

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032222\
 Data File : BF127458.D
 Acq On : 22 Mar 2022 18:18
 Operator : CG\JU
 Sample : N1905-18
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-4

Quant Time: Mar 23 03:01:59 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)

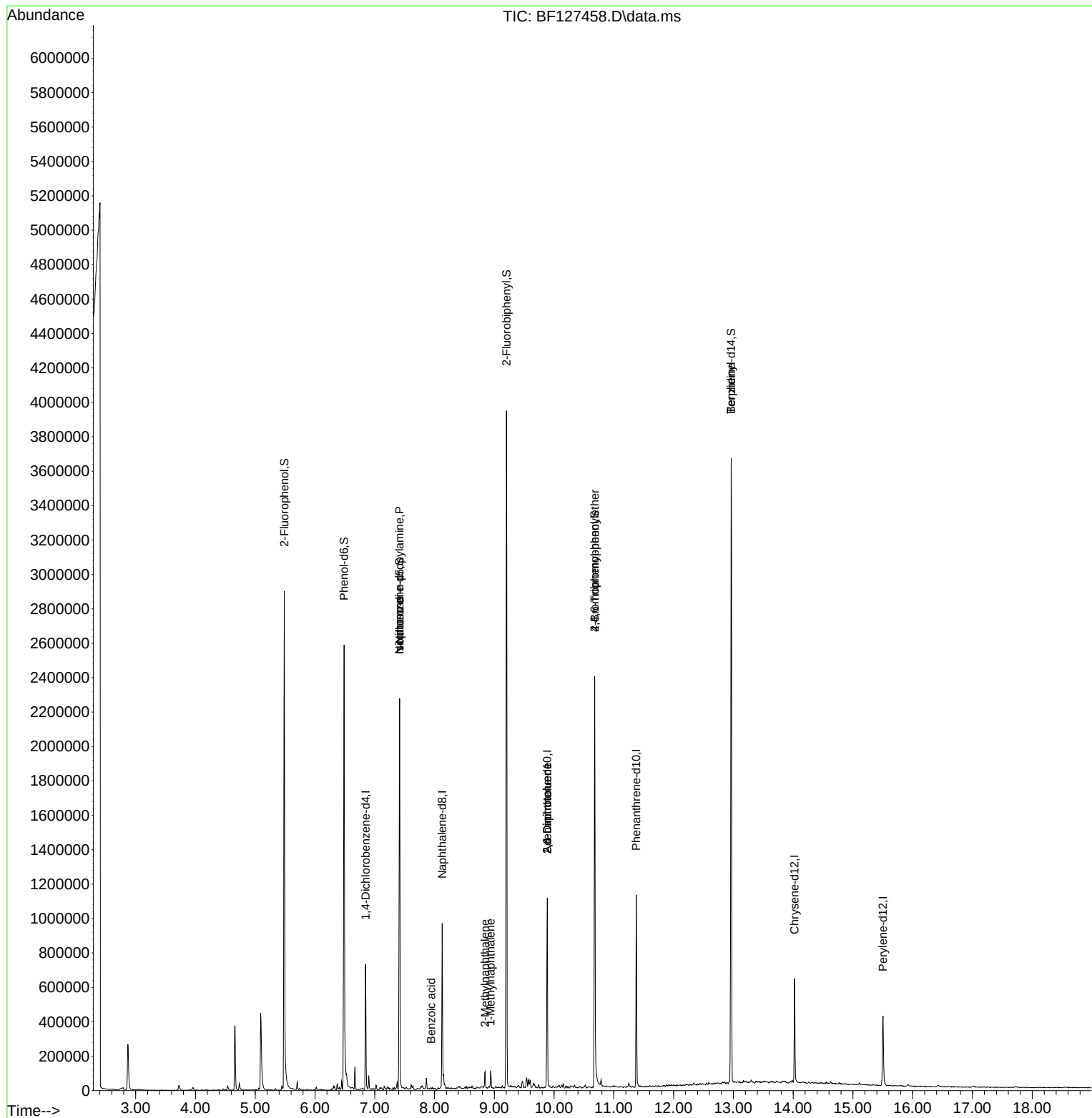
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	97343	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	364386	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	214805	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	384930	20.000	ng	0.00
76) Chrysene-d12	14.021	240	210956	20.000	ng	0.00
86) Perylene-d12	15.504	264	192760	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	738721	121.135	ng	0.02
7) Phenol-d6	6.487	99	917544	110.071	ng	0.00
23) Nitrobenzene-d5	7.416	82	756378	88.730	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	304112	132.903	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1279412	86.974	ng	0.00
79) Terphenyl-d14	12.963	244	1415476	109.841	ng	0.00
Target Compounds						
9) Benzaldehyde	6.404	77	643	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	7.416	70	104080	20.830	ng	# 78
25) Isophorone	7.416	82	756368	55.709	ng	# 70
32) Benzoic acid	7.945	122	75	6.065	ng	# 16
37) 2-Methylnaphthalene	8.845	142	25978	2.088	ng	99
38) 1-Methylnaphthalene	8.939	142	24747	2.012	ng	93
51) 2,6-Dinitrotoluene	9.886	165	27680	8.824	ng	# 17
55) Dibenzofuran	10.098	168	1638	Below Cal	#	85
57) 2,4-Dinitrotoluene	9.886	165	27680	6.856	ng	# 14
58) Fluorene	10.439	166	1994	Below Cal	#	88
67) 4-Bromophenyl-phenylether	10.680	248	20394	4.538	ng	# 1
77) Benzidine	12.963	184	18431	3.664	ng	# 94

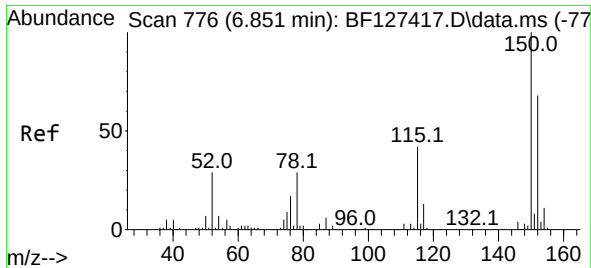
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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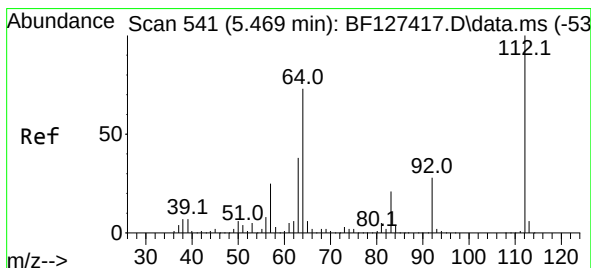
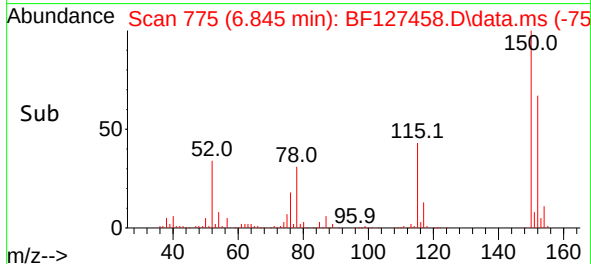
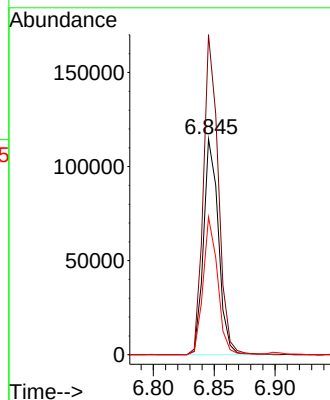
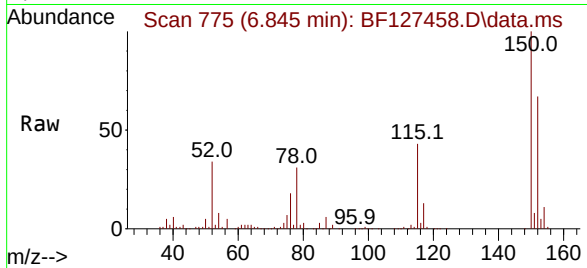




