

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032222\
 Data File : BF127454.D
 Acq On : 22 Mar 2022 16:22
 Operator : CG\JU
 Sample : N1996-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FT-TOTTEN-MW-01-GW

Quant Time: Mar 23 03:01:33 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)

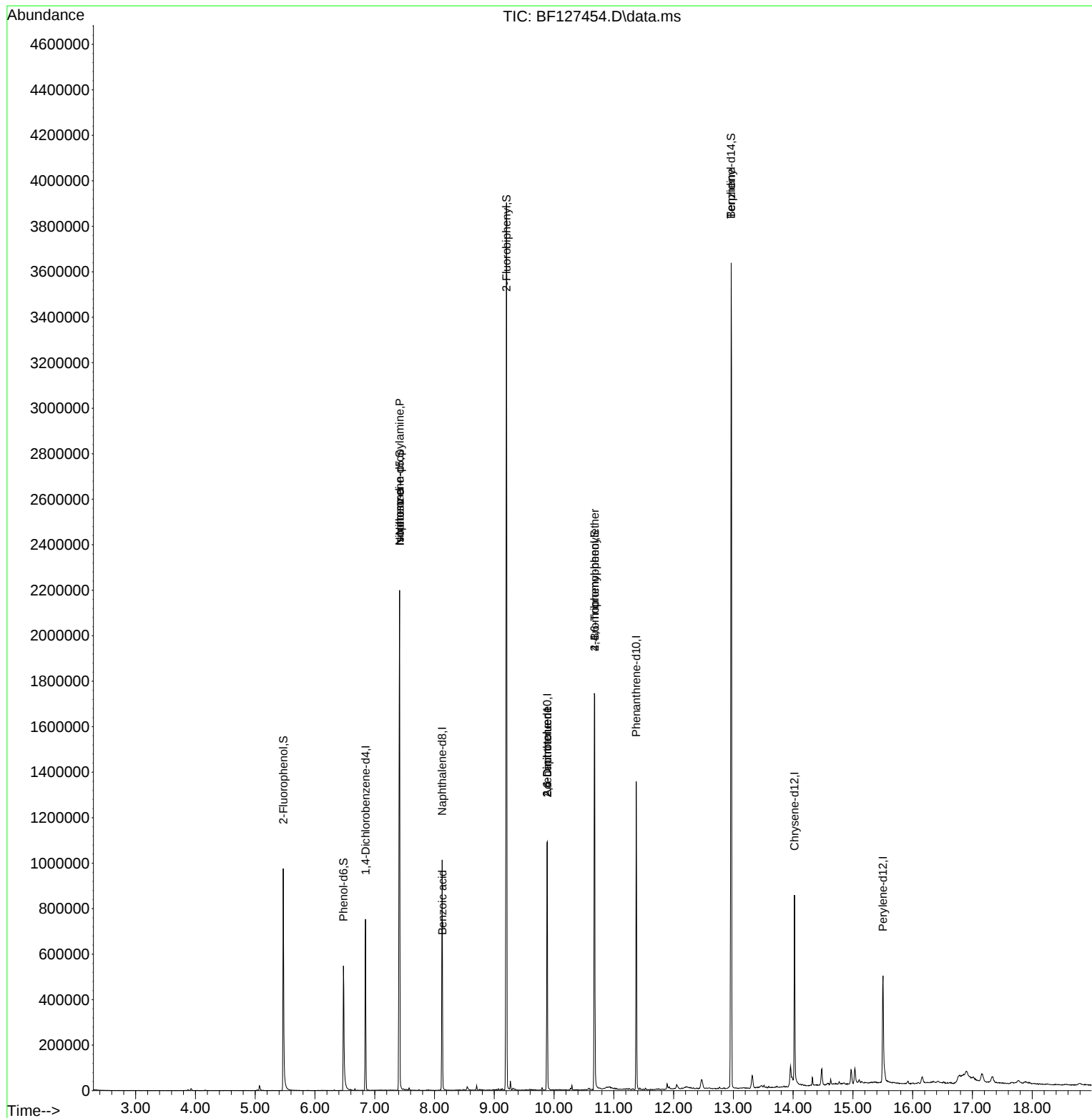
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	102477	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	394496	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	235832	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	440201	20.000	ng	0.00
76) Chrysene-d12	14.022	240	263762	20.000	ng	0.00
86) Perylene-d12	15.504	264	219654	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	241026	37.543	ng	0.00
7) Phenol-d6	6.475	99	199471	22.730	ng	-0.01
23) Nitrobenzene-d5	7.416	82	732031	79.319	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	219593	87.410	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1259915	78.012	ng	0.00
79) Terphenyl-d14	12.963	244	1428670	88.669	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.481	77	170	Below Cal	#	7
19) n-Nitroso-di-n-propyla...	7.416	70	99922	18.996	ng	# 78
25) Isophorone	7.416	82	732022	49.801	ng	# 70
32) Benzoic acid	8.134	122	132	6.078	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	30196	8.768	ng	# 17
55) Dibenzofuran	10.092	168	56	Below Cal	#	1
57) 2,4-Dinitrotoluene	9.886	165	30196	6.812	ng	# 14
58) Fluorene	10.681	166	8435	Below Cal	#	87
67) 4-Bromophenyl-phenylether	10.681	248	14872	2.894	ng	# 1
77) Benzidine	12.963	184	17376	2.763	ng	# 92

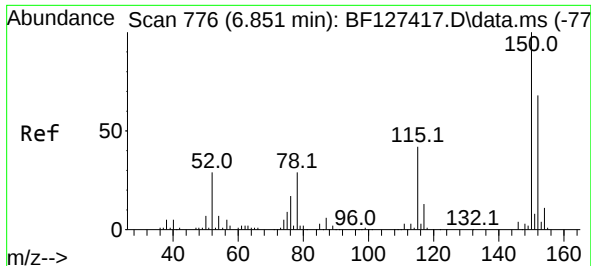
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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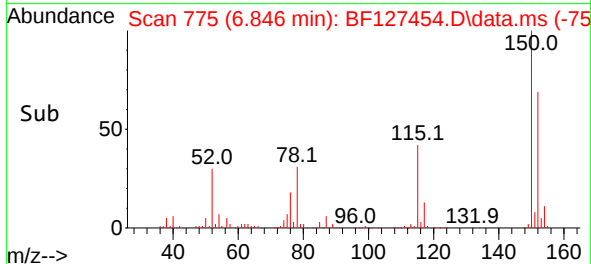
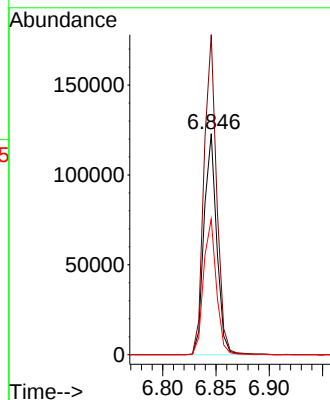
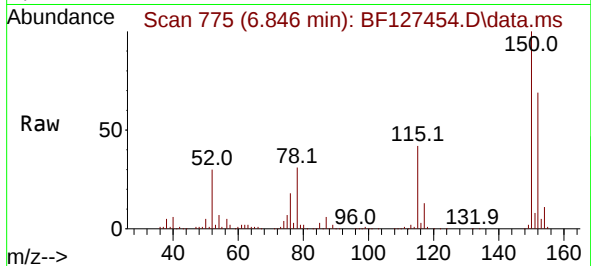




