

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032222\
 Data File : BF127459.D
 Acq On : 22 Mar 2022 18:48
 Operator : CG\JU
 Sample : N1908-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-8-9-3

Quant Time: Mar 23 03:02:06 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)

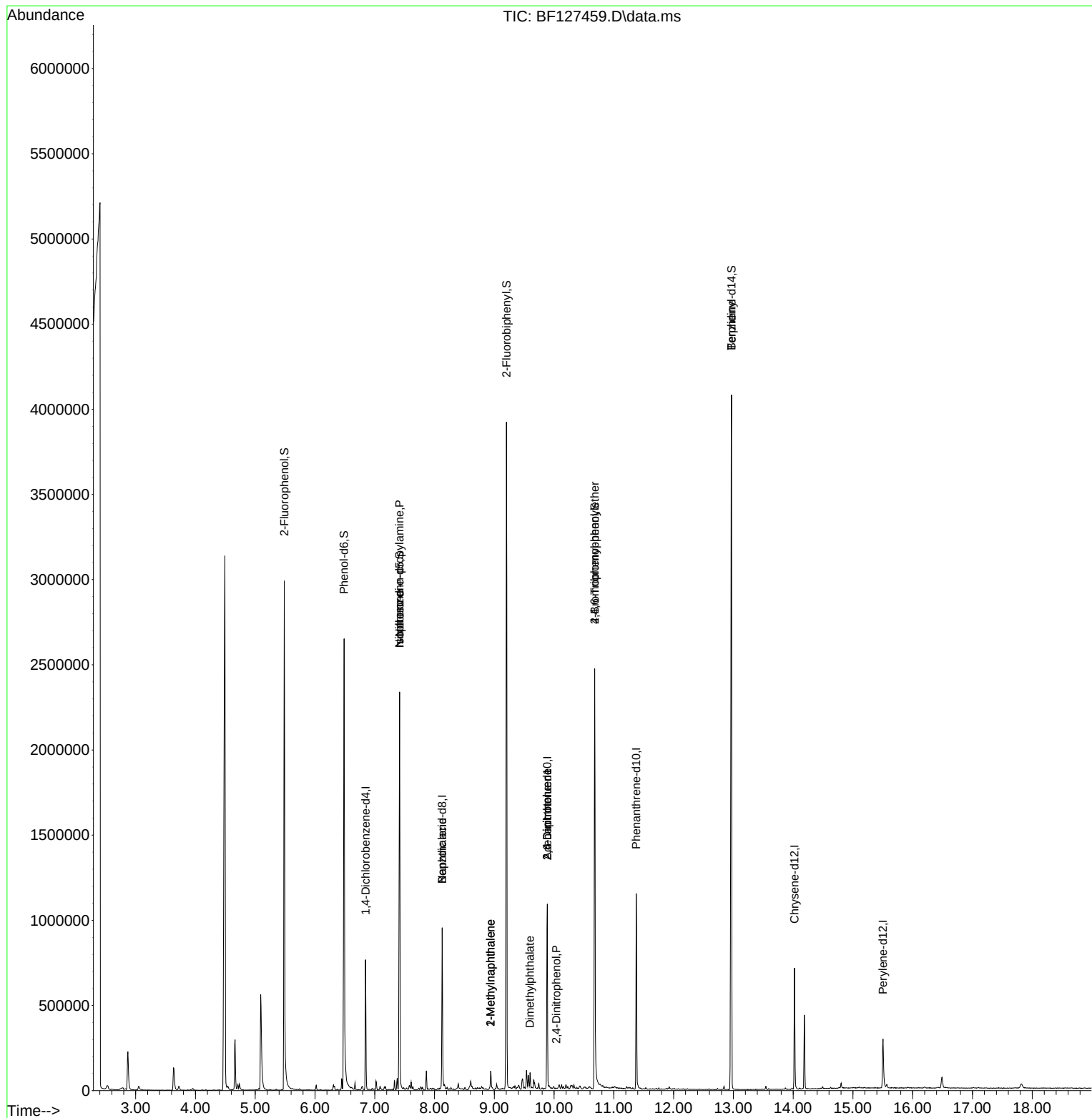
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	98070	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	369958	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	213924	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	407303	20.000	ng	0.00
76) Chrysene-d12	14.021	240	234737	20.000	ng	0.00
86) Perylene-d12	15.504	264	115509	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	758635	123.478	ng	0.02
7) Phenol-d6	6.487	99	956587	113.904	ng	0.00
23) Nitrobenzene-d5	7.416	82	765834	88.486	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	333126	146.182	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1302752	88.925	ng	0.00
79) Terphenyl-d14	12.968	244	1620376	113.003	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.381	77	65	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	103629	20.586	ng	# 80
25) Isophorone	7.416	82	765825	55.556	ng	# 70
32) Benzoic acid	8.128	122	55	6.058	ng	# 1
37) 2-Methylnaphthalene	8.939	142	25737	2.038	ng	92
38) 1-Methylnaphthalene	8.939	142	25737	2.061	ng	97
50) Dimethylphthalate	9.598	163	33876	2.276	ng	99
51) 2,6-Dinitrotoluene	9.886	165	28211	9.030	ng	# 17
54) 2,4-Dinitrophenol	10.039	184	174	8.799	ng	# 15
55) Dibenzofuran	10.092	168	2972	Below Cal	#	93
57) 2,4-Dinitrotoluene	9.886	165	28211	7.016	ng	# 14
58) Fluorene	10.439	166	4553	Below Cal	#	92
67) 4-Bromophenyl-phenylether	10.680	248	21448	4.510	ng	# 1
77) Benzidine	12.968	184	19970	3.568	ng	# 93

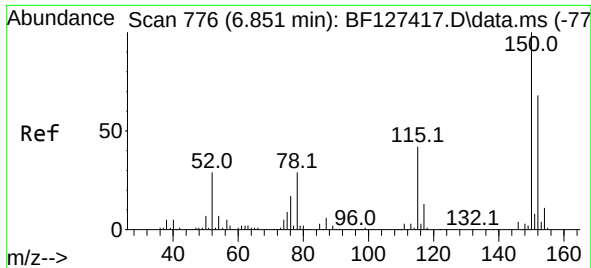
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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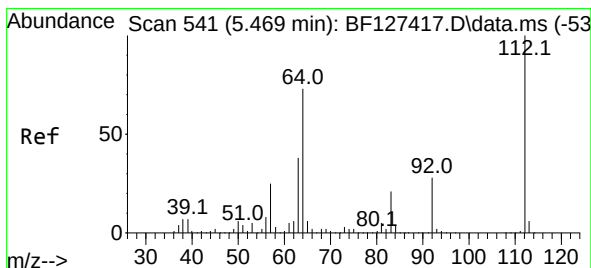
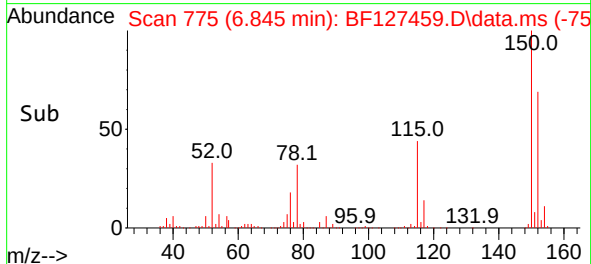
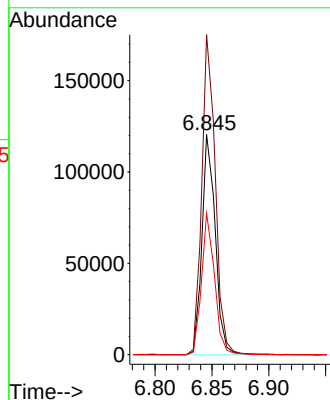
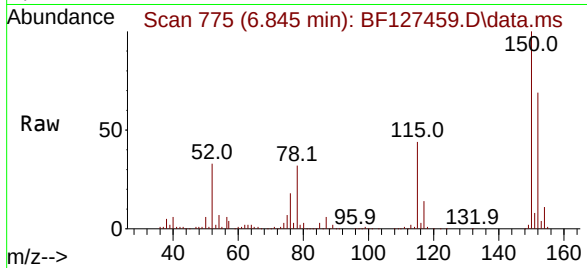




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: BF127459.D
 Acq: 22 Mar 2022 18:48

