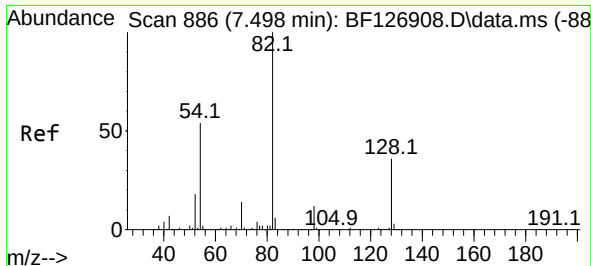
Tgt Ion: 70 Resp: 93077
Ion Ratio Lower Upper
70 100
42 45.3 45.8 68.8#
101 0.5 6.9 10.3#
130 2.1 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127125.D
Acq: 01 Mar 2022 19:31

Tgt Ion:136 Resp: 323922
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.3 7.8 11.6
68 5.1 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 96.736 ng

RT: 7.457 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127125.D

Acq: 01 Mar 2022 19:31

Instrument :

BNA_F

ClientSampleId :

MW-31

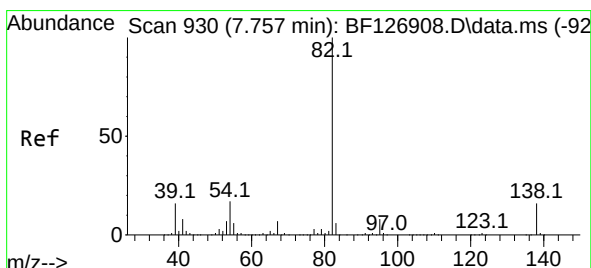
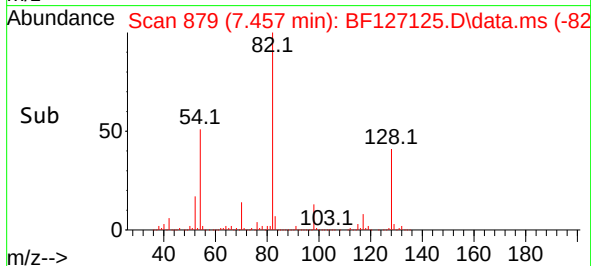
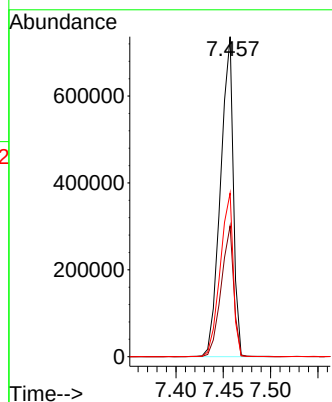
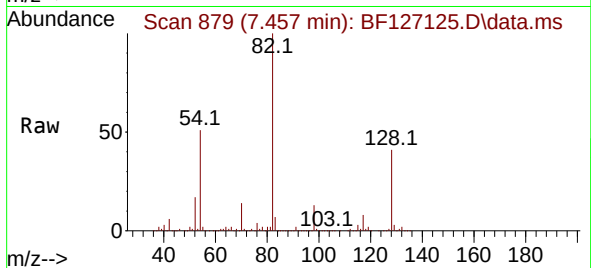
Tgt Ion: 82 Resp: 694210