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 776
Delta R.T. -0.005 min
Lab File: BF127454.D
Acq: 22 Mar 2022 16:22

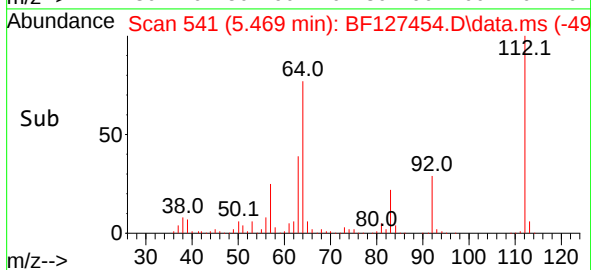
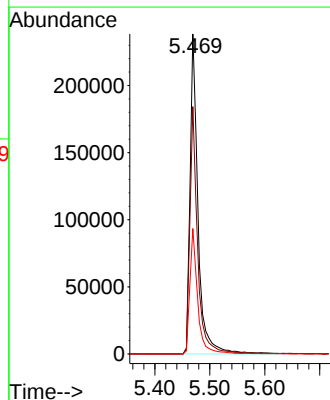
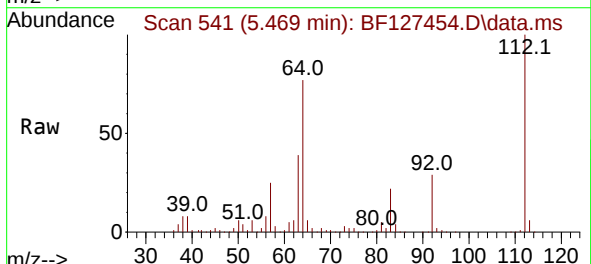
Instrument :
BNA_F
ClientSampleId :
FT-TOTTEN-MW-01-GW

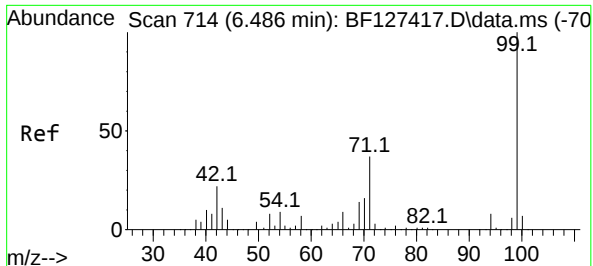
Tgt Ion:152 Resp: 102477
Ion Ratio Lower Upper
152 100
150 144.8 117.2 175.8
115 61.4 49.8 74.6



#5
2-Fluorophenol
Concen: 37.543 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.000 min
Lab File: BF127454.D
Acq: 22 Mar 2022 16:22

Tgt Ion:112 Resp: 241026
Ion Ratio Lower Upper
112 100
64 77.3 58.4 87.6
63 39.2 30.1 45.1





#7

Phenol-d6

Concen: 22.730 ng

RT: 6.475 min Scan# 714

Delta R.T. -0.012 min

Lab File: BF127454.D

Acq: 22 Mar 2022 16:22

Instrument :

BNA_F

ClientSampleId :

FT-TOTTEN-MW-01-GW

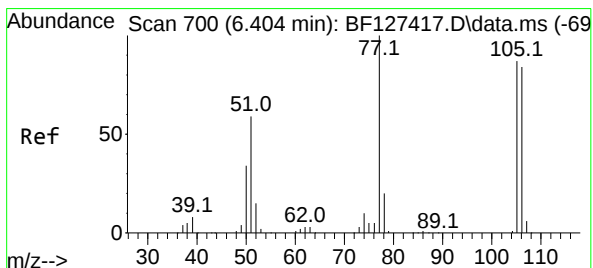
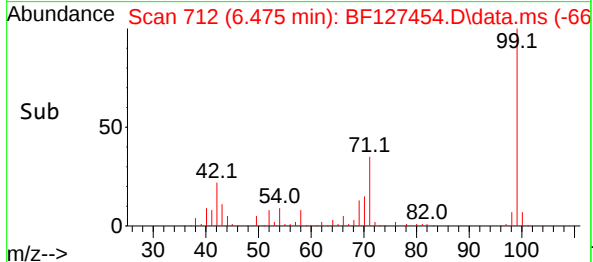
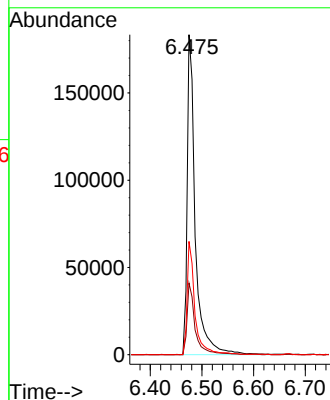
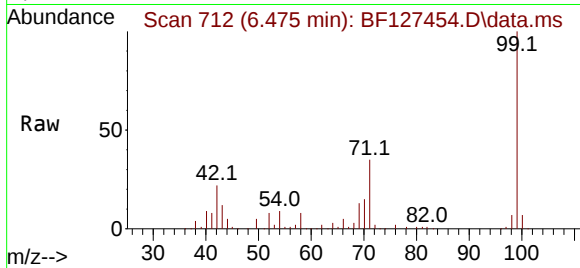
Tgt Ion: 99 Resp: 199471