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 776
 Delta R.T. -0.006 min
 Lab File: BF127458.D
 Acq: 22 Mar 2022 18:18

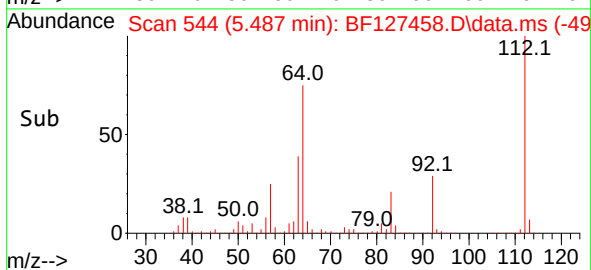
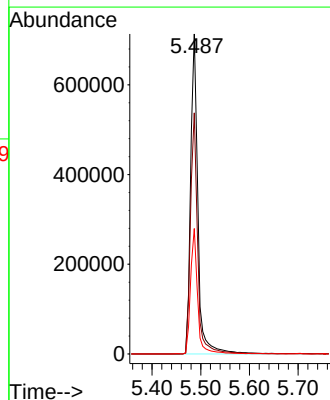
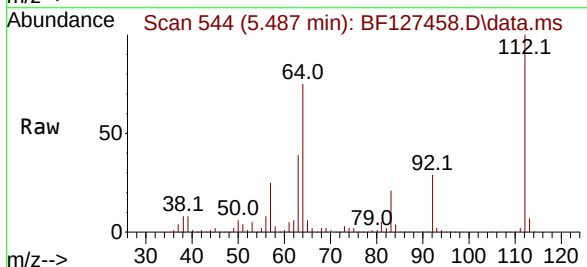
Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-4

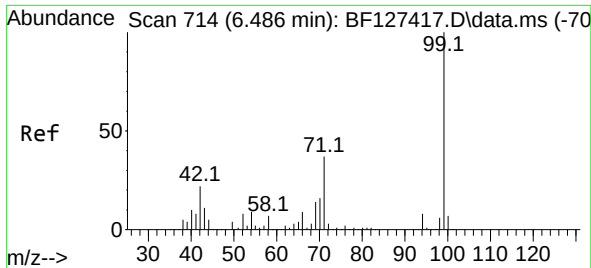
Tgt Ion:152 Resp: 97343
 Ion Ratio Lower Upper
 152 100
 150 148.4 117.2 175.8
 115 63.8 49.8 74.6



#5
 2-Fluorophenol
 Concen: 121.135 ng
 RT: 5.487 min Scan# 544
 Delta R.T. 0.018 min
 Lab File: BF127458.D
 Acq: 22 Mar 2022 18:18

Tgt Ion:112 Resp: 738721
 Ion Ratio Lower Upper
 112 100
 64 75.3 58.4 87.6
 63 39.2 30.1 45.1

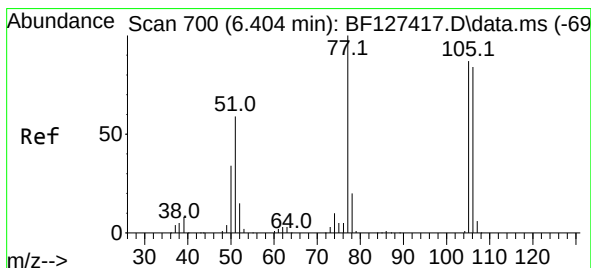
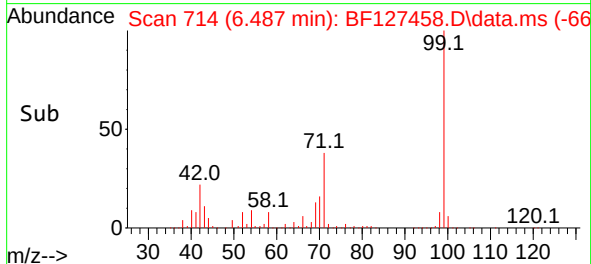
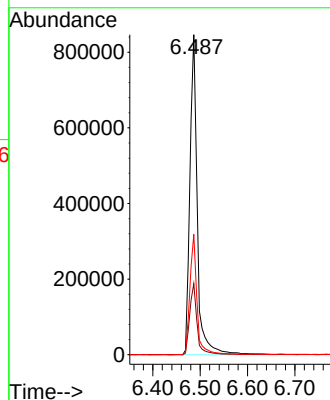
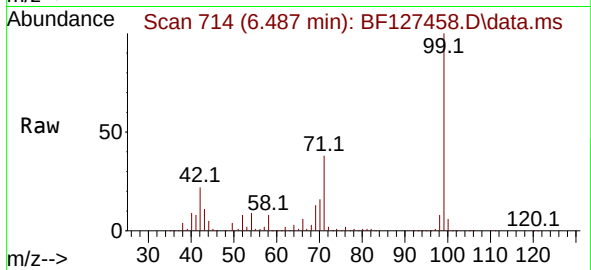




#7
Phenol-d6
Concen: 110.071 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127458.D
Acq: 22 Mar 2022 18:18

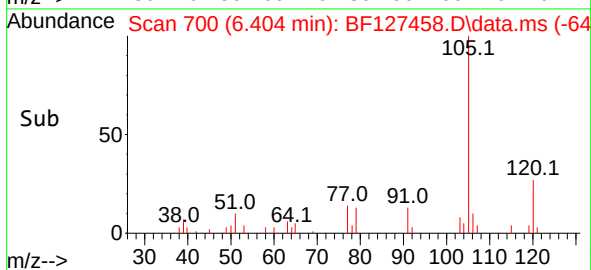
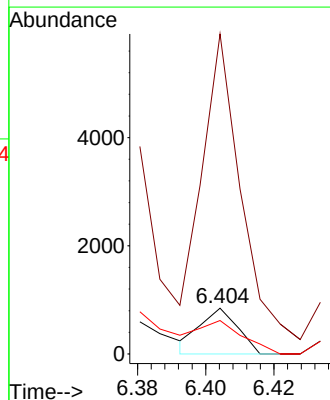
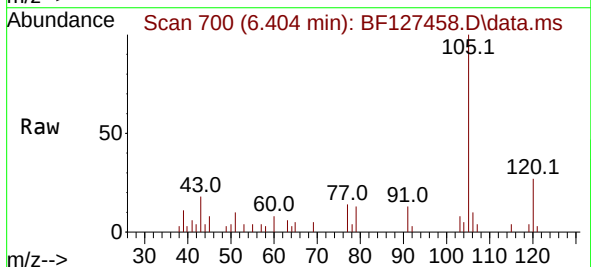
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4

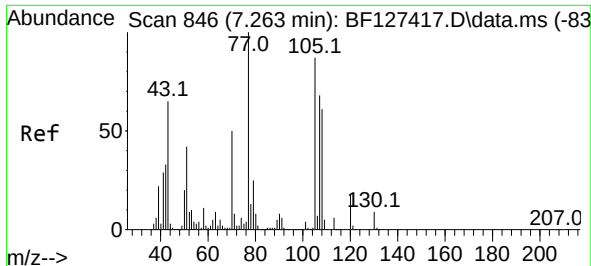
Tgt Ion: 99 Resp: 917544
Ion Ratio Lower Upper
99 100
42 22.2 17.8 26.6
71 37.6 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.404 min Scan# 700
Delta R.T. 0.000 min
Lab File: BF127458.D
Acq: 22 Mar 2022 18:18

