

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
 Data File : BF127944.D
 Acq On : 27 Apr 2022 14:35
 Operator : CG\JU
 Sample : N2521-07
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW1

Quant Time: Apr 27 17:31:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

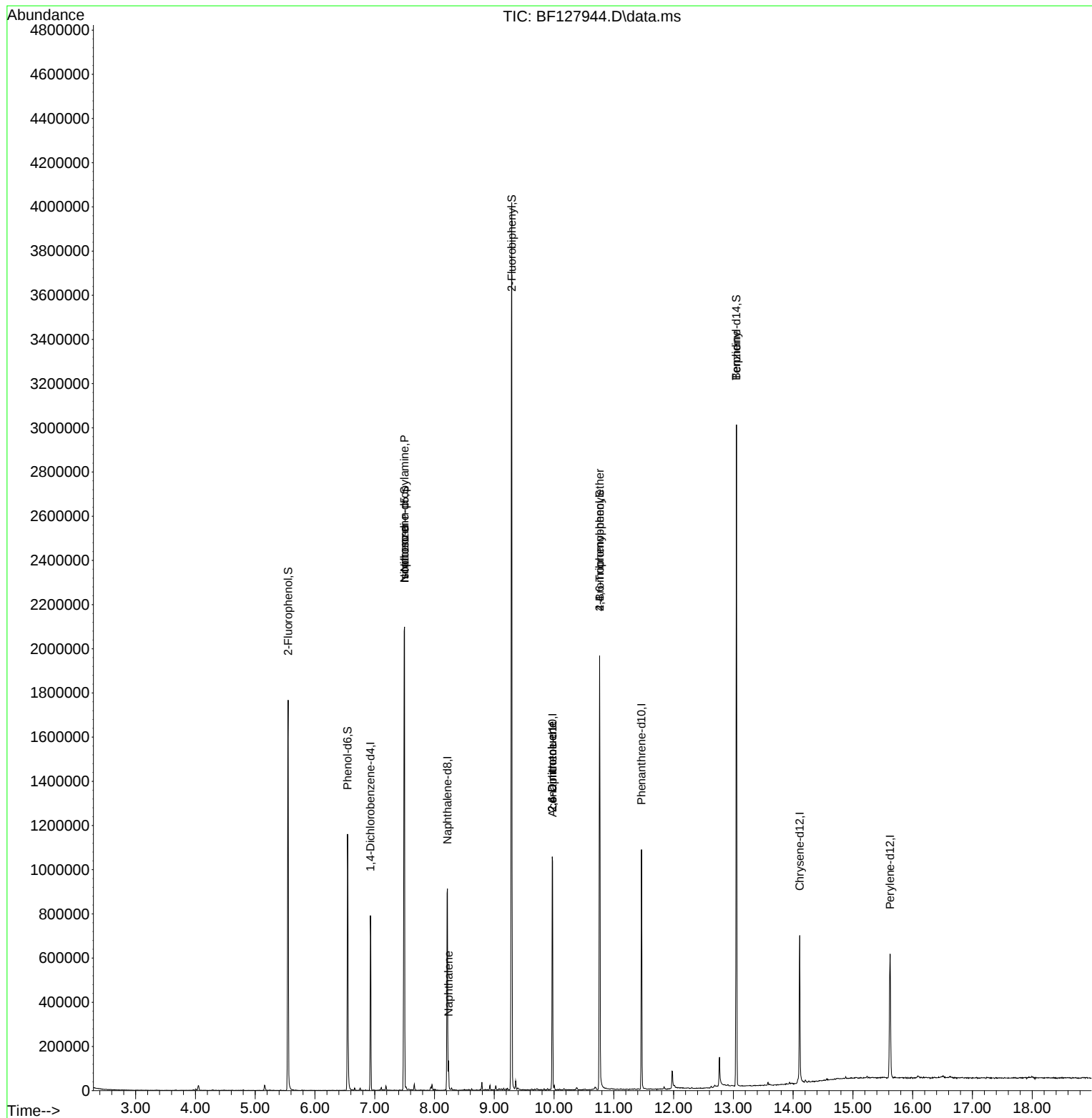
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	108429	20.000	ng	-0.02
21) Naphthalene-d8	8.216	136	420467	20.000	ng	-0.01
39) Acenaphthene-d10	9.975	164	231904	20.000	ng	-0.01
64) Phenanthrene-d10	11.463	188	370152	20.000	ng	-0.01
76) Chrysene-d12	14.110	240	216708	20.000	ng	-0.02
86) Perylene-d12	15.621	264	266905	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.552	112	450233	66.138	ng	-0.01
7) Phenol-d6	6.546	99	373031	42.230	ng	-0.02
23) Nitrobenzene-d5	7.498	82	791162	88.482	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	224559	96.191	ng	-0.02
45) 2-Fluorobiphenyl	9.292	172	1225595	89.407	ng	-0.01
79) Terphenyl-d14	13.051	244	942407	79.519	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.498	70	108628	20.089	ng	# 76
25) Isophorone	7.498	82	791157	52.571	ng	# 68
31) Naphthalene	8.234	128	46508	2.172	ng	# 99
51) 2,6-Dinitrotoluene	9.969	165	29489	8.757	ng	# 22
57) 2,4-Dinitrotoluene	9.969	165	29489	6.611	ng	# 26
67) 4-Bromophenyl-phenylether	10.763	248	14270	3.478	ng	# 1
77) Benzidine	13.051	184	13163	3.210	ng	# 93

