

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
 Data File : BF127527.D
 Acq On : 25 Mar 2022 15:50
 Operator : CG\JU
 Sample : N2076-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-20220322

Quant Time: Mar 25 17:27:03 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)

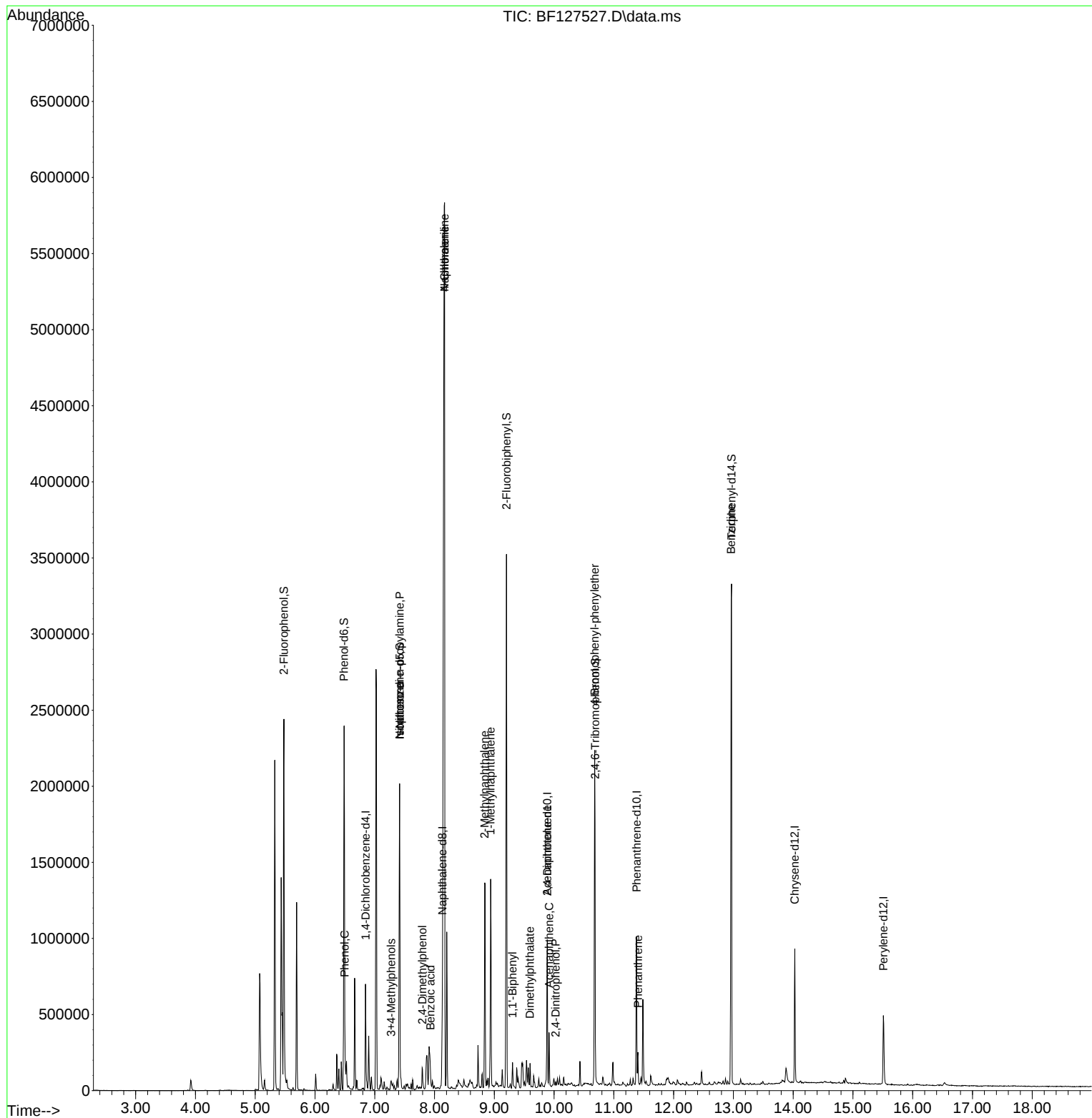
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	88911	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	316306	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	194325	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	363295	20.000	ng	0.00
76) Chrysene-d12	14.027	240	292256	20.000	ng	0.00
86) Perylene-d12	15.509	264	204371	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	633780	113.783	ng	0.01
7) Phenol-d6	6.486	99	812056	106.655	ng	0.00
23) Nitrobenzene-d5	7.416	82	640388	86.542	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	272127	131.459	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1085139	81.541	ng	0.00
79) Terphenyl-d14	12.968	244	1280231	71.710	ng	0.00
Target Compounds					Qvalue	
9) Benzaldehyde	6.398	77	5959	Below Cal	#	1
10) Phenol	6.498	94	39655	4.782	ng	86
19) n-Nitroso-di-n-propyla...	7.416	70	87083	19.081	ng	# 80
20) 3+4-Methylphenols	7.275	107	16523	2.789	ng	# 51
25) Isophorone	7.416	82	640382	54.336	ng	# 70
27) 2,4-Dimethylphenol	7.798	122	10623	2.386	ng	94
31) Naphthalene	8.169	128	4084638	243.232	ng	97
32) Benzoic acid	7.933	122	14741	11.078	ng	# 12
33) 4-Chloroaniline	8.169	127	558142	85.770	ng	# 31
37) 2-Methylnaphthalene	8.839	142	368084	34.088	ng	99
38) 1-Methylnaphthalene	8.939	142	322920	30.243	ng	98
46) 1,1'-Biphenyl	9.304	154	37682	2.567	ng	99
50) Dimethylphthalate	9.598	163	52881	3.912	ng	96
52) Acenaphthene	9.916	154	67288	6.601	ng	98
54) 2,4-Dinitrophenol	10.027	184	353	8.920	ng	# 19
55) Dibenzofuran	10.092	168	11547	Below Cal		98
57) 2,4-Dinitrotoluene	9.886	165	26468	7.246	ng	# 15
67) 4-Bromophenyl-phenylether	10.680	248	18008	4.246	ng	# 1
71) Phenanthrene	11.404	178	76013	4.013	ng	97
77) Benzidine	12.963	184	16860	2.419	ng	# 94

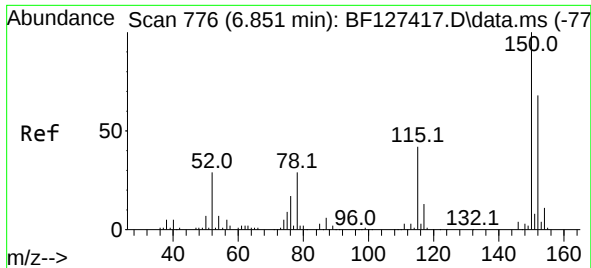
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
Data File : BF127527.D
Acq On : 25 Mar 2022 15:50
Operator : CG\JU
Sample : N2076-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-20220322

Quant Time: Mar 25 17:27:03 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

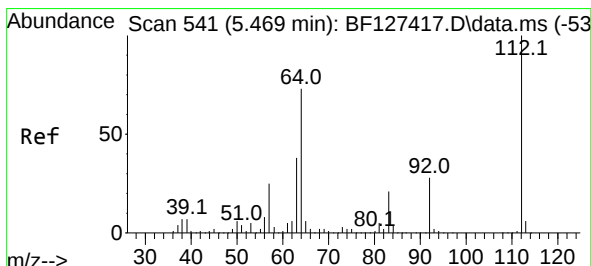
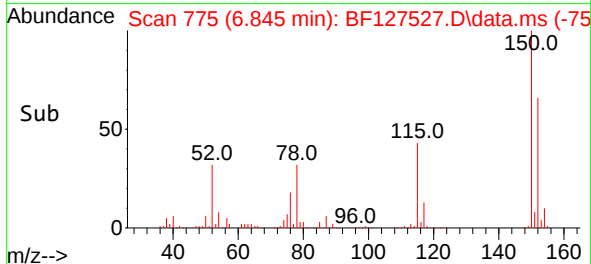
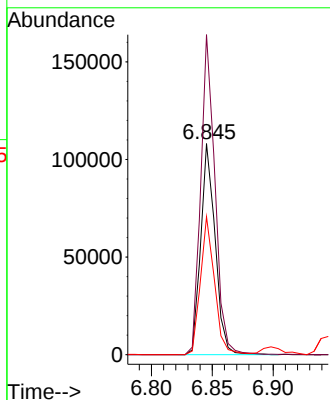
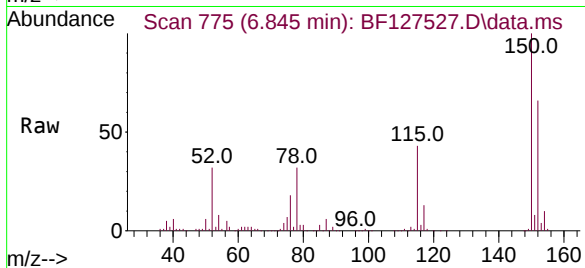




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

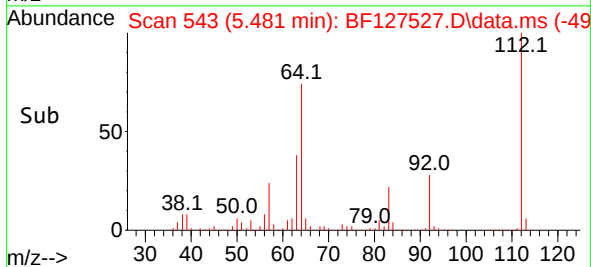
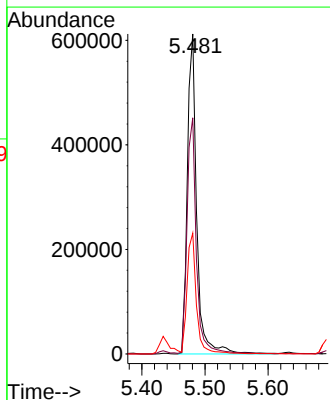
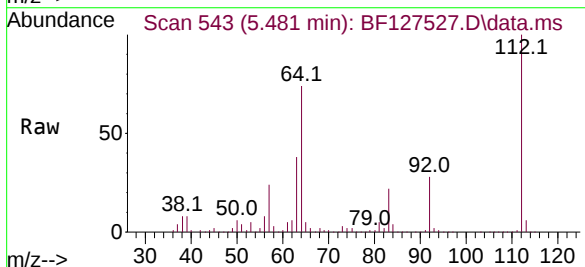
Instrument :
BNA_F
ClientSampleId :
WC-20220322

