

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032222\
 Data File : BF127456.D
 Acq On : 22 Mar 2022 17:20
 Operator : CG\JU
 Sample : N1905-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-3

Quant Time: Mar 23 03:01:46 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)

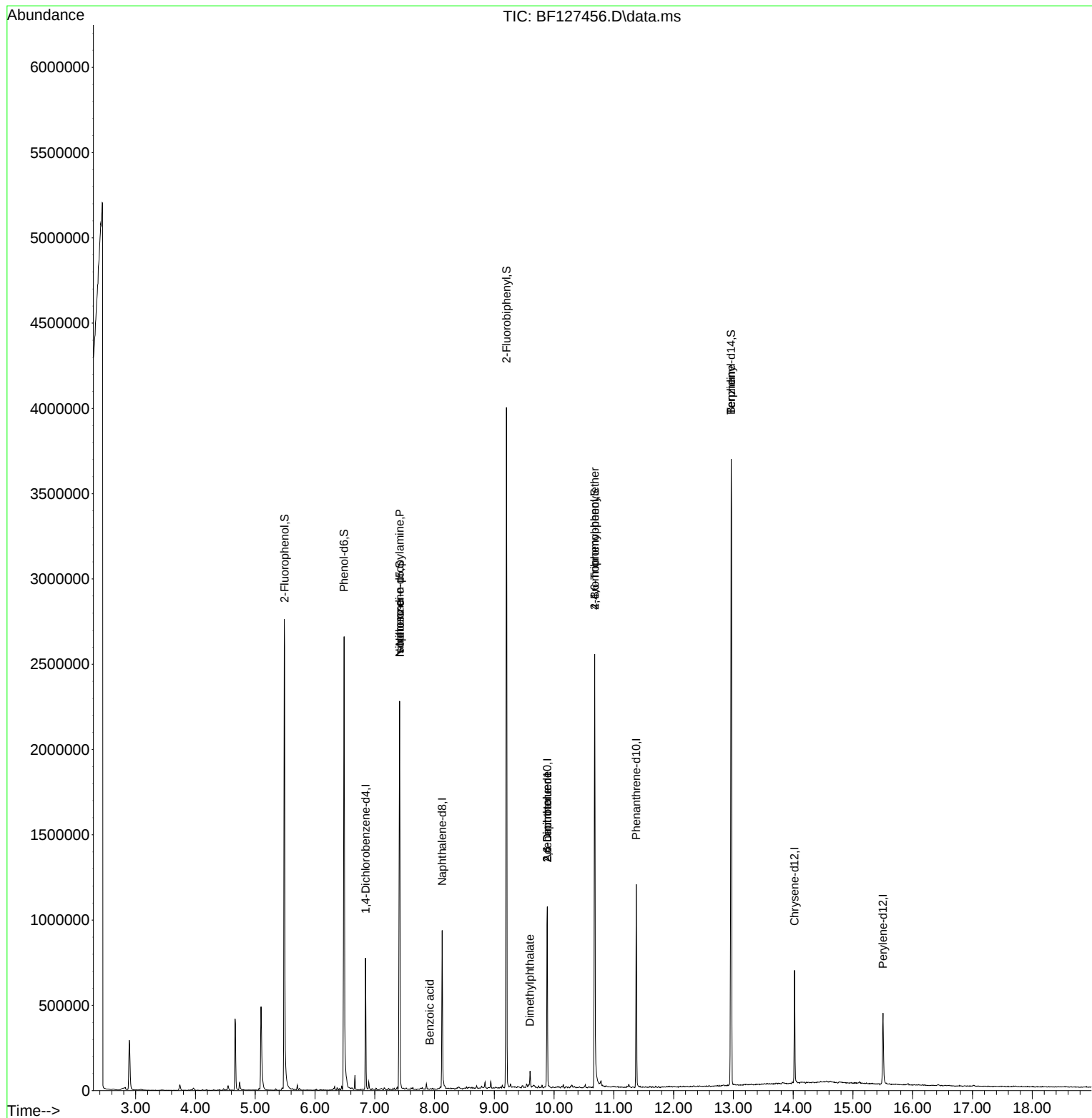
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	95953	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	366676	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	219054	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	400535	20.000	ng	0.00
76) Chrysene-d12	14.021	240	214380	20.000	ng	0.00
86) Perylene-d12	15.504	264	189821	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	759872	126.408	ng	0.02
7) Phenol-d6	6.487	99	958141	116.606	ng	0.00
23) Nitrobenzene-d5	7.416	82	798303	93.063	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	331897	142.232	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1343649	89.569	ng	0.00
79) Terphenyl-d14	12.963	244	1496358	114.263	ng	0.00
Target Compounds						
9) Benzaldehyde	6.404	77	529	Below Cal	Qvalue	# 1
19) n-Nitroso-di-n-propyla...	7.416	70	111273	22.592 ng	#	79
25) Isophorone	7.416	82	798295	58.430 ng	#	70
32) Benzoic acid	7.922	122	54	6.058 ng	#	33
50) Dimethylphthalate	9.598	163	32311	2.120 ng	#	99
51) 2,6-Dinitrotoluene	9.886	165	28653	8.957 ng	#	17
55) Dibenzofuran	10.098	168	728	Below Cal	#	86
57) 2,4-Dinitrotoluene	9.886	165	28653	6.959 ng	#	14
58) Fluorene	10.439	166	869	Below Cal	#	71
67) 4-Bromophenyl-phenylether	10.680	248	21254	4.545 ng	#	1
77) Benzidine	12.963	184	18306	3.581 ng	#	95

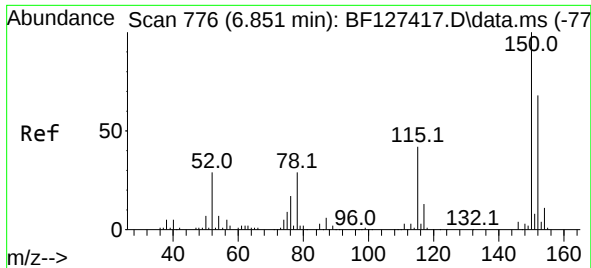
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032222\
Data File : BF127456.D
Acq On : 22 Mar 2022 17:20
Operator : CG\JU
Sample : N1905-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-3

Quant Time: Mar 23 03:01:46 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

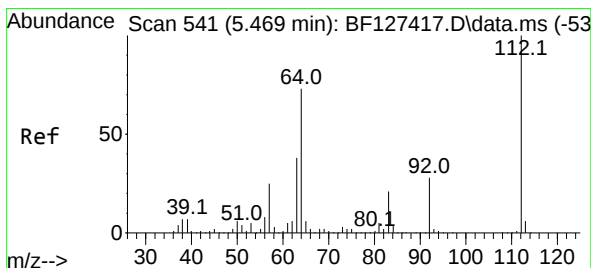
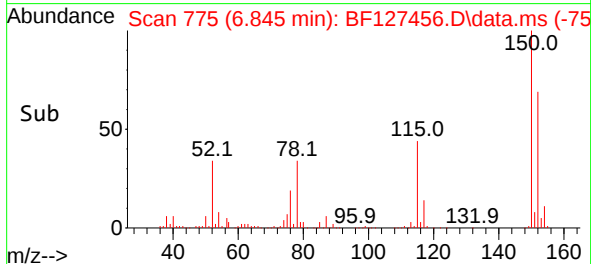
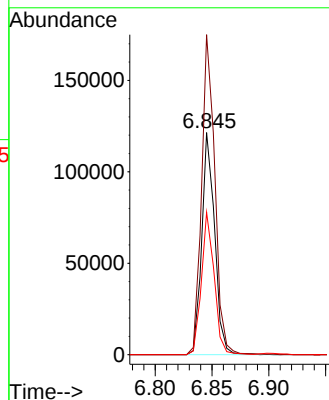
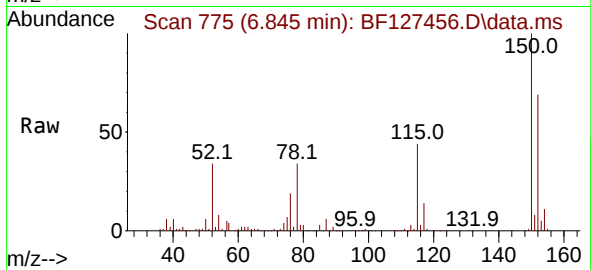




