

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042822\
 Data File : BF127982.D
 Acq On : 28 Apr 2022 15:48
 Operator : CG\JU
 Sample : N2577-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GT-06-(8.5-10)

Quant Time: Apr 28 17:25:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 28 05:13:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

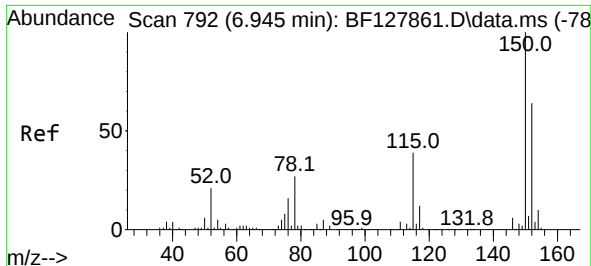
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	81330	20.000	ng	0.00
21) Naphthalene-d8	8.222	136	282525	20.000	ng	# 0.00
39) Acenaphthene-d10	9.975	164	175739	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	339486	20.000	ng	0.00
76) Chrysene-d12	14.110	240	191046	20.000	ng	0.00
86) Perylene-d12	15.616	264	189555	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	600406	117.585	ng	0.00
7) Phenol-d6	6.551	99	785020	118.483	ng	-0.01
23) Nitrobenzene-d5	7.498	82	552086	91.890	ng	0.00
42) 2,4,6-Tribromophenol	10.769	330	209060	118.172	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	817843	78.729	ng	0.00
79) Terphenyl-d14	13.051	244	953703	91.282	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.469	77	9946	2.427	ng	# 6
15) Benzyl Alcohol	7.075	79	11931	2.648	ng	# 52
18) Hexachloroethane	7.463	117	81385	36.356	ng	# 1
19) n-Nitroso-di-n-propyla...	7.357	70	45577	11.237	ng	# 67
24) Nitrobenzene	7.504	77	17965	3.103	ng	# 36
25) Isophorone	7.740	82	108203	10.700	ng	# 1
26) 2-Nitrophenol	7.828	139	6907	2.800	ng	# 1
27) 2,4-Dimethylphenol	7.875	122	15691	3.829	ng	# 47
29) 2,4-Dichlorophenol	8.063	162	11198	2.609	ng	# 1
32) Benzoic acid	8.004	122	8445	2.875	ng	# 19
35) Caprolactam	8.669	113	10246	7.394	ng	# 1
37) 2-Methylnaphthalene	8.934	142	382465	40.218	ng	98
38) 1-Methylnaphthalene	9.034	142	352760	38.163	ng	99
56) 4-Nitrophenol	10.081	139	11949	5.522	ng	# 37
58) Fluorene	10.522	166	32244	2.939	ng	# 94
66) n-Nitrosodiphenylamine	10.634	169	21504	2.036	ng	# 49
67) 4-Bromophenyl-phenylether	10.769	248	13115	3.485	ng	# 1
71) Phenanthrene	11.486	178	37306	2.099	ng	97
72) Anthracene	11.486	178	37306	2.107	ng	95

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

GT-06-(8.5-10)

Response via : Initial Calibration

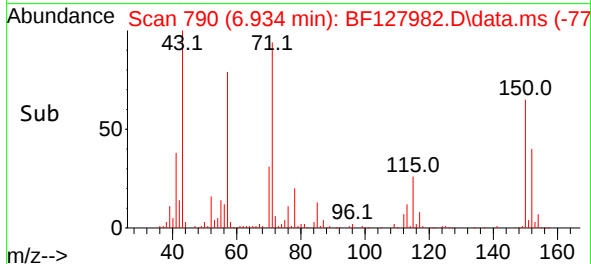
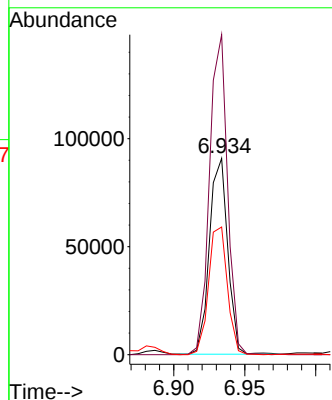
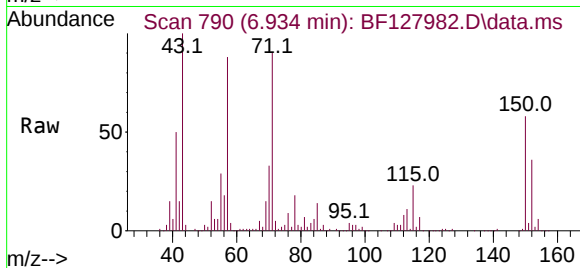




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.934 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: BF127982.D
 Acq: 28 Apr 2022 15:48

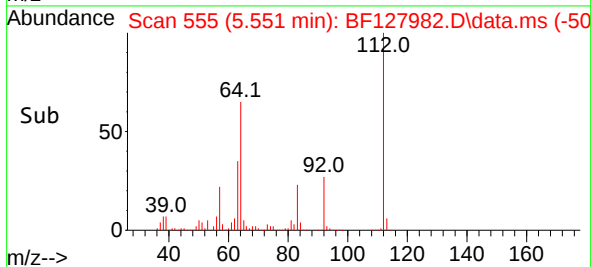
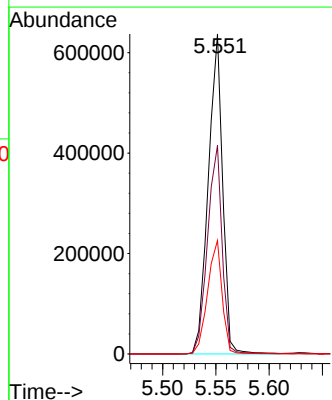
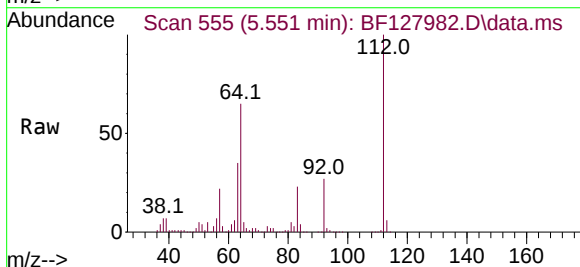
Instrument :
 BNA_F
 ClientSampleId :
 GT-06-(8.5-10)

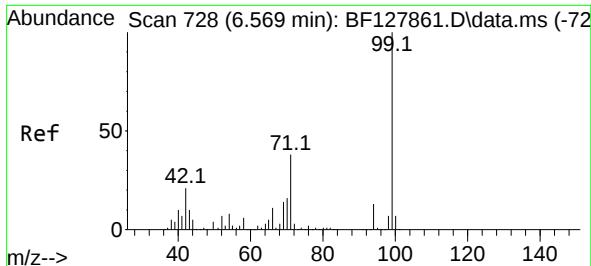
Tgt Ion:152 Resp: 81330
 Ion Ratio Lower Upper
 152 100
 150 162.9 125.3 187.9
 115 65.1 48.8 73.2



#5
 2-Fluorophenol
 Concen: 117.585 ng
 RT: 5.551 min Scan# 555
 Delta R.T. 0.000 min
 Lab File: BF127982.D
 Acq: 28 Apr 2022 15:48

Tgt Ion:112 Resp: 600406
 Ion Ratio Lower Upper
 112 100
 64 65.2 49.5 74.3
 63 35.5 26.3 39.5





#7

Phenol-d6

Concen: 118.483 ng

RT: 6.551 min Scan# 711

Delta R.T. -0.012 min

Lab File: BF127982.D

Acq: 28 Apr 2022 15:48

Instrument :

BNA_F

ClientSampleId :

GT-06-(8.5-10)

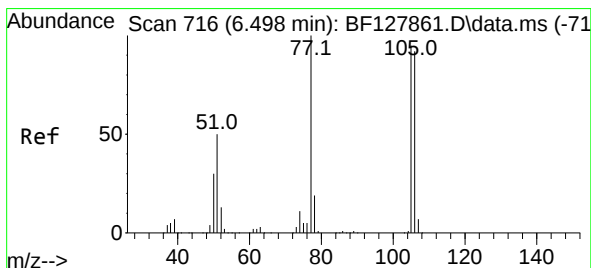
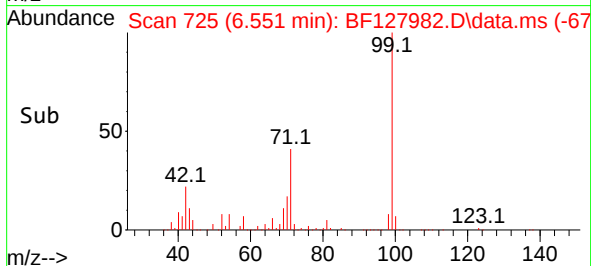
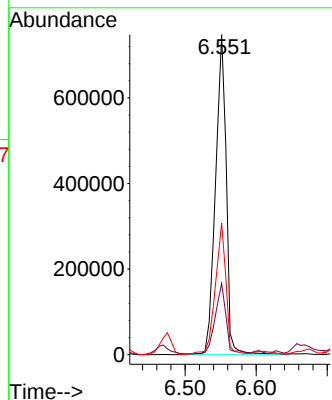
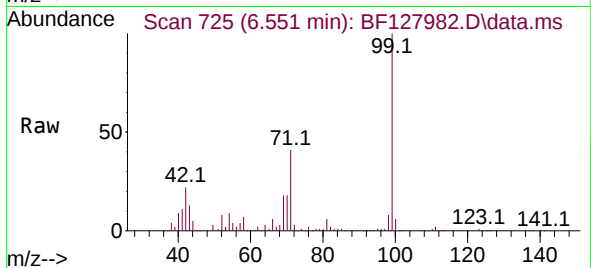
Tgt Ion: 99 Resp: 785020

