

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030322\
 Data File : BF127175.D
 Acq On : 03 Mar 2022 17:07
 Operator : CG\JU
 Sample : N1689-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-44

Quant Time: Mar 04 02:14:04 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)

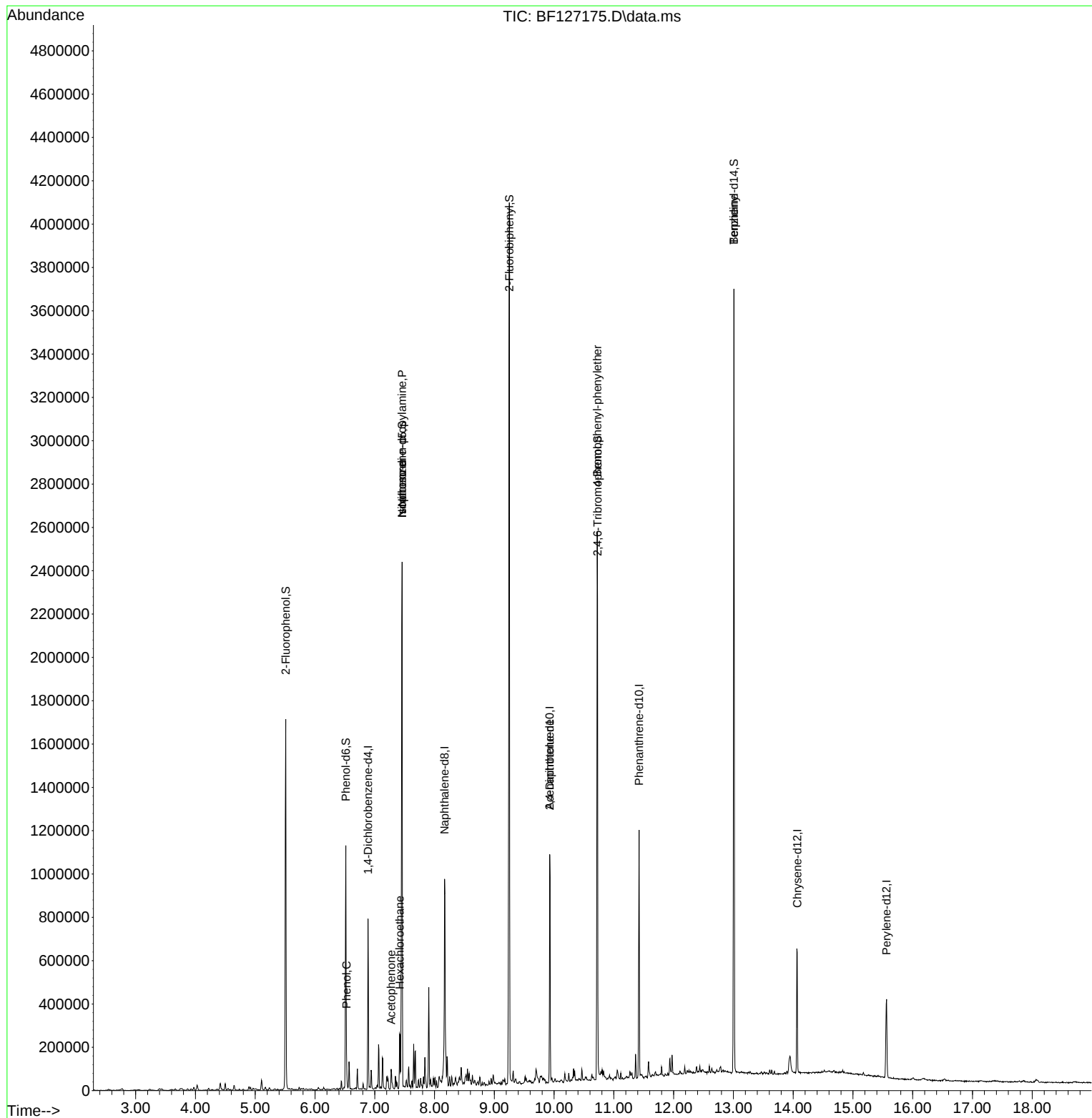
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	100167	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	401985	20.000	ng	# 0.00
39) Acenaphthene-d10	9.927	164	205834	20.000	ng	-0.01
64) Phenanthrene-d10	11.421	188	351030	20.000	ng	# 0.00
76) Chrysene-d12	14.068	240	195333	20.000	ng	# 0.00
86) Perylene-d12	15.562	264	157781	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	401984	62.026	ng	0.00
7) Phenol-d6	6.516	99	333696	38.158	ng	0.00
23) Nitrobenzene-d5	7.457	82	735155	82.548	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	329775	139.151	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1189141	85.049	ng	0.00
79) Terphenyl-d14	13.010	244	1201102	90.393	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.528	94	23369	2.645	ng	81
18) Hexachloroethane	7.416	117	21483	7.370	ng	# 1
19) n-Nitroso-di-n-propyla...	7.457	70	100750	17.879	ng	# 76
22) Acetophenone	7.275	105	33033	3.121	ng	# 55
25) Isophorone	7.457	82	732877	49.731	ng	# 69
57) 2,4-Dinitrotoluene	9.927	165	27379	6.765	ng	# 16
67) 4-Bromophenyl-phenylether	10.722	248	18613	4.746	ng	# 1
77) Benzidine	13.010	184	17866	3.366	ng	# 95

