

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030222\
 Data File : BF127142.D
 Acq On : 02 Mar 2022 12:47
 Operator : CG\JU
 Sample : N1688-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-28

Quant Time: Mar 03 00:56:09 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)

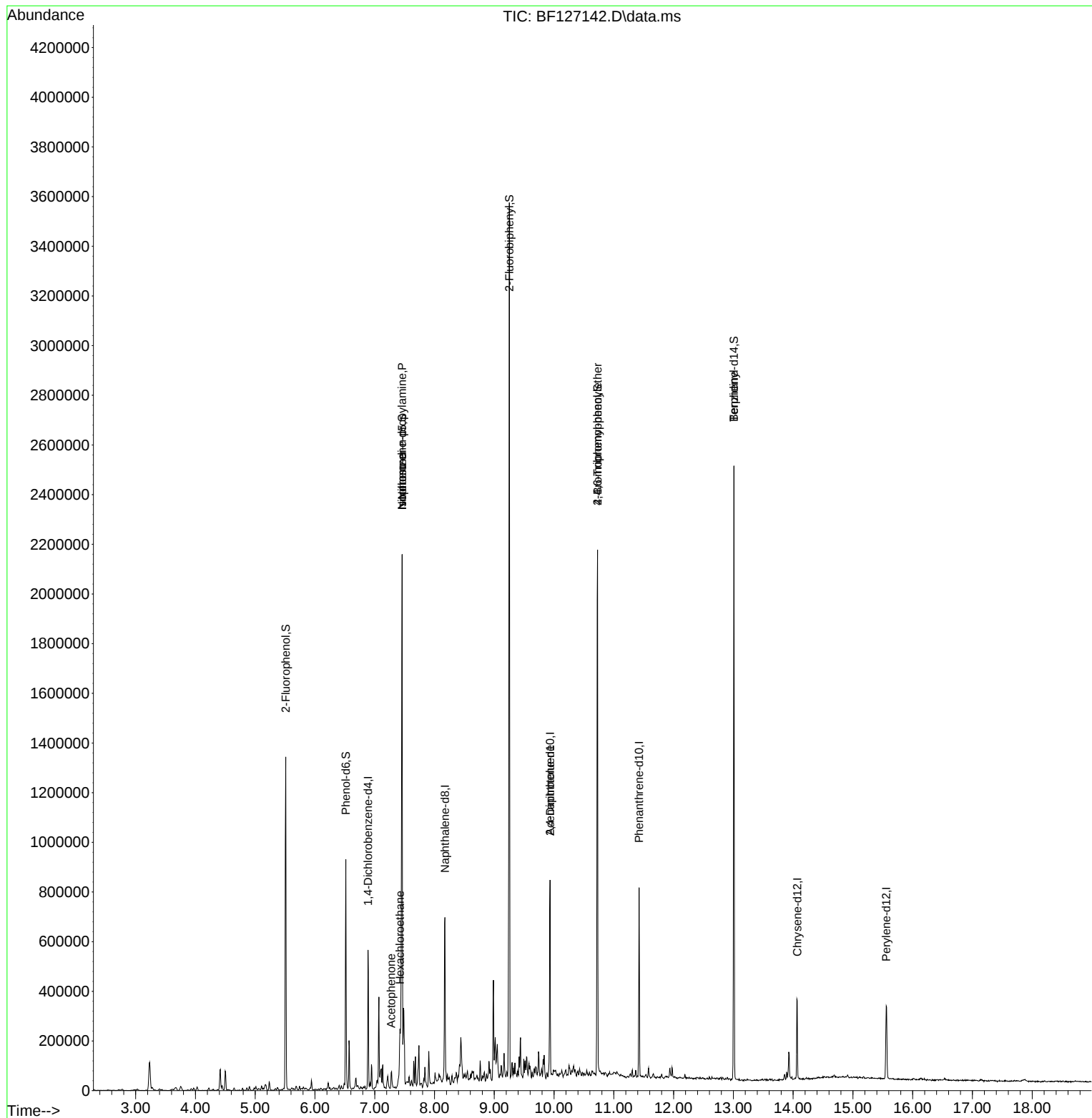
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	73593	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	288286	20.000	ng	# 0.00
39) Acenaphthene-d10	9.934	164	145313	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	233289	20.000	ng	# 0.00
76) Chrysene-d12	14.069	240	108811	20.000	ng	# 0.00
86) Perylene-d12	15.557	264	133279	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	309127	64.922	ng	0.00
7) Phenol-d6	6.516	99	246532	38.371	ng	0.00
23) Nitrobenzene-d5	7.457	82	604422	94.635	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	256026	153.027	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	964768	97.740	ng	0.00
79) Terphenyl-d14	13.010	244	723755	97.779	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.422	117	8800	4.109	ng	# 1
19) n-Nitroso-di-n-propyla...	7.457	70	90868	21.948	ng	# 80
22) Acetophenone	7.275	105	22974	3.027	ng	# 55
25) Isophorone	7.457	82	600387	56.809	ng	# 69
57) 2,4-Dinitrotoluene	9.934	165	18988	6.646	ng	# 18
67) 4-Bromophenyl-phenylether	10.728	248	14934	5.729	ng	# 1
77) Benzidine	13.010	184	11024	3.728	ng	# 90