Ion Ratio Lower Upper

99 100

42 22.3 16.6 24.8

71 41.1 30.0 45.0



#9

Benzaldehyde

Concen: 2.427 ng

RT: 6.469 min Scan# 711

Delta R.T. -0.017 min

Lab File: BF127982.D

Acq: 28 Apr 2022 15:48

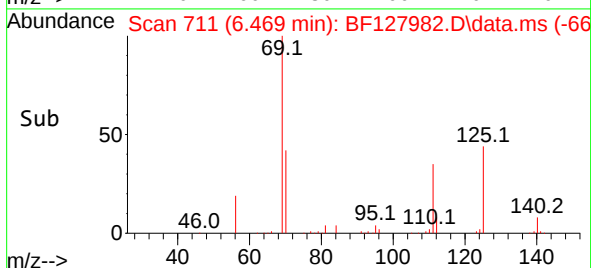
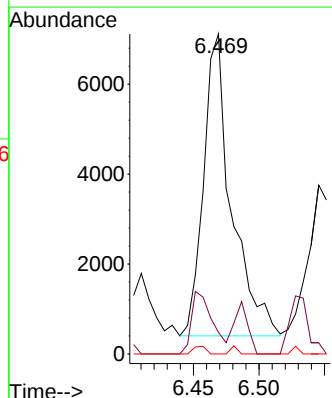
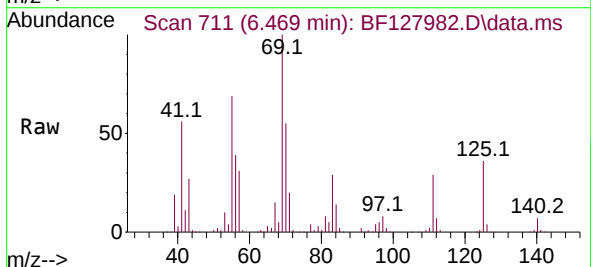
Tgt Ion: 77 Resp: 9946

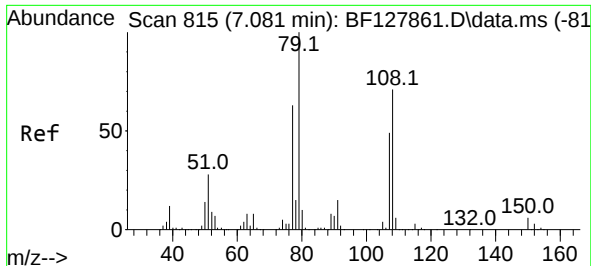
Ion Ratio Lower Upper

77 100

105 6.8 74.9 114.9#

106 0.0 72.2 112.2#

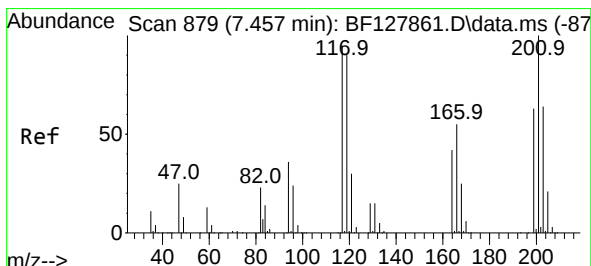
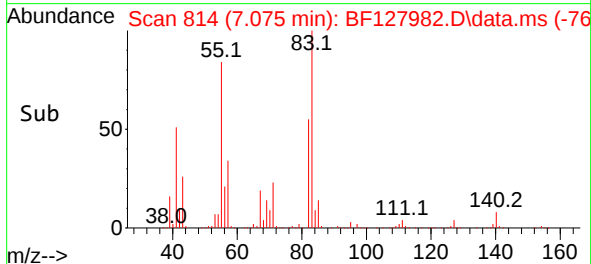
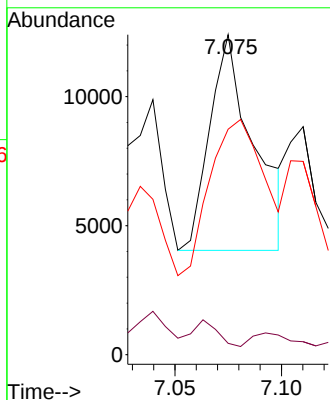
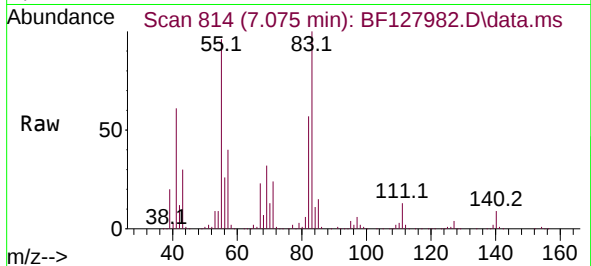




#15
Benzyl Alcohol
Concen: 2.648 ng
RT: 7.075 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF127982.D
Acq: 28 Apr 2022 15:48

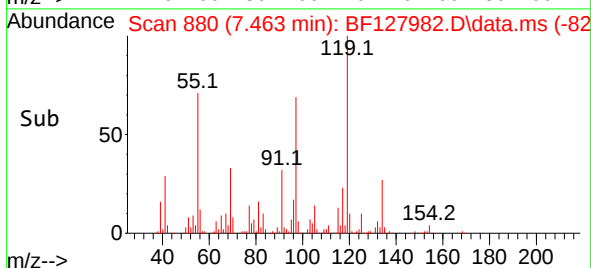
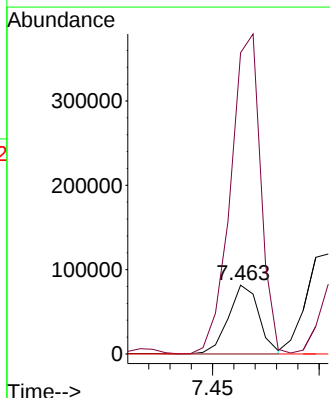
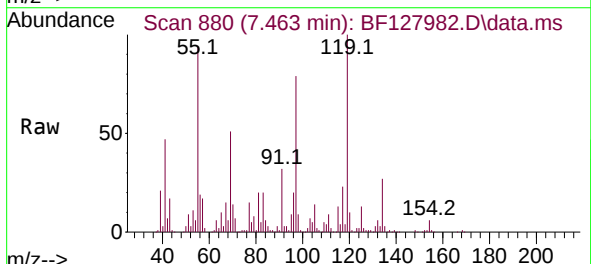
Instrument :
BNA_F
ClientSampleId :
GT-06-(8.5-10)

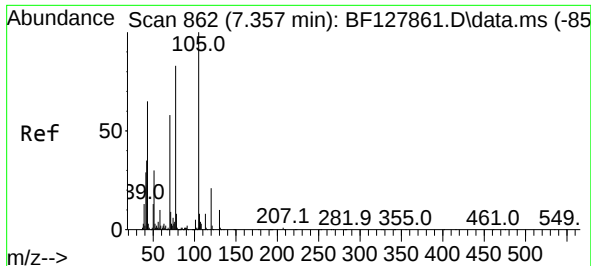
Tgt Ion: 79 Resp: 11931
Ion Ratio Lower Upper
79 100
108 3.5 57.0 85.6#
77 70.4 50.2 75.4



#18
Hexachloroethane
Concen: 36.356 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.018 min
Lab File: BF127982.D
Acq: 28 Apr 2022 15:48

Tgt Ion: 117 Resp: 81385
Ion Ratio Lower Upper
117 100
119 438.3 76.2 114.4#
201 0.0 84.4 126.6#



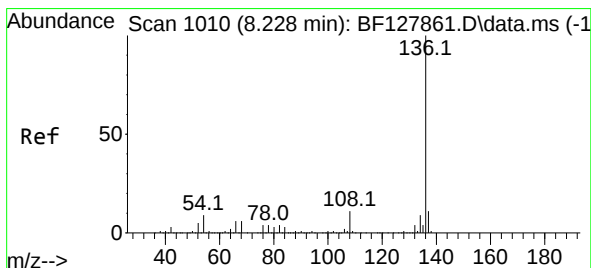
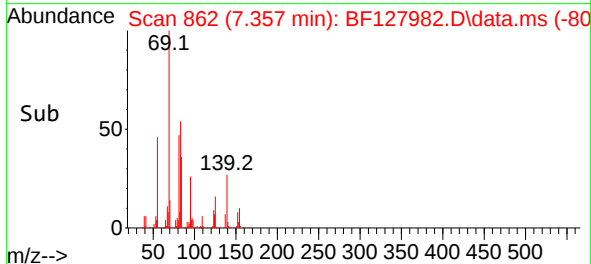
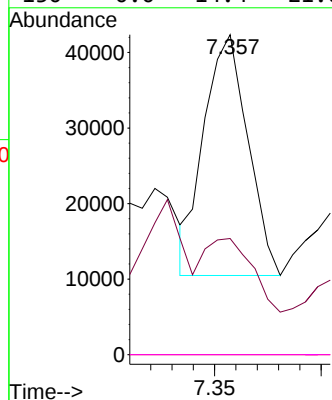
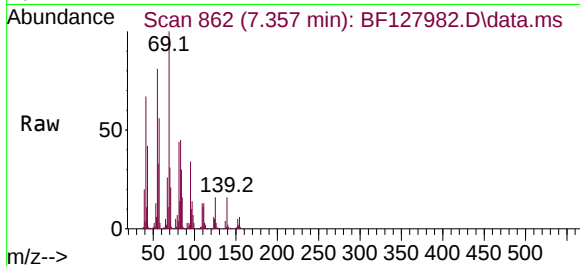