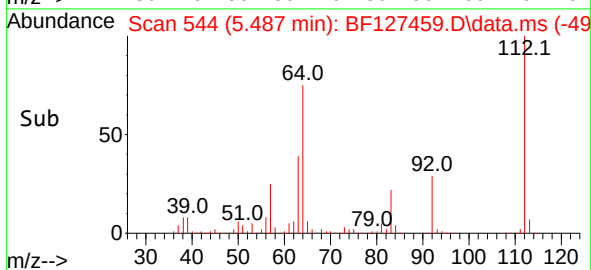
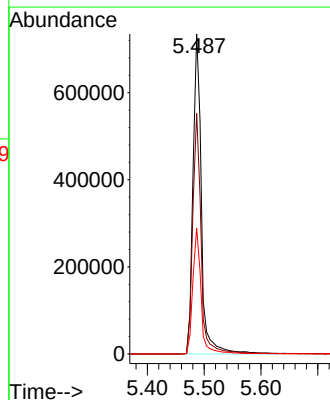
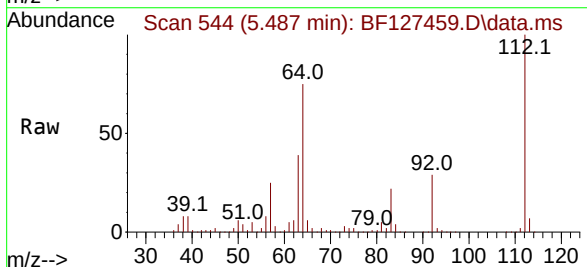
Instrument :
 BNA_F
 ClientSampleId :
 WC-8-9-3

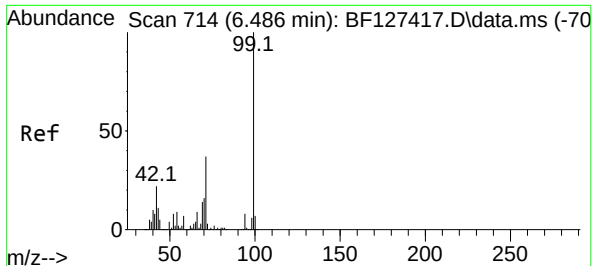
Tgt Ion:152 Resp: 98070
 Ion Ratio Lower Upper
 152 100
 150 145.3 117.2 175.8
 115 64.3 49.8 74.6



#5
 2-Fluorophenol
 Concen: 123.478 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.018 min
 Lab File: BF127459.D
 Acq: 22 Mar 2022 18:48

Tgt Ion:112 Resp: 758635
 Ion Ratio Lower Upper
 112 100
 64 75.1 58.4 87.6
 63 39.4 30.1 45.1





#7

Phenol-d6

Concen: 113.904 ng

RT: 6.487 min Scan# 714

Delta R.T. 0.000 min

Lab File: BF127459.D

Acq: 22 Mar 2022 18:48

Instrument :

BNA_F

ClientSampleId :

WC-8-9-3

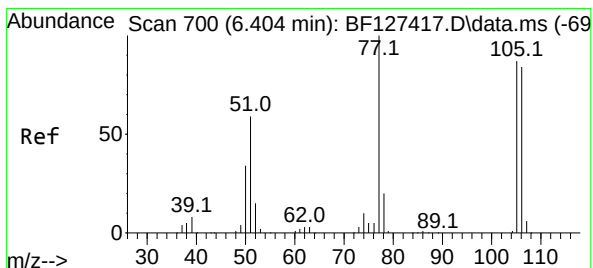
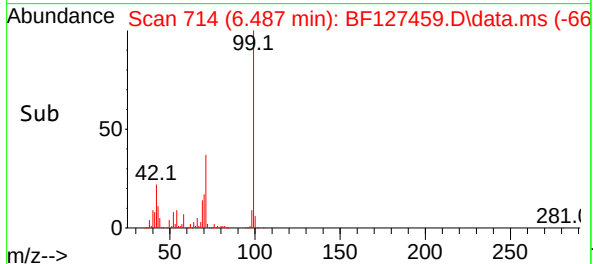
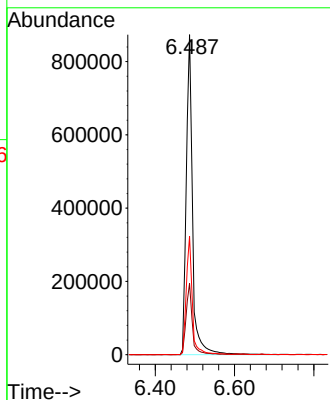
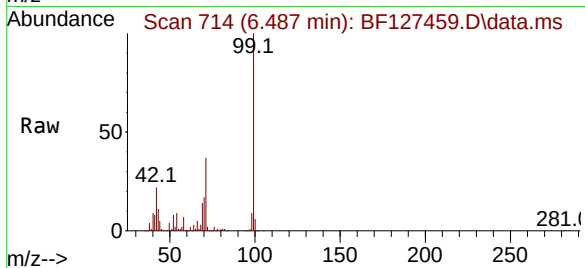
Tgt Ion: 99 Resp: 956587

Ion Ratio Lower Upper

99 100

42 22.3 17.8 26.6

71 37.0 29.6 44.4



#9

Benzaldehyde

Concen: Below Cal

RT: 6.381 min Scan# 696

Delta R.T. -0.023 min

Lab File: BF127459.D

Acq: 22 Mar 2022 18:48

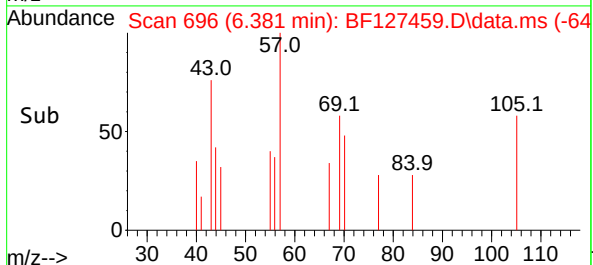
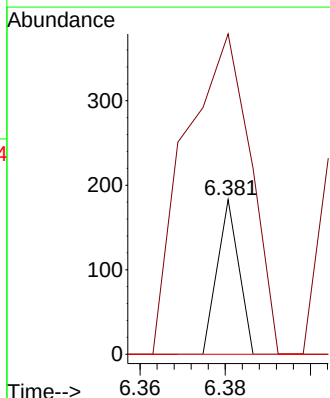
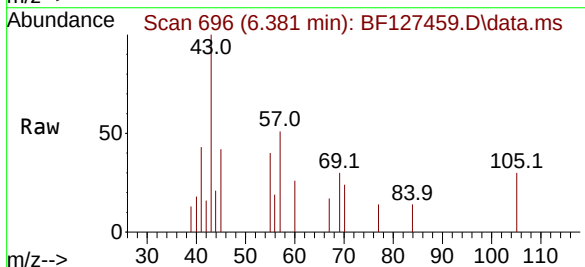
Tgt Ion: 77 Resp: 65