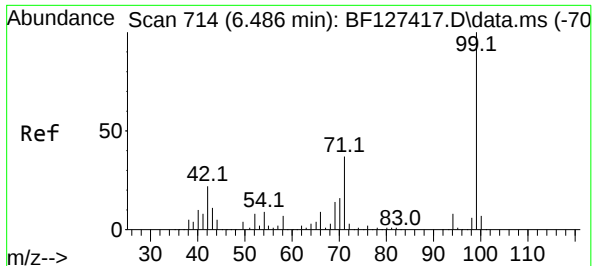
Tgt Ion:152 Resp: 88911
Ion Ratio Lower Upper
152 100
150 151.6 117.2 175.8
115 65.4 49.8 74.6



#5
2-Fluorophenol
Concen: 113.783 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.012 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

Tgt Ion:112 Resp: 633780
Ion Ratio Lower Upper
112 100
64 73.8 58.4 87.6
63 37.8 30.1 45.1

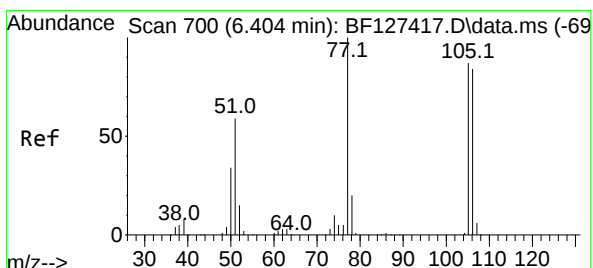
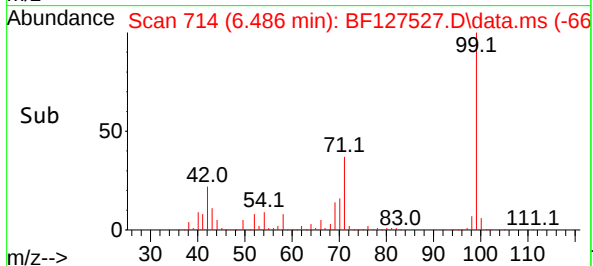
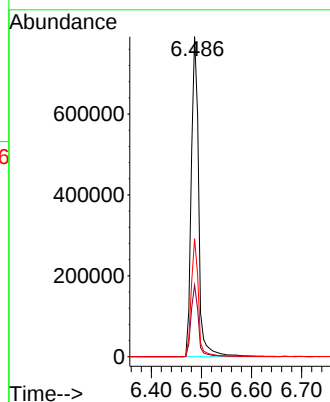
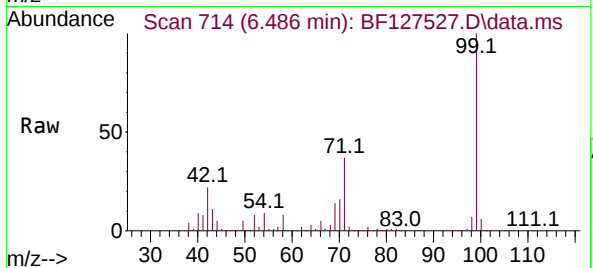




#7
Phenol-d6
Concen: 106.655 ng
RT: 6.486 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

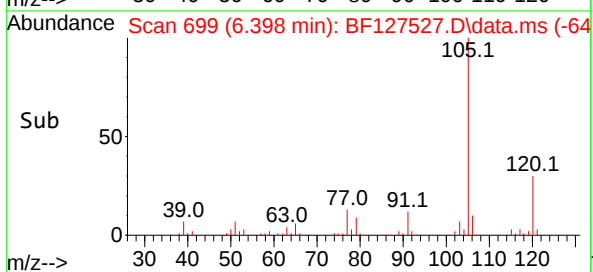
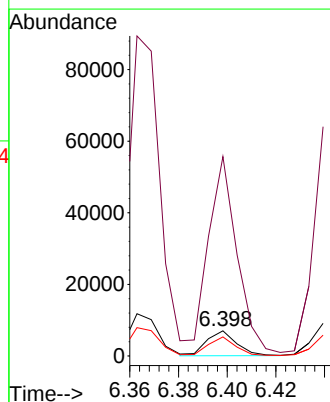
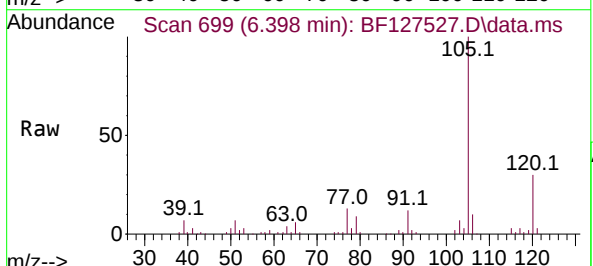
Instrument :
BNA_F
ClientSampleId :
WC-20220322

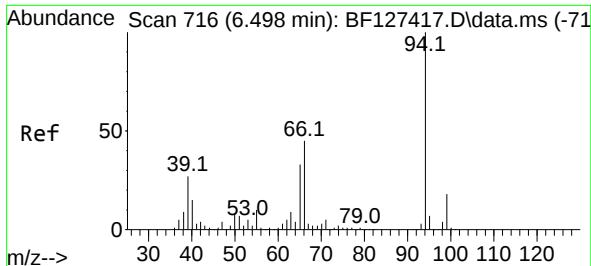
Tgt Ion: 99 Resp: 812056
Ion Ratio Lower Upper
99 100
42 22.3 17.8 26.6
71 36.8 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.398 min Scan# 699
Delta R.T. -0.006 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

Tgt Ion: 77 Resp: 5959
Ion Ratio Lower Upper
77 100
105 791.7 66.8 106.8#
106 75.5 64.3 104.3

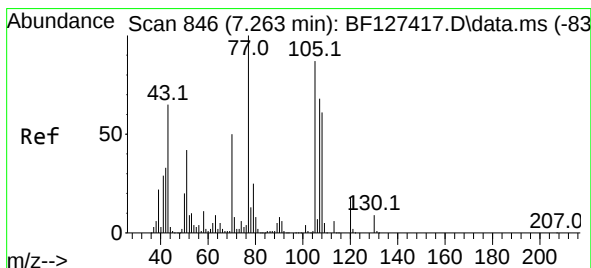
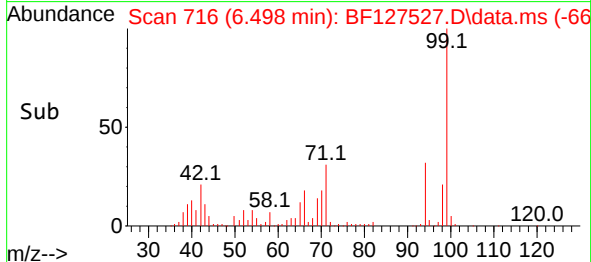
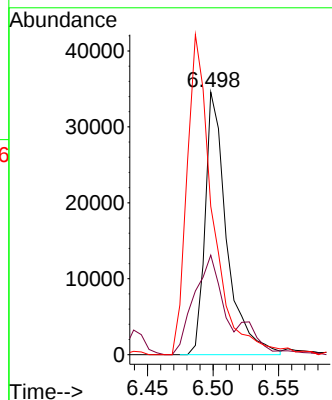
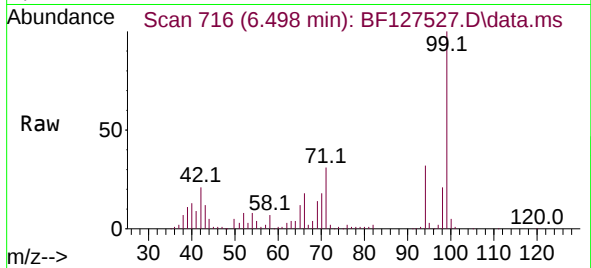




#10
Phenol
Concen: 4.782 ng
RT: 6.498 min Scan# 716
Delta R.T. -0.000 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

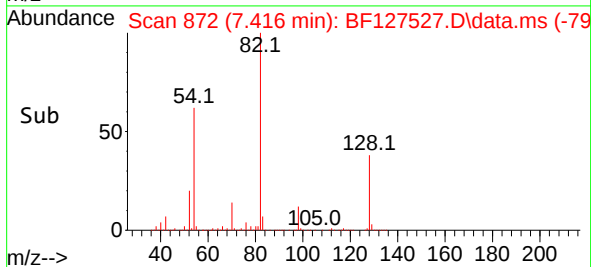
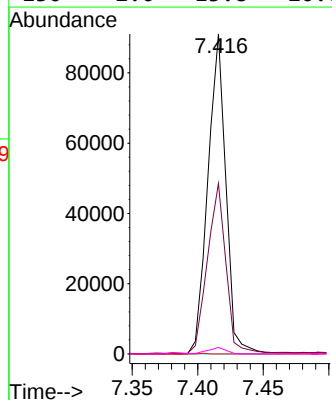
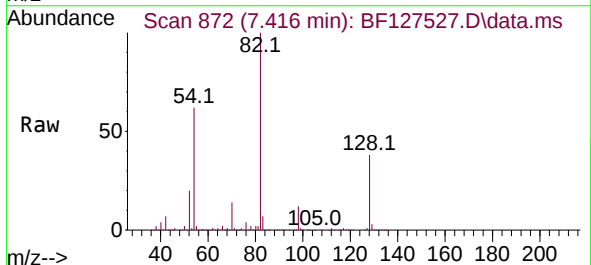
Instrument :
BNA_F
ClientSampleId :
WC-20220322