#19
n-Nitroso-di-n-propylamine
Concen: 11.237 ng
RT: 7.357 min Scan# 80
Delta R.T. 0.012 min
Lab File: BF127982.D
Acq: 28 Apr 2022 15:48

Instrument :
BNA_F
ClientSampleId :
GT-06-(8.5-10)

Tgt Ion: 70 Resp: 45577

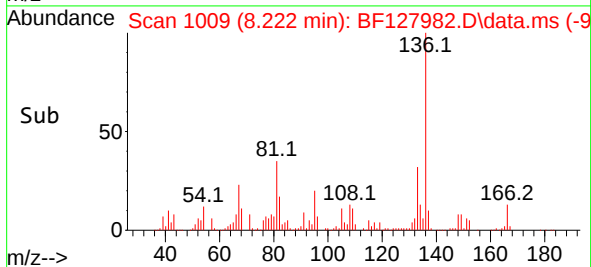
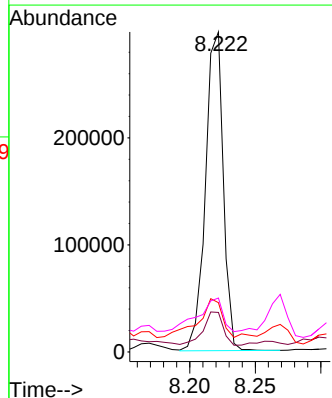
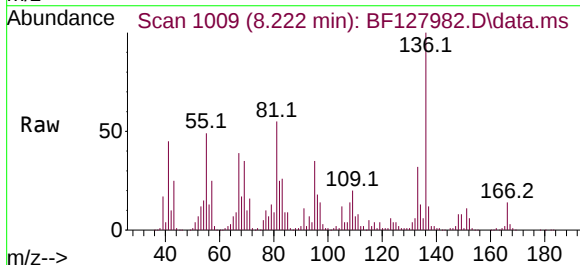
Ion	Ratio	Lower	Upper
70	100		
42	36.3	48.7	73.1#
101	0.0	7.2	10.8#
130	0.0	14.4	21.6#

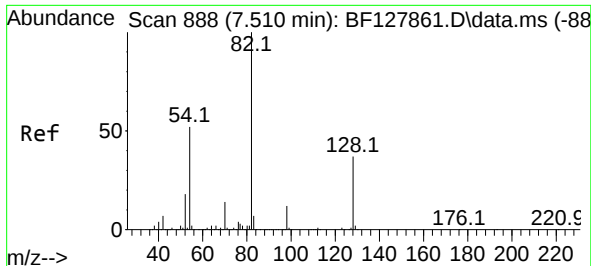


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.222 min Scan# 1009
Delta R.T. 0.006 min
Lab File: BF127982.D
Acq: 28 Apr 2022 15:48

Tgt Ion: 136 Resp: 282525

Ion	Ratio	Lower	Upper
136	100		
137	12.3	8.6	13.0
54	15.4	6.8	10.2#
68	16.9	5.1	7.7#

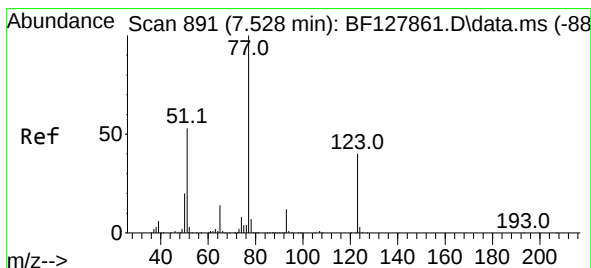
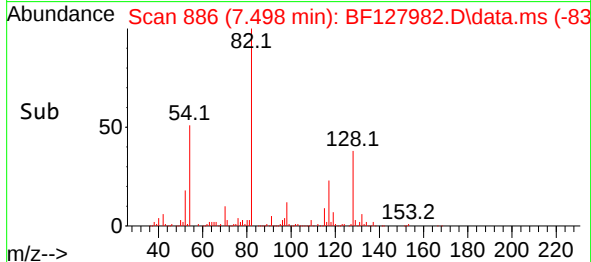
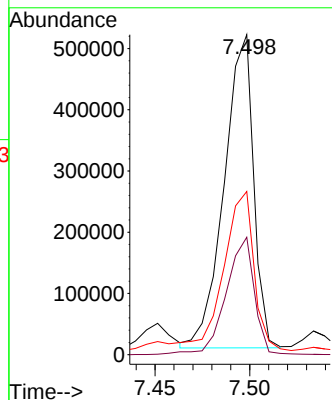
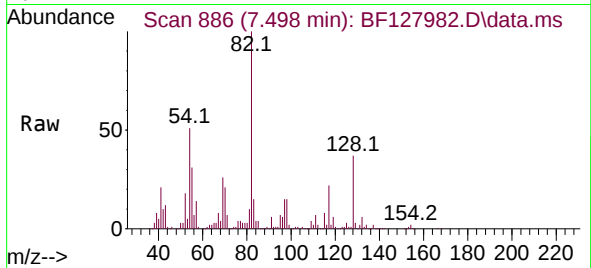




#23
Nitrobenzene-d5
Concen: 91.890 ng
RT: 7.498 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF127982.D
Acq: 28 Apr 2022 15:48

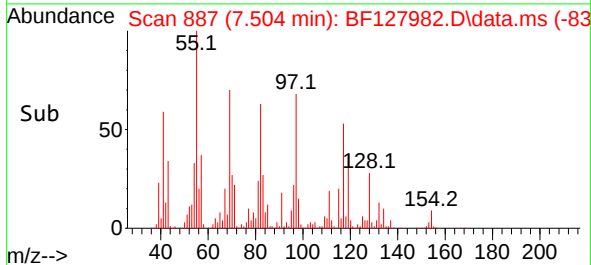
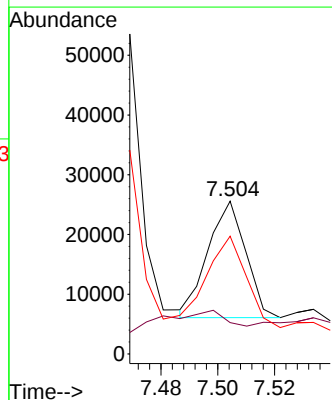
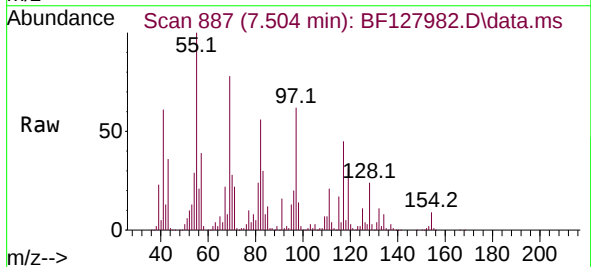
Instrument :
BNA_F
ClientSampleId :
GT-06-(8.5-10)

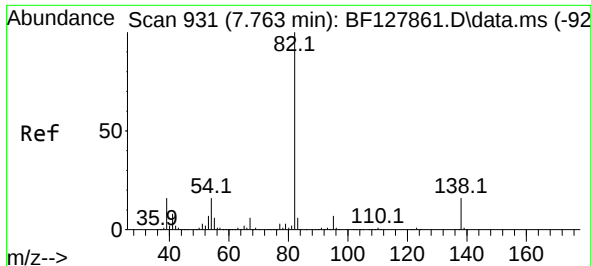
Tgt Ion: 82 Resp: 552086
Ion Ratio Lower Upper
82 100
128 36.7 30.0 45.0
54 51.0 41.3 61.9



#24
Nitrobenzene
Concen: 3.103 ng
RT: 7.504 min Scan# 887
Delta R.T. -0.017 min
Lab File: BF127982.D
Acq: 28 Apr 2022 15:48

Tgt Ion: 77 Resp: 17965
Ion Ratio Lower Upper
77 100
123 20.5 32.0 48.0#
65 77.1 11.0 16.6#

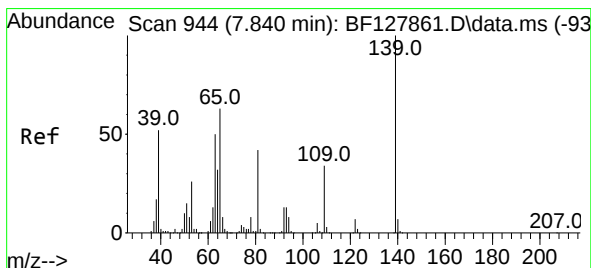
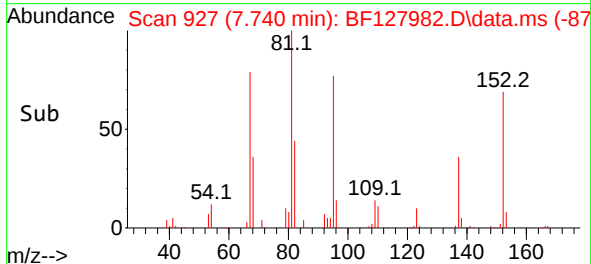
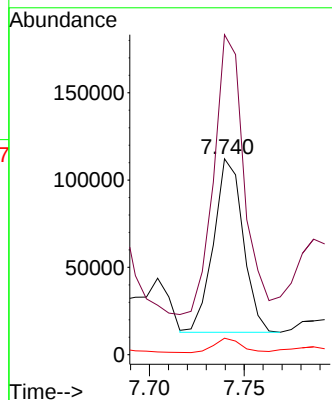
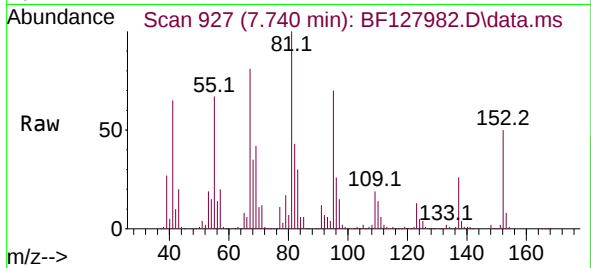