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.845 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127456.D
 Acq: 22 Mar 2022 17:20

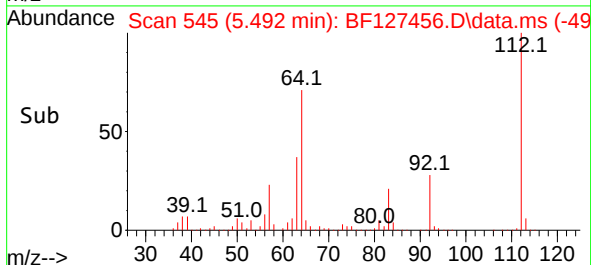
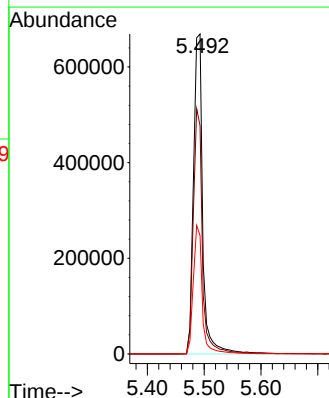
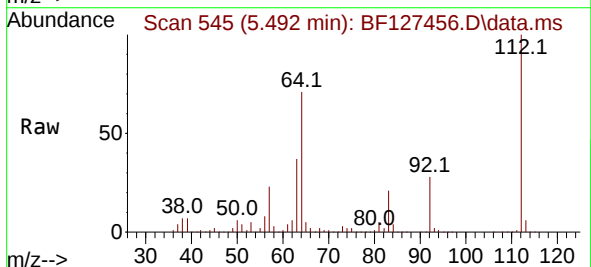
Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-3

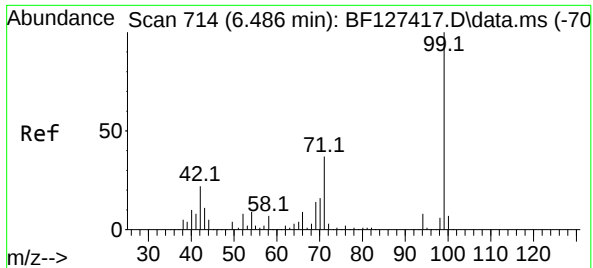
Tgt Ion:152 Resp: 95953
 Ion Ratio Lower Upper
 152 100
 150 144.0 117.2 175.8
 115 64.1 49.8 74.6



#5
 2-Fluorophenol
 Concen: 126.408 ng
 RT: 5.492 min Scan# 545
 Delta R.T. 0.024 min
 Lab File: BF127456.D
 Acq: 22 Mar 2022 17:20

Tgt Ion:112 Resp: 759872
 Ion Ratio Lower Upper
 112 100
 64 71.3 58.4 87.6
 63 37.0 30.1 45.1

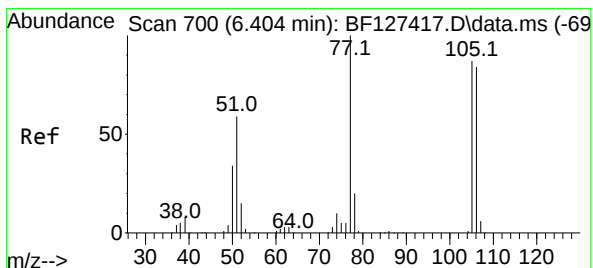
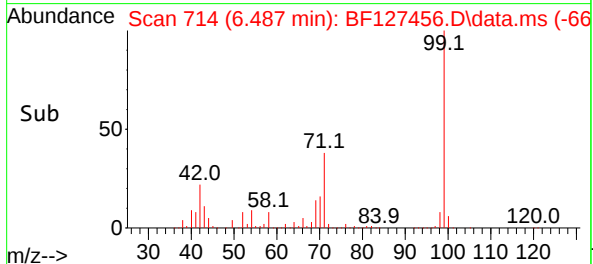
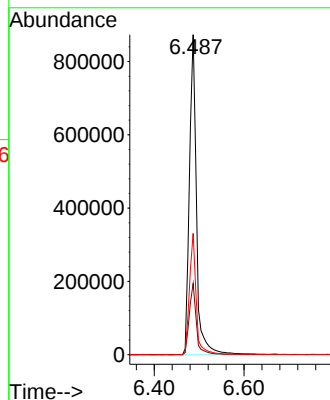
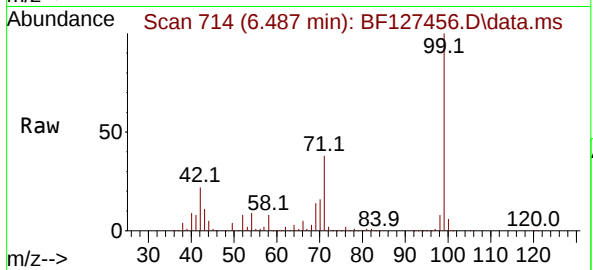




#7
Phenol-d6
Concen: 116.606 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127456.D
Acq: 22 Mar 2022 17:20

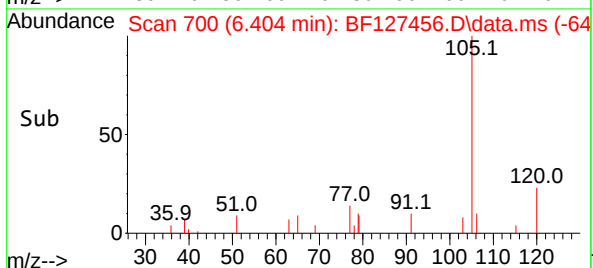
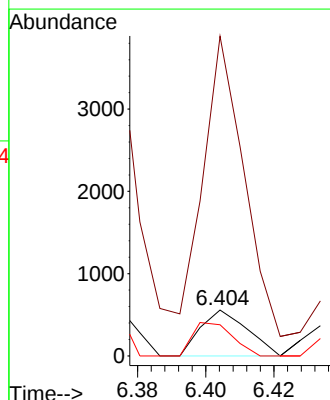
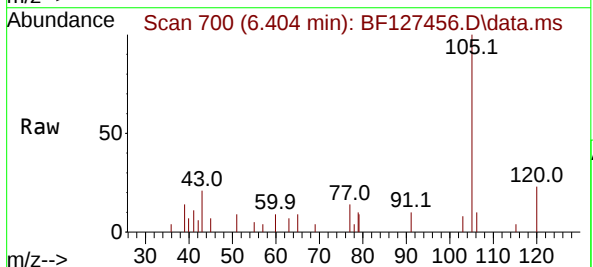
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-3

