

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032322\
 Data File : BF127476.D
 Acq On : 23 Mar 2022 13:07
 Operator : CG\JU
 Sample : N2062-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Time: Mar 24 02:11:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

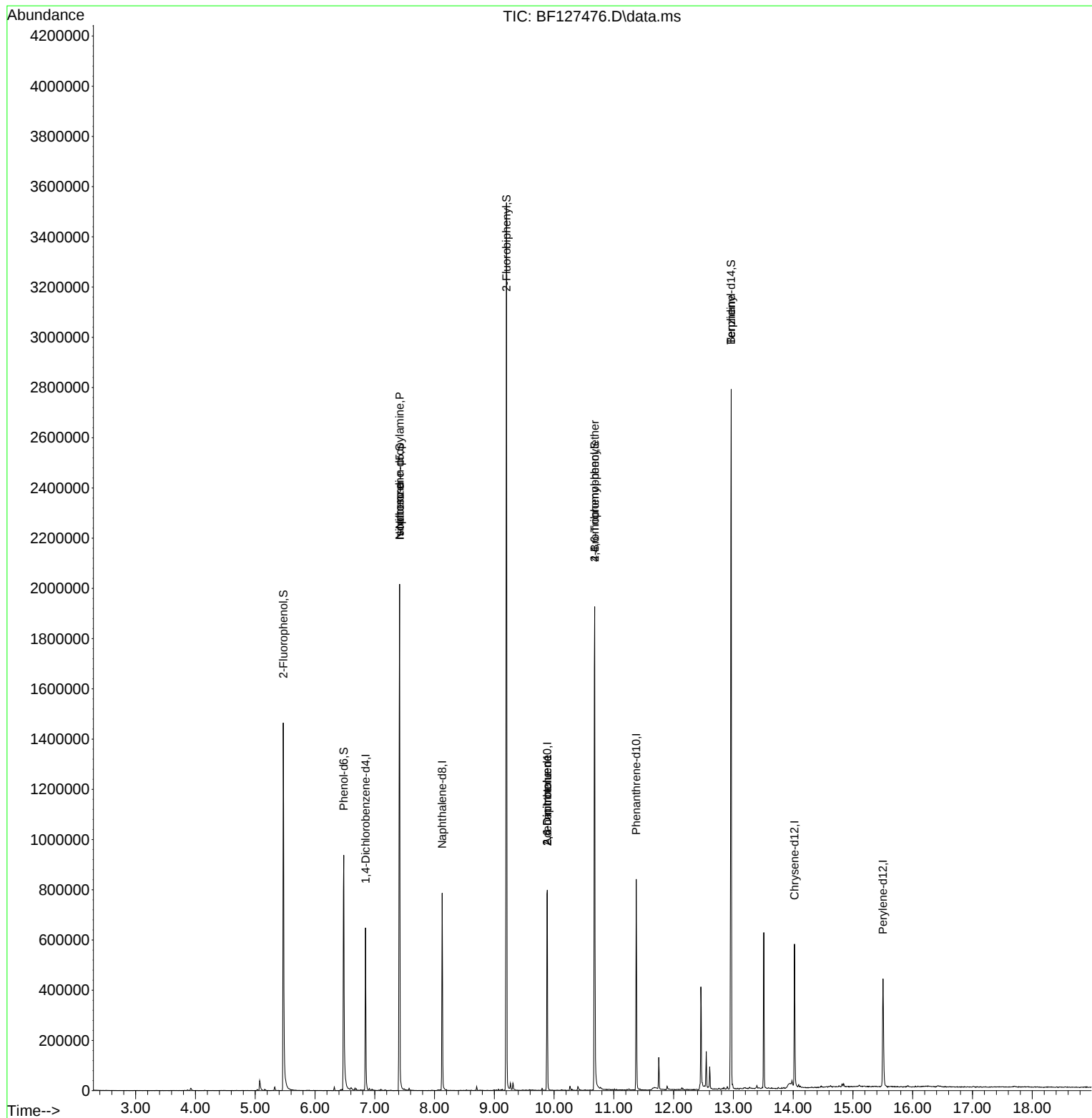
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	83043	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	303235	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	170615	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	280918	20.000	ng	0.00
76) Chrysene-d12	14.021	240	184333	20.000	ng	0.00
86) Perylene-d12	15.504	264	195739	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	374548	71.994	ng	0.00
7) Phenol-d6	6.481	99	326207	45.871	ng	0.00
23) Nitrobenzene-d5	7.416	82	641142	90.379	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	228859	125.921	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1056658	90.436	ng	0.00
79) Terphenyl-d14	12.963	244	966035	85.791	ng	0.00
Target Compounds						
9) Benzaldehyde	6.487	77	547	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.416	70	87172	20.450	ng	# 79
25) Isophorone	7.416	82	641217	56.752	ng	# 70
51) 2,6-Dinitrotoluene	9.886	165	21464	8.615	ng	# 18
57) 2,4-Dinitrotoluene	9.886	165	21464	6.693	ng	# 14
58) Fluorene	10.675	166	9498	Below Cal	#	86
67) 4-Bromophenyl-phenylether	10.681	248	15466	4.716	ng	# 1
77) Benzidine	12.963	184	12352	2.810	ng	# 96

