

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032322\
 Data File : BF127482.D
 Acq On : 23 Mar 2022 15:59
 Operator : CG\JU
 Sample : N2063-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-7-1-(10-10.5)

Quant Time: Mar 24 02:12:21 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)

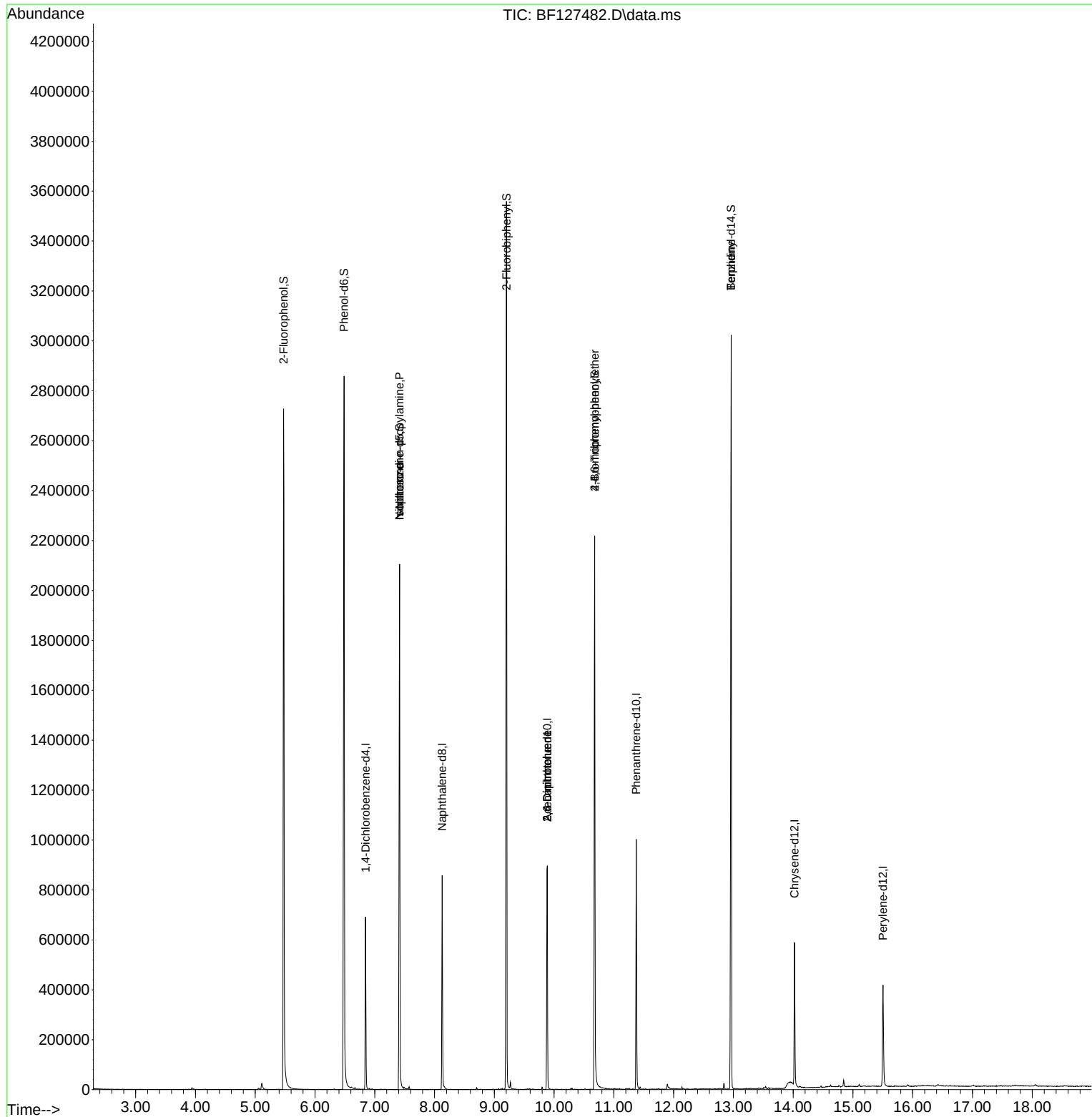
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	89946	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	331313	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	189993	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	338611	20.000	ng	0.00
76) Chrysene-d12	14.021	240	188767	20.000	ng	0.00
86) Perylene-d12	15.504	264	186935	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	713022	126.536	ng	0.00
7) Phenol-d6	6.486	99	989840	128.509	ng	0.00
23) Nitrobenzene-d5	7.416	82	681068	87.871	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	259508	128.221	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1090762	83.833	ng	0.00
79) Terphenyl-d14	12.963	244	1039778	90.171	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.486	77	1354	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.416	70	91130	19.738	ng	# 81
25) Isophorone	7.416	82	681062	55.170	ng	# 70
51) 2,6-Dinitrotoluene	9.886	165	24086	8.681	ng	# 17
57) 2,4-Dinitrotoluene	9.886	165	24086	6.744	ng	# 14
58) Fluorene	10.680	166	9667	Below Cal	#	87
67) 4-Bromophenyl-phenylether	10.680	248	16696	4.223	ng	# 1
77) Benzidine	12.963	184	13521	3.004	ng	# 96