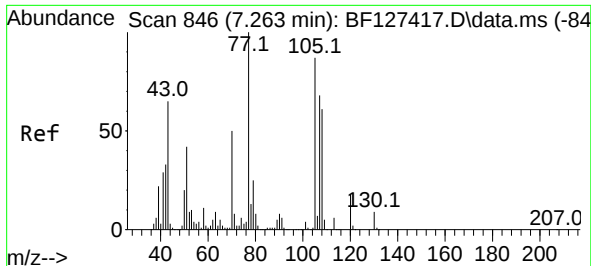
Tgt Ion: 94 Resp: 39655
Ion Ratio Lower Upper
94 100
65 37.9 13.1 53.1
66 56.5 24.9 64.9



#19
n-Nitroso-di-n-propylamine
Concen: 19.081 ng
RT: 7.416 min Scan# 872
Delta R.T. 0.153 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

Tgt Ion: 70 Resp: 87083
Ion Ratio Lower Upper
70 100
42 53.3 53.0 79.6
101 0.0 6.8 10.2#
130 2.0 13.8 20.6#

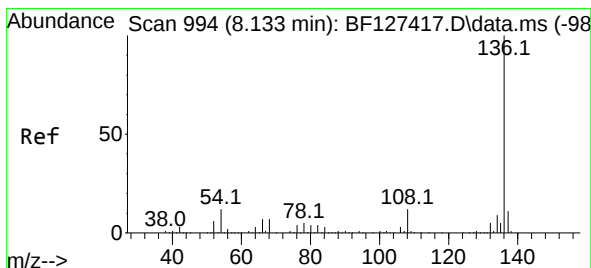
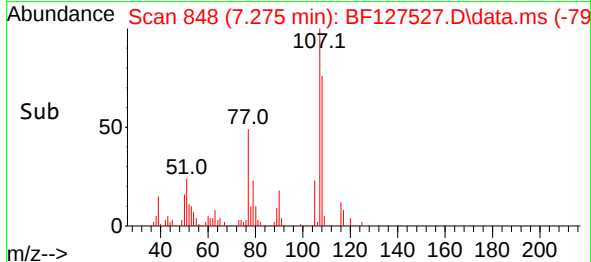
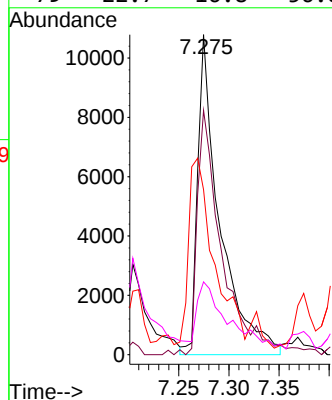
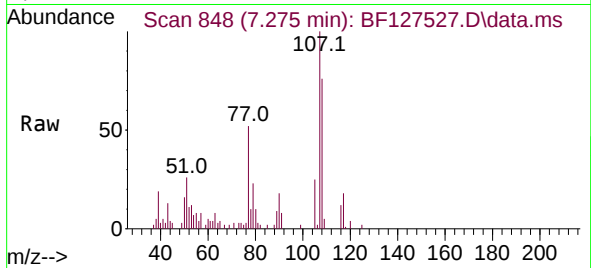




#20
3+4-Methylphenols
Concen: 2.789 ng
RT: 7.275 min Scan# 846
Delta R.T. 0.012 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

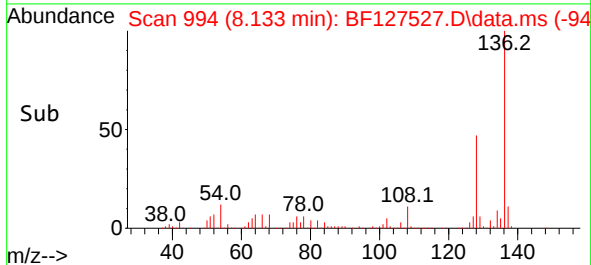
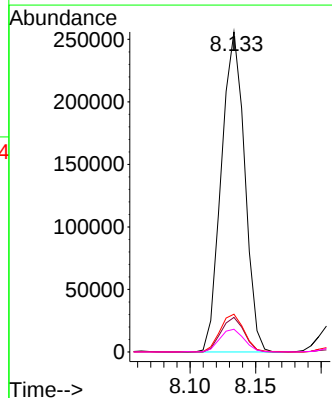
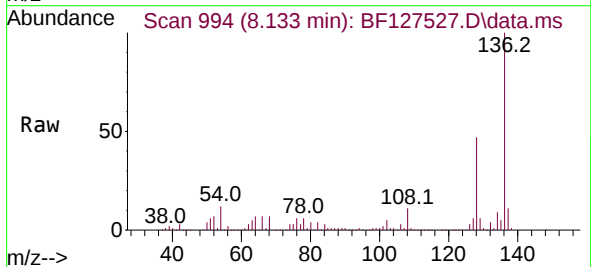
Instrument :
BNA_F
ClientSampleId :
WC-20220322

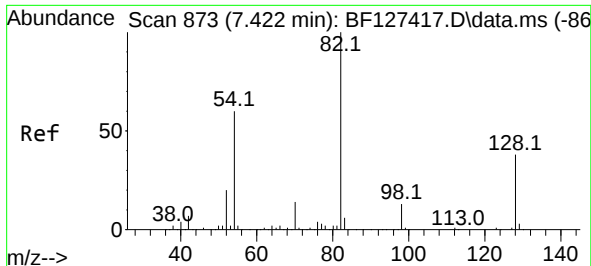
Tgt Ion:107 Resp: 16523
Ion Ratio Lower Upper
107 100
108 76.3 70.7 110.7
77 51.6 127.9 167.9#
79 22.7 16.8 56.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

Tgt Ion:136 Resp: 316306
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 11.8 9.2 13.8
68 7.1 5.4 8.0





#23

Nitrobenzene-d5

Concen: 86.542 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.006 min

Lab File: BF127527.D

Acq: 25 Mar 2022 15:50

Instrument :

BNA_F

ClientSampleId :

WC-20220322

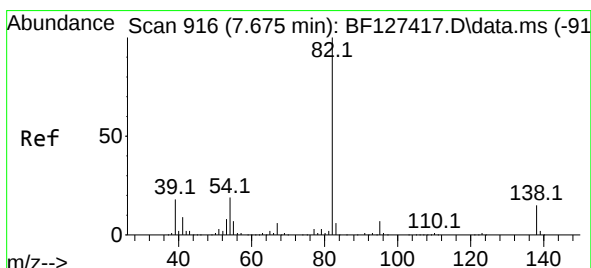
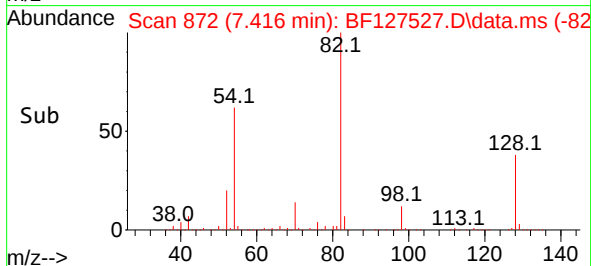
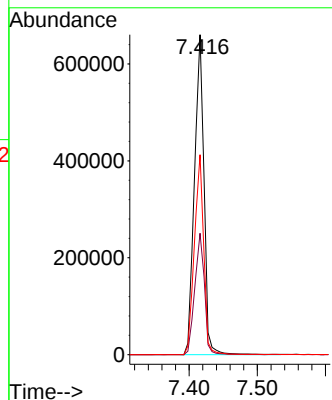
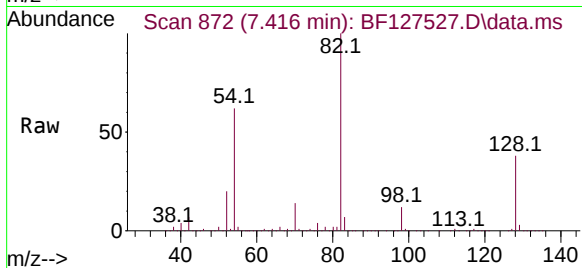
Tgt Ion: 82 Resp: 640388

Ion Ratio Lower Upper

82 100

128 38.0 30.6 45.8

54 62.5 48.2 72.2



#25

Isophorone

Concen: 54.336 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127527.D

Acq: 25 Mar 2022 15:50

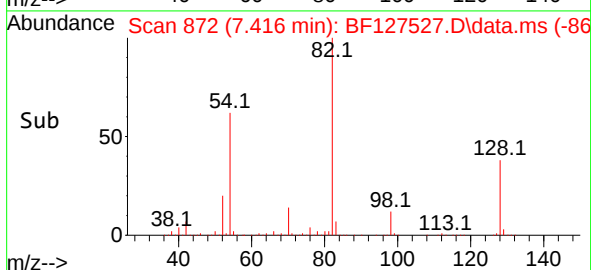
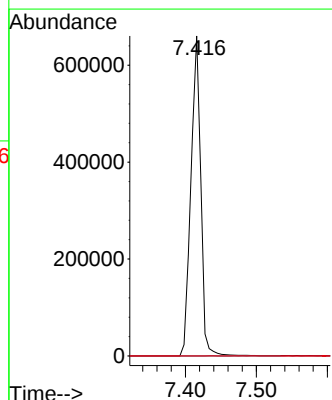
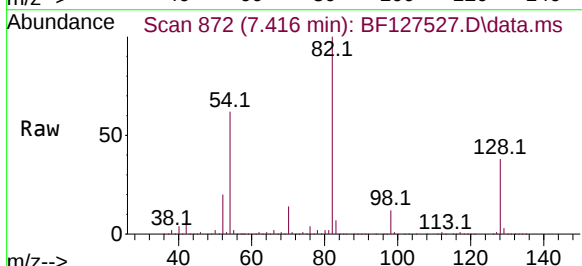
Tgt Ion: 82 Resp: 640382

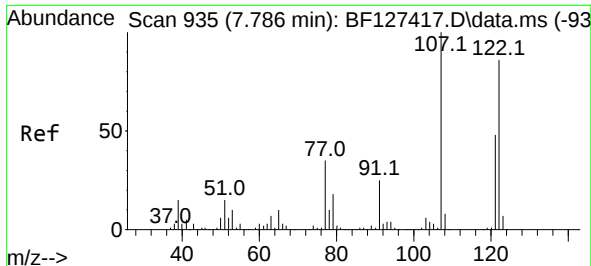
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#