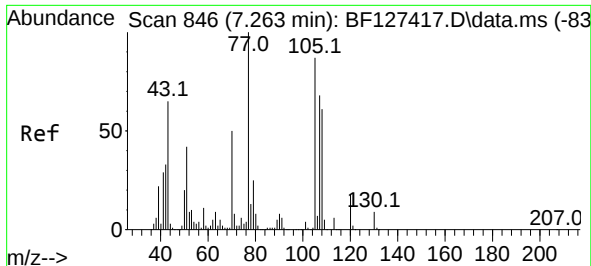
Tgt Ion: 99 Resp: 958141
Ion Ratio Lower Upper
99 100
42 22.2 17.8 26.6
71 37.9 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.404 min Scan# 700
Delta R.T. 0.000 min
Lab File: BF127456.D
Acq: 22 Mar 2022 17:20

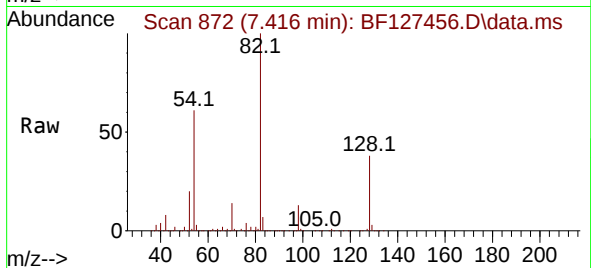
Tgt Ion: 77 Resp: 529
Ion Ratio Lower Upper
77 100
105 697.7 66.8 106.8#
106 67.9 64.3 104.3



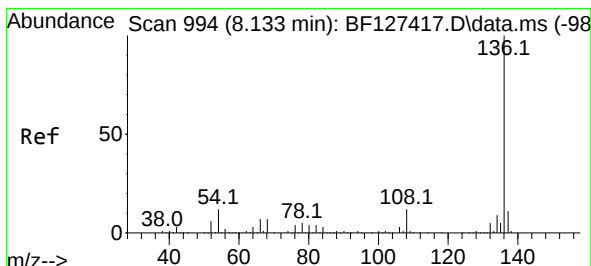
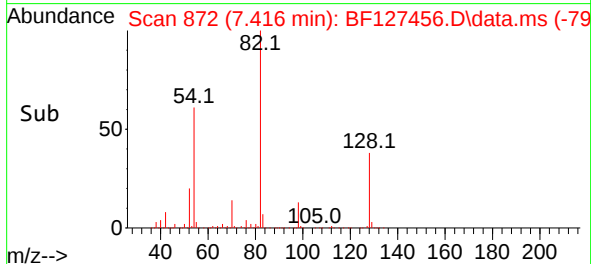
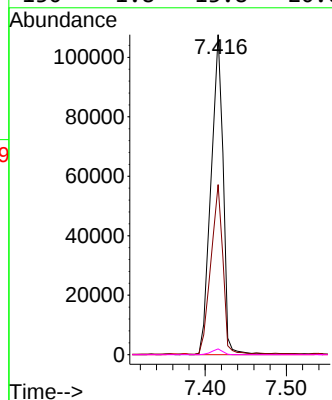


#19
n-Nitroso-di-n-propylamine
Concen: 22.592 ng
RT: 7.416 min Scan# 81
Delta R.T. 0.153 min
Lab File: BF127456.D
Acq: 22 Mar 2022 17:20

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-3

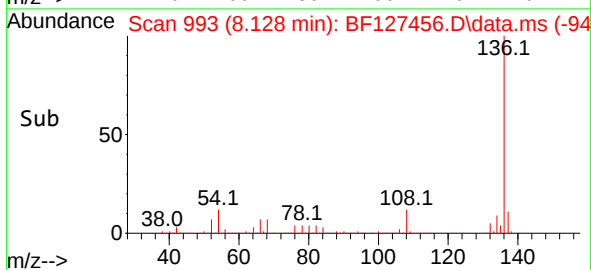
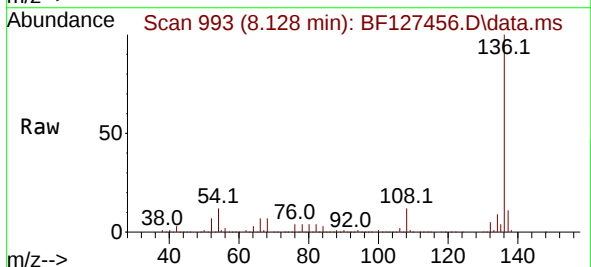
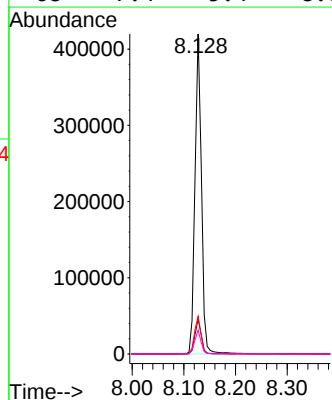


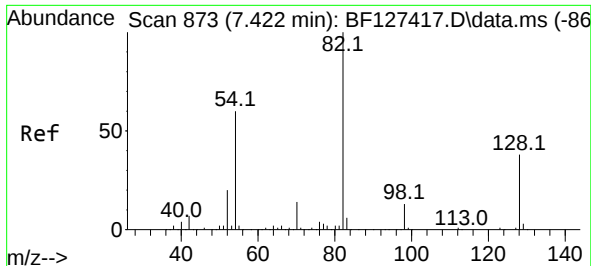
Tgt Ion: 70 Resp: 111273
Ion Ratio Lower Upper
70 100
42 53.2 53.0 79.6
101 0.0 6.8 10.2#
130 1.8 13.8 20.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF127456.D
Acq: 22 Mar 2022 17:20

Tgt Ion: 136 Resp: 366676
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 11.8 9.2 13.8
68 7.4 5.4 8.0





#23

Nitrobenzene-d5

Concen: 93.063 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127456.D

Acq: 22 Mar 2022 17:20

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-3

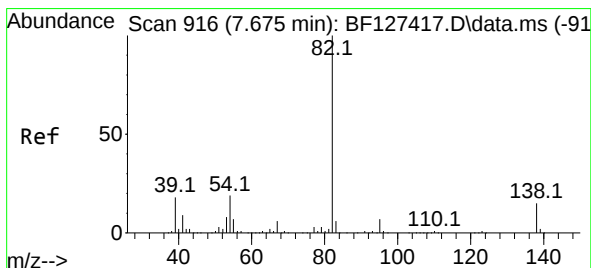
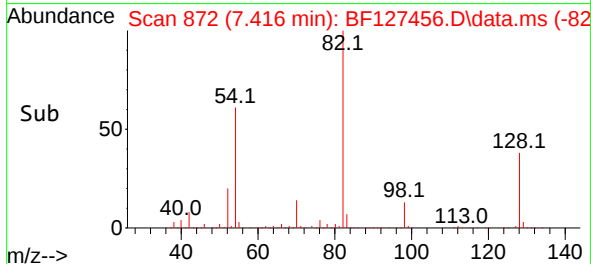
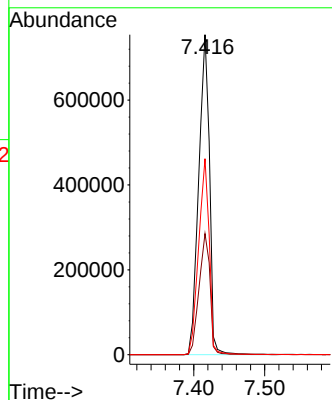
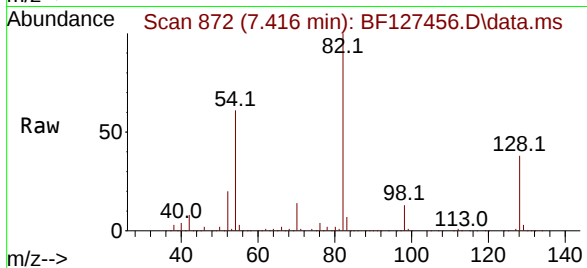
Tgt Ion: 82 Resp: 798303