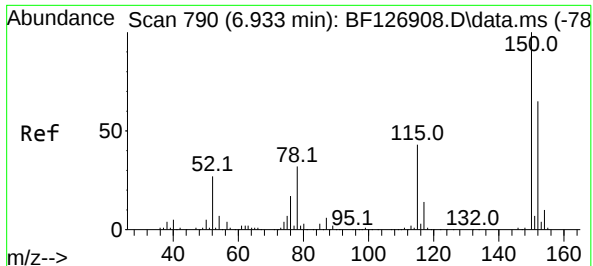
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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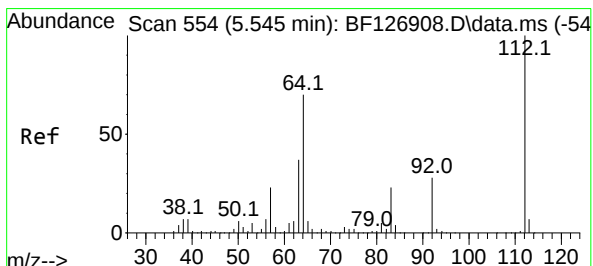
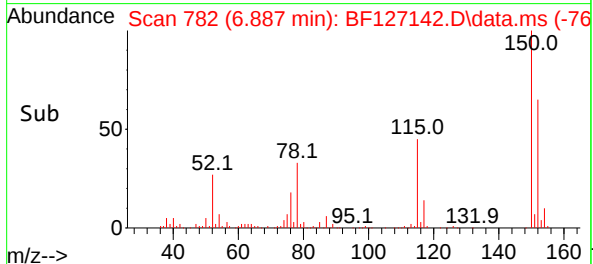
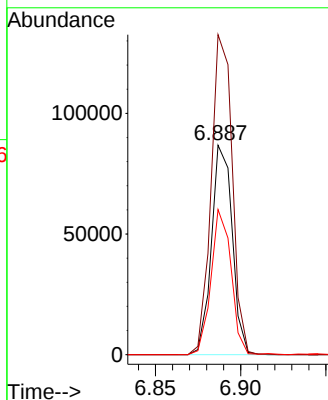
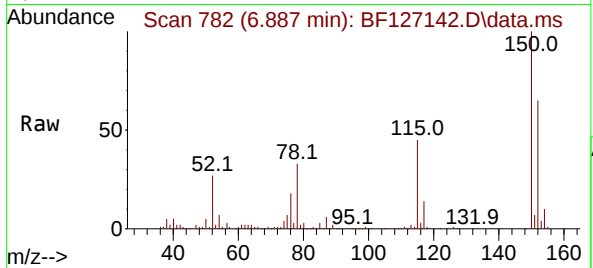




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127142.D
Acq: 02 Mar 2022 12:47

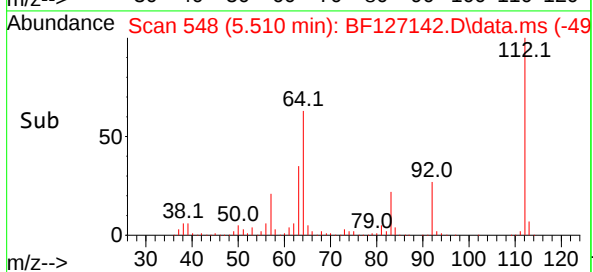
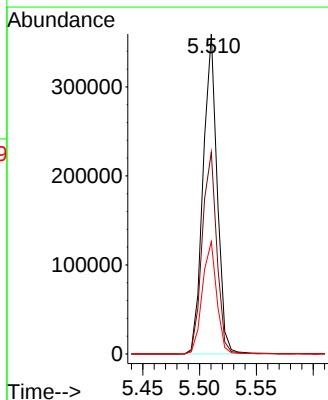
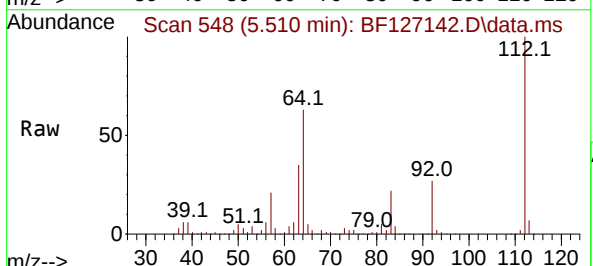
Instrument :
BNA_F
ClientSampleId :
MW-28

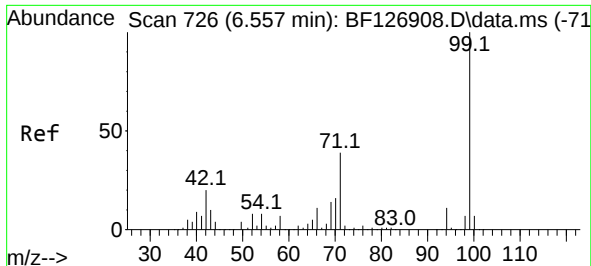
Tgt Ion:152 Resp: 73593
Ion Ratio Lower Upper
152 100
150 152.8 128.1 192.1
115 69.3 56.7 85.1



#5
2-Fluorophenol
Concen: 64.922 ng
RT: 5.510 min Scan# 548
Delta R.T. 0.000 min
Lab File: BF127142.D
Acq: 02 Mar 2022 12:47

Tgt Ion:112 Resp: 309127
Ion Ratio Lower Upper
112 100
64 63.1 49.5 74.3
63 35.1 23.9 35.9

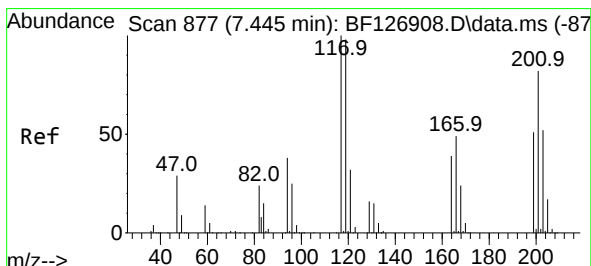
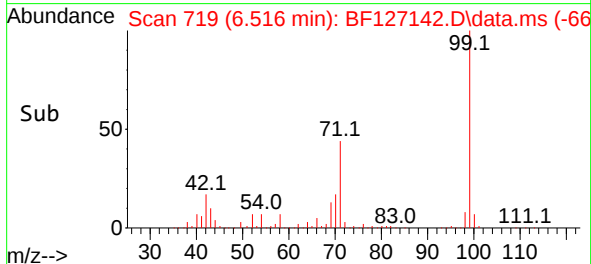
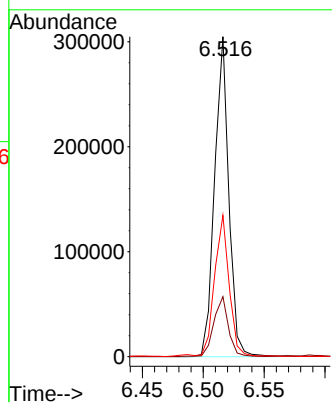
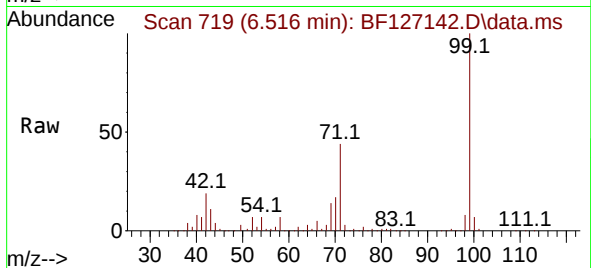




