

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050622\
 Data File : BF128120.D
 Acq On : 06 May 2022 12:19
 Operator : CG\JU
 Sample : N2676-03DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GT-10-(10-12)DL

Quant Time: May 06 16:08:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 05 17:56:23 2022
 Response via : Initial Calibration

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

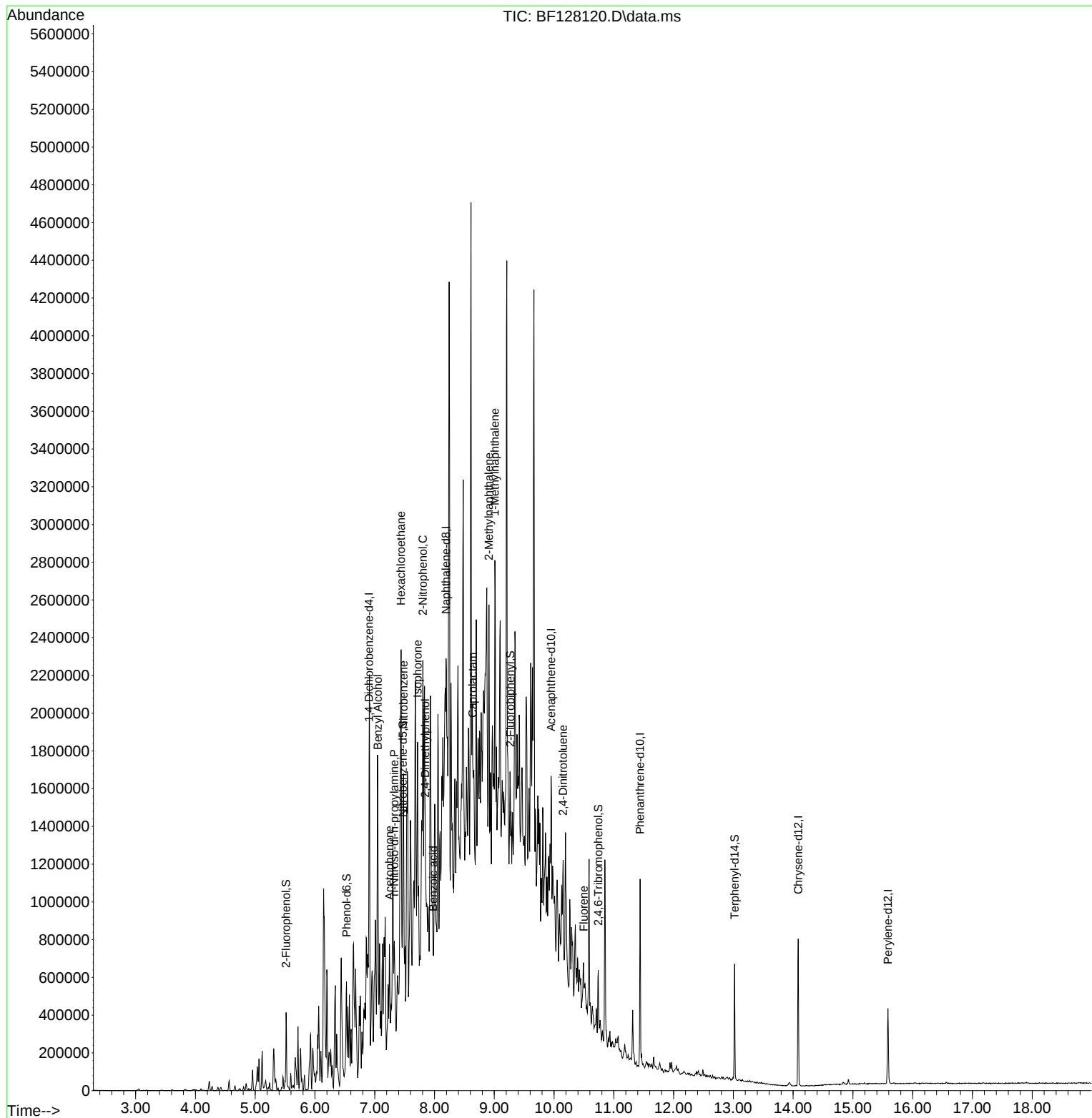
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	72490	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	260897	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	165830	20.000	ng	0.00
64) Phenanthrene-d10	11.439	188	338691	20.000	ng	0.00
76) Chrysene-d12	14.086	240	261318	20.000	ng	0.00
86) Perylene-d12	15.586	264	177308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	96445	21.191	ng	-0.02
7) Phenol-d6	6.528	99	126642	21.445	ng	-0.02
23) Nitrobenzene-d5	7.469	82	107542	19.383	ng	-0.01
42) 2,4,6-Tribromophenol	10.739	330	34787	20.839	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	137547	14.032	ng	0.00
79) Terphenyl-d14	13.022	244	195643	13.690	ng	-0.01
Target Compounds						
						Qvalue
15) Benzyl Alcohol	7.051	79	8094	2.015	ng	# 47
18) Hexachloroethane	7.440	117	50762	25.441	ng	# 1
19) n-Nitroso-di-n-propyla...	7.328	70	24817	6.865	ng	# 70
22) Acetophenone	7.245	105	24682	3.881	ng	# 19
24) Nitrobenzene	7.481	77	16739	3.131	ng	# 42
25) Isophorone	7.716	82	72687	7.784	ng	# 1
26) 2-Nitrophenol	7.804	139	6074	2.666	ng	# 1
27) 2,4-Dimethylphenol	7.845	122	11028	2.914	ng	# 9
32) Benzoic acid	7.981	122	5701	2.102	ng	# 12
35) Caprolactam	8.640	113	9635	7.529	ng	# 1
37) 2-Methylnaphthalene	8.910	142	349687	39.819	ng	99
38) 1-Methylnaphthalene	9.010	142	290577	34.042	ng	100
57) 2,4-Dinitrotoluene	10.151	165	6994	2.193	ng	# 56
58) Fluorene	10.498	166	23254	2.246	ng	# 87