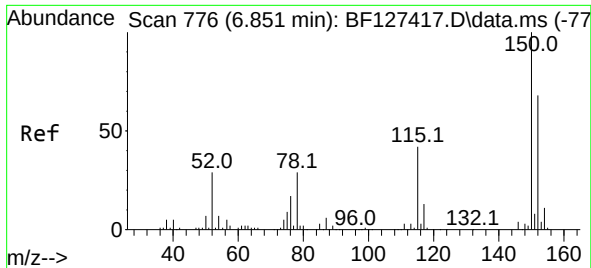
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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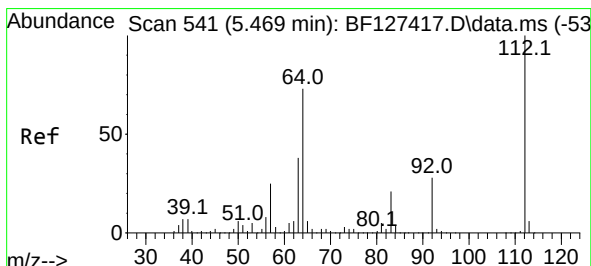
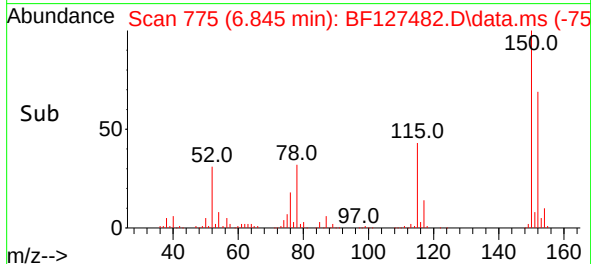
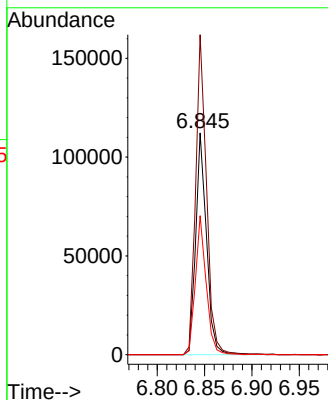
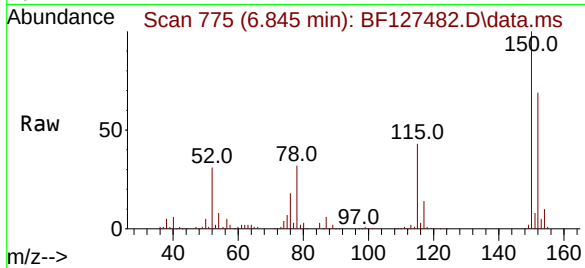




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127482.D
Acq: 23 Mar 2022 15:59

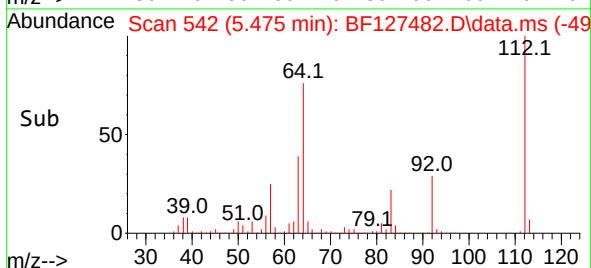
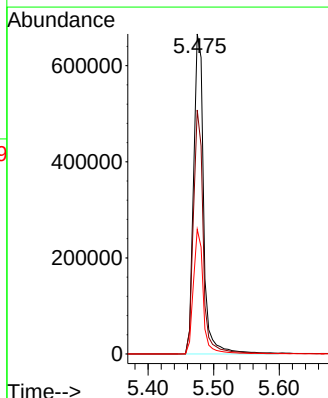
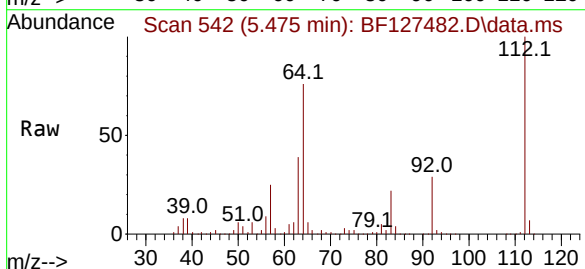
Instrument :
BNA_F
ClientSampleId :
WC-7-1-(10-10.5)

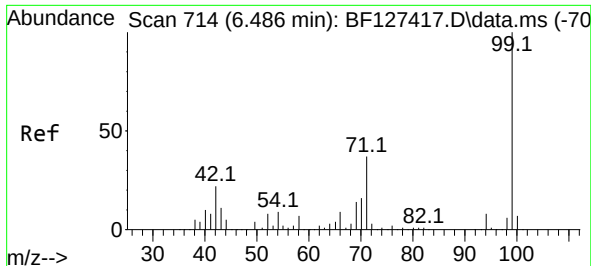
Tgt Ion:152 Resp: 89946
Ion Ratio Lower Upper
152 100
150 144.3 117.2 175.8
115 62.7 49.8 74.6



#5
2-Fluorophenol
Concen: 126.536 ng
RT: 5.475 min Scan# 542
Delta R.T. 0.006 min
Lab File: BF127482.D
Acq: 23 Mar 2022 15:59

Tgt Ion:112 Resp: 713022
Ion Ratio Lower Upper
112 100
64 76.2 58.4 87.6
63 38.9 30.1 45.1

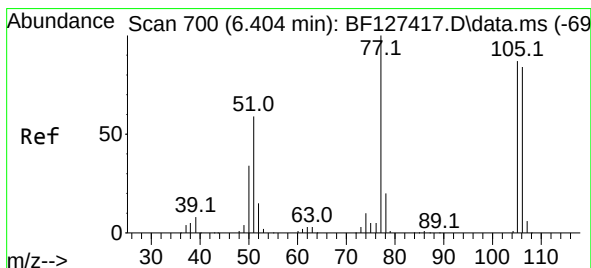
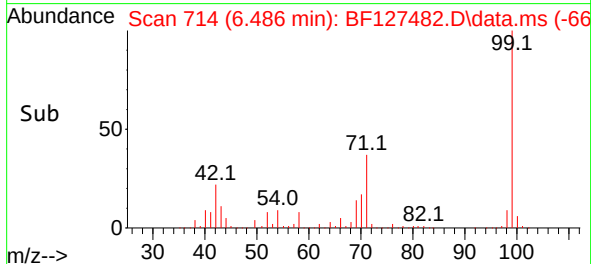
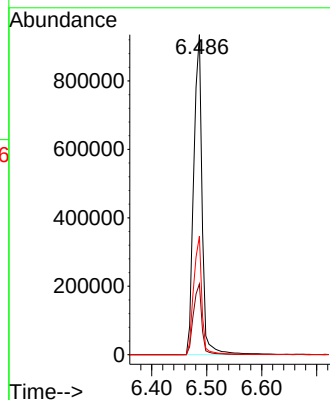
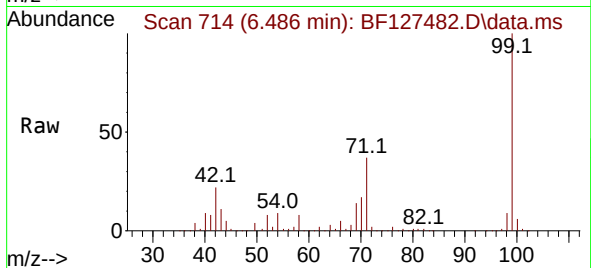




