

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042822\
 Data File : BF127981.D
 Acq On : 28 Apr 2022 15:19
 Operator : CG\JU
 Sample : N2577-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GT-08-(7.5-10)

Quant Time: Apr 28 17:24:54 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)

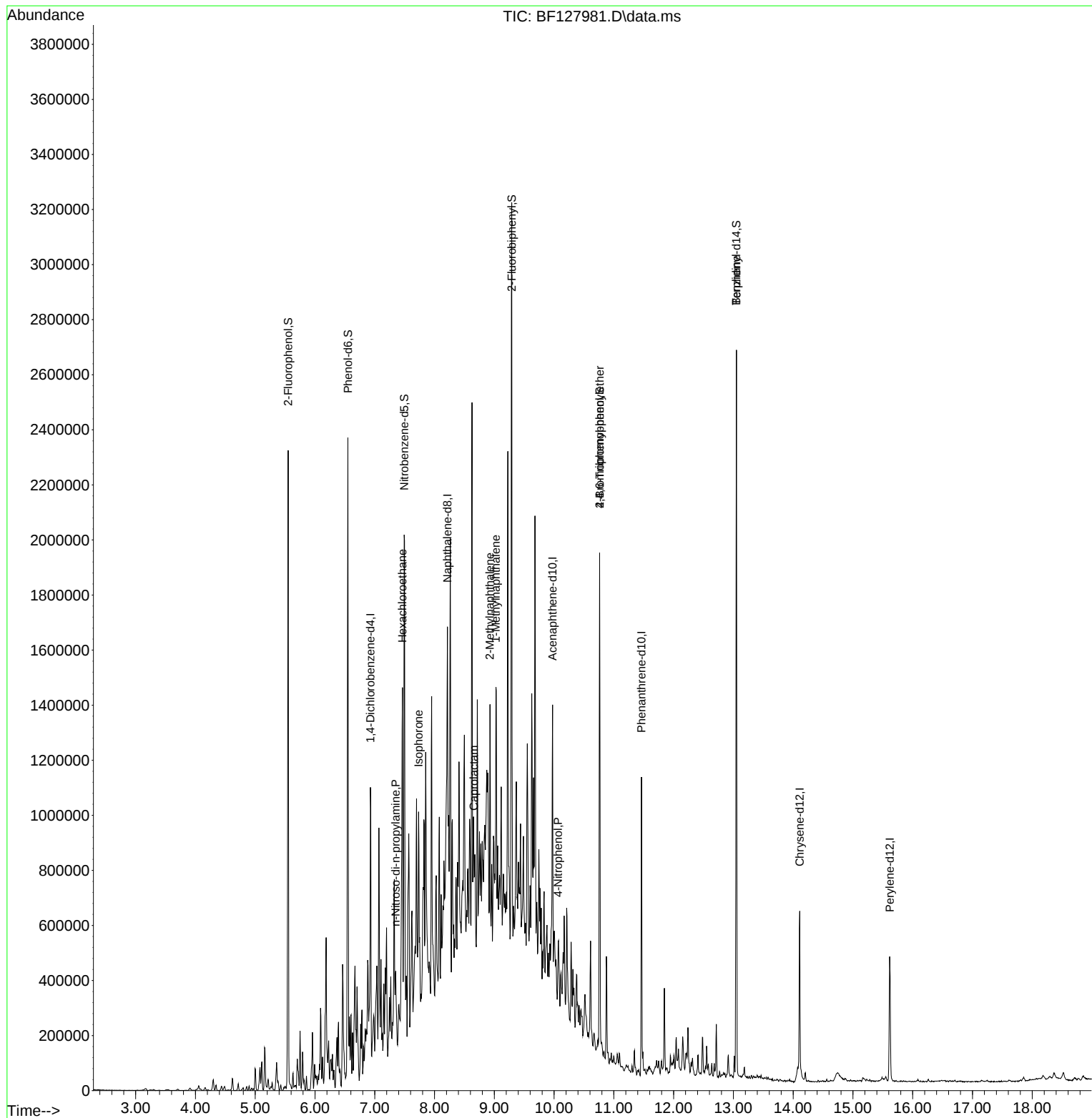
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	91198	20.000	ng	0.00
21) Naphthalene-d8	8.216	136	343725	20.000	ng	# 0.00
39) Acenaphthene-d10	9.975	164	200599	20.000	ng	0.00
64) Phenanthrene-d10	11.463	188	370604	20.000	ng	0.00
76) Chrysene-d12	14.110	240	204919	20.000	ng	0.00
86) Perylene-d12	15.615	264	209181	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	565234	98.719	ng	0.00
7) Phenol-d6	6.551	99	730526	98.328	ng	-0.01
23) Nitrobenzene-d5	7.492	82	512295	70.086	ng	-0.01
42) 2,4,6-Tribromophenol	10.763	330	199822	98.953	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	839282	70.780	ng	0.00
79) Terphenyl-d14	13.051	244	882520	78.750	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.463	117	42212	16.816	ng	# 1
19) n-Nitroso-di-n-propyla...	7.351	70	13492	2.967	ng	# 67
25) Isophorone	7.734	82	40485	3.291	ng	# 1
35) Caprolactam	8.657	113	4582	2.718	ng	# 1
37) 2-Methylnaphthalene	8.928	142	212192	18.340	ng	99
38) 1-Methylnaphthalene	9.028	142	190425	16.933	ng	100
56) 4-Nitrophenol	10.069	139	5421	2.195	ng	# 51
67) 4-Bromophenyl-phenylether	10.763	248	13048	3.176	ng	# 1
77) Benzidine	13.051	184	13477	3.476	ng	# 93

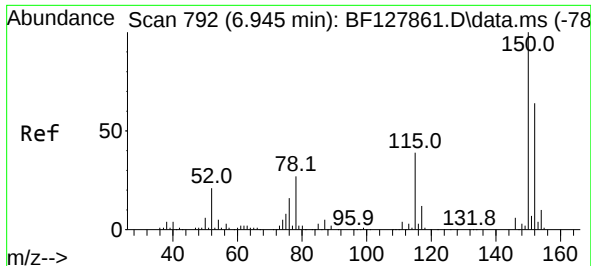
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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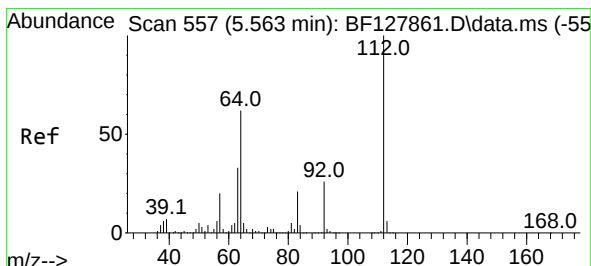
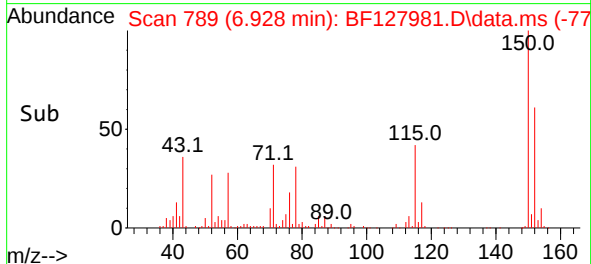
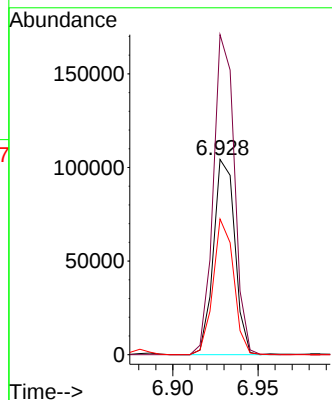
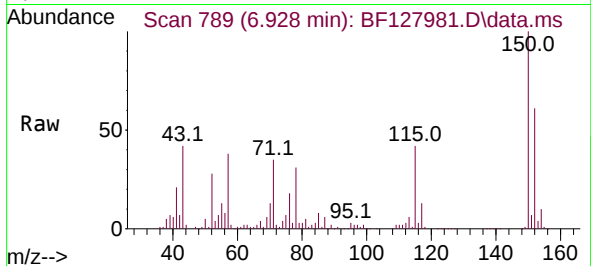