Ion Ratio Lower Upper

82 100

128 37.9 30.6 45.8

54 61.2 48.2 72.2



#25

Isophorone

Concen: 58.430 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127456.D

Acq: 22 Mar 2022 17:20

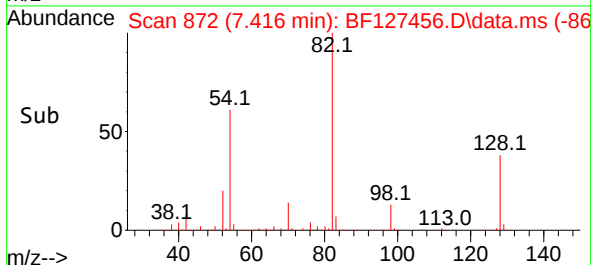
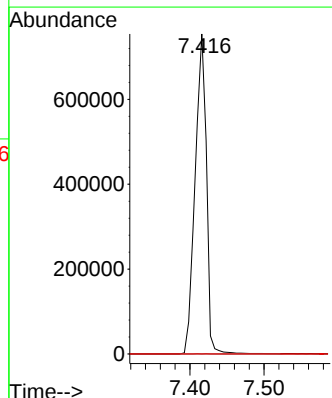
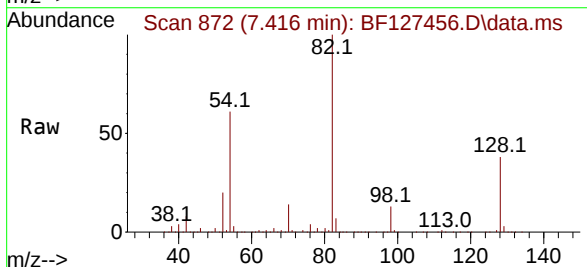
Tgt Ion: 82 Resp: 798295

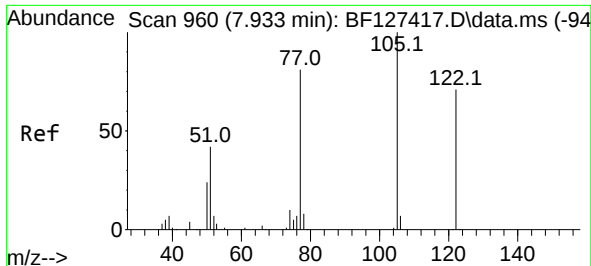
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

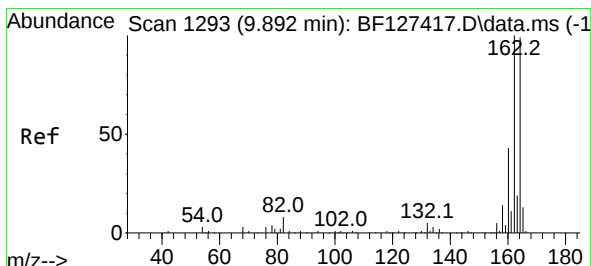
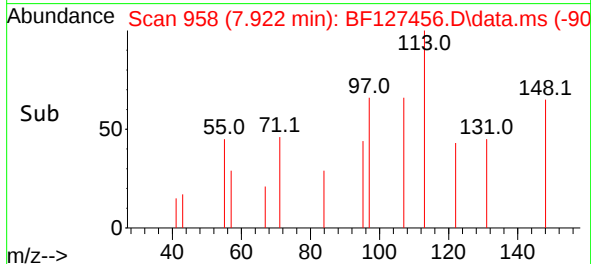
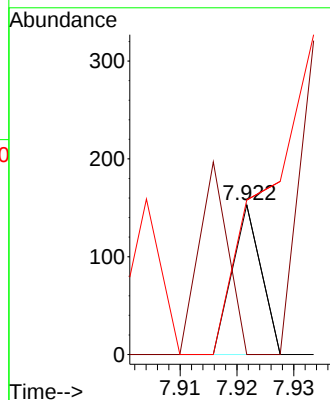
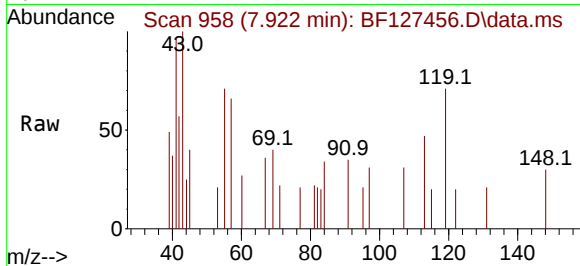




#32
Benzoic acid
Concen: 6.058 ng
RT: 7.922 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF127456.D
Acq: 22 Mar 2022 17:20

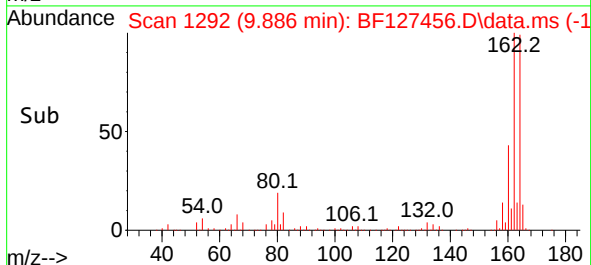
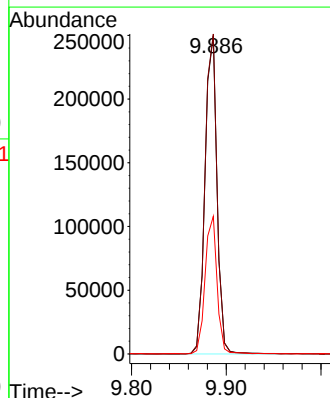
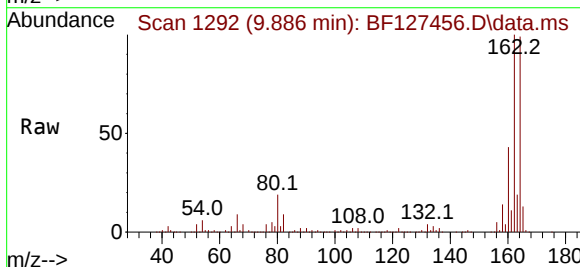
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-3

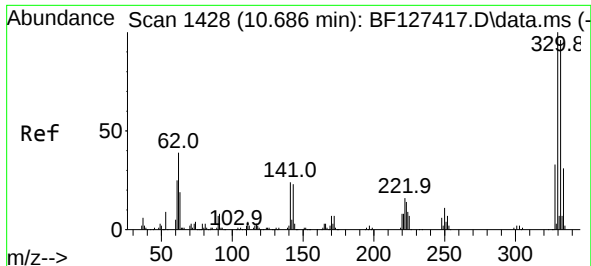
Tgt Ion:122 Resp: 54
Ion Ratio Lower Upper
122 100
105 0.0 117.1 157.1#
77 103.3 93.0 133.0