Tgt Ion: 77 Resp: 643
Ion Ratio Lower Upper
77 100
105 699.3 66.8 106.8#
106 73.3 64.3 104.3

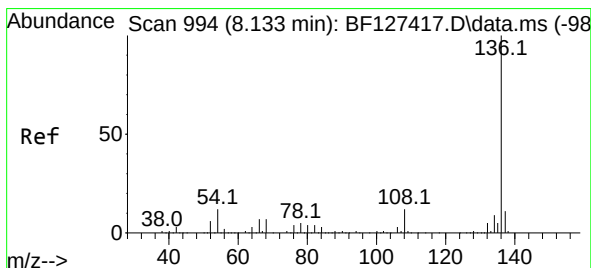
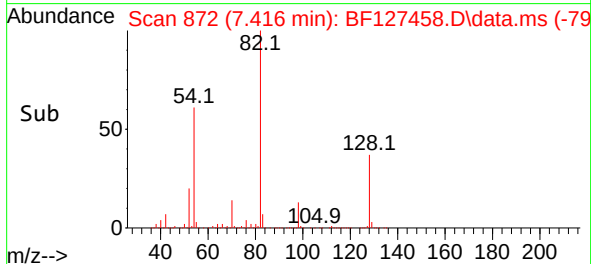
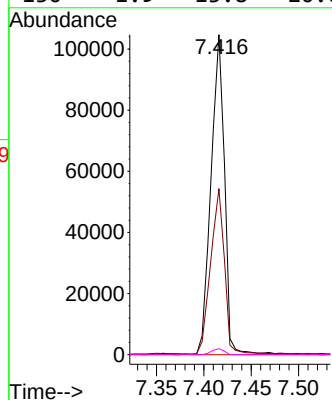
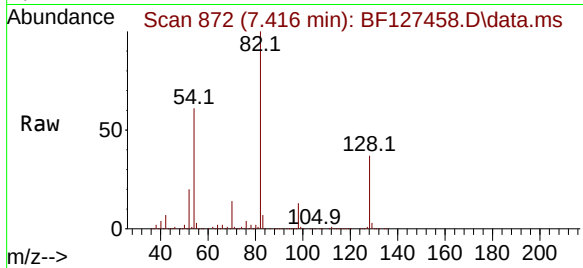




#19
n-Nitroso-di-n-propylamine
Concen: 20.830 ng
RT: 7.416 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127458.D
Acq: 22 Mar 2022 18:18

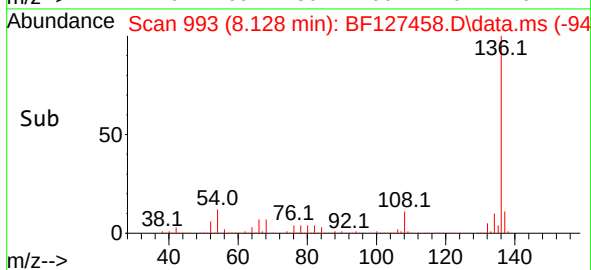
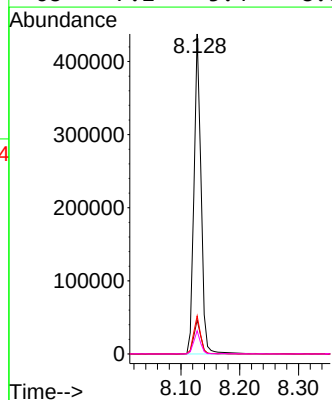
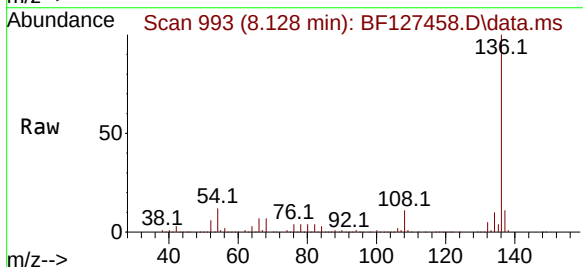
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4

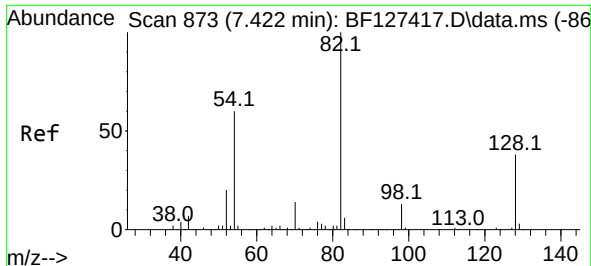
Tgt Ion: 70 Resp: 104080
Ion Ratio Lower Upper
70 100
42 51.9 53.0 79.6#
101 0.0 6.8 10.2#
130 1.9 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127458.D
Acq: 22 Mar 2022 18:18

Tgt Ion: 136 Resp: 364386
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 11.9 9.2 13.8
68 7.2 5.4 8.0





#23

Nitrobenzene-d5

Concen: 88.730 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127458.D

Acq: 22 Mar 2022 18:18

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-4

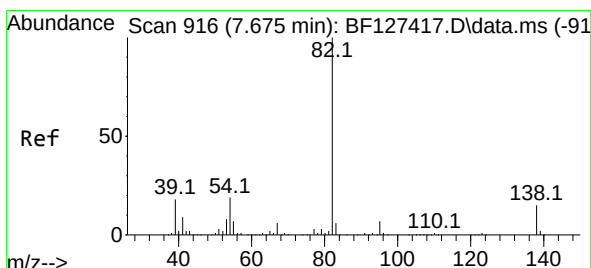
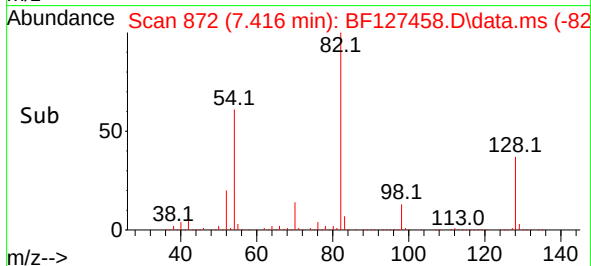
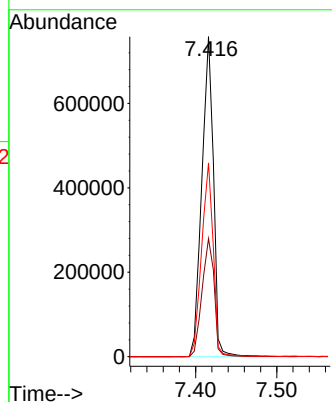
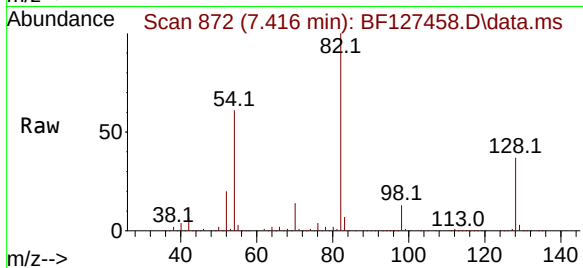
Tgt Ion: 82 Resp: 756378