#7
Phenol-d6
Concen: 128.509 ng
RT: 6.486 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127482.D
Acq: 23 Mar 2022 15:59

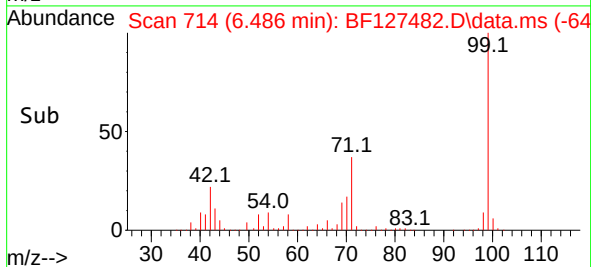
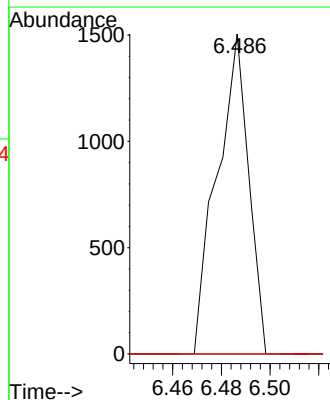
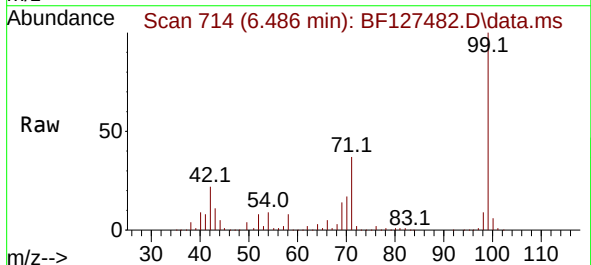
Instrument :
BNA_F
ClientSampleId :
WC-7-1-(10-10.5)

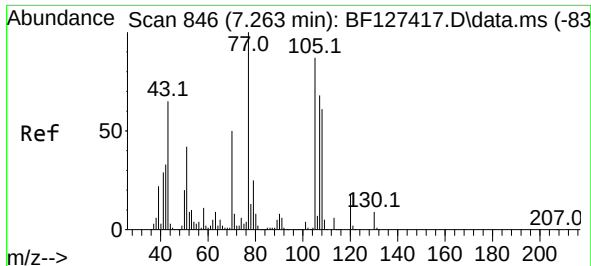
Tgt Ion: 99 Resp: 989840
Ion Ratio Lower Upper
99 100
42 22.1 17.8 26.6
71 37.0 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.486 min Scan# 714
Delta R.T. 0.082 min
Lab File: BF127482.D
Acq: 23 Mar 2022 15:59

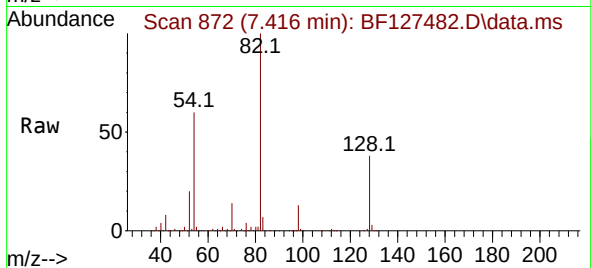
Tgt Ion: 77 Resp: 1354
Ion Ratio Lower Upper
77 100
105 0.0 66.8 106.8#
106 0.0 64.3 104.3#



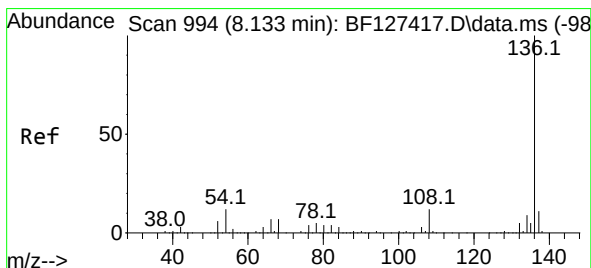
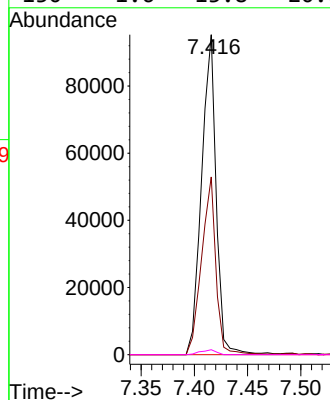
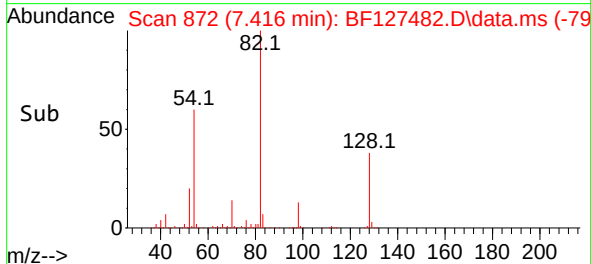


#19
n-Nitroso-di-n-propylamine
Concen: 19.738 ng
RT: 7.416 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127482.D
Acq: 23 Mar 2022 15:59

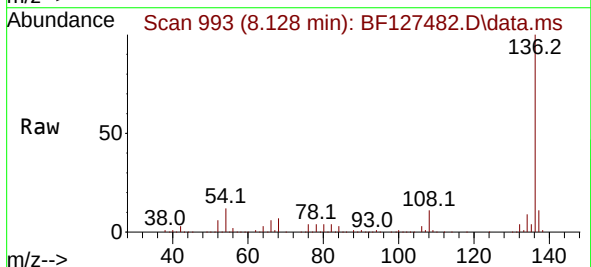
Instrument :
BNA_F
ClientSampleId :
WC-7-1-(10-10.5)