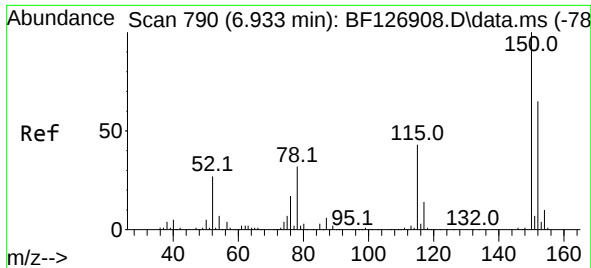
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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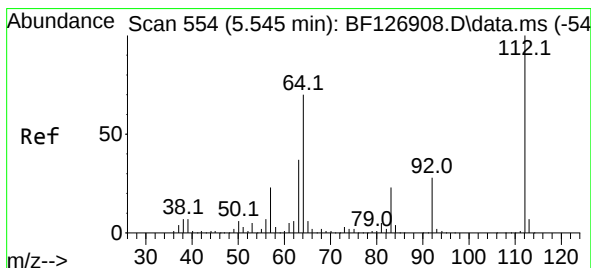
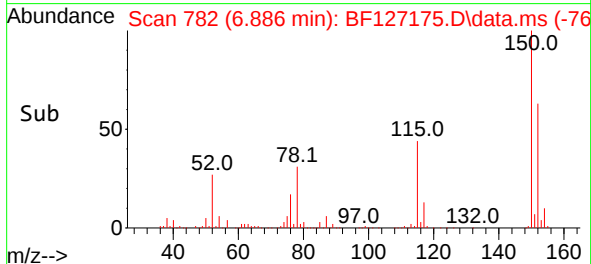
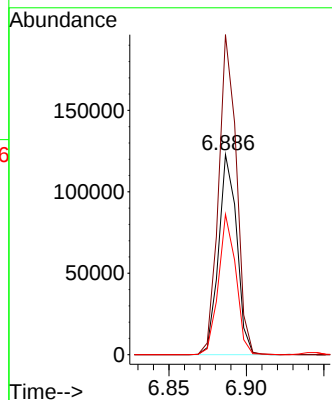
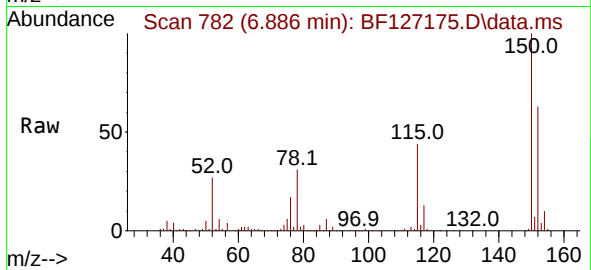




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.886 min Scan# 71
 Delta R.T. -0.007 min
 Lab File: BF127175.D
 Acq: 03 Mar 2022 17:07

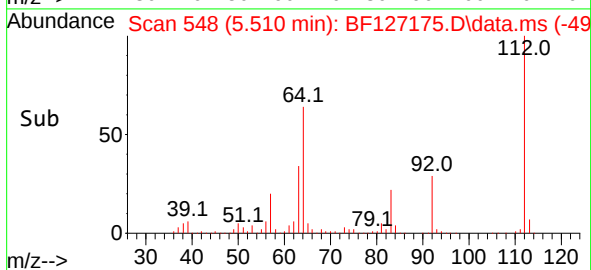
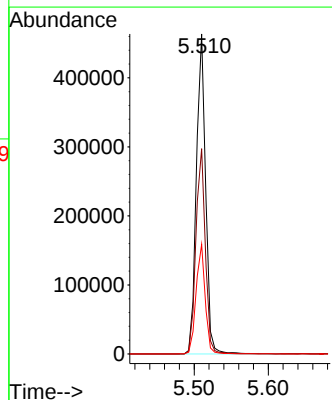
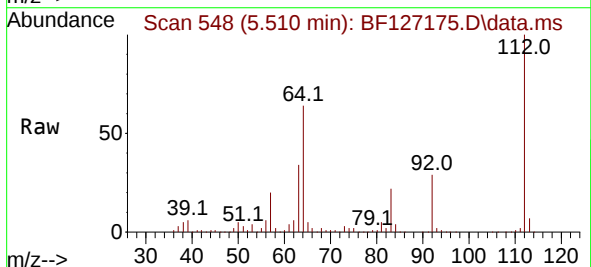
Instrument :
 BNA_F
 ClientSampleId :
 MW-44

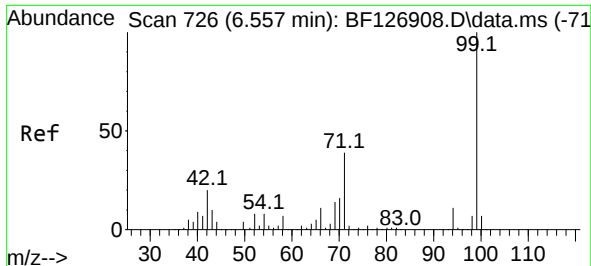
Tgt Ion:152 Resp: 100167
 Ion Ratio Lower Upper
 152 100
 150 159.8 128.1 192.1
 115 70.1 56.7 85.1



#5
 2-Fluorophenol
 Concen: 62.026 ng
 RT: 5.510 min Scan# 548
 Delta R.T. -0.000 min
 Lab File: BF127175.D
 Acq: 03 Mar 2022 17:07

Tgt Ion:112 Resp: 401984
 Ion Ratio Lower Upper
 112 100
 64 64.1 49.5 74.3
 63 34.2 23.9 35.9

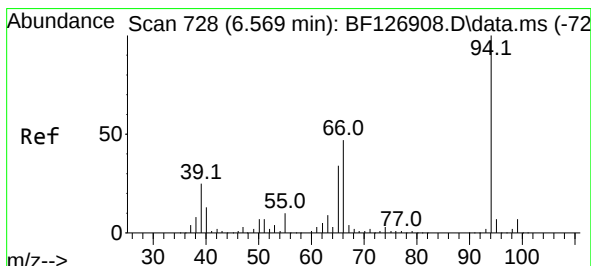
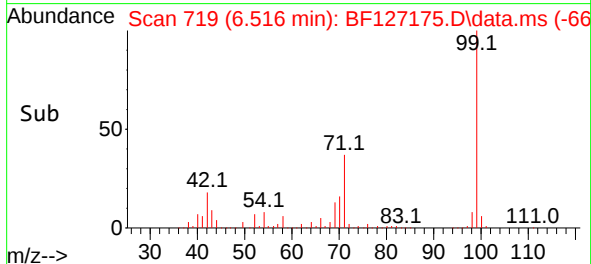
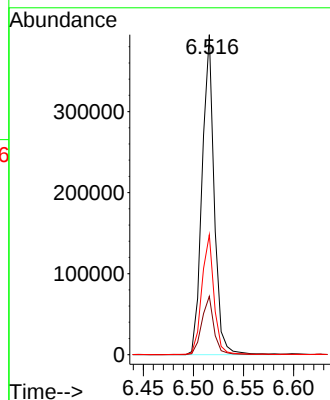
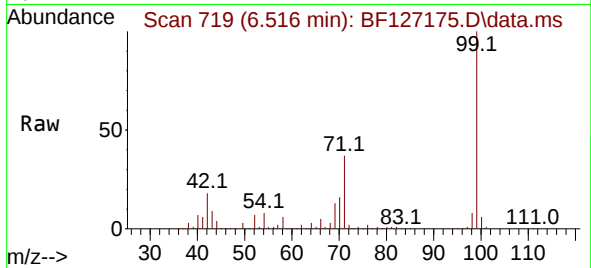




