

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
 Data File : BF127122.D
 Acq On : 01 Mar 2022 18:05
 Operator : CG\JU
 Sample : N1688-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

Quant Time: Mar 02 00:01:26 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)

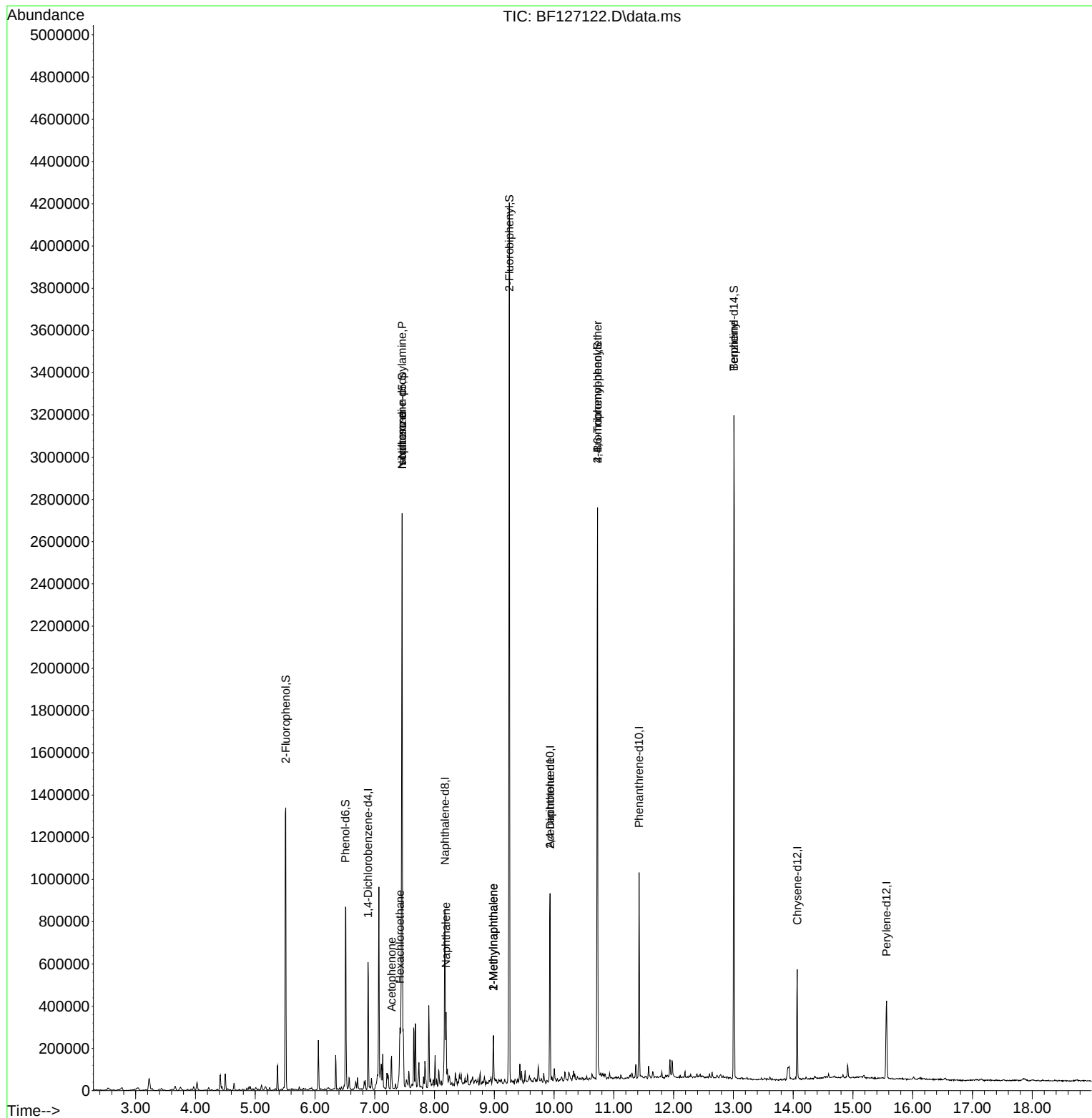
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	80804	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	324555	20.000	ng	# 0.00
39) Acenaphthene-d10	9.933	164	169604	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	298973	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	158323	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	156603	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	333334	63.758	ng	0.00
7) Phenol-d6	6.510	99	265816	37.680	ng	-0.01
23) Nitrobenzene-d5	7.457	82	690822	96.076	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	313291	160.435	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1115476	96.823	ng	0.00
79) Terphenyl-d14	13.010	244	1080751	100.348	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.422	117	32040	13.626	ng	# 25
19) n-Nitroso-di-n-propyla...	7.457	70	103401	22.747	ng	# 83
22) Acetophenone	7.281	105	55575	6.504	ng	# 54
25) Isophorone	7.457	82	687956	57.820	ng	# 69
31) Naphthalene	8.192	128	94685	5.589	ng	# 94
37) 2-Methylnaphthalene	8.986	142	46008	4.185	ng	93
38) 1-Methylnaphthalene	8.986	142	46008	4.370	ng	97
57) 2,4-Dinitrotoluene	9.933	165	22150	6.642	ng	# 17
67) 4-Bromophenyl-phenylether	10.727	248	18411	5.512	ng	# 1
77) Benzidine	13.010	184	16006	3.720	ng	# 95

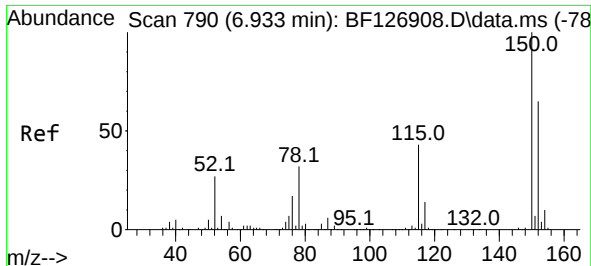
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030122\
Data File : BF127122.D
Acq On : 01 Mar 2022 18:05
Operator : CG\JU
Sample : N1688-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-22

Quant Time: Mar 02 00:01:26 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

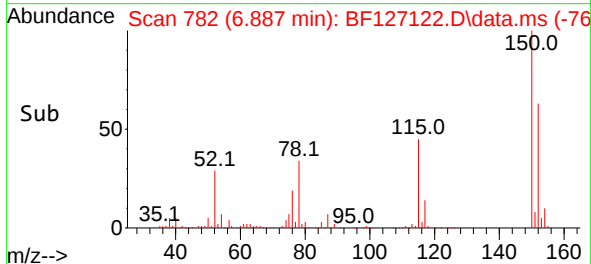
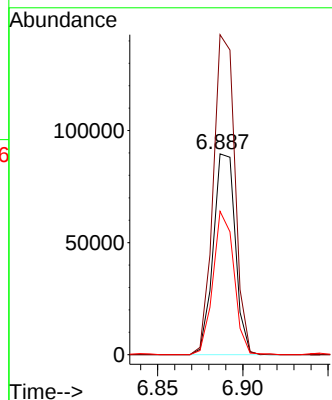
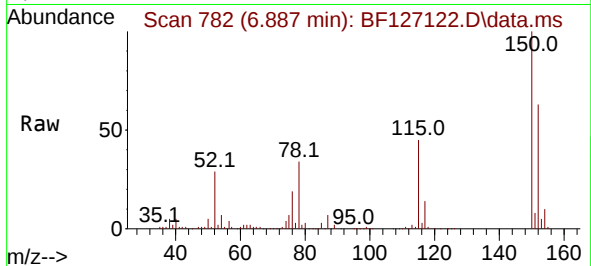




