

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032322\
 Data File : BF127481.D
 Acq On : 23 Mar 2022 15:31
 Operator : CG\JU
 Sample : N2063-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-5-(10-10.5)

Quant Time: Mar 24 02:12:15 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)

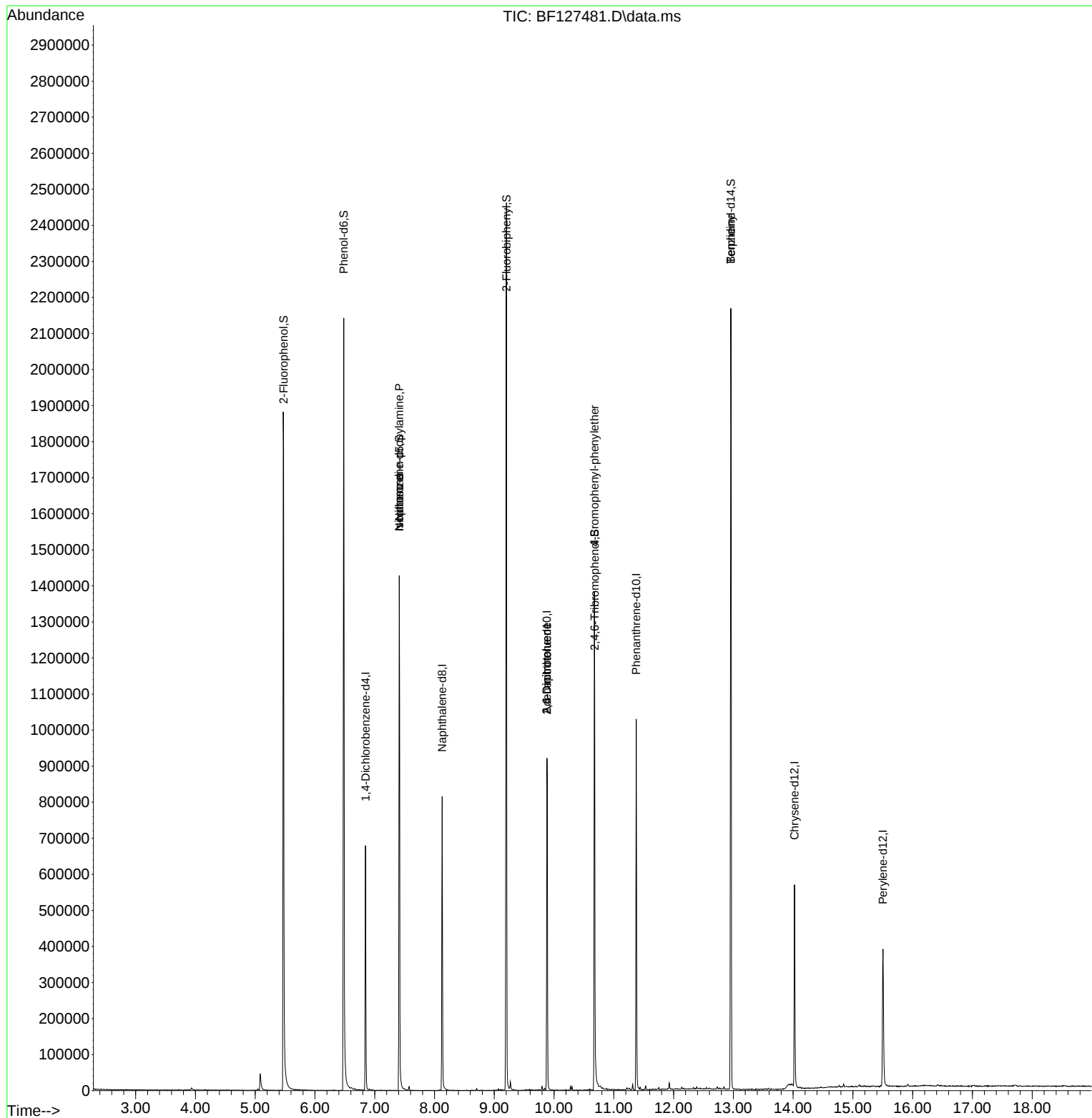
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	88188	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	328100	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	189623	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	340374	20.000	ng	0.00
76) Chrysene-d12	14.022	240	193034	20.000	ng	0.00
86) Perylene-d12	15.504	264	188550	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	497854	90.113	ng	0.00
7) Phenol-d6	6.481	99	685369	90.754	ng	0.00
23) Nitrobenzene-d5	7.410	82	452612	58.968	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	161405	79.905	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	770465	59.331	ng	0.00
79) Terphenyl-d14	12.957	244	766432	64.997	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	1164	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.410	70	61257	13.532	ng	# 81
25) Isophorone	7.410	82	452609	37.023	ng	# 70
51) 2,6-Dinitrotoluene	9.881	165	24391	8.808	ng	# 17
57) 2,4-Dinitrotoluene	9.881	165	24391	6.843	ng	# 14
58) Fluorene	10.675	166	6130	Below Cal	#	77
67) 4-Bromophenyl-phenylether	10.675	248	10721	2.698	ng	# 1
77) Benzidine	12.957	184	9703	2.108	ng	# 92

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

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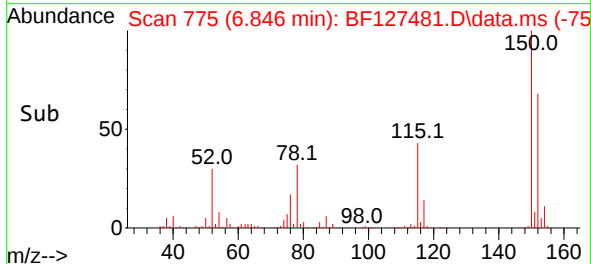
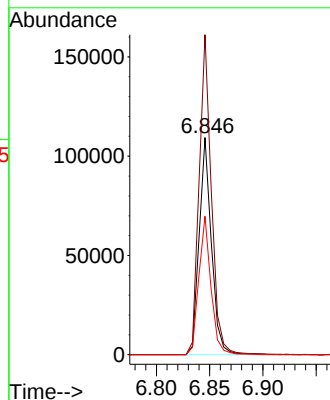
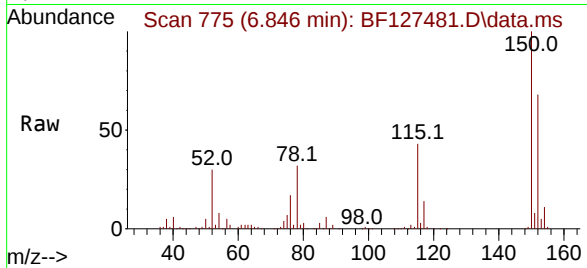