#27

2,4-Dimethylphenol

Concen: 2.386 ng

RT: 7.798 min Scan# 91

Delta R.T. 0.012 min

Lab File: BF127527.D

Acq: 25 Mar 2022 15:50

Instrument :

BNA_F

ClientSampleId :

WC-20220322

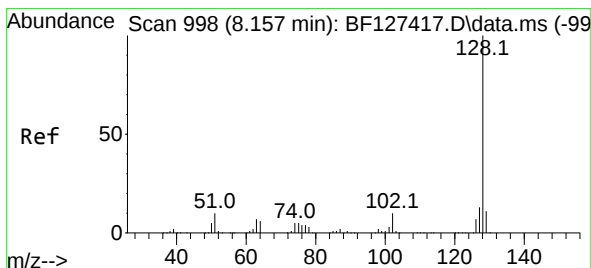
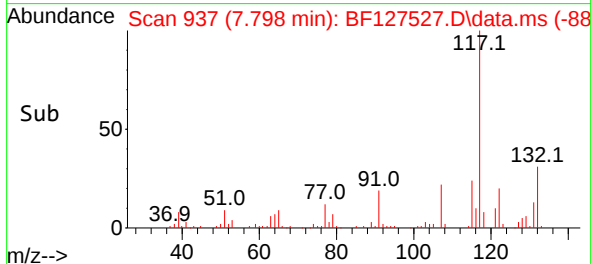
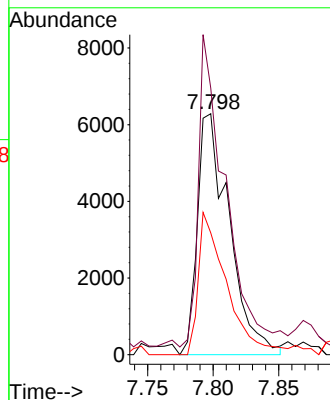
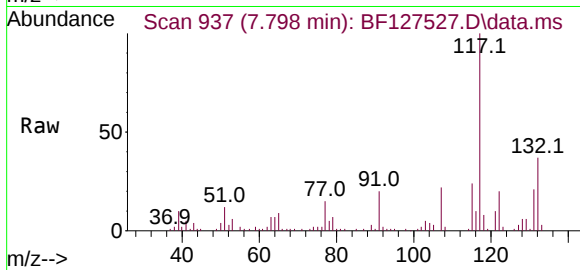
Tgt Ion:122 Resp: 10623

Ion Ratio Lower Upper

122 100

107 110.6 93.0 139.4

121 50.6 44.9 67.3



#31

Naphthalene

Concen: 243.232 ng

RT: 8.169 min Scan# 1000

Delta R.T. 0.012 min

Lab File: BF127527.D

Acq: 25 Mar 2022 15:50

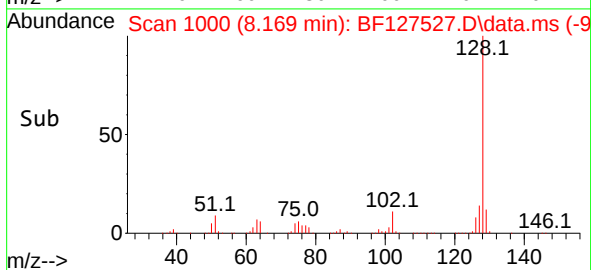
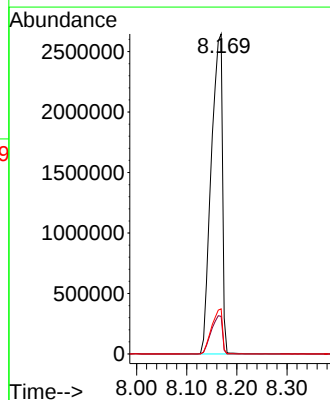
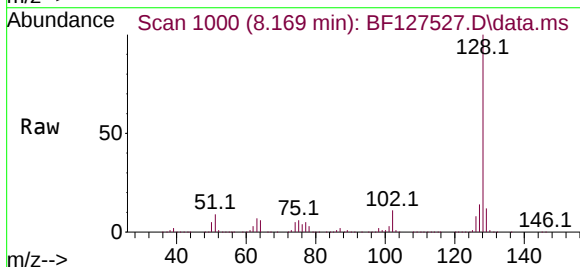
Tgt Ion:128 Resp: 4084638

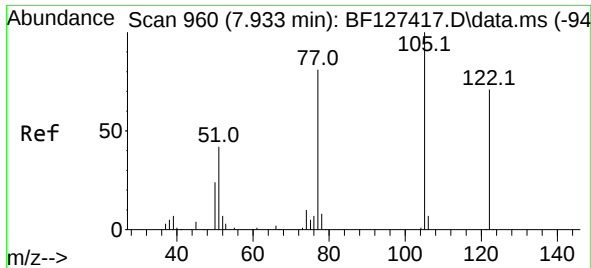
Ion Ratio Lower Upper

128 100

129 11.7 8.4 12.6

127 14.1 10.2 15.2

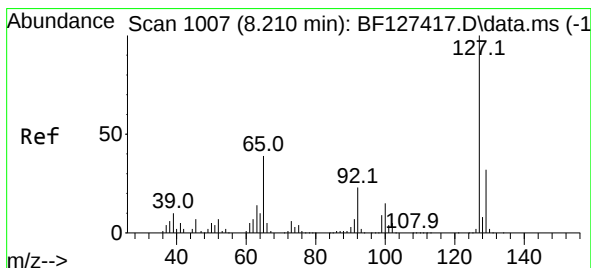
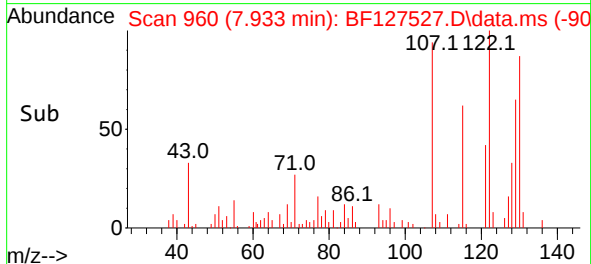
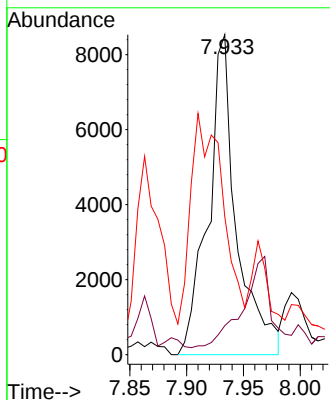
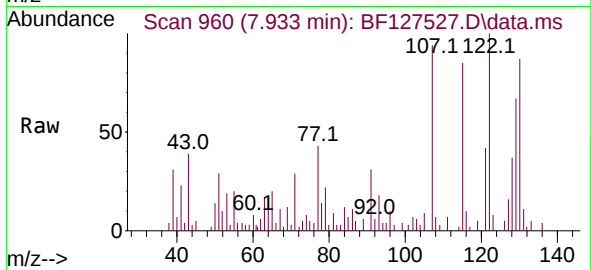




#32
Benzoic acid
Concen: 11.078 ng
RT: 7.933 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

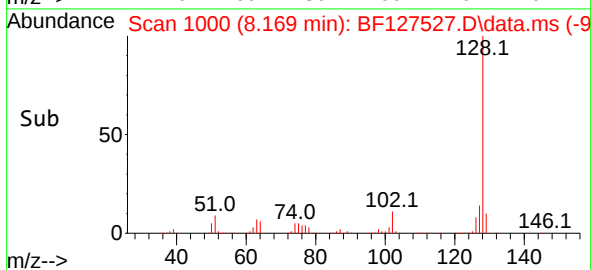
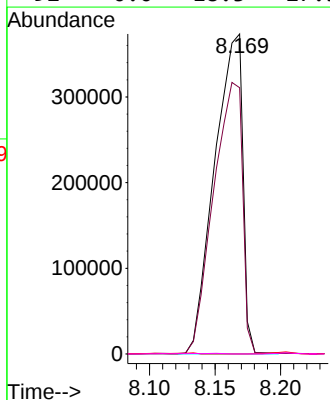
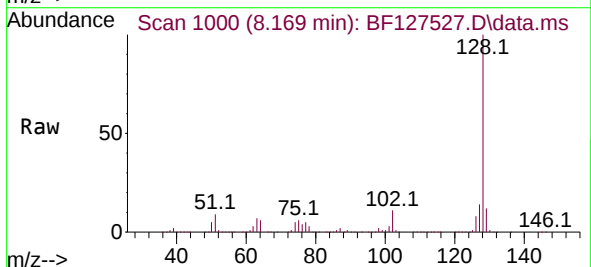
Instrument :
BNA_F
ClientSampleId :
WC-20220322

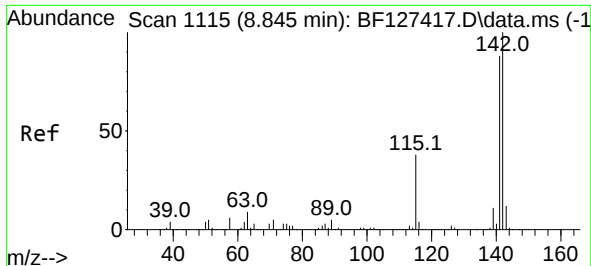
Tgt Ion:122 Resp: 14741
Ion Ratio Lower Upper
122 100
105 9.0 117.1 157.1#
77 43.1 93.0 133.0#



#33
4-Chloroaniline
Concen: 85.770 ng
RT: 8.169 min Scan# 1000
Delta R.T. -0.041 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

Tgt Ion:127 Resp: 558142
Ion Ratio Lower Upper
127 100
129 83.2 25.9 38.9#
65 0.0 31.4 47.0#
92 0.0 18.3 27.5#