Ion Ratio Lower Upper

82 100

128 36.9 30.6 45.8

54 60.6 48.2 72.2



#25

Isophorone

Concen: 55.709 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127458.D

Acq: 22 Mar 2022 18:18

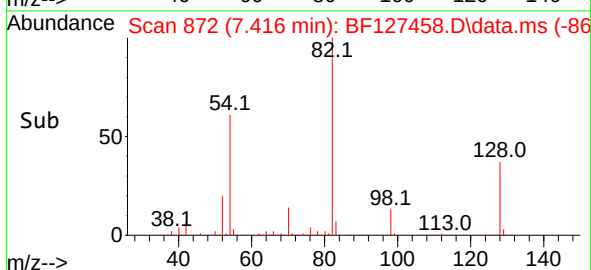
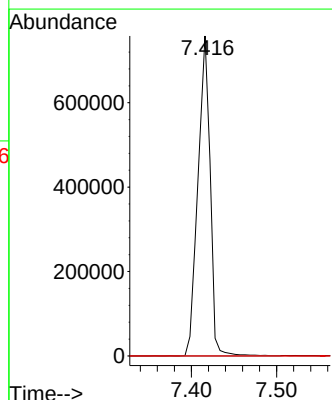
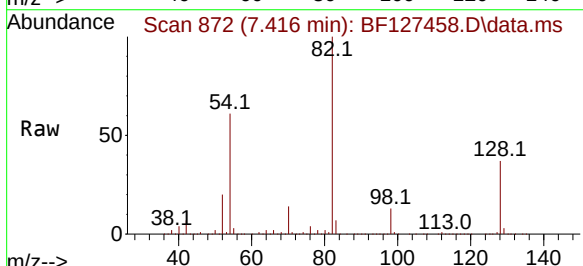
Tgt Ion: 82 Resp: 756368

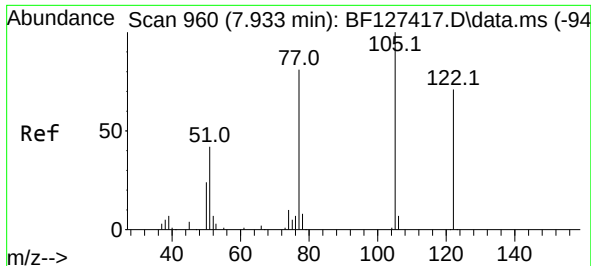
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

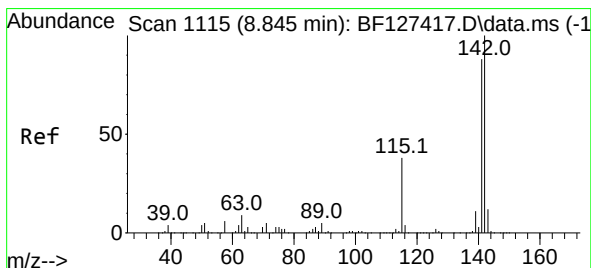
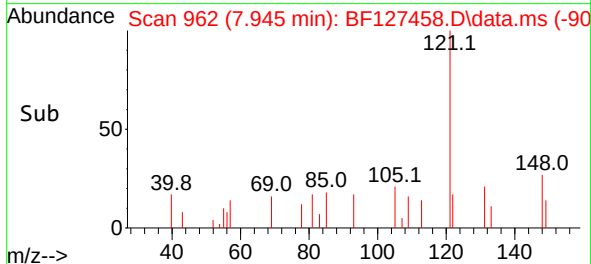
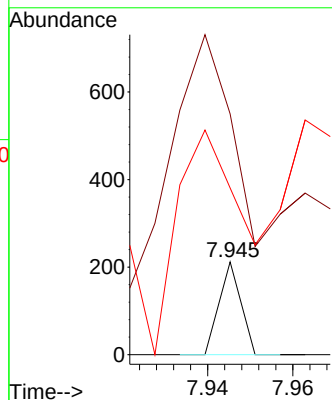
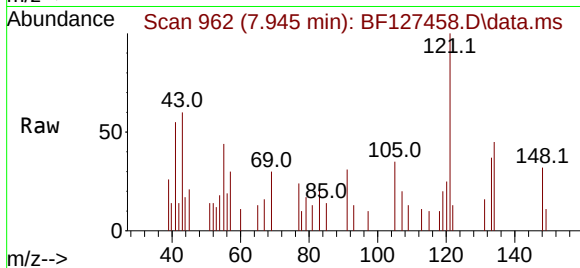




#32
Benzoic acid
Concen: 6.065 ng
RT: 7.945 min Scan# 960
Delta R.T. 0.012 min
Lab File: BF127458.D
Acq: 22 Mar 2022 18:18

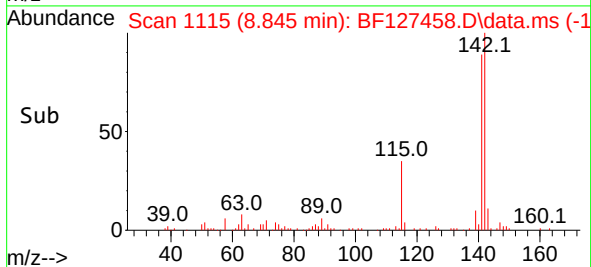
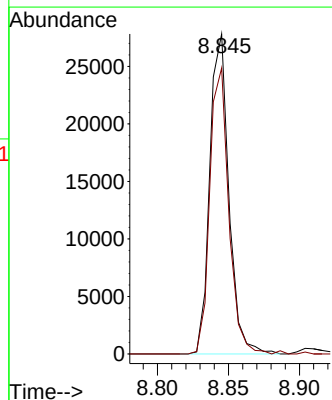
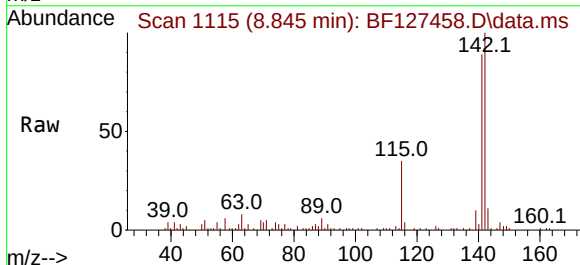
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4

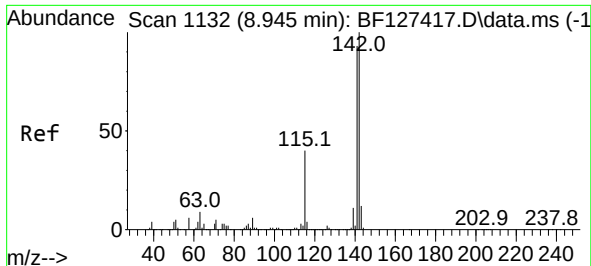
Tgt Ion:122 Resp: 75
Ion Ratio Lower Upper
122 100
105 259.4 117.1 157.1#
77 179.7 93.0 133.0#



#37
2-Methylnaphthalene
Concen: 2.088 ng
RT: 8.845 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF127458.D
Acq: 22 Mar 2022 18:18

Tgt Ion:142 Resp: 25978
Ion Ratio Lower Upper
142 100
141 89.3 70.6 106.0





#38

1-Methylnaphthalene

Concen: 2.012 ng

RT: 8.939 min Scan# 1131

Delta R.T. -0.006 min

Lab File: BF127458.D

Acq: 22 Mar 2022 18:18

Instrument :

BNA_F

ClientSampleId :