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF127481.D
Acq: 23 Mar 2022 15:31

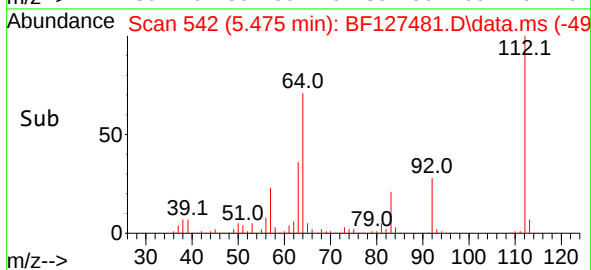
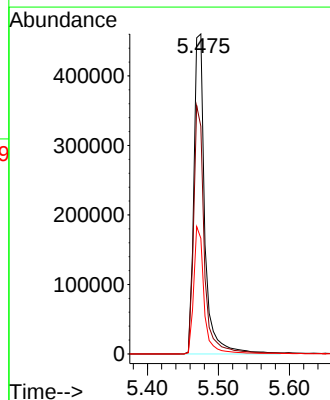
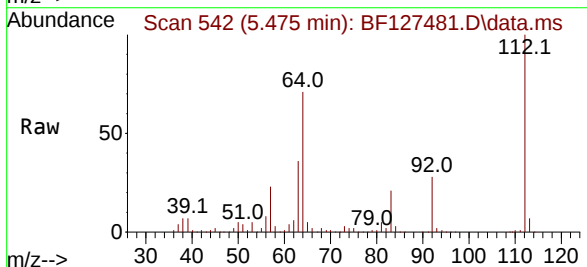
Instrument :
BNA_F
ClientSampleId :
WC-5-(10-10.5)

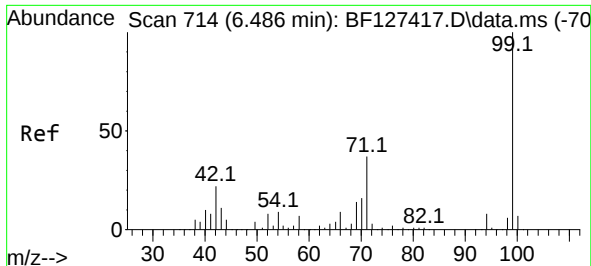
Tgt Ion:152 Resp: 88188
Ion Ratio Lower Upper
152 100
150 147.4 117.2 175.8
115 63.8 49.8 74.6



#5
2-Fluorophenol
Concen: 90.113 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF127481.D
Acq: 23 Mar 2022 15:31

Tgt Ion:112 Resp: 497854
Ion Ratio Lower Upper
112 100
64 71.2 58.4 87.6
63 36.1 30.1 45.1





#7

Phenol-d6

Concen: 90.754 ng

RT: 6.481 min Scan# 713

Delta R.T. -0.006 min

Lab File: BF127481.D

Acq: 23 Mar 2022 15:31

Instrument :

BNA_F

ClientSampleId :

WC-5-(10-10.5)

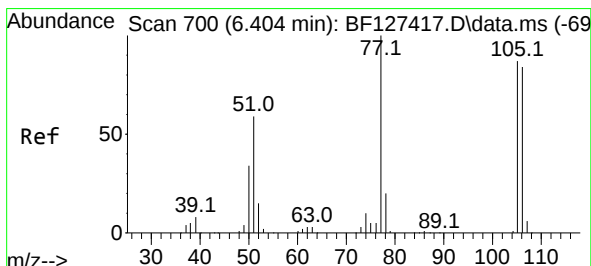
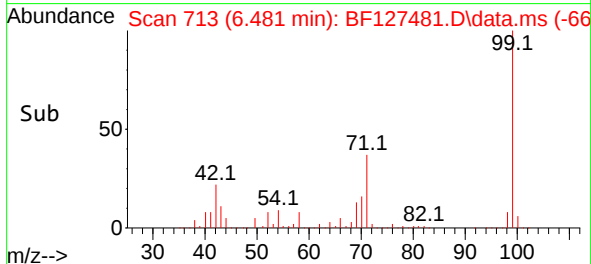
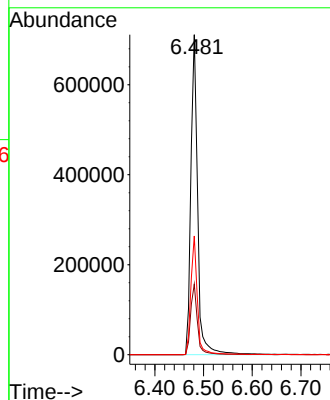
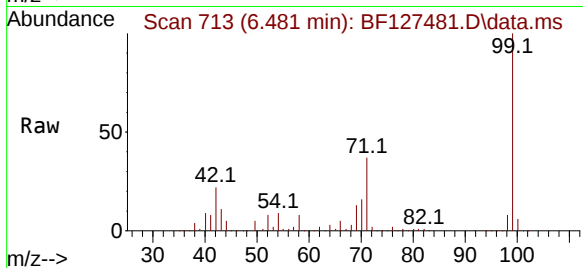
Tgt Ion: 99 Resp: 685369