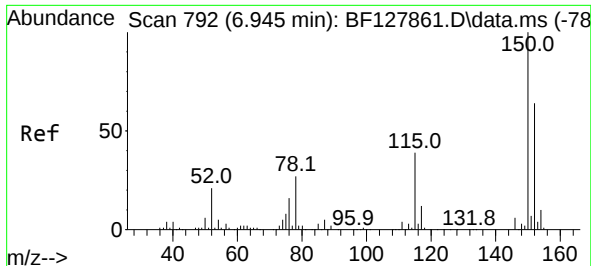
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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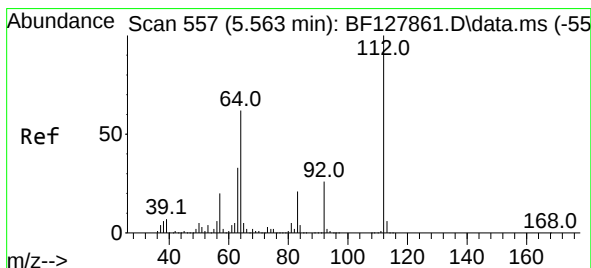
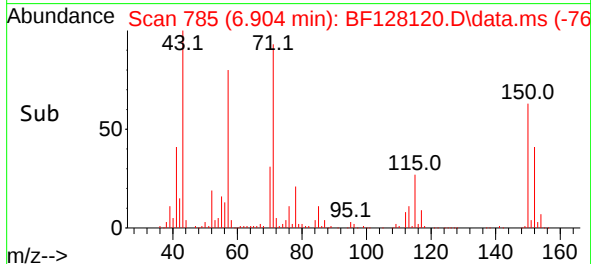
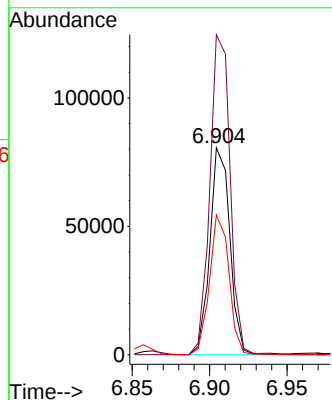
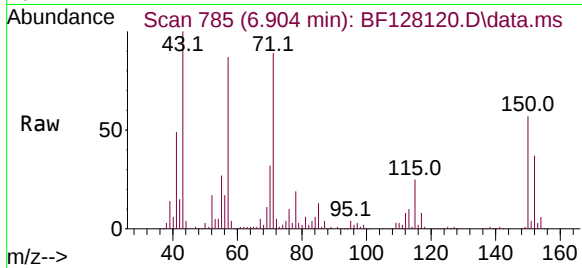