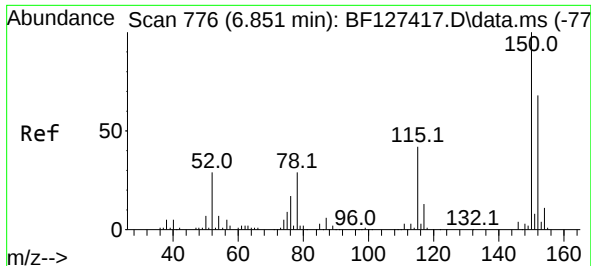
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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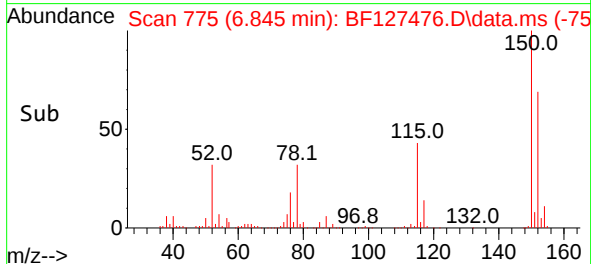
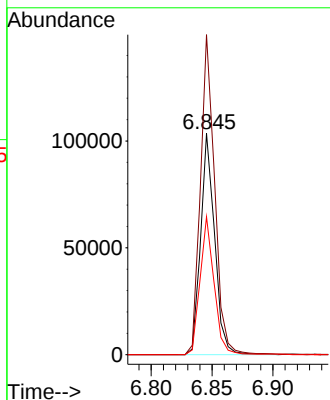
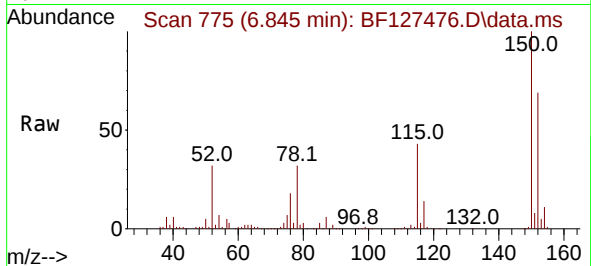




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: BF127476.D
 Acq: 23 Mar 2022 13:07

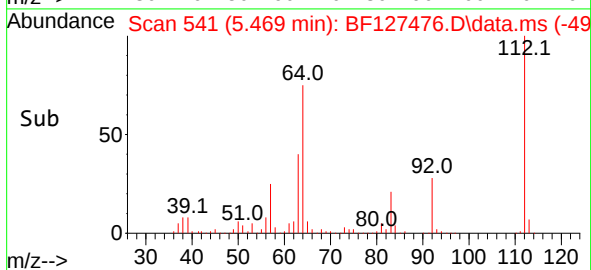
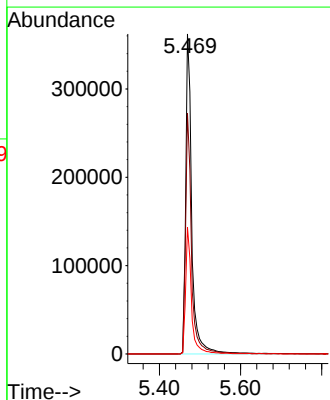
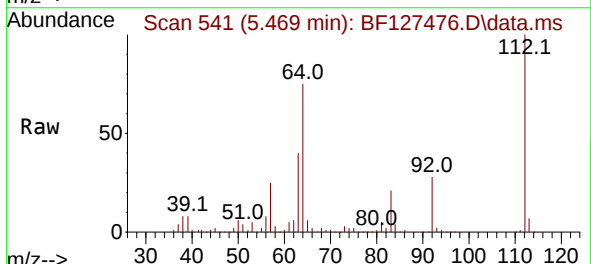
Instrument :
 BNA_F
 ClientSampleId :
 MW-1

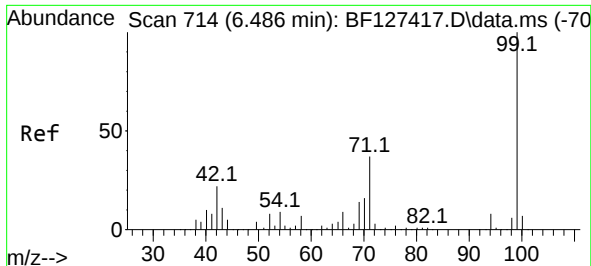
Tgt Ion:152 Resp: 83043
 Ion Ratio Lower Upper
 152 100
 150 144.7 117.2 175.8
 115 62.4 49.8 74.6



#5
 2-Fluorophenol
 Concen: 71.994 ng
 RT: 5.469 min Scan# 541
 Delta R.T. 0.000 min
 Lab File: BF127476.D
 Acq: 23 Mar 2022 13:07

Tgt Ion:112 Resp: 374548
 Ion Ratio Lower Upper
 112 100
 64 75.2 58.4 87.6
 63 39.6 30.1 45.1

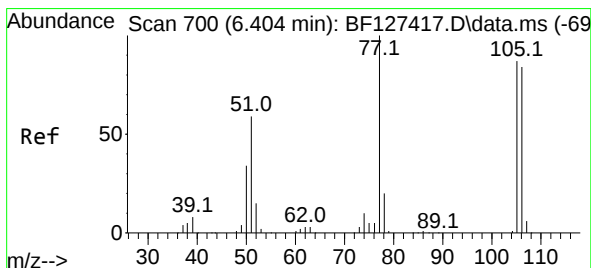
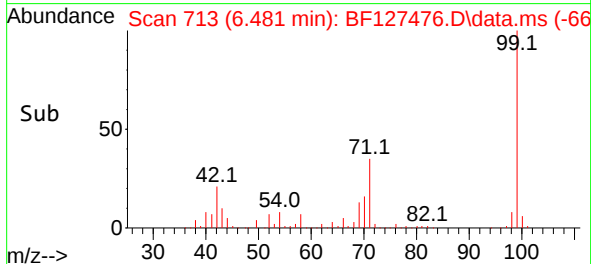
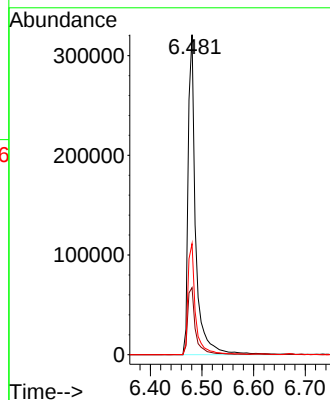
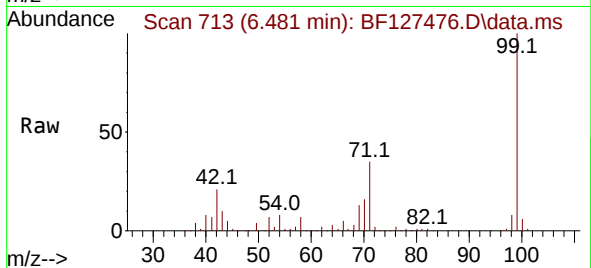