#7
Phenol-d6
Concen: 38.158 ng
RT: 6.516 min Scan# 719
Delta R.T. -0.006 min
Lab File: BF127175.D
Acq: 03 Mar 2022 17:07

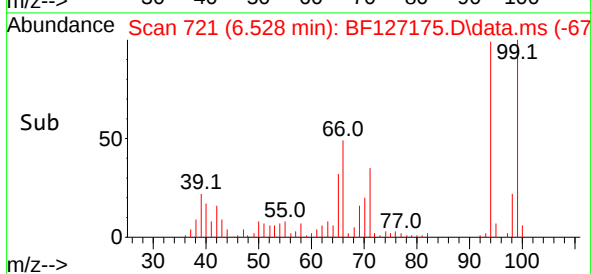
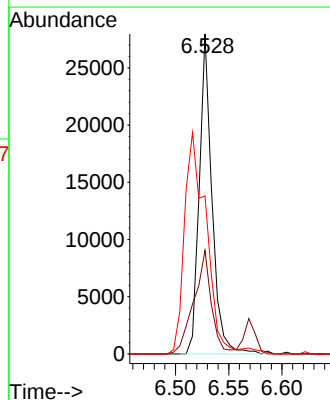
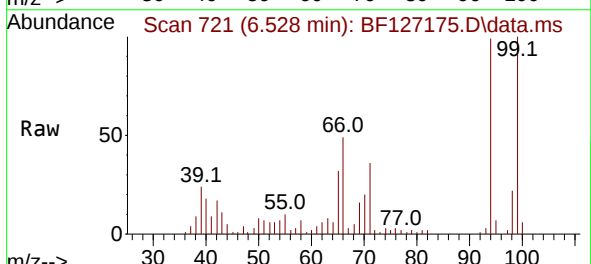
Instrument :
BNA_F
ClientSampleId :
MW-44

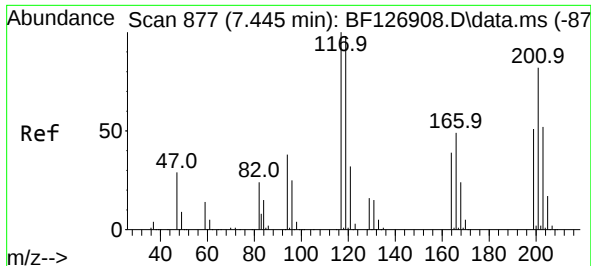
Tgt Ion: 99 Resp: 333696
Ion Ratio Lower Upper
99 100
42 18.3 14.2 21.4
71 37.5 24.3 36.5#



#10
Phenol
Concen: 2.645 ng
RT: 6.528 min Scan# 721
Delta R.T. -0.012 min
Lab File: BF127175.D
Acq: 03 Mar 2022 17:07

Tgt Ion: 94 Resp: 23369
Ion Ratio Lower Upper
94 100
65 32.3 7.2 47.2
66 49.3 14.5 54.5

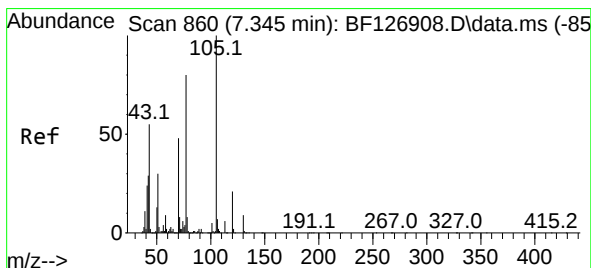
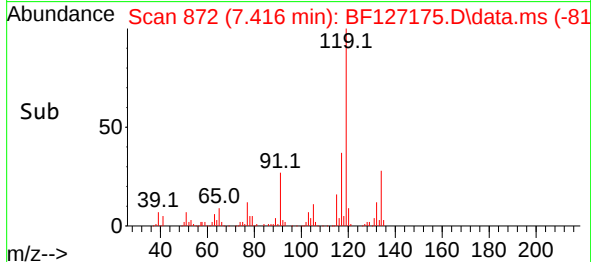
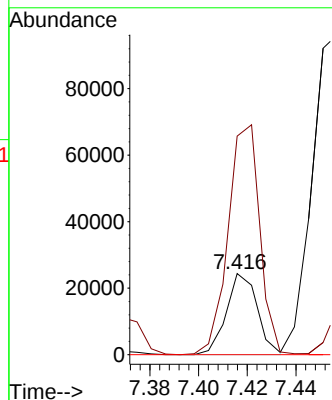
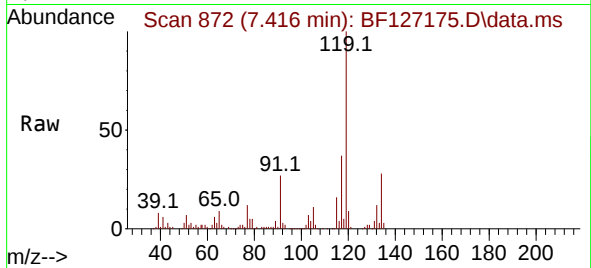




#18
Hexachloroethane
Concen: 7.370 ng
RT: 7.416 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF127175.D
Acq: 03 Mar 2022 17:07

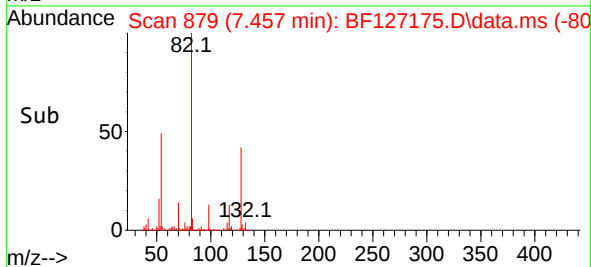
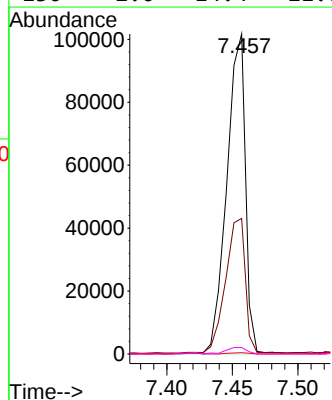
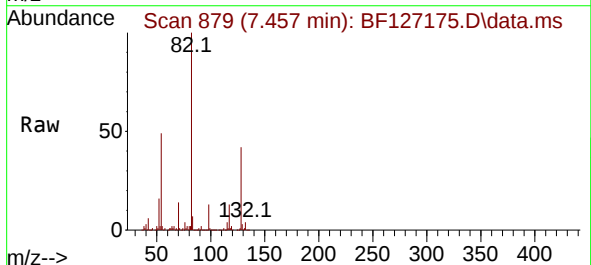
Instrument :
BNA_F
ClientSampleId :
MW-44