#37

2-Methylnaphthalene

Concen: 34.088 ng

RT: 8.839 min Scan# 1114

Delta R.T. -0.006 min

Lab File: BF127527.D

Acq: 25 Mar 2022 15:50

Instrument :

BNA_F

ClientSampleId :

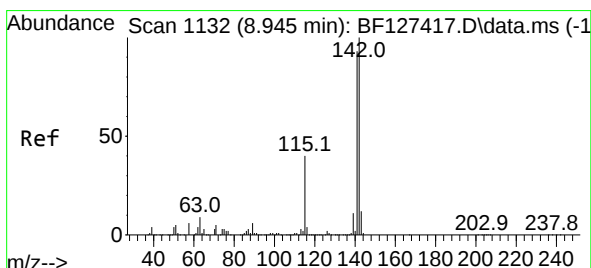
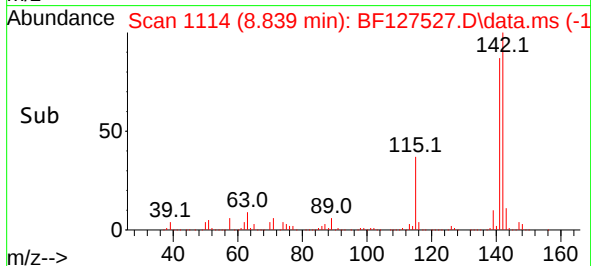
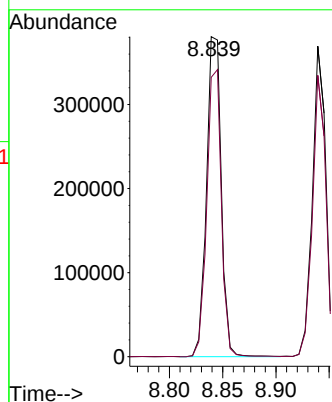
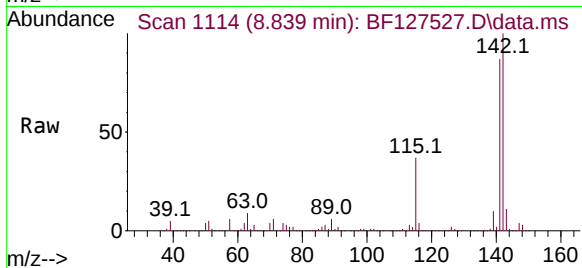
WC-20220322

Tgt Ion:142 Resp: 368084

Ion Ratio Lower Upper

142 100

141 87.3 70.6 106.0



#38

1-Methylnaphthalene

Concen: 30.243 ng

RT: 8.939 min Scan# 1131

Delta R.T. -0.006 min

Lab File: BF127527.D

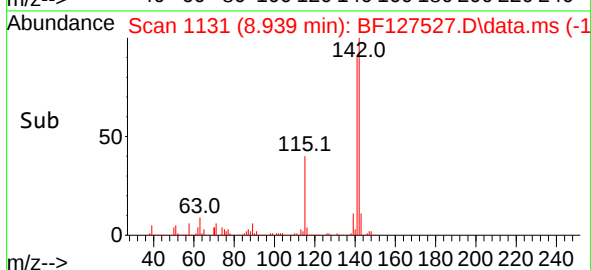
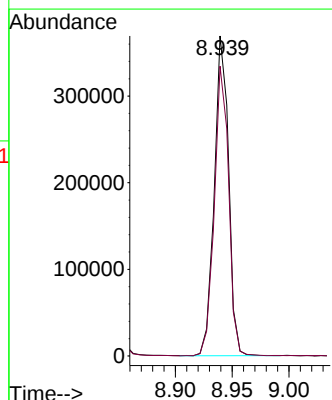
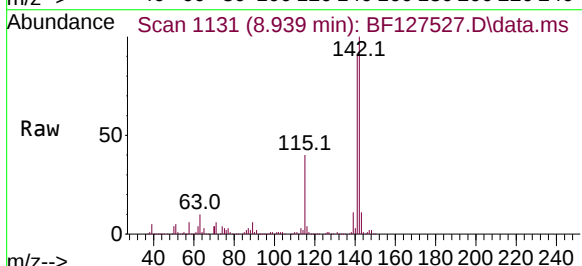
Acq: 25 Mar 2022 15:50

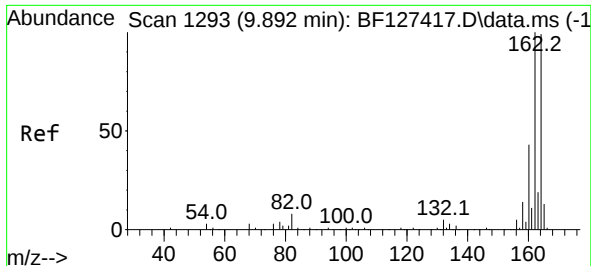
Tgt Ion:142 Resp: 322920

Ion Ratio Lower Upper

142 100

141 90.6 74.2 111.2

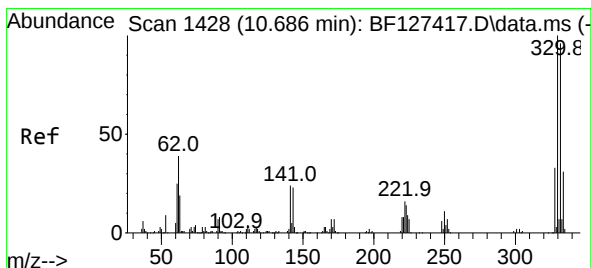
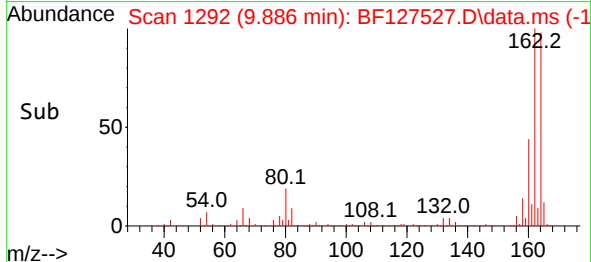
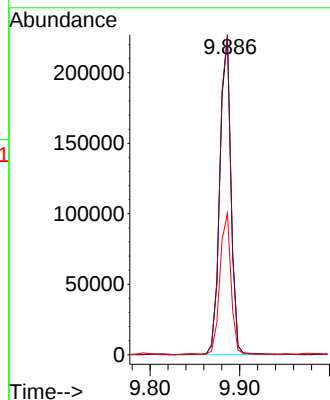
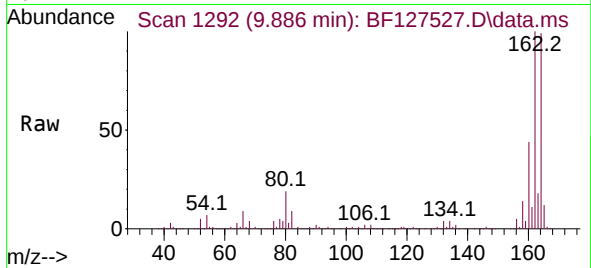




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

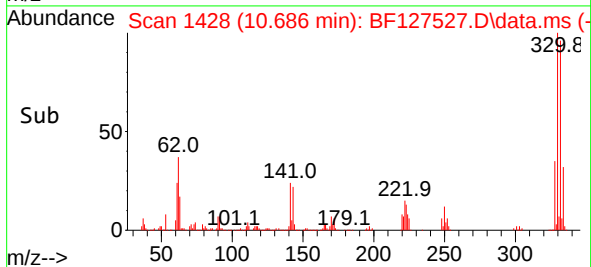
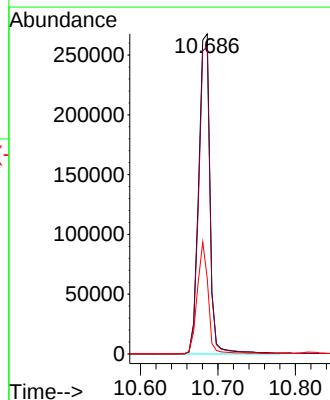
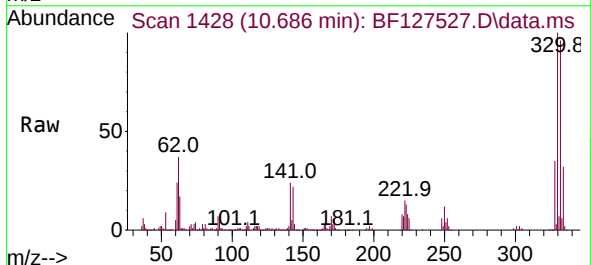
Instrument :
BNA_F
ClientSampleId :
WC-20220322

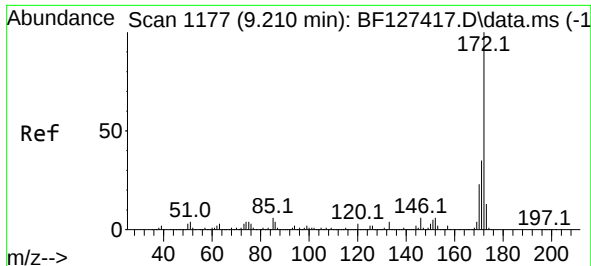
Tgt Ion:164 Resp: 194325
Ion Ratio Lower Upper
164 100
162 101.0 81.2 121.8
160 44.6 34.6 52.0



#42
2,4,6-Tribromophenol
Concen: 131.459 ng
RT: 10.686 min Scan# 1428
Delta R.T. -0.000 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

Tgt Ion:330 Resp: 272127
Ion Ratio Lower Upper
330 100
332 95.3 79.1 118.7
141 33.1 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 81.541 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127527.D

Acq: 25 Mar 2022 15:50

Instrument :

BNA_F

ClientSampleId :