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF128120.D
 Acq: 06 May 2022 12:19

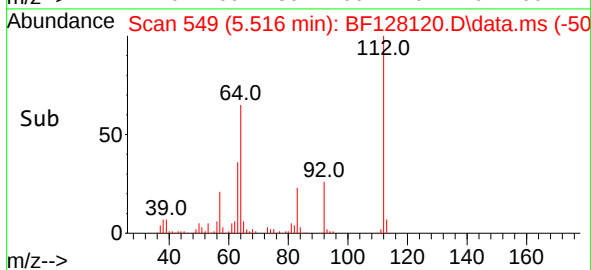
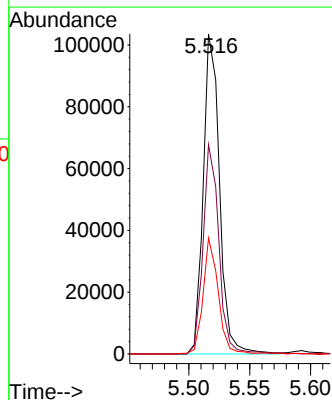
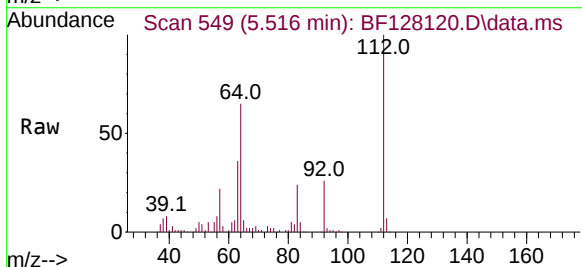
Instrument :
 BNA_F
 ClientSampleId :
 GT-10-(10-12)DL

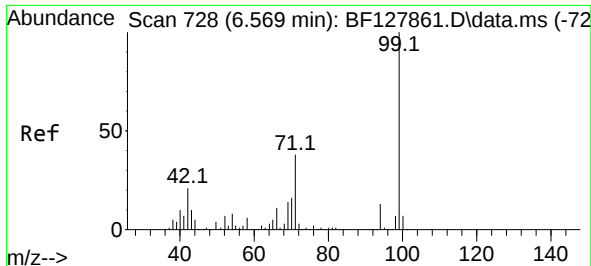
Tgt Ion:152 Resp: 72490
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.3 187.9
 115 67.5 48.8 73.2



#5
 2-Fluorophenol
 Concen: 21.191 ng
 RT: 5.516 min Scan# 549
 Delta R.T. -0.017 min
 Lab File: BF128120.D
 Acq: 06 May 2022 12:19

Tgt Ion:112 Resp: 96445
 Ion Ratio Lower Upper
 112 100
 64 65.5 49.5 74.3
 63 36.3 26.3 39.5





#7

Phenol-d6

Concen: 21.445 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.017 min

Lab File: BF128120.D

Acq: 06 May 2022 12:19

Instrument :

BNA_F

ClientSampleId :