#7
Phenol-d6
Concen: 38.371 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127142.D
Acq: 02 Mar 2022 12:47

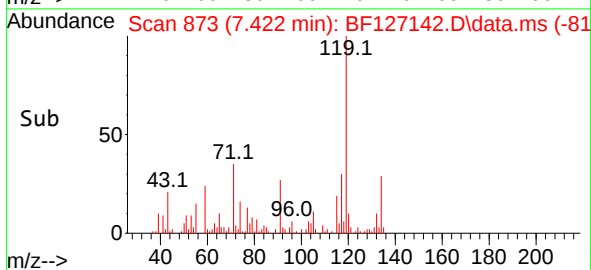
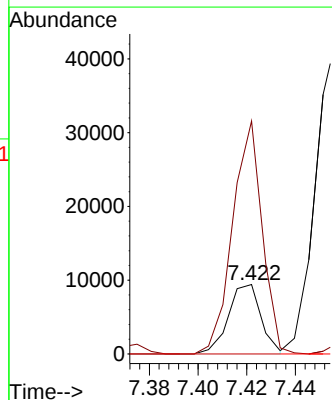
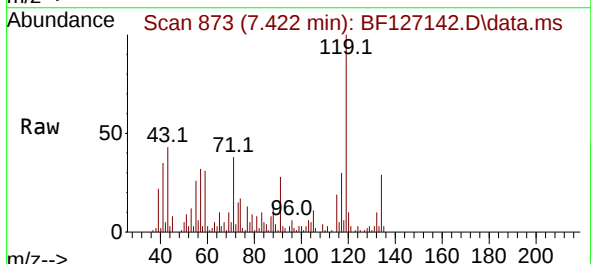
Instrument :
BNA_F
ClientSampleId :
MW-28

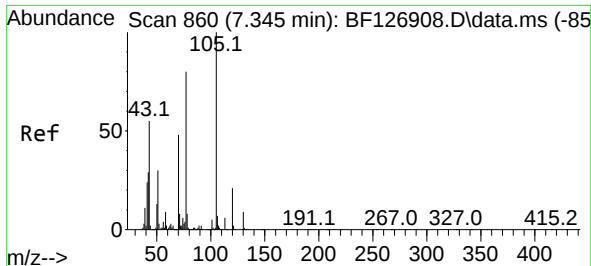
Tgt Ion: 99 Resp: 246532
Ion Ratio Lower Upper
99 100
42 18.8 14.2 21.4
71 44.2 24.3 36.5#



#18
Hexachloroethane
Concen: 4.109 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.018 min
Lab File: BF127142.D
Acq: 02 Mar 2022 12:47

Tgt Ion: 117 Resp: 8800
Ion Ratio Lower Upper
117 100
119 335.5 75.4 113.0#
201 0.0 56.8 85.2#

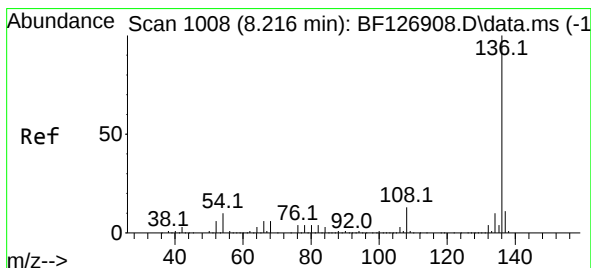
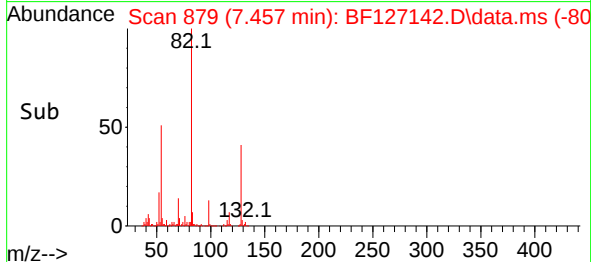
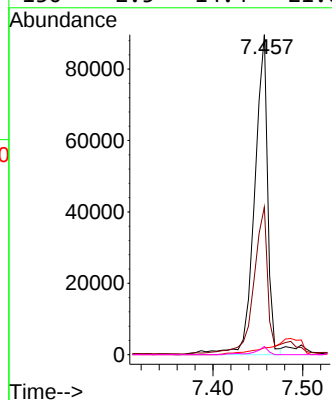
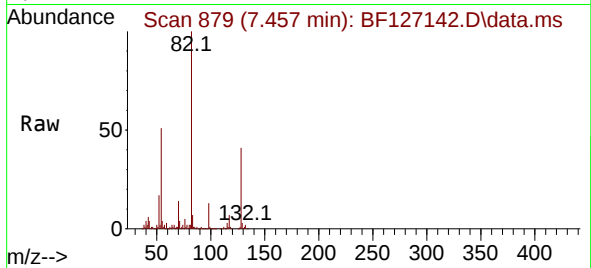




#19
n-Nitroso-di-n-propylamine
Concen: 21.948 ng
RT: 7.457 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127142.D
Acq: 02 Mar 2022 12:47