Ion Ratio Lower Upper

99 100

42 22.4 17.8 26.6

71 35.4 29.6 44.4



#9

Benzaldehyde

Concen: Below Cal

RT: 6.481 min Scan# 713

Delta R.T. 0.077 min

Lab File: BF127454.D

Acq: 22 Mar 2022 16:22

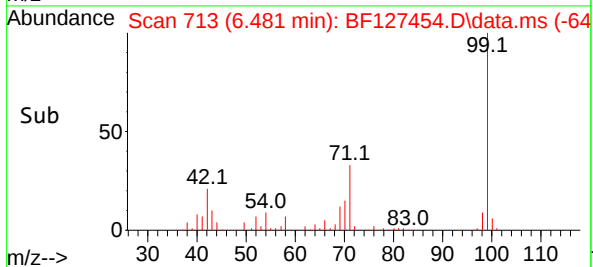
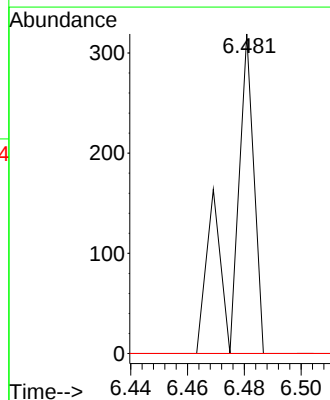
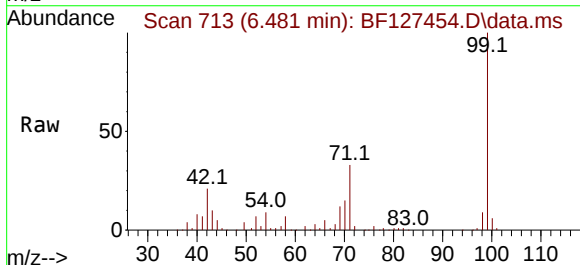
Tgt Ion: 77 Resp: 170

Ion Ratio Lower Upper

77 100

105 0.0 66.8 106.8#

106 0.0 64.3 104.3#





#19

n-Nitroso-di-n-propylamine

Concen: 18.996 ng

RT: 7.416 min Scan# 81

Delta R.T. 0.153 min

Lab File: BF127454.D

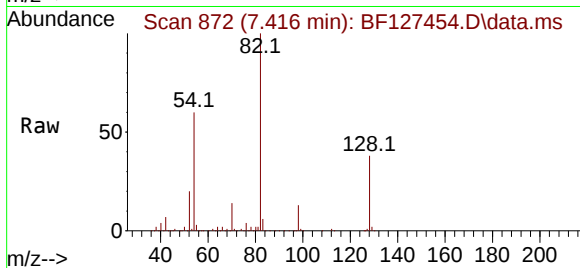
Acq: 22 Mar 2022 16:22

Instrument :

BNA_F

ClientSampleId :

FT-TOTTEN-MW-01-GW



Tgt Ion: 70 Resp: 99922

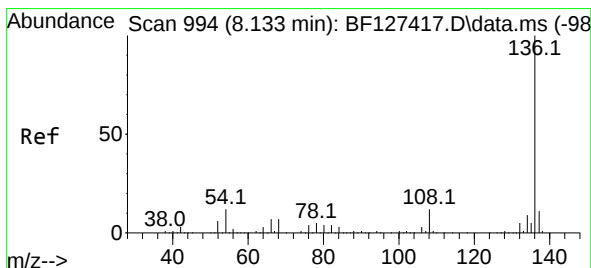
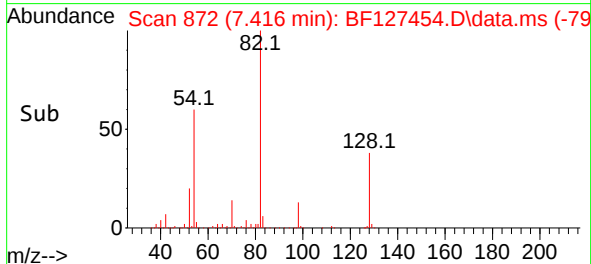
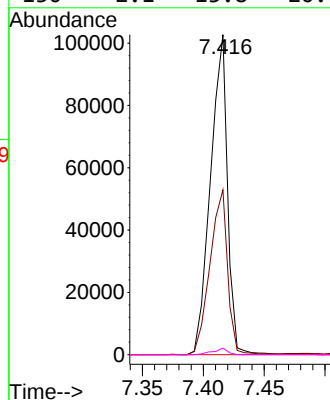
Ion Ratio Lower Upper

70 100

42 51.5 53.0 79.6#

101 0.0 6.8 10.2#

130 2.1 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: BF127454.D

Acq: 22 Mar 2022 16:22

Tgt Ion: 136 Resp: 394496

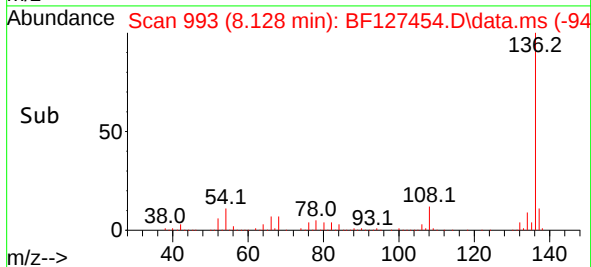
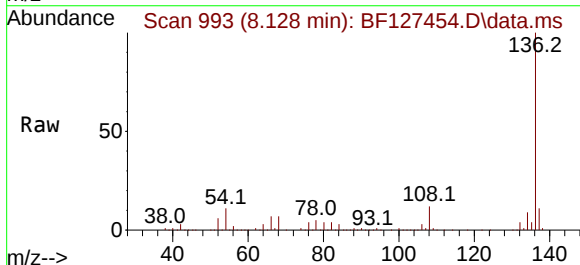
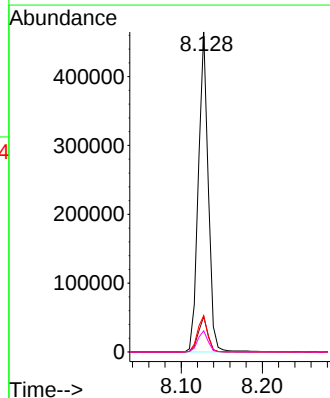
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 11.3 9.2 13.8

68 6.6 5.4 8.0





#23

Nitrobenzene-d5

Concen: 79.319 ng

RT: 7.416 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127454.D

Acq: 22 Mar 2022 16:22

Instrument :

BNA_F

ClientSampleId :

FT-TOTTEN-MW-01-GW

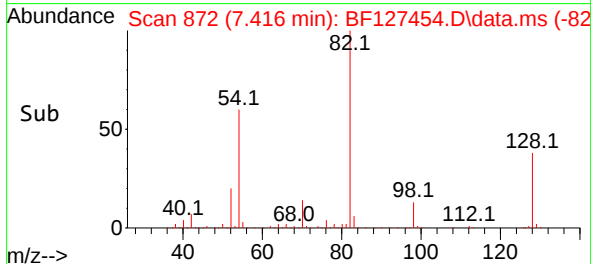
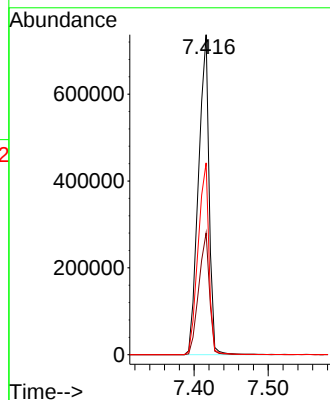
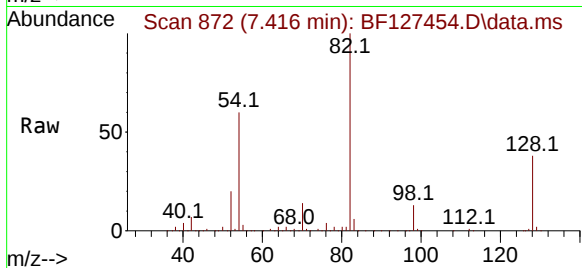
Tgt Ion: 82 Resp: 732031