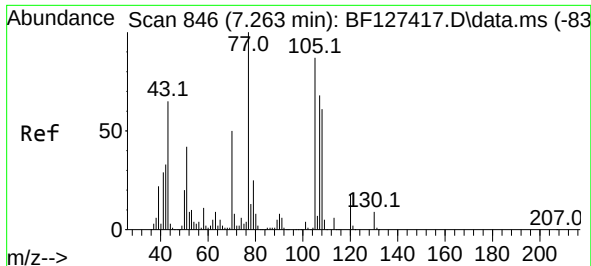
Ion Ratio Lower Upper

77 100

105 207.1 66.8 106.8#

106 0.0 64.3 104.3#

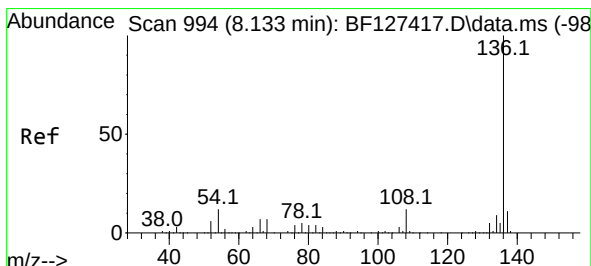
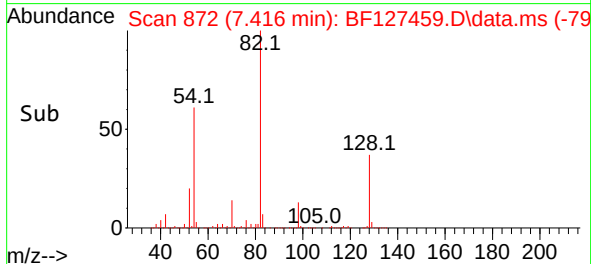
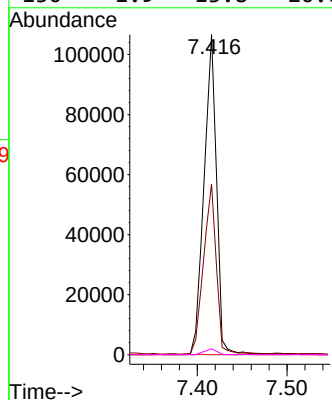
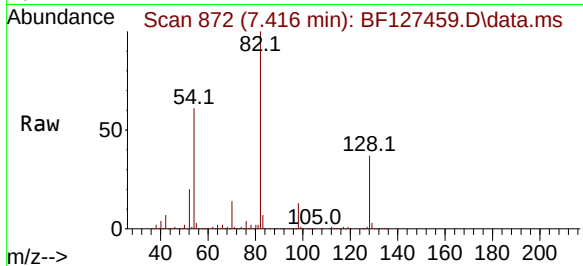




#19
n-Nitroso-di-n-propylamine
Concen: 20.586 ng
RT: 7.416 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127459.D
Acq: 22 Mar 2022 18:48

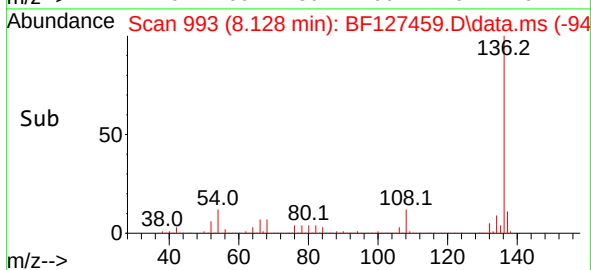
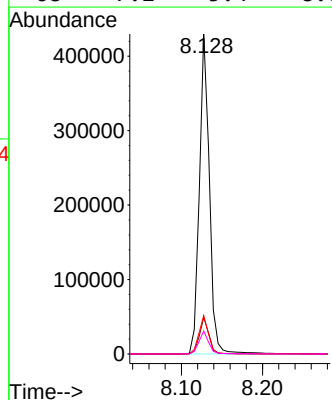
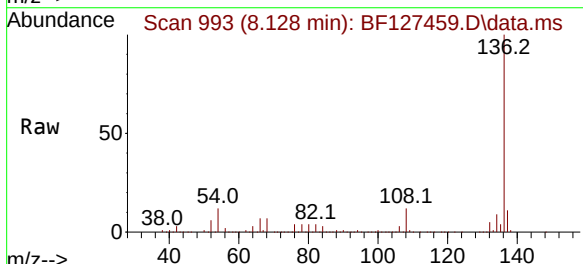
Instrument :
BNA_F
ClientSampleId :
WC-8-9-3

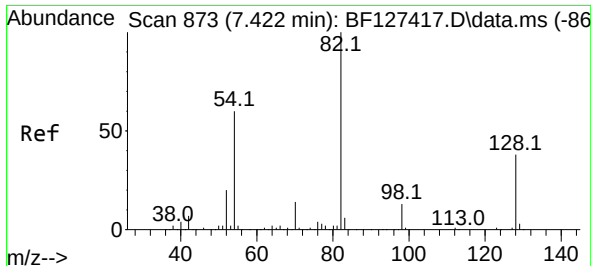
Tgt Ion: 70 Resp: 103629
Ion Ratio Lower Upper
70 100
42 53.4 53.0 79.6
101 0.0 6.8 10.2#
130 1.9 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127459.D
Acq: 22 Mar 2022 18:48

Tgt Ion: 136 Resp: 369958
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 12.0 9.2 13.8
68 7.2 5.4 8.0





#23

Nitrobenzene-d5

Concen: 88.486 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127459.D

Acq: 22 Mar 2022 18:48

Instrument :

BNA_F

ClientSampleId :

WC-8-9-3

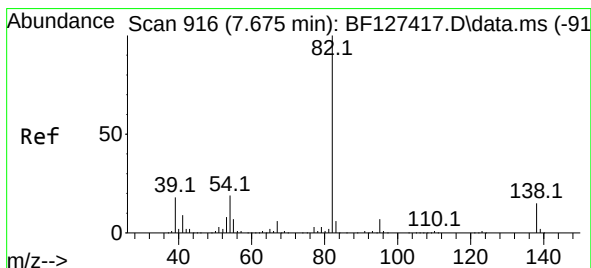
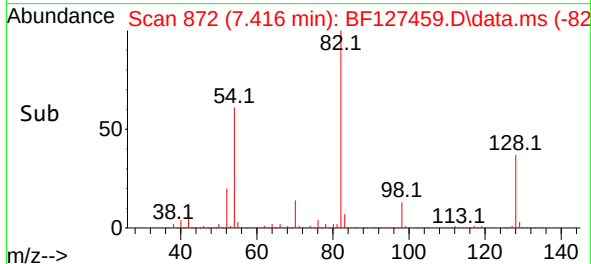
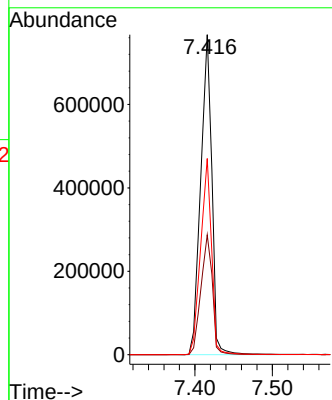
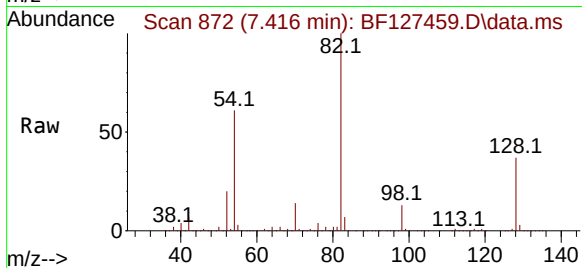
Tgt Ion: 82 Resp: 765834

Ion Ratio Lower Upper

82 100

128 37.5 30.6 45.8

54 61.3 48.2 72.2



#25

Isophorone

Concen: 55.556 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127459.D

Acq: 22 Mar 2022 18:48

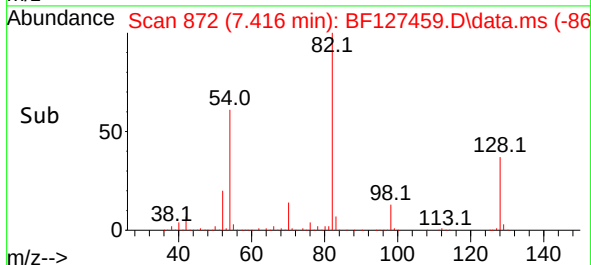
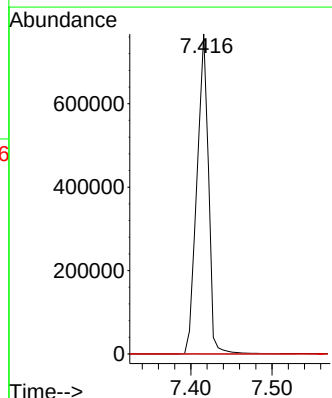
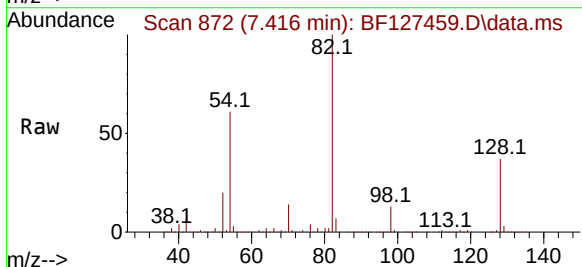
Tgt Ion: 82 Resp: 765825