Ion Ratio Lower Upper

82 100

128 40.9 32.7 49.1

54 51.2 41.7 62.5



#25

Isophorone

Concen: 58.196 ng

RT: 7.457 min Scan# 879

Delta R.T. -0.259 min

Lab File: BF127125.D

Acq: 01 Mar 2022 19:31

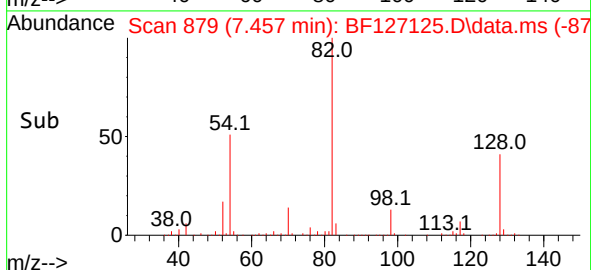
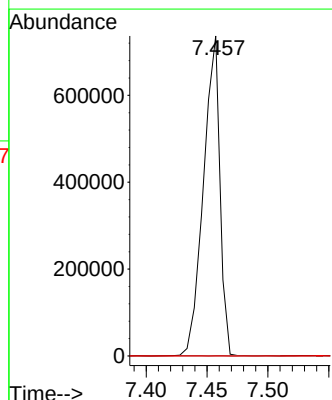
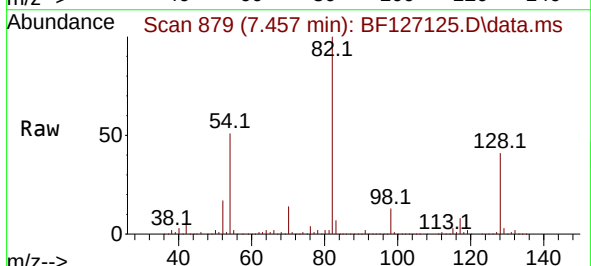
Tgt Ion: 82 Resp: 691076

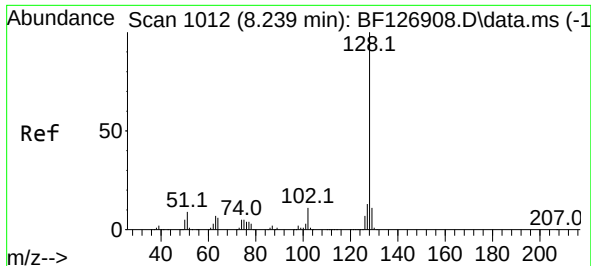
Ion Ratio Lower Upper

82 100

95 0.1 5.0 7.4#

138 0.0 12.3 18.5#

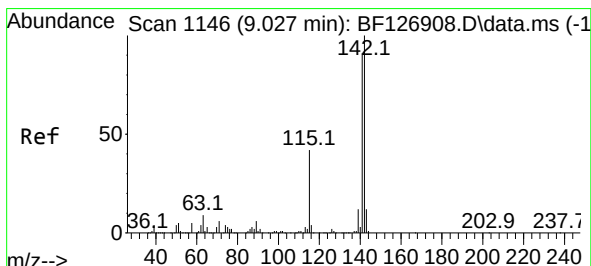
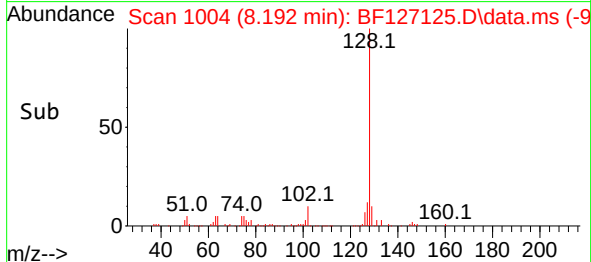
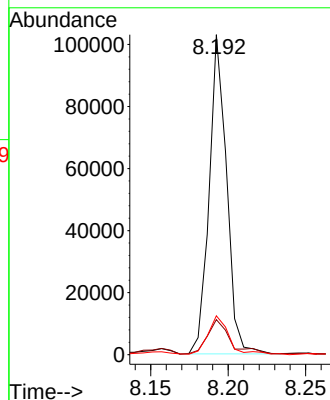
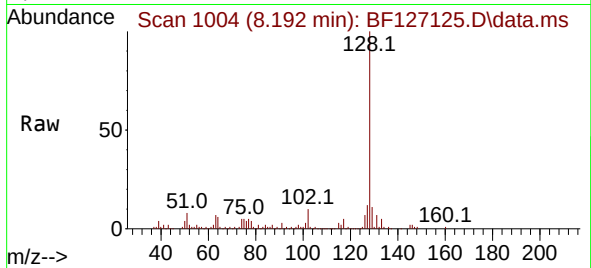