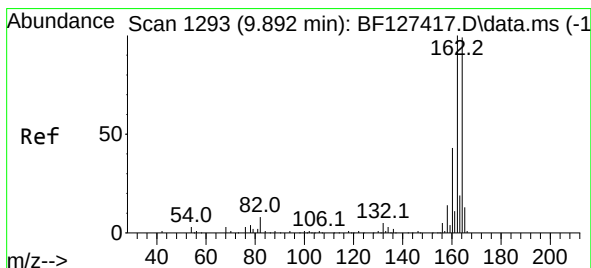
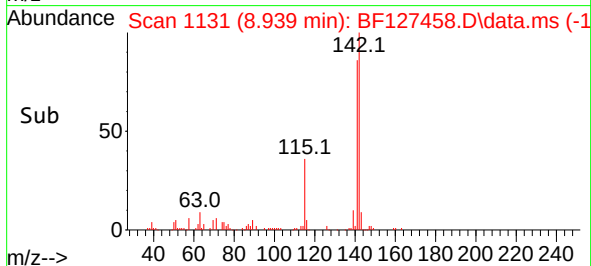
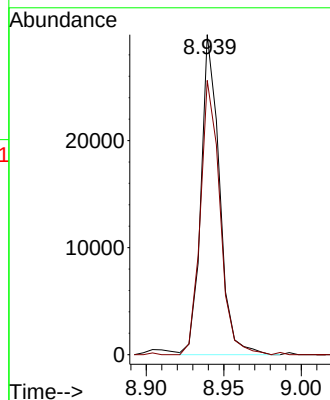
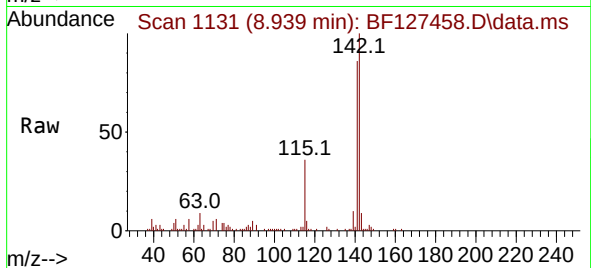
WC-14A-1A-4

Tgt Ion:142 Resp: 24747

Ion Ratio Lower Upper

142 100

141 85.7 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: BF127458.D

Acq: 22 Mar 2022 18:18

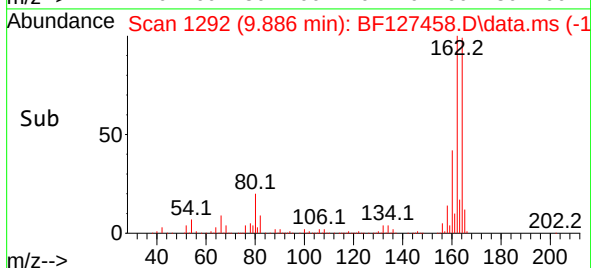
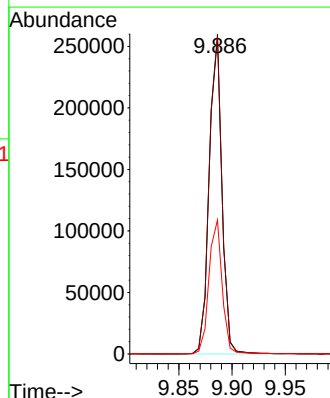
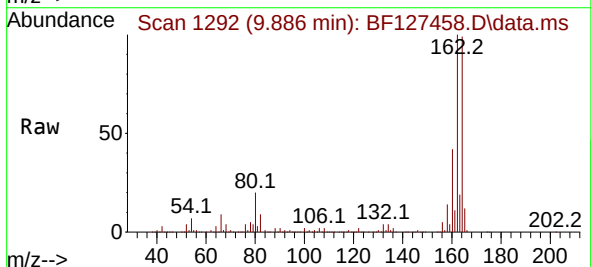
Tgt Ion:164 Resp: 214805

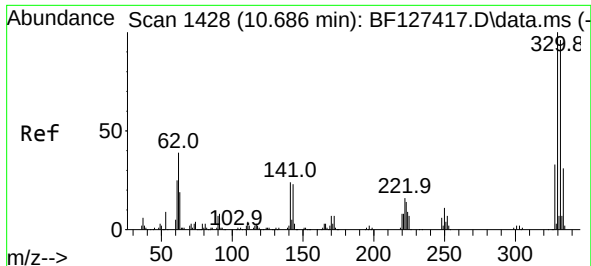
Ion Ratio Lower Upper

164 100

162 101.0 81.2 121.8

160 42.3 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 132.903 ng

RT: 10.680 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127458.D

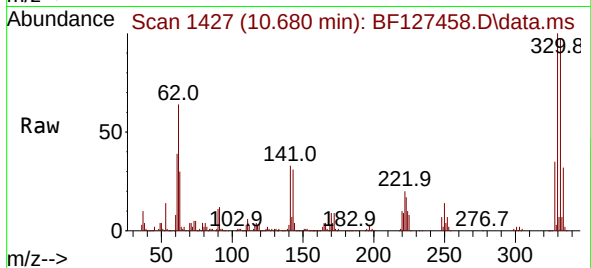
Acq: 22 Mar 2022 18:18

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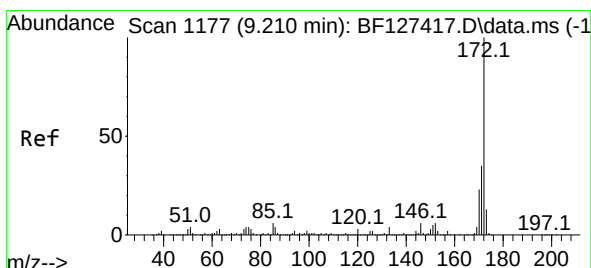
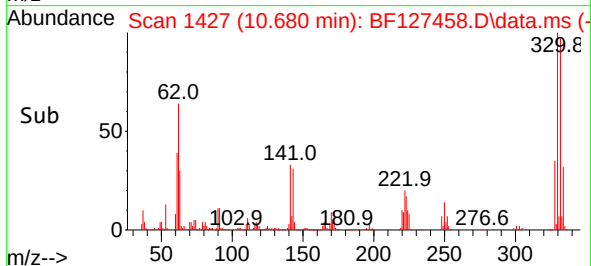
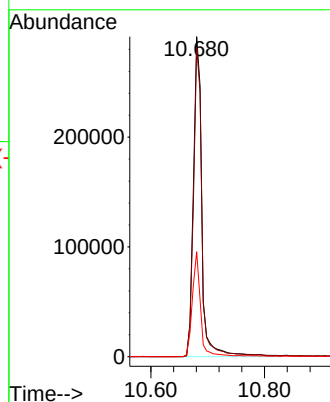
Tgt Ion:330 Resp: 304112

Ion Ratio Lower Upper

330 100

332 95.7 79.1 118.7

141 31.8 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 86.974 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127458.D

Acq: 22 Mar 2022 18:18

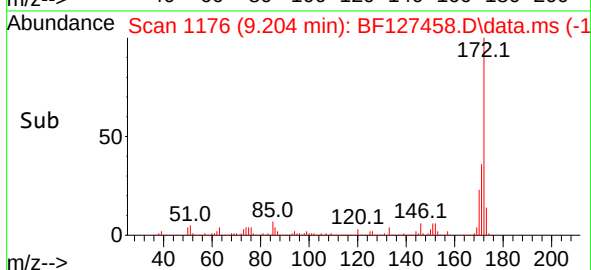
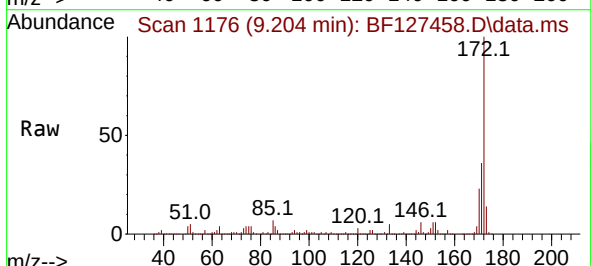
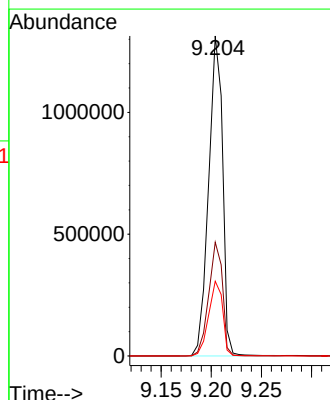
Tgt Ion:172 Resp: 1279412