GT-10-(10-12)DL

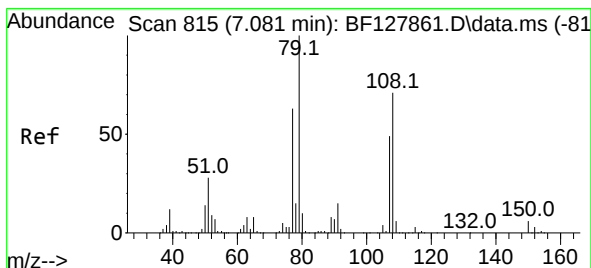
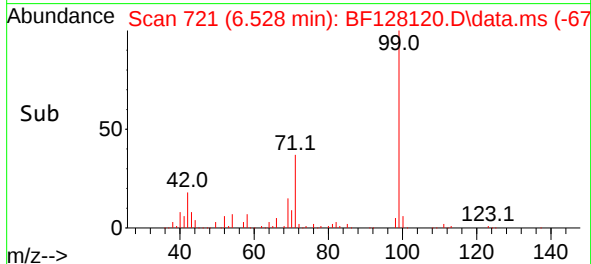
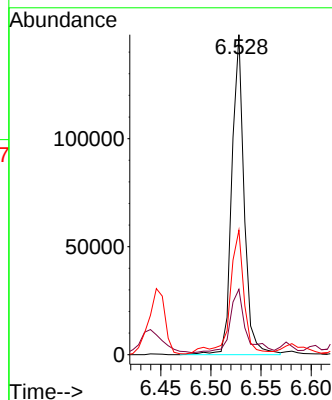
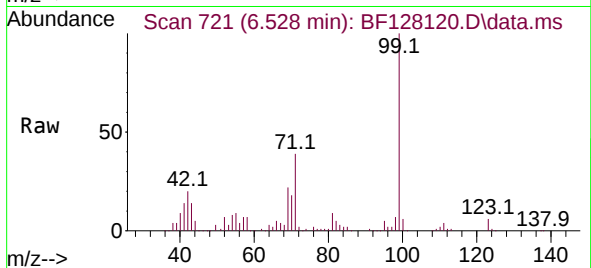
Tgt Ion: 99 Resp: 126642

Ion Ratio Lower Upper

99 100

42 20.5 16.6 24.8

71 38.9 30.0 45.0



#15

Benzyl Alcohol

Concen: 2.015 ng

RT: 7.051 min Scan# 810

Delta R.T. -0.006 min

Lab File: BF128120.D

Acq: 06 May 2022 12:19

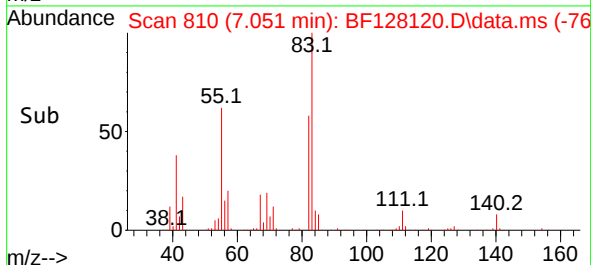
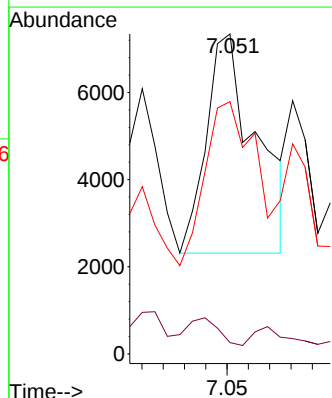
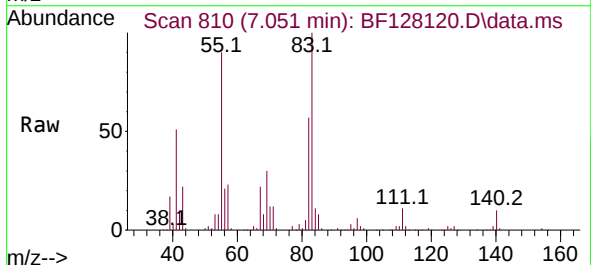
Tgt Ion: 79 Resp: 8094