#31
Naphthalene
Concen: 4.773 ng
RT: 8.192 min Scan# 1012
Delta R.T. -0.006 min
Lab File: BF127125.D
Acq: 01 Mar 2022 19:31

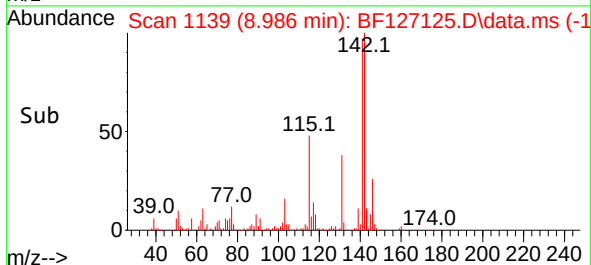
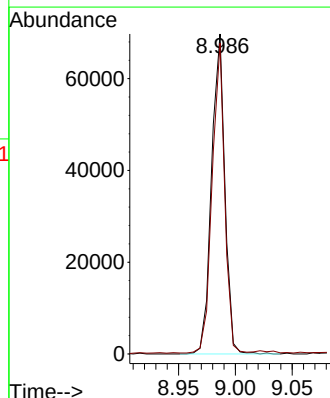
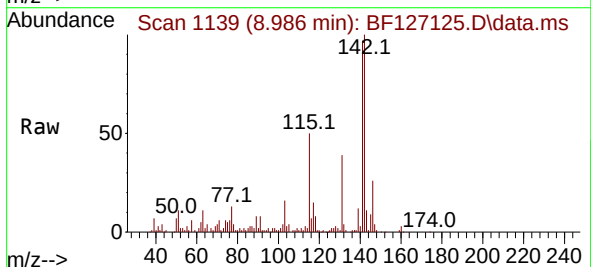
Instrument :
BNA_F
ClientSampleId :
MW-31

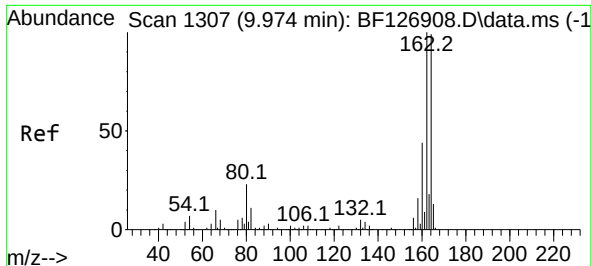
Tgt Ion:128 Resp: 80705
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.1 10.3 15.5



#38
1-Methylnaphthalene
Concen: 5.399 ng
RT: 8.986 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF127125.D
Acq: 01 Mar 2022 19:31

Tgt Ion:142 Resp: 56727
Ion Ratio Lower Upper
142 100
141 97.1 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.933 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127125.D

Acq: 01 Mar 2022 19:31

Instrument :

BNA_F

ClientSampleId :