Ion Ratio Lower Upper

82 100

128 38.1 30.6 45.8

54 60.0 48.2 72.2



#25

Isophorone

Concen: 49.801 ng

RT: 7.416 min Scan# 872

Delta R.T. -0.259 min

Lab File: BF127454.D

Acq: 22 Mar 2022 16:22

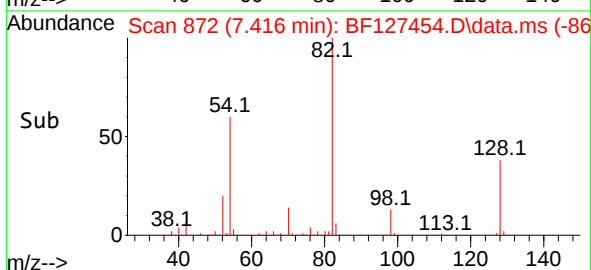
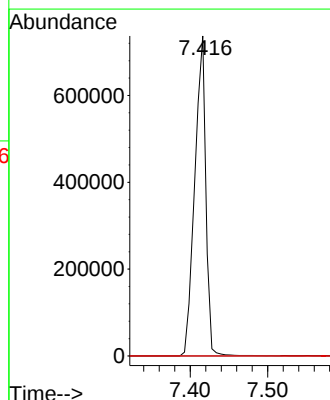
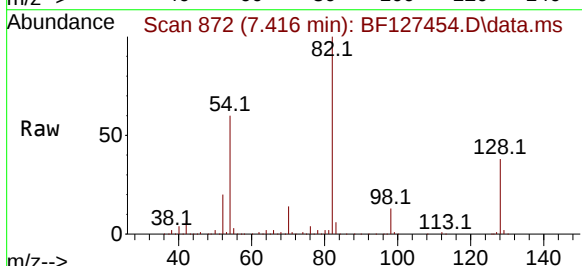
Tgt Ion: 82 Resp: 732022

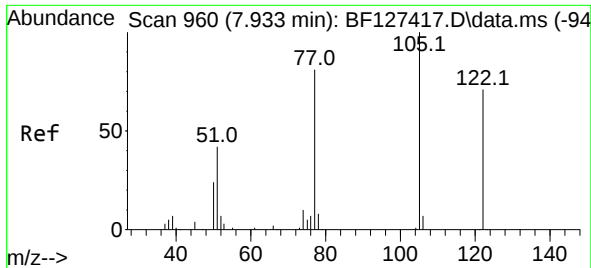
Ion Ratio Lower Upper

82 100

95 0.0 5.8 8.8#

138 0.0 11.6 17.4#

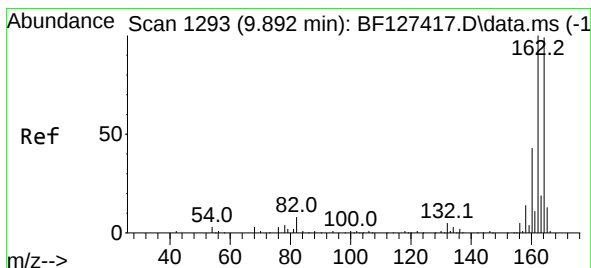
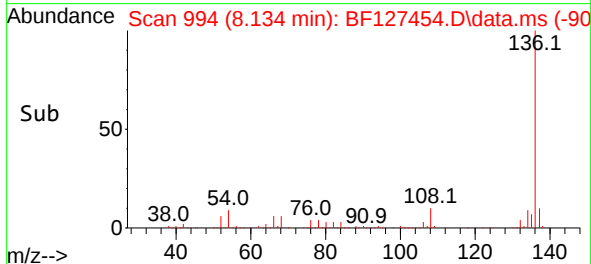
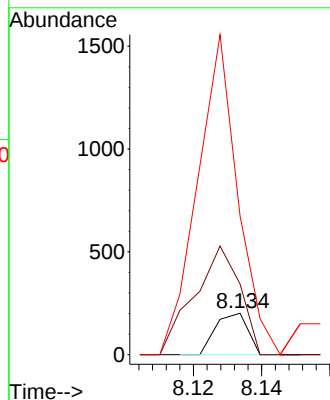
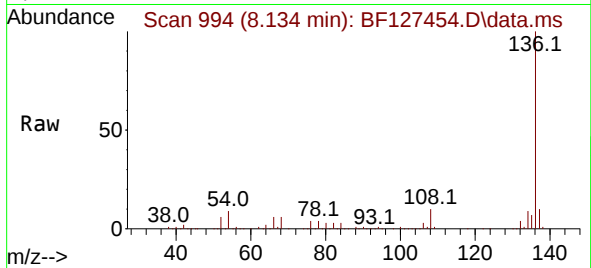




#32
Benzoic acid
Concen: 6.078 ng
RT: 8.134 min Scan# 994
Delta R.T. 0.201 min
Lab File: BF127454.D
Acq: 22 Mar 2022 16:22

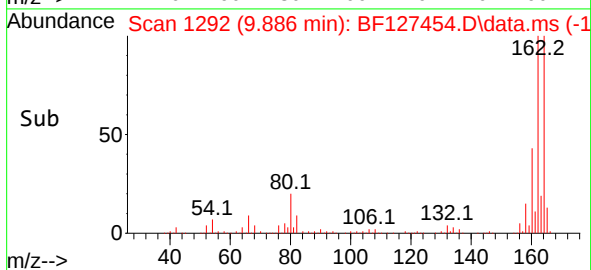
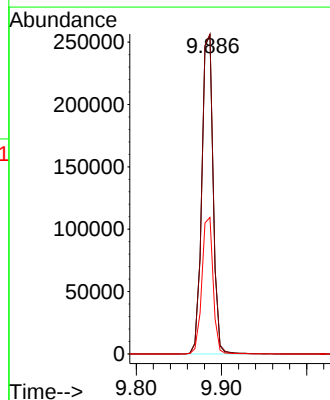
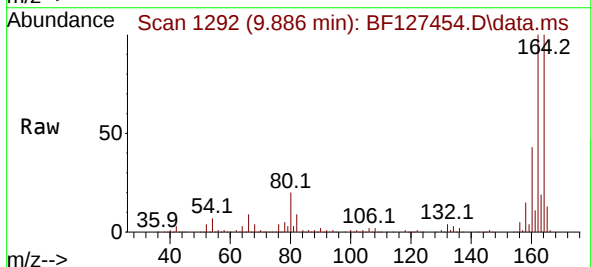
Instrument :
BNA_F
ClientSampleId :
FT-TOTTEN-MW-01-GW