#25
Isophorone
Concen: 10.700 ng
RT: 7.740 min Scan# 91
Delta R.T. -0.017 min
Lab File: BF127982.D
Acq: 28 Apr 2022 15:48

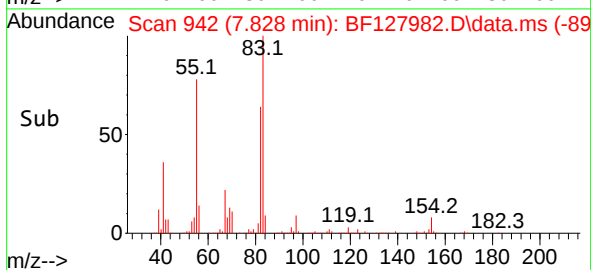
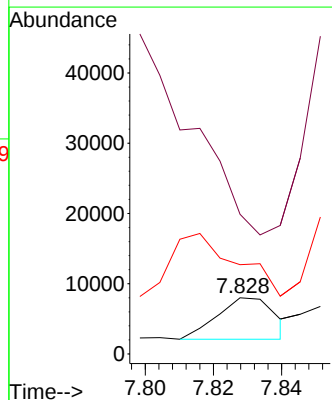
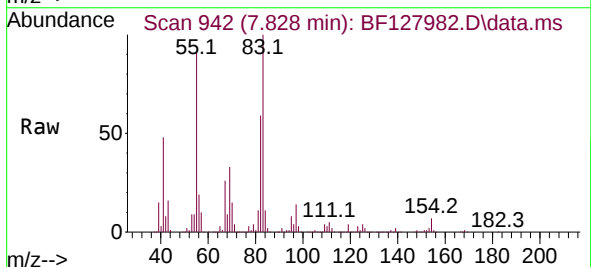
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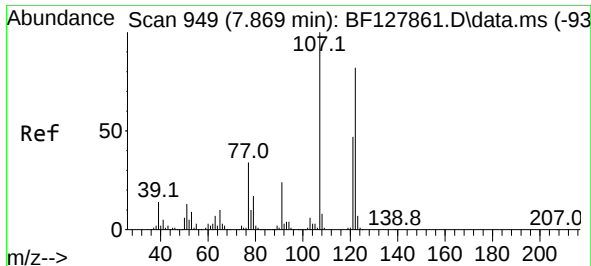
Tgt Ion: 82 Resp: 108203
Ion Ratio Lower Upper
82 100
95 163.4 5.6 8.4#
138 8.4 12.5 18.7#



#26
2-Nitrophenol
Concen: 2.800 ng
RT: 7.828 min Scan# 942
Delta R.T. -0.006 min
Lab File: BF127982.D
Acq: 28 Apr 2022 15:48

Tgt Ion:139 Resp: 6907
Ion Ratio Lower Upper
139 100
109 248.6 27.4 41.2#
65 159.0 50.8 76.2#

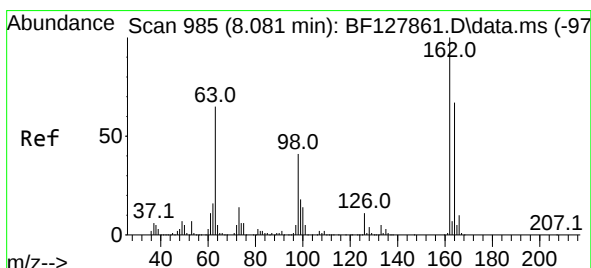
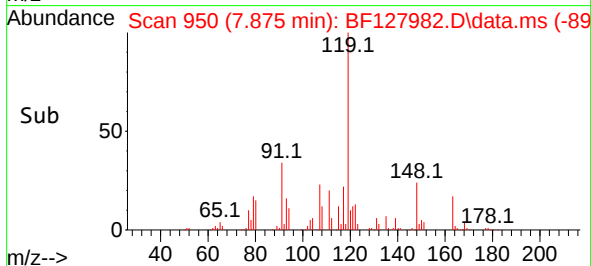
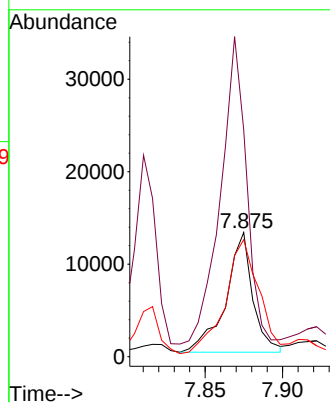
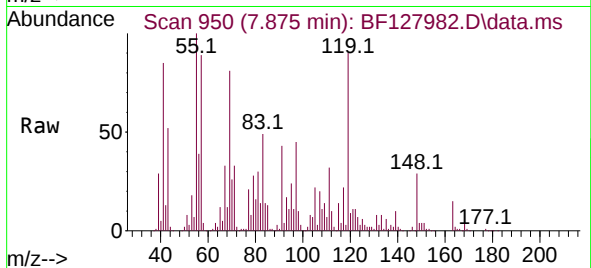




#27
2,4-Dimethylphenol
Concen: 3.829 ng
RT: 7.875 min Scan# 91
Delta R.T. 0.012 min
Lab File: BF127982.D
Acq: 28 Apr 2022 15:48

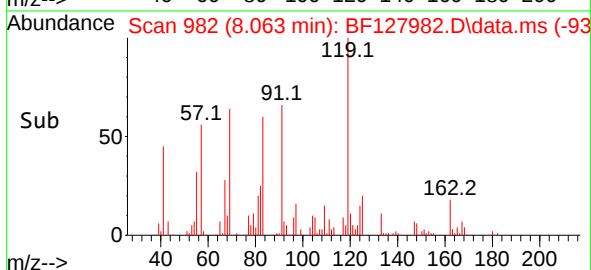
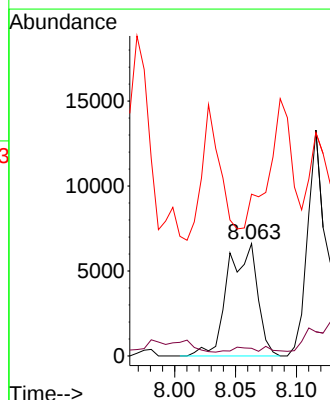
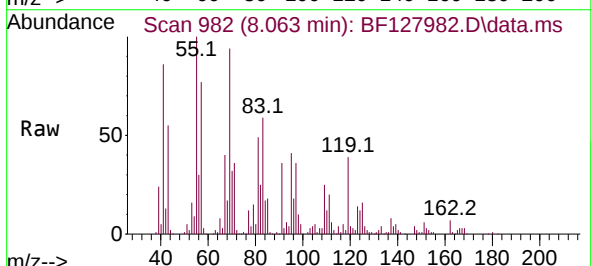
Instrument :
BNA_F
ClientSampleId :
GT-06-(8.5-10)

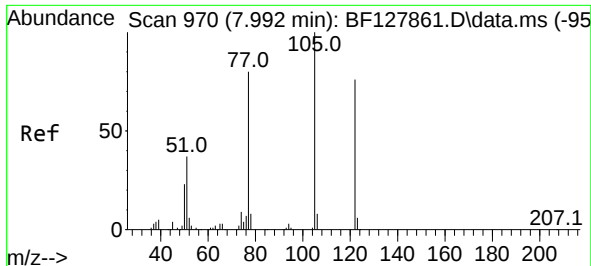
Tgt Ion:122 Resp: 15691
Ion Ratio Lower Upper
122 100
107 182.7 97.5 146.3#
121 94.2 46.0 69.0#



#29
2,4-Dichlorophenol
Concen: 2.609 ng
RT: 8.063 min Scan# 982
Delta R.T. -0.012 min
Lab File: BF127982.D
Acq: 28 Apr 2022 15:48

Tgt Ion:162 Resp: 11198
Ion Ratio Lower Upper
162 100
164 6.9 47.1 87.1#
98 144.0 20.7 60.7#

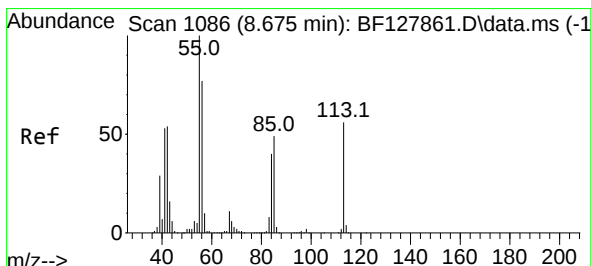
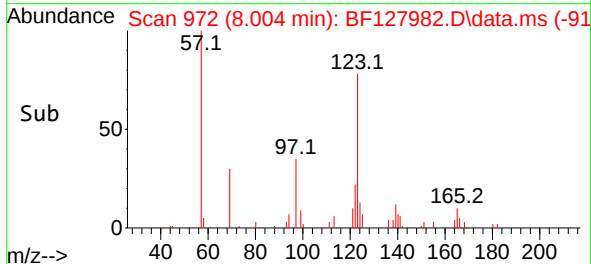
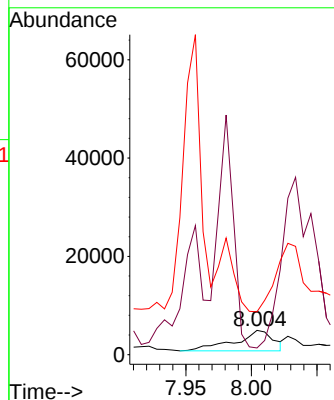
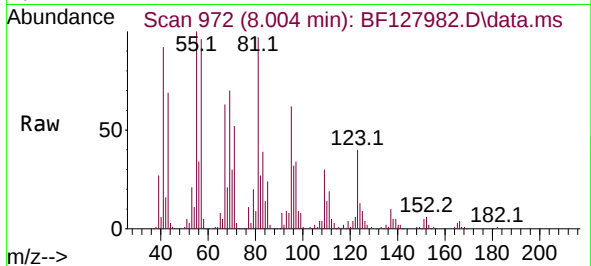