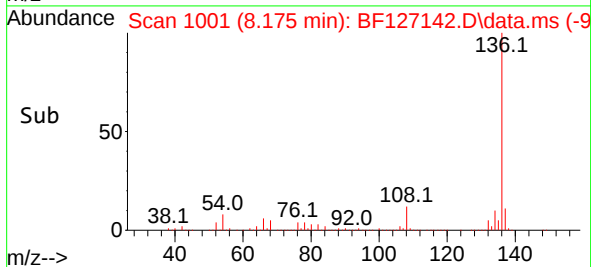
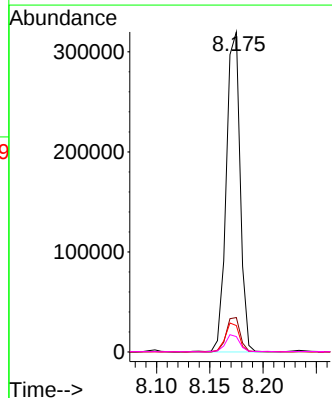
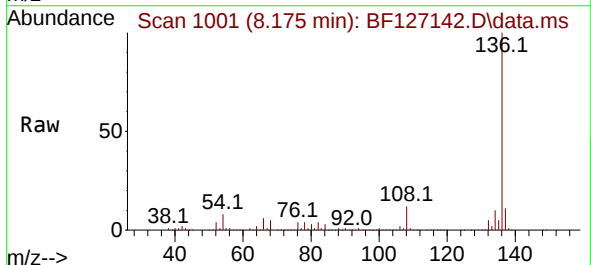
Instrument :
BNA_F
ClientSampleId :
MW-28

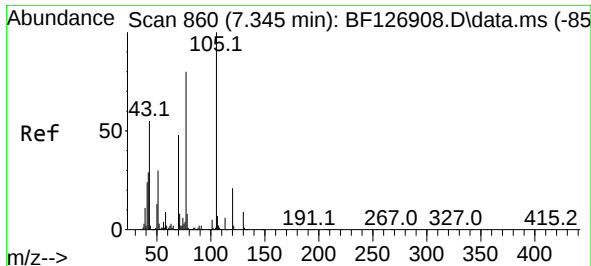
Tgt Ion: 70 Resp: 90868
Ion Ratio Lower Upper
70 100
42 46.2 45.8 68.8
101 2.2 6.9 10.3#
130 2.5 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. 0.000 min
Lab File: BF127142.D
Acq: 02 Mar 2022 12:47

Tgt Ion:136 Resp: 288286
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.2 7.8 11.6
68 4.8 6.3 9.5#

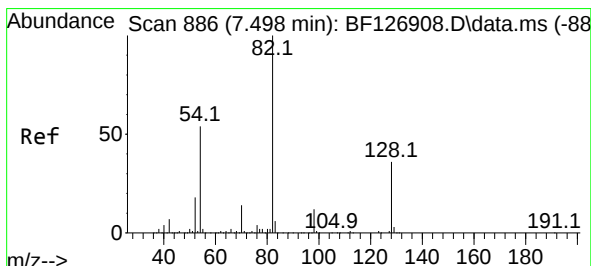
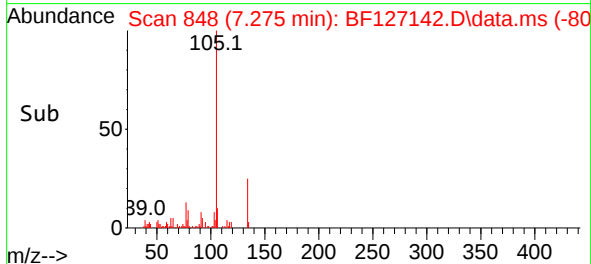
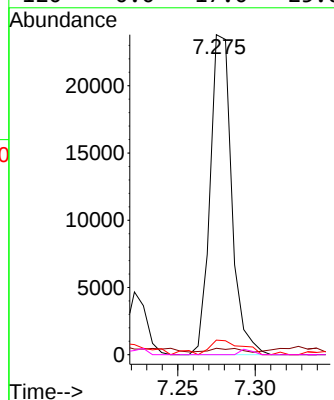
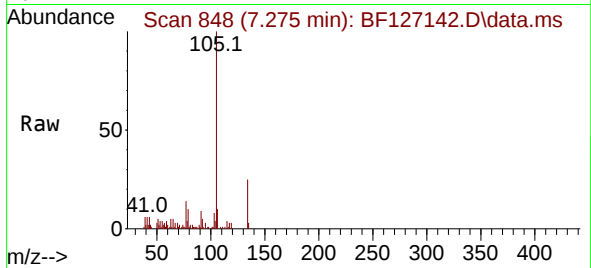




#22
Acetophenone
Concen: 3.027 ng
RT: 7.275 min Scan# 84
Delta R.T. -0.029 min
Lab File: BF127142.D
Acq: 02 Mar 2022 12:47

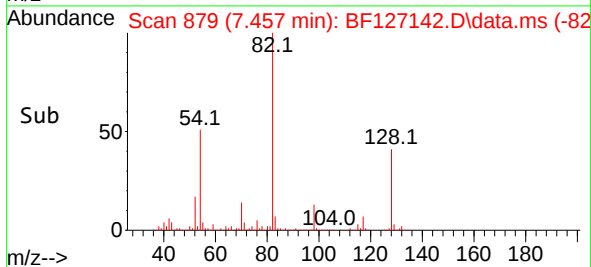
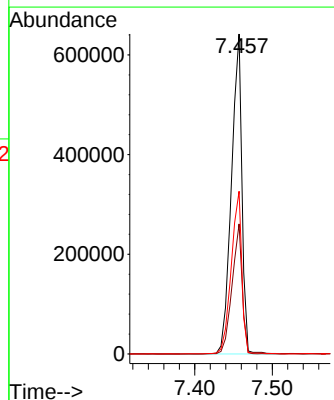
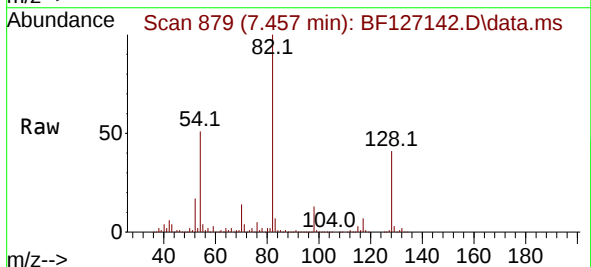
Instrument :
BNA_F
ClientSampleId :
MW-28