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127456.D
Acq: 22 Mar 2022 17:20

Tgt Ion:164 Resp: 219054
Ion Ratio Lower Upper
164 100
162 100.5 81.2 121.8
160 43.3 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 142.232 ng

RT: 10.680 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127456.D

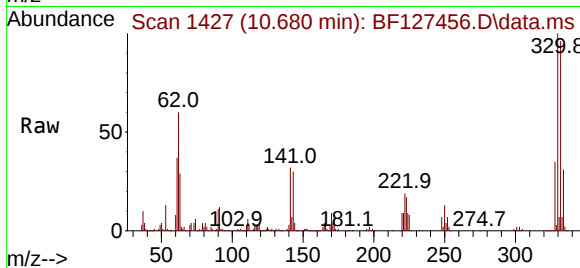
Acq: 22 Mar 2022 17:20

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-3



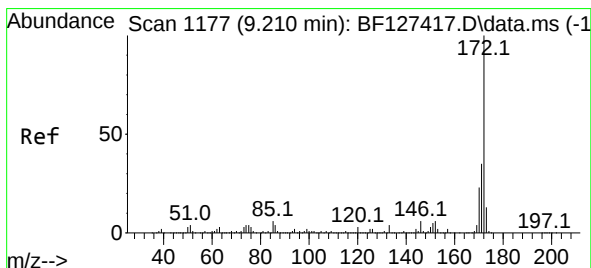
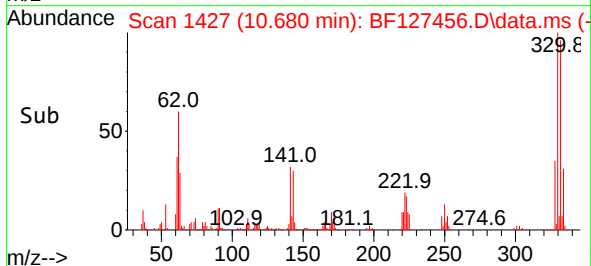
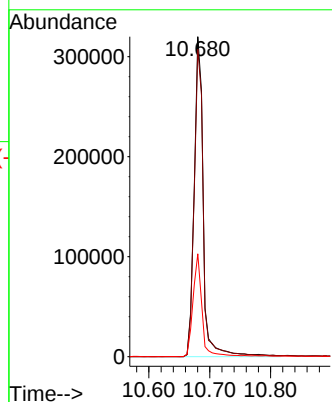
Tgt Ion:330 Resp: 331897

Ion Ratio Lower Upper

330 100

332 97.1 79.1 118.7

141 31.6 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 89.569 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127456.D

Acq: 22 Mar 2022 17:20

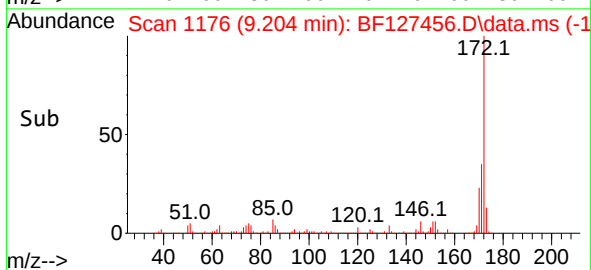
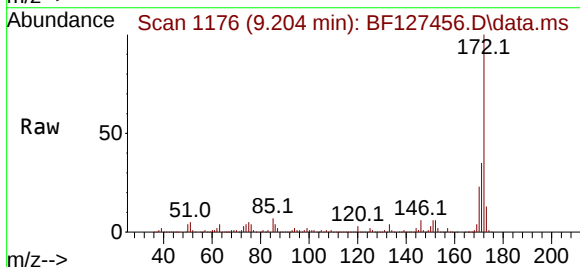
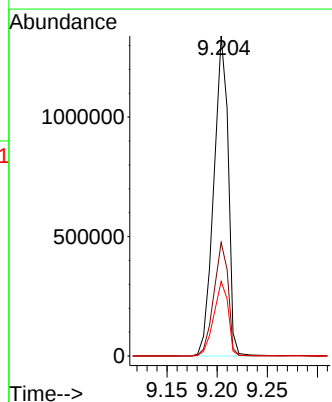
Tgt Ion:172 Resp: 1343649

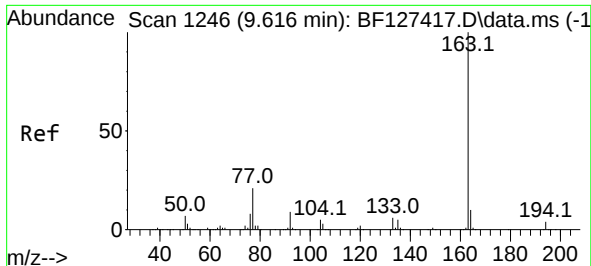
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.3 18.6 27.8

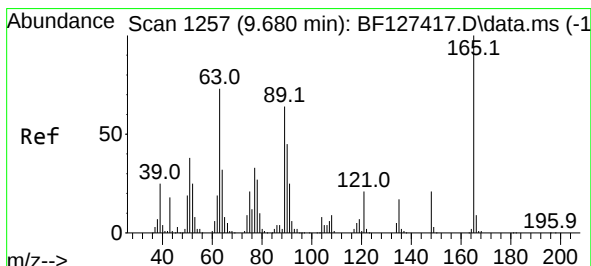
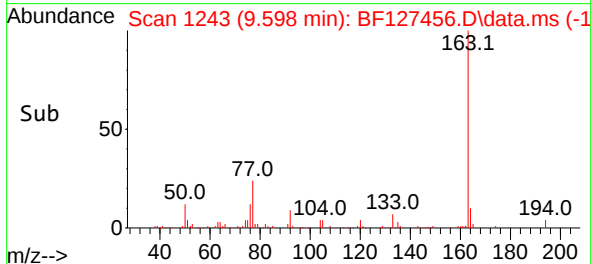
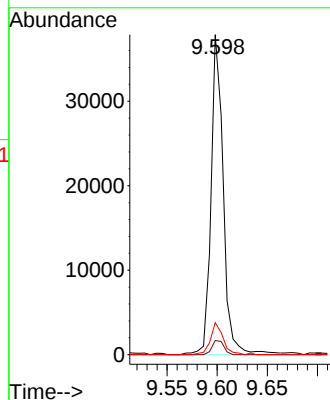
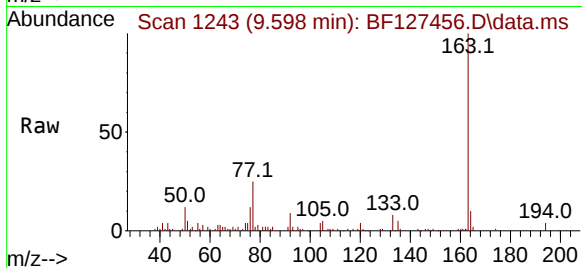




#50
Dimethylphthalate
Concen: 2.120 ng
RT: 9.598 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF127456.D
Acq: 22 Mar 2022 17:20