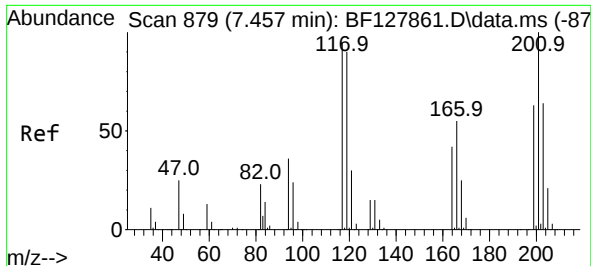
Ion Ratio Lower Upper

79 100

108 3.5 57.0 85.6#

77 78.9 50.2 75.4#

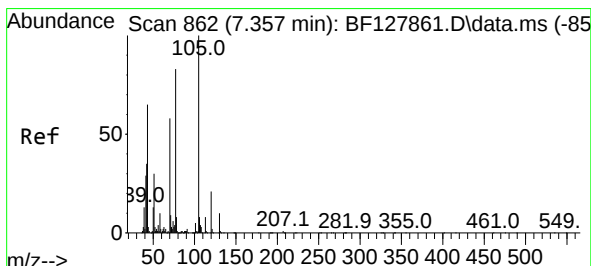
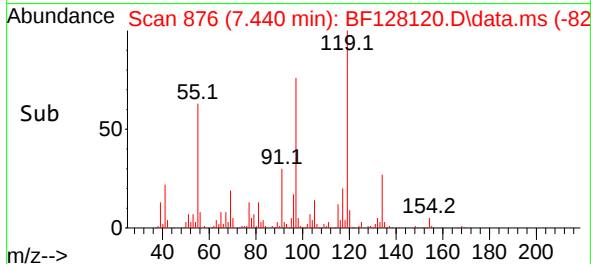
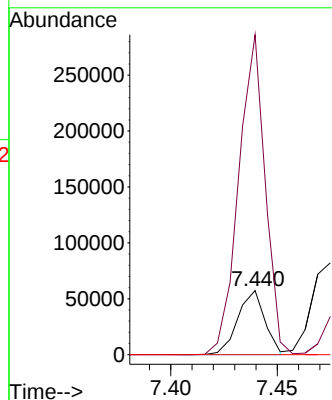
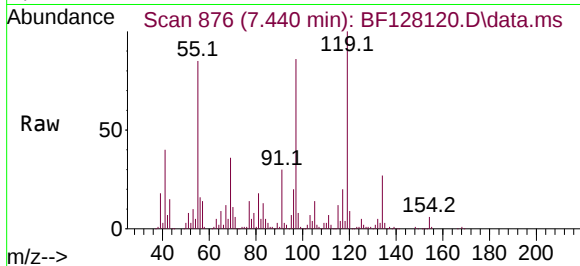




#18
Hexachloroethane
Concen: 25.441 ng
RT: 7.440 min Scan# 81
Delta R.T. 0.018 min
Lab File: BF128120.D
Acq: 06 May 2022 12:19

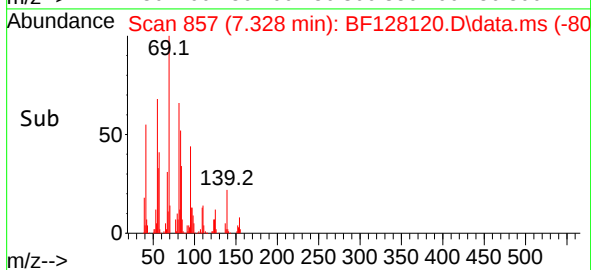
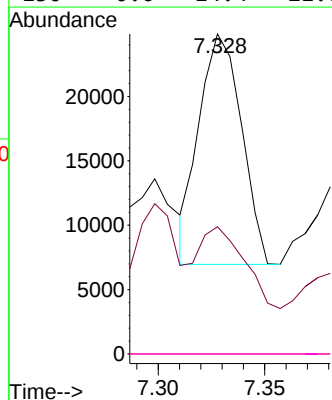
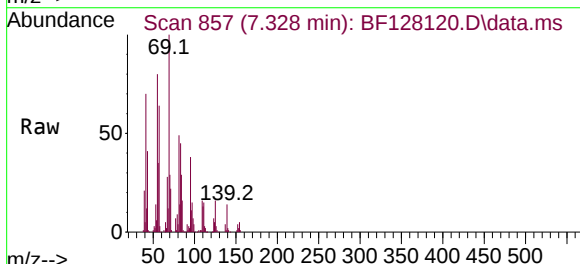
Instrument :
BNA_F
ClientSampleId :
GT-10-(10-12)DL