WC-20220322

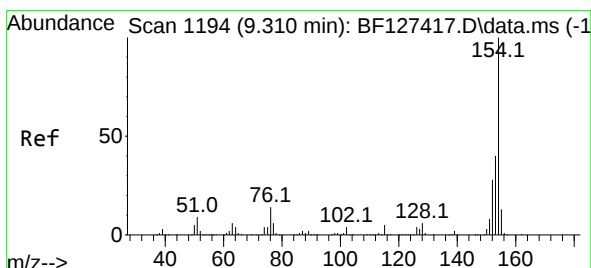
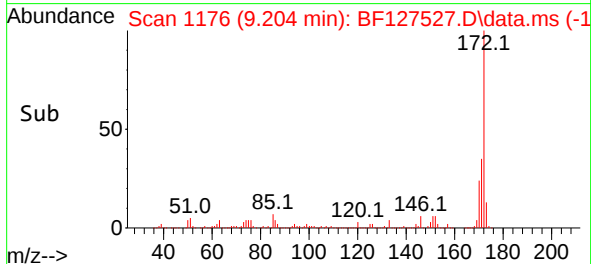
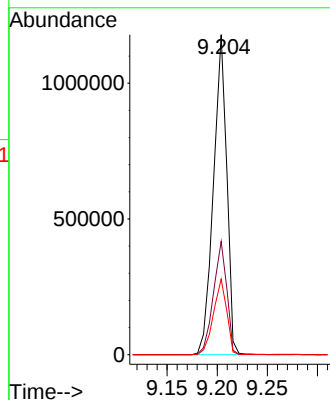
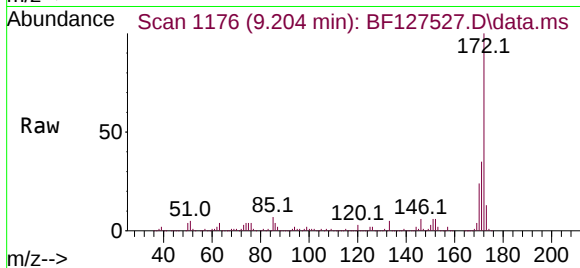
Tgt Ion:172 Resp: 1085139

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.6 18.6 27.8



#46

1,1'-Biphenyl

Concen: 2.567 ng

RT: 9.304 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF127527.D

Acq: 25 Mar 2022 15:50

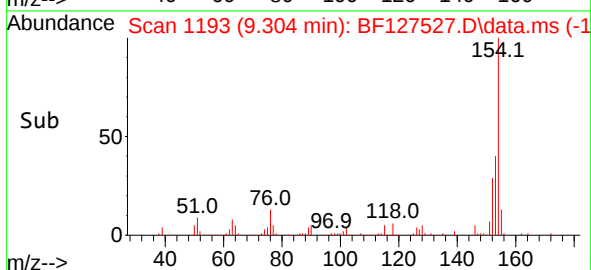
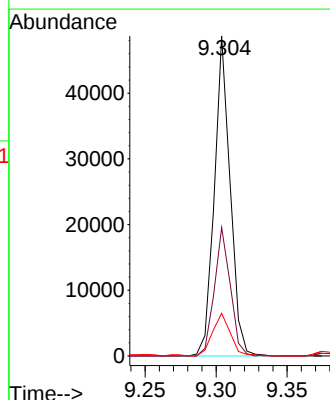
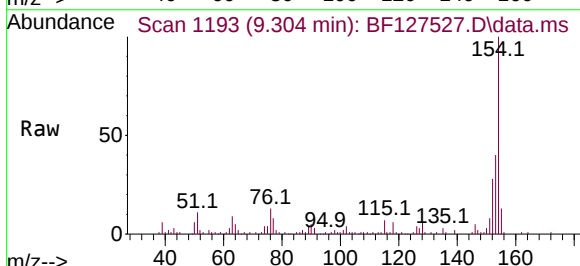
Tgt Ion:154 Resp: 37682

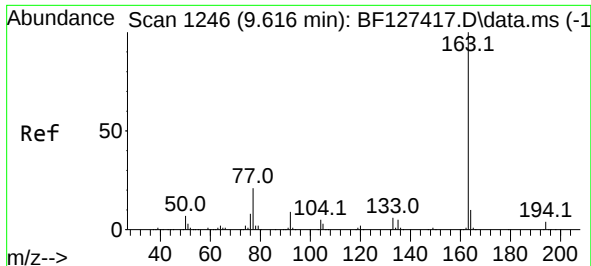
Ion Ratio Lower Upper

154 100

153 40.2 20.3 60.3

76 13.3 0.0 33.9

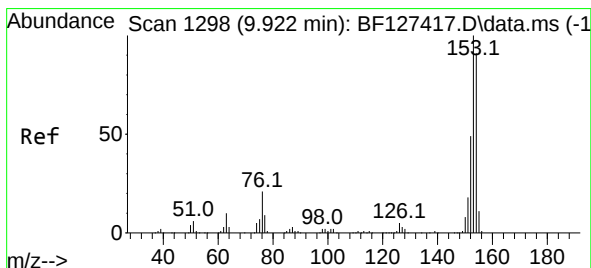
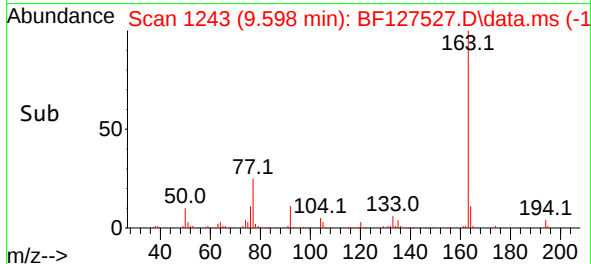
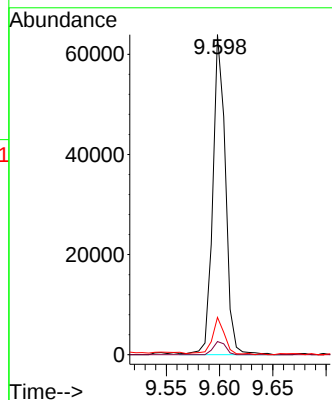
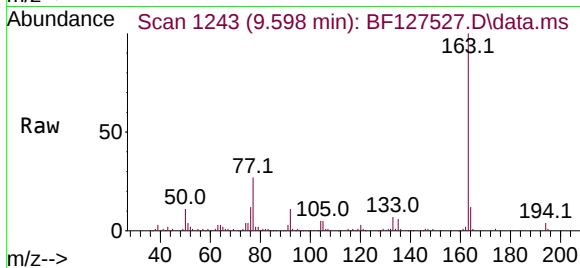




#50
Dimethylphthalate
Concen: 3.912 ng
RT: 9.598 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

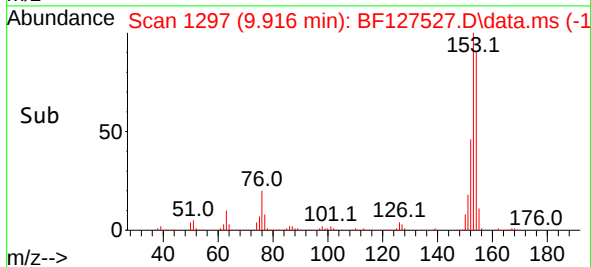
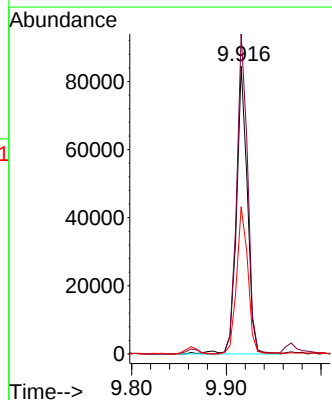
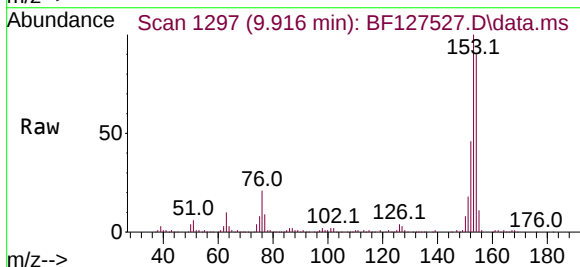
Instrument :
BNA_F
ClientSampleId :
WC-20220322

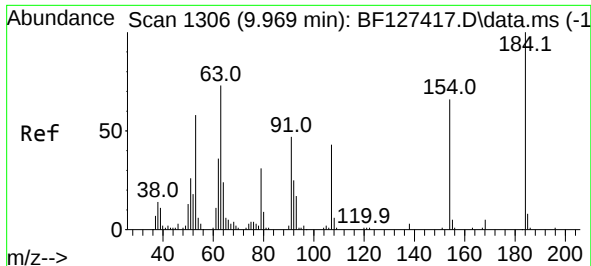
Tgt Ion:163 Resp: 52881
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 11.7 7.8 11.8



#52
Acenaphthene
Concen: 6.601 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.006 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

Tgt Ion:154 Resp: 67288
Ion Ratio Lower Upper
154 100
153 111.1 87.6 131.4
152 51.1 42.9 64.3

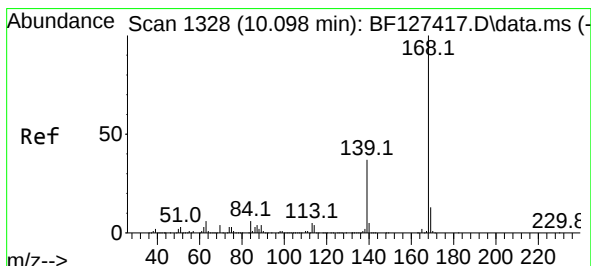
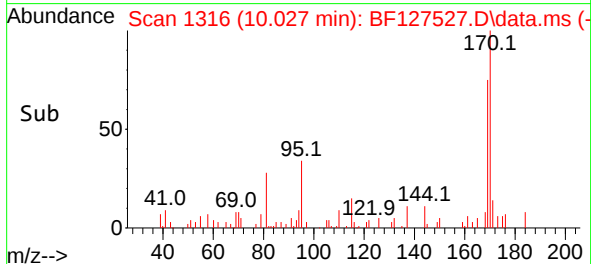
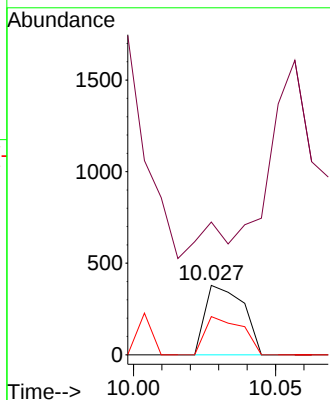
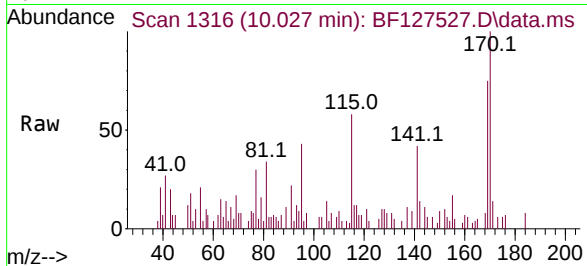