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF127981.D
Acq: 28 Apr 2022 15:19

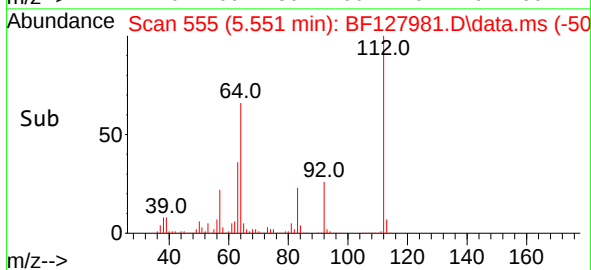
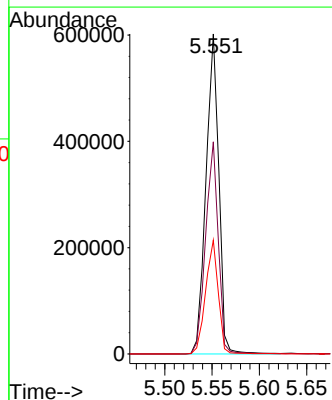
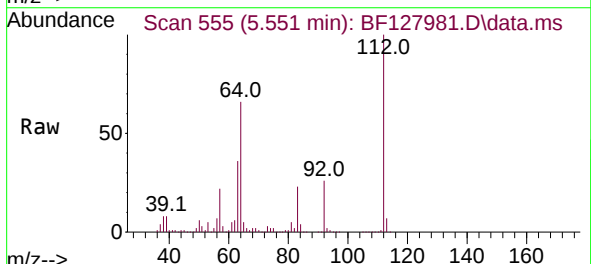
Instrument :
BNA_F
ClientSampleId :
GT-08-(7.5-10)

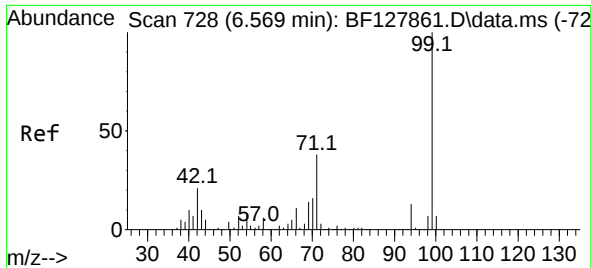
Tgt Ion:152 Resp: 91198
Ion Ratio Lower Upper
152 100
150 164.0 125.3 187.9
115 69.6 48.8 73.2



#5
2-Fluorophenol
Concen: 98.719 ng
RT: 5.551 min Scan# 555
Delta R.T. -0.000 min
Lab File: BF127981.D
Acq: 28 Apr 2022 15:19

Tgt Ion:112 Resp: 565234
Ion Ratio Lower Upper
112 100
64 66.3 49.5 74.3
63 35.6 26.3 39.5

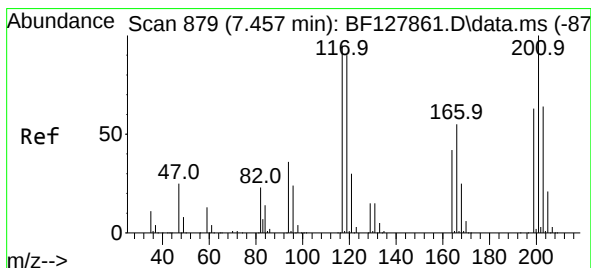
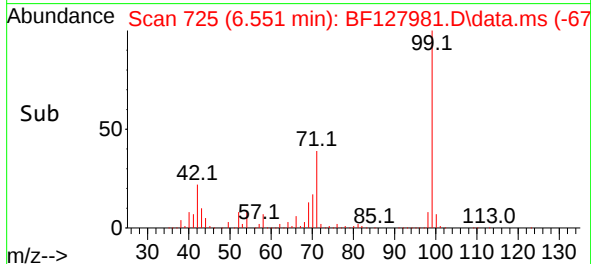
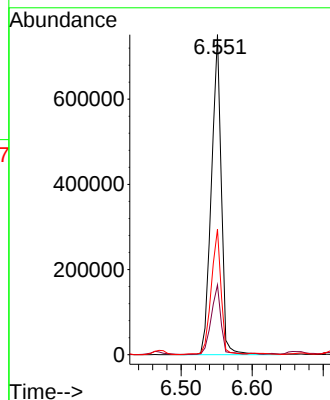
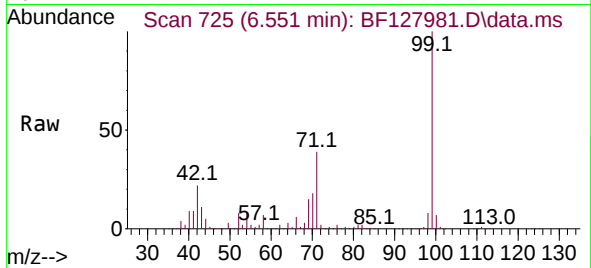




#7
Phenol-d6
Concen: 98.328 ng
RT: 6.551 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF127981.D
Acq: 28 Apr 2022 15:19