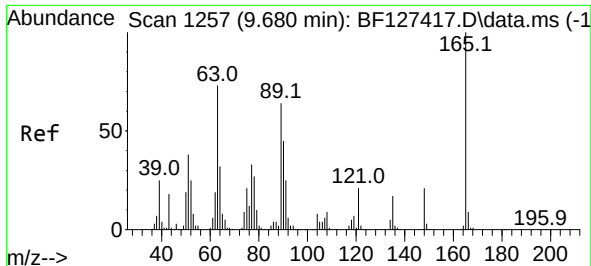
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.3 18.6 27.8

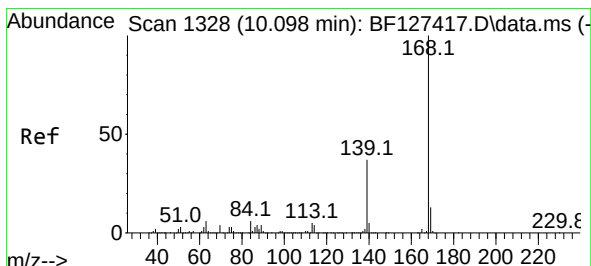
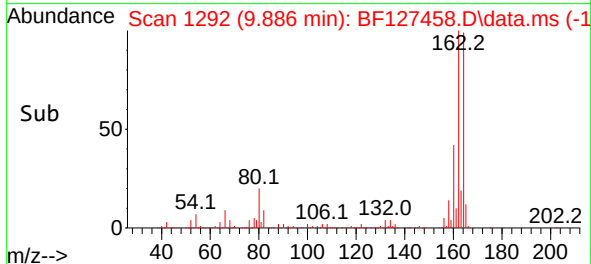
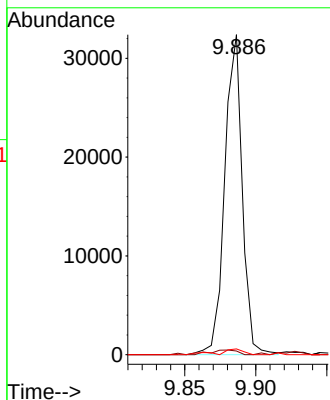
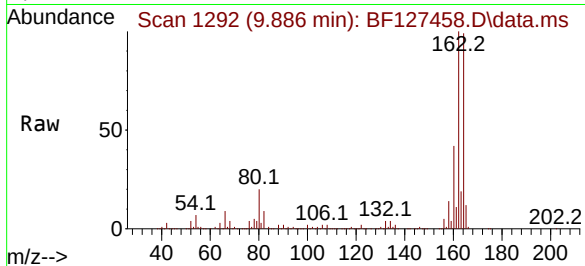




#51
2,6-Dinitrotoluene
Concen: 8.824 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.206 min
Lab File: BF127458.D
Acq: 22 Mar 2022 18:18

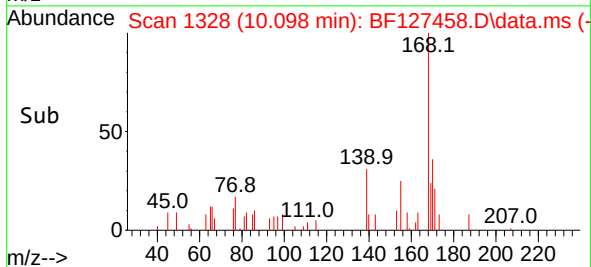
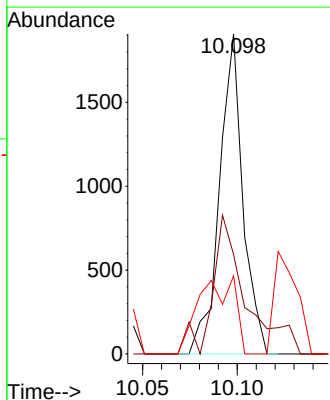
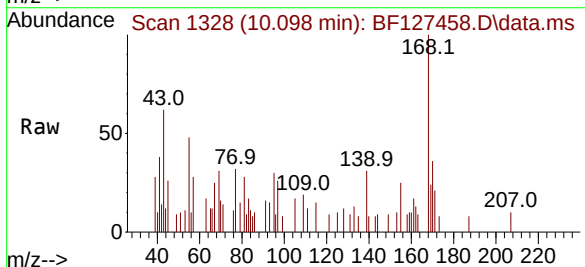
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4

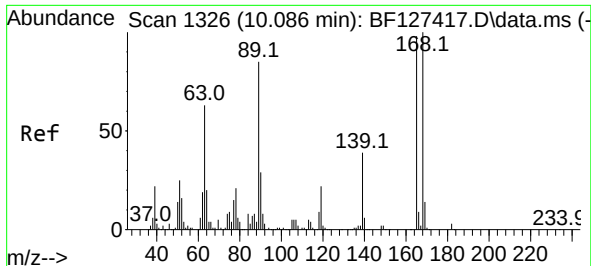
Tgt Ion:165 Resp: 27680
Ion Ratio Lower Upper
165 100
63 1.2 58.3 87.5#
89 1.8 51.5 77.3#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.098 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF127458.D
Acq: 22 Mar 2022 18:18

Tgt Ion:168 Resp: 1638
Ion Ratio Lower Upper
168 100
139 31.1 30.3 45.5
169 24.4 10.8 16.2#

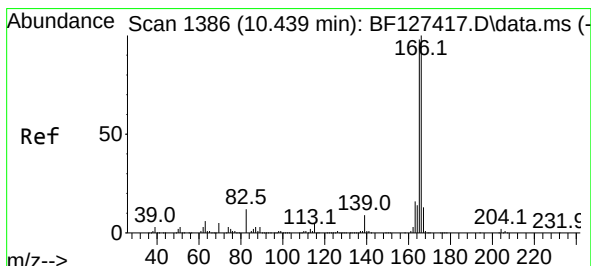
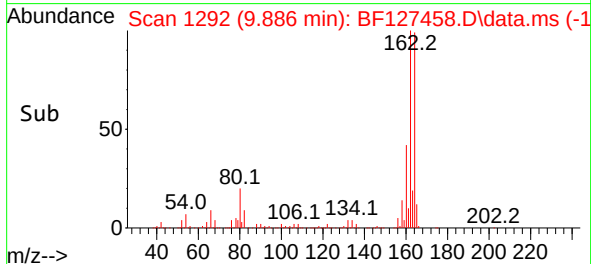
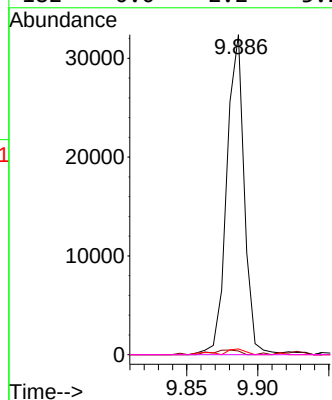
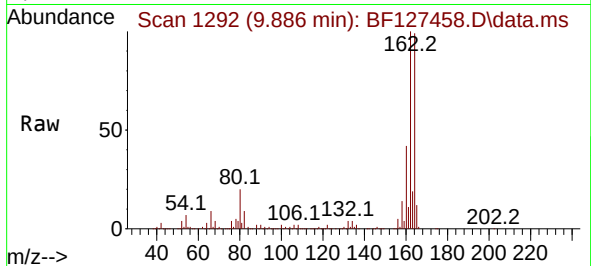