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127122.D
 Acq: 01 Mar 2022 18:05

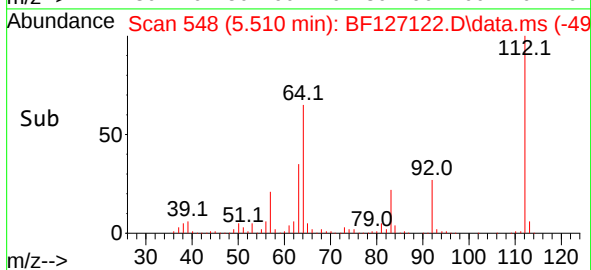
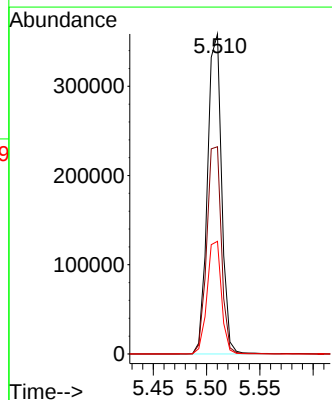
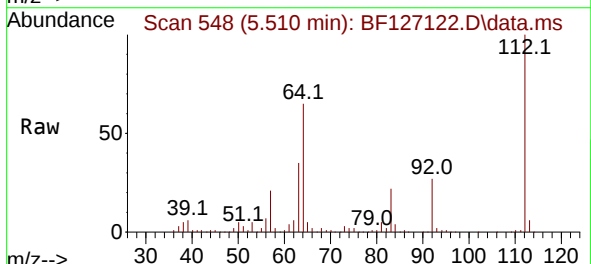
Instrument :
 BNA_F
 ClientSampleId :
 MW-22

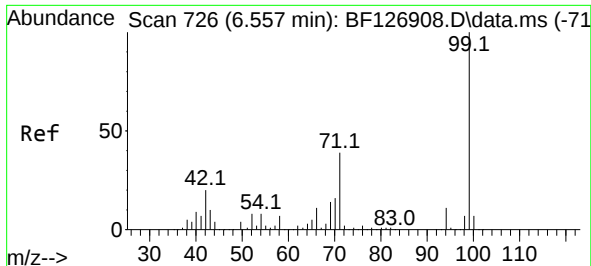
Tgt Ion:152 Resp: 80804
 Ion Ratio Lower Upper
 152 100
 150 159.4 128.1 192.1
 115 71.4 56.7 85.1



#5
 2-Fluorophenol
 Concen: 63.758 ng
 RT: 5.510 min Scan# 548
 Delta R.T. -0.000 min
 Lab File: BF127122.D
 Acq: 01 Mar 2022 18:05

Tgt Ion:112 Resp: 333334
 Ion Ratio Lower Upper
 112 100
 64 64.8 49.5 74.3
 63 35.2 23.9 35.9

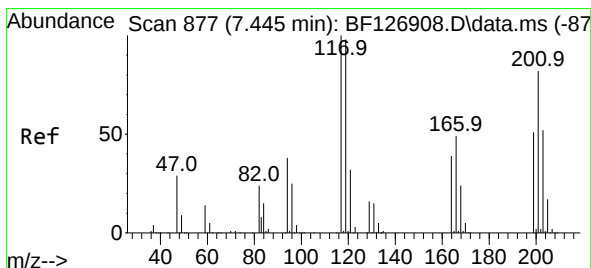
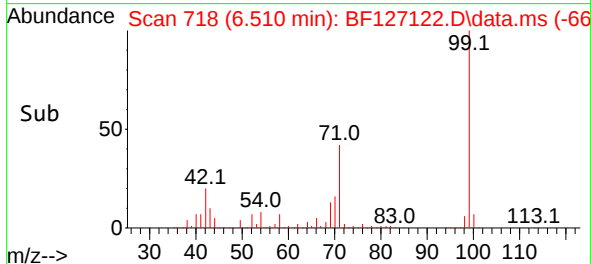
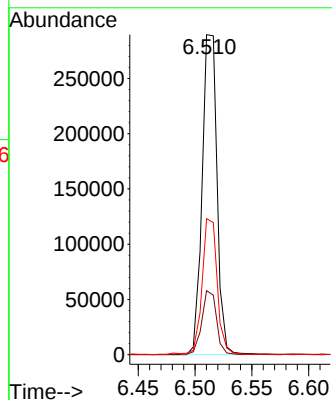
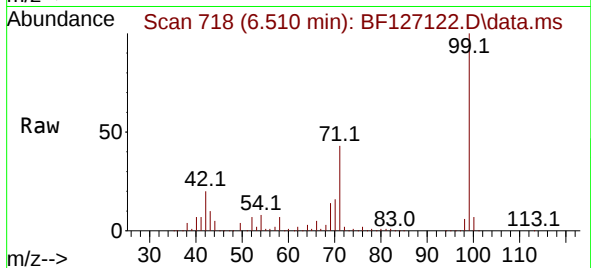




#7
Phenol-d6
Concen: 37.680 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127122.D
Acq: 01 Mar 2022 18:05

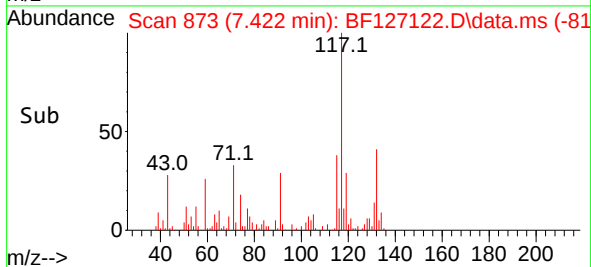
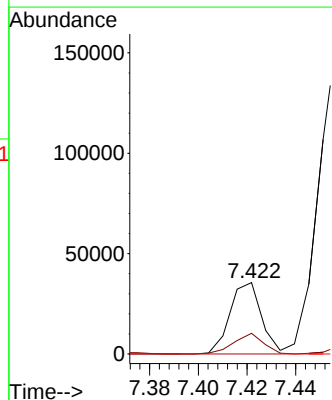
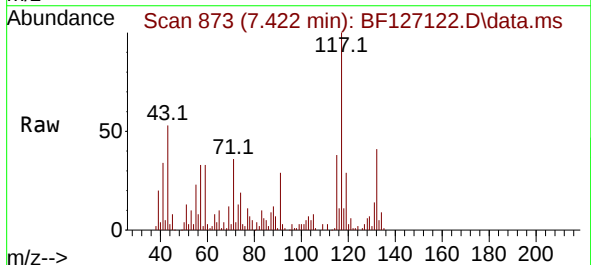
Instrument :
BNA_F
ClientSampleId :
MW-22