MW-31

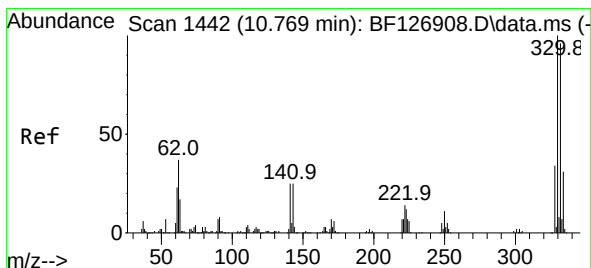
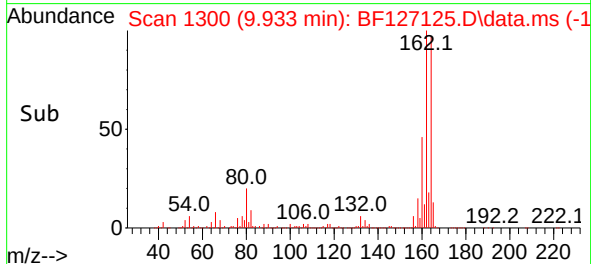
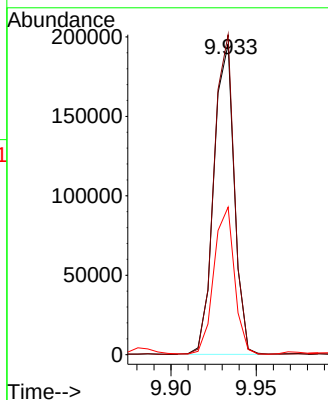
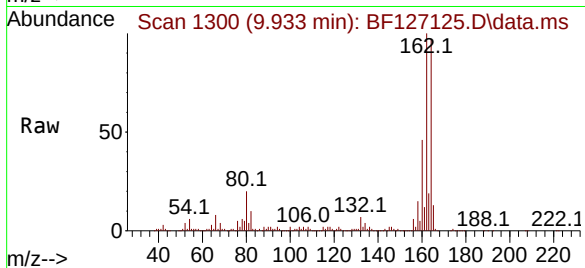
Tgt Ion:164 Resp: 163396

Ion Ratio Lower Upper

164 100

162 103.0 81.4 122.0

160 47.5 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 164.460 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.000 min

Lab File: BF127125.D

Acq: 01 Mar 2022 19:31

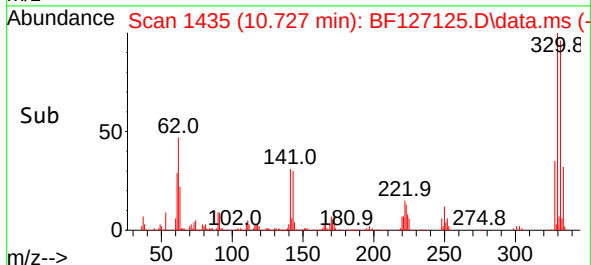
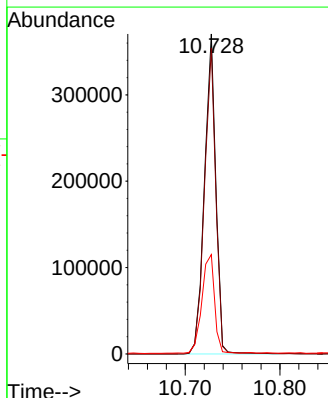
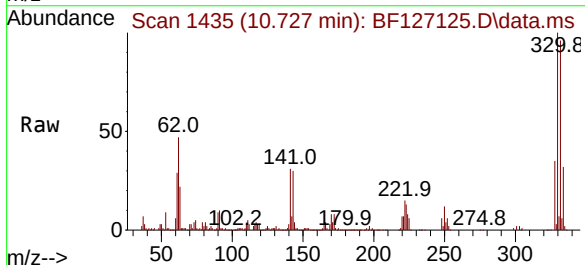
Tgt Ion:330 Resp: 309395

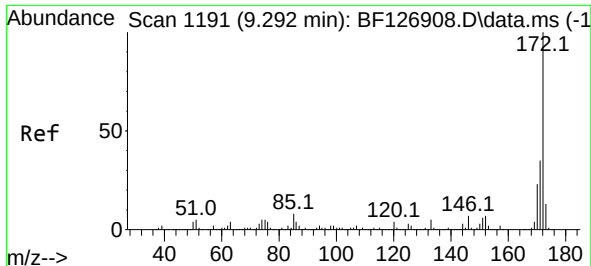
Ion Ratio Lower Upper

330 100

332 95.6 76.0 114.0

141 34.8 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 96.345 ng

RT: 9.251 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF127125.D

Acq: 01 Mar 2022 19:31

Instrument :