Ion Ratio Lower Upper

99 100

42 22.1 17.8 26.6

71 37.1 29.6 44.4



#9

Benzaldehyde

Concen: Below Cal

RT: 6.481 min Scan# 713

Delta R.T. 0.077 min

Lab File: BF127481.D

Acq: 23 Mar 2022 15:31

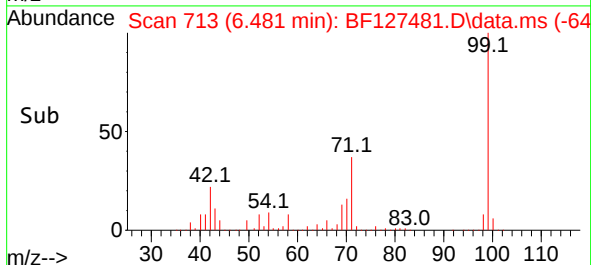
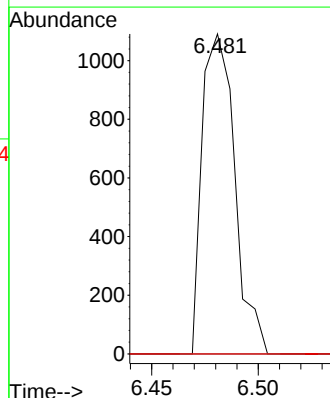
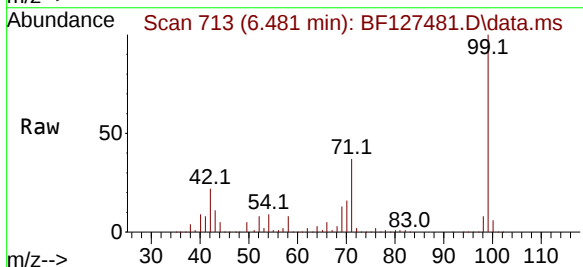
Tgt Ion: 77 Resp: 1164

Ion Ratio Lower Upper

77 100

105 0.0 66.8 106.8#

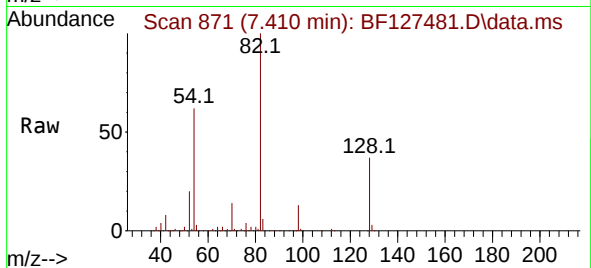
106 0.0 64.3 104.3#



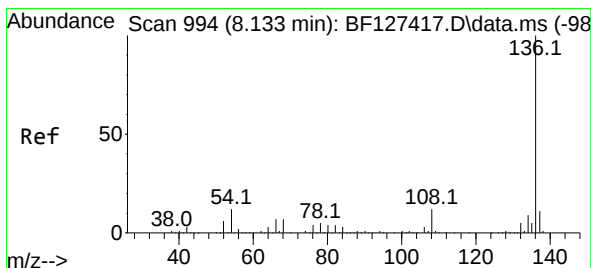
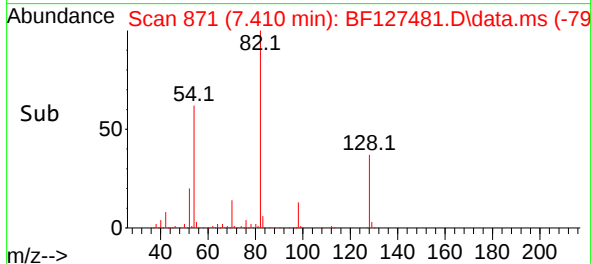
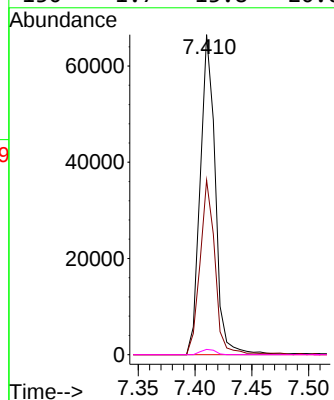


#19
n-Nitroso-di-n-propylamine
Concen: 13.532 ng
RT: 7.410 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF127481.D
Acq: 23 Mar 2022 15:31

Instrument :
BNA_F
ClientSampleId :
WC-5-(10-10.5)

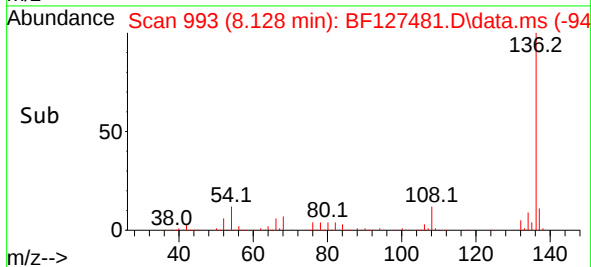
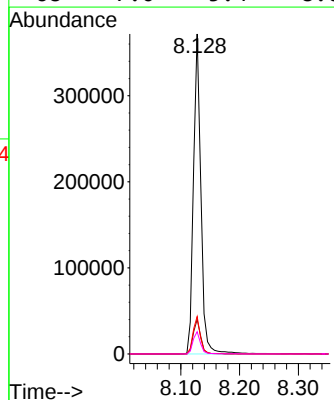
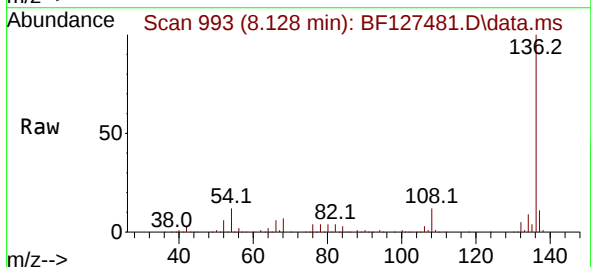


Tgt Ion: 70 Resp: 61257
Ion Ratio Lower Upper
70 100
42 54.6 53.0 79.6
101 0.0 6.8 10.2#
130 1.7 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127481.D
Acq: 23 Mar 2022 15:31

Tgt Ion:136 Resp: 328100
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 11.7 9.2 13.8
68 7.0 5.4 8.0