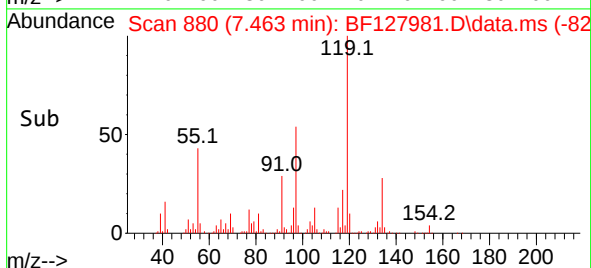
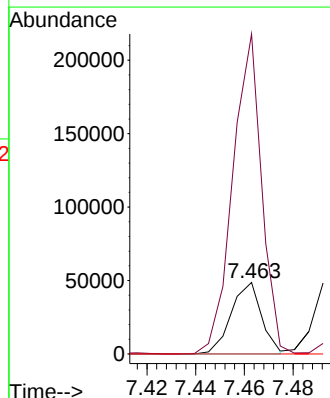
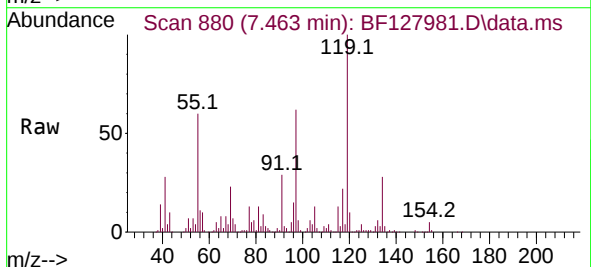
Instrument :
BNA_F
ClientSampleId :
GT-08-(7.5-10)

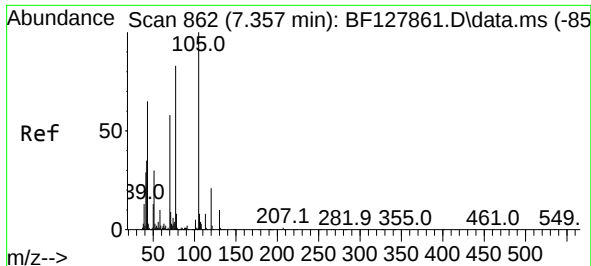
Tgt Ion: 99 Resp: 730526
Ion Ratio Lower Upper
99 100
42 21.8 16.6 24.8
71 39.2 30.0 45.0



#18
Hexachloroethane
Concen: 16.816 ng
RT: 7.463 min Scan# 880
Delta R.T. 0.018 min
Lab File: BF127981.D
Acq: 28 Apr 2022 15:19

Tgt Ion: 117 Resp: 42212
Ion Ratio Lower Upper
117 100
119 447.8 76.2 114.4#
201 0.0 84.4 126.6#



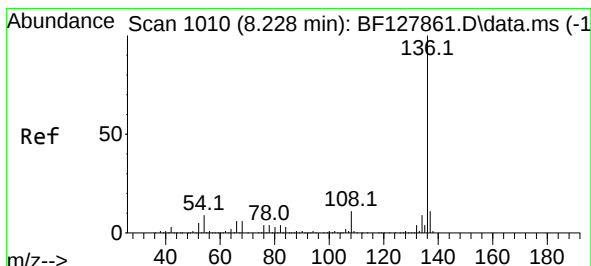
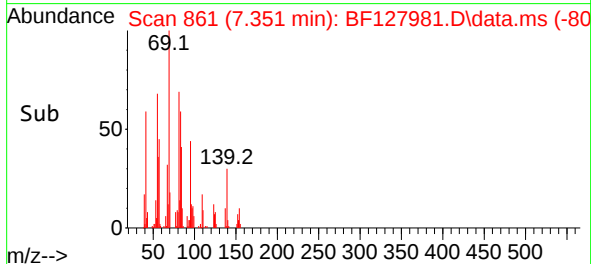
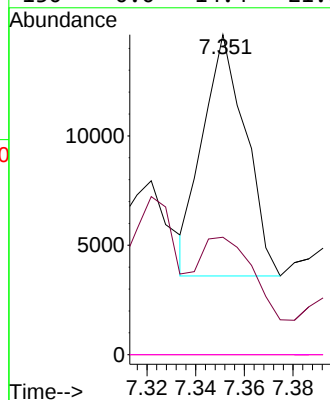
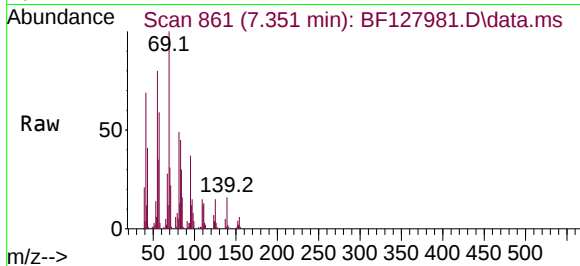


#19
n-Nitroso-di-n-propylamine
Concen: 2.967 ng
RT: 7.351 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF127981.D
Acq: 28 Apr 2022 15:19

Instrument :
BNA_F
ClientSampleId :
GT-08-(7.5-10)

Tgt Ion: 70 Resp: 13492

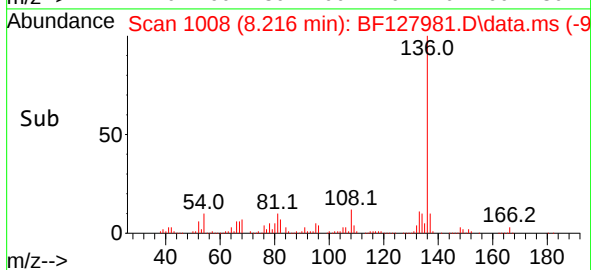
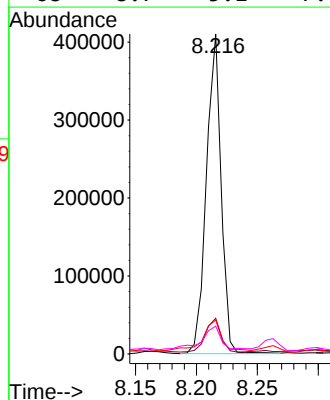
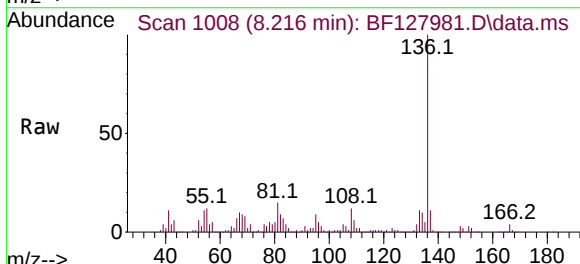
Ion	Ratio	Lower	Upper
70	100		
42	36.7	48.7	73.1#
101	0.0	7.2	10.8#
130	0.0	14.4	21.6#

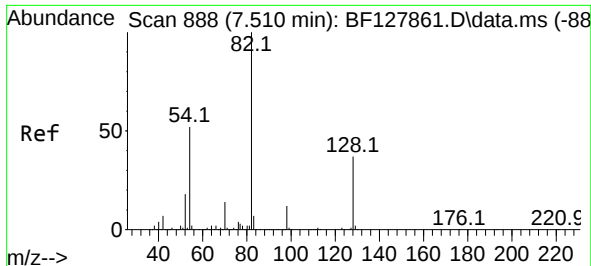


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. -0.000 min
Lab File: BF127981.D
Acq: 28 Apr 2022 15:19

Tgt Ion: 136 Resp: 343725

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	10.6	6.8	10.2#
68	8.7	5.1	7.7#