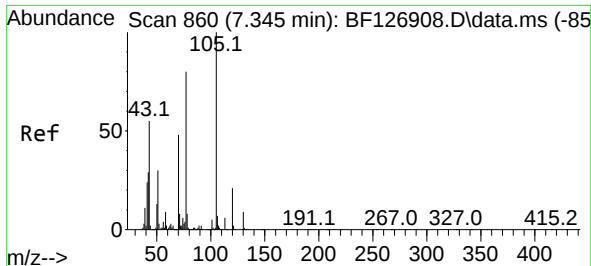
Tgt Ion: 99 Resp: 265816
Ion Ratio Lower Upper
99 100
42 20.0 14.2 21.4
71 42.5 24.3 36.5#



#18
Hexachloroethane
Concen: 13.626 ng
RT: 7.422 min Scan# 873
Delta R.T. 0.018 min
Lab File: BF127122.D
Acq: 01 Mar 2022 18:05

Tgt Ion: 117 Resp: 32040
Ion Ratio Lower Upper
117 100
119 29.0 75.4 113.0#
201 0.0 56.8 85.2#

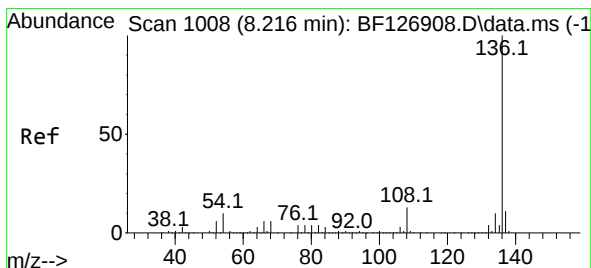
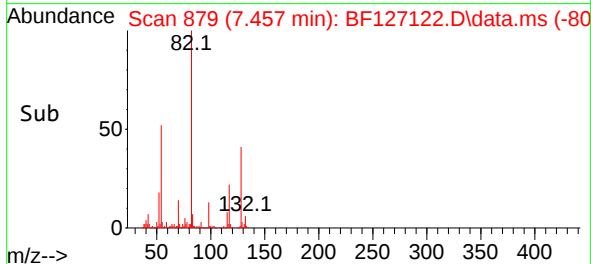
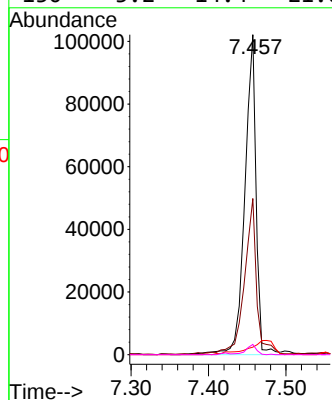
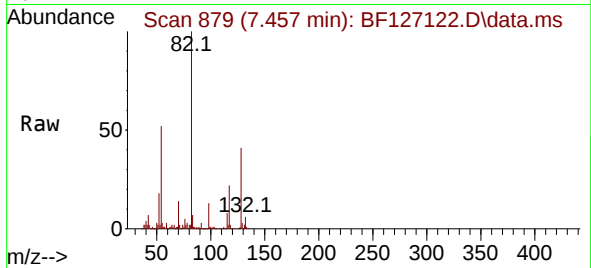




#19
n-Nitroso-di-n-propylamine
Concen: 22.747 ng
RT: 7.457 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127122.D
Acq: 01 Mar 2022 18:05

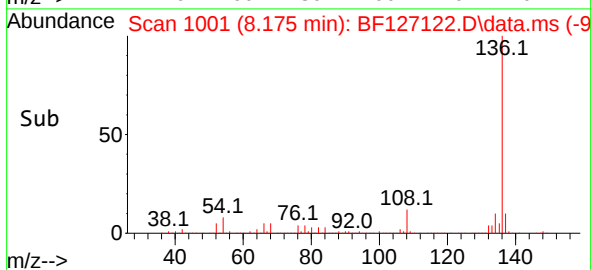
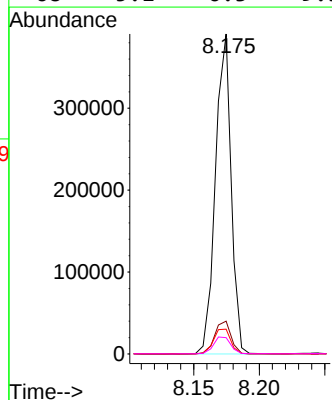
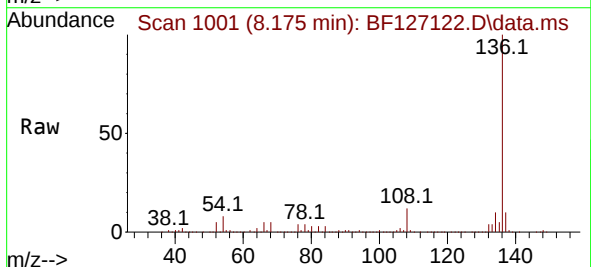
Instrument :
BNA_F
ClientSampleId :
MW-22

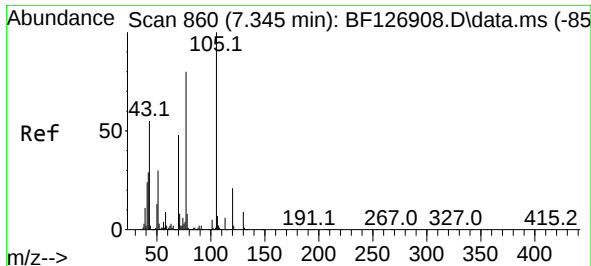
Tgt Ion: 70 Resp: 103401
Ion Ratio Lower Upper
70 100
42 48.8 45.8 68.8
101 2.4 6.9 10.3#
130 3.2 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BF127122.D
Acq: 01 Mar 2022 18:05

Tgt Ion:136 Resp: 324555
Ion Ratio Lower Upper
136 100
137 10.3 8.6 13.0
54 7.8 7.8 11.6
68 5.1 6.3 9.5#