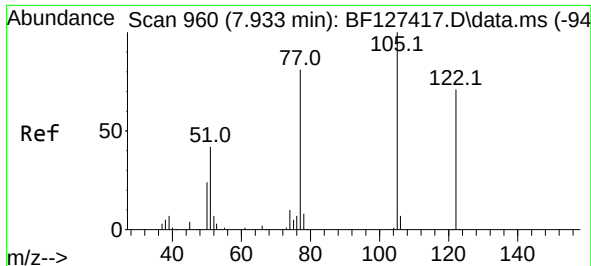
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

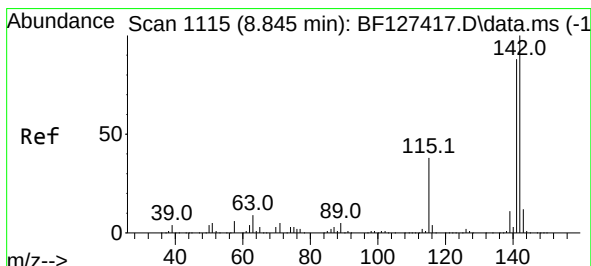
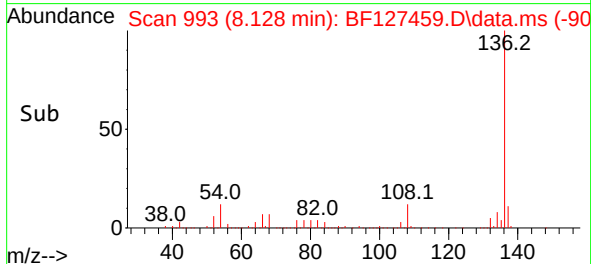
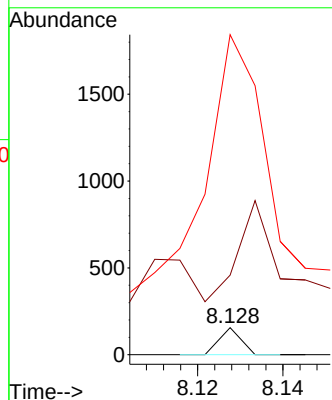
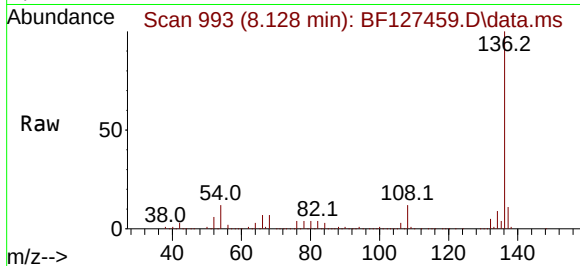




#32
Benzoic acid
Concen: 6.058 ng
RT: 8.128 min Scan# 91
Delta R.T. 0.195 min
Lab File: BF127459.D
Acq: 22 Mar 2022 18:48

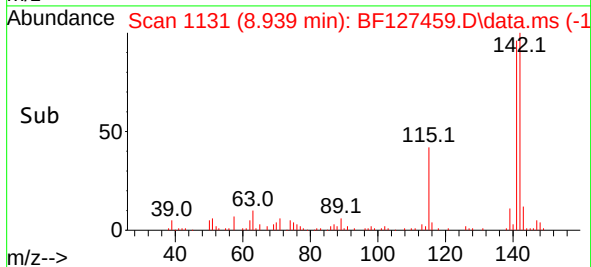
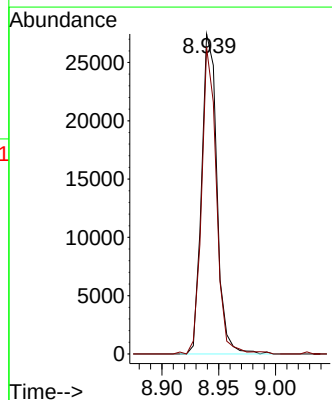
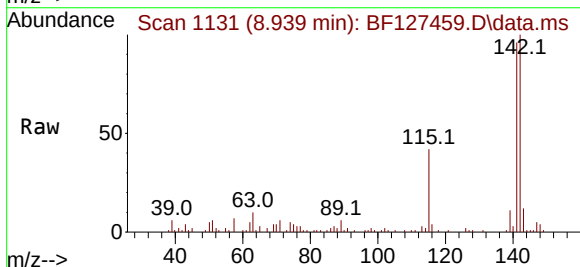
Instrument :
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WC-8-9-3

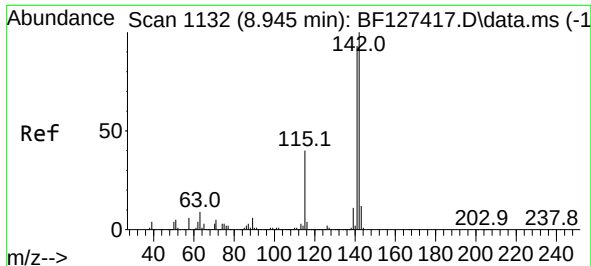
Tgt Ion:122 Resp: 55
Ion Ratio Lower Upper
122 100
105 293.6 117.1 157.1#
77 1181.4 93.0 133.0#



#37
2-Methylnaphthalene
Concen: 2.038 ng
RT: 8.939 min Scan# 1131
Delta R.T. 0.094 min
Lab File: BF127459.D
Acq: 22 Mar 2022 18:48

Tgt Ion:142 Resp: 25737
Ion Ratio Lower Upper
142 100
141 95.8 70.6 106.0

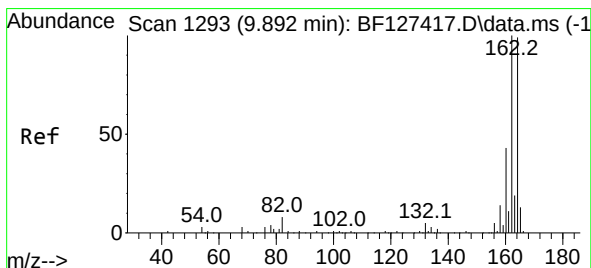
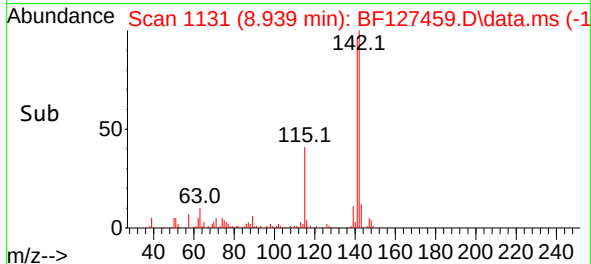
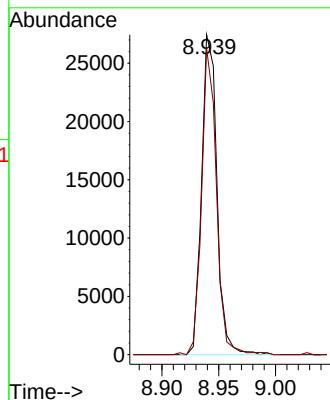
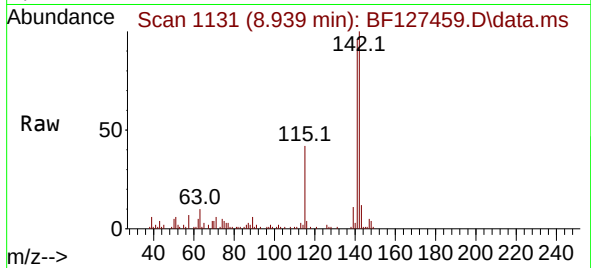




#38
1-Methylnaphthalene
Concen: 2.061 ng
RT: 8.939 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BF127459.D
Acq: 22 Mar 2022 18:48