#57
2,4-Dinitrotoluene
Concen: 6.856 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127458.D
Acq: 22 Mar 2022 18:18

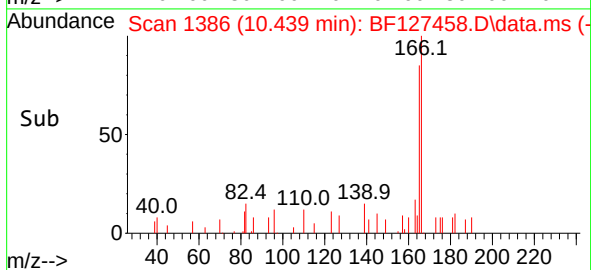
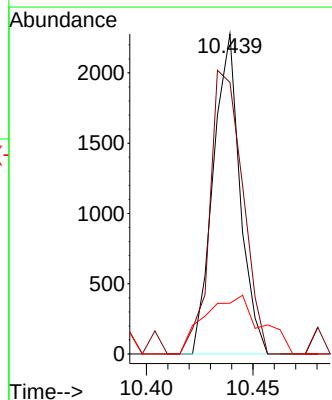
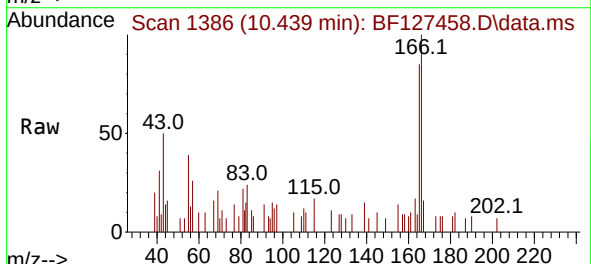
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4

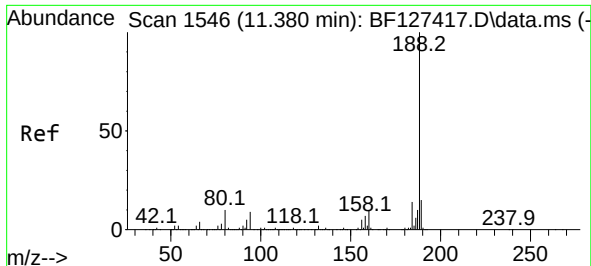
Tgt Ion:165 Resp: 27680
Ion Ratio Lower Upper
165 100
63 1.2 53.1 79.7#
89 1.8 69.2 103.8#
182 0.0 2.2 3.2#



#58
Fluorene
Concen: Below Cal
RT: 10.439 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF127458.D
Acq: 22 Mar 2022 18:18

Tgt Ion:166 Resp: 1994
Ion Ratio Lower Upper
166 100
165 84.8 78.1 117.1
167 15.9 10.5 15.7#

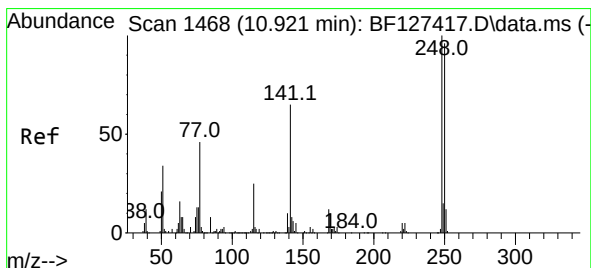
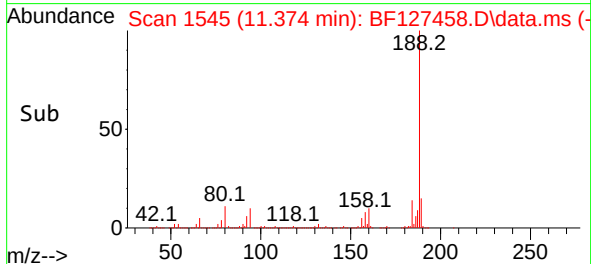
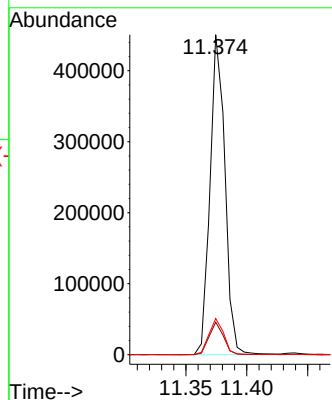
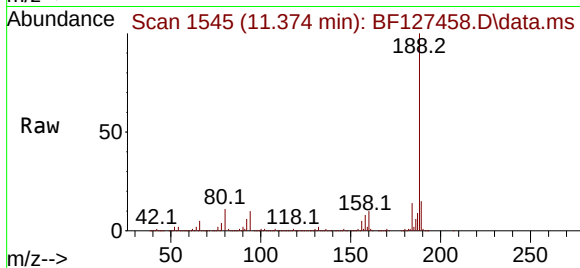




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127458.D
Acq: 22 Mar 2022 18:18

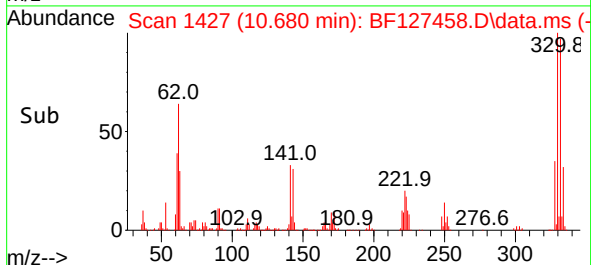
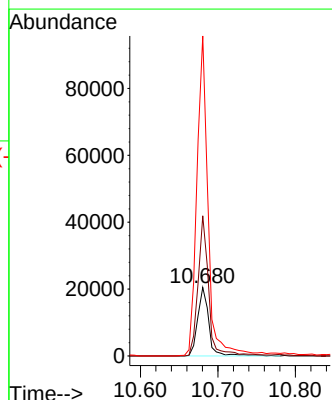
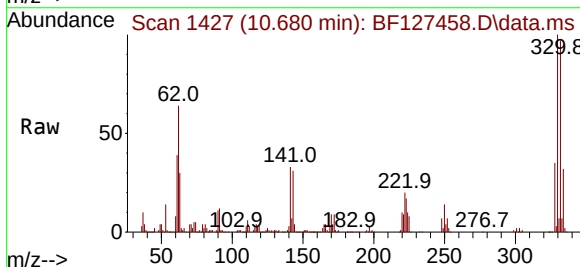
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4

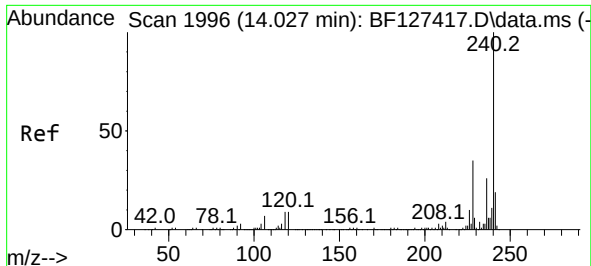
Tgt Ion:188 Resp: 384930
Ion Ratio Lower Upper
188 100
94 10.2 7.4 11.0
80 11.3 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 4.538 ng
RT: 10.680 min Scan# 1427
Delta R.T. -0.241 min
Lab File: BF127458.D
Acq: 22 Mar 2022 18:18