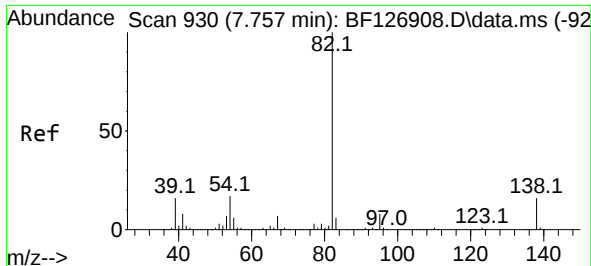
Tgt Ion:105 Resp: 22974
Ion Ratio Lower Upper
105 100
71 2.0 5.4 8.0#
51 4.5 27.4 41.0#
120 0.0 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 94.635 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF127142.D
Acq: 02 Mar 2022 12:47

Tgt Ion: 82 Resp: 604422
Ion Ratio Lower Upper
82 100
128 40.6 32.7 49.1
54 50.9 41.7 62.5

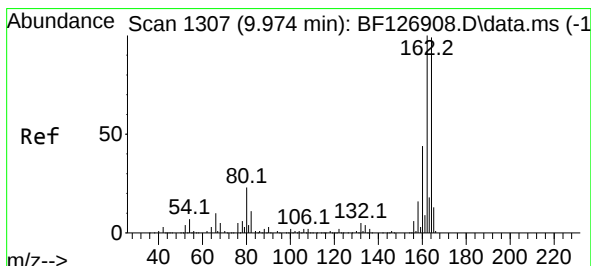
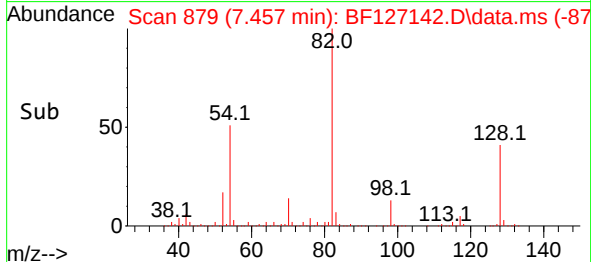
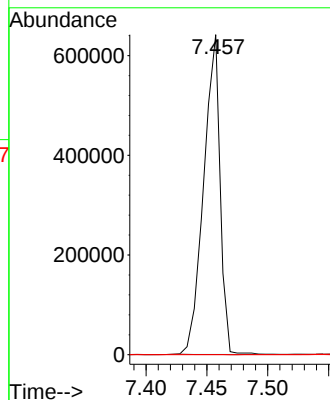
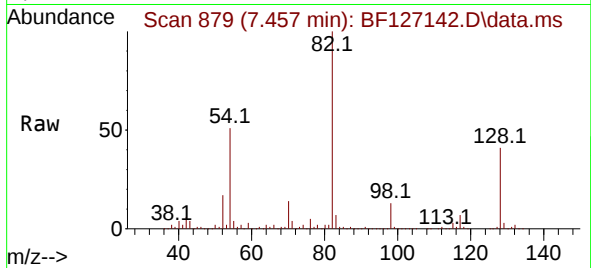




#25
Isophorone
Concen: 56.809 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127142.D
Acq: 02 Mar 2022 12:47

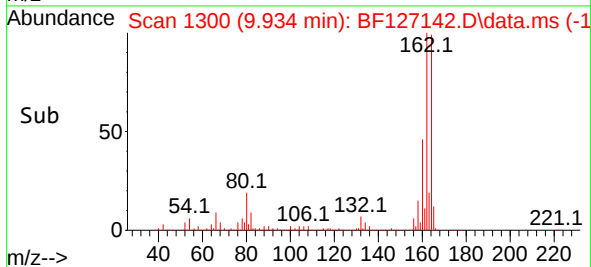
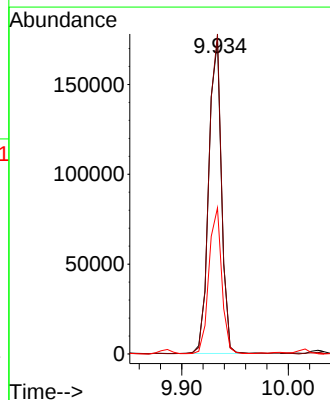
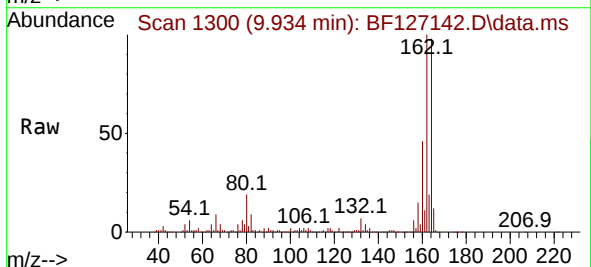
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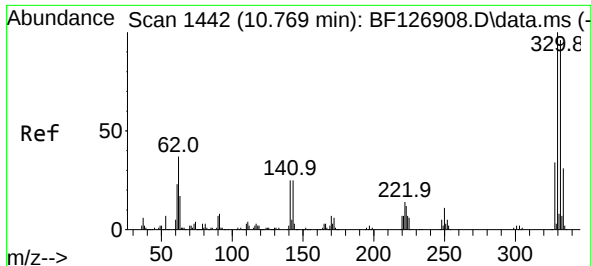
Tgt Ion: 82 Resp: 600387
Ion Ratio Lower Upper
82 100
95 0.1 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.934 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF127142.D
Acq: 02 Mar 2022 12:47

Tgt Ion:164 Resp: 145313
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.0
160 46.6 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 153.027 ng

RT: 10.728 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BF127142.D

Acq: 02 Mar 2022 12:47

Instrument :

BNA_F

ClientSampleId :