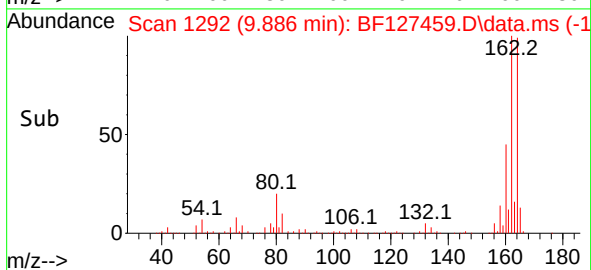
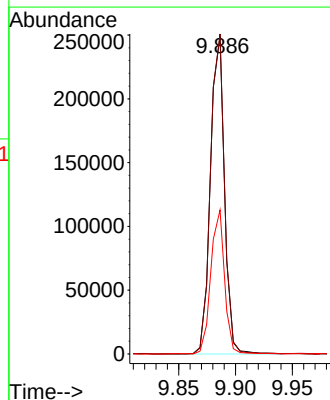
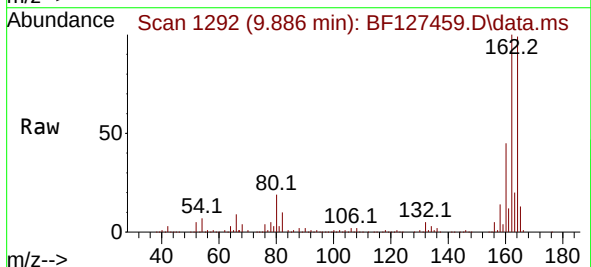
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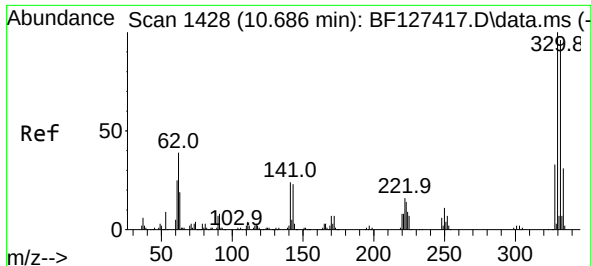
Tgt Ion:142 Resp: 25737
Ion Ratio Lower Upper
142 100
141 95.8 74.2 111.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127459.D
Acq: 22 Mar 2022 18:48

Tgt Ion:164 Resp: 213924
Ion Ratio Lower Upper
164 100
162 100.7 81.2 121.8
160 45.3 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 146.182 ng

RT: 10.680 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127459.D

Acq: 22 Mar 2022 18:48

Instrument :

BNA_F

ClientSampleId :

WC-8-9-3

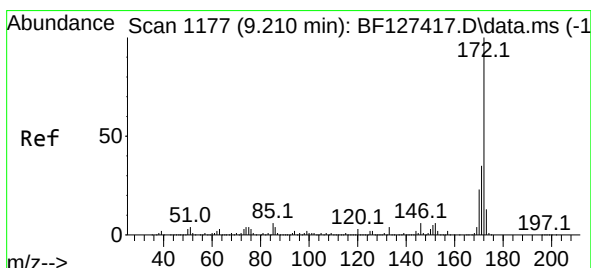
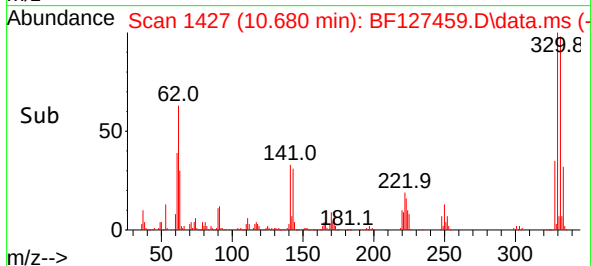
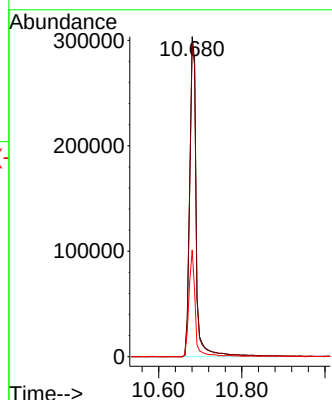
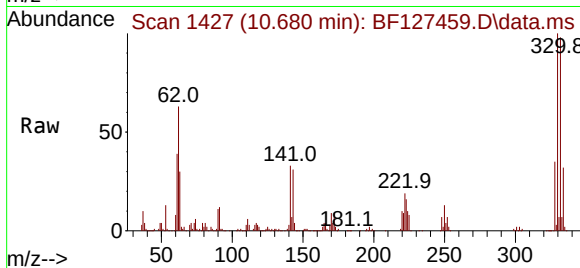
Tgt Ion:330 Resp: 333126

Ion Ratio Lower Upper

330 100

332 95.8 79.1 118.7

141 31.4 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 88.925 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127459.D

Acq: 22 Mar 2022 18:48

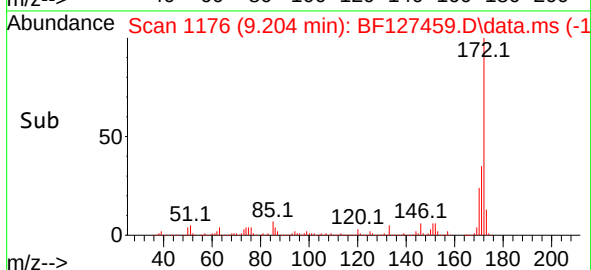
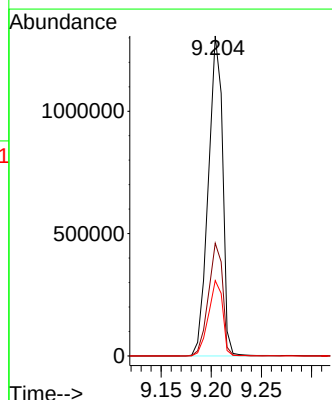
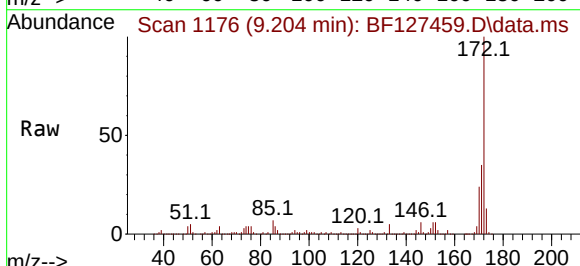
Tgt Ion:172 Resp: 1302752

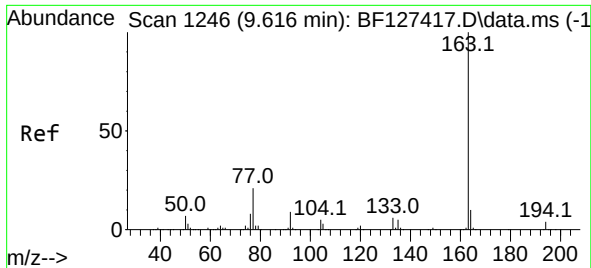
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.5 18.6 27.8

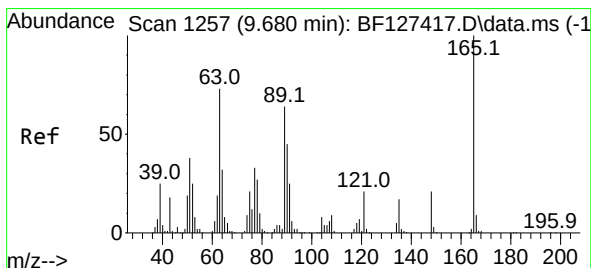
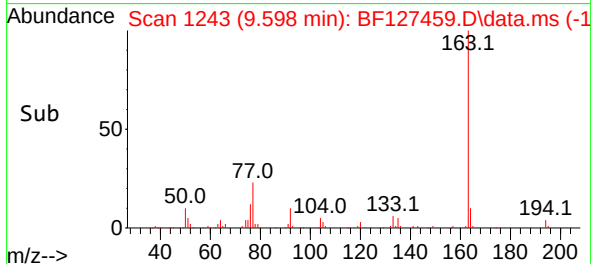
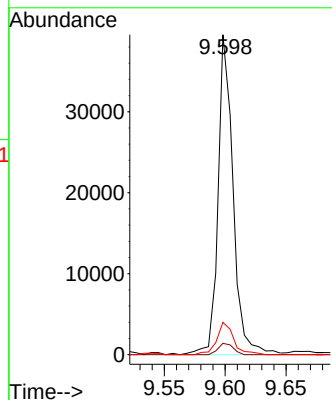
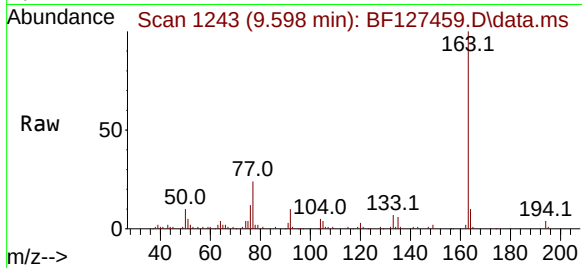