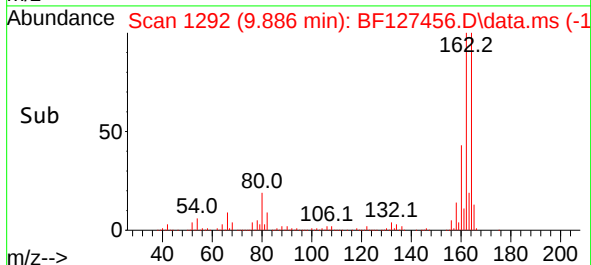
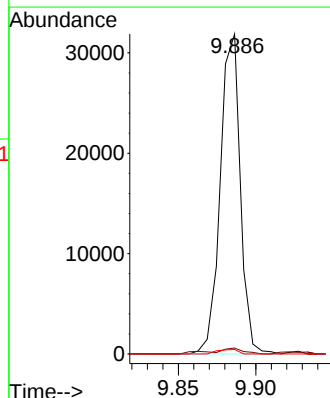
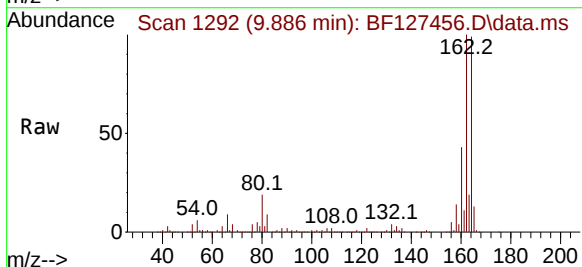
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-3

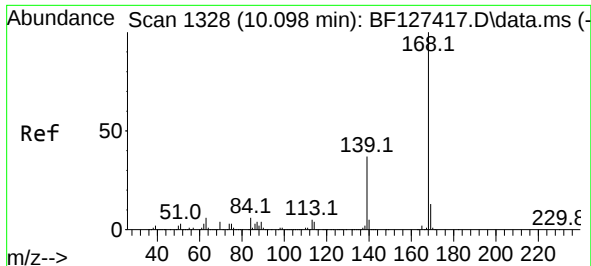
Tgt Ion:163 Resp: 32311
Ion Ratio Lower Upper
163 100
194 4.5 3.3 4.9
164 10.0 7.8 11.8



#51
2,6-Dinitrotoluene
Concen: 8.957 ng
RT: 9.886 min Scan# 1292
Delta R.T. 0.206 min
Lab File: BF127456.D
Acq: 22 Mar 2022 17:20

Tgt Ion:165 Resp: 28653
Ion Ratio Lower Upper
165 100
63 1.8 58.3 87.5#
89 1.4 51.5 77.3#

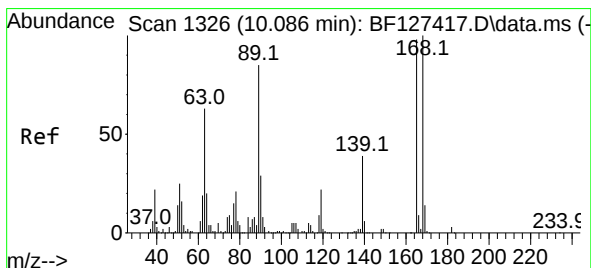
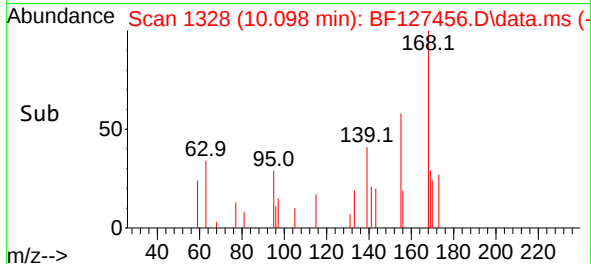
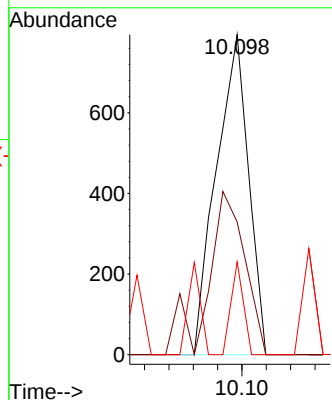
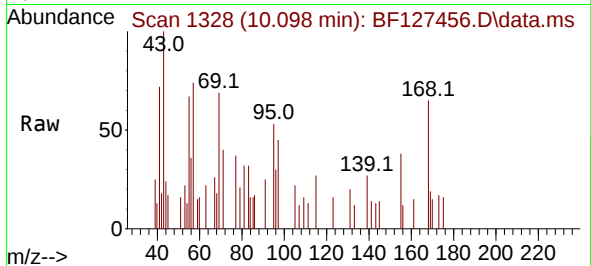




#55
Dibenzenofuran
Concen: Below Cal
RT: 10.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127456.D
Acq: 22 Mar 2022 17:20

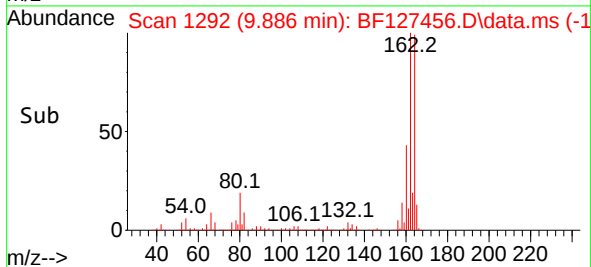
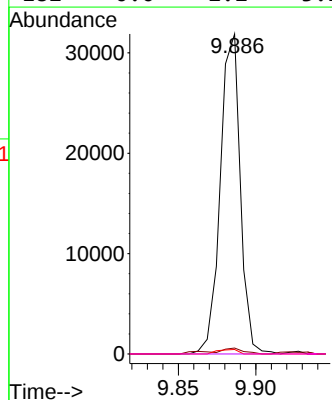
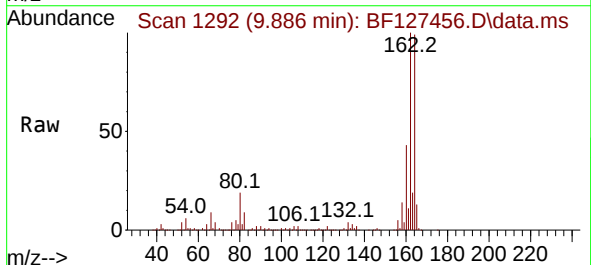
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-3

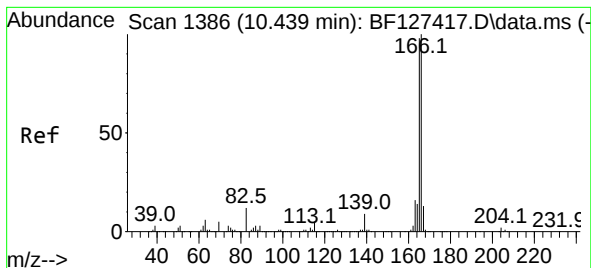
Tgt Ion:168 Resp: 728
Ion Ratio Lower Upper
168 100
139 41.4 30.3 45.5
169 29.0 10.8 16.2#



#57
2,4-Dinitrotoluene
Concen: 6.959 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.200 min
Lab File: BF127456.D
Acq: 22 Mar 2022 17:20

Tgt Ion:165 Resp: 28653
Ion Ratio Lower Upper
165 100
63 1.8 53.1 79.7#
89 1.4 69.2 103.8#
182 0.0 2.2 3.2#