MW-28

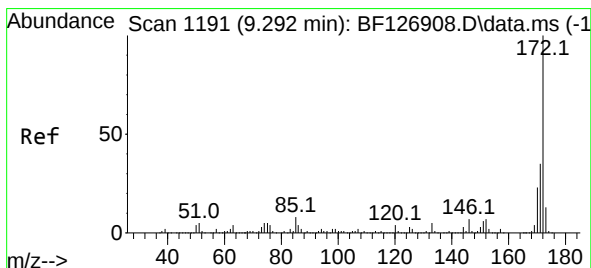
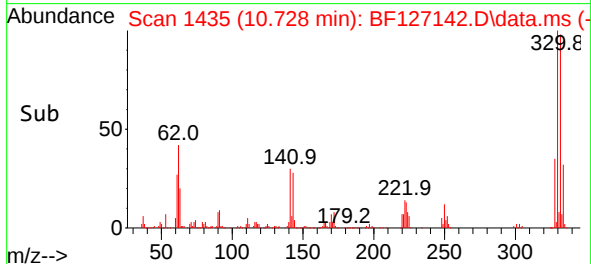
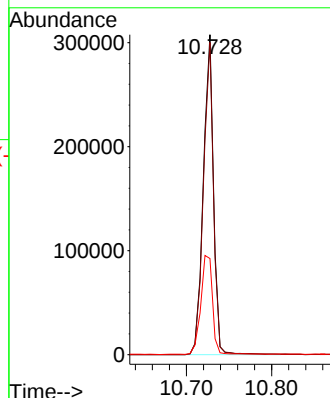
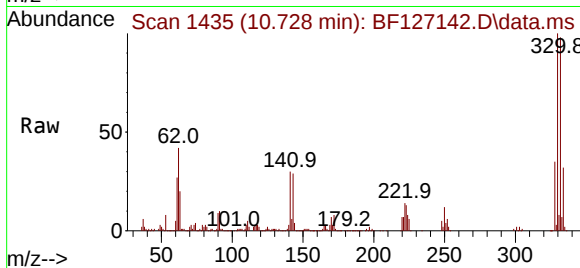
Tgt Ion:330 Resp: 256026

Ion Ratio Lower Upper

330 100

332 96.2 76.0 114.0

141 35.2 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 97.740 ng

RT: 9.251 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF127142.D

Acq: 02 Mar 2022 12:47

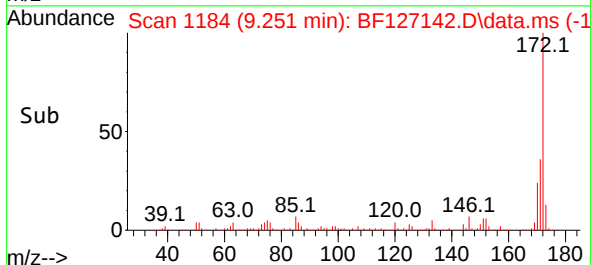
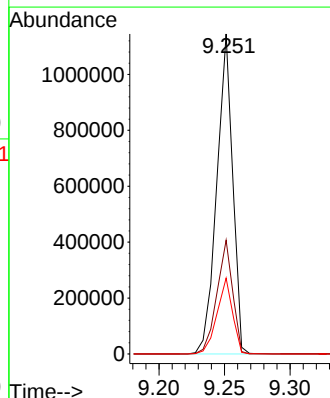
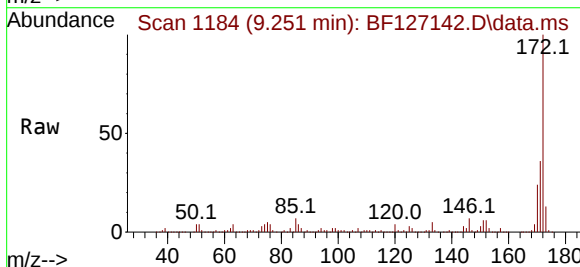
Tgt Ion:172 Resp: 964768

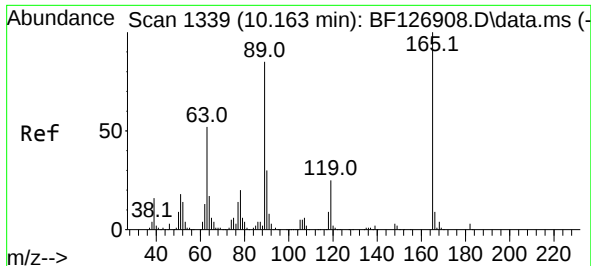
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.7 19.0 28.6

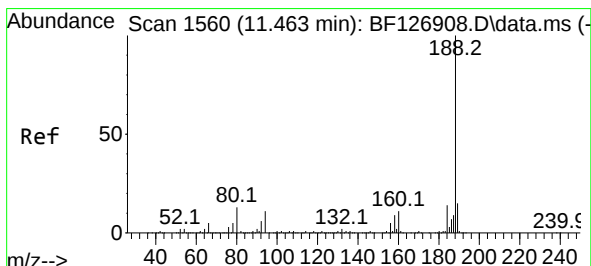
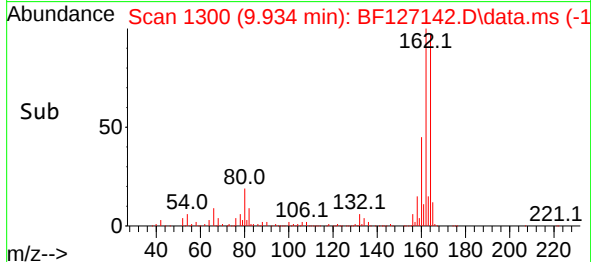
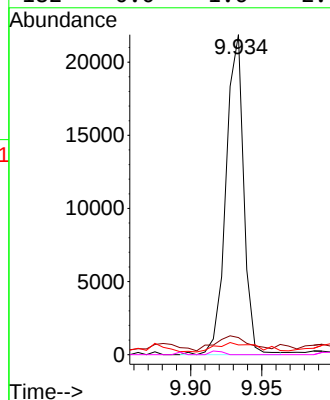
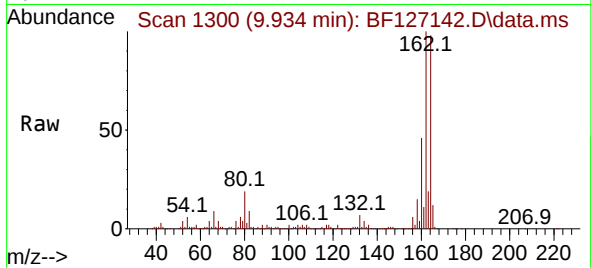




#57
2,4-Dinitrotoluene
Concen: 6.646 ng
RT: 9.934 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF127142.D
Acq: 02 Mar 2022 12:47