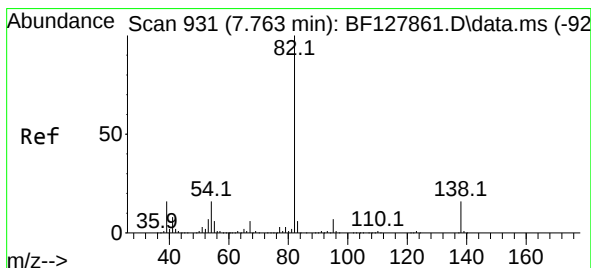
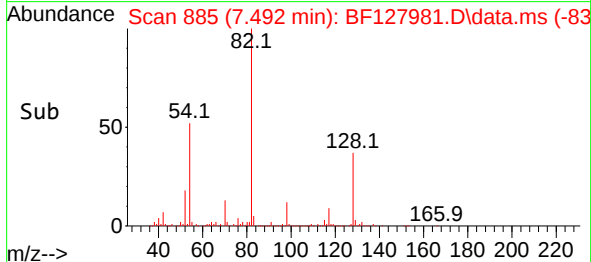
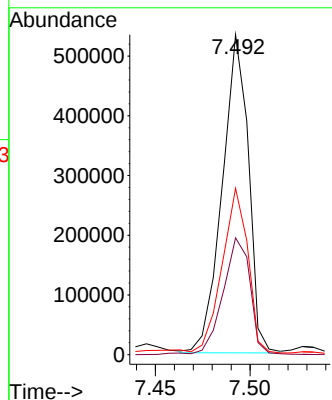
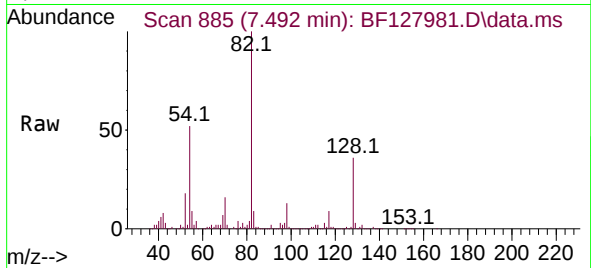




#23
Nitrobenzene-d5
Concen: 70.086 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF127981.D
Acq: 28 Apr 2022 15:19

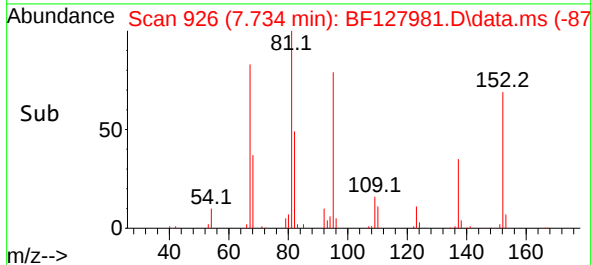
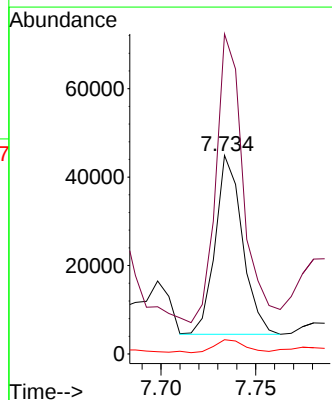
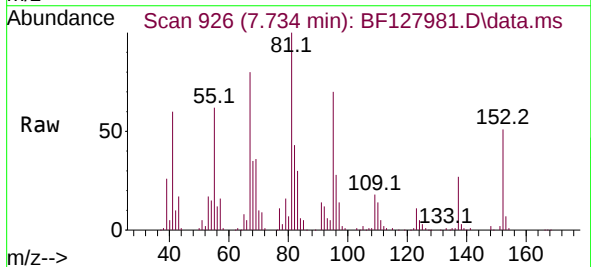
Instrument :
BNA_F
ClientSampleId :
GT-08-(7.5-10)

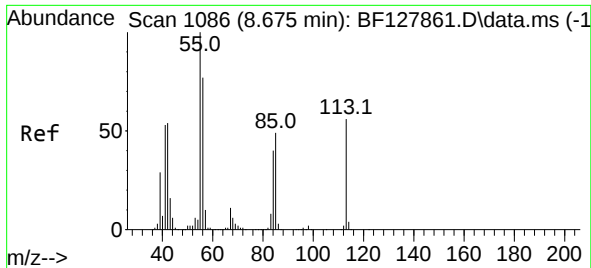
Tgt Ion: 82 Resp: 512295
Ion Ratio Lower Upper
82 100
128 36.5 30.0 45.0
54 52.0 41.3 61.9



#25
Isophorone
Concen: 3.291 ng
RT: 7.734 min Scan# 926
Delta R.T. -0.024 min
Lab File: BF127981.D
Acq: 28 Apr 2022 15:19

Tgt Ion: 82 Resp: 40485
Ion Ratio Lower Upper
82 100
95 161.2 5.6 8.4#
138 7.2 12.5 18.7#

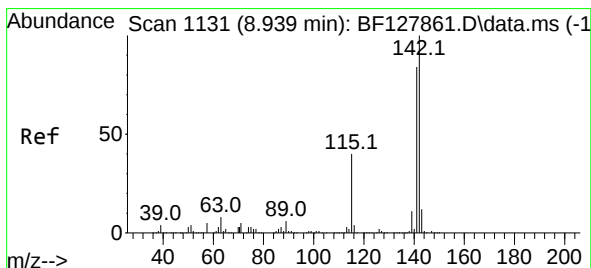
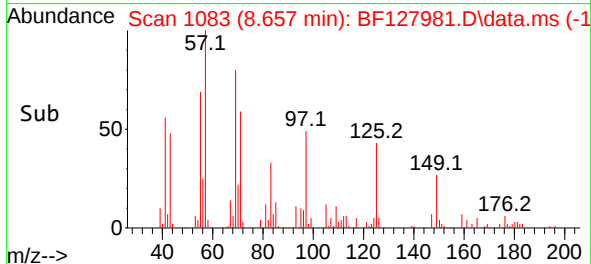
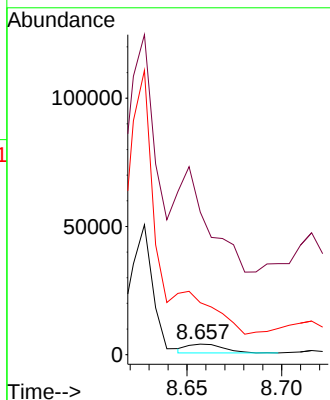
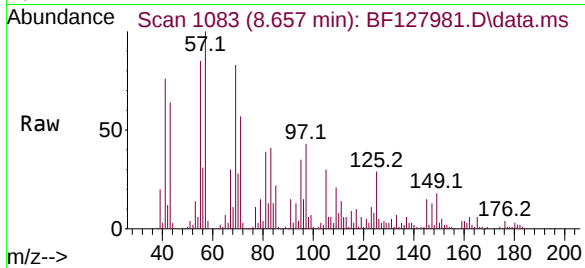