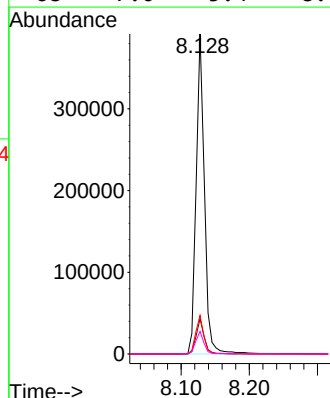
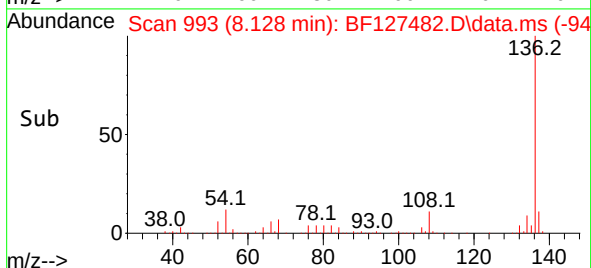
Tgt Ion: 70 Resp: 91130
Ion Ratio Lower Upper
70 100
42 55.6 53.0 79.6
101 0.0 6.8 10.2#
130 1.6 13.8 20.6#

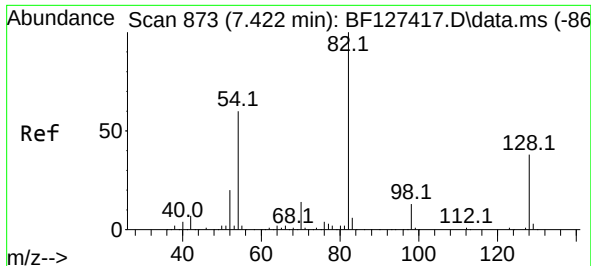


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127482.D
Acq: 23 Mar 2022 15:59



Tgt Ion: 136 Resp: 331313
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 12.1 9.2 13.8
68 7.0 5.4 8.0





#23

Nitrobenzene-d5

Concen: 87.871 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127482.D

Acq: 23 Mar 2022 15:59

Instrument :

BNA_F

ClientSampleId :

WC-7-1-(10-10.5)

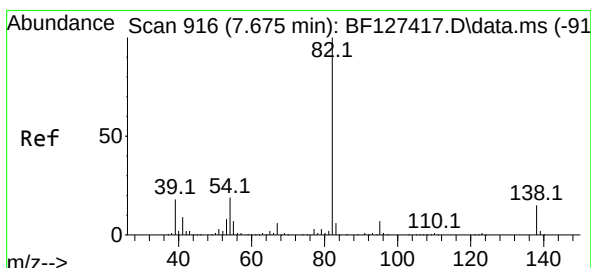
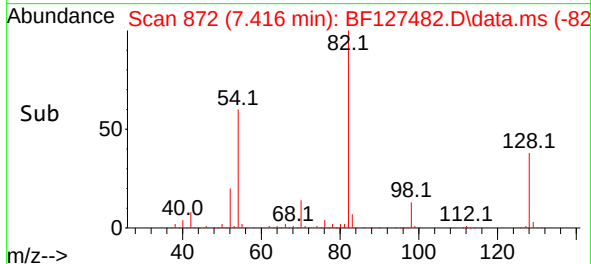
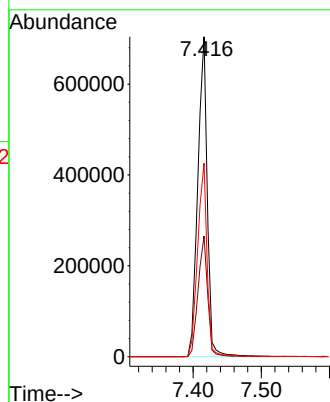
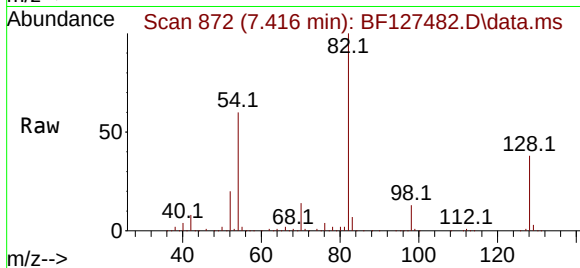
Tgt Ion: 82 Resp: 681068

Ion Ratio Lower Upper

82 100

128 37.7 30.6 45.8

54 60.5 48.2 72.2



#25

Isophorone

Concen: 55.170 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127482.D

Acq: 23 Mar 2022 15:59

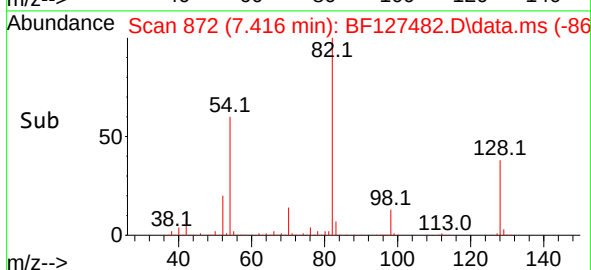
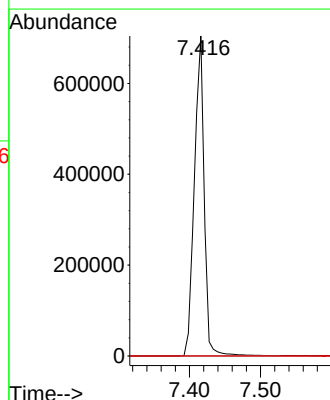
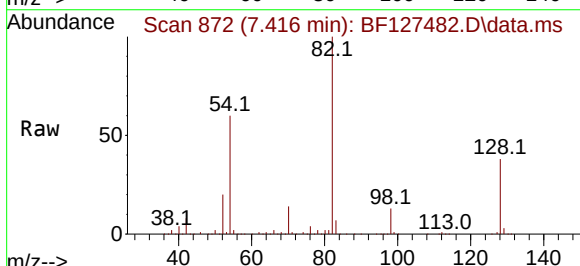
Tgt Ion: 82 Resp: 681062

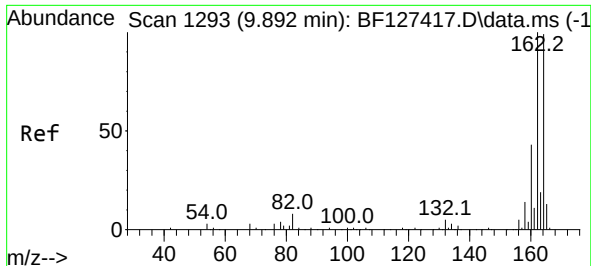
Ion Ratio Lower Upper

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: BF127482.D

Acq: 23 Mar 2022 15:59

Instrument :