#32
Benzoic acid
Concen: 2.875 ng
RT: 8.004 min Scan# 91
Delta R.T. 0.018 min
Lab File: BF127982.D
Acq: 28 Apr 2022 15:48

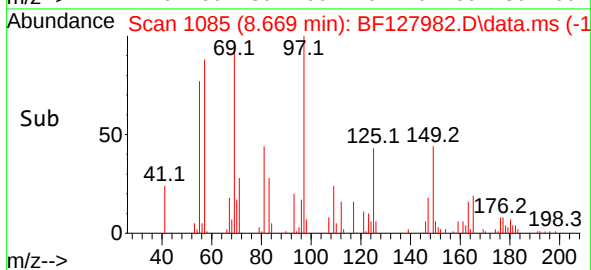
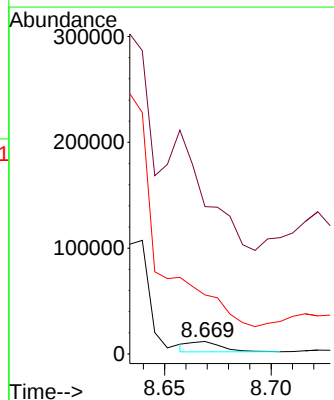
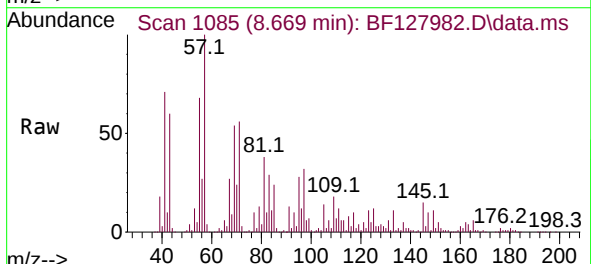
Instrument :
BNA_F
ClientSampleId :
GT-06-(8.5-10)

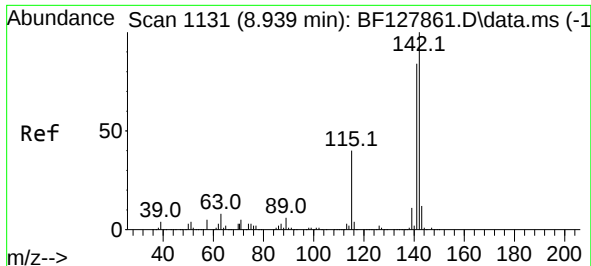
Tgt Ion:122 Resp: 8445
Ion Ratio Lower Upper
122 100
105 27.8 107.9 147.9#
77 177.0 82.5 122.5#



#35
Caprolactam
Concen: 7.394 ng
RT: 8.669 min Scan# 1085
Delta R.T. 0.000 min
Lab File: BF127982.D
Acq: 28 Apr 2022 15:48

Tgt Ion:113 Resp: 10246
Ion Ratio Lower Upper
113 100
55 1175.7 157.4 197.4#
56 471.3 116.1 156.1#

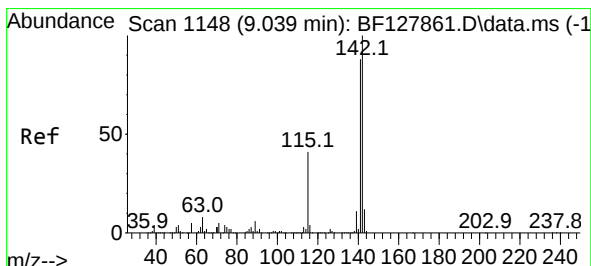
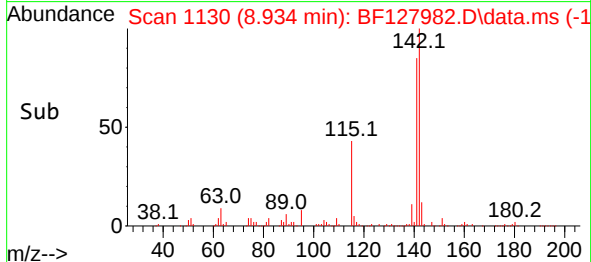
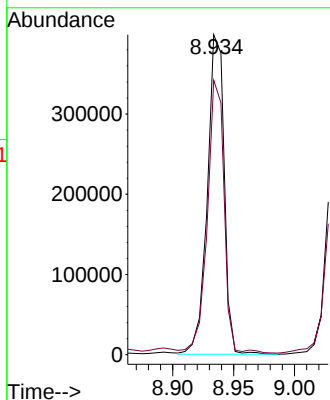
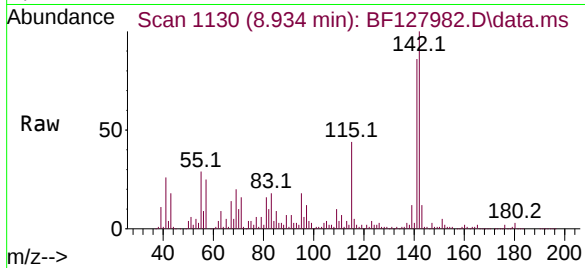




#37
2-Methylnaphthalene
Concen: 40.218 ng
RT: 8.934 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BF127982.D
Acq: 28 Apr 2022 15:48

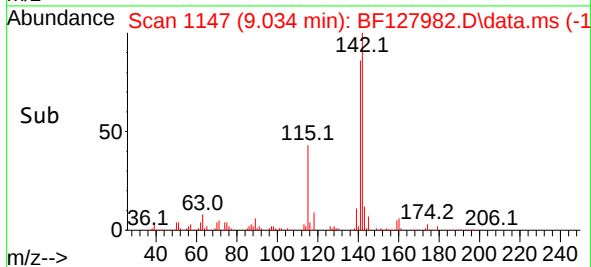
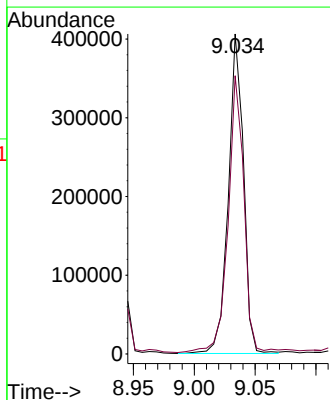
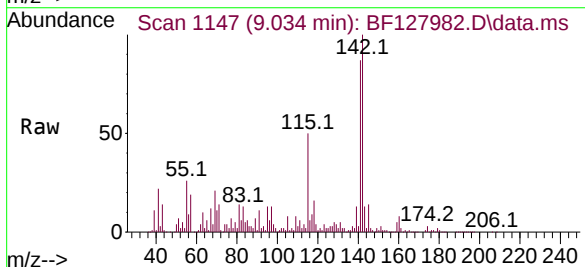
Instrument :
BNA_F
ClientSampleId :
GT-06-(8.5-10)

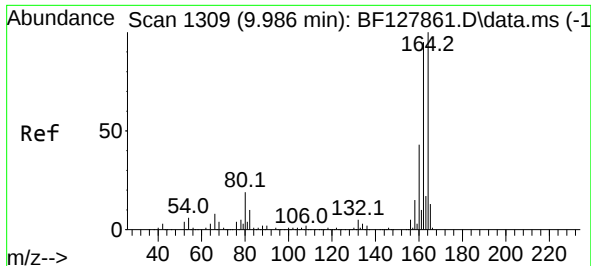
Tgt Ion:142 Resp: 382465
Ion Ratio Lower Upper
142 100
141 85.8 67.4 101.2



#38
1-Methylnaphthalene
Concen: 38.163 ng
RT: 9.034 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF127982.D
Acq: 28 Apr 2022 15:48

Tgt Ion:142 Resp: 352760
Ion Ratio Lower Upper
142 100
141 87.0 70.1 105.1

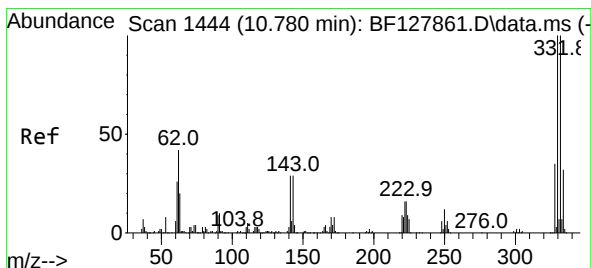
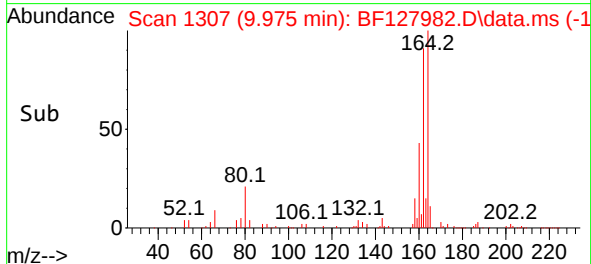
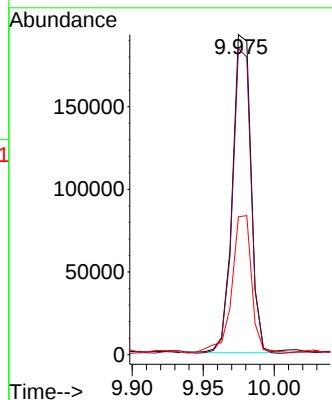
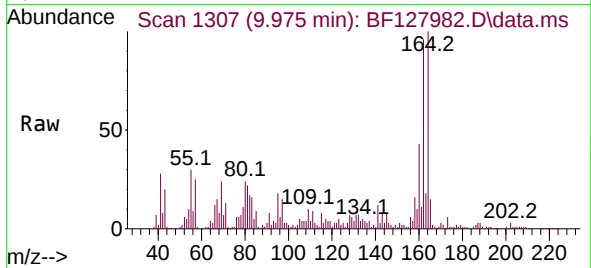