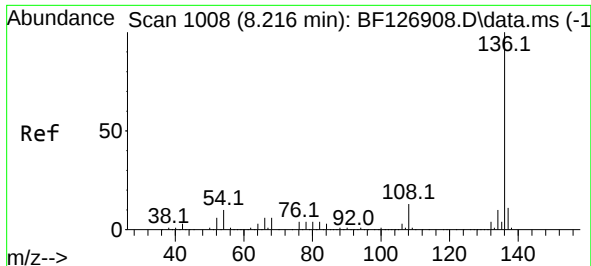
Tgt Ion:117 Resp: 21483
Ion Ratio Lower Upper
117 100
119 269.3 75.4 113.0#
201 0.0 56.8 85.2#



#19
n-Nitroso-di-n-propylamine
Concen: 17.879 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.153 min
Lab File: BF127175.D
Acq: 03 Mar 2022 17:07

Tgt Ion: 70 Resp: 100750
Ion Ratio Lower Upper
70 100
42 42.3 45.8 68.8#
101 0.4 6.9 10.3#
130 2.0 14.4 21.6#

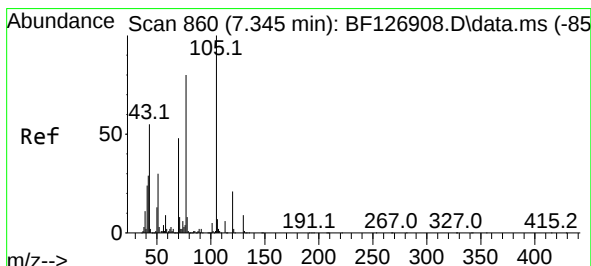
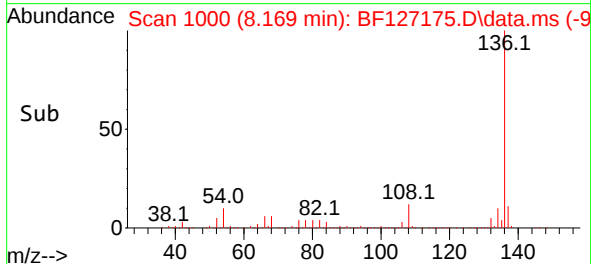
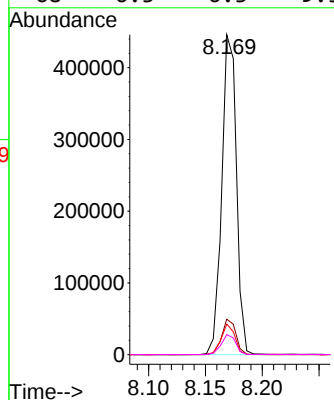
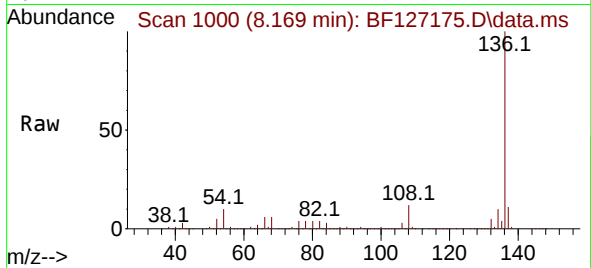




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF127175.D
Acq: 03 Mar 2022 17:07

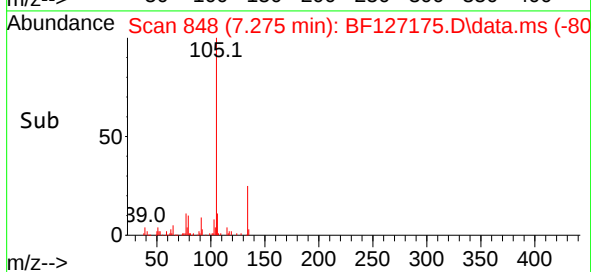
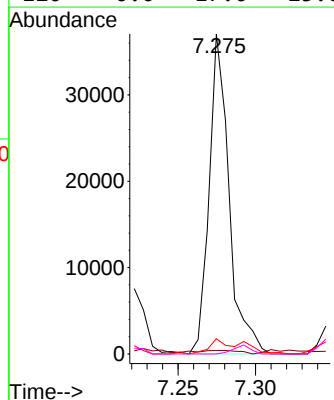
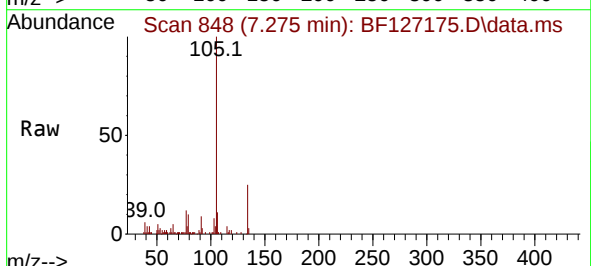
Instrument :
BNA_F
ClientSampleId :
MW-44

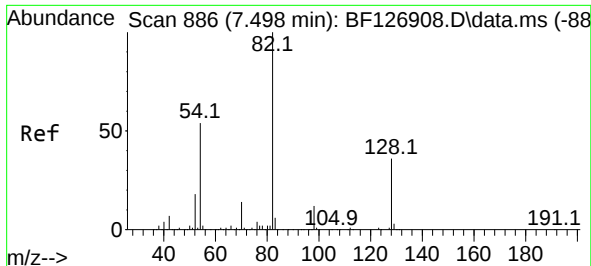
Tgt Ion:136 Resp: 401985
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.5 7.8 11.6
68 6.3 6.3 9.5#



#22
Acetophenone
Concen: 3.121 ng
RT: 7.275 min Scan# 848
Delta R.T. -0.030 min
Lab File: BF127175.D
Acq: 03 Mar 2022 17:07

Tgt Ion:105 Resp: 33033
Ion Ratio Lower Upper
105 100
71 1.1 5.4 8.0#
51 4.7 27.4 41.0#
120 0.0 17.0 25.6#





#23

Nitrobenzene-d5

Concen: 82.548 ng

RT: 7.457 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127175.D

Acq: 03 Mar 2022 17:07

Instrument :

BNA_F

ClientSampleId :