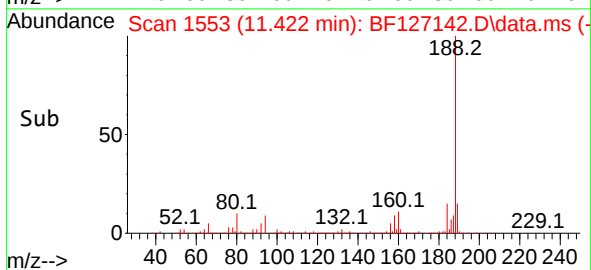
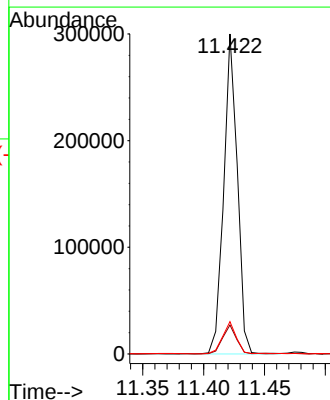
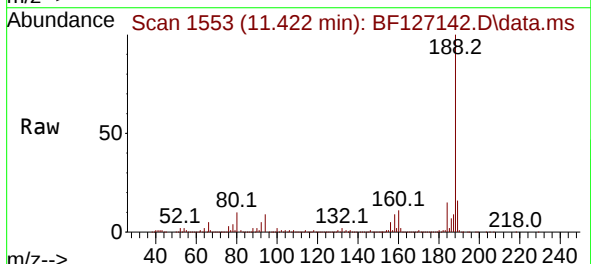
Instrument :
BNA_F
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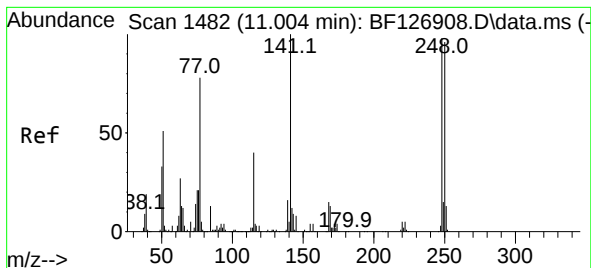
Tgt Ion:165 Resp: 18988
Ion Ratio Lower Upper
165 100
63 5.4 43.0 64.6#
89 3.0 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BF127142.D
Acq: 02 Mar 2022 12:47

Tgt Ion:188 Resp: 233289
Ion Ratio Lower Upper
188 100
94 9.1 10.1 15.1#
80 10.1 11.8 17.6#

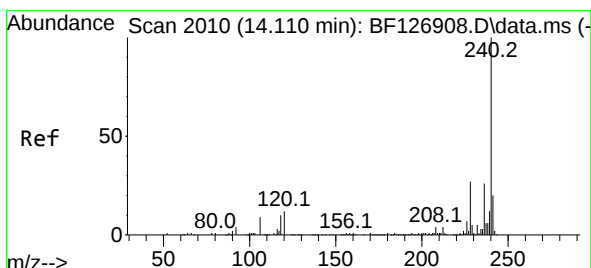
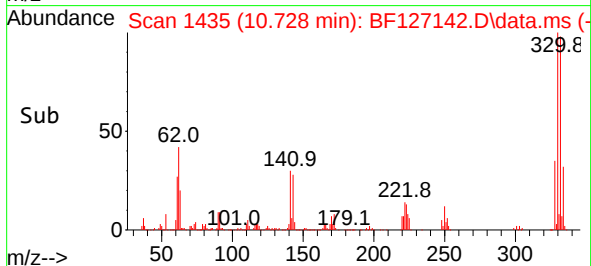
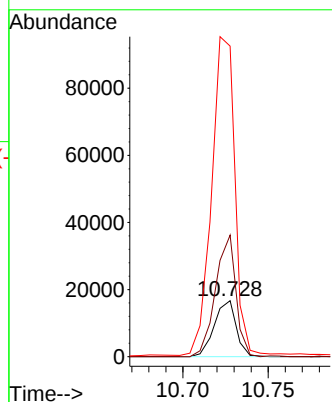
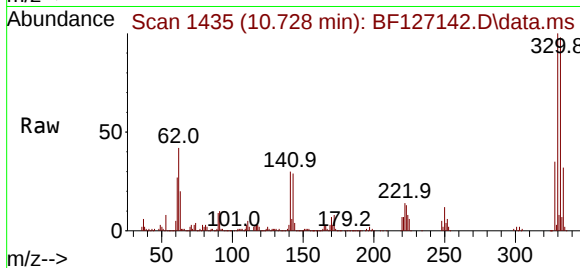




#67
4-Bromophenyl-phenylether
Concen: 5.729 ng
RT: 10.728 min Scan# 1482
Delta R.T. -0.241 min
Lab File: BF127142.D
Acq: 02 Mar 2022 12:47

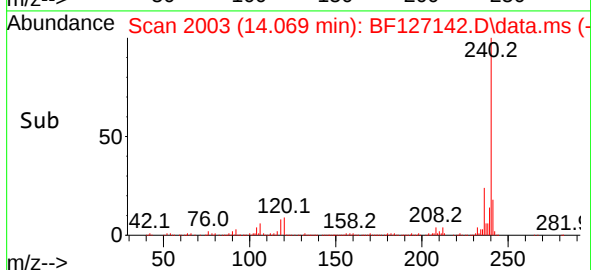
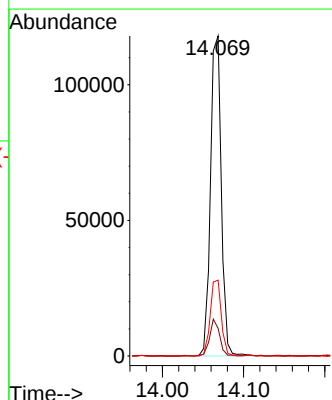
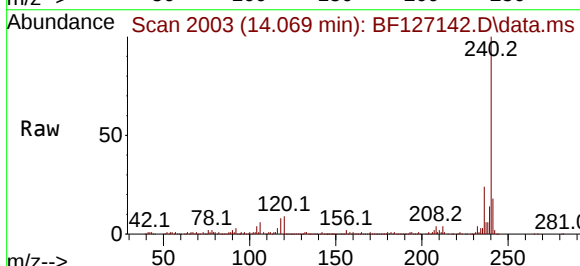
Instrument :
BNA_F
ClientSampleId :
MW-28