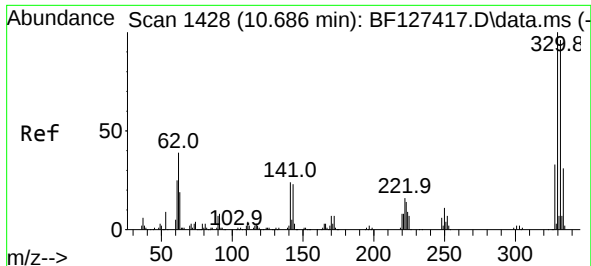
Tgt Ion:122 Resp: 132
Ion Ratio Lower Upper
122 100
105 171.1 117.1 157.1#
77 335.8 93.0 133.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF127454.D
Acq: 22 Mar 2022 16:22

Tgt Ion:164 Resp: 235832
Ion Ratio Lower Upper
164 100
162 100.4 81.2 121.8
160 42.8 34.6 52.0





#42

2,4,6-Tribromophenol

Concen: 87.410 ng

RT: 10.681 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127454.D

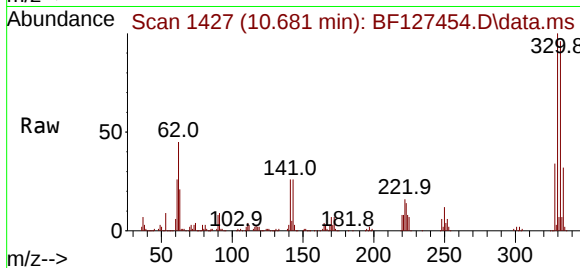
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Instrument :

BNA_F

ClientSampleId :

FT-TOTTEN-MW-01-GW



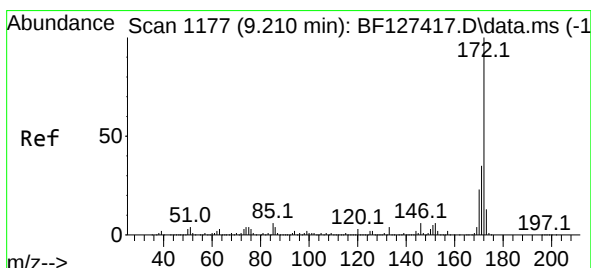
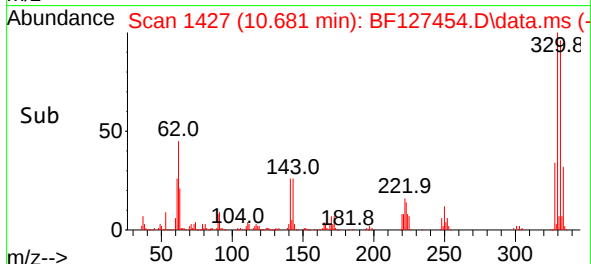
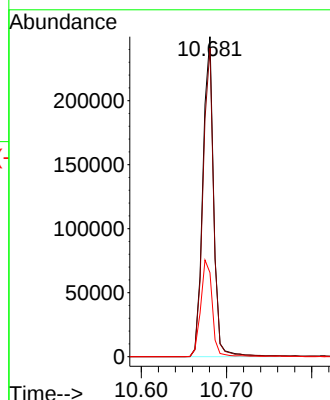
Tgt Ion:330 Resp: 219593

Ion Ratio Lower Upper

330 100

332 95.5 79.1 118.7

141 32.6 26.2 39.4



#45

2-Fluorobiphenyl

Concen: 78.012 ng

RT: 9.204 min Scan# 1176

Delta R.T. -0.006 min

Lab File: BF127454.D

Acq: 22 Mar 2022 16:22

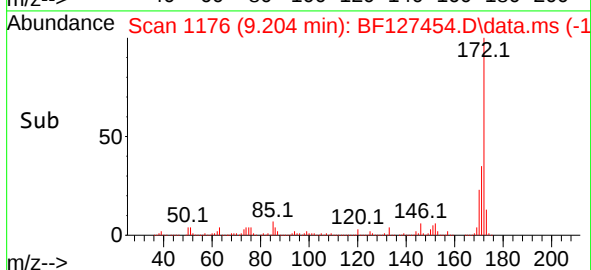
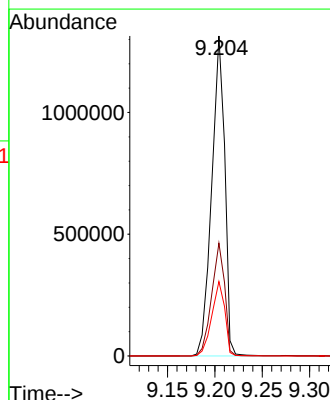
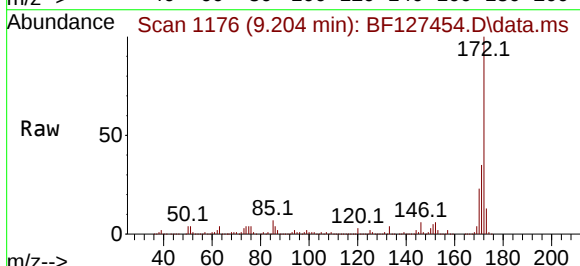
Tgt Ion:172 Resp: 1259915

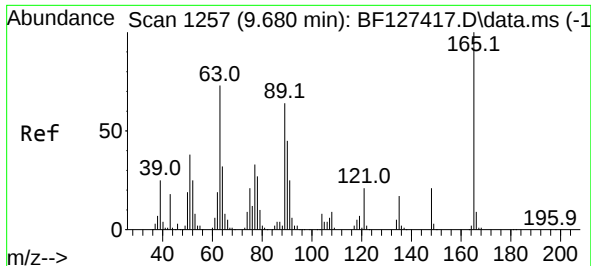
Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 23.3 18.6 27.8