BNA_F

ClientSampleId :

WC-7-1-(10-10.5)

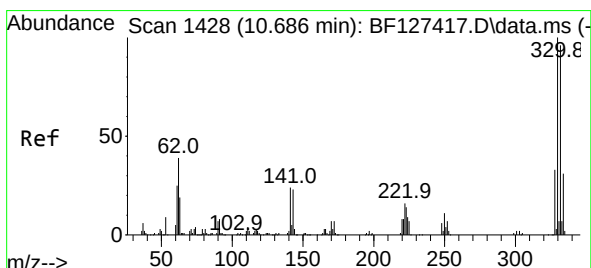
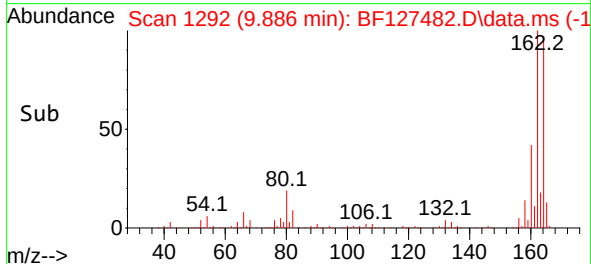
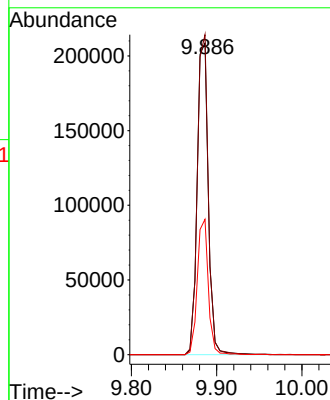
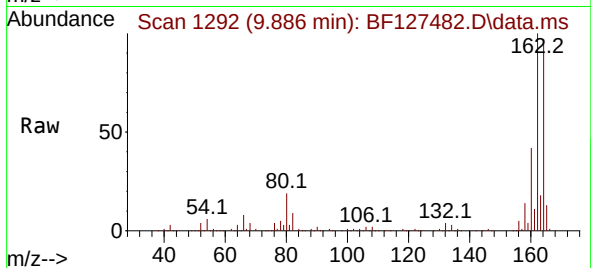
Tgt Ion:164 Resp: 189993

Ion Ratio Lower Upper

164 100

162 102.7 81.2 121.8

160 43.4 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 128.221 ng

RT: 10.680 min Scan# 1427

Delta R.T. -0.006 min

Lab File: BF127482.D

Acq: 23 Mar 2022 15:59

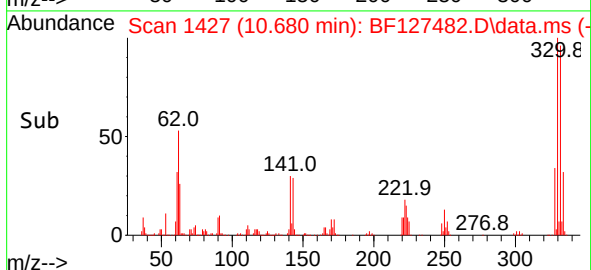
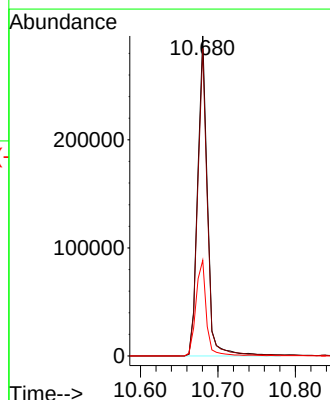
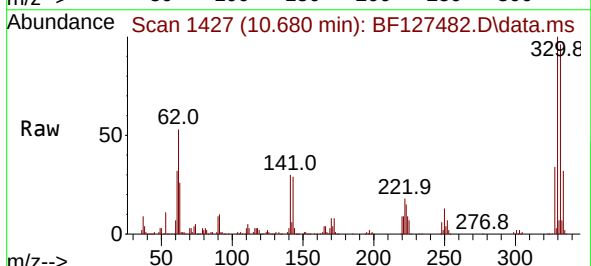
Tgt Ion:330 Resp: 259508

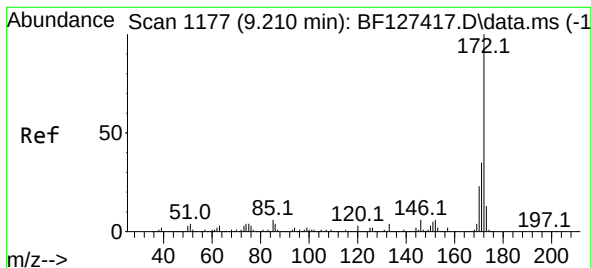
Ion Ratio Lower Upper

330 100

332 96.3 79.1 118.7

141 31.7 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 83.833 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127482.D

Acq: 23 Mar 2022 15:59

Instrument :

BNA_F

ClientSampleId :

WC-7-1-(10-10.5)