#50
Dimethylphthalate
Concen: 2.276 ng
RT: 9.598 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF127459.D
Acq: 22 Mar 2022 18:48

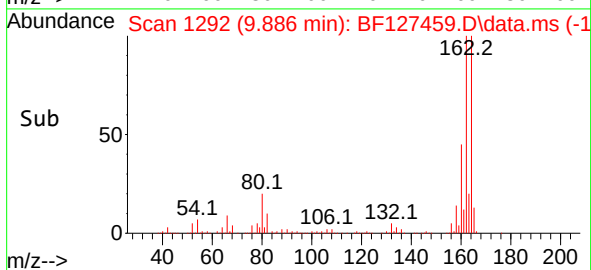
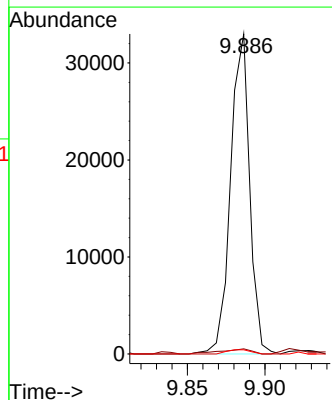
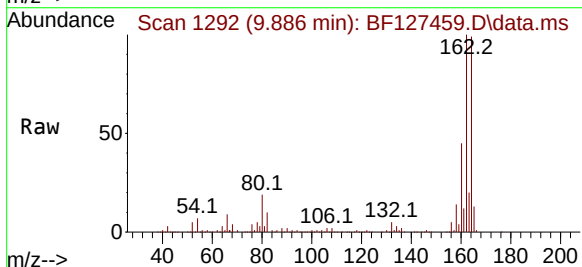
Instrument :
BNA_F
ClientSampleId :
WC-8-9-3

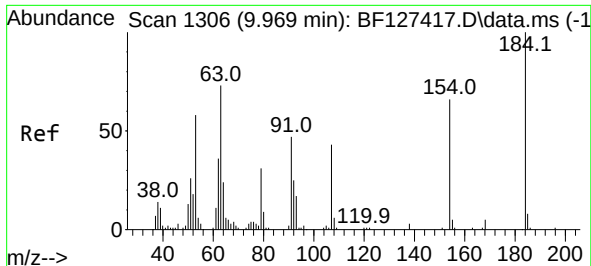
Tgt Ion:163 Resp: 33876
Ion Ratio Lower Upper
163 100
194 3.5 3.3 4.9
164 10.1 7.8 11.8



#51
2,6-Dinitrotoluene
Concen: 9.030 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.206 min
Lab File: BF127459.D
Acq: 22 Mar 2022 18:48

Tgt Ion:165 Resp: 28211
Ion Ratio Lower Upper
165 100
63 1.6 58.3 87.5#
89 1.3 51.5 77.3#

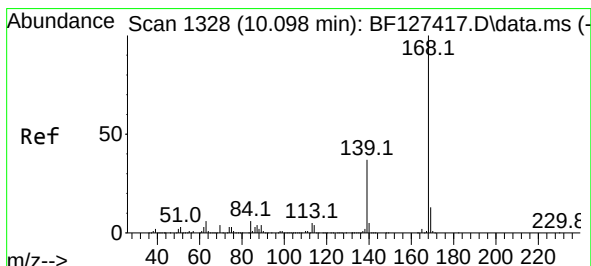
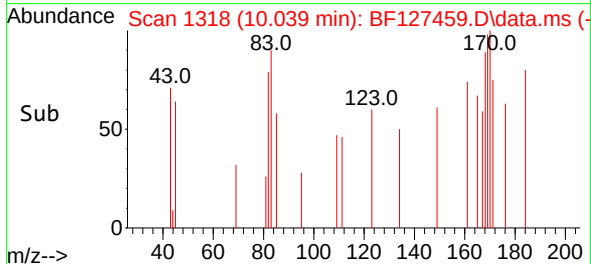
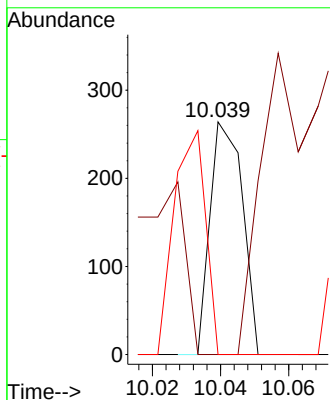
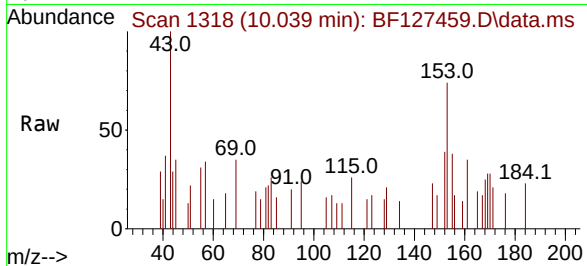




#54
2,4-Dinitrophenol
Concen: 8.799 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.070 min
Lab File: BF127459.D
Acq: 22 Mar 2022 18:48

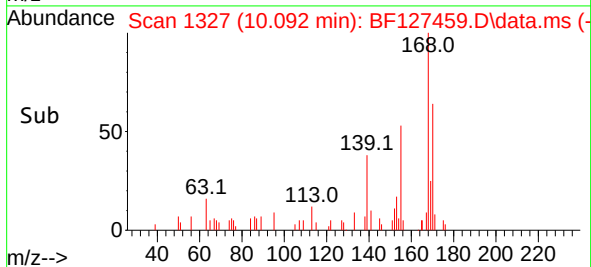
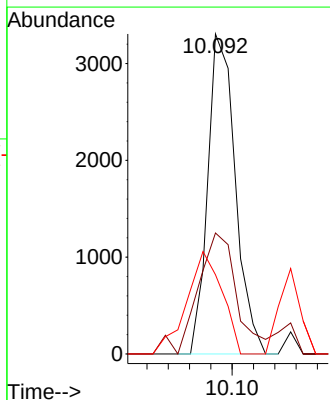
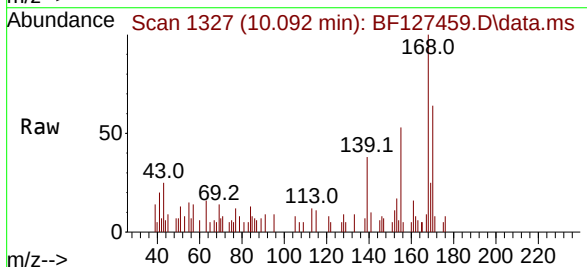
Instrument :
BNA_F
ClientSampleId :
WC-8-9-3

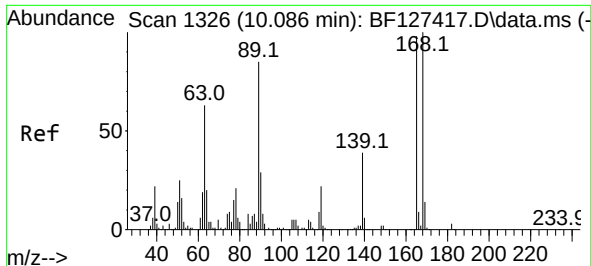
Tgt Ion:184 Resp: 174
Ion Ratio Lower Upper
184 100
63 0.0 58.1 87.1#
154 0.0 53.2 79.8#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.092 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF127459.D
Acq: 22 Mar 2022 18:48

Tgt Ion:168 Resp: 2972
Ion Ratio Lower Upper
168 100
139 37.8 30.3 45.5
169 24.8 10.8 16.2#