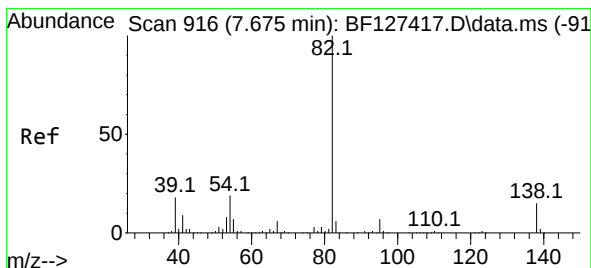
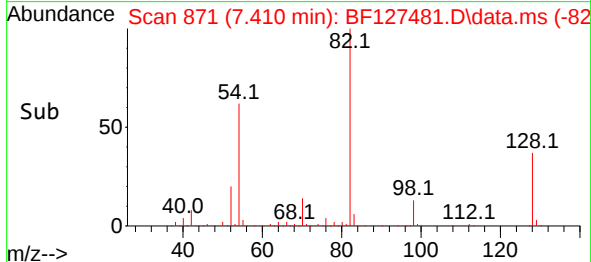
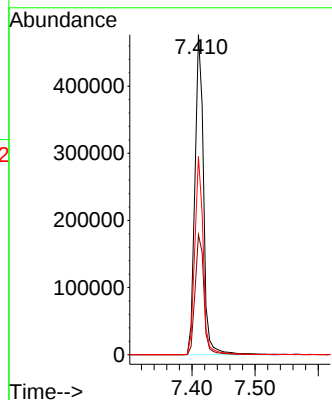
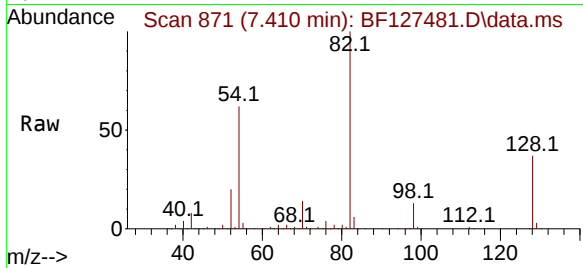




#23
Nitrobenzene-d5
Concen: 58.968 ng
RT: 7.410 min Scan# 81
Delta R.T. -0.011 min
Lab File: BF127481.D
Acq: 23 Mar 2022 15:31

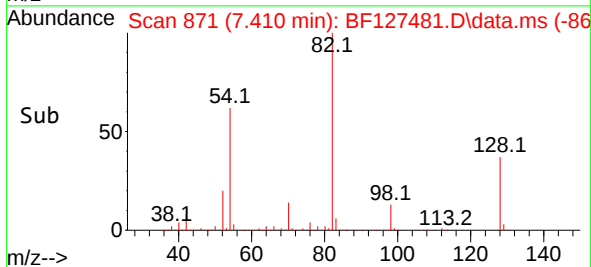
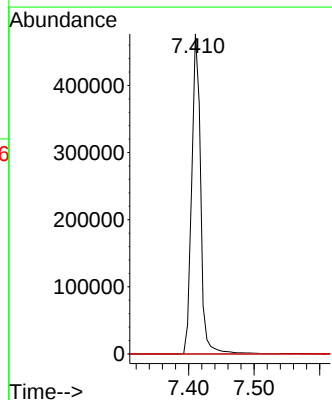
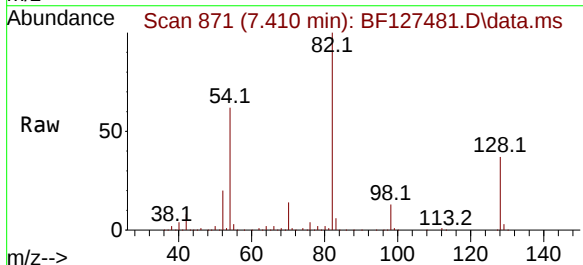
Instrument :
BNA_F
ClientSampleId :
WC-5-(10-10.5)

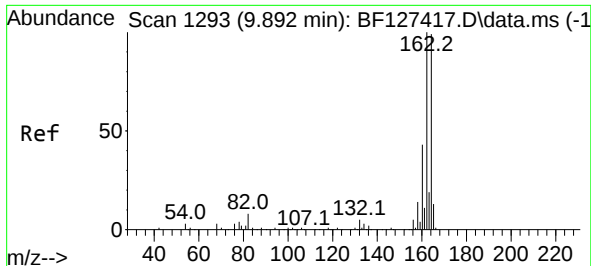
Tgt Ion: 82 Resp: 452612
Ion Ratio Lower Upper
82 100
128 37.5 30.6 45.8
54 61.9 48.2 72.2



#25
Isophorone
Concen: 37.023 ng
RT: 7.410 min Scan# 871
Delta R.T. -0.264 min
Lab File: BF127481.D
Acq: 23 Mar 2022 15:31

Tgt Ion: 82 Resp: 452609
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: 9.881 min Scan# 1291

Delta R.T. -0.011 min

Lab File: BF127481.D

Acq: 23 Mar 2022 15:31

Instrument :

BNA_F

ClientSampleId :

WC-5-(10-10.5)

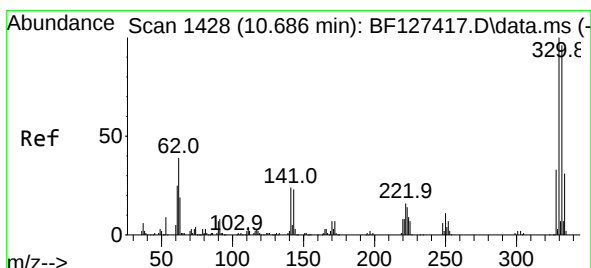
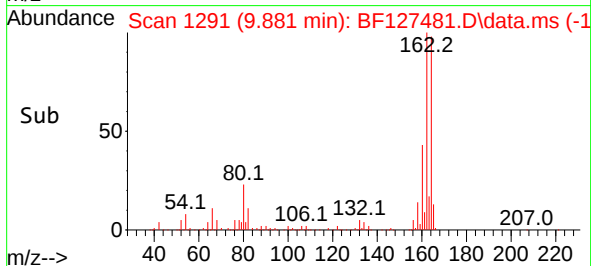
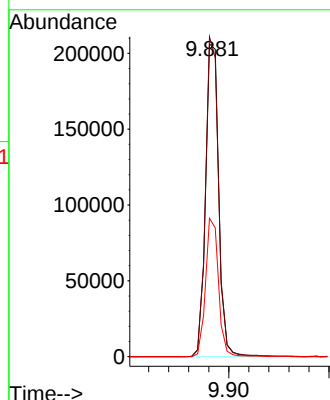
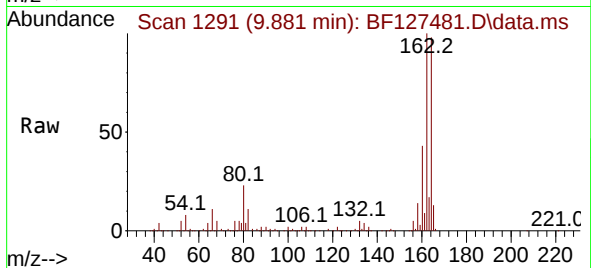
Tgt Ion:164 Resp: 189623