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MW-31

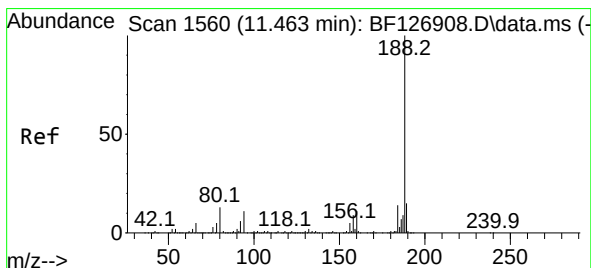
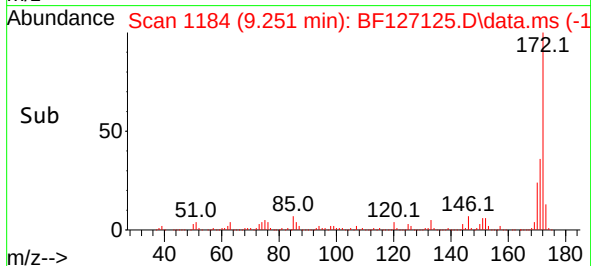
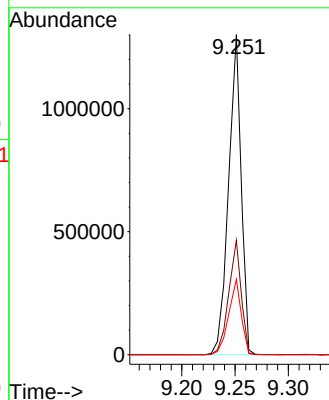
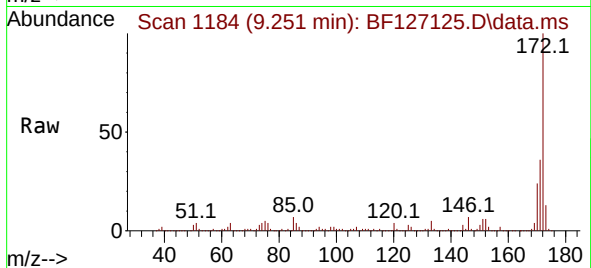
Tgt Ion:172 Resp: 1069346

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

170 23.6 19.0 28.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1553

Delta R.T. -0.006 min

Lab File: BF127125.D

Acq: 01 Mar 2022 19:31

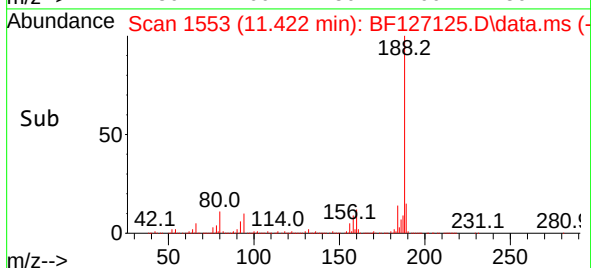
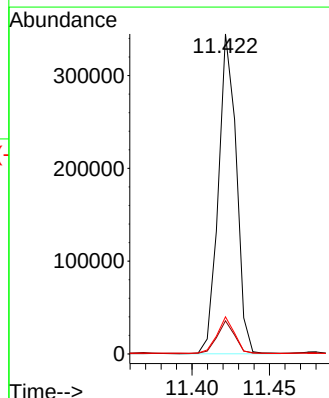
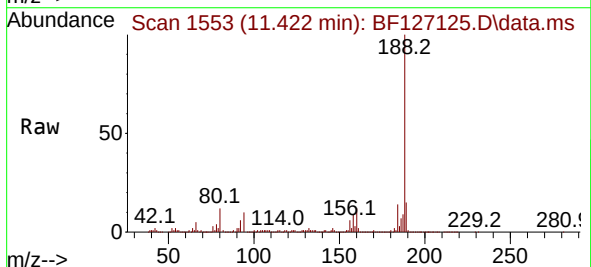
Tgt Ion:188 Resp: 278292