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127982.D
Acq: 28 Apr 2022 15:48

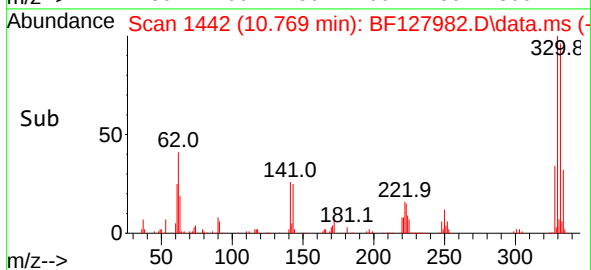
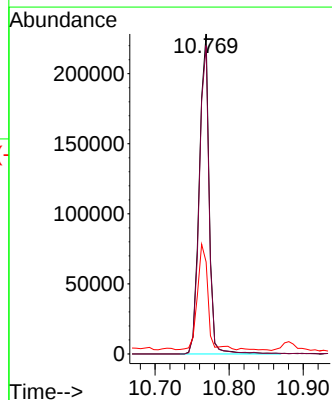
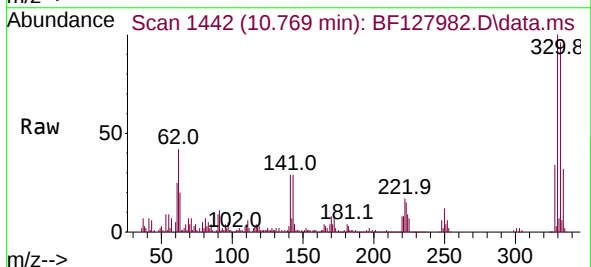
Instrument :
BNA_F
ClientSampleId :
GT-06-(8.5-10)

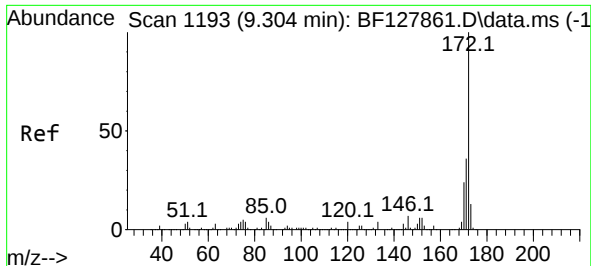
Tgt Ion:164 Resp: 175739
Ion Ratio Lower Upper
164 100
162 95.7 76.0 114.0
160 43.1 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 118.172 ng
RT: 10.769 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF127982.D
Acq: 28 Apr 2022 15:48

Tgt Ion:330 Resp: 209060
Ion Ratio Lower Upper
330 100
332 96.9 79.0 118.4
141 33.6 28.9 43.3





#45

2-Fluorobiphenyl

Concen: 78.729 ng

RT: 9.292 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF127982.D

Acq: 28 Apr 2022 15:48

Instrument :

BNA_F

ClientSampleId :

GT-06-(8.5-10)

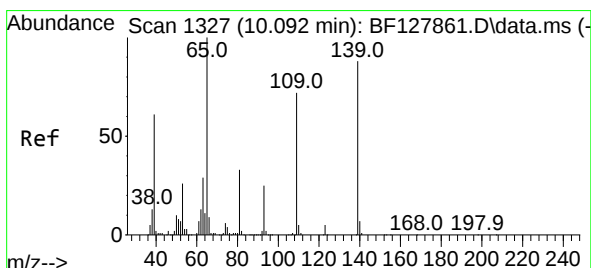
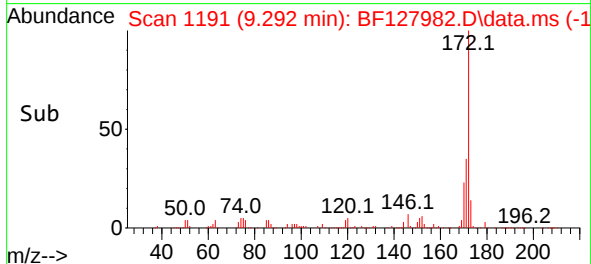
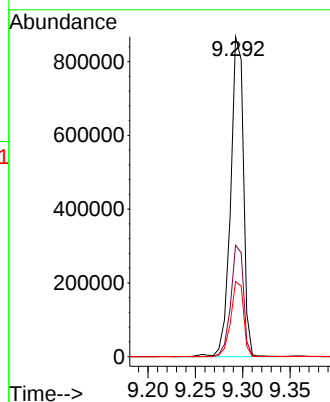
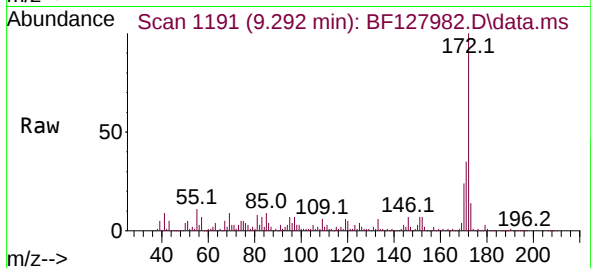
Tgt Ion:172 Resp: 817843

Ion Ratio Lower Upper

172 100

171 34.8 28.6 42.8

170 23.5 19.1 28.7



#56

4-Nitrophenol

Concen: 5.522 ng

RT: 10.081 min Scan# 1325

Delta R.T. -0.006 min

Lab File: BF127982.D

Acq: 28 Apr 2022 15:48

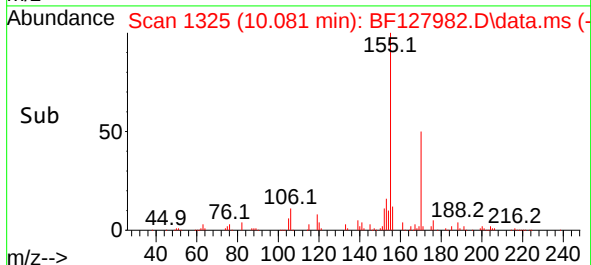
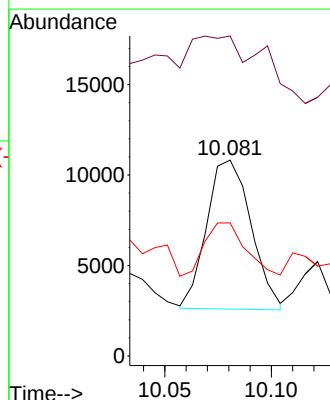
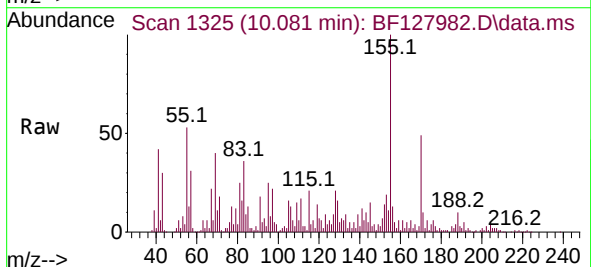
Tgt Ion:139 Resp: 11949

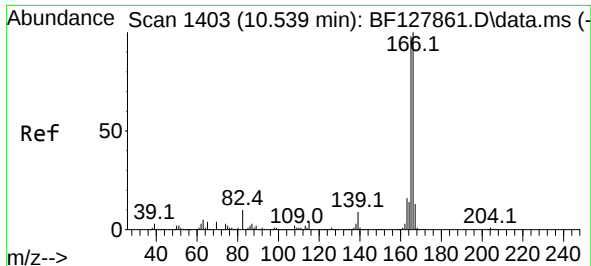
Ion Ratio Lower Upper

139 100

109 163.4 61.9 101.9#

65 68.0 93.5 133.5#

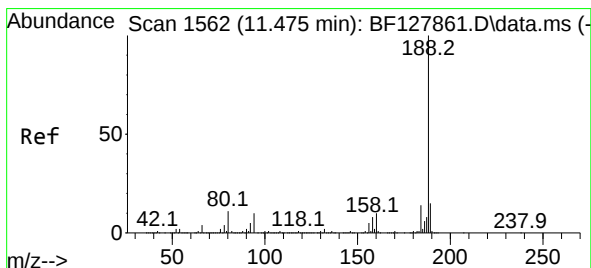
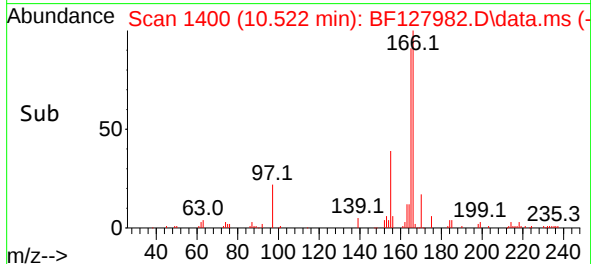
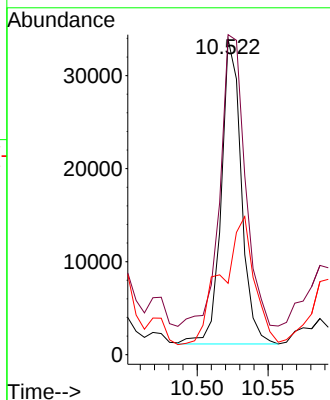
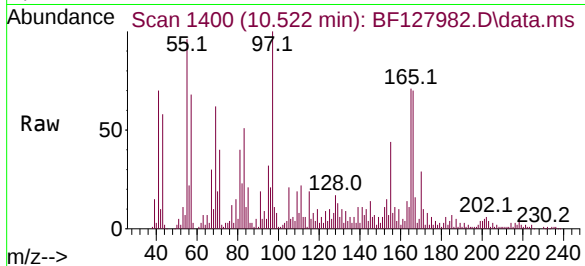