#35
 Caprolactam
 Concen: 2.718 ng
 RT: 8.657 min Scan# 1108
 Delta R.T. -0.012 min
 Lab File: BF127981.D
 Acq: 28 Apr 2022 15:19

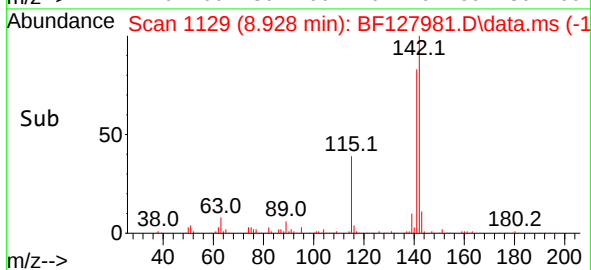
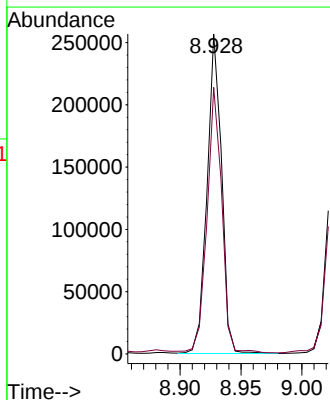
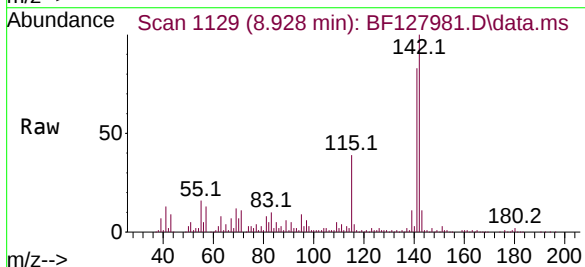
Instrument :
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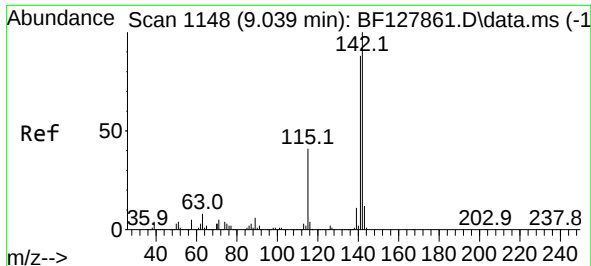
Tgt Ion:113 Resp: 4582
 Ion Ratio Lower Upper
 113 100
 55 1352.0 157.4 197.4#
 56 492.8 116.1 156.1#



#37
 2-Methylnaphthalene
 Concen: 18.340 ng
 RT: 8.928 min Scan# 1129
 Delta R.T. -0.006 min
 Lab File: BF127981.D
 Acq: 28 Apr 2022 15:19

Tgt Ion:142 Resp: 212192
 Ion Ratio Lower Upper
 142 100
 141 83.3 67.4 101.2

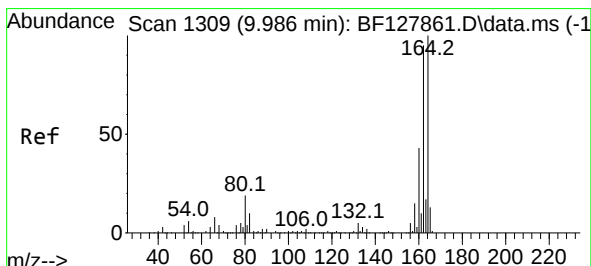
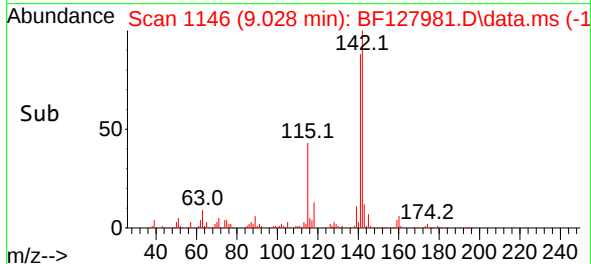
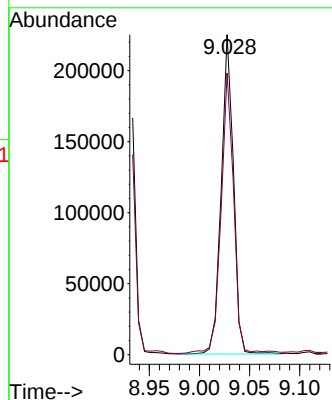
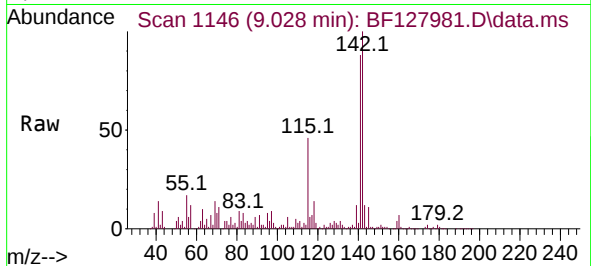




#38
1-Methylnaphthalene
Concen: 16.933 ng
RT: 9.028 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF127981.D
Acq: 28 Apr 2022 15:19

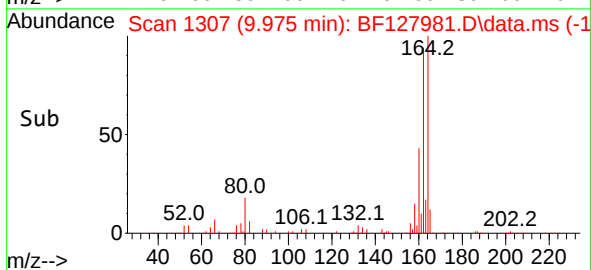
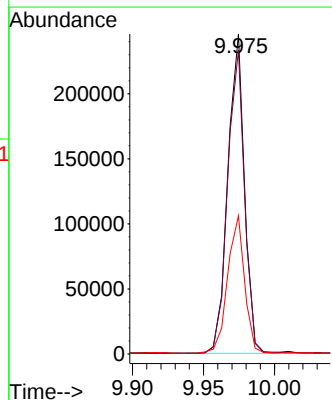
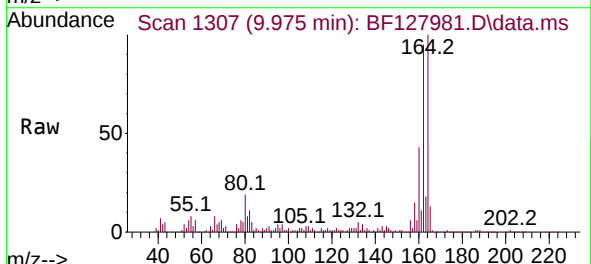
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GT-08-(7.5-10)