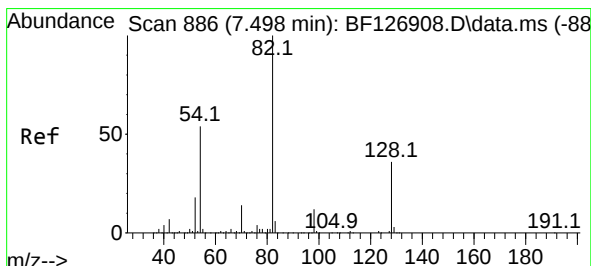
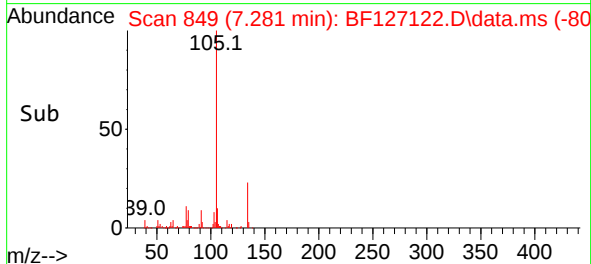
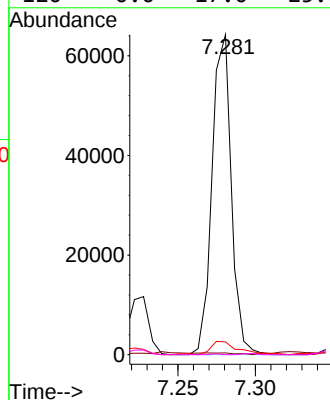
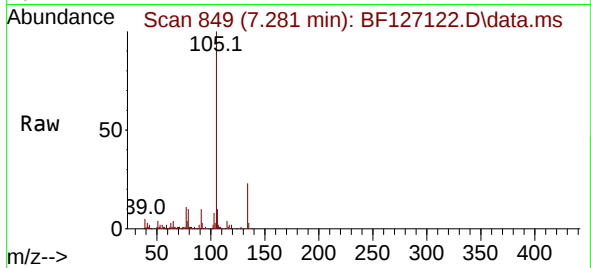




#22
Acetophenone
Concen: 6.504 ng
RT: 7.281 min Scan# 849
Delta R.T. -0.024 min
Lab File: BF127122.D
Acq: 01 Mar 2022 18:05

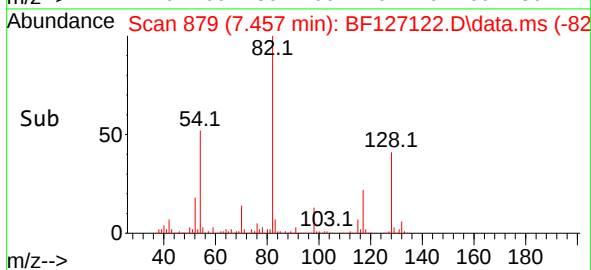
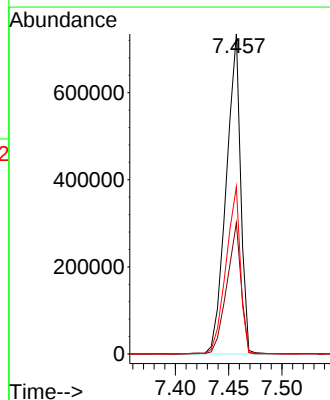
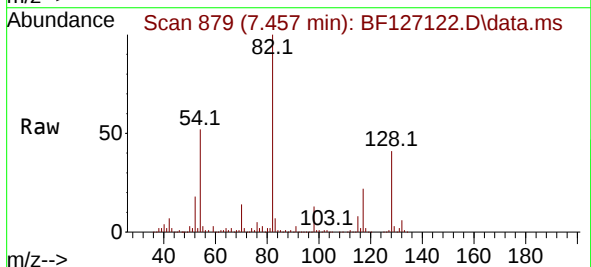
Instrument :
BNA_F
ClientSampleId :
MW-22

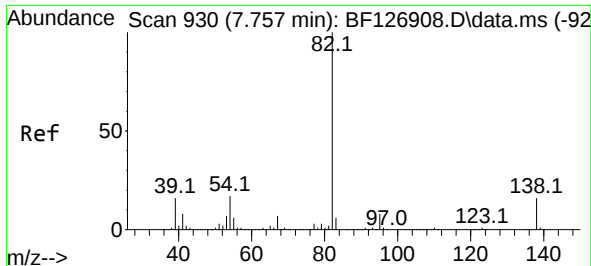
Tgt Ion:105 Resp: 55575
Ion Ratio Lower Upper
105 100
71 0.5 5.4 8.0#
51 4.0 27.4 41.0#
120 0.0 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 96.076 ng
RT: 7.457 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF127122.D
Acq: 01 Mar 2022 18:05

Tgt Ion: 82 Resp: 690822
Ion Ratio Lower Upper
82 100
128 41.0 32.7 49.1
54 52.3 41.7 62.5

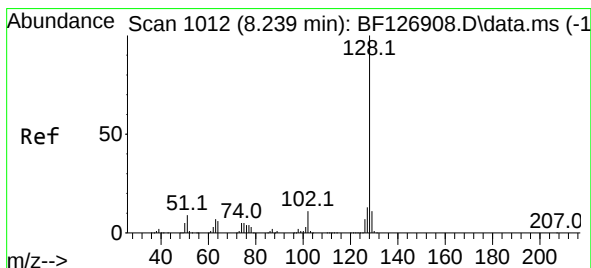
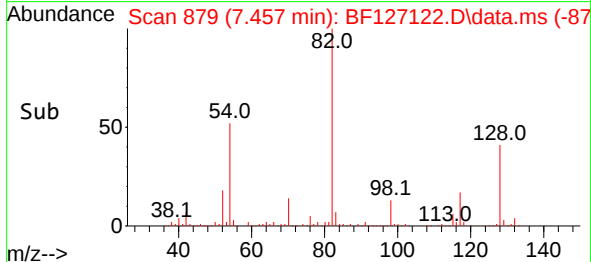
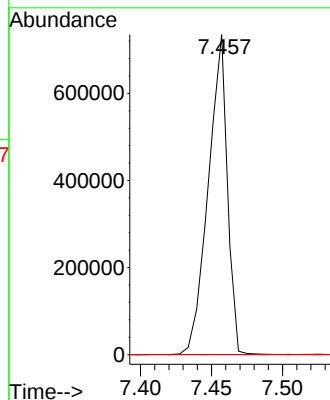
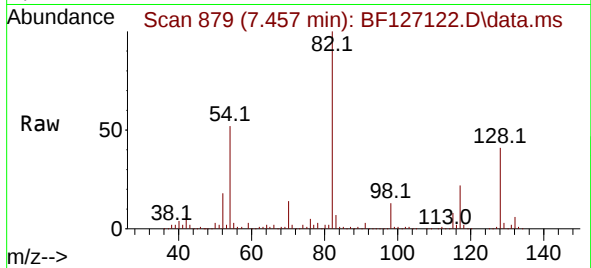




#25
Isophorone
Concen: 57.820 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127122.D
Acq: 01 Mar 2022 18:05

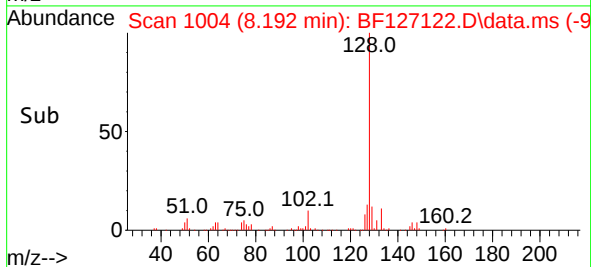
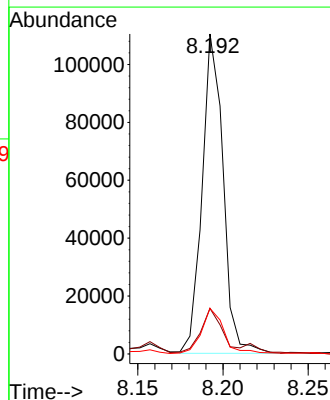
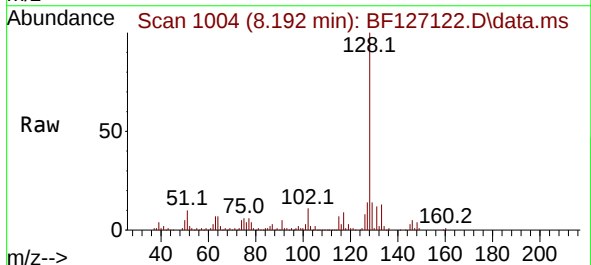
Instrument :
BNA_F
ClientSampleId :
MW-22