#7
Phenol-d6
Concen: 45.871 ng
RT: 6.481 min Scan# 714
Delta R.T. -0.006 min
Lab File: BF127476.D
Acq: 23 Mar 2022 13:07

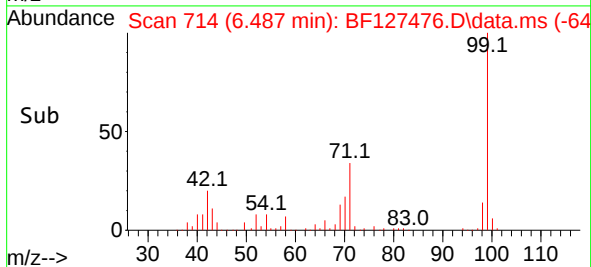
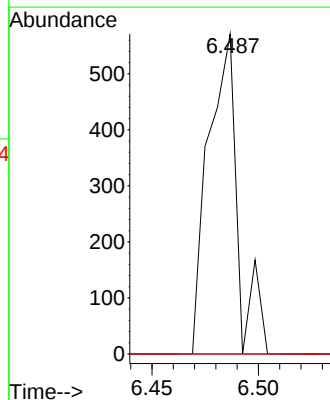
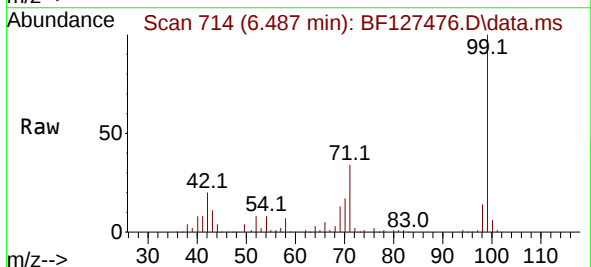
Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 99 Resp: 326207
Ion Ratio Lower Upper
99 100
42 21.0 17.8 26.6
71 34.7 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.487 min Scan# 714
Delta R.T. 0.083 min
Lab File: BF127476.D
Acq: 23 Mar 2022 13:07

Tgt Ion: 77 Resp: 547
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#

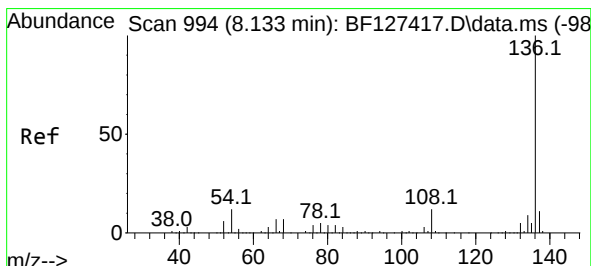
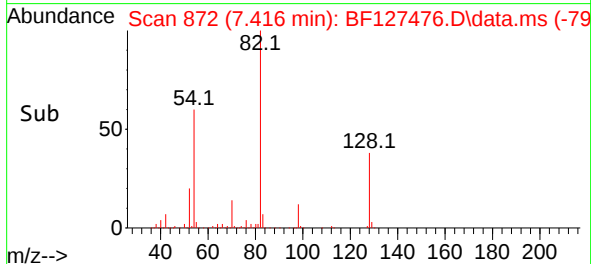
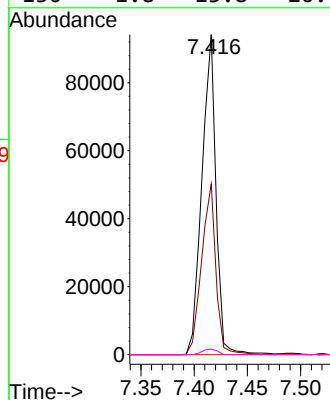
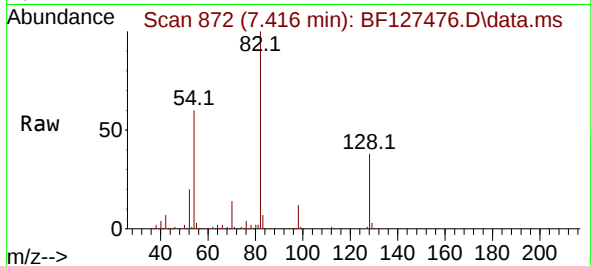




#19
n-Nitroso-di-n-propylamine
Concen: 20.450 ng
RT: 7.416 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127476.D
Acq: 23 Mar 2022 13:07

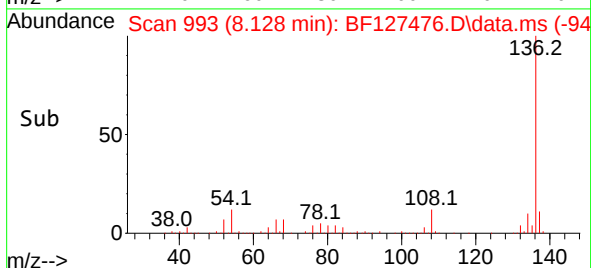
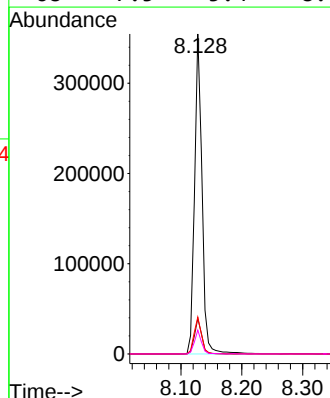
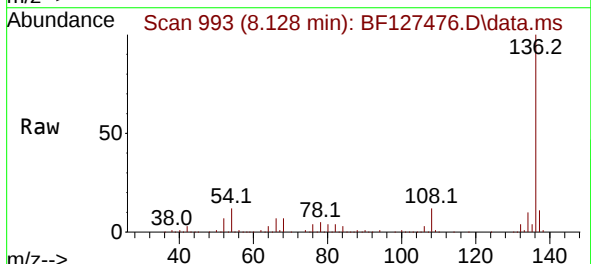
Instrument :
BNA_F
ClientSampleId :
MW-1