MW-44

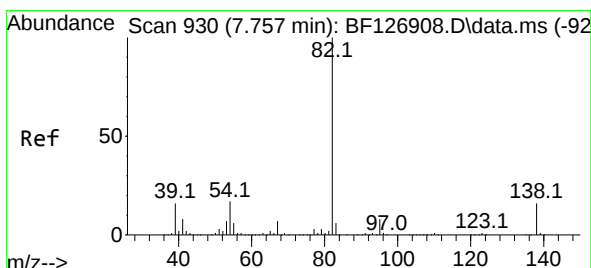
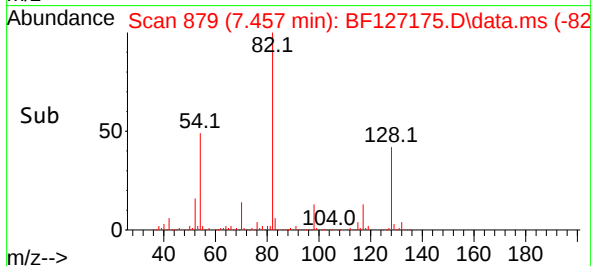
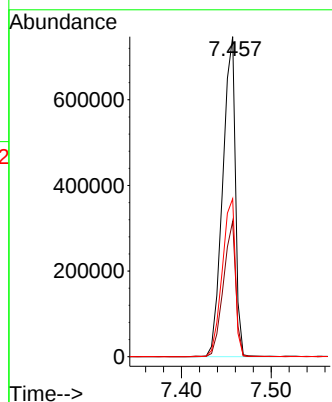
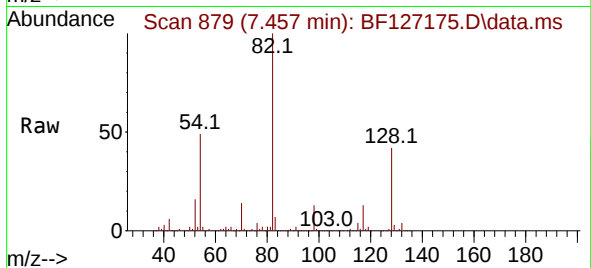
Tgt Ion: 82 Resp: 735155

Ion Ratio Lower Upper

82 100

128 42.3 32.7 49.1

54 49.3 41.7 62.5



#25

Isophorone

Concen: 49.731 ng

RT: 7.457 min Scan# 879

Delta R.T. -0.259 min

Lab File: BF127175.D

Acq: 03 Mar 2022 17:07

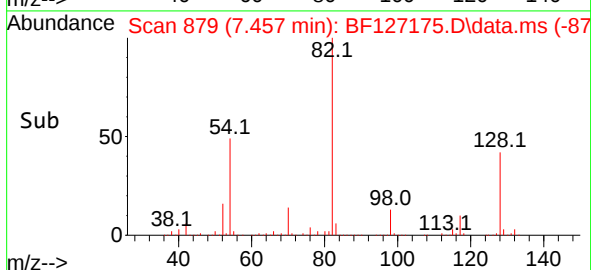
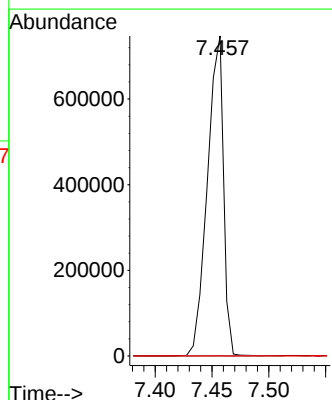
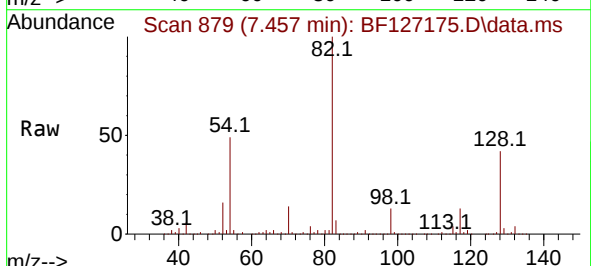
Tgt Ion: 82 Resp: 732877

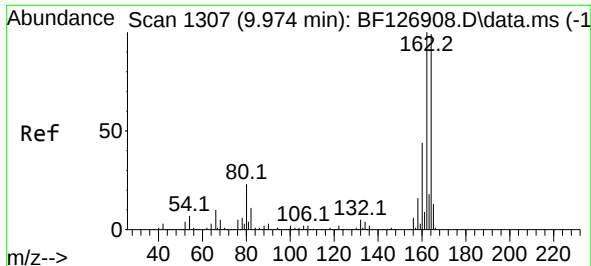
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#

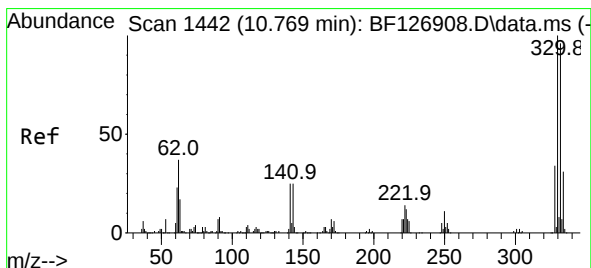
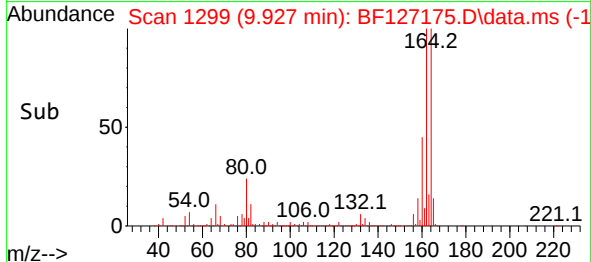
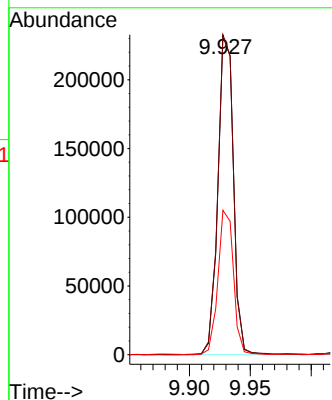
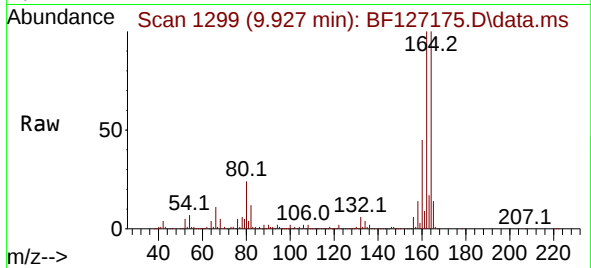