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

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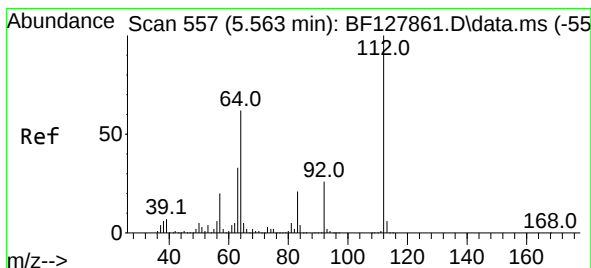
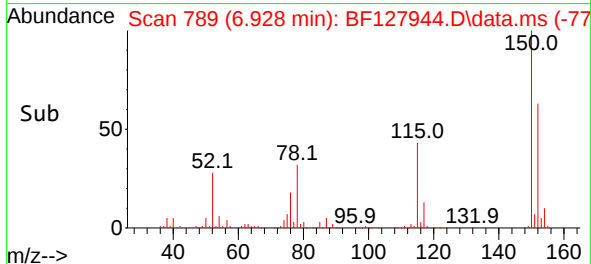
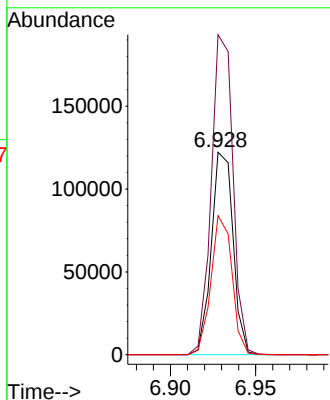
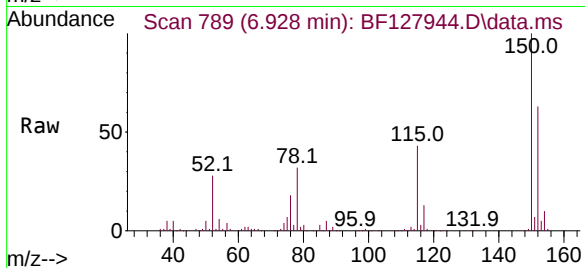




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 71
 Delta R.T. -0.017 min
 Lab File: BF127944.D
 Acq: 27 Apr 2022 14:35

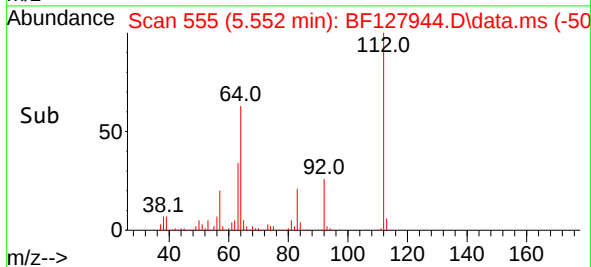
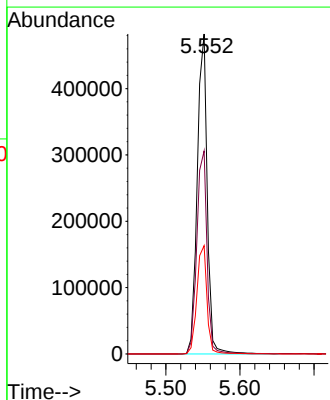
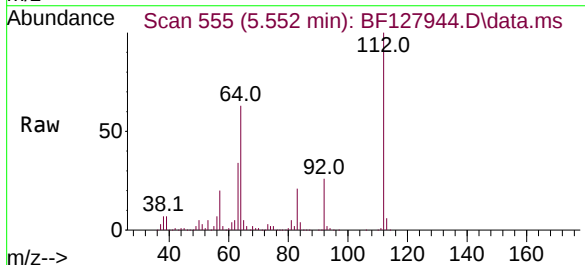
Instrument :
 BNA_F
 ClientSampleId :
 MW1

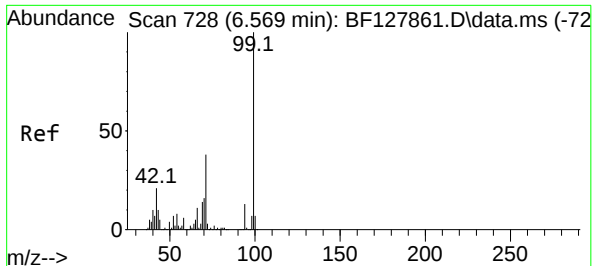
Tgt Ion:152 Resp: 108429
 Ion Ratio Lower Upper
 152 100
 150 158.1 125.3 187.9
 115 68.7 48.8 73.2



#5
 2-Fluorophenol
 Concen: 66.138 ng
 RT: 5.552 min Scan# 555
 Delta R.T. -0.012 min
 Lab File: BF127944.D
 Acq: 27 Apr 2022 14:35

Tgt Ion:112 Resp: 450233
 Ion Ratio Lower Upper
 112 100
 64 63.5 49.5 74.3
 63 33.8 26.3 39.5





#7
Phenol-d6
Concen: 42.230 ng
RT: 6.546 min Scan# 71
Delta R.T. -0.023 min
Lab File: BF127944.D
Acq: 27 Apr 2022 14:35

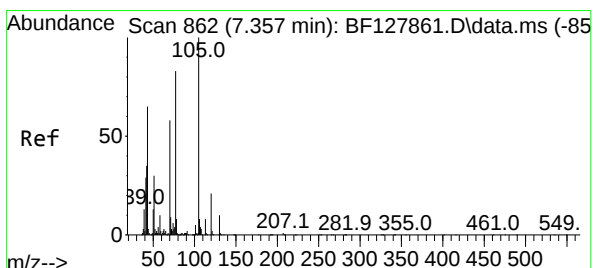
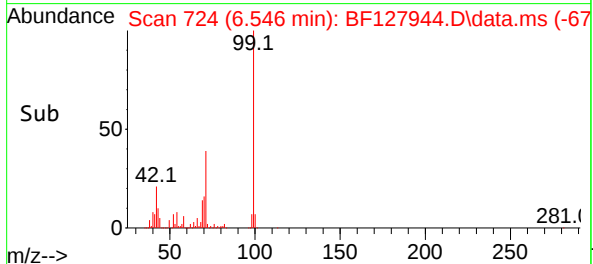
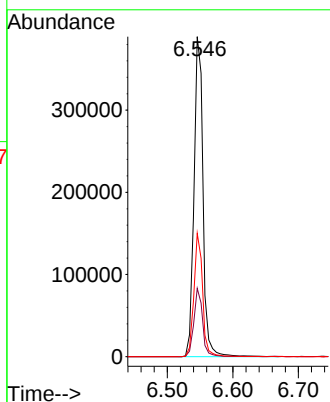
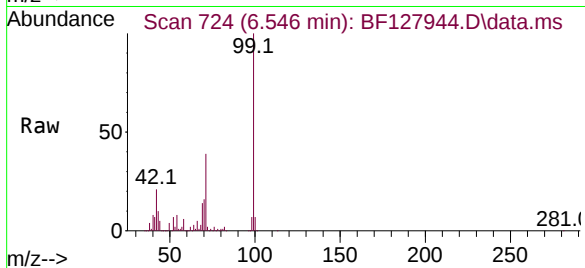
Instrument :