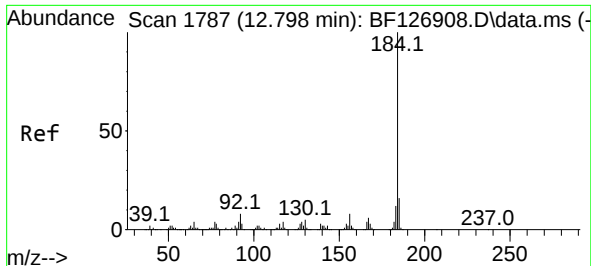
Tgt Ion:248 Resp: 14934
Ion Ratio Lower Upper
248 100
250 217.4 76.2 114.4#
141 555.0 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2003
Delta R.T. -0.006 min
Lab File: BF127142.D
Acq: 02 Mar 2022 12:47

Tgt Ion:240 Resp: 108811
Ion Ratio Lower Upper
240 100
120 8.6 14.4 21.6#
236 23.7 20.5 30.7

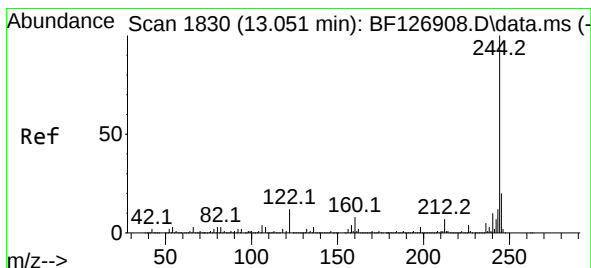
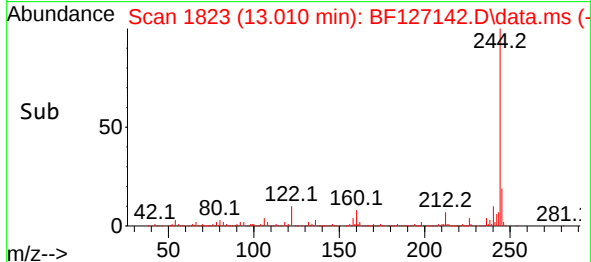
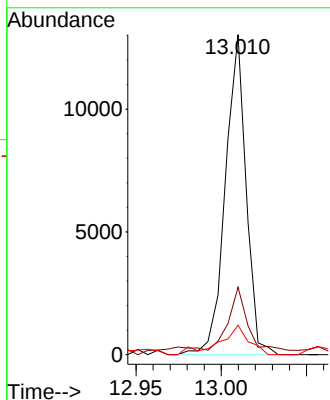
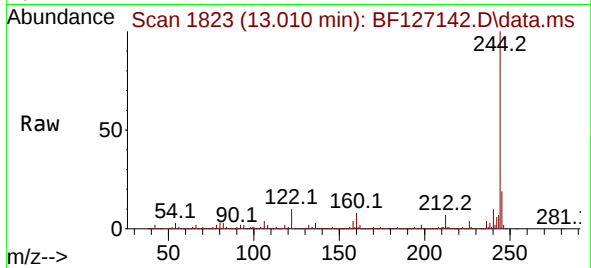




#77
Benzidine
Concen: 3.728 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.247 min
Lab File: BF127142.D
Acq: 02 Mar 2022 12:47

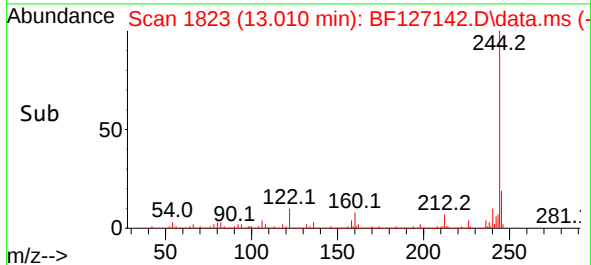
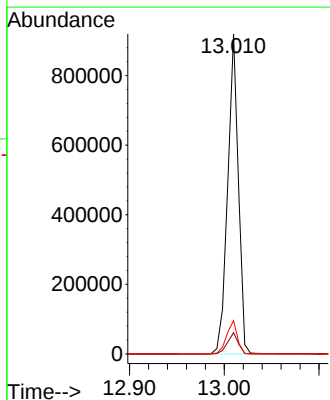
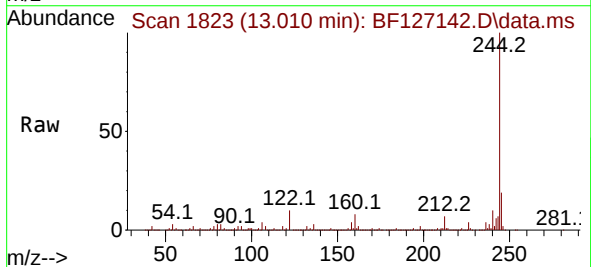
Instrument :
BNA_F
ClientSampleId :
MW-28

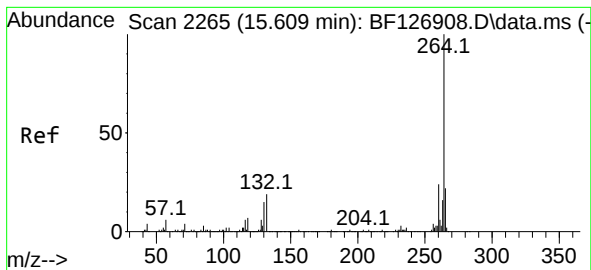
Tgt Ion:184 Resp: 11024
Ion Ratio Lower Upper
184 100
185 21.1 11.8 17.8#
183 9.2 8.2 12.2



#79
Terphenyl-d14
Concen: 97.779 ng
RT: 13.010 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF127142.D
Acq: 02 Mar 2022 12:47

Tgt Ion:244 Resp: 723755
Ion Ratio Lower Upper
244 100
212 6.6 5.0 7.4
122 10.4 13.3 19.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF127142.D

Acq: 02 Mar 2022 12:47

Instrument :

BNA_F

ClientSampleId :

MW-28

Tgt Ion:264 Resp: 133279

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 20.0 17.4 26.2