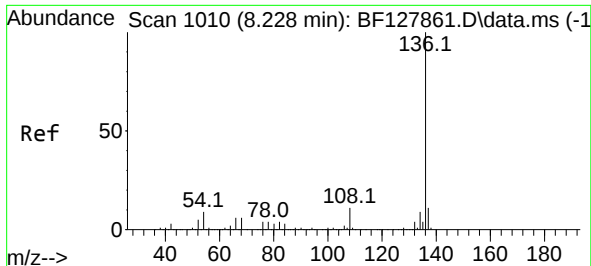
Tgt Ion:117 Resp: 50762
Ion Ratio Lower Upper
117 100
119 498.6 76.2 114.4#
201 0.0 84.4 126.6#



#19
n-Nitroso-di-n-propylamine
Concen: 6.865 ng
RT: 7.328 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF128120.D
Acq: 06 May 2022 12:19

Tgt Ion: 70 Resp: 24817
Ion Ratio Lower Upper
70 100
42 39.7 48.7 73.1#
101 0.0 7.2 10.8#
130 0.0 14.4 21.6#

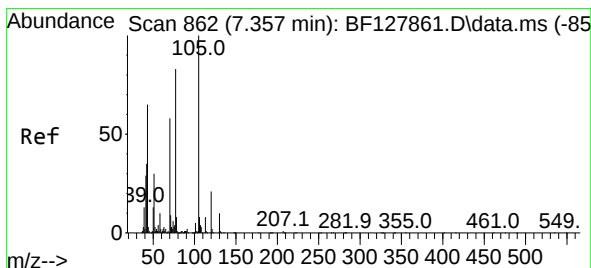
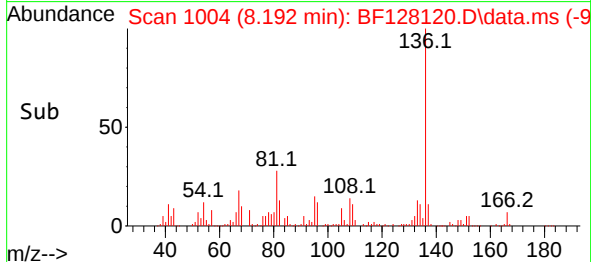
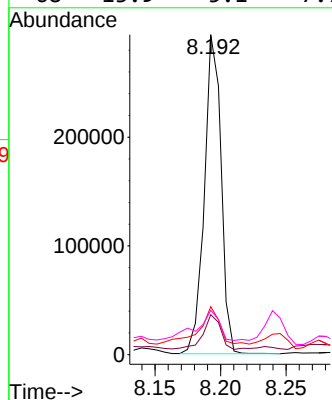
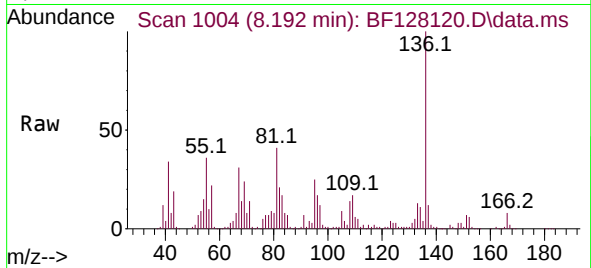




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1010
Delta R.T. -0.006 min
Lab File: BF128120.D
Acq: 06 May 2022 12:19