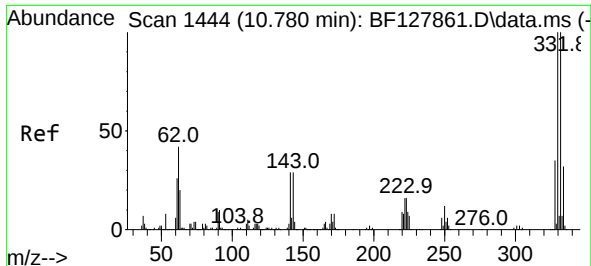
Tgt Ion:142 Resp: 190425
Ion Ratio Lower Upper
142 100
141 88.0 70.1 105.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.975 min Scan# 1307
Delta R.T. -0.000 min
Lab File: BF127981.D
Acq: 28 Apr 2022 15:19

Tgt Ion:164 Resp: 200599
Ion Ratio Lower Upper
164 100
162 95.0 76.0 114.0
160 43.2 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 98.953 ng

RT: 10.763 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF127981.D

Acq: 28 Apr 2022 15:19

Instrument :

BNA_F

ClientSampleId :

GT-08-(7.5-10)

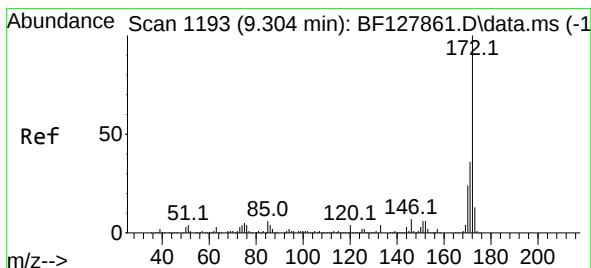
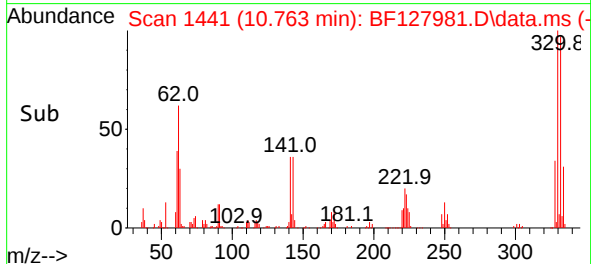
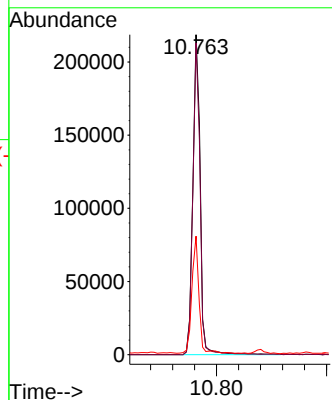
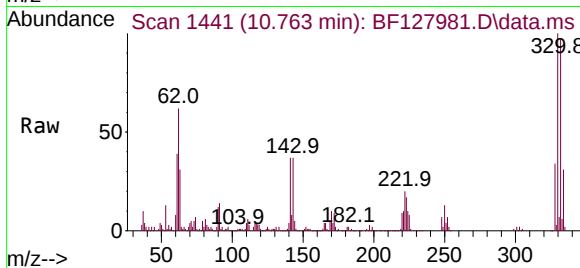
Tgt Ion:330 Resp: 199822

Ion Ratio Lower Upper

330 100

332 95.8 79.0 118.4

141 34.3 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 70.780 ng

RT: 9.292 min Scan# 1191

Delta R.T. -0.000 min

Lab File: BF127981.D

Acq: 28 Apr 2022 15:19

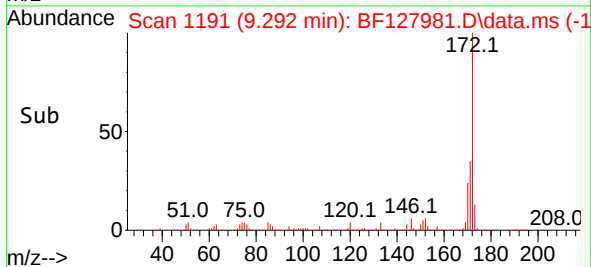
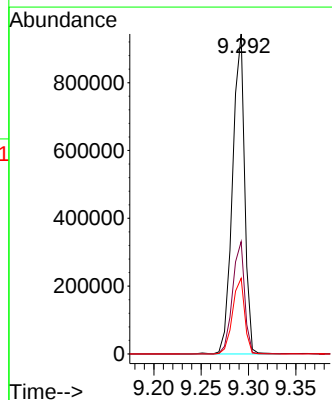
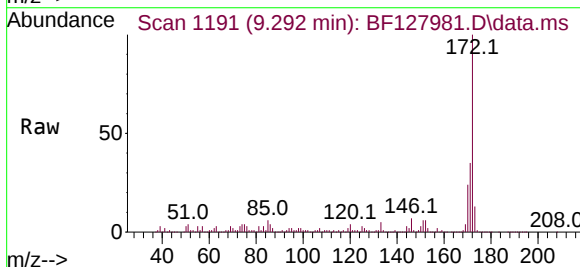
Tgt Ion:172 Resp: 839282

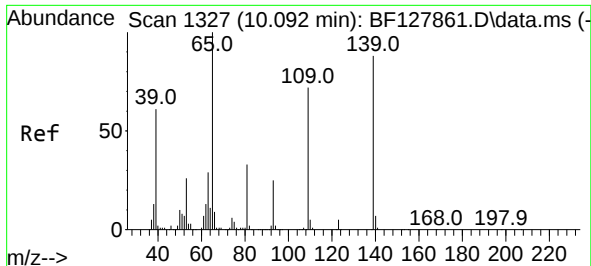
Ion Ratio Lower Upper

172 100

171 35.1 28.6 42.8

170 23.6 19.1 28.7

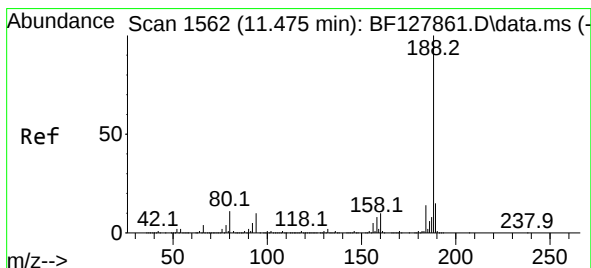
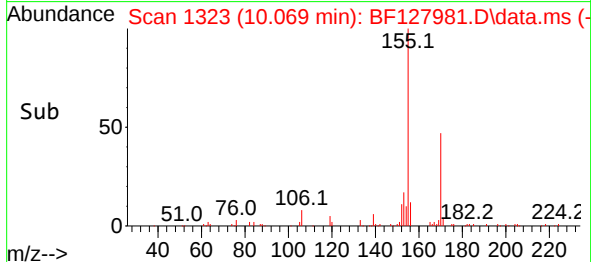
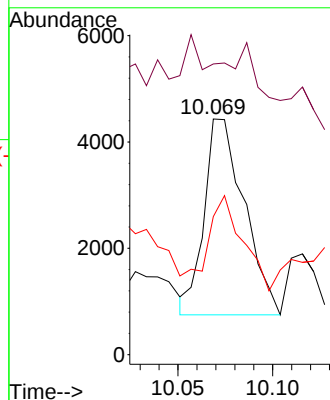
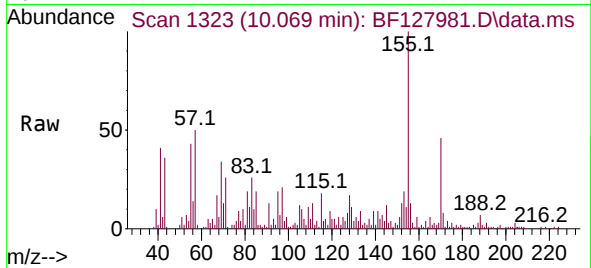