Tgt Ion:248 Resp: 20394
Ion Ratio Lower Upper
248 100
250 204.6 76.6 115.0#
141 467.1 52.2 78.2#

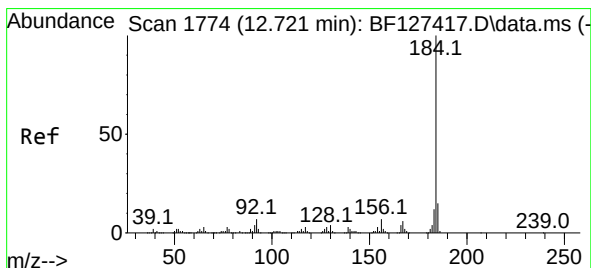
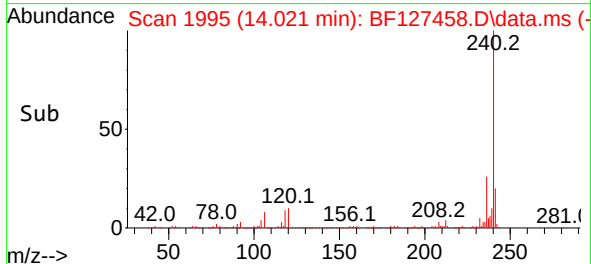
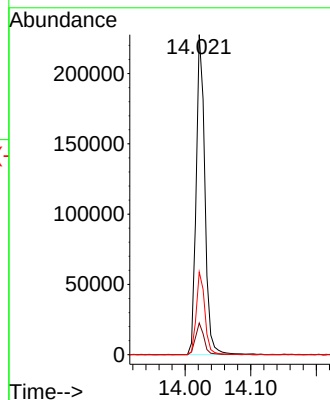
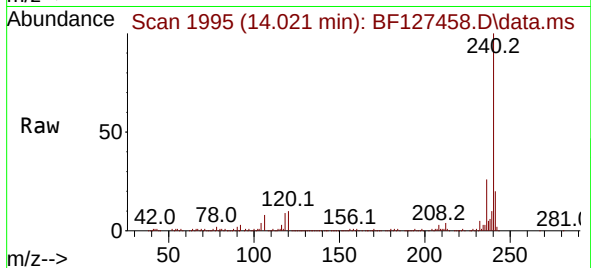




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127458.D
Acq: 22 Mar 2022 18:18

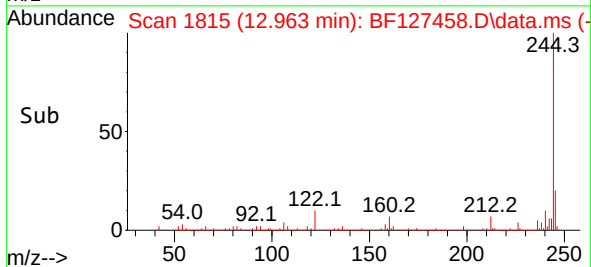
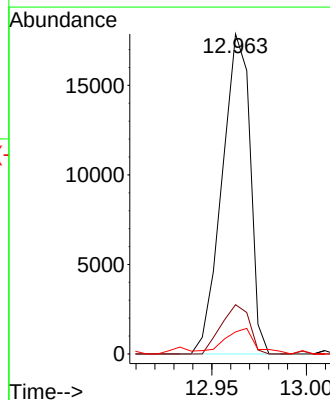
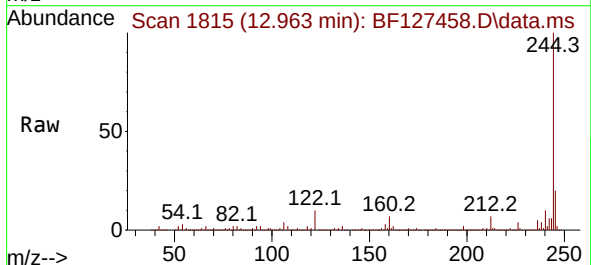
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-4

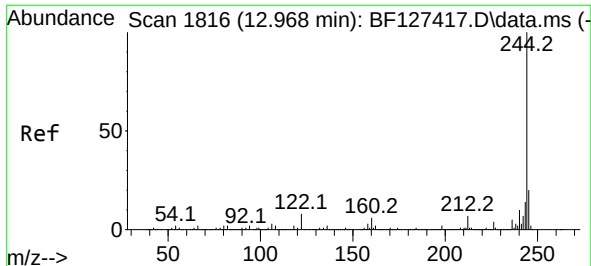
Tgt Ion:240 Resp: 210956
Ion Ratio Lower Upper
240 100
120 9.9 7.1 10.7
236 25.9 20.7 31.1



#77
Benzidine
Concen: 3.664 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127458.D
Acq: 22 Mar 2022 18:18

Tgt Ion:184 Resp: 18431
Ion Ratio Lower Upper
184 100
185 15.4 12.2 18.2
183 6.9 9.4 14.0#

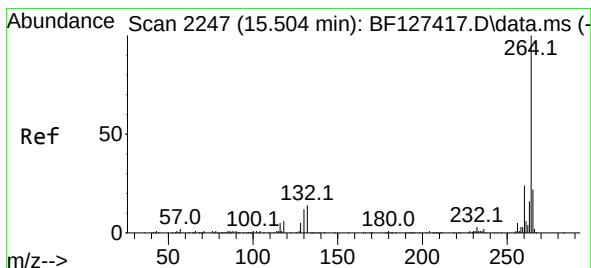
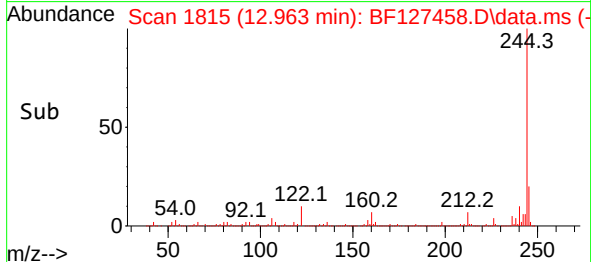
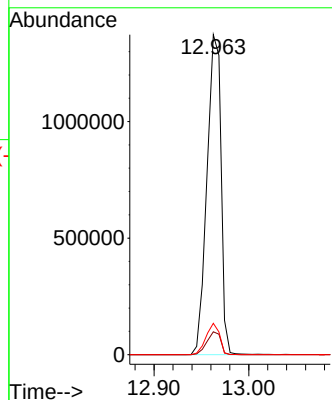
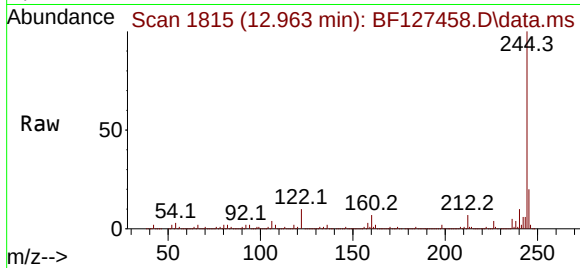




#79
 Terphenyl-d14
 Concen: 109.841 ng
 RT: 12.963 min Scan# 1815
 Delta R.T. -0.006 min
 Lab File: BF127458.D
 Acq: 22 Mar 2022 18:18

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-4

Tgt Ion:244 Resp: 1415476
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 9.8 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: BF127458.D
 Acq: 22 Mar 2022 18:18

Tgt Ion:264 Resp: 192760
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.1 28.7
 265 20.3 17.4 26.2