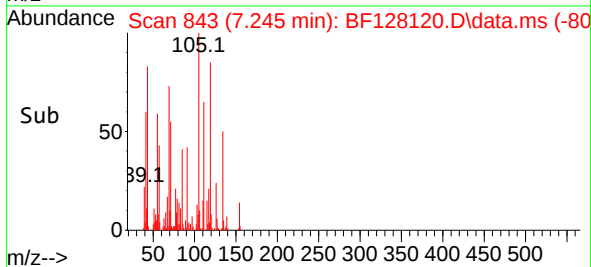
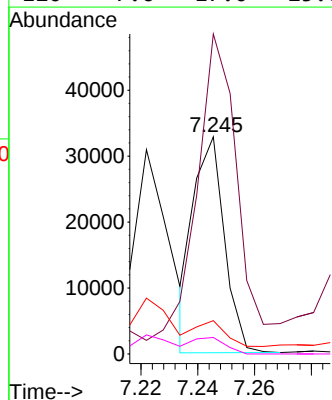
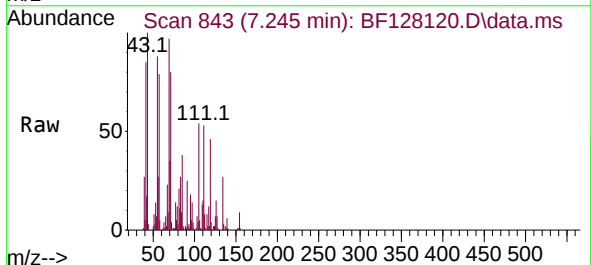
Instrument :
BNA_F
ClientSampleId :
GT-10-(10-12)DL

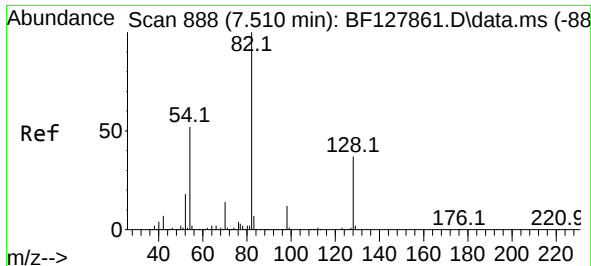
Tgt Ion:	136	Resp:	260897
Ion Ratio	Lower	Upper	
136	100		
137	12.5	8.6	13.0
54	15.0	6.8	10.2#
68	13.9	5.1	7.7#



#22
Acetophenone
Concen: 3.881 ng
RT: 7.245 min Scan# 843
Delta R.T. -0.082 min
Lab File: BF128120.D
Acq: 06 May 2022 12:19

Tgt Ion:	105	Resp:	24682
Ion Ratio	Lower	Upper	
105	100		
71	147.4	7.3	10.9#
51	15.3	23.7	35.5#
120	7.6	17.0	25.6#

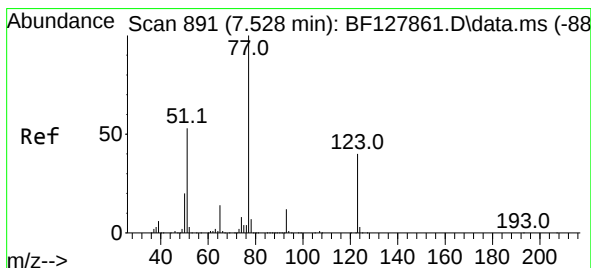
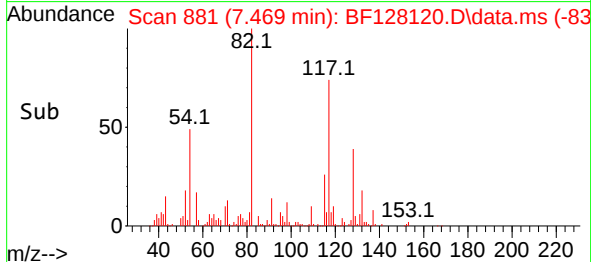
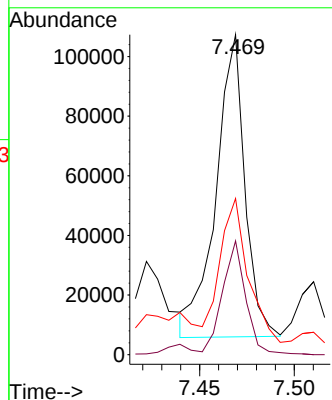
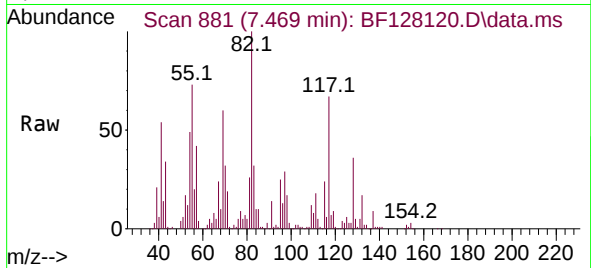