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.927 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF127175.D
Acq: 03 Mar 2022 17:07

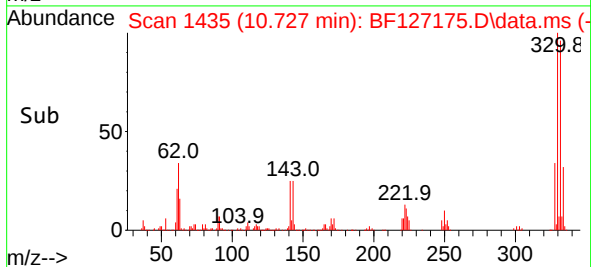
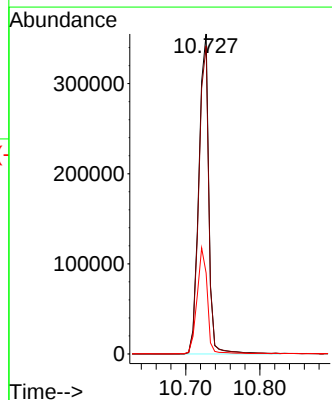
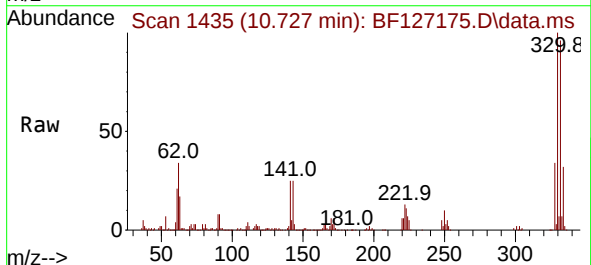
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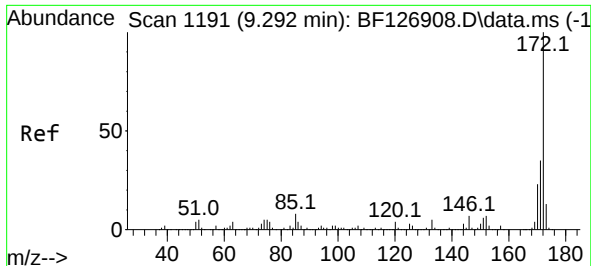
Tgt Ion:164 Resp: 205834
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 45.2 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 139.151 ng
RT: 10.727 min Scan# 1435
Delta R.T. -0.000 min
Lab File: BF127175.D
Acq: 03 Mar 2022 17:07

Tgt Ion:330 Resp: 329775
Ion Ratio Lower Upper
330 100
332 96.8 76.0 114.0
141 33.8 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 85.049 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF127175.D

Acq: 03 Mar 2022 17:07

Instrument :

BNA_F

ClientSampleId :

MW-44

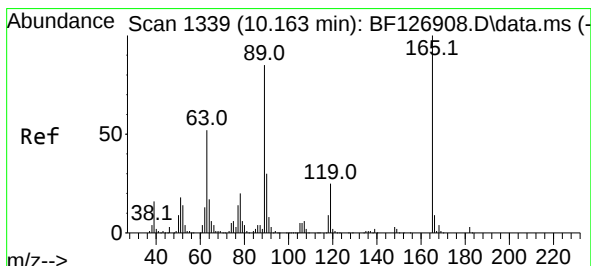
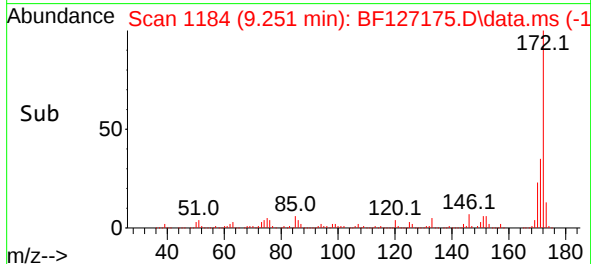
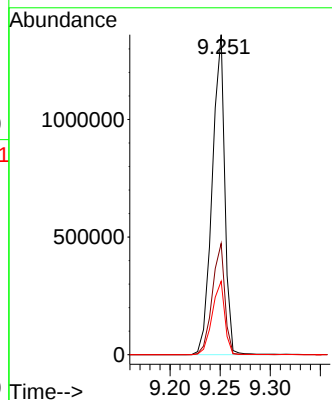
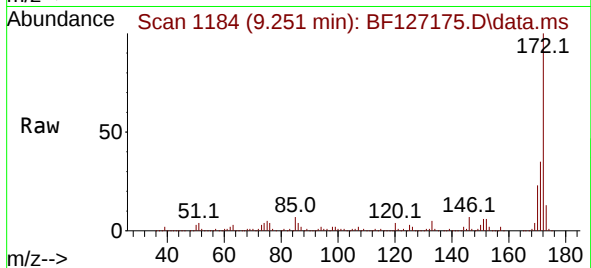
Tgt Ion:172 Resp: 1189141

Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.0 19.0 28.6



#57

2,4-Dinitrotoluene

Concen: 6.765 ng

RT: 9.927 min Scan# 1299

Delta R.T. -0.200 min

Lab File: BF127175.D

Acq: 03 Mar 2022 17:07

Tgt Ion:165 Resp: 27379

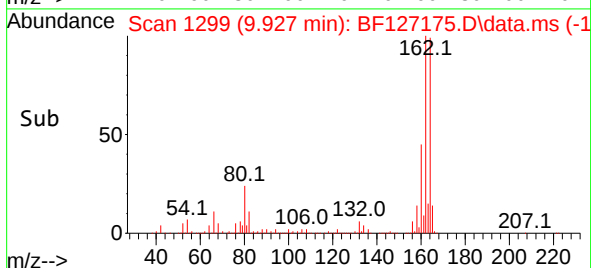
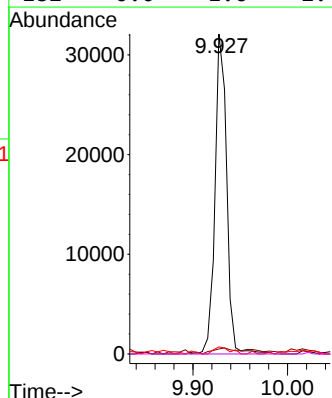
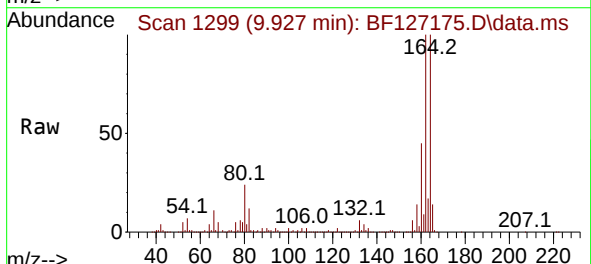
Ion Ratio Lower Upper