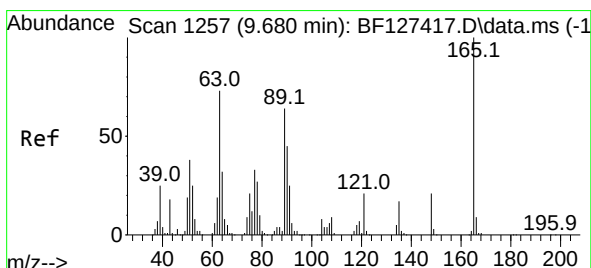
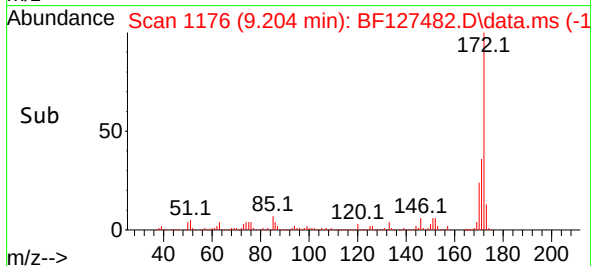
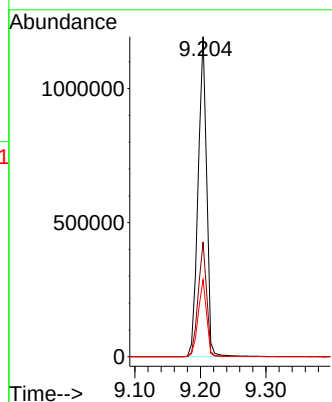
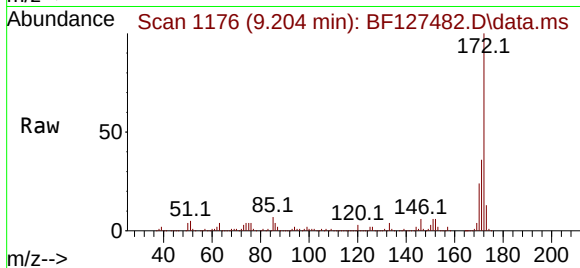
Tgt Ion:172 Resp: 1090762

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

170 24.1 18.6 27.8



#51

2,6-Dinitrotoluene

Concen: 8.681 ng

RT: 9.886 min Scan# 1292

Delta R.T. 0.206 min

Lab File: BF127482.D

Acq: 23 Mar 2022 15:59

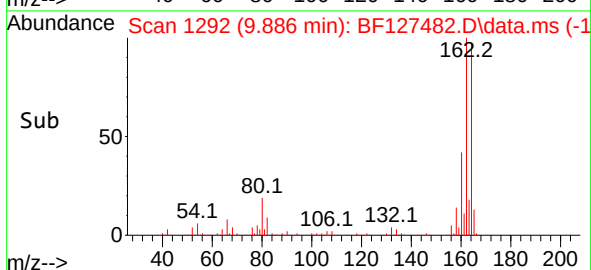
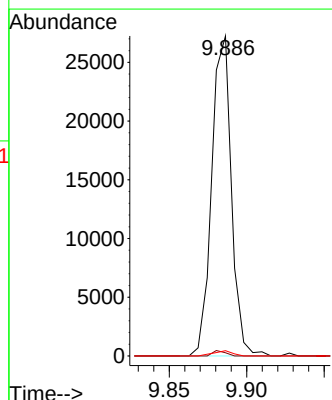
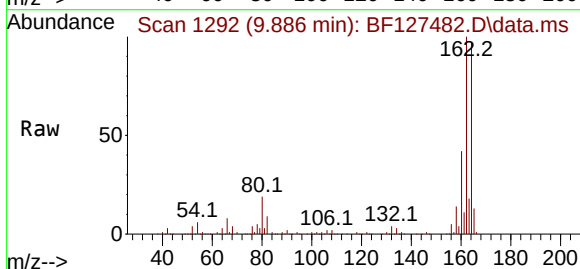
Tgt Ion:165 Resp: 24086

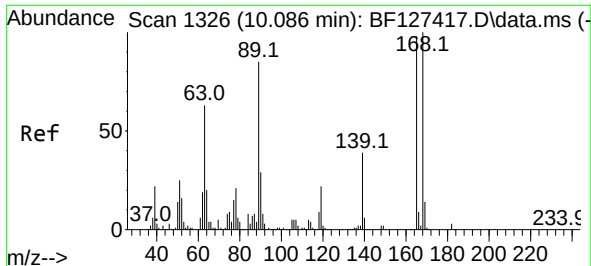
Ion Ratio Lower Upper

165 100

63 1.0 58.3 87.5#

89 1.7 51.5 77.3#

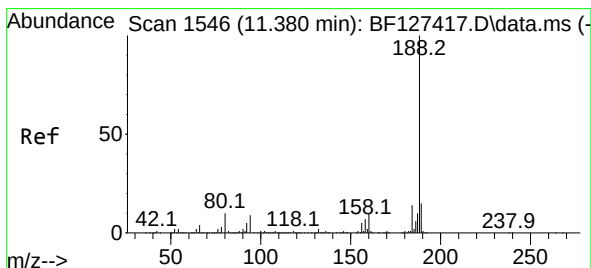
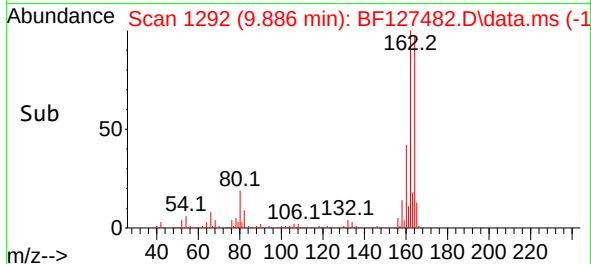
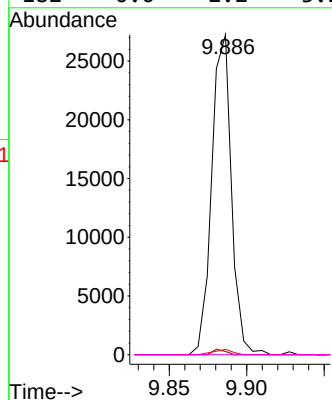
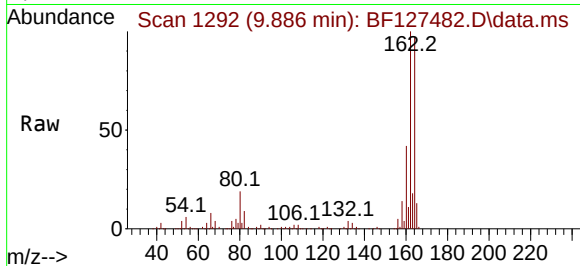




#57
2,4-Dinitrotoluene
Concen: 6.744 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127482.D
Acq: 23 Mar 2022 15:59