#58
Fluorene
Concen: 2.939 ng
RT: 10.522 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF127982.D
Acq: 28 Apr 2022 15:48

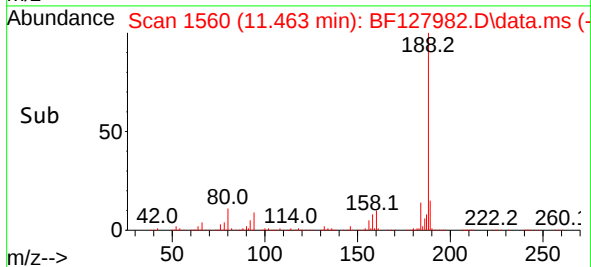
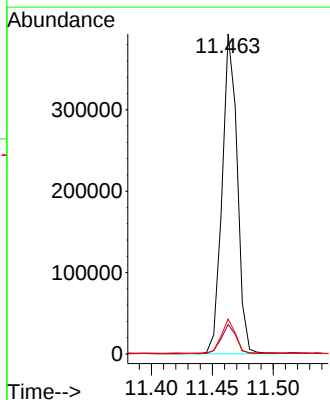
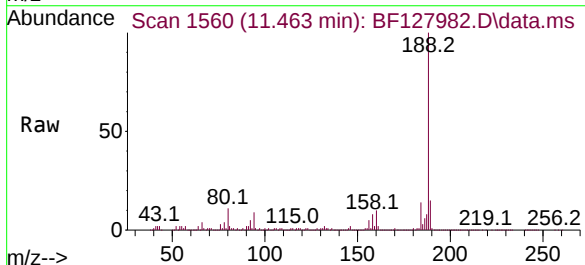
Instrument :
BNA_F
ClientSampleId :
GT-06-(8.5-10)

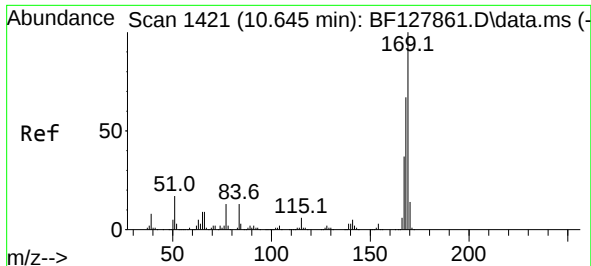
Tgt Ion:166 Resp: 32244
Ion Ratio Lower Upper
166 100
165 101.5 78.6 117.8
167 22.6 10.5 15.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF127982.D
Acq: 28 Apr 2022 15:48

Tgt Ion:188 Resp: 339486
Ion Ratio Lower Upper
188 100
94 9.2 8.0 12.0
80 11.0 8.9 13.3

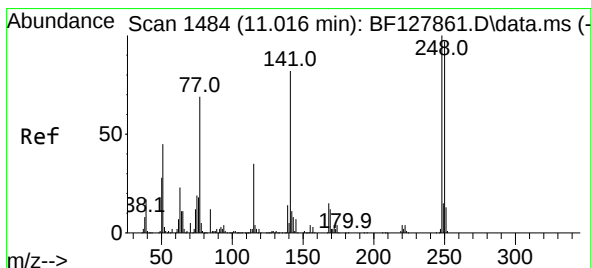
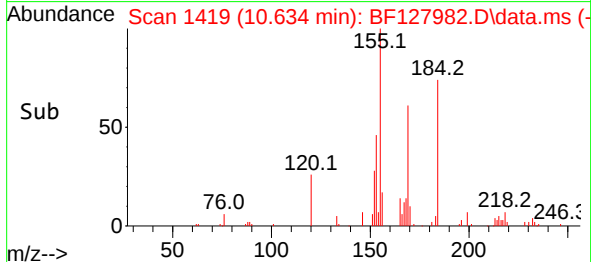
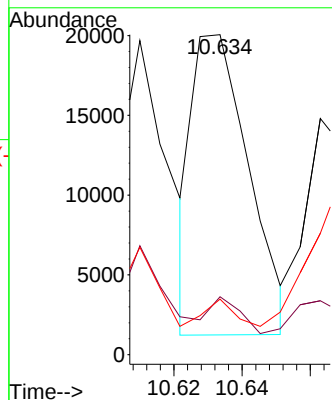
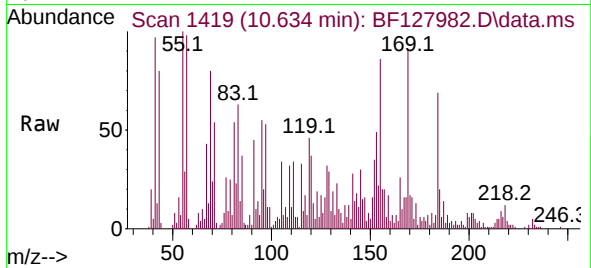




#66
n-Nitrosodiphenylamine
Concen: 2.036 ng
RT: 10.634 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF127982.D
Acq: 28 Apr 2022 15:48

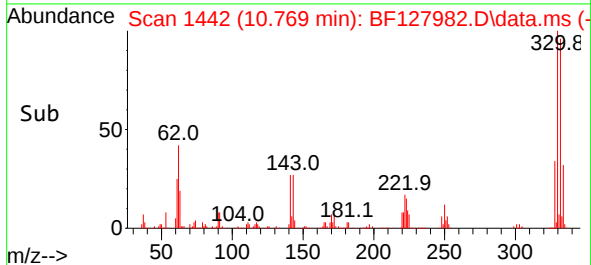
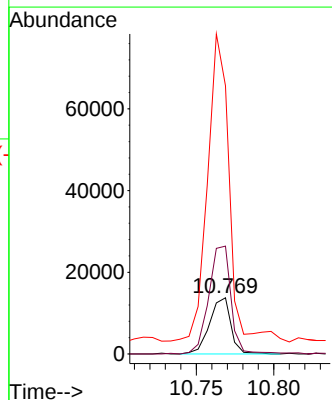
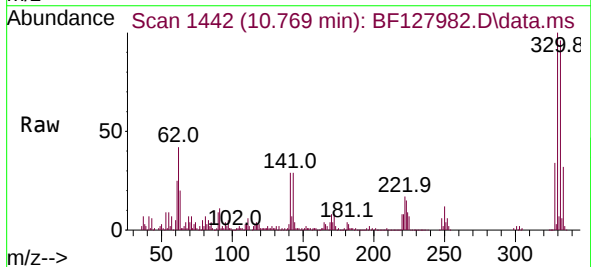
Instrument :
BNA_F
ClientSampleId :
GT-06-(8.5-10)

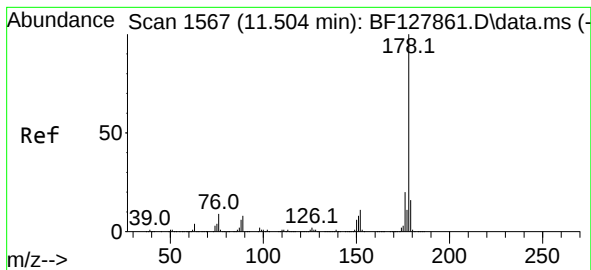
Tgt Ion:169 Resp: 21504
Ion Ratio Lower Upper
169 100
168 18.1 53.8 80.6#
167 17.4 29.5 44.3#



#67
4-Bromophenyl-phenylether
Concen: 3.485 ng
RT: 10.769 min Scan# 1442
Delta R.T. -0.241 min
Lab File: BF127982.D
Acq: 28 Apr 2022 15:48

Tgt Ion:248 Resp: 13115
Ion Ratio Lower Upper
248 100
250 191.8 77.7 116.5#
141 476.9 65.6 98.4#





#71

Phenanthrene

Concen: 2.099 ng

RT: 11.486 min Scan# 1564

Delta R.T. -0.006 min

Lab File: BF127982.D

Acq: 28 Apr 2022 15:48

Instrument :

BNA_F

ClientSampleId :

GT-06-(8.5-10)