#58

Fluorene

Concen: Below Cal

RT: 10.439 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127456.D

Acq: 22 Mar 2022 17:20

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-3

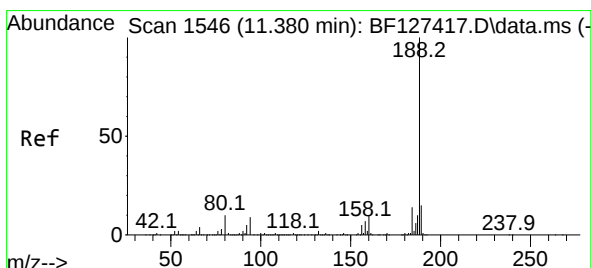
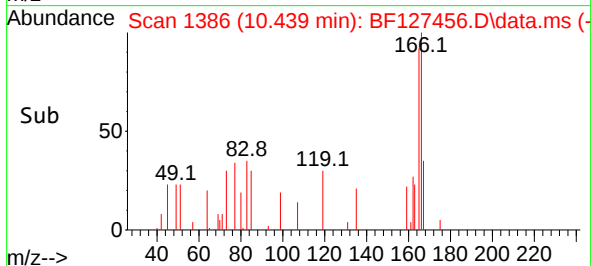
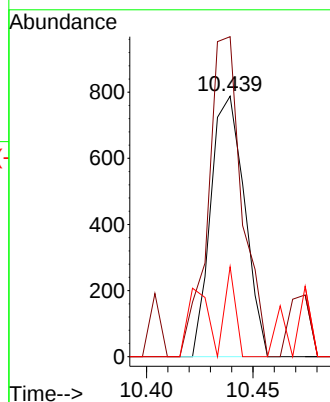
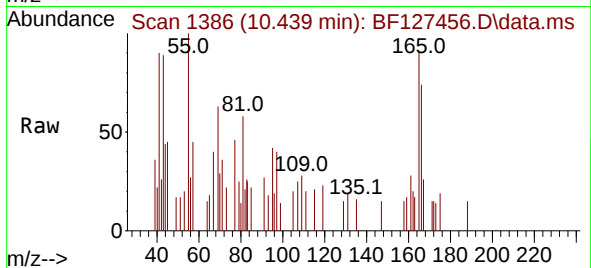
Tgt Ion:166 Resp: 869

Ion Ratio Lower Upper

166 100

165 122.8 78.1 117.1#

167 34.5 10.5 15.7#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1545

Delta R.T. -0.006 min

Lab File: BF127456.D

Acq: 22 Mar 2022 17:20

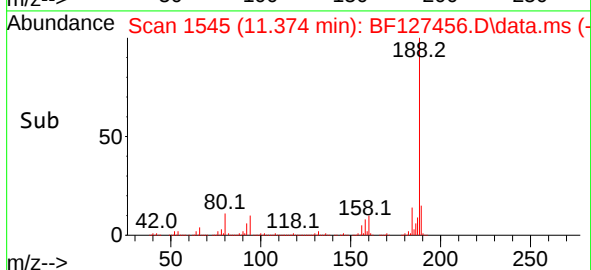
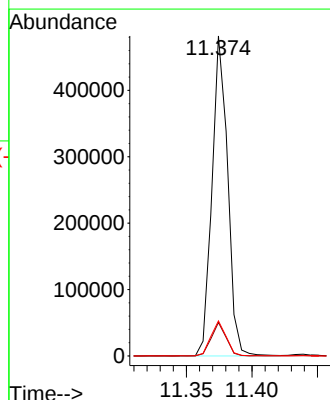
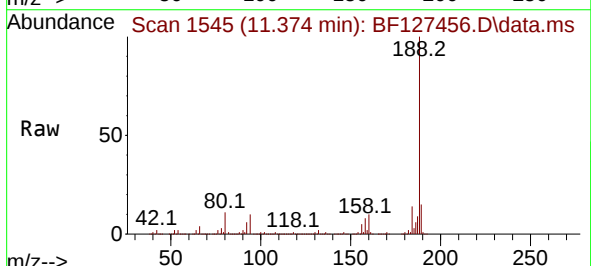
Tgt Ion:188 Resp: 400535

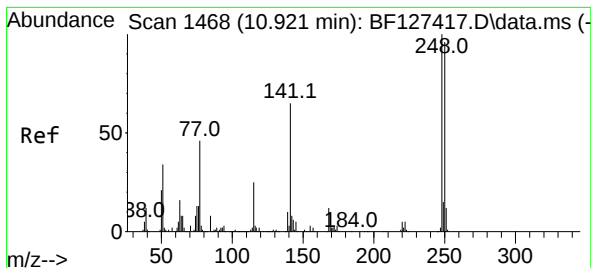
Ion Ratio Lower Upper

188 100

94 10.4 7.4 11.0

80 11.0 8.0 12.0

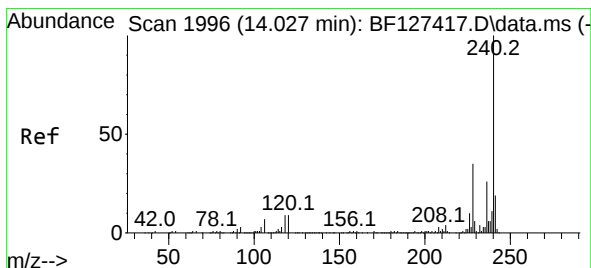
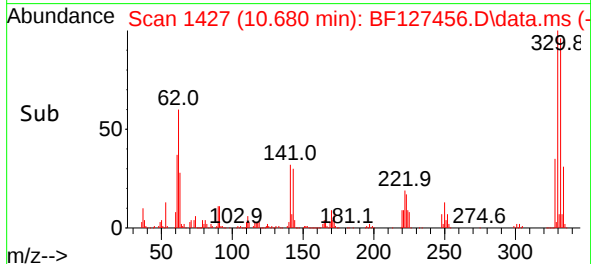
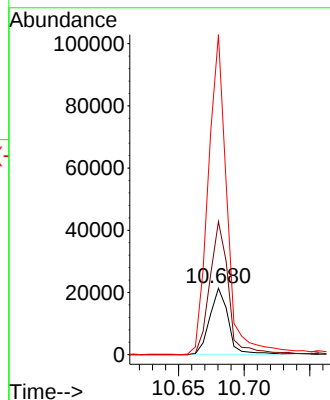
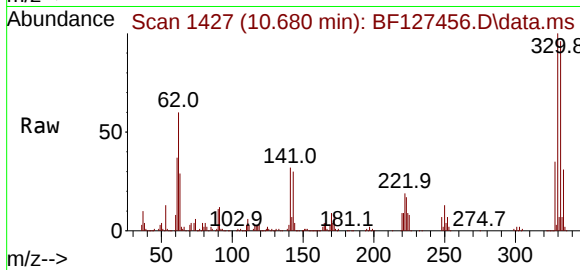




#67
4-Bromophenyl-phenylether
Concen: 4.545 ng
RT: 10.680 min Scan# 1468
Delta R.T. -0.241 min
Lab File: BF127456.D
Acq: 22 Mar 2022 17:20