Ion Ratio Lower Upper

164 100

162 102.3 81.2 121.8

160 44.3 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 79.905 ng

RT: 10.681 min Scan# 1427

Delta R.T. -0.006 min

Lab File: BF127481.D

Acq: 23 Mar 2022 15:31

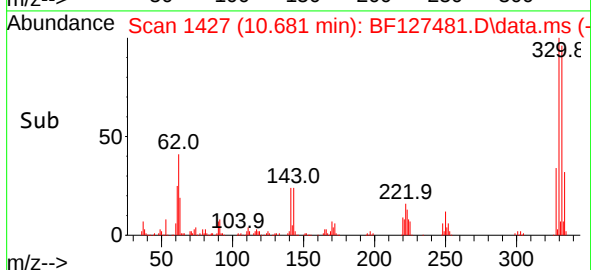
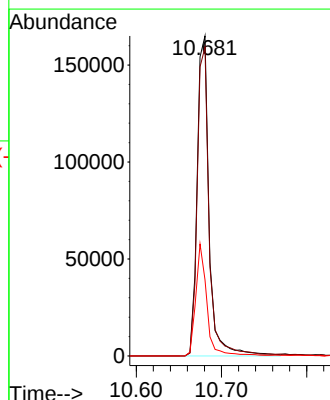
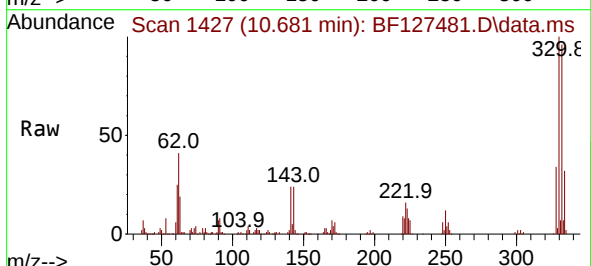
Tgt Ion:330 Resp: 161405

Ion Ratio Lower Upper

330 100

332 95.5 79.1 118.7

141 32.8 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 59.331 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127481.D

Acq: 23 Mar 2022 15:31

Instrument :

BNA_F

ClientSampleId :

WC-5-(10-10.5)

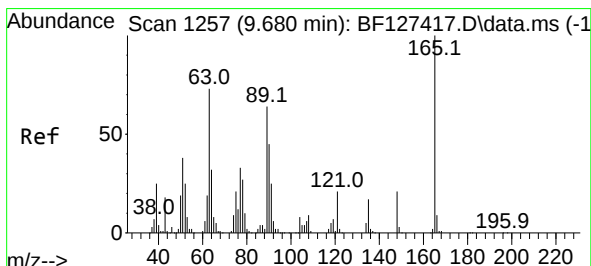
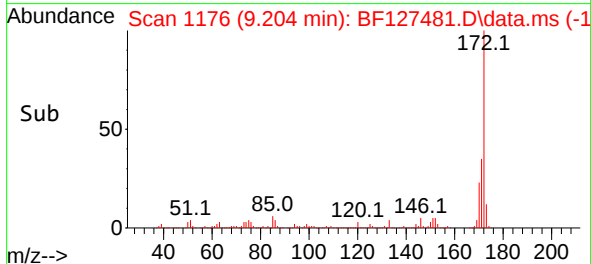
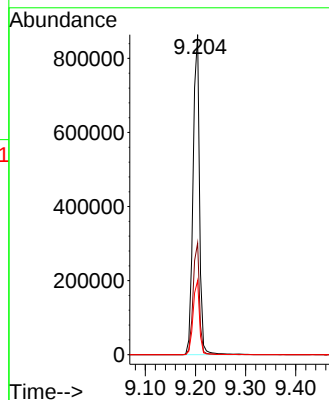
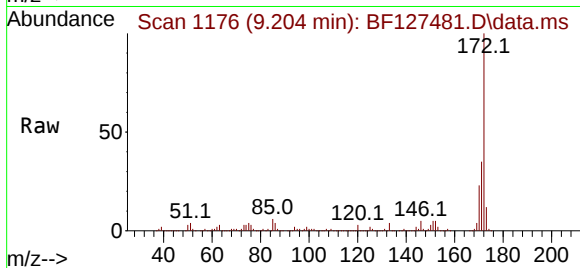
Tgt Ion:172 Resp: 770465

Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.1 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 8.808 ng

RT: 9.881 min Scan# 1291

Delta R.T. 0.200 min

Lab File: BF127481.D

Acq: 23 Mar 2022 15:31

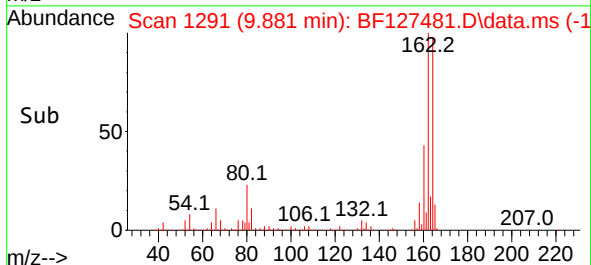
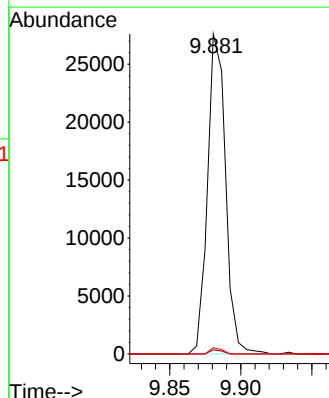
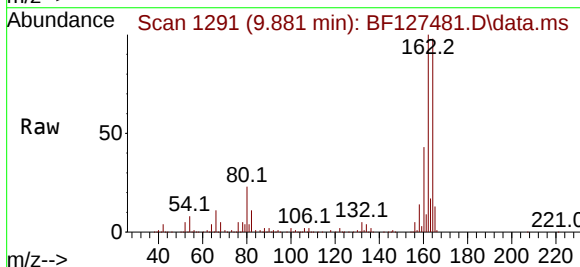
Tgt Ion:165 Resp: 24391