Tgt Ion: 70 Resp: 87172
Ion Ratio Lower Upper
70 100
42 53.4 53.0 79.6
101 0.0 6.8 10.2#
130 1.8 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127476.D
Acq: 23 Mar 2022 13:07

Tgt Ion:136 Resp: 303235
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 11.6 9.2 13.8
68 7.5 5.4 8.0

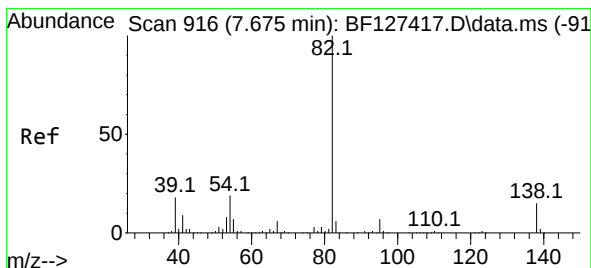
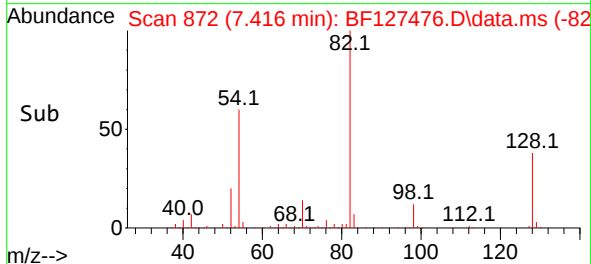
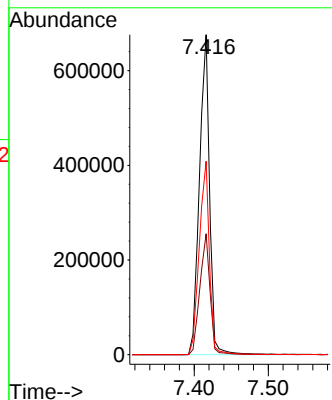
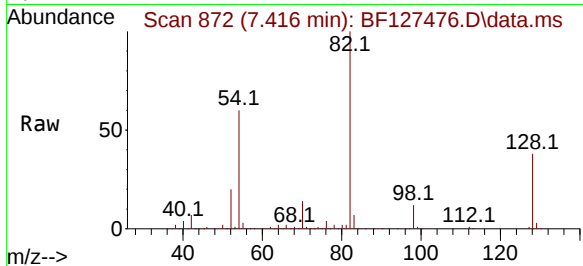




#23
Nitrobenzene-d5
Concen: 90.379 ng
RT: 7.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127476.D
Acq: 23 Mar 2022 13:07

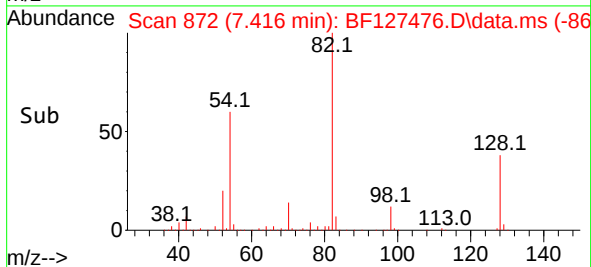
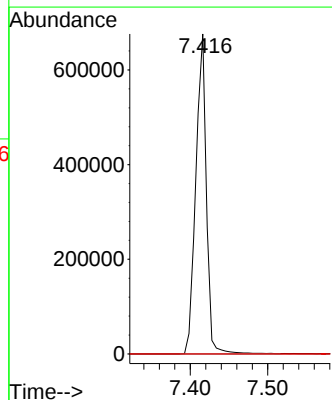
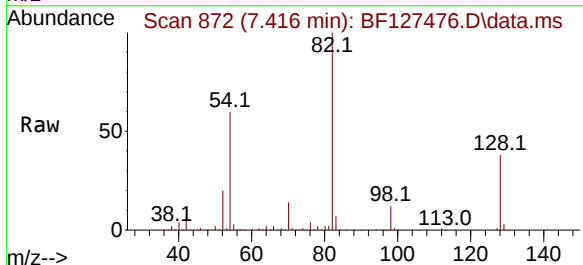
Instrument :
BNA_F
ClientSampleId :
MW-1

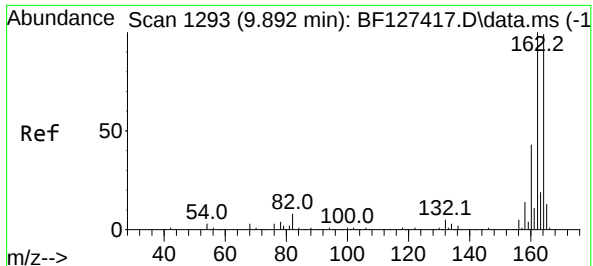
Tgt Ion: 82 Resp: 641142
Ion Ratio Lower Upper
82 100
128 37.8 30.6 45.8
54 60.4 48.2 72.2



#25
Isophorone
Concen: 56.752 ng
RT: 7.416 min Scan# 872
Delta R.T. -0.259 min
Lab File: BF127476.D
Acq: 23 Mar 2022 13:07

Tgt Ion: 82 Resp: 641217
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.8#
138 0.0 11.6 17.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127476.D