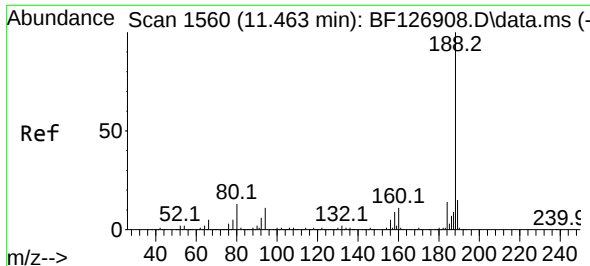
165 100

63 1.5 43.0 64.6#

89 2.2 71.0 106.4#

182 0.0 1.6 2.4#

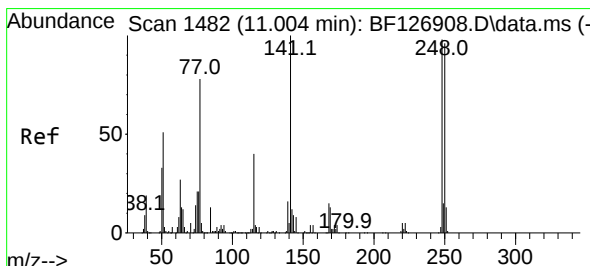
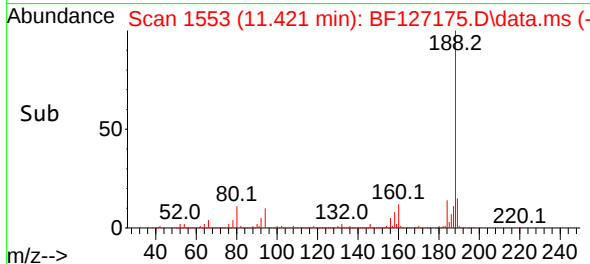
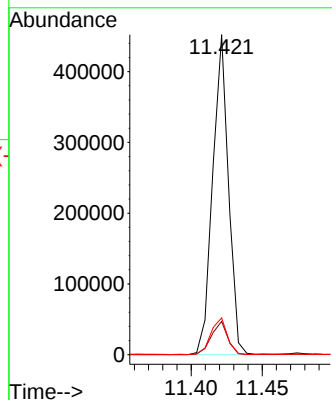
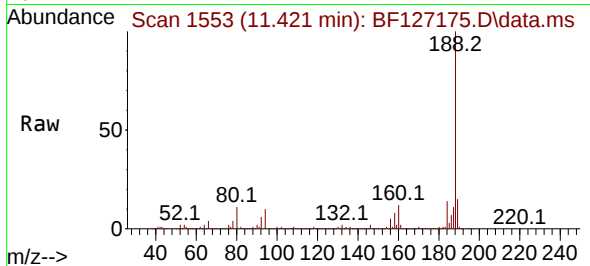




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.421 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF127175.D
Acq: 03 Mar 2022 17:07

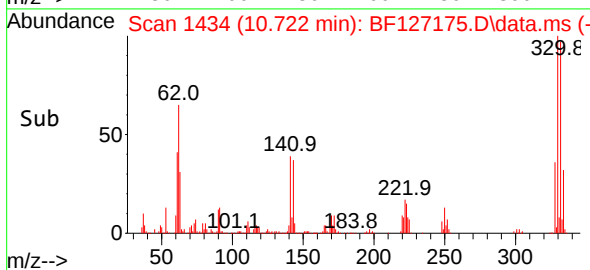
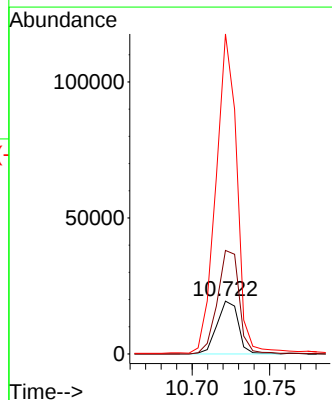
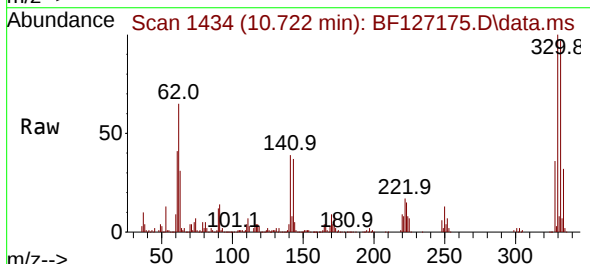
Instrument :
BNA_F
ClientSampleId :
MW-44

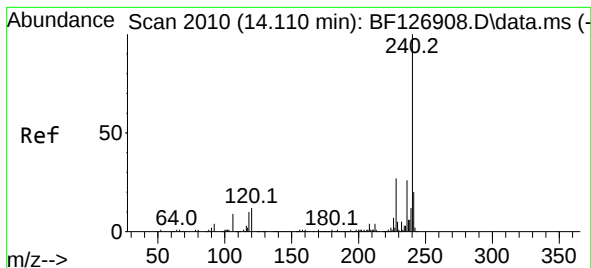
Tgt Ion:188 Resp: 351030
Ion Ratio Lower Upper
188 100
94 10.4 10.1 15.1
80 11.5 11.8 17.6#



#67
4-Bromophenyl-phenylether
Concen: 4.746 ng
RT: 10.722 min Scan# 1434
Delta R.T. -0.247 min
Lab File: BF127175.D
Acq: 03 Mar 2022 17:07

Tgt Ion:248 Resp: 18613
Ion Ratio Lower Upper
248 100
250 196.1 76.2 114.4#
141 606.4 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: BF127175.D

Acq: 03 Mar 2022 17:07

Instrument :

BNA_F

ClientSampleId :