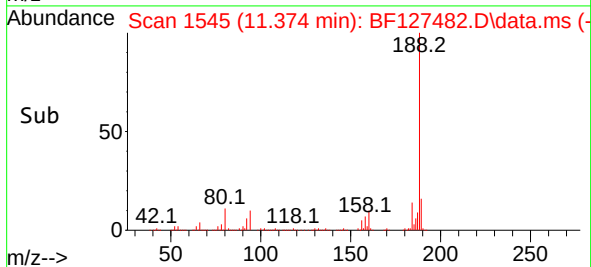
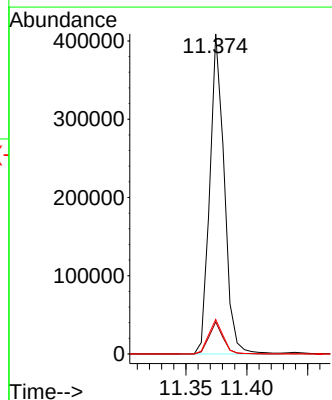
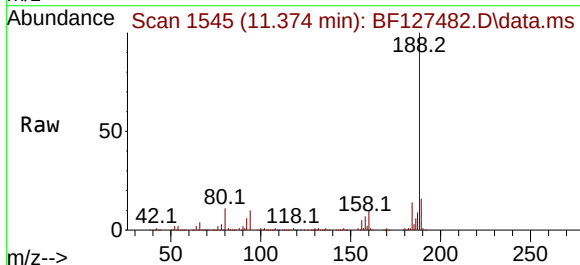
Instrument :
BNA_F
ClientSampleId :
WC-7-1-(10-10.5)

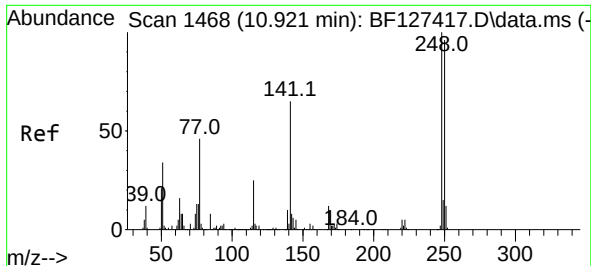
Tgt Ion:165 Resp: 24086
Ion Ratio Lower Upper
165 100
63 1.0 53.1 79.7#
89 1.7 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1545
Delta R.T. -0.006 min
Lab File: BF127482.D
Acq: 23 Mar 2022 15:59

Tgt Ion:188 Resp: 338611
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.0
80 10.8 8.0 12.0

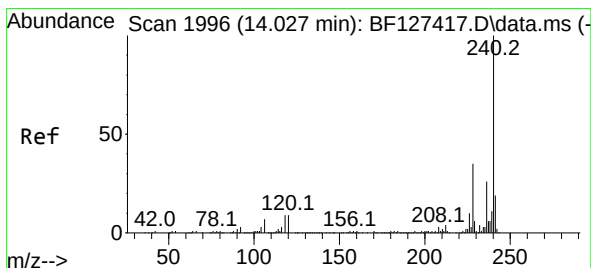
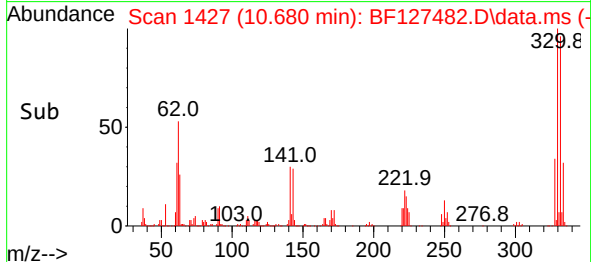
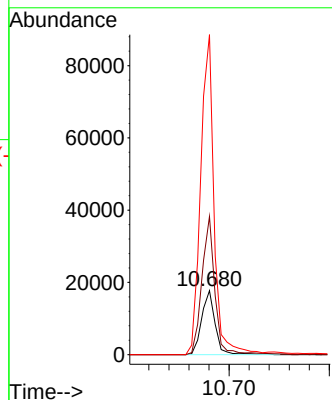
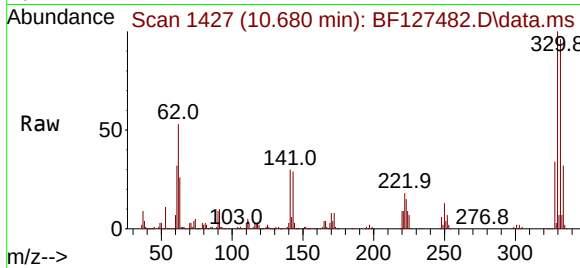




#67
4-Bromophenyl-phenylether
Concen: 4.223 ng
RT: 10.680 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127482.D
Acq: 23 Mar 2022 15:59

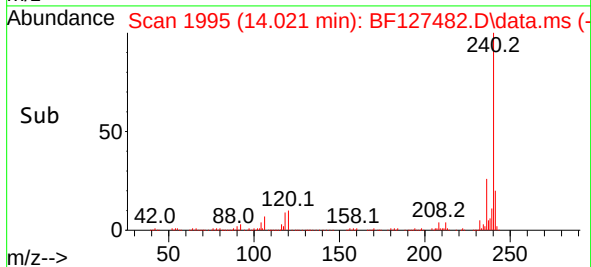
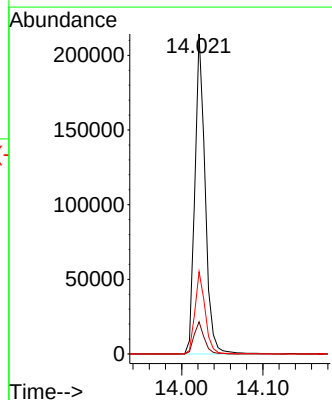
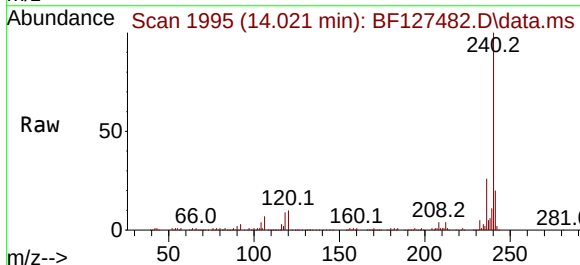
Instrument :
BNA_F
ClientSampleId :
WC-7-1-(10-10.5)