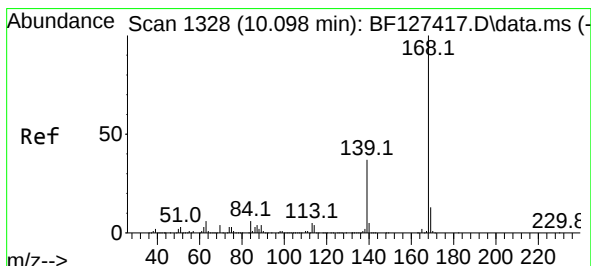
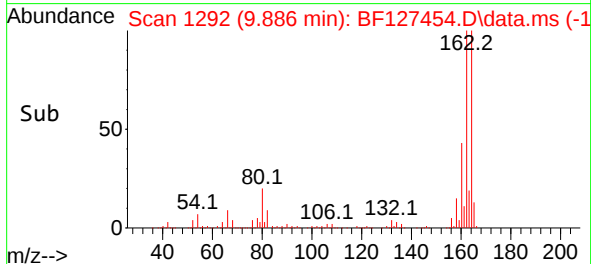
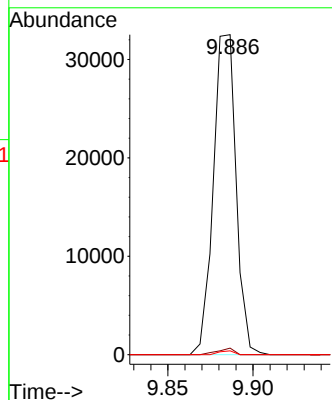
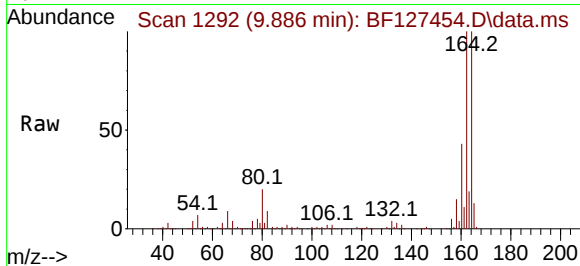




#51
2,6-Dinitrotoluene
Concen: 8.768 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF127454.D
Acq: 22 Mar 2022 16:22

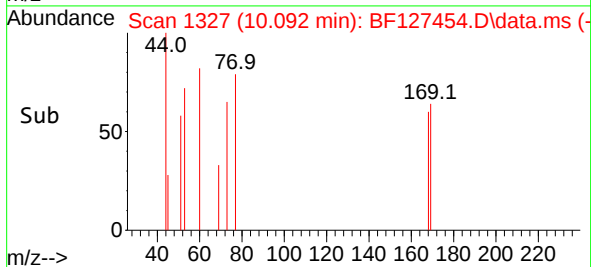
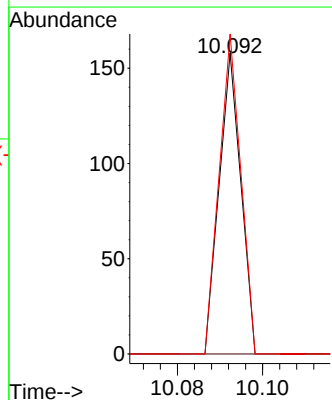
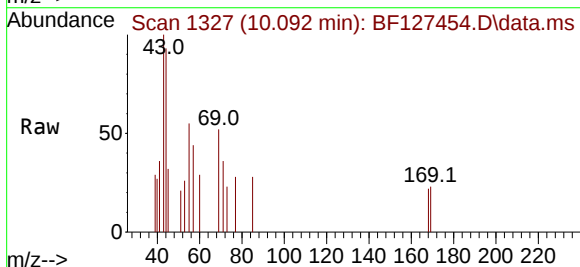
Instrument :
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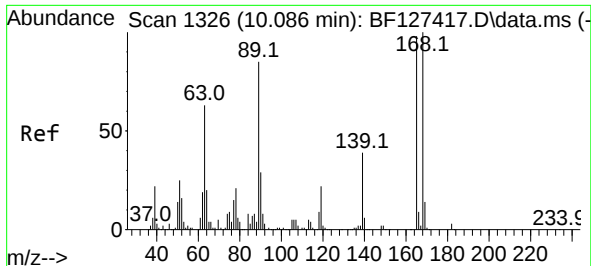
Tgt Ion:165 Resp: 30196
Ion Ratio Lower Upper
165 100
63 2.1 58.3 87.5#
89 1.2 51.5 77.3#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.092 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF127454.D
Acq: 22 Mar 2022 16:22

Tgt Ion:168 Resp: 56
Ion Ratio Lower Upper
168 100
139 0.0 30.3 45.5#
169 106.3 10.8 16.2#

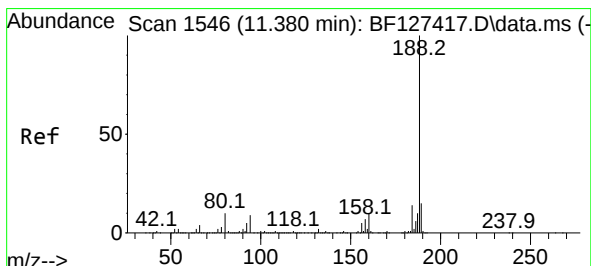
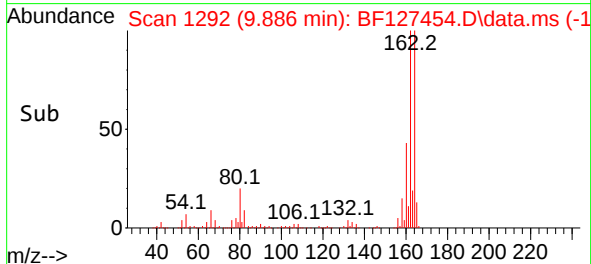
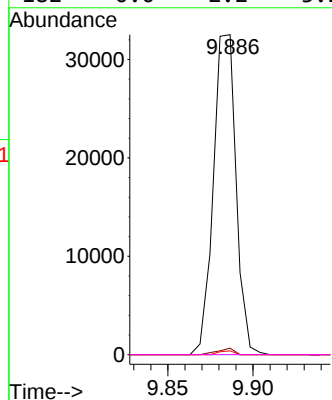
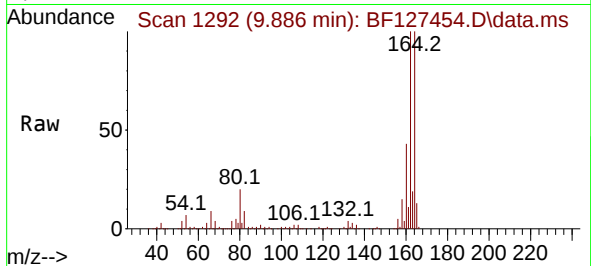




#57
2,4-Dinitrotoluene
Concen: 6.812 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF127454.D
Acq: 22 Mar 2022 16:22