BNA_F

ClientSampleId :

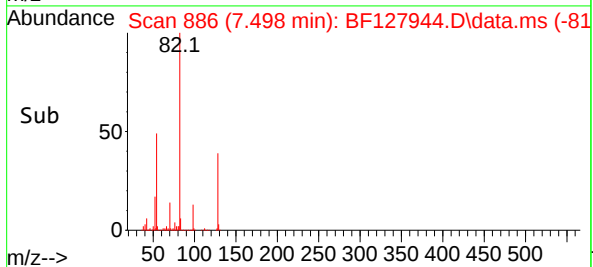
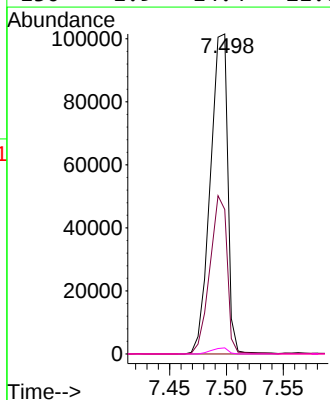
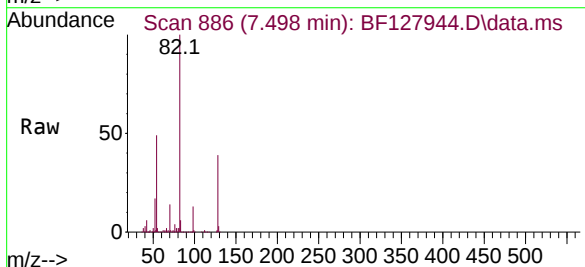
MW1

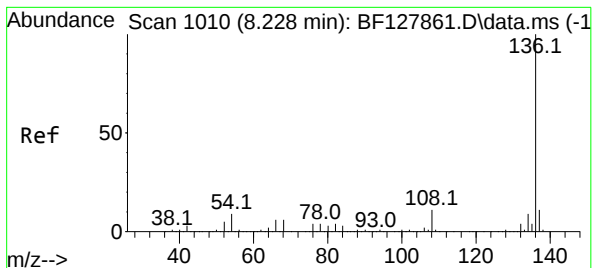
Tgt Ion: 99 Resp: 373031
Ion Ratio Lower Upper
99 100
42 21.4 16.6 24.8
71 38.6 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.089 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF127944.D
Acq: 27 Apr 2022 14:35

Tgt Ion: 70 Resp: 108628
Ion Ratio Lower Upper
70 100
42 45.2 48.7 73.1#
101 0.0 7.2 10.8#
130 1.9 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.216 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF127944.D

Acq: 27 Apr 2022 14:35

Instrument :

BNA_F

ClientSampleId :

MW1

Tgt Ion:136 Resp: 420467

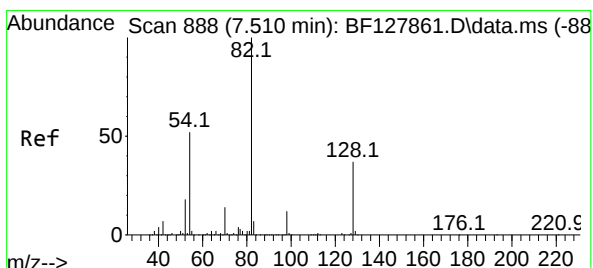
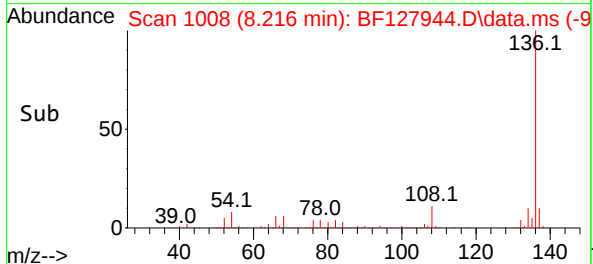
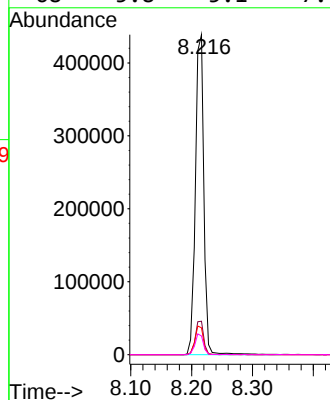
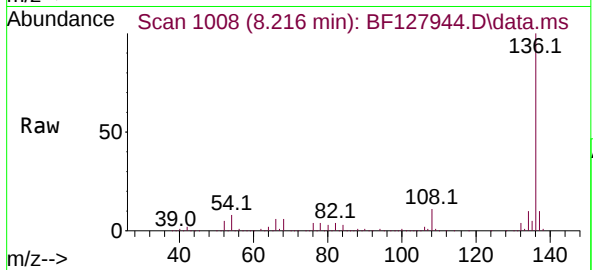
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 8.4 6.8 10.2