Acq: 23 Mar 2022 13:07

Instrument :

BNA_F

ClientSampleId :

MW-1

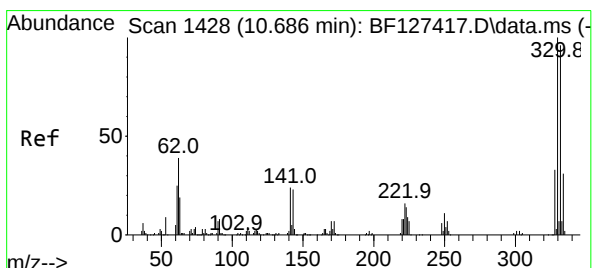
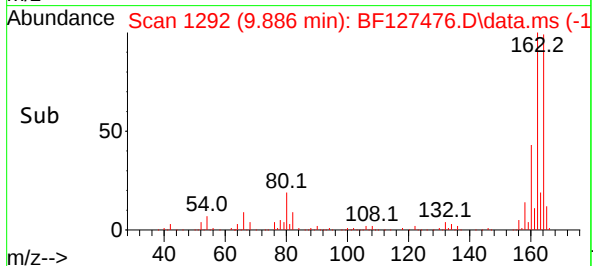
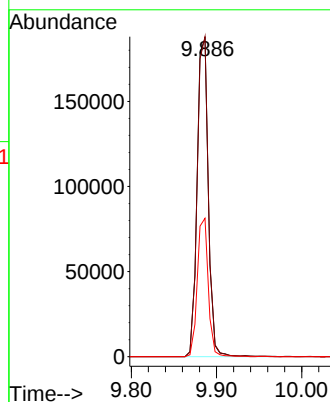
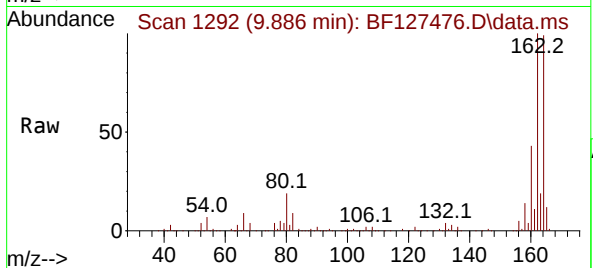
Tgt Ion:164 Resp: 170615

Ion Ratio Lower Upper

164 100

162 100.5 81.2 121.8

160 43.5 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 125.921 ng

RT: 10.681 min Scan# 1427

Delta R.T. -0.006 min

Lab File: BF127476.D

Acq: 23 Mar 2022 13:07

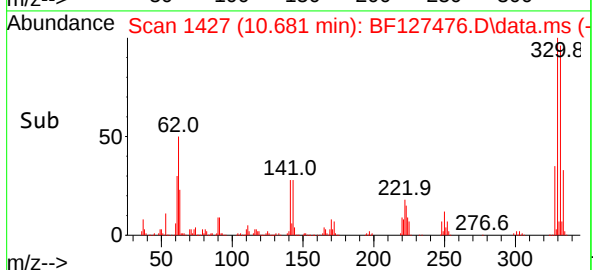
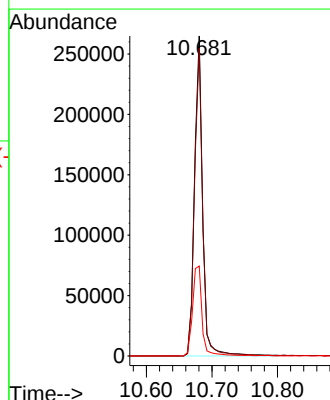
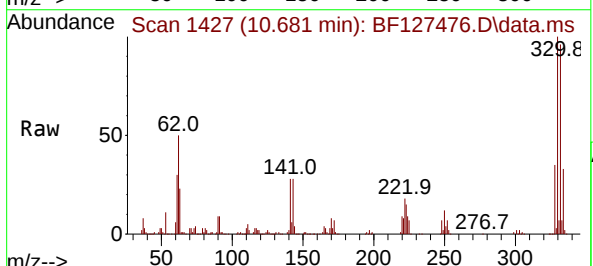
Tgt Ion:330 Resp: 228859

Ion Ratio Lower Upper

330 100

332 96.7 79.1 118.7

141 32.9 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 90.436 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127476.D

Acq: 23 Mar 2022 13:07

Instrument :

BNA_F

ClientSampleId :

MW-1

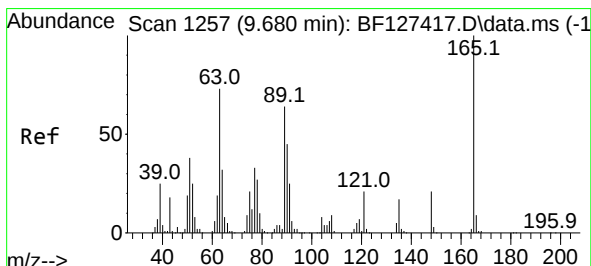
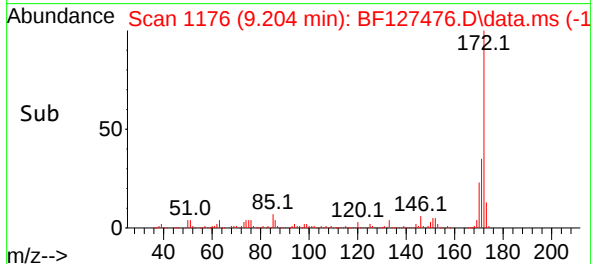
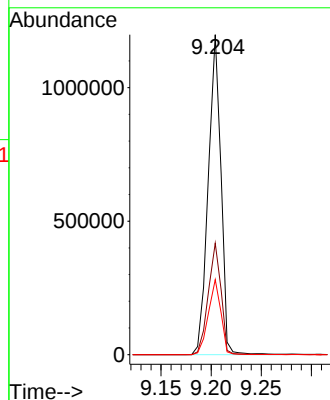
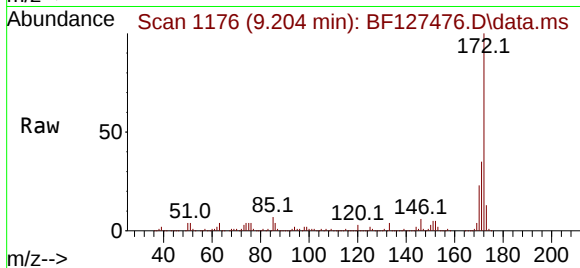
Tgt Ion:172 Resp: 1056658

Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.5 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 8.615 ng

RT: 9.886 min Scan# 1292

Delta R.T. 0.206 min

Lab File: BF127476.D

Acq: 23 Mar 2022 13:07

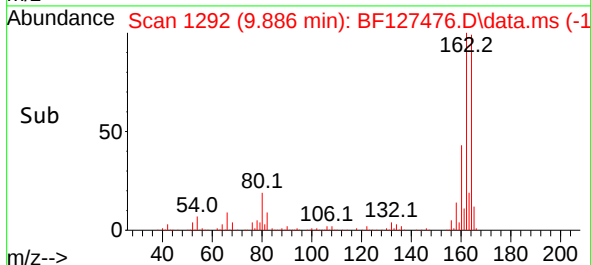
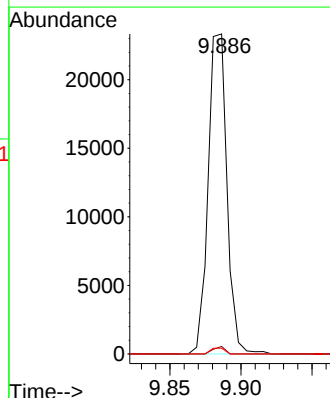
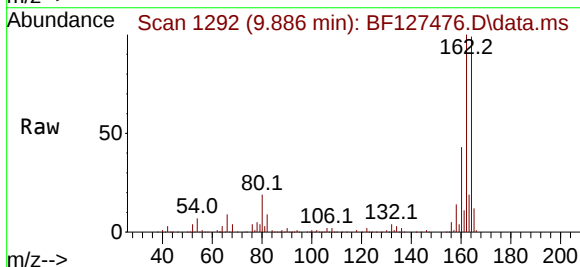
Tgt Ion:165 Resp: 21464

Ion Ratio Lower Upper

165 100

63 2.4 58.3 87.5#

89 1.8 51.5 77.3#

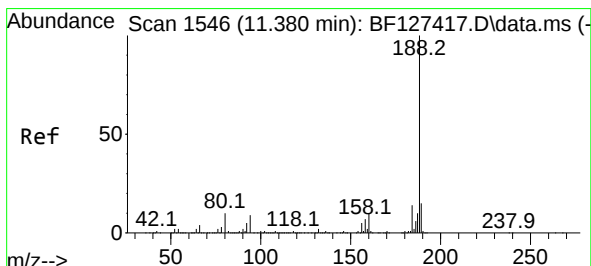
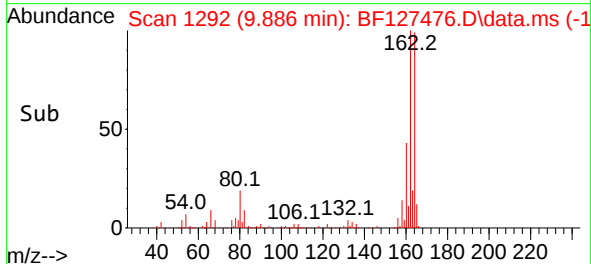
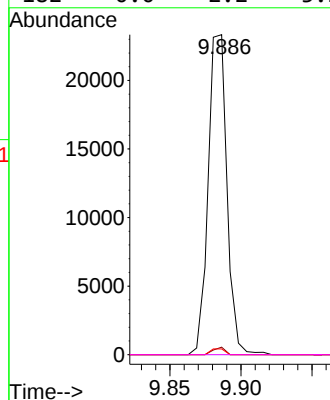
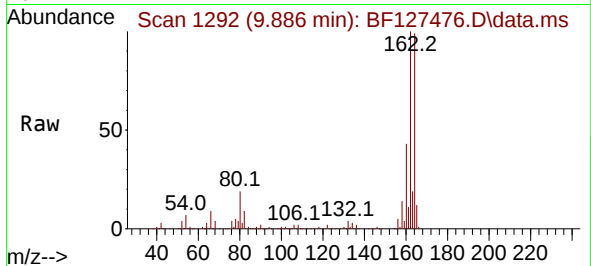




#57
2,4-Dinitrotoluene
Concen: 6.693 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127476.D
Acq: 23 Mar 2022 13:07