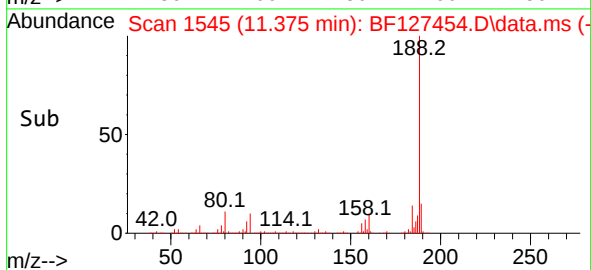
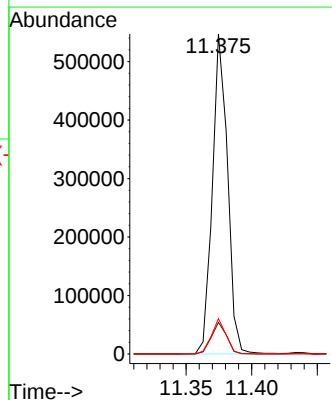
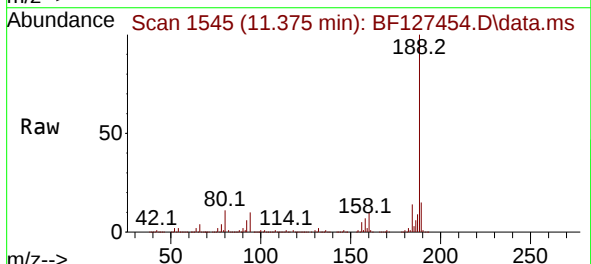
Instrument :
BNA_F
ClientSampleId :
FT-TOTTEN-MW-01-GW

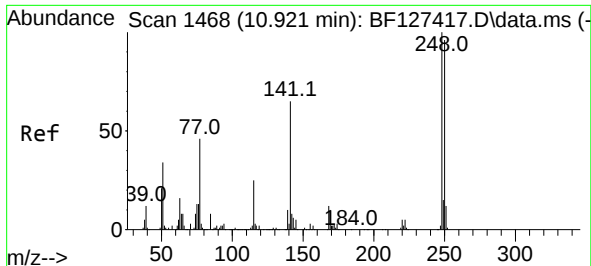
Tgt Ion:165 Resp: 30196
Ion Ratio Lower Upper
165 100
63 2.1 53.1 79.7#
89 1.2 69.2 103.8#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1545
Delta R.T. -0.005 min
Lab File: BF127454.D
Acq: 22 Mar 2022 16:22

Tgt Ion:188 Resp: 440201
Ion Ratio Lower Upper
188 100
94 9.9 7.4 11.0
80 11.0 8.0 12.0





#67

4-Bromophenyl-phenylether

Concen: 2.894 ng

RT: 10.681 min Scan# 1468

Delta R.T. -0.241 min

Lab File: BF127454.D

Acq: 22 Mar 2022 16:22

Instrument :

BNA_F

ClientSampleId :

FT-TOTTEN-MW-01-GW

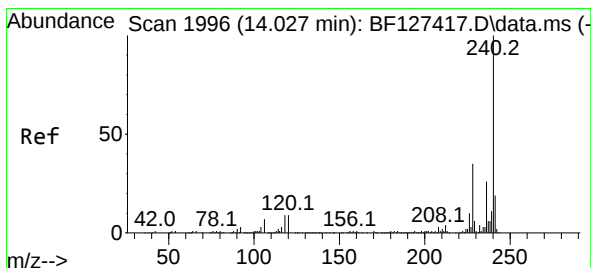
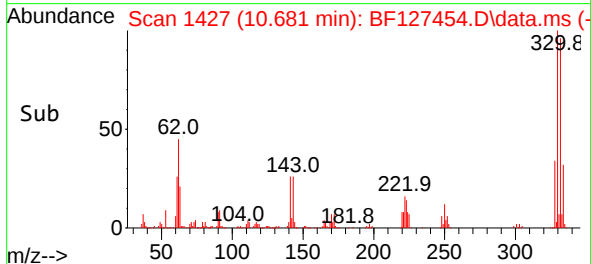
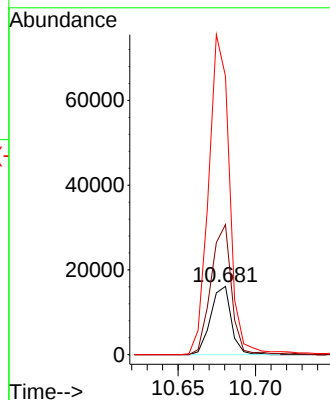
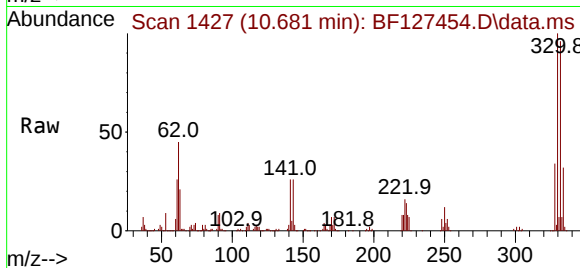
Tgt Ion:248 Resp: 14872

Ion Ratio Lower Upper

248 100

250 190.5 76.6 115.0#

141 407.8 52.2 78.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.022 min Scan# 1995

Delta R.T. -0.006 min

Lab File: BF127454.D

Acq: 22 Mar 2022 16:22

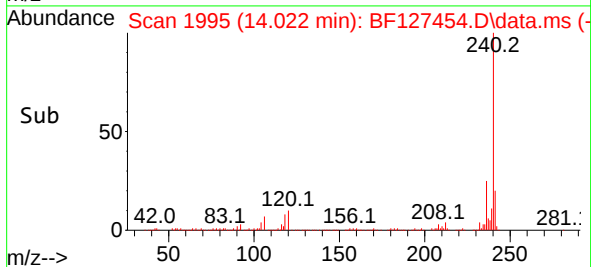
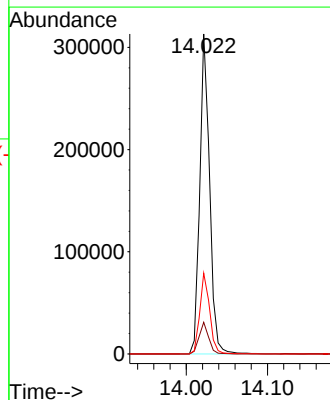
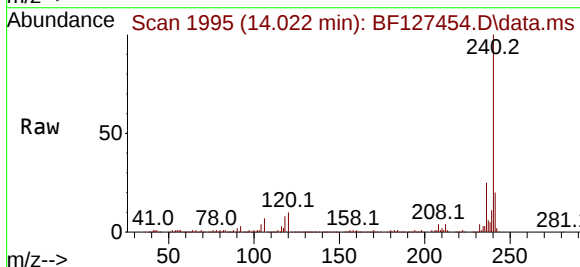
Tgt Ion:240 Resp: 263762