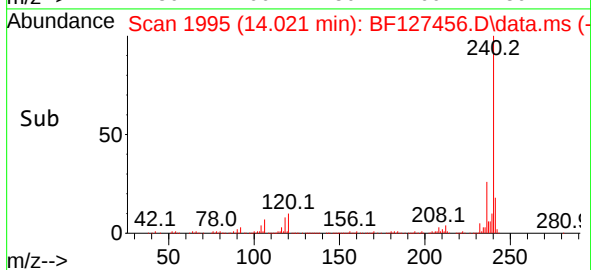
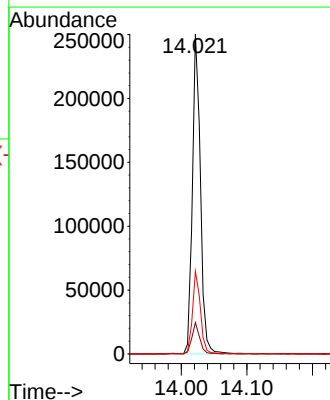
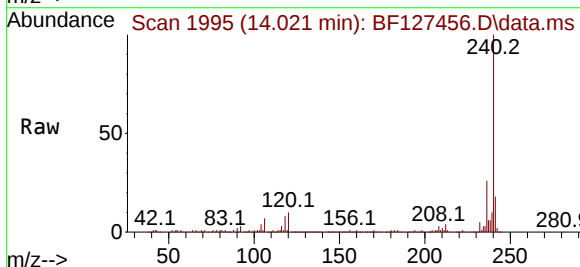
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-3

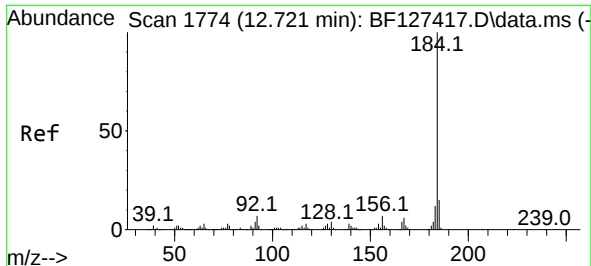
Tgt Ion:248 Resp: 21254
Ion Ratio Lower Upper
248 100
250 200.2 76.6 115.0#
141 481.4 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF127456.D
Acq: 22 Mar 2022 17:20

Tgt Ion:240 Resp: 214380
Ion Ratio Lower Upper
240 100
120 9.8 7.1 10.7
236 25.8 20.7 31.1

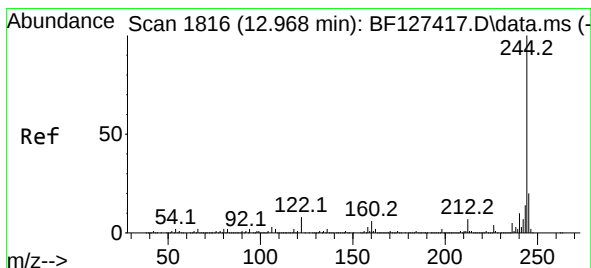
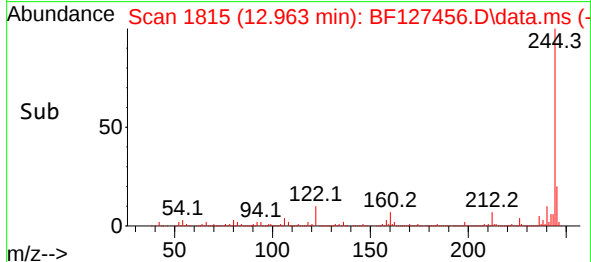
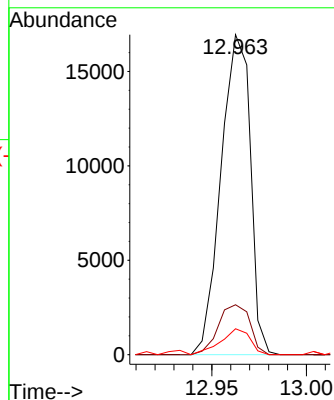
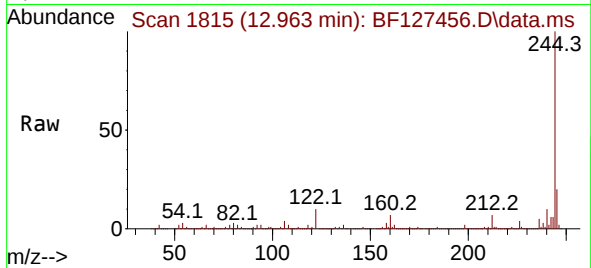




#77
Benzidine
Concen: 3.581 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127456.D
Acq: 22 Mar 2022 17:20

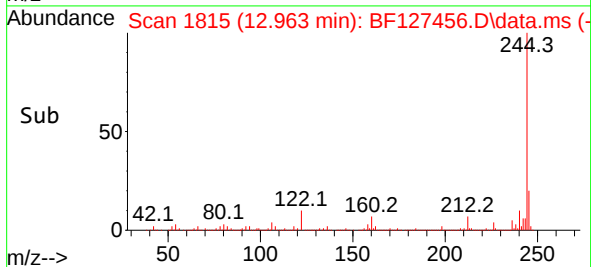
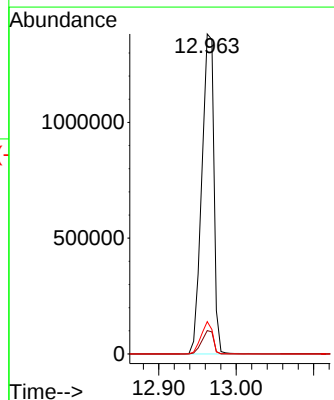
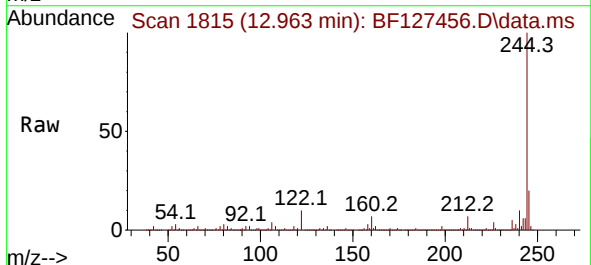
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-3

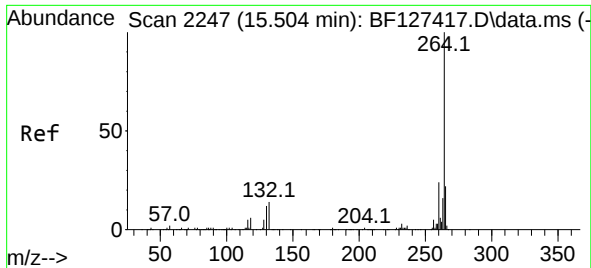
Tgt Ion:184 Resp: 18306
Ion Ratio Lower Upper
184 100
185 15.6 12.2 18.2
183 8.1 9.4 14.0#



#79
Terphenyl-d14
Concen: 114.263 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127456.D
Acq: 22 Mar 2022 17:20

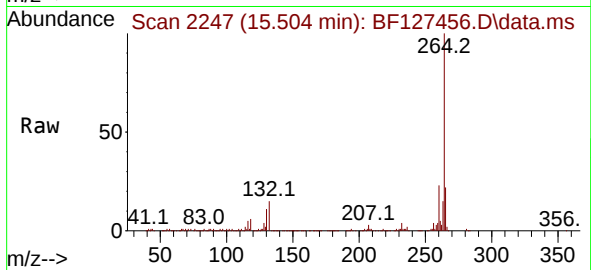
Tgt Ion:244 Resp: 1496358
Ion Ratio Lower Upper
244 100
212 7.3 5.7 8.5
122 10.1 6.2 9.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF127456.D
 Acq: 22 Mar 2022 17:20

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-3



Tgt Ion:264 Resp: 189821
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.1 28.7
 265 21.6 17.4 26.2