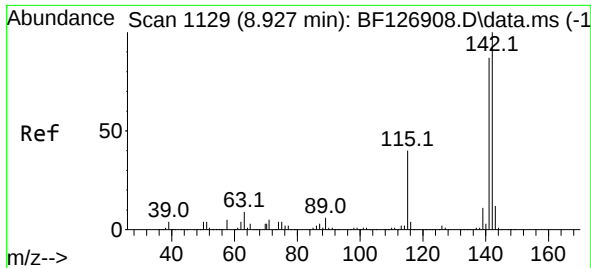
Tgt Ion: 82 Resp: 687956
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#31
Naphthalene
Concen: 5.589 ng
RT: 8.192 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF127122.D
Acq: 01 Mar 2022 18:05

Tgt Ion: 128 Resp: 94685
Ion Ratio Lower Upper
128 100
129 14.3 8.6 13.0#
127 14.3 10.3 15.5

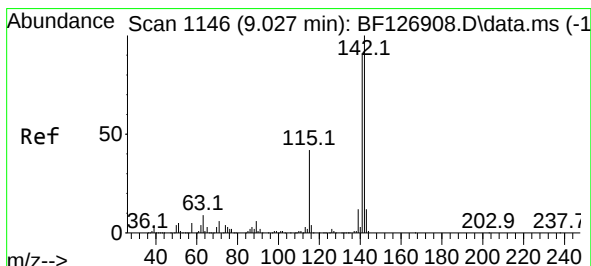
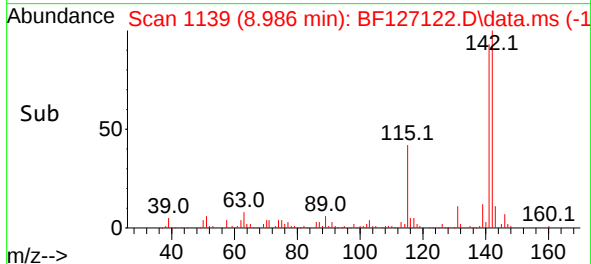
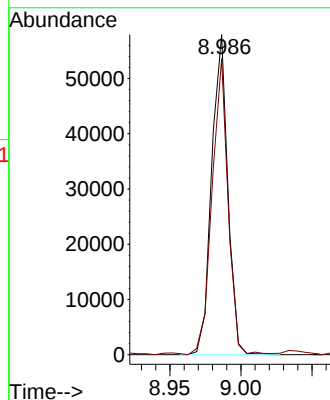
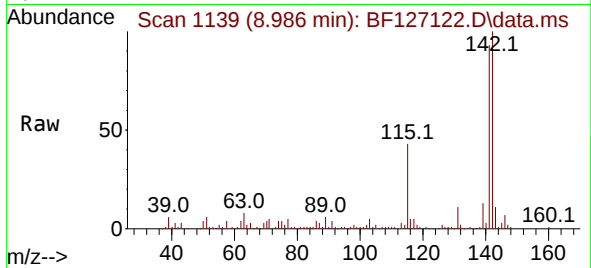




#37
2-Methylnaphthalene
Concen: 4.185 ng
RT: 8.986 min Scan# 1139
Delta R.T. 0.094 min
Lab File: BF127122.D
Acq: 01 Mar 2022 18:05

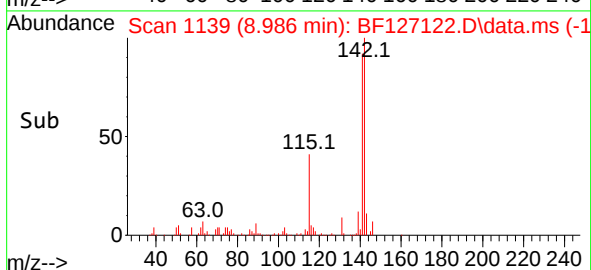
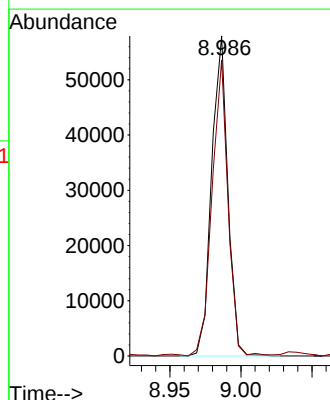
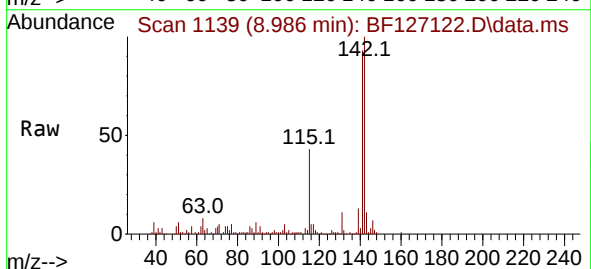
Instrument :
BNA_F
ClientSampleId :
MW-22

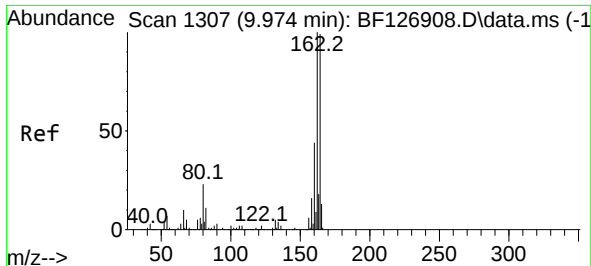
Tgt Ion:142 Resp: 46008
Ion Ratio Lower Upper
142 100
141 92.5 68.6 102.8



#38
1-Methylnaphthalene
Concen: 4.370 ng
RT: 8.986 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF127122.D
Acq: 01 Mar 2022 18:05

Tgt Ion:142 Resp: 46008
Ion Ratio Lower Upper
142 100
141 92.5 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: BF127122.D

Acq: 01 Mar 2022 18:05

Instrument :

BNA_F

ClientSampleId :