#54
2,4-Dinitrophenol
Concen: 8.920 ng
RT: 10.027 min Scan# 1316
Delta R.T. 0.058 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

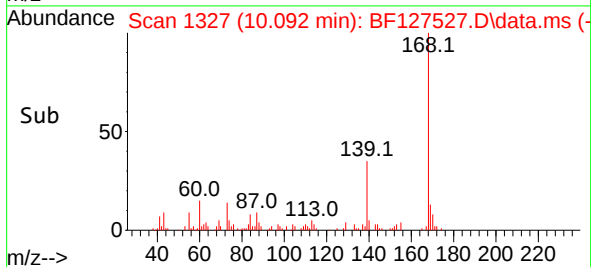
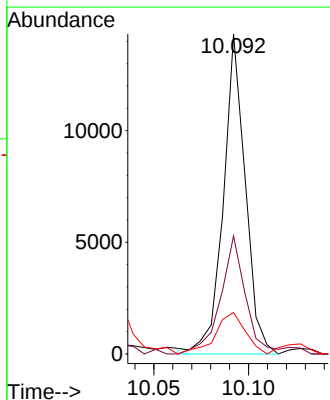
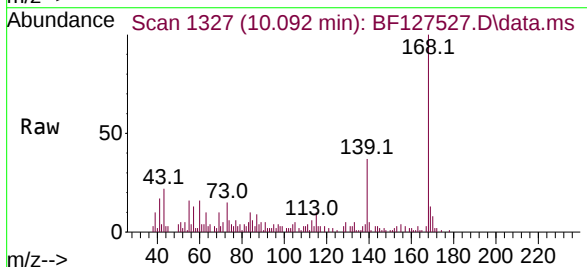
Instrument :
BNA_F
ClientSampleId :
WC-20220322

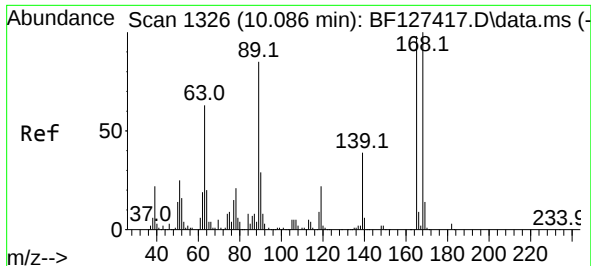
Tgt Ion:184 Resp: 353
Ion Ratio Lower Upper
184 100
63 191.3 58.1 87.1#
154 54.9 53.2 79.8



#55
Dibenzofuran
Concen: Below Cal
RT: 10.092 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

Tgt Ion:168 Resp: 11547
Ion Ratio Lower Upper
168 100
139 36.9 30.3 45.5
169 13.0 10.8 16.2

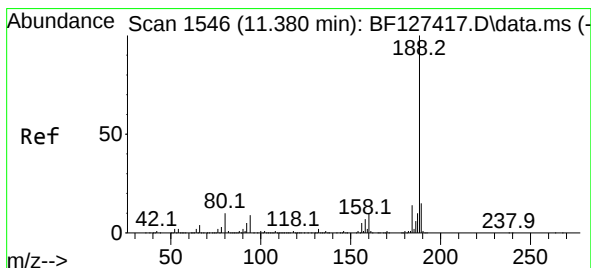
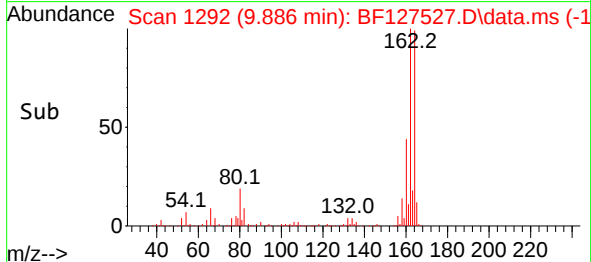
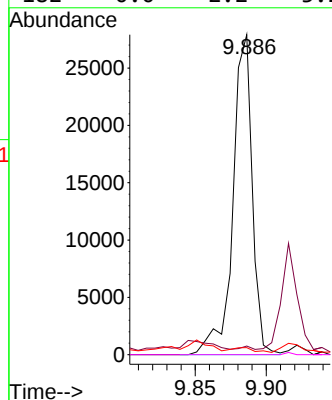
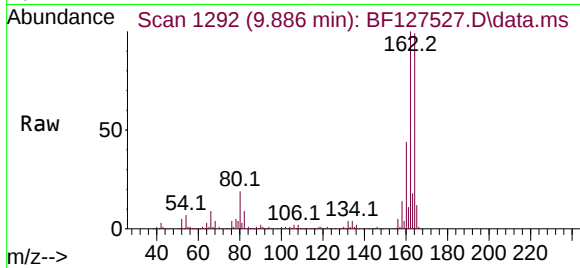




#57
2,4-Dinitrotoluene
Concen: 7.246 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

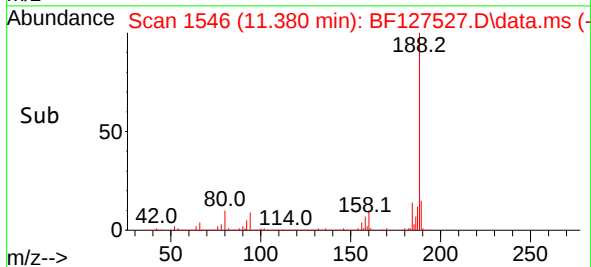
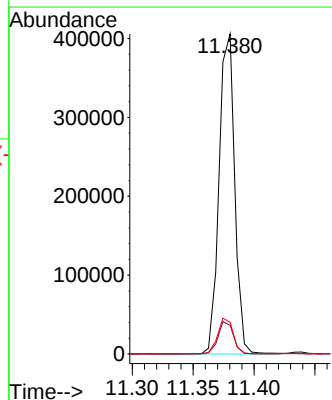
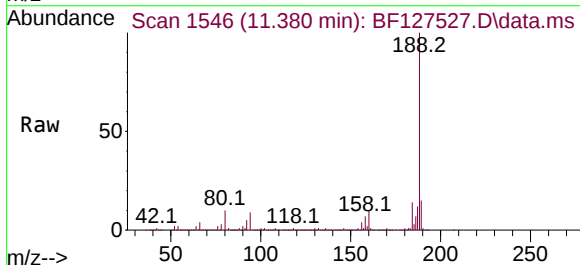
Instrument :
BNA_F
ClientSampleId :
WC-20220322

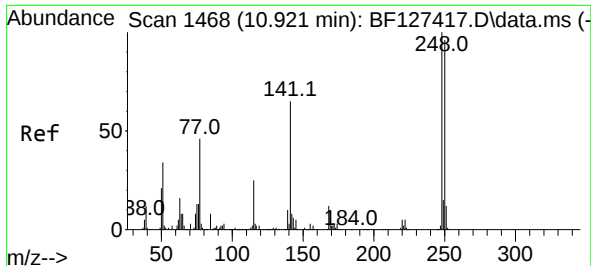
Tgt Ion:165 Resp: 26468
Ion Ratio Lower Upper
165 100
63 2.7 53.1 79.7#
89 2.2 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1546
Delta R.T. 0.000 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

Tgt Ion:188 Resp: 363295
Ion Ratio Lower Upper
188 100
94 9.0 7.4 11.0
80 9.9 8.0 12.0

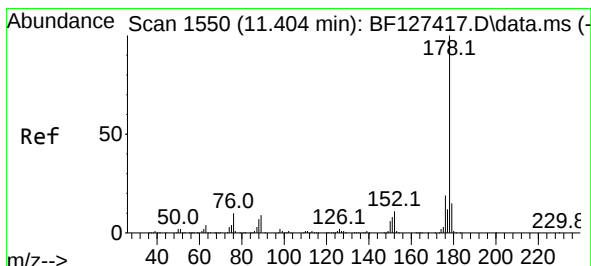
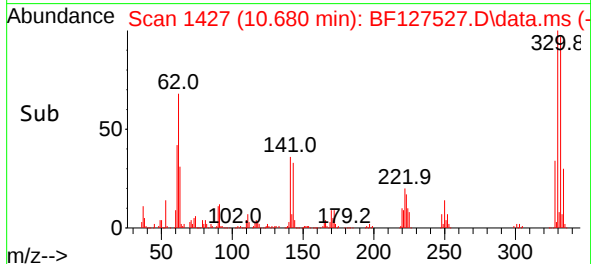
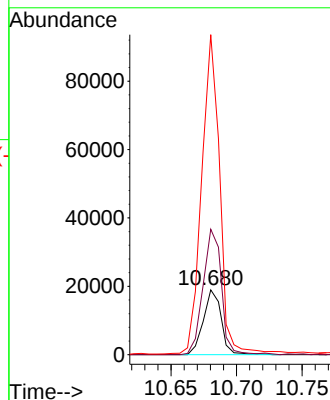
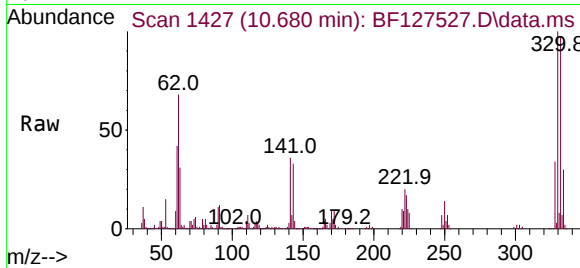




#67
4-Bromophenyl-phenylether
Concen: 4.246 ng
RT: 10.680 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