68 5.8 5.1 7.7



#23

Nitrobenzene-d5

Concen: 88.482 ng

RT: 7.498 min Scan# 886

Delta R.T. -0.012 min

Lab File: BF127944.D

Acq: 27 Apr 2022 14:35

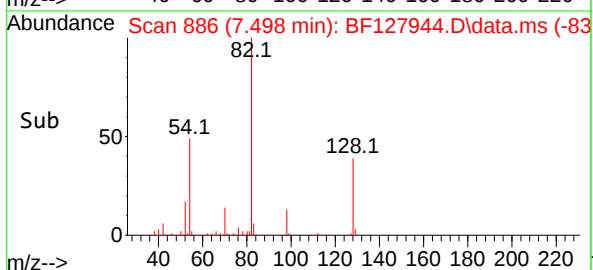
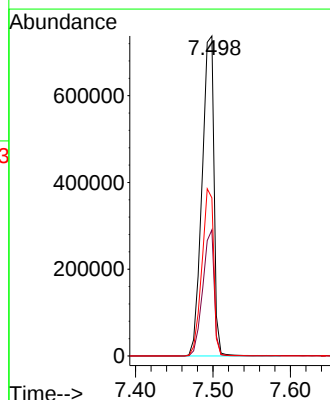
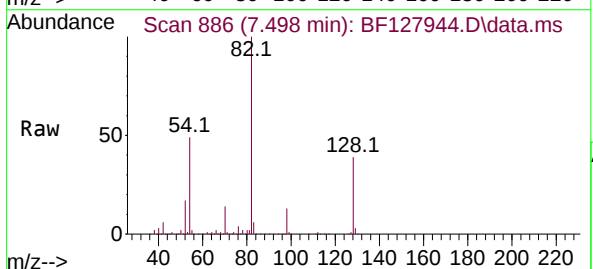
Tgt Ion: 82 Resp: 791162

Ion Ratio Lower Upper

82 100

128 39.4 30.0 45.0

54 49.4 41.3 61.9

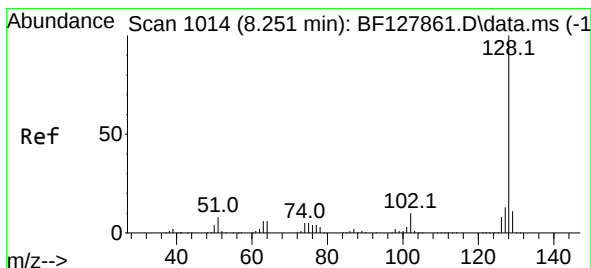
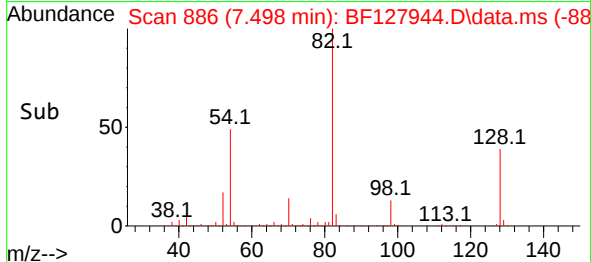
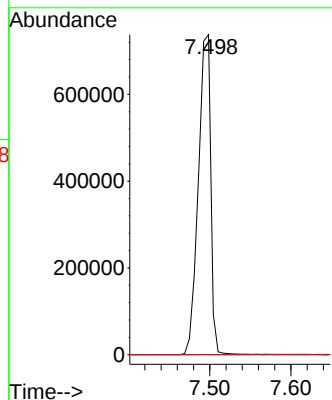
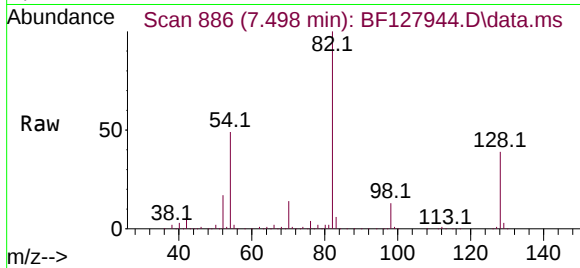




#25
Isophorone
Concen: 52.571 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127944.D
Acq: 27 Apr 2022 14:35

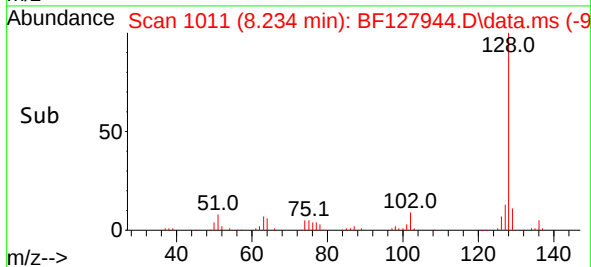
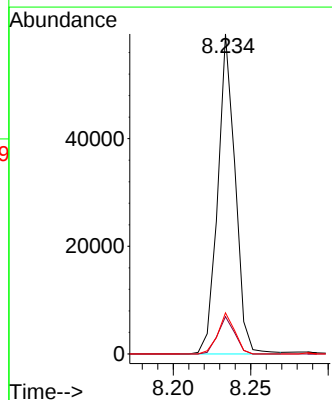
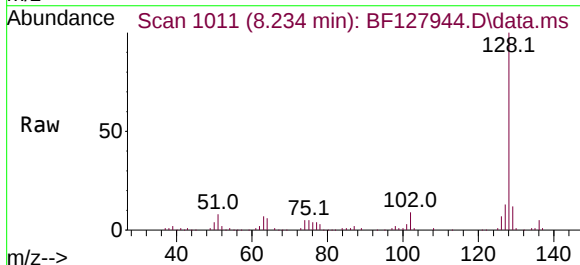
Instrument :
BNA_F
ClientSampleId :
MW1

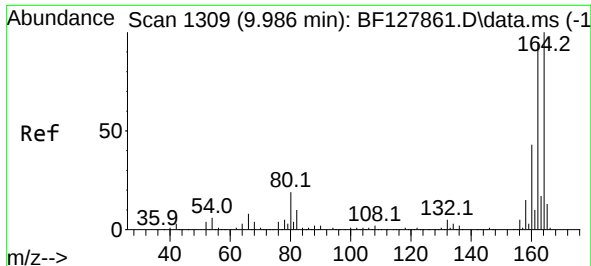
Tgt Ion: 82 Resp: 791157
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#31
Naphthalene
Concen: 2.172 ng
RT: 8.234 min Scan# 1011
Delta R.T. -0.018 min
Lab File: BF127944.D
Acq: 27 Apr 2022 14:35

Tgt Ion: 128 Resp: 46508
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.4
127 12.8 10.6 16.0