MW-22

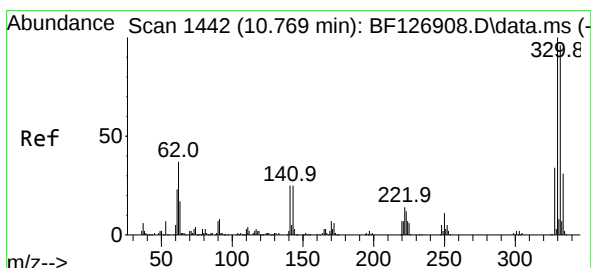
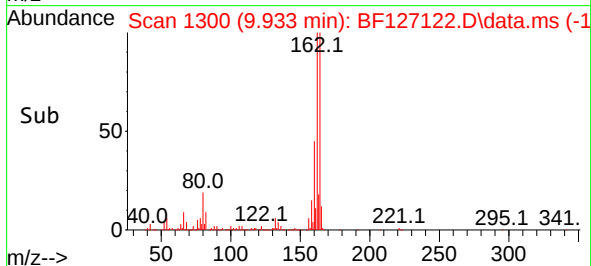
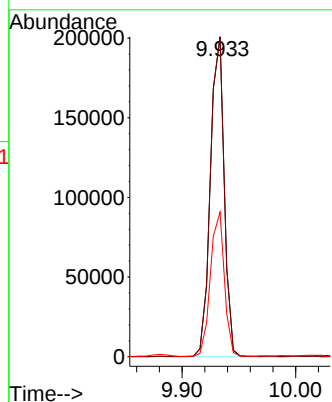
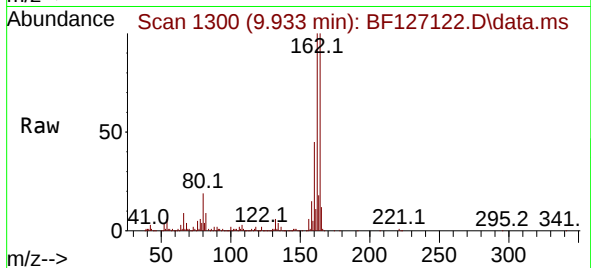
Tgt Ion:164 Resp: 169604

Ion Ratio Lower Upper

164 100

162 99.8 81.4 122.0

160 45.2 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 160.435 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.000 min

Lab File: BF127122.D

Acq: 01 Mar 2022 18:05

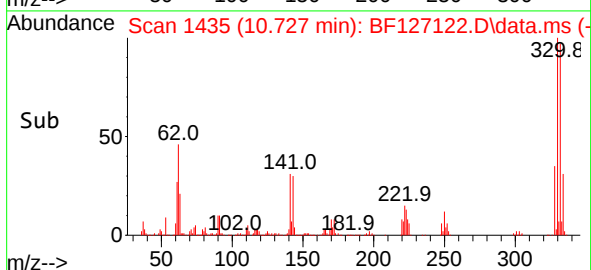
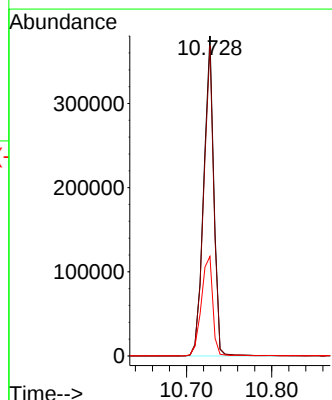
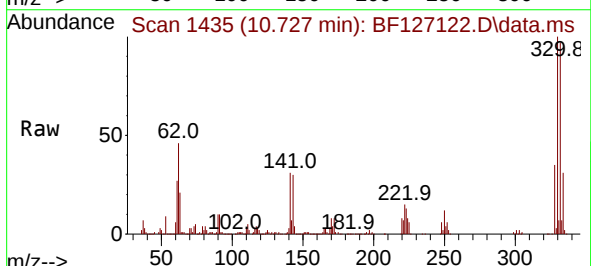
Tgt Ion:330 Resp: 313291

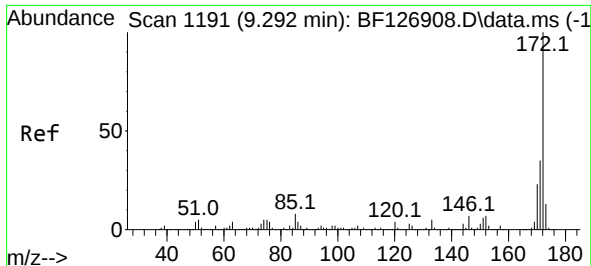
Ion Ratio Lower Upper

330 100

332 96.7 76.0 114.0

141 35.0 30.1 45.1

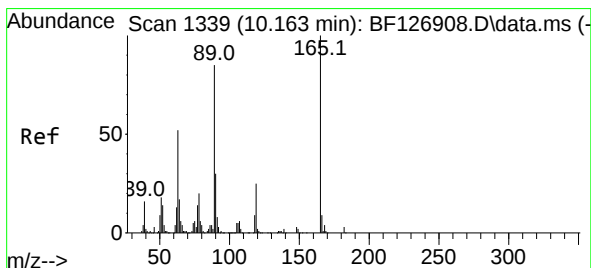
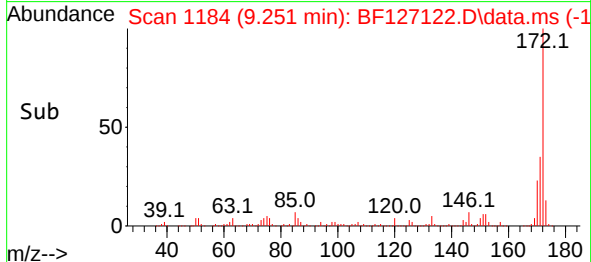
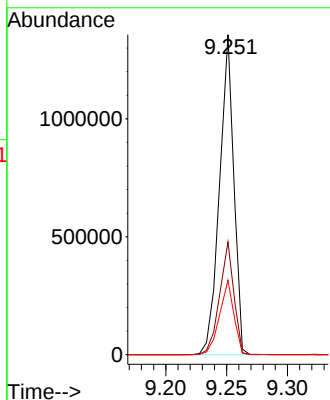
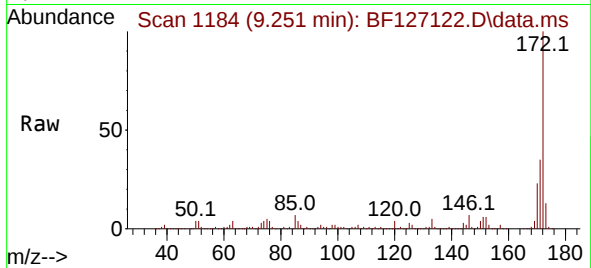




#45
2-Fluorobiphenyl
Concen: 96.823 ng
RT: 9.251 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF127122.D
Acq: 01 Mar 2022 18:05