MW-44

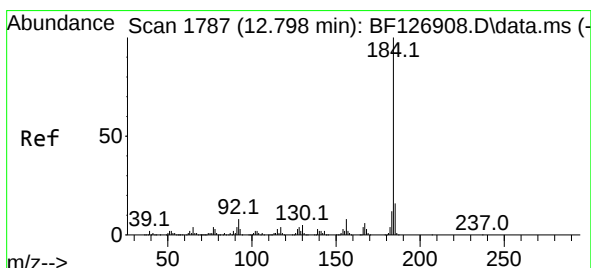
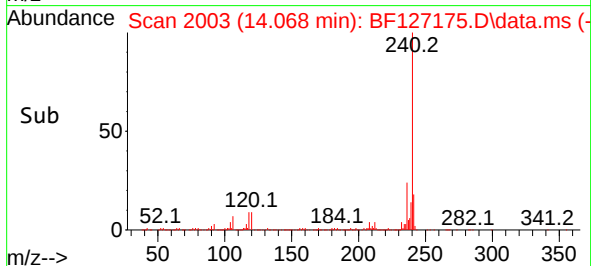
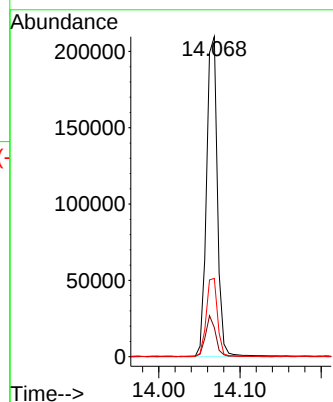
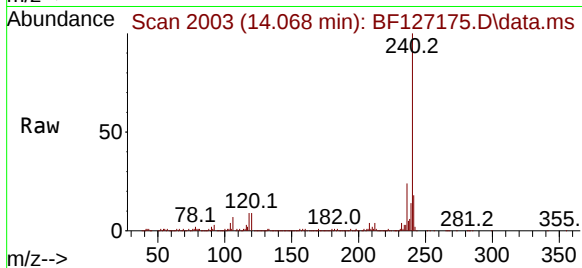
Tgt Ion:240 Resp: 195333

Ion Ratio Lower Upper

240 100

120 9.1 14.4 21.6#

236 24.5 20.5 30.7



#77

Benzidine

Concen: 3.366 ng

RT: 13.010 min Scan# 1823

Delta R.T. 0.247 min

Lab File: BF127175.D

Acq: 03 Mar 2022 17:07

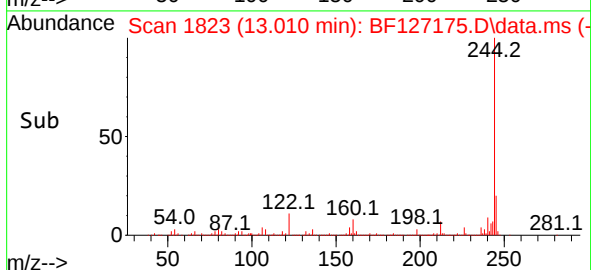
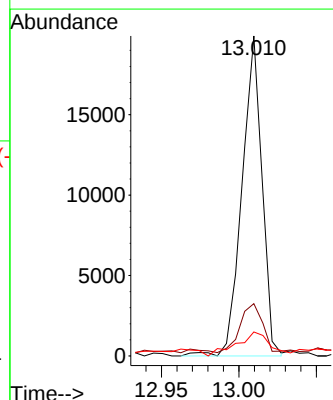
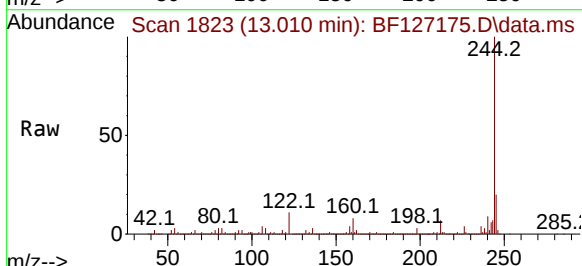
Tgt Ion:184 Resp: 17866

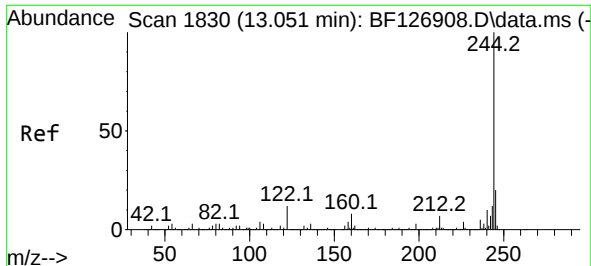
Ion Ratio Lower Upper

184 100

185 16.4 11.8 17.8

183 7.5 8.2 12.2#

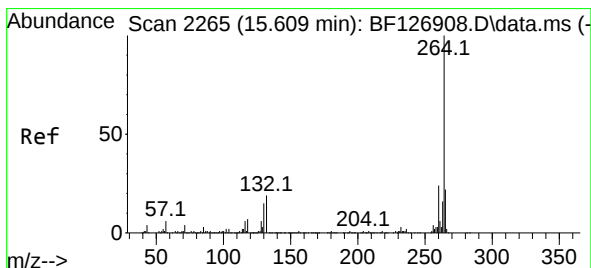
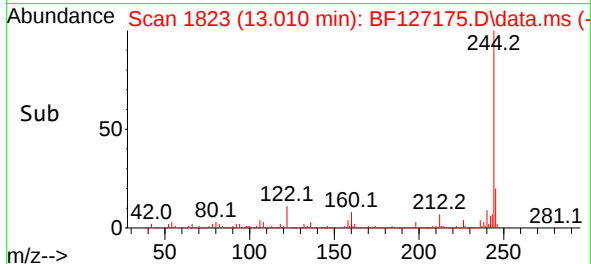
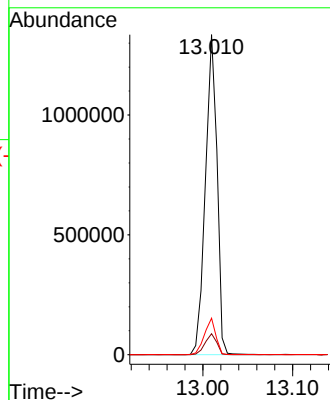
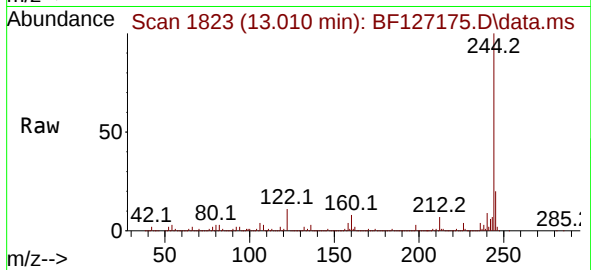




#79
 Terphenyl-d14
 Concen: 90.393 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF127175.D
 Acq: 03 Mar 2022 17:07

Instrument :
 BNA_F
 ClientSampleId :
 MW-44

Tgt Ion:244 Resp: 1201102
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 11.4 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: BF127175.D
 Acq: 03 Mar 2022 17:07

Tgt Ion:264 Resp: 157781
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 22.3 17.4 26.2