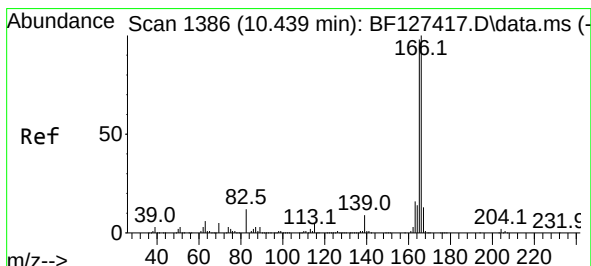
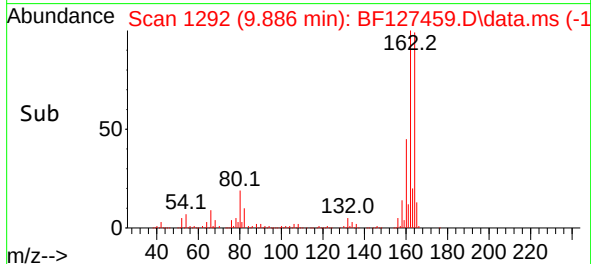
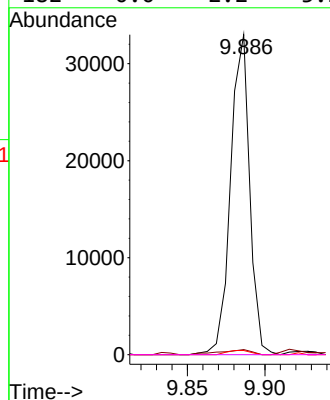
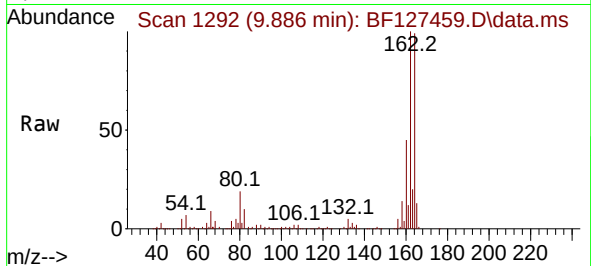




#57
2,4-Dinitrotoluene
Concen: 7.016 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127459.D
Acq: 22 Mar 2022 18:48

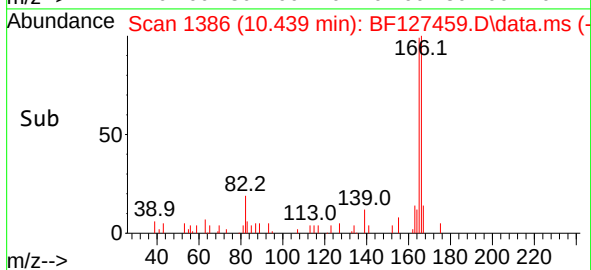
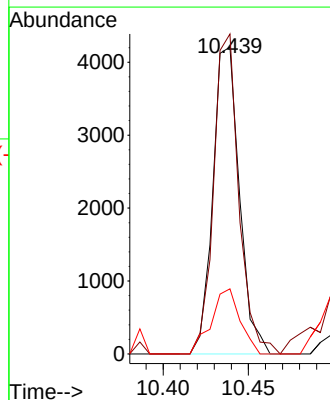
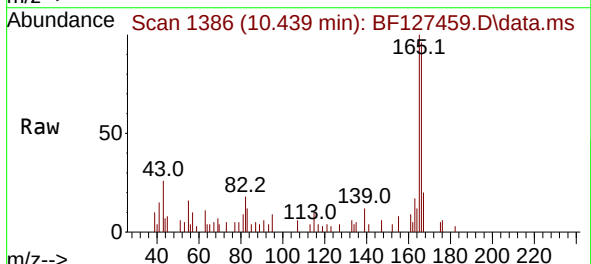
Instrument :
BNA_F
ClientSampleId :
WC-8-9-3

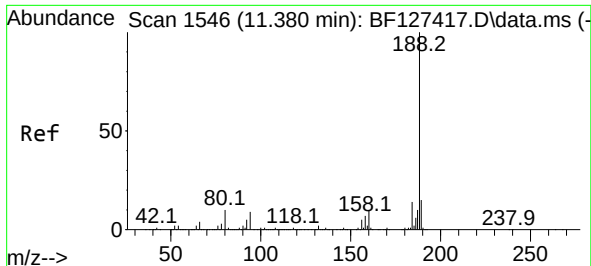
Tgt Ion:165 Resp: 28211
Ion Ratio Lower Upper
165 100
63 1.6 53.1 79.7#
89 1.3 69.2 103.8#
182 0.0 2.2 3.2#



#58
Fluorene
Concen: Below Cal
RT: 10.439 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF127459.D
Acq: 22 Mar 2022 18:48

Tgt Ion:166 Resp: 4553
Ion Ratio Lower Upper
166 100
165 104.3 78.1 117.1
167 21.2 10.5 15.7#

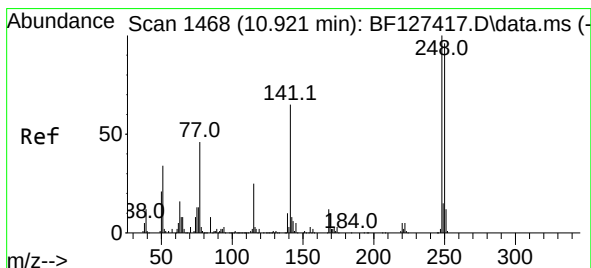
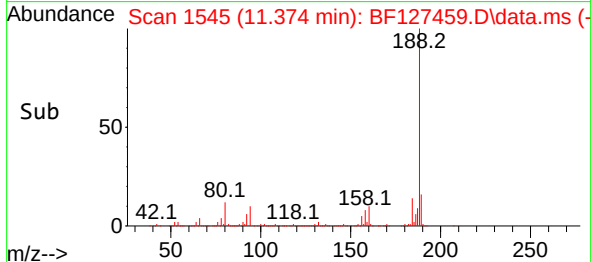
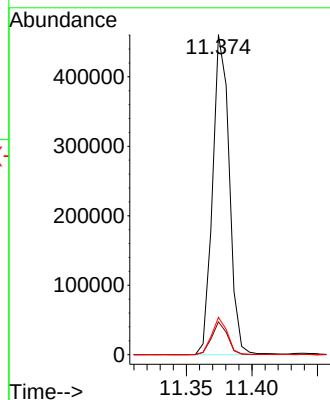
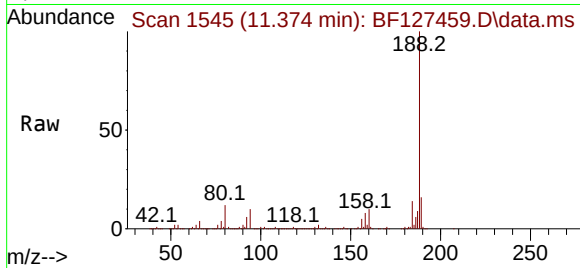




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127459.D
Acq: 22 Mar 2022 18:48

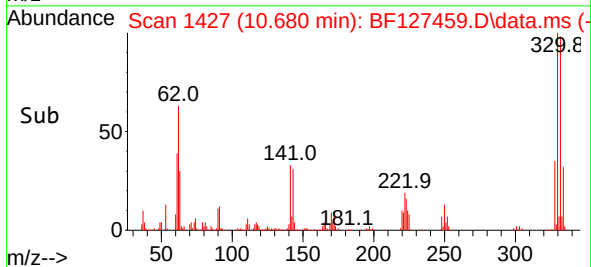
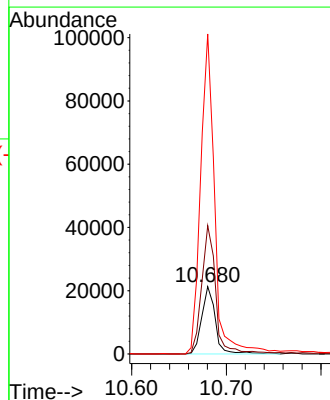
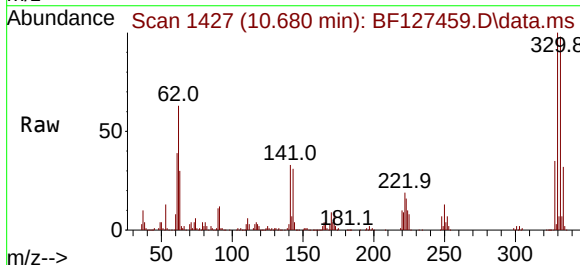
Instrument :
BNA_F
ClientSampleId :
WC-8-9-3