Ion Ratio Lower Upper

165 100

63 1.3 58.3 87.5#

89 1.9 51.5 77.3#

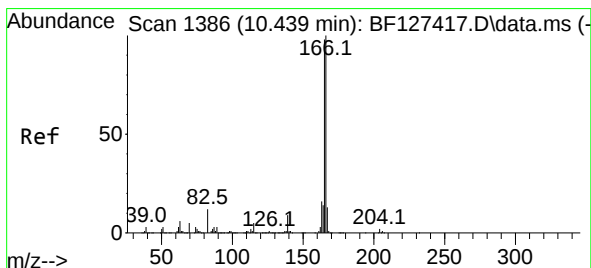
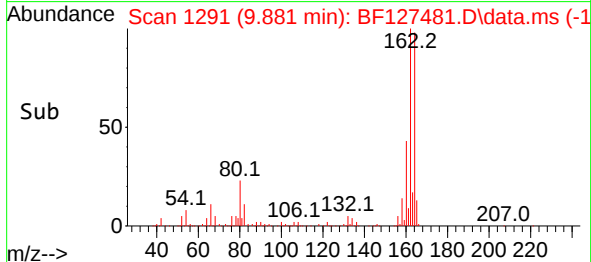
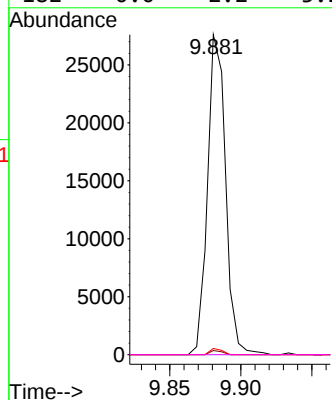
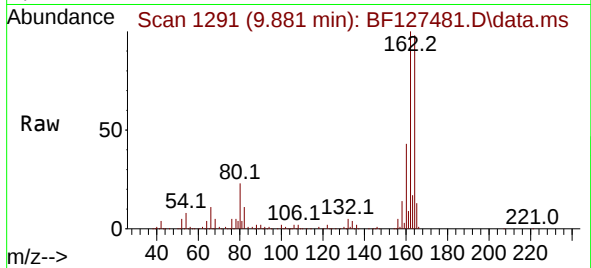




#57
2,4-Dinitrotoluene
Concen: 6.843 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.205 min
Lab File: BF127481.D
Acq: 23 Mar 2022 15:31

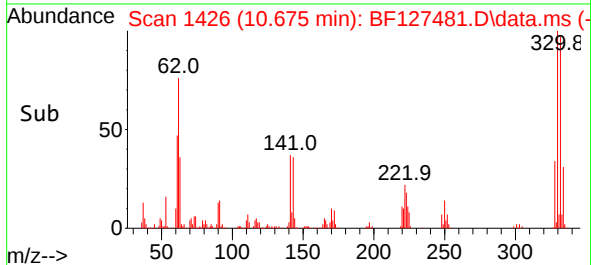
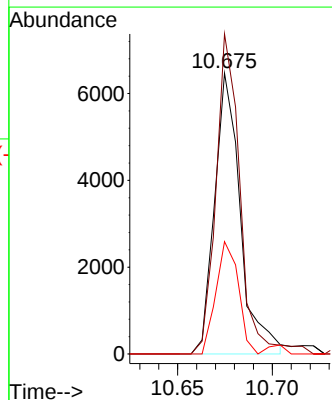
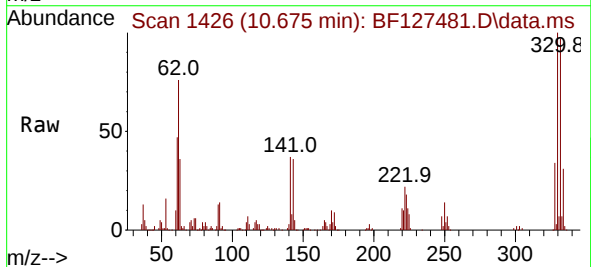
Instrument :
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WC-5-(10-10.5)

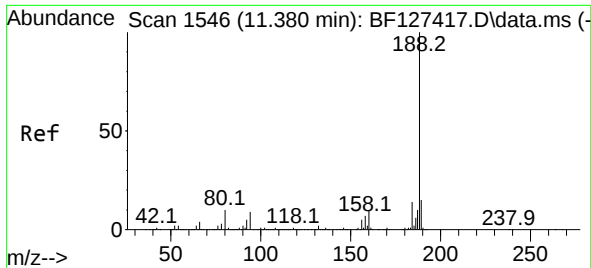
Tgt Ion:165 Resp: 24391
Ion Ratio Lower Upper
165 100
63 1.3 53.1 79.7#
89 1.9 69.2 103.8#
182 0.0 2.2 3.2#



#58
Fluorene
Concen: Below Cal
RT: 10.675 min Scan# 1426
Delta R.T. 0.236 min
Lab File: BF127481.D
Acq: 23 Mar 2022 15:31

Tgt Ion:166 Resp: 6130
Ion Ratio Lower Upper
166 100
165 114.0 78.1 117.1
167 40.0 10.5 15.7#