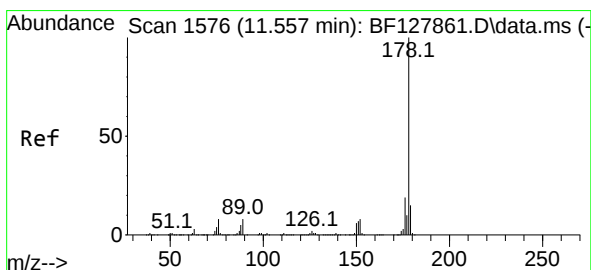
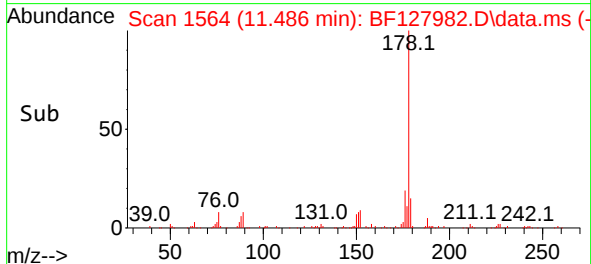
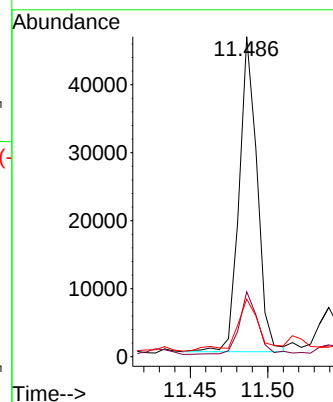
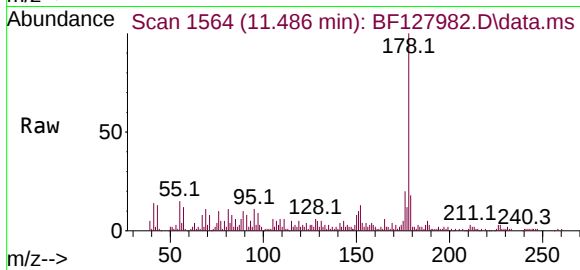
Tgt Ion:178 Resp: 37306

Ion Ratio Lower Upper

178 100

176 20.3 15.7 23.5

179 18.0 12.6 19.0



#72

Anthracene

Concen: 2.107 ng

RT: 11.486 min Scan# 1564

Delta R.T. -0.059 min

Lab File: BF127982.D

Acq: 28 Apr 2022 15:48

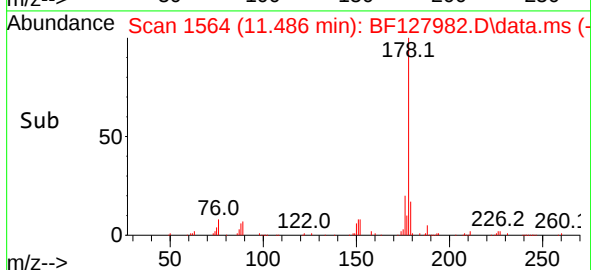
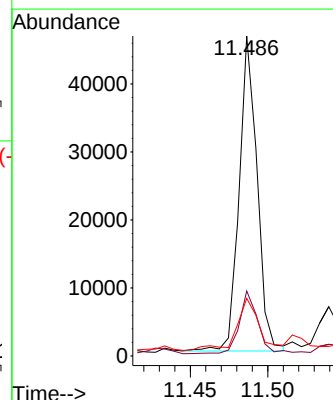
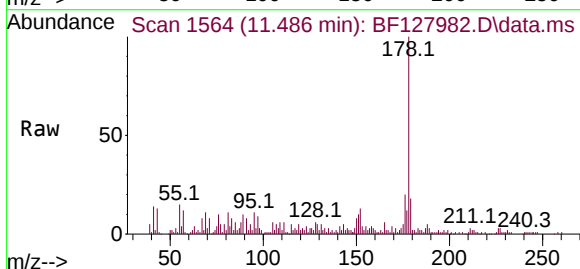
Tgt Ion:178 Resp: 37306

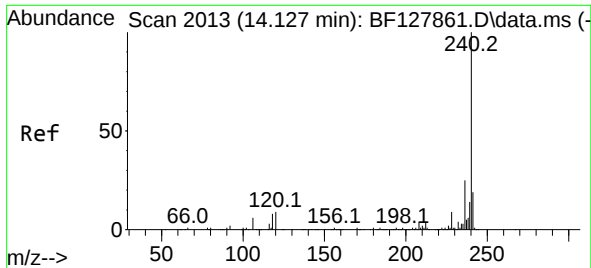
Ion Ratio Lower Upper

178 100

176 20.3 15.0 22.6

179 18.0 12.4 18.6

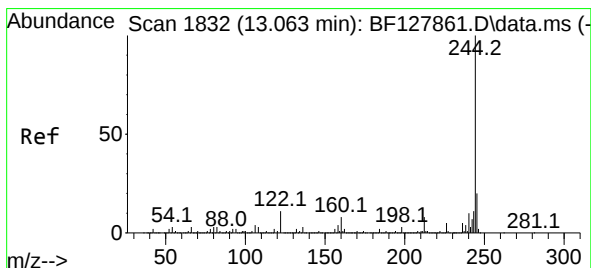
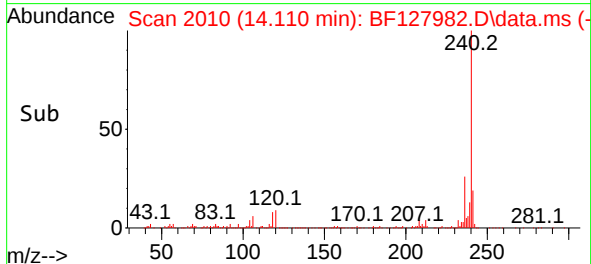
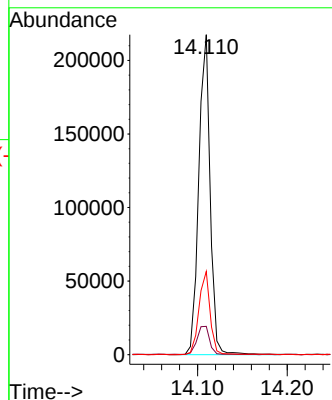
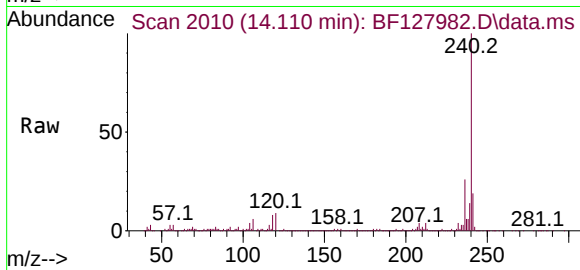




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF127982.D
Acq: 28 Apr 2022 15:48

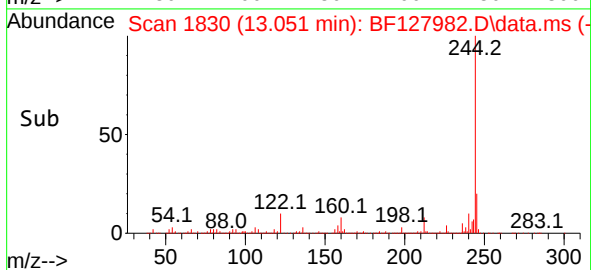
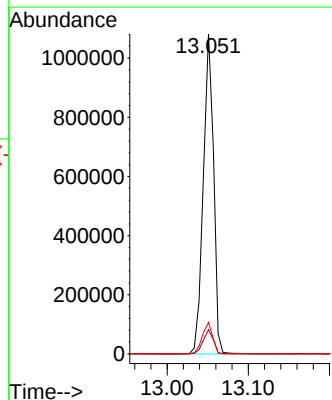
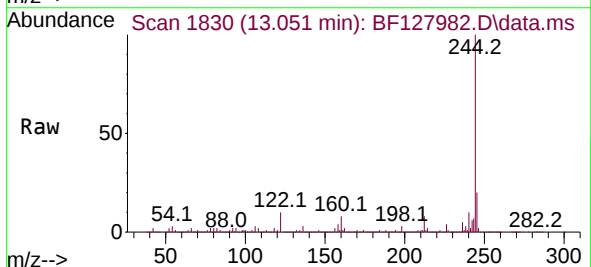
Instrument :
BNA_F
ClientSampleId :
GT-06-(8.5-10)

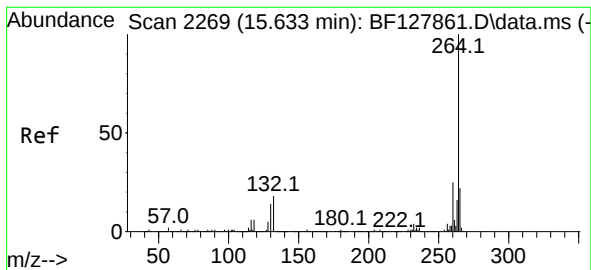
Tgt Ion:240 Resp: 191046
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 26.0 20.3 30.5



#79
Terphenyl-d14
Concen: 91.282 ng
RT: 13.051 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF127982.D
Acq: 28 Apr 2022 15:48

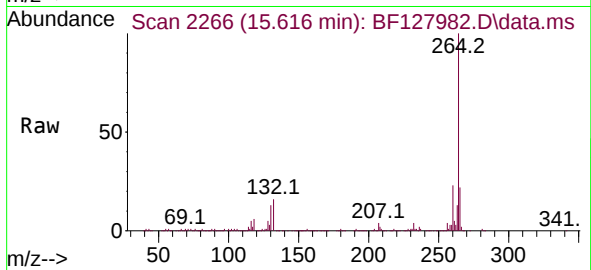
Tgt Ion:244 Resp: 953703
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 9.8 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.616 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127982.D
Acq: 28 Apr 2022 15:48

Instrument :
BNA_F
ClientSampleId :
GT-06-(8.5-10)



Tgt Ion:264 Resp: 189555

Ion	Ratio	Lower	Upper
264	100		
260	23.3	20.1	30.1
265	21.6	17.5	26.3