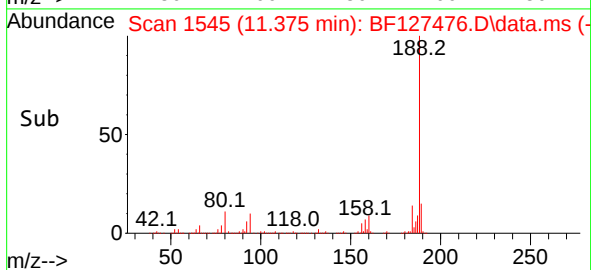
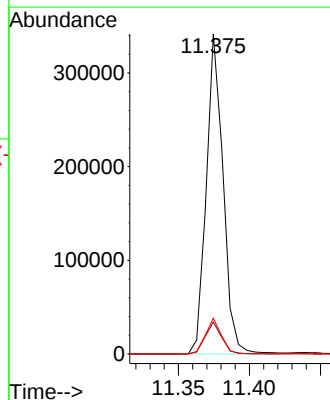
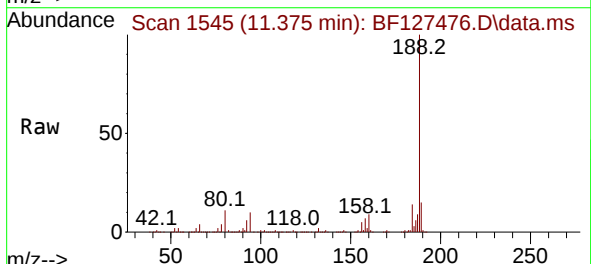
Instrument :
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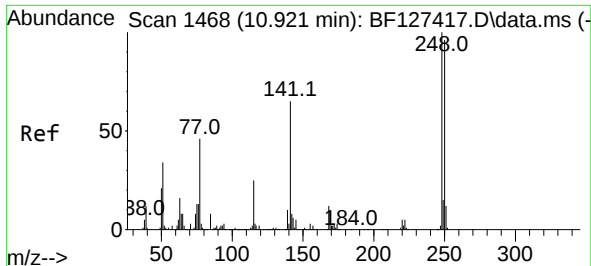
Tgt Ion:165 Resp: 21464
Ion Ratio Lower Upper
165 100
63 2.4 53.1 79.7#
89 1.8 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.005 min
Lab File: BF127476.D
Acq: 23 Mar 2022 13:07

Tgt Ion:188 Resp: 280918
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.0
80 11.2 8.0 12.0

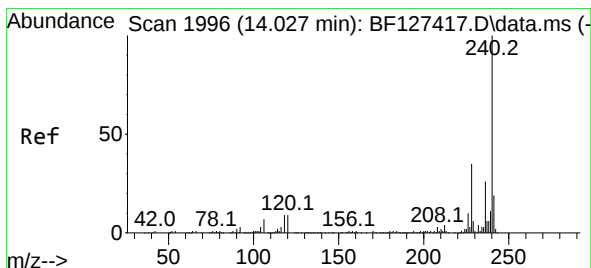
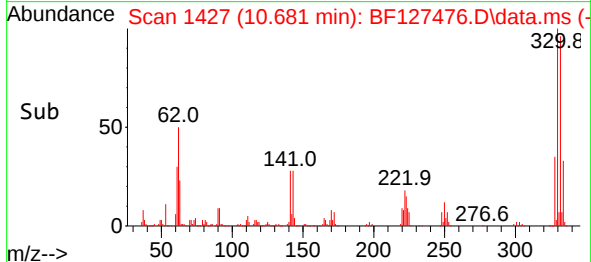
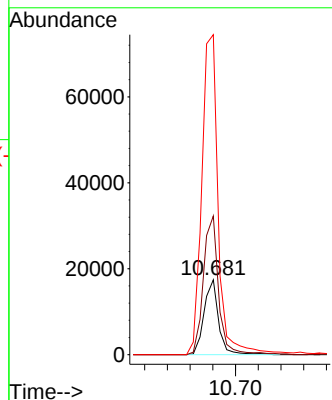
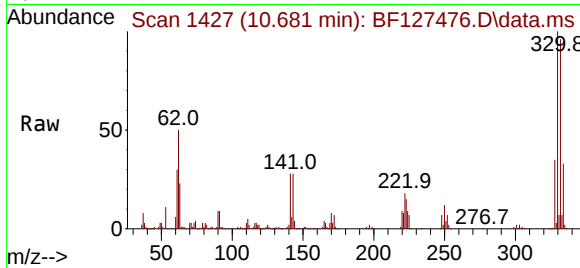




#67
4-Bromophenyl-phenylether
Concen: 4.716 ng
RT: 10.681 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127476.D
Acq: 23 Mar 2022 13:07

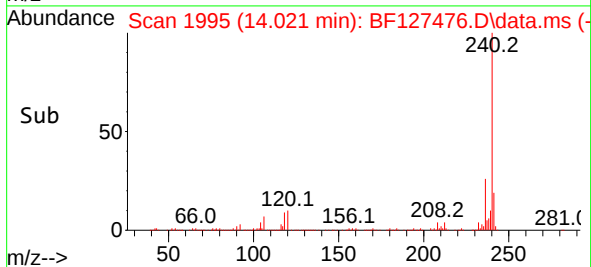
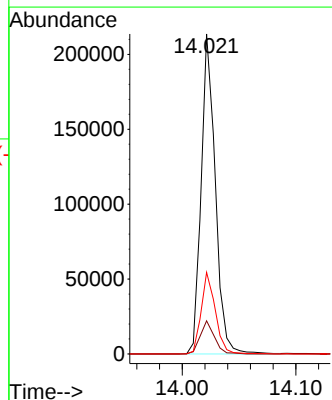
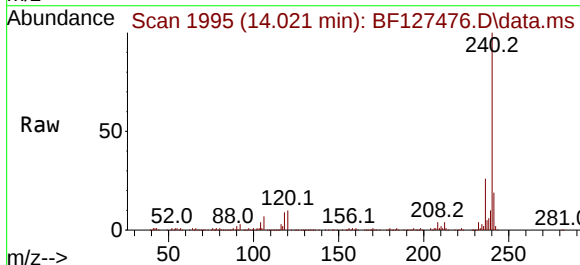
Instrument :
BNA_F
ClientSampleId :
MW-1

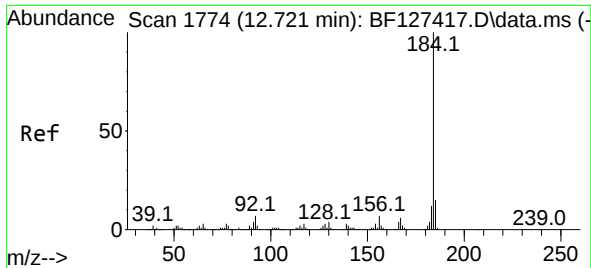
Tgt Ion:248 Resp: 15466
Ion Ratio Lower Upper
248 100
250 185.2 76.6 115.0#
141 427.4 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127476.D
Acq: 23 Mar 2022 13:07