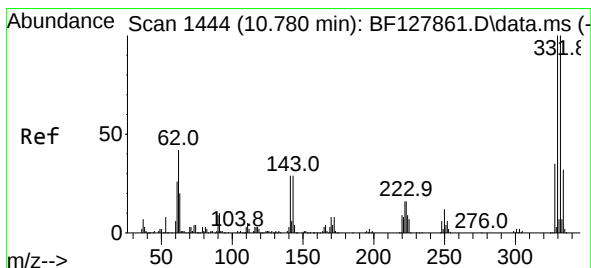
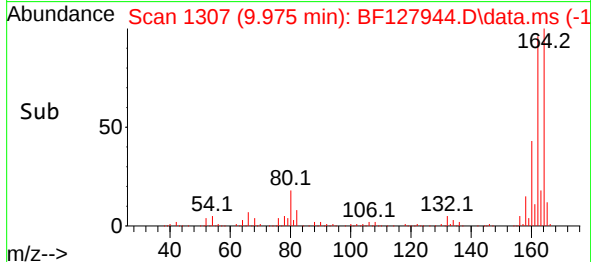
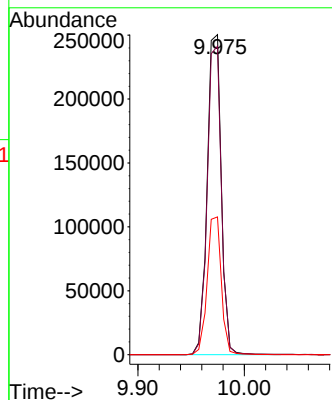
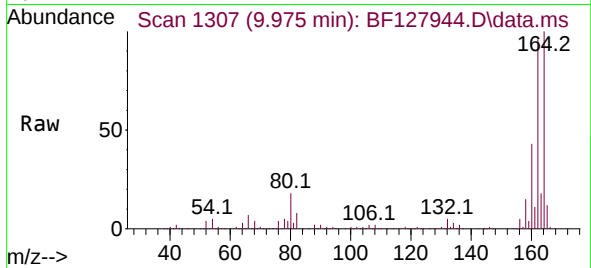




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127944.D
Acq: 27 Apr 2022 14:35

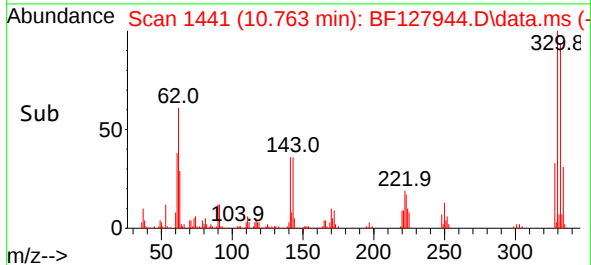
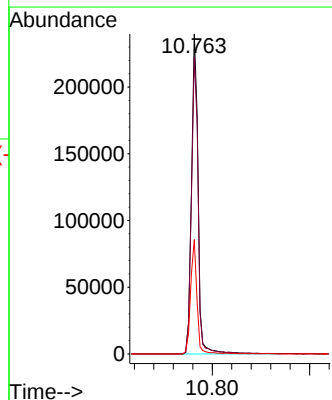
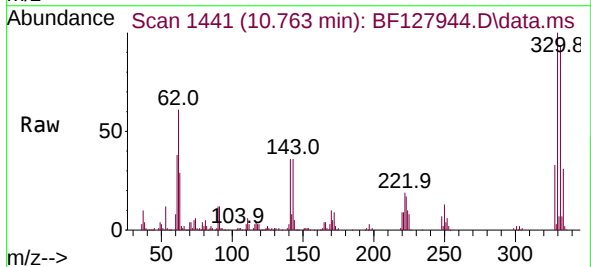
Instrument :
BNA_F
ClientSampleId :
MW1

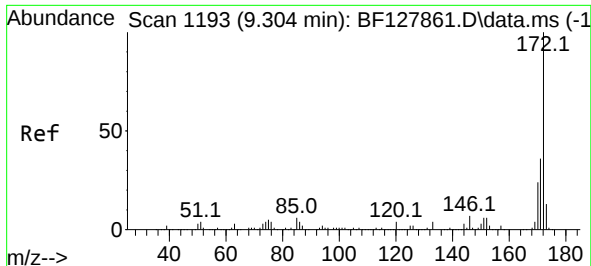
Tgt Ion:164 Resp: 231904
Ion Ratio Lower Upper
164 100
162 96.4 76.0 114.0
160 43.1 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 96.191 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.018 min
Lab File: BF127944.D
Acq: 27 Apr 2022 14:35

Tgt Ion:330 Resp: 224559
Ion Ratio Lower Upper
330 100
332 93.9 79.0 118.4
141 34.3 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 89.407 ng

RT: 9.292 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF127944.D

Acq: 27 Apr 2022 14:35

Instrument :

BNA_F

ClientSampleId :

MW1

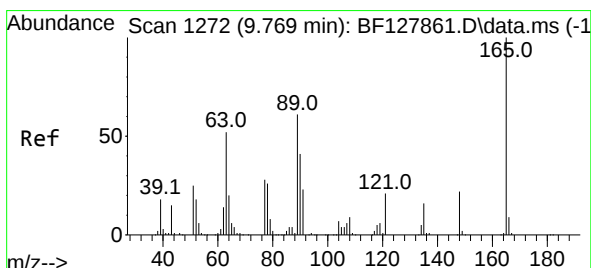
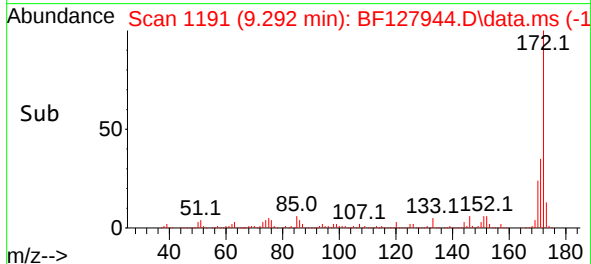
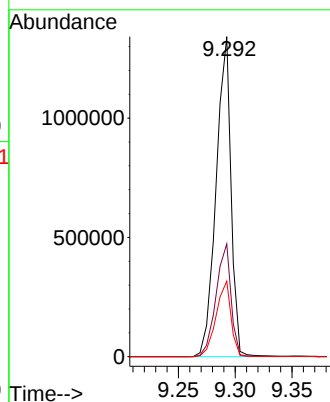
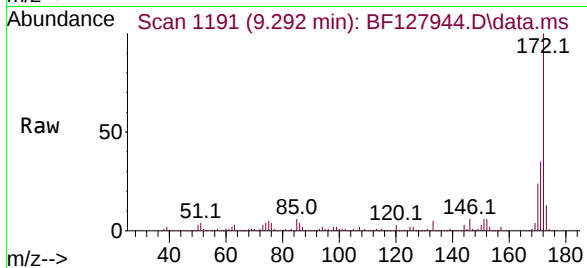
Tgt Ion:172 Resp: 1225595