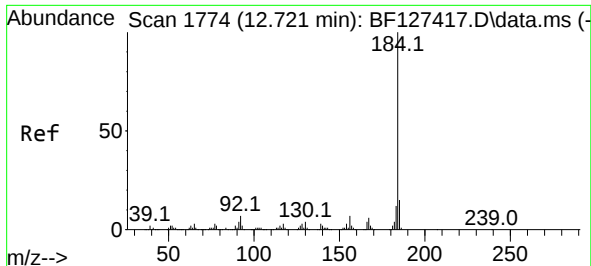
Ion Ratio Lower Upper

240 100

120 9.9 7.1 10.7

236 25.3 20.7 31.1

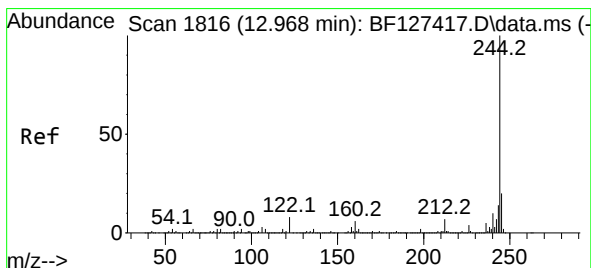
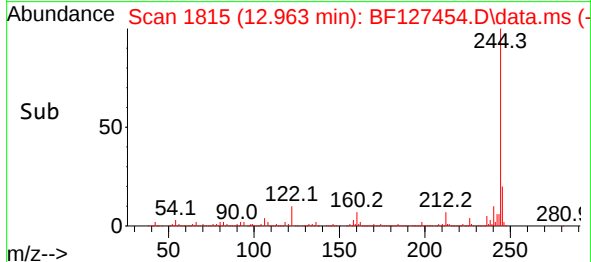
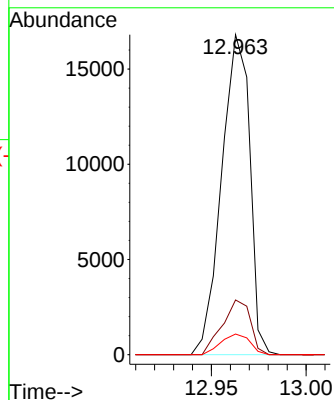
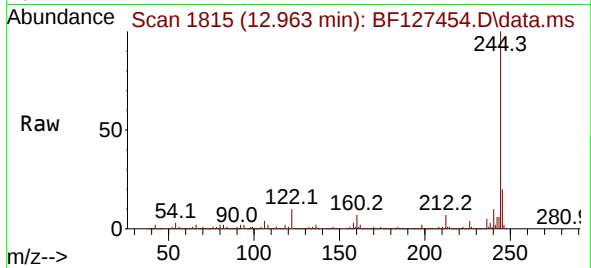




#77
Benzidine
Concen: 2.763 ng
RT: 12.963 min Scan# 1815
Delta R.T. 0.241 min
Lab File: BF127454.D
Acq: 22 Mar 2022 16:22

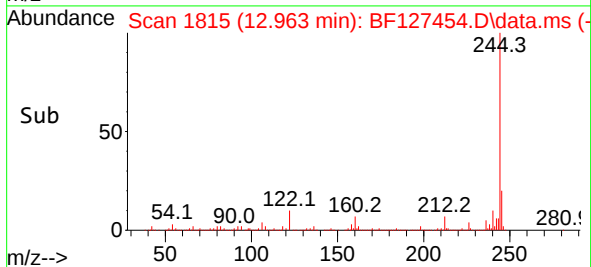
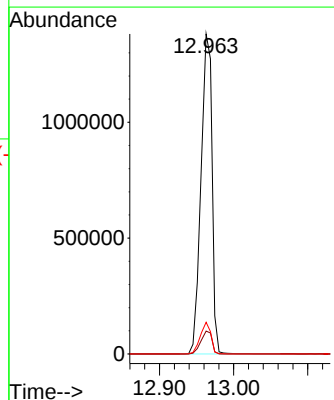
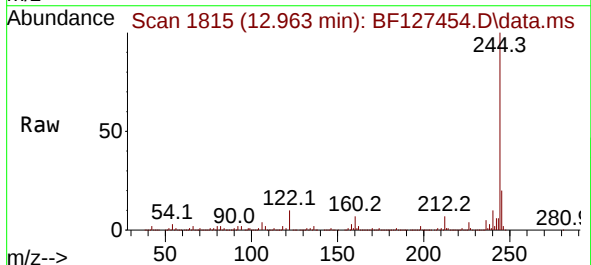
Instrument :
BNA_F
ClientSampleId :
FT-TOTTEN-MW-01-GW

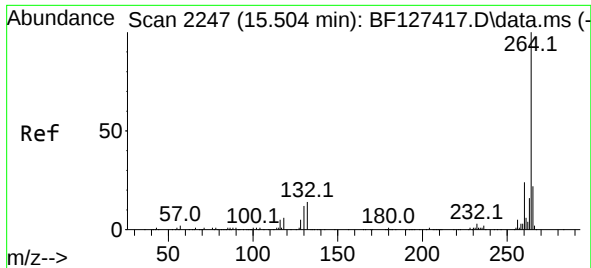
Tgt Ion:184 Resp: 17376
Ion Ratio Lower Upper
184 100
185 17.1 12.2 18.2
183 6.4 9.4 14.0#



#79
Terphenyl-d14
Concen: 88.669 ng
RT: 12.963 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF127454.D
Acq: 22 Mar 2022 16:22

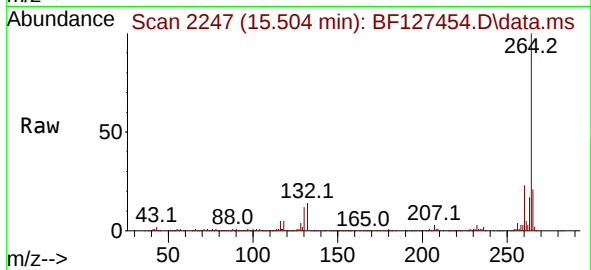
Tgt Ion:244 Resp: 1428670
Ion Ratio Lower Upper
244 100
212 7.1 5.7 8.5
122 9.9 6.2 9.2#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF127454.D
 Acq: 22 Mar 2022 16:22

Instrument :
 BNA_F
 ClientSampleId :
 FT-TOTTEN-MW-01-GW



Tgt Ion:264 Resp: 219654
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.1 28.7
 265 21.3 17.4 26.2