#56
4-Nitrophenol
Concen: 2.195 ng
RT: 10.069 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF127981.D
Acq: 28 Apr 2022 15:19

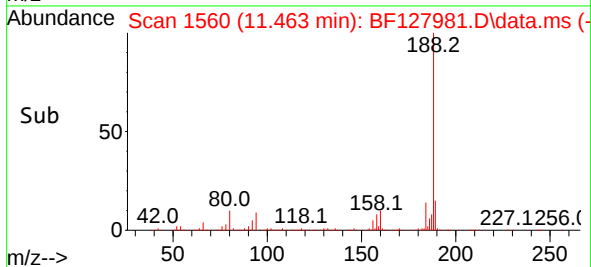
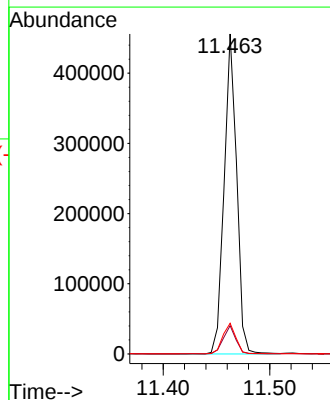
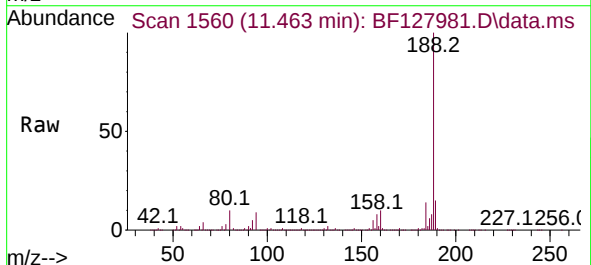
Instrument :
BNA_F
ClientSampleId :
GT-08-(7.5-10)

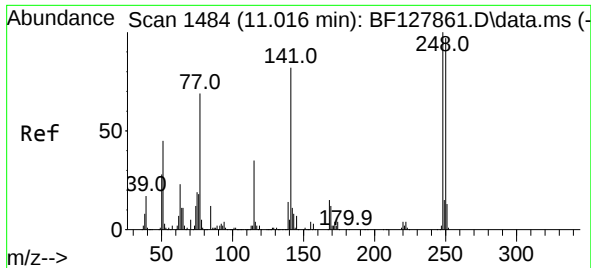
Tgt Ion:139 Resp: 5421
Ion Ratio Lower Upper
139 100
109 123.4 61.9 101.9#
65 58.6 93.5 133.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.463 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BF127981.D
Acq: 28 Apr 2022 15:19

Tgt Ion:188 Resp: 370604
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 9.6 8.9 13.3

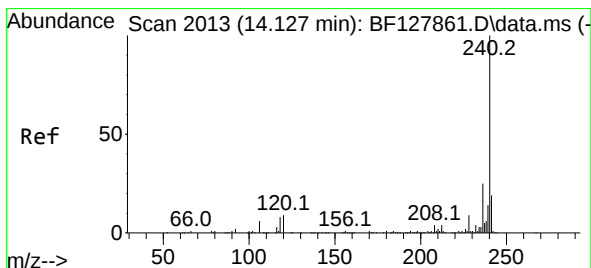
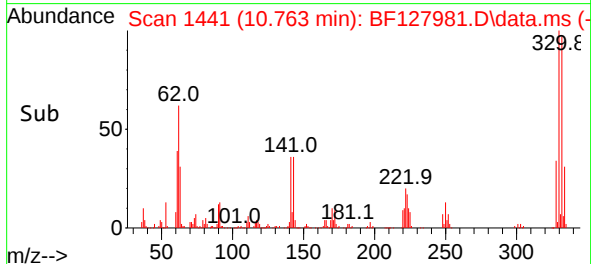
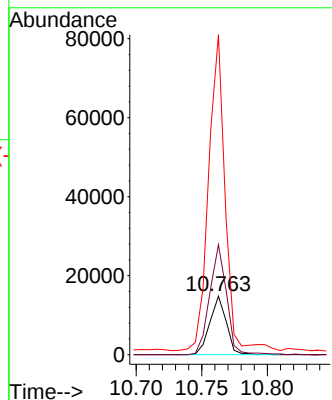
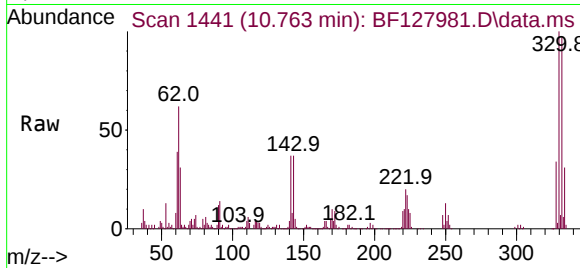




#67
4-Bromophenyl-phenylether
Concen: 3.176 ng
RT: 10.763 min Scan# 1484
Delta R.T. -0.247 min
Lab File: BF127981.D
Acq: 28 Apr 2022 15:19

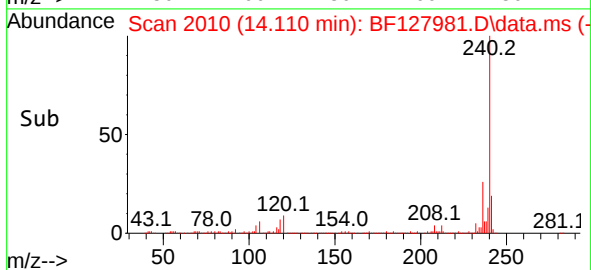
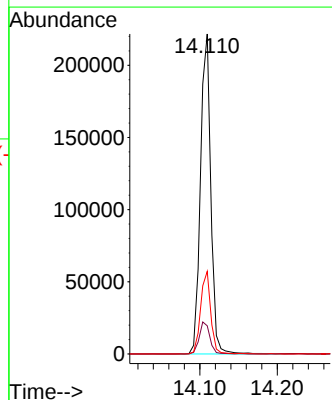
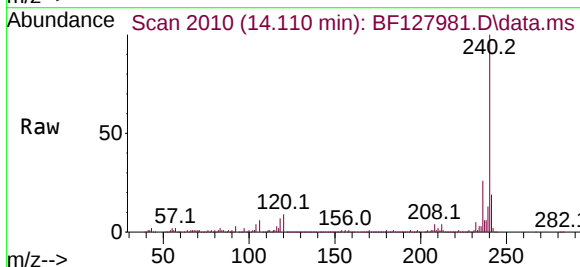
Instrument :
BNA_F
ClientSampleId :
GT-08-(7.5-10)