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.6 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 8.757 ng

RT: 9.969 min Scan# 1306

Delta R.T. 0.200 min

Lab File: BF127944.D

Acq: 27 Apr 2022 14:35

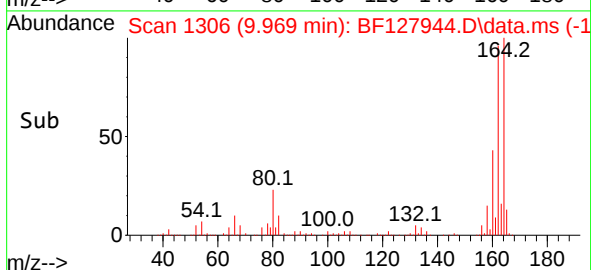
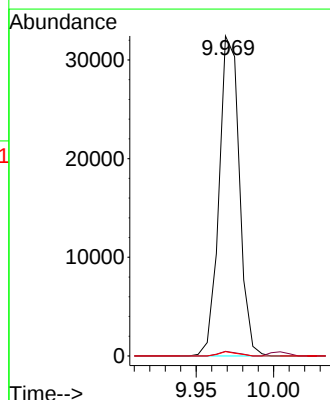
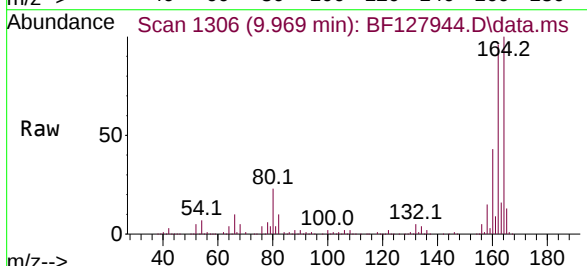
Tgt Ion:165 Resp: 29489

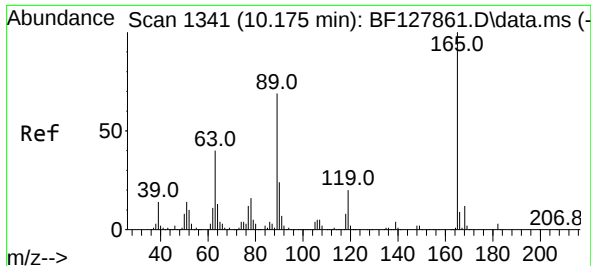
Ion Ratio Lower Upper

165 100

63 1.4 49.5 74.3#

89 1.4 49.0 73.4#

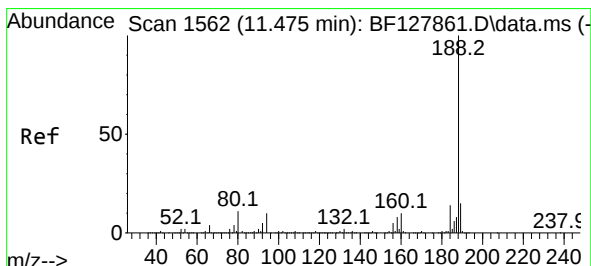
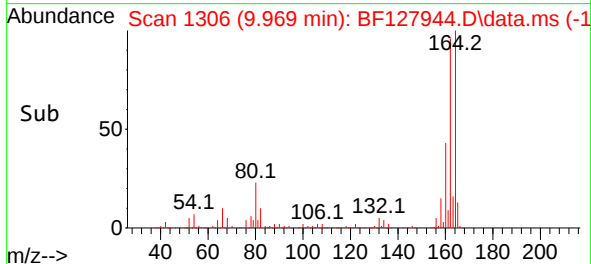
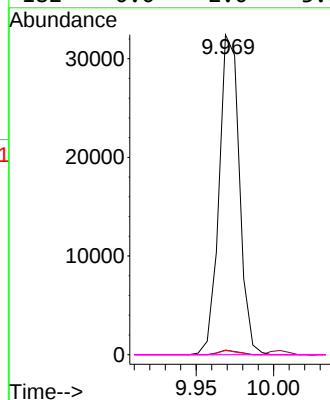
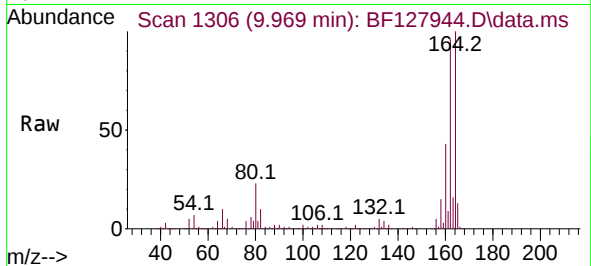




#57
2,4-Dinitrotoluene
Concen: 6.611 ng
RT: 9.969 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF127944.D
Acq: 27 Apr 2022 14:35

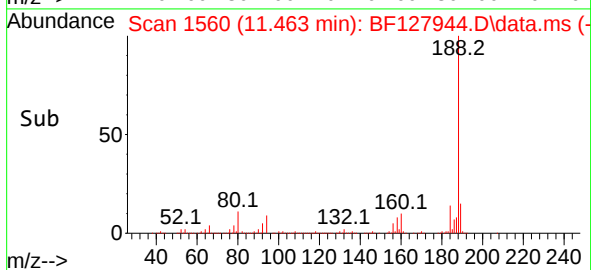
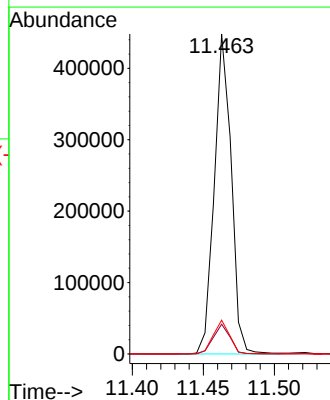
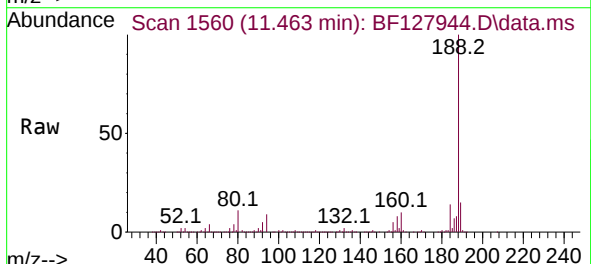
Instrument :
BNA_F
ClientSampleId :
MW1