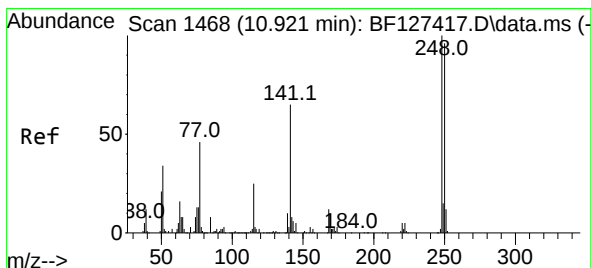
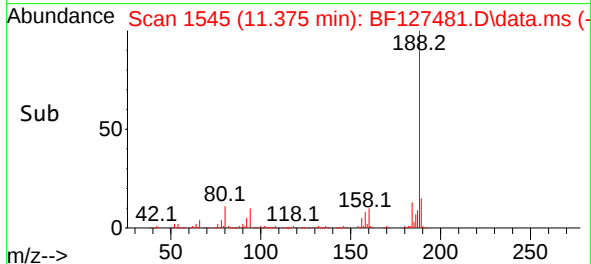
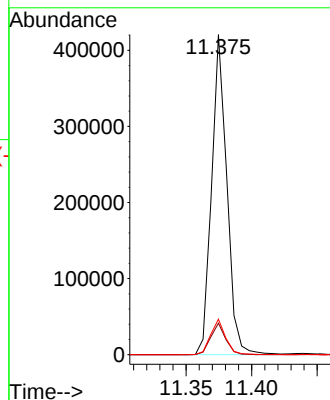
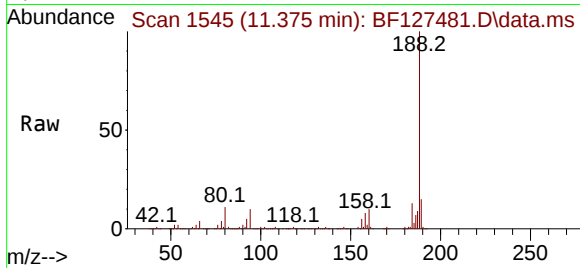




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.005 min
Lab File: BF127481.D
Acq: 23 Mar 2022 15:31

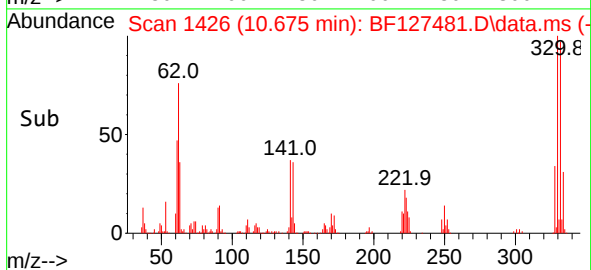
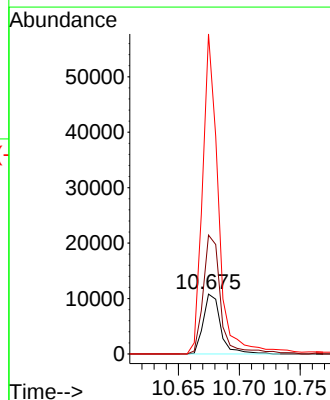
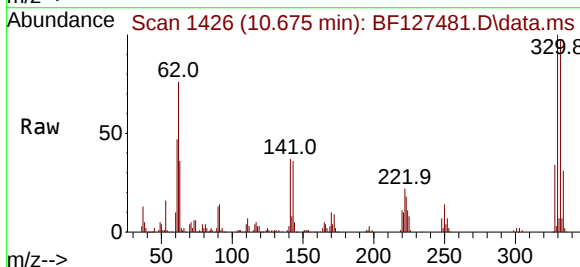
Instrument :
BNA_F
ClientSampleId :
WC-5-(10-10.5)

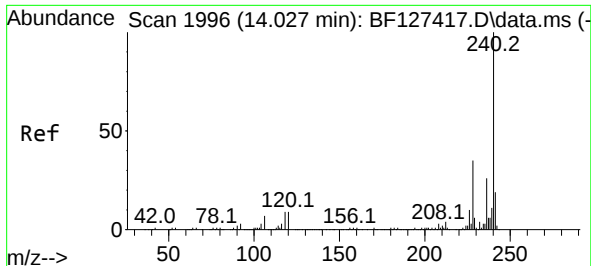
Tgt Ion:188 Resp: 340374
Ion Ratio Lower Upper
188 100
94 9.8 7.4 11.0
80 11.1 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 2.698 ng
RT: 10.675 min Scan# 1426
Delta R.T. -0.247 min
Lab File: BF127481.D
Acq: 23 Mar 2022 15:31

Tgt Ion:248 Resp: 10721
Ion Ratio Lower Upper
248 100
250 198.8 76.6 115.0#
141 534.9 52.2 78.2#

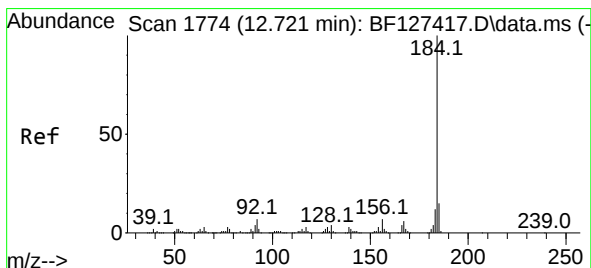
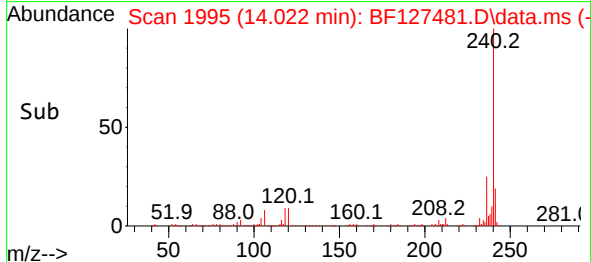
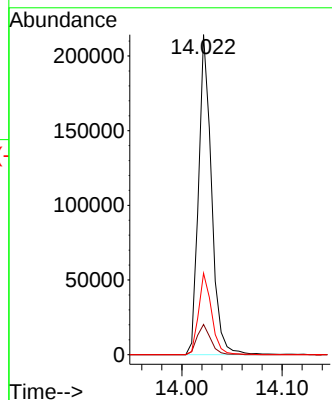
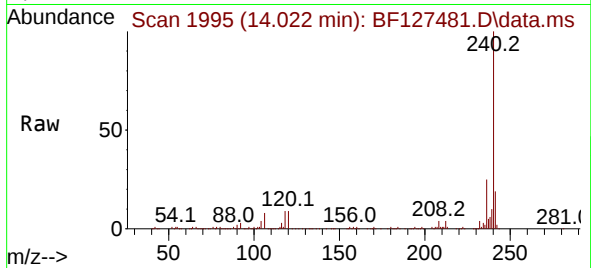