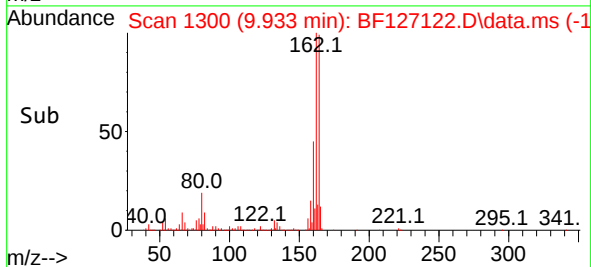
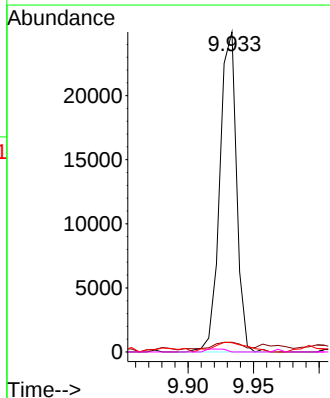
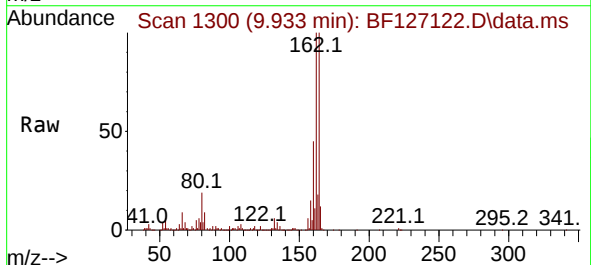
Instrument :
BNA_F
ClientSampleId :
MW-22

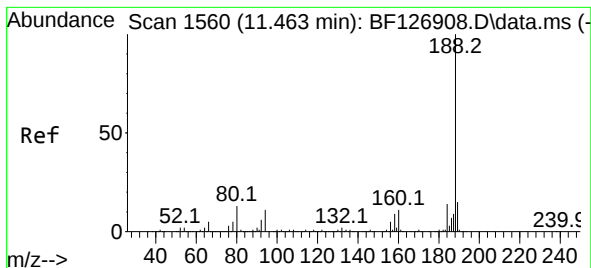
Tgt Ion:172 Resp: 1115476
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.2 19.0 28.6



#57
2,4-Dinitrotoluene
Concen: 6.642 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.194 min
Lab File: BF127122.D
Acq: 01 Mar 2022 18:05

Tgt Ion:165 Resp: 22150
Ion Ratio Lower Upper
165 100
63 3.1 43.0 64.6#
89 2.9 71.0 106.4#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127122.D

Acq: 01 Mar 2022 18:05

Instrument :

BNA_F

ClientSampleId :

MW-22

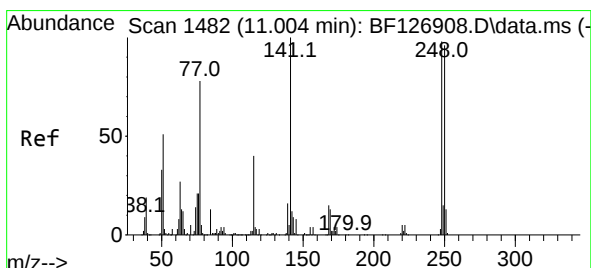
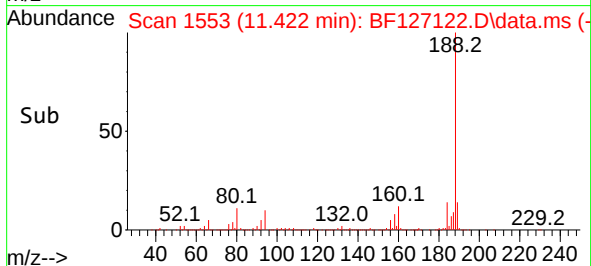
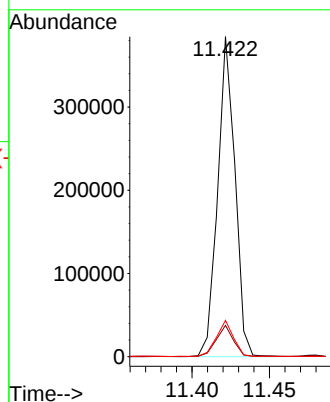
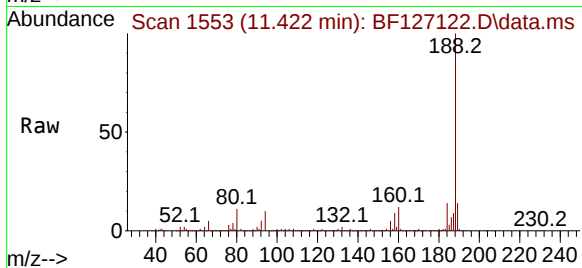
Tgt Ion:188 Resp: 298973

Ion Ratio Lower Upper

188 100

94 9.8 10.1 15.1#

80 11.3 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 5.512 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.241 min

Lab File: BF127122.D

Acq: 01 Mar 2022 18:05

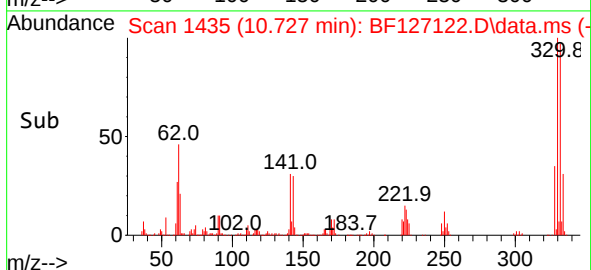
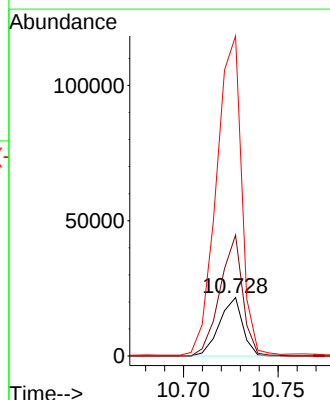
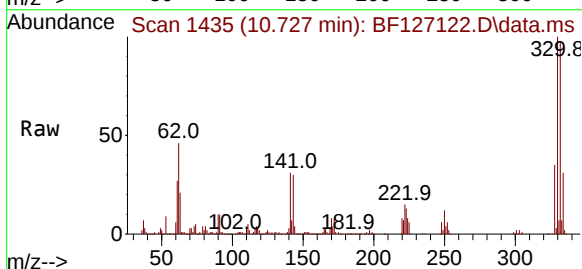
Tgt Ion:248 Resp: 18411

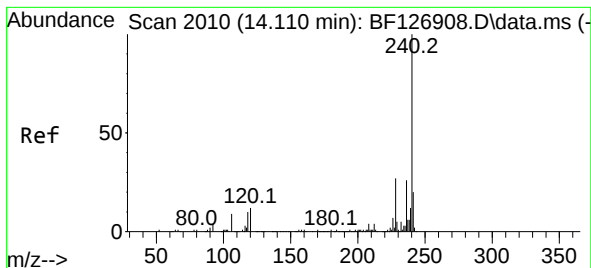
Ion Ratio Lower Upper

248 100

250 207.2 76.2 114.4#

141 547.8 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: BF127122.D

Acq: 01 Mar 2022 18:05

Instrument :

BNA_F

ClientSampleId :