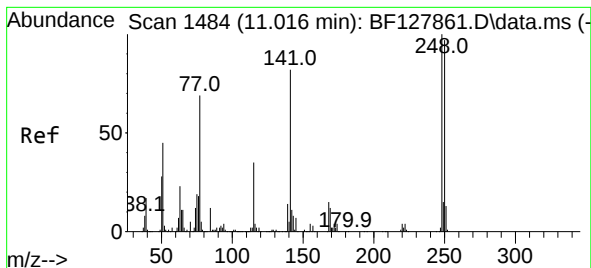
Tgt Ion:165	Resp:	29489
Ion Ratio	Lower	Upper
165	100	
63	1.4	32.6 49.0#
89	1.4	55.2 82.8#
182	0.0	2.0 3.0#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1560
Delta R.T. -0.012 min
Lab File: BF127944.D
Acq: 27 Apr 2022 14:35

Tgt Ion:188	Resp:	370152
Ion Ratio	Lower	Upper
188	100	
94	9.3	8.0 12.0
80	10.6	8.9 13.3

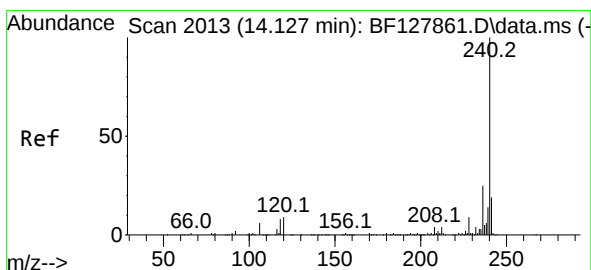
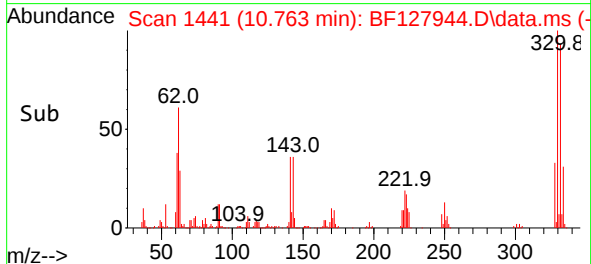
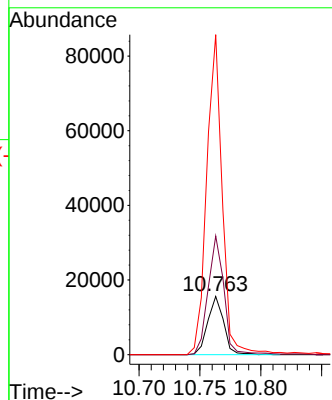
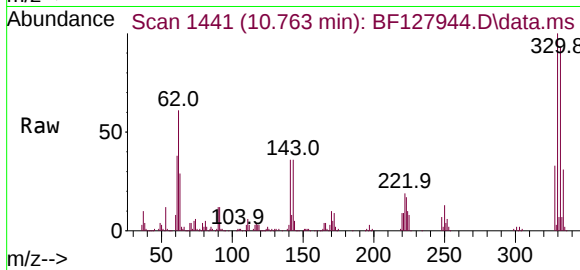




#67
4-Bromophenyl-phenylether
Concen: 3.478 ng
RT: 10.763 min Scan# 1484
Delta R.T. -0.253 min
Lab File: BF127944.D
Acq: 27 Apr 2022 14:35

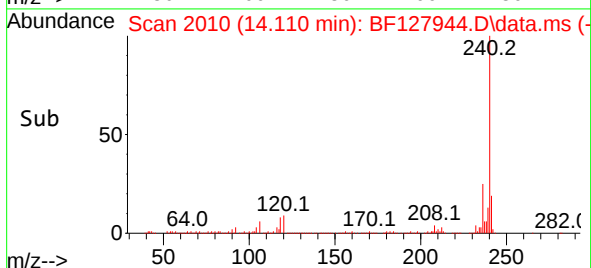
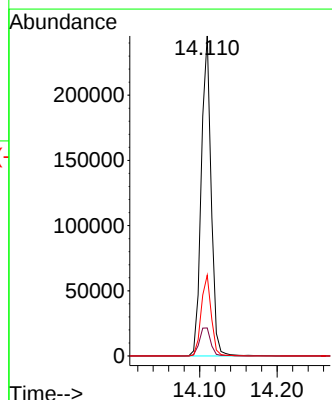
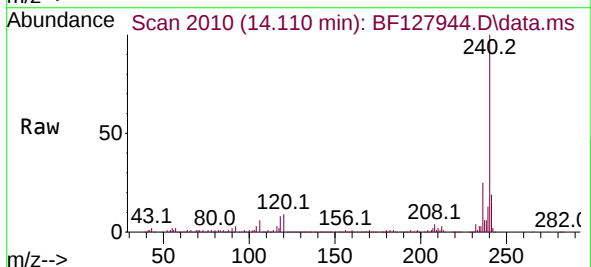
Instrument :
BNA_F
ClientSampleId :
MW1

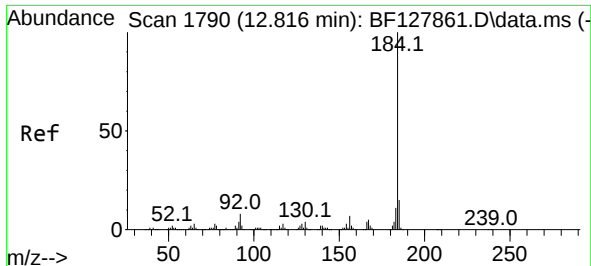
Tgt Ion:248 Resp: 14270
Ion Ratio Lower Upper
248 100
250 203.5 77.7 116.5#
141 548.7 65.6 98.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.018 min
Lab File: BF127944.D
Acq: 27 Apr 2022 14:35