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.022 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF127481.D
Acq: 23 Mar 2022 15:31

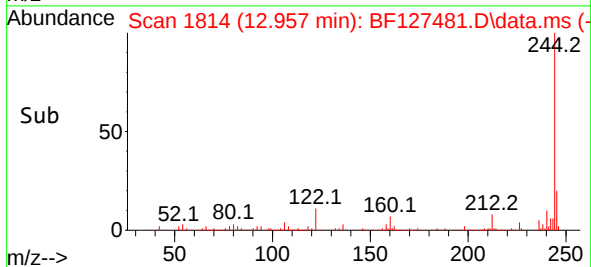
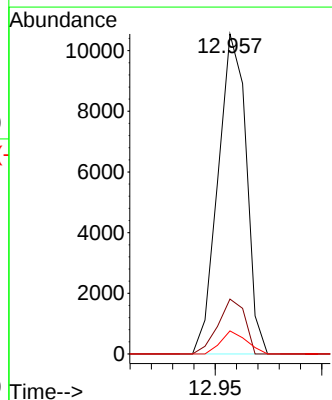
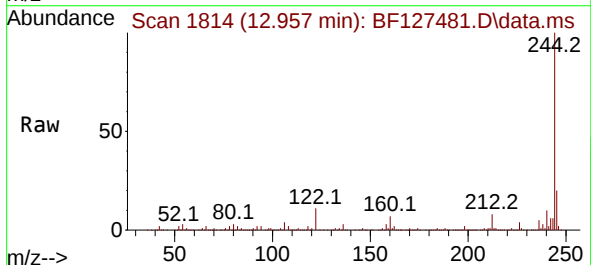
Instrument :
BNA_F
ClientSampleId :
WC-5-(10-10.5)

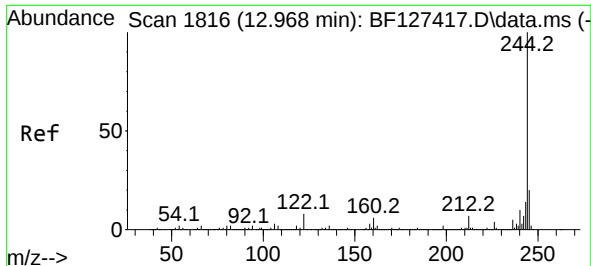
Tgt Ion:240 Resp: 193034
Ion Ratio Lower Upper
240 100
120 9.4 7.1 10.7
236 25.5 20.7 31.1



#77
Benzidine
Concen: 2.108 ng
RT: 12.957 min Scan# 1814
Delta R.T. 0.236 min
Lab File: BF127481.D
Acq: 23 Mar 2022 15:31

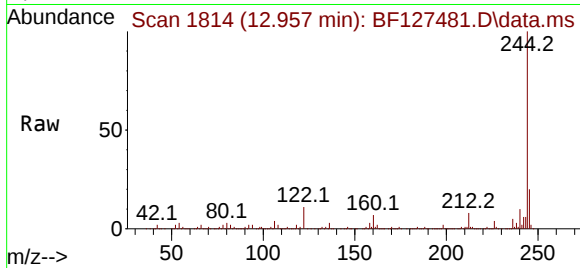
Tgt Ion:184 Resp: 9703
Ion Ratio Lower Upper
184 100
185 17.2 12.2 18.2
183 7.2 9.4 14.0#



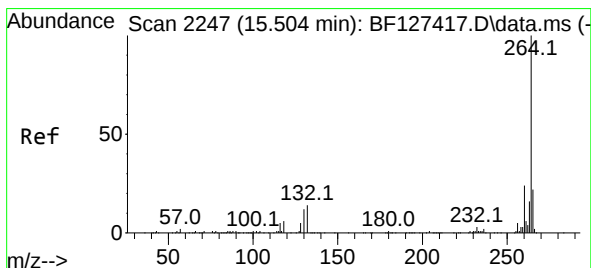
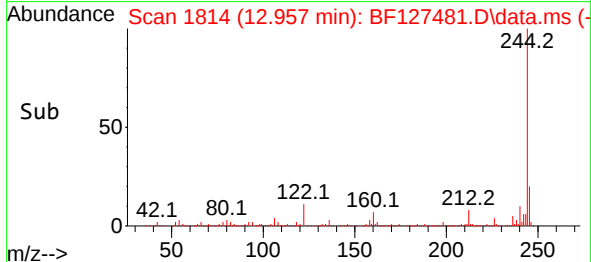
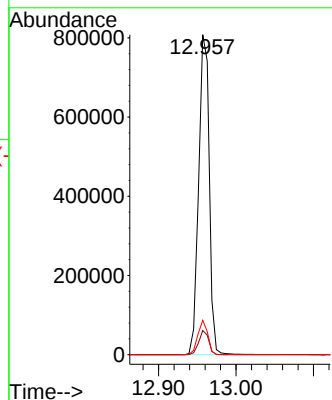


#79
 Terphenyl-d14
 Concen: 64.997 ng
 RT: 12.957 min Scan# 1814
 Delta R.T. -0.011 min
 Lab File: BF127481.D
 Acq: 23 Mar 2022 15:31

Instrument :
 BNA_F
 ClientSampleId :
 WC-5-(10-10.5)



Tgt Ion:244 Resp: 766432
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 10.7 6.2 9.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2247
 Delta R.T. 0.000 min
 Lab File: BF127481.D
 Acq: 23 Mar 2022 15:31

Tgt Ion:264 Resp: 188550
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.1 28.7
 265 21.0 17.4 26.2