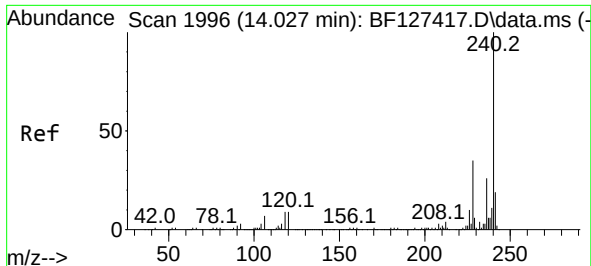
Tgt Ion:188 Resp: 407303
Ion Ratio Lower Upper
188 100
94 10.3 7.4 11.0
80 11.7 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 4.510 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.241 min
Lab File: BF127459.D
Acq: 22 Mar 2022 18:48

Tgt Ion:248 Resp: 21448
Ion Ratio Lower Upper
248 100
250 190.4 76.6 115.0#
141 474.7 52.2 78.2#

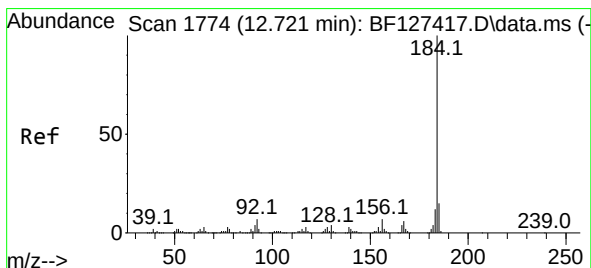
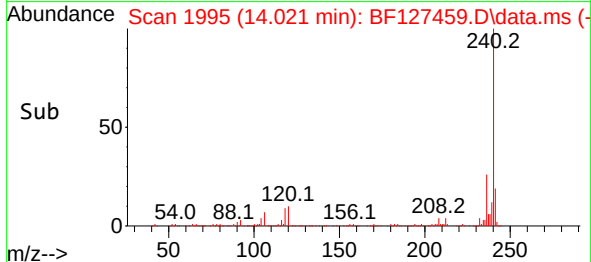
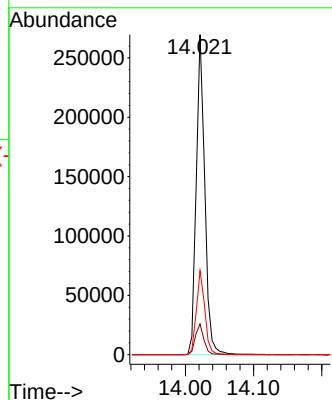
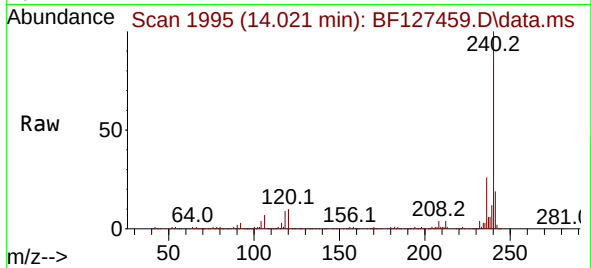




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1816
Delta R.T. -0.006 min
Lab File: BF127459.D
Acq: 22 Mar 2022 18:48

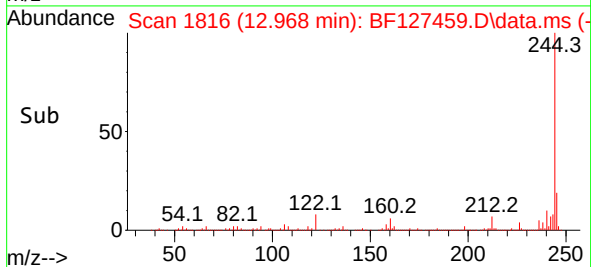
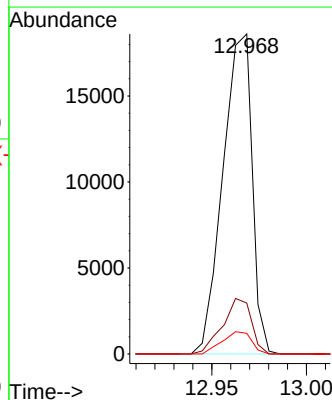
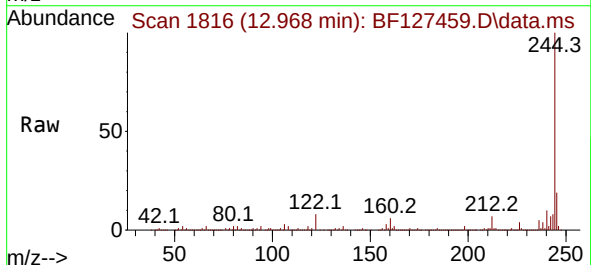
Instrument :
BNA_F
ClientSampleId :
WC-8-9-3

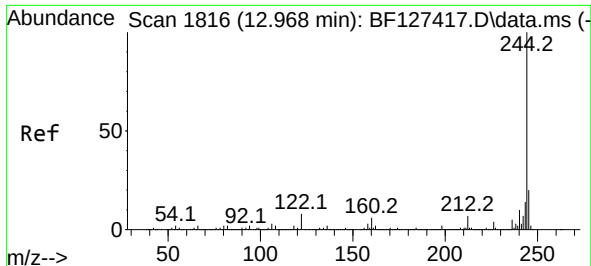
Tgt Ion:240 Resp: 234737
Ion Ratio Lower Upper
240 100
120 9.6 7.1 10.7
236 26.2 20.7 31.1



#77
Benzidine
Concen: 3.568 ng
RT: 12.968 min Scan# 1816
Delta R.T. 0.247 min
Lab File: BF127459.D
Acq: 22 Mar 2022 18:48

Tgt Ion:184 Resp: 19970
Ion Ratio Lower Upper
184 100
185 15.9 12.2 18.2
183 6.5 9.4 14.0#

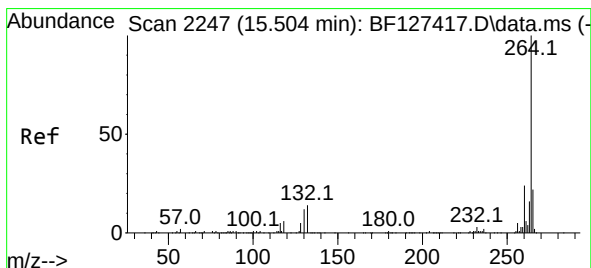
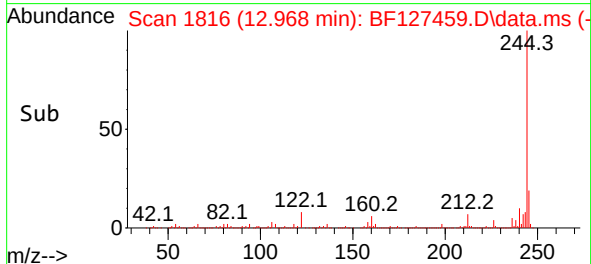
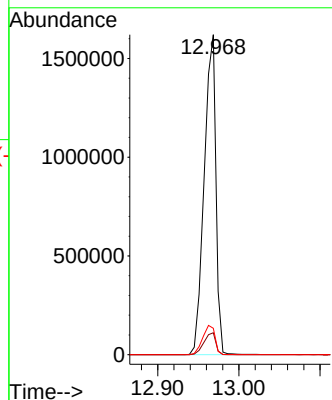
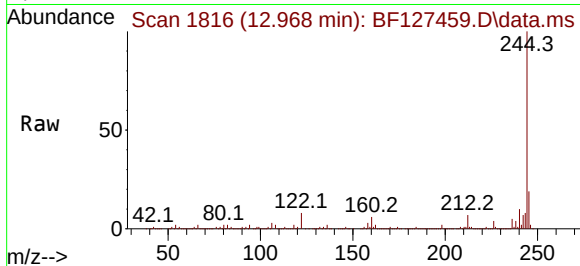




#79
 Terphenyl-d14
 Concen: 113.003 ng
 RT: 12.968 min Scan# 1816
 Delta R.T. 0.000 min
 Lab File: BF127459.D
 Acq: 22 Mar 2022 18:48

Instrument :
 BNA_F
 ClientSampleId :
 WC-8-9-3

Tgt Ion:244 Resp: 1620376
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.7 8.5
 122 8.3 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: BF127459.D
 Acq: 22 Mar 2022 18:48

Tgt Ion:264 Resp: 115509
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.1 28.7
 265 20.5 17.4 26.2