Tgt Ion:240 Resp: 216708
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 25.2 20.3 30.5

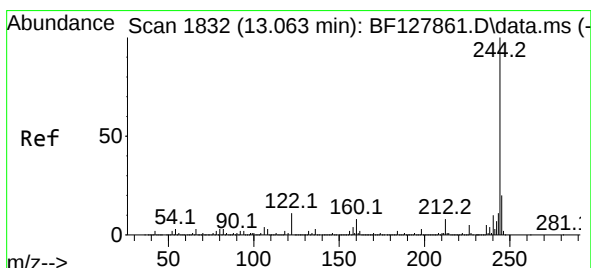
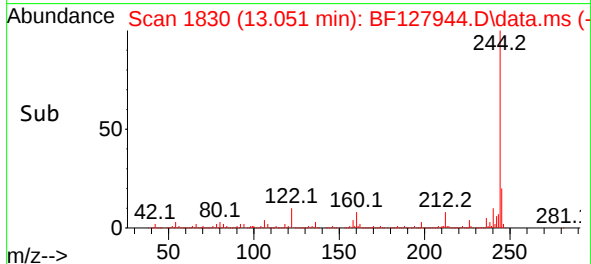
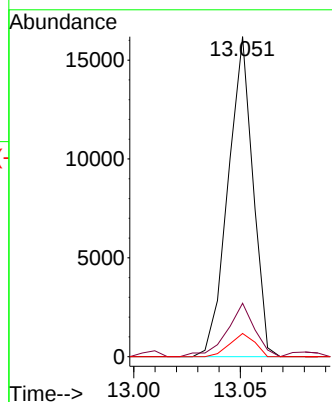
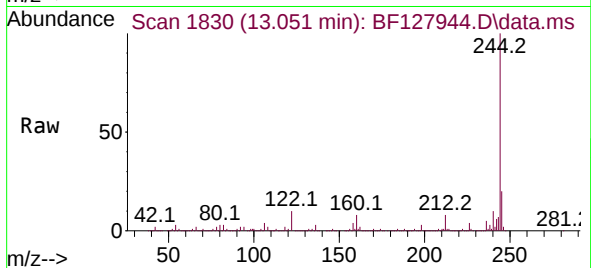




#77
Benzidine
Concen: 3.210 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.235 min
Lab File: BF127944.D
Acq: 27 Apr 2022 14:35

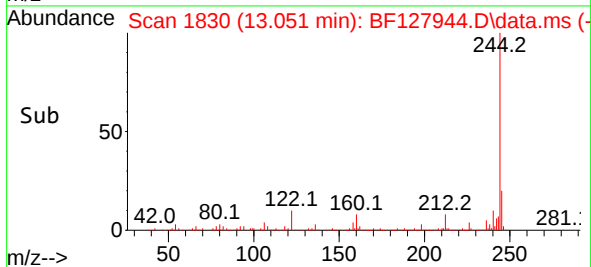
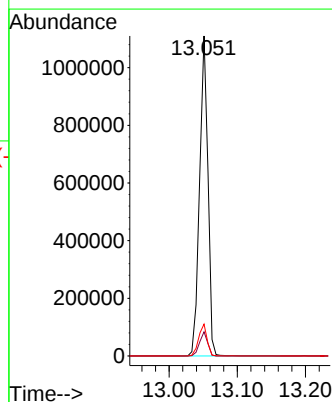
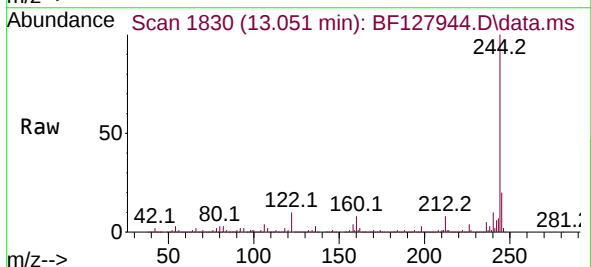
Instrument :
BNA_F
ClientSampleId :
MW1

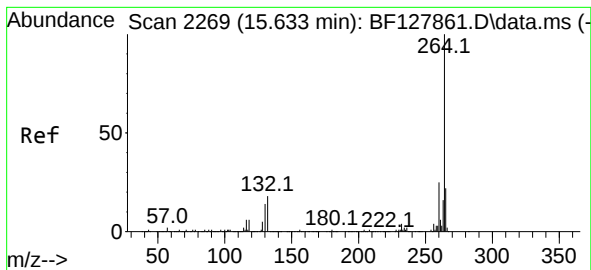
Tgt Ion:184 Resp: 13163
Ion Ratio Lower Upper
184 100
185 16.7 12.1 18.1
183 7.2 9.0 13.4#



#79
Terphenyl-d14
Concen: 79.519 ng
RT: 13.051 min Scan# 1830
Delta R.T. -0.012 min
Lab File: BF127944.D
Acq: 27 Apr 2022 14:35

Tgt Ion:244 Resp: 942407
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 10.0 8.6 12.8





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.621 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF127944.D

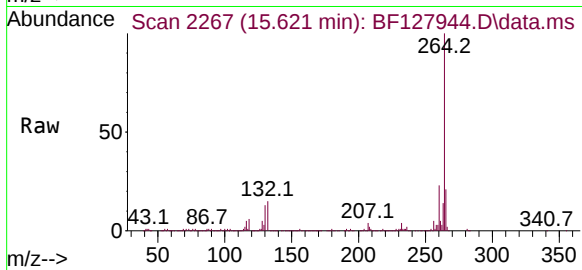
Acq: 27 Apr 2022 14:35

Instrument :

BNA_F

ClientSampleId :

MW1



Tgt Ion:264 Resp: 266905

Ion Ratio Lower Upper

264 100

260 23.0 20.1 30.1

265 21.5 17.5 26.3