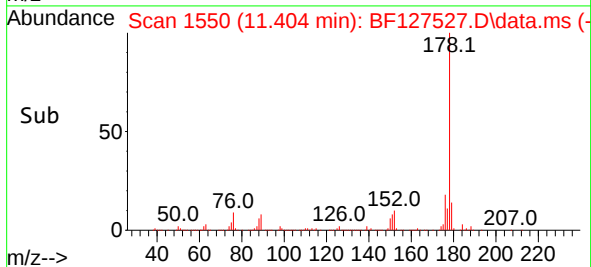
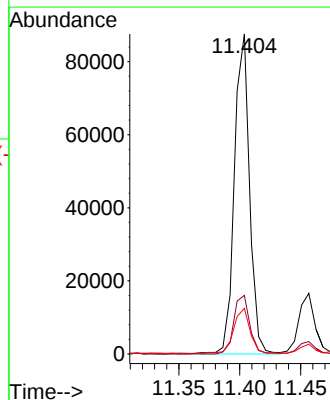
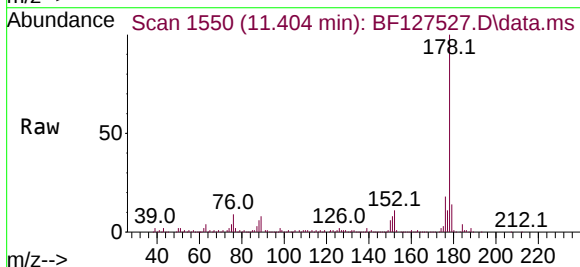
Instrument :
BNA_F
ClientSampleId :
WC-20220322

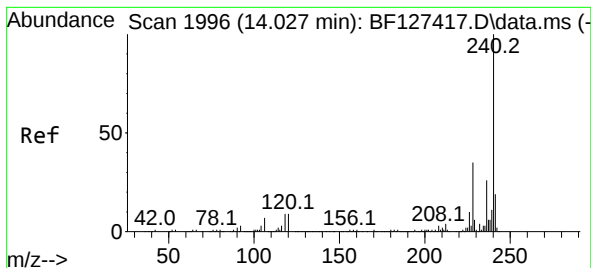
Tgt Ion:248 Resp: 18008
Ion Ratio Lower Upper
248 100
250 193.5 76.6 115.0#
141 493.7 52.2 78.2#



#71
Phenanthrene
Concen: 4.013 ng
RT: 11.404 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF127527.D
Acq: 25 Mar 2022 15:50

Tgt Ion:178 Resp: 76013
Ion Ratio Lower Upper
178 100
176 18.3 15.4 23.2
179 14.3 12.4 18.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 1996

Delta R.T. -0.000 min

Lab File: BF127527.D

Acq: 25 Mar 2022 15:50

Instrument :

BNA_F

ClientSampleId :

WC-20220322

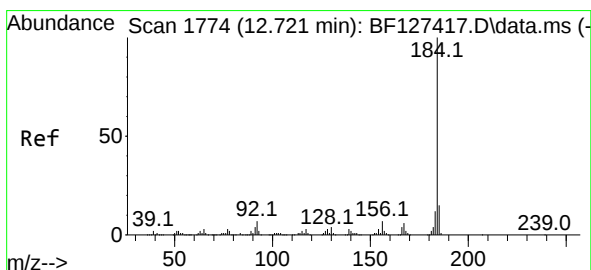
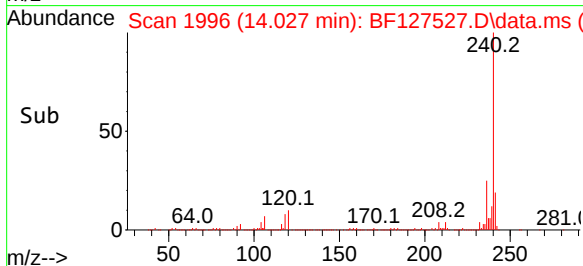
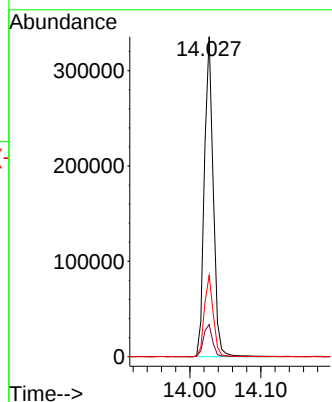
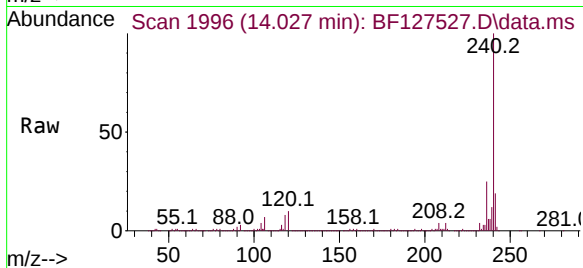
Tgt Ion:240 Resp: 292256

Ion Ratio Lower Upper

240 100

120 10.0 7.1 10.7

236 25.4 20.7 31.1



#77

Benzidine

Concen: 2.419 ng

RT: 12.963 min Scan# 1815

Delta R.T. 0.241 min

Lab File: BF127527.D

Acq: 25 Mar 2022 15:50

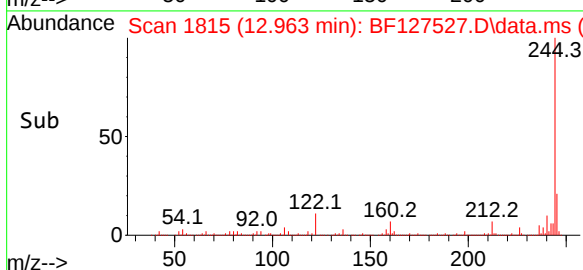
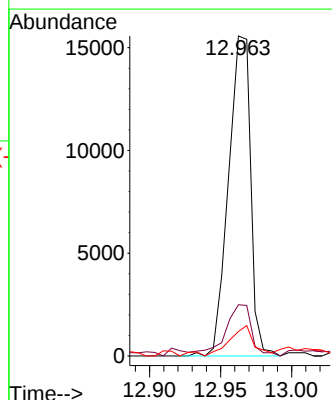
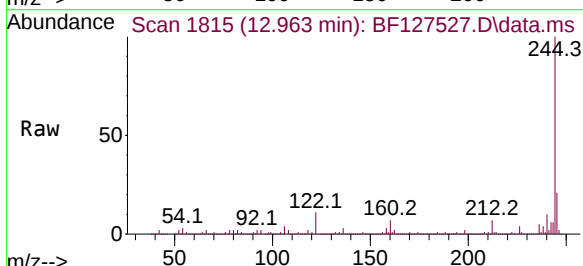
Tgt Ion:184 Resp: 16860

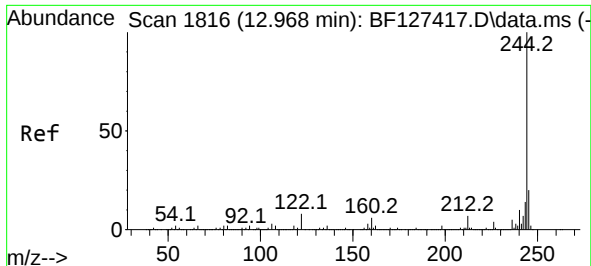
Ion Ratio Lower Upper

184 100

185 16.0 12.2 18.2

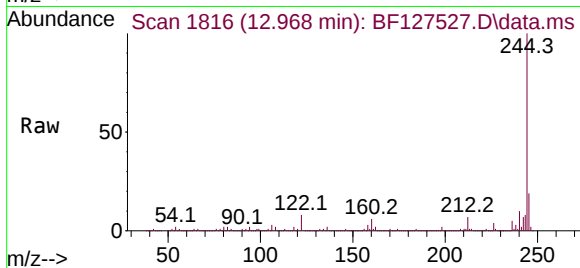
183 7.7 9.4 14.0#



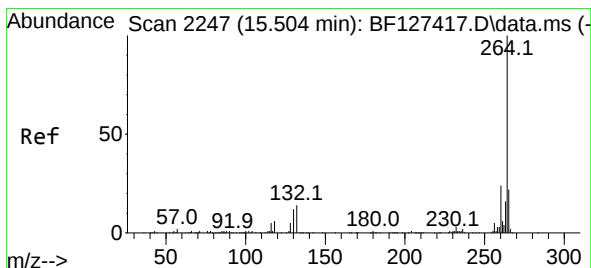
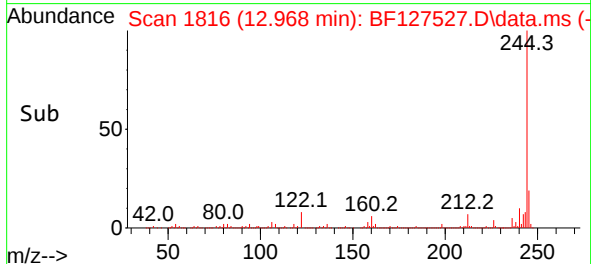
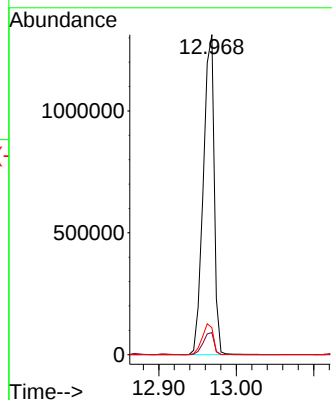


#79
 Terphenyl-d14
 Concen: 71.710 ng
 RT: 12.968 min Scan# 1816
 Delta R.T. -0.000 min
 Lab File: BF127527.D
 Acq: 25 Mar 2022 15:50

Instrument :
 BNA_F
 ClientSampleId :
 WC-20220322



Tgt Ion:244 Resp: 1280231
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 8.5 6.2 9.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.509 min Scan# 2248
 Delta R.T. 0.006 min
 Lab File: BF127527.D
 Acq: 25 Mar 2022 15:50

Tgt Ion:264 Resp: 204371
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.1 28.7
 265 21.6 17.4 26.2