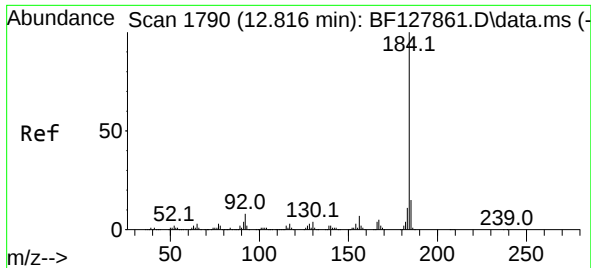
Tgt Ion:248 Resp: 13048
Ion Ratio Lower Upper
248 100
250 187.7 77.7 116.5#
141 546.0 65.6 98.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.110 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF127981.D
Acq: 28 Apr 2022 15:19

Tgt Ion:240 Resp: 204919
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.6
236 25.8 20.3 30.5

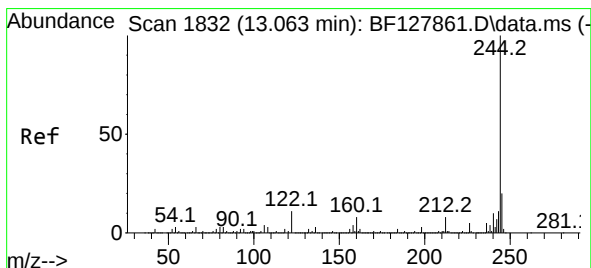
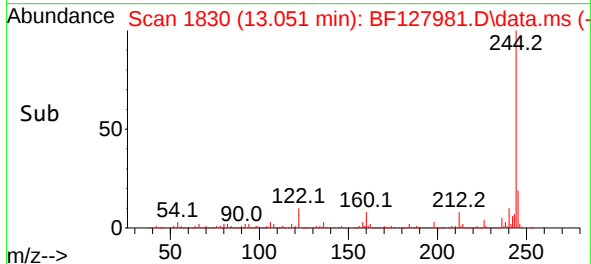
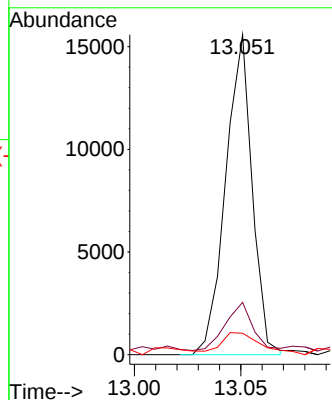
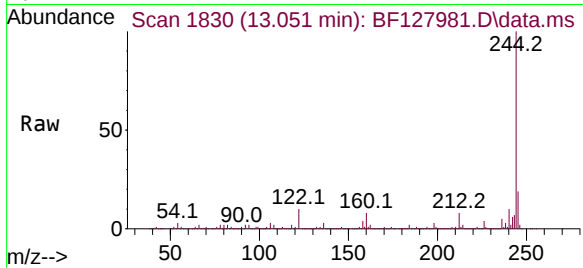




#77
Benzidine
Concen: 3.476 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.247 min
Lab File: BF127981.D
Acq: 28 Apr 2022 15:19

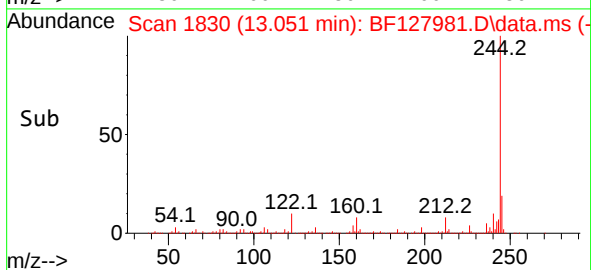
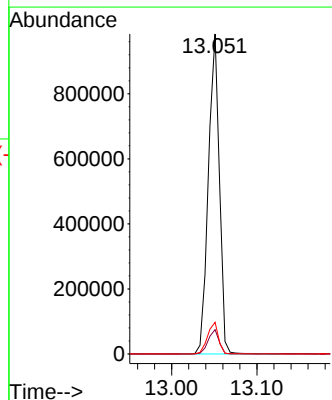
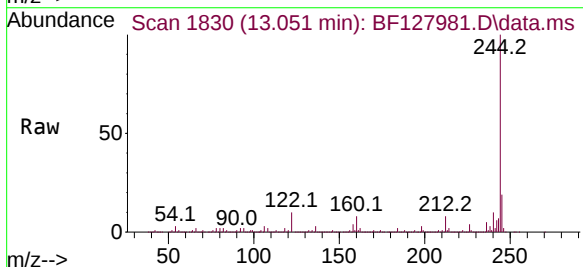
Instrument :
BNA_F
ClientSampleId :
GT-08-(7.5-10)

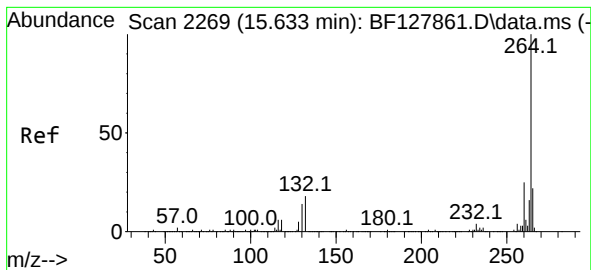
Tgt Ion:184 Resp: 13477
Ion Ratio Lower Upper
184 100
185 16.4 12.1 18.1
183 6.7 9.0 13.4#



#79
Terphenyl-d14
Concen: 78.750 ng
RT: 13.051 min Scan# 1830
Delta R.T. -0.006 min
Lab File: BF127981.D
Acq: 28 Apr 2022 15:19

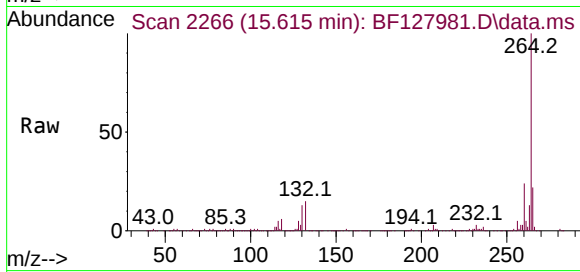
Tgt Ion:244 Resp: 882520
Ion Ratio Lower Upper
244 100
212 7.6 6.2 9.4
122 9.9 8.6 12.8





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.615 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF127981.D
Acq: 28 Apr 2022 15:19

Instrument :
BNA_F
ClientSampleId :
GT-08-(7.5-10)



Tgt Ion:264 Resp: 209181

Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.1	30.1
265	22.1	17.5	26.3