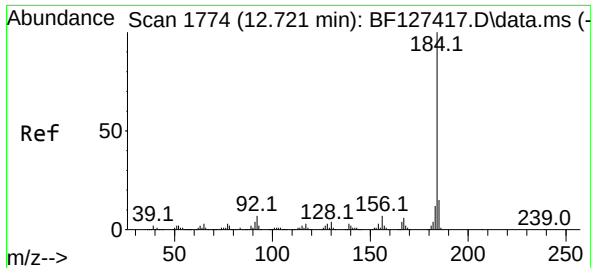
Tgt Ion:248 Resp: 16696
Ion Ratio Lower Upper
248 100
250 215.7 76.6 115.0#
141 499.6 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127482.D
Acq: 23 Mar 2022 15:59

Tgt Ion:240 Resp: 188767
Ion Ratio Lower Upper
240 100
120 10.0 7.1 10.7
236 25.7 20.7 31.1

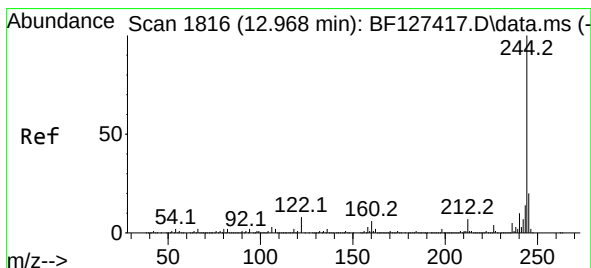
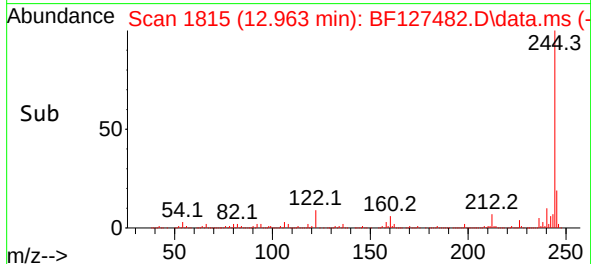
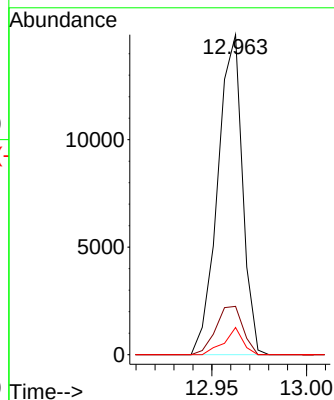
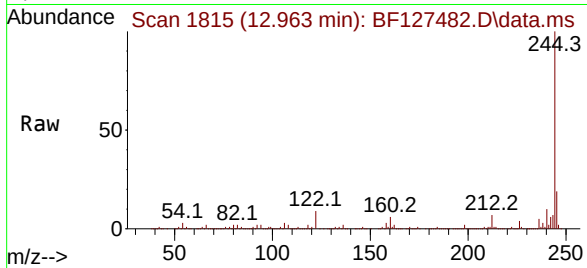




#77
Benzidine
Concen: 3.004 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127482.D
Acq: 23 Mar 2022 15:59

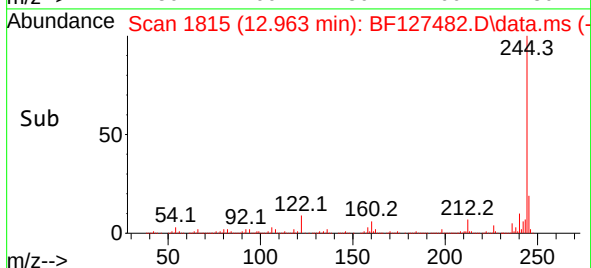
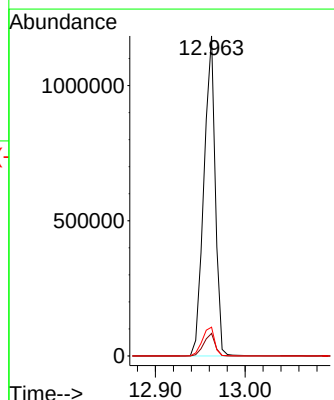
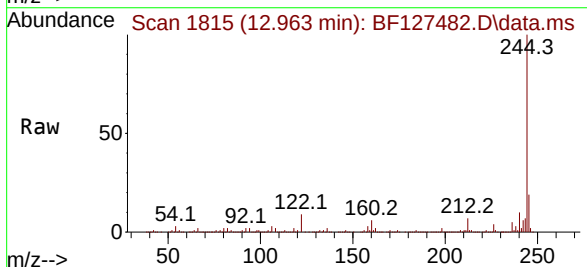
Instrument :
BNA_F
ClientSampleId :
WC-7-1-(10-10.5)

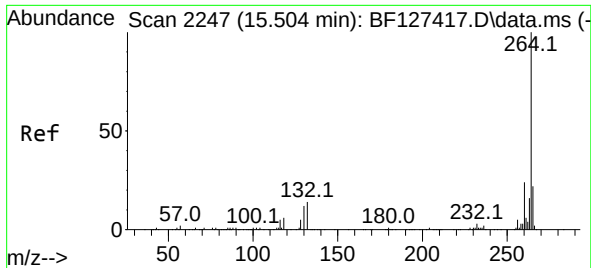
Tgt Ion:184 Resp: 13521
Ion Ratio Lower Upper
184 100
185 15.1 12.2 18.2
183 8.5 9.4 14.0#



#79
Terphenyl-d14
Concen: 90.171 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127482.D
Acq: 23 Mar 2022 15:59

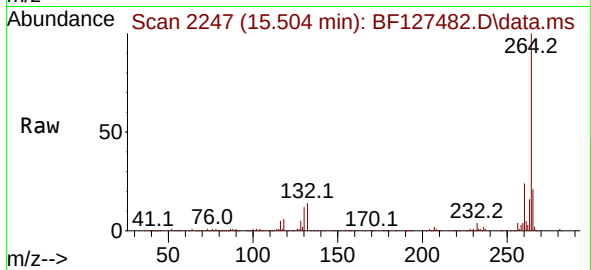
Tgt Ion:244 Resp: 1039778
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 9.0 6.2 9.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF127482.D
 Acq: 23 Mar 2022 15:59

Instrument :
 BNA_F
 ClientSampleId :
 WC-7-1-(10-10.5)



Tgt Ion:264 Resp: 186935
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 20.5 17.4 26.2