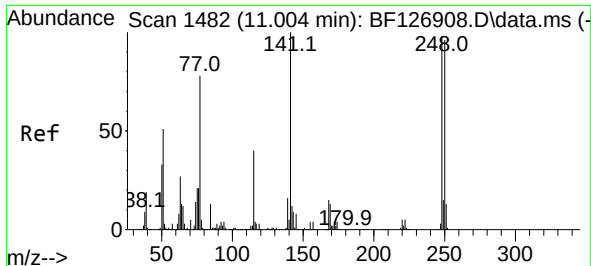
Ion Ratio Lower Upper

188 100

94 10.4 10.1 15.1

80 11.6 11.8 17.6#

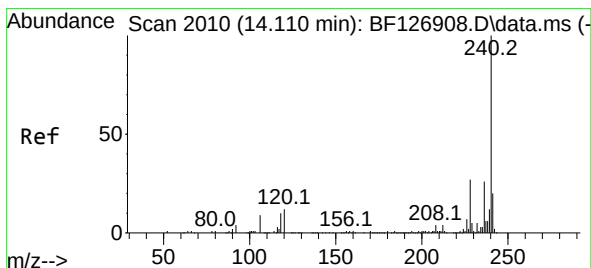
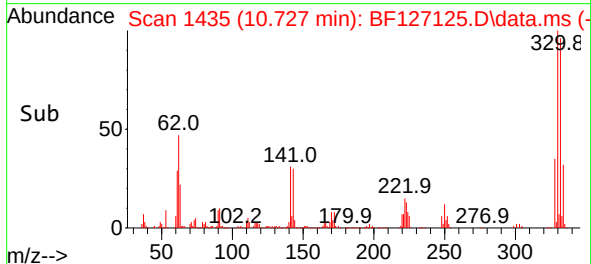
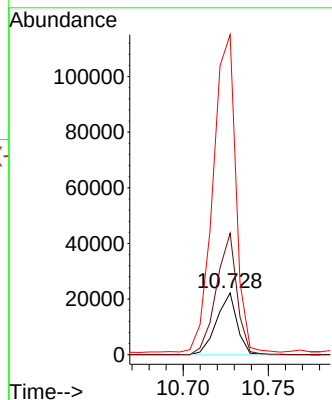
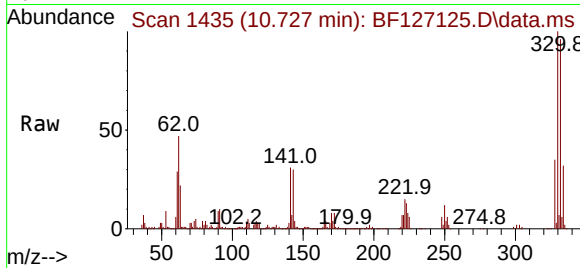




#67
4-Bromophenyl-phenylether
Concen: 5.943 ng
RT: 10.727 min Scan# 1482
Delta R.T. -0.241 min
Lab File: BF127125.D
Acq: 01 Mar 2022 19:31

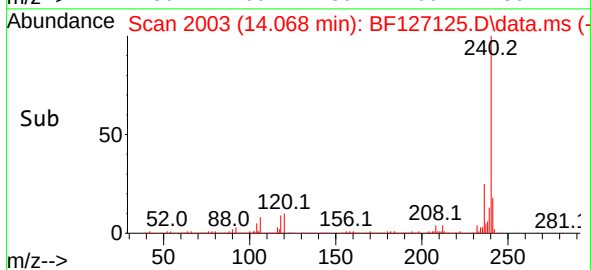
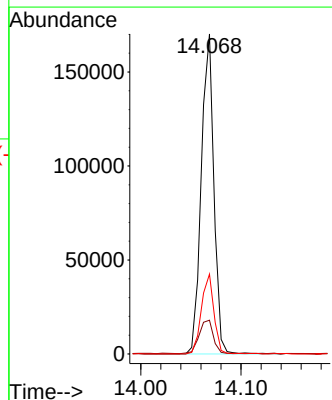
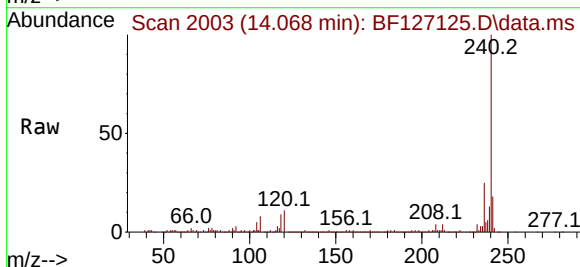
Instrument :
BNA_F
ClientSampleId :
MW-31