Tgt Ion:240 Resp: 184333
Ion Ratio Lower Upper
240 100
120 10.4 7.1 10.7
236 25.5 20.7 31.1

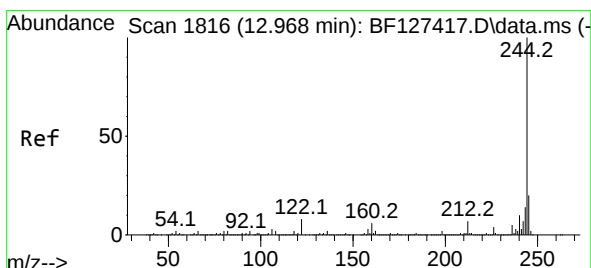
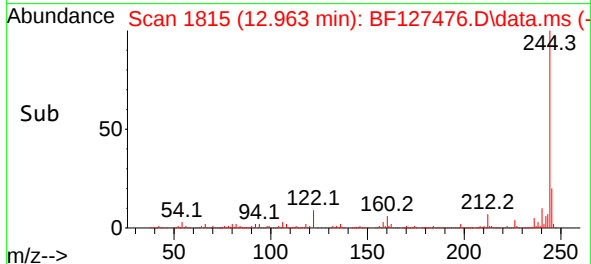
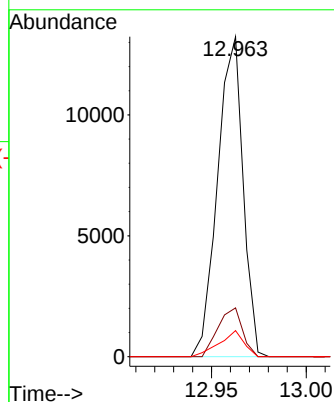
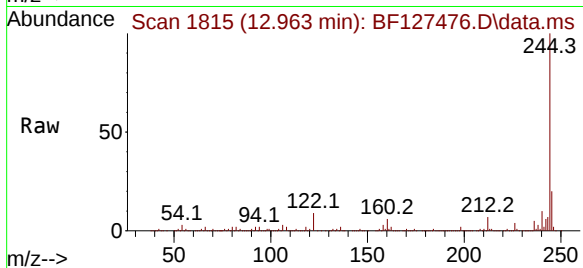




#77
Benzidine
Concen: 2.810 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127476.D
Acq: 23 Mar 2022 13:07

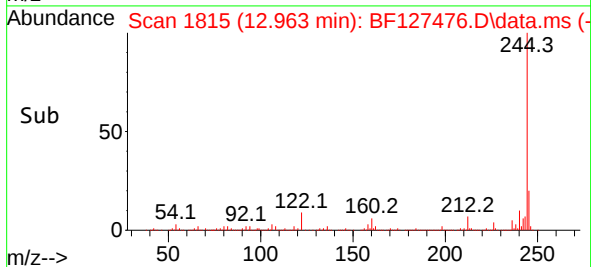
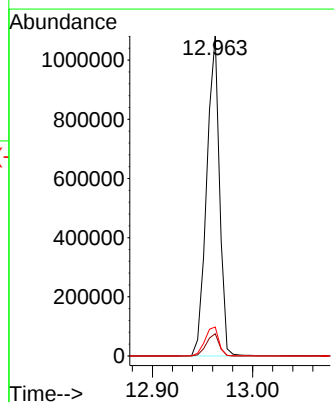
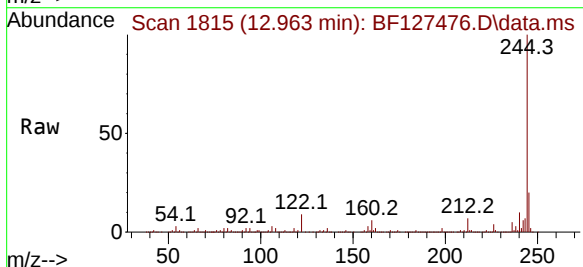
Instrument :
BNA_F
ClientSampleId :
MW-1

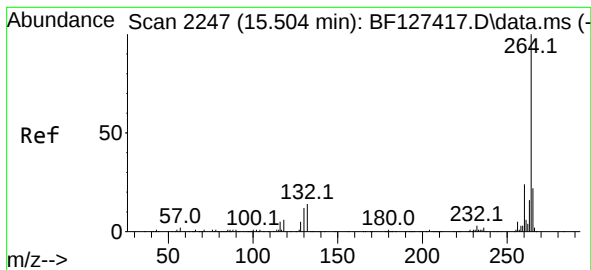
Tgt Ion:184 Resp: 12352
Ion Ratio Lower Upper
184 100
185 15.2 12.2 18.2
183 8.1 9.4 14.0#



#79
Terphenyl-d14
Concen: 85.791 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127476.D
Acq: 23 Mar 2022 13:07

Tgt Ion:244 Resp: 966035
Ion Ratio Lower Upper
244 100
212 6.9 5.7 8.5
122 9.0 6.2 9.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.504 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF127476.D

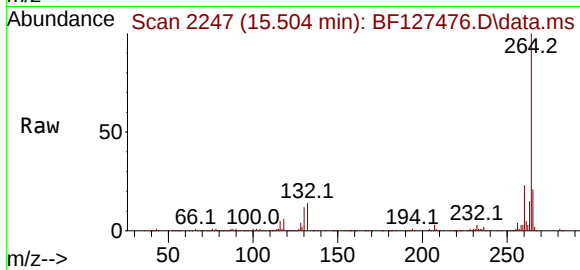
Acq: 23 Mar 2022 13:07

Instrument :

BNA_F

ClientSampleId :

MW-1



Tgt Ion:264 Resp: 195739

Ion Ratio Lower Upper

264 100

260 23.2 19.1 28.7

265 21.1 17.4 26.2