MW-22

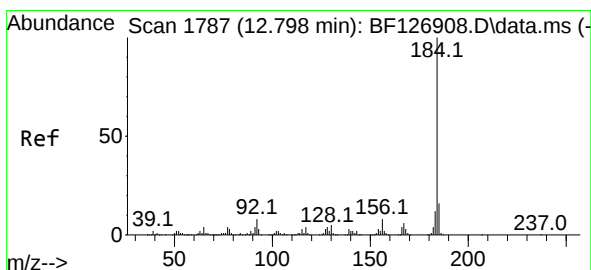
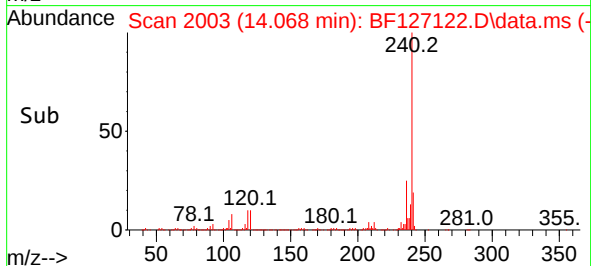
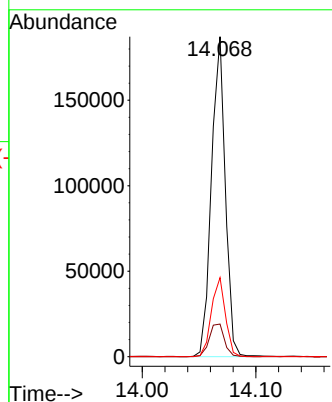
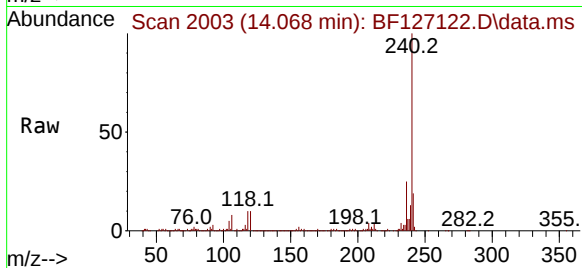
Tgt Ion:240 Resp: 158323

Ion Ratio Lower Upper

240 100

120 10.2 14.4 21.6#

236 24.7 20.5 30.7



#77

Benzidine

Concen: 3.720 ng

RT: 13.010 min Scan# 1823

Delta R.T. 0.247 min

Lab File: BF127122.D

Acq: 01 Mar 2022 18:05

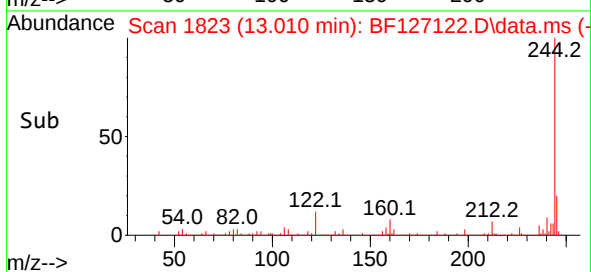
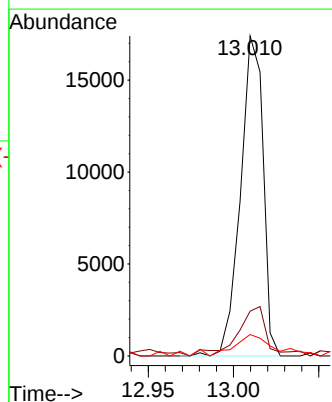
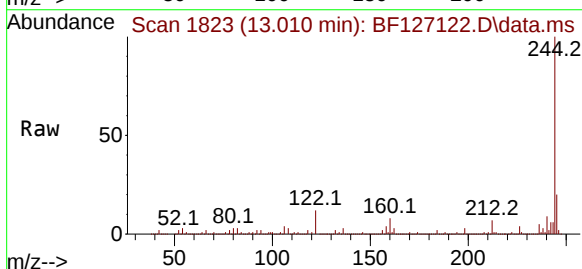
Tgt Ion:184 Resp: 16006

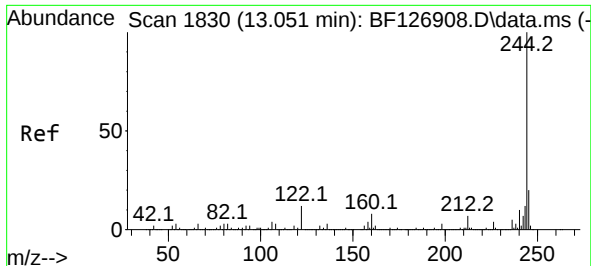
Ion Ratio Lower Upper

184 100

185 14.0 11.8 17.8

183 6.7 8.2 12.2#

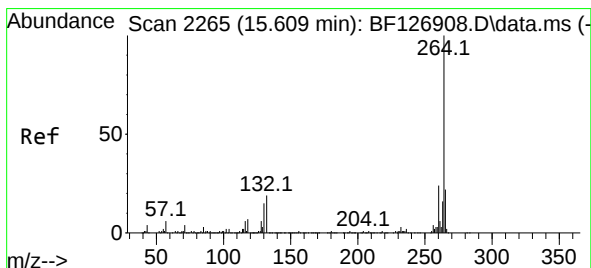
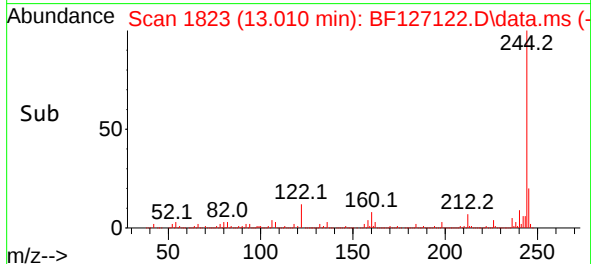
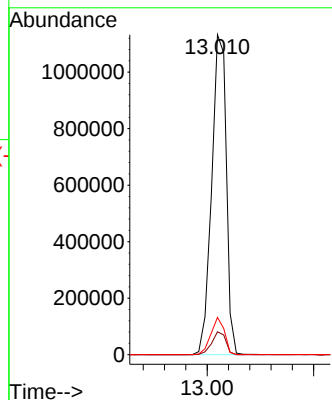
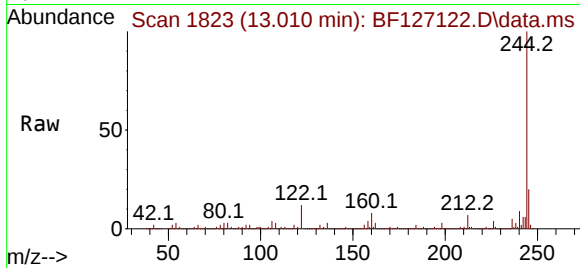




#79
 Terphenyl-d14
 Concen: 100.348 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127122.D
 Acq: 01 Mar 2022 18:05

Instrument :
 BNA_F
 ClientSampleId :
 MW-22

Tgt Ion:244 Resp: 1080751
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 11.7 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: BF127122.D
 Acq: 01 Mar 2022 18:05

Tgt Ion:264 Resp: 156603
 Ion Ratio Lower Upper
 264 100
 260 22.2 19.2 28.8
 265 19.5 17.4 26.2