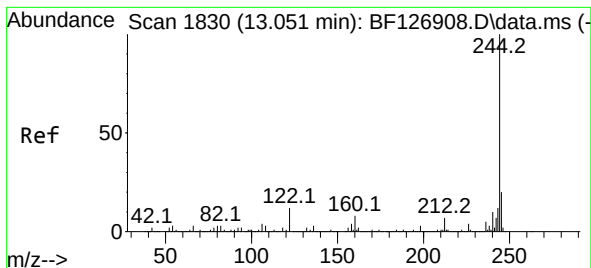
Tgt Ion:248 Resp: 18480
Ion Ratio Lower Upper
248 100
250 197.1 76.2 114.4#
141 519.4 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF127125.D
Acq: 01 Mar 2022 19:31

Tgt Ion:240 Resp: 149326
Ion Ratio Lower Upper
240 100
120 10.5 14.4 21.6#
236 25.0 20.5 30.7





#79

Terphenyl-d14

Concen: 107.124 ng

RT: 13.010 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127125.D

Acq: 01 Mar 2022 19:31

Instrument :

BNA_F

ClientSampleId :

MW-31

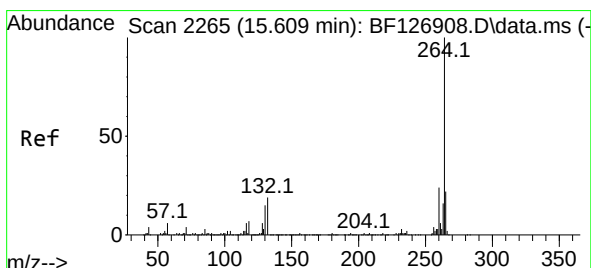
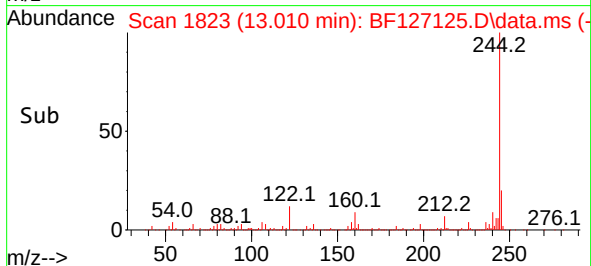
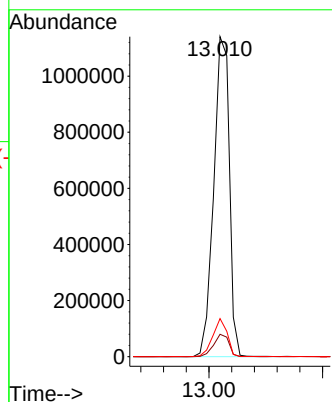
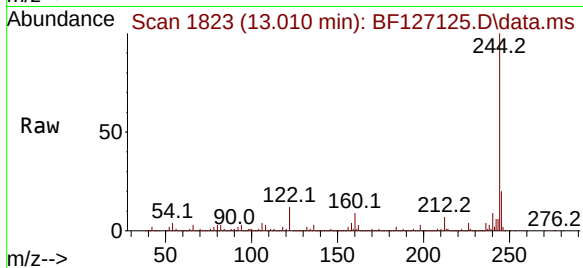
Tgt Ion:244 Resp: 1088159

Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

122 11.9 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: BF127125.D

Acq: 01 Mar 2022 19:31

Tgt Ion:264 Resp: 158931

Ion Ratio Lower Upper

264 100

260 22.6 19.2 28.8

265 21.2 17.4 26.2