#23
Nitrobenzene-d5
Concen: 19.383 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF128120.D
Acq: 06 May 2022 12:19

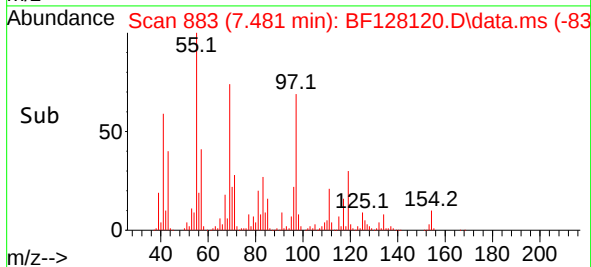
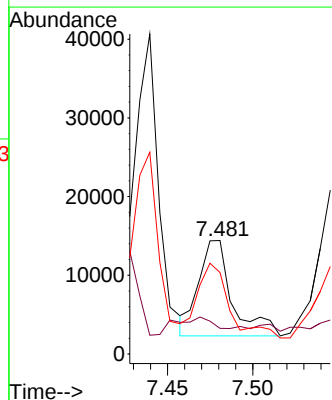
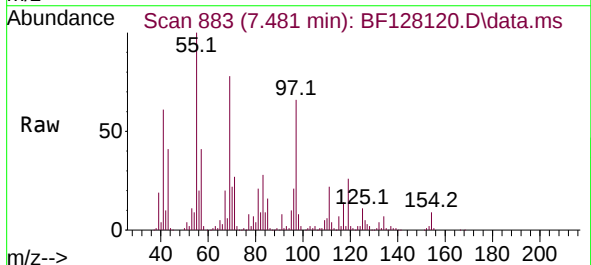
Instrument :
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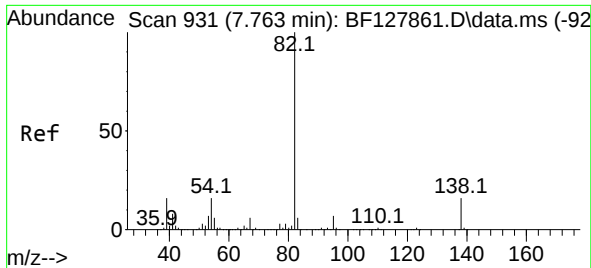
Tgt Ion: 82 Resp: 107542
Ion Ratio Lower Upper
82 100
128 35.6 30.0 45.0
54 48.8 41.3 61.9



#24
Nitrobenzene
Concen: 3.131 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.017 min
Lab File: BF128120.D
Acq: 06 May 2022 12:19

Tgt Ion: 77 Resp: 16739
Ion Ratio Lower Upper
77 100
123 22.5 32.0 48.0#
65 71.7 11.0 16.6#

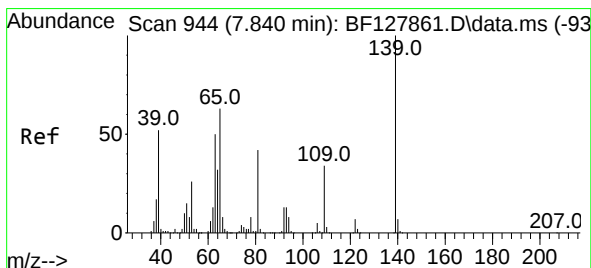
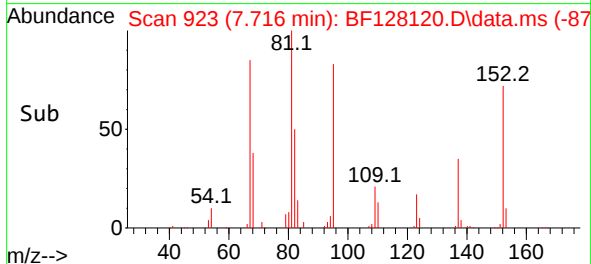
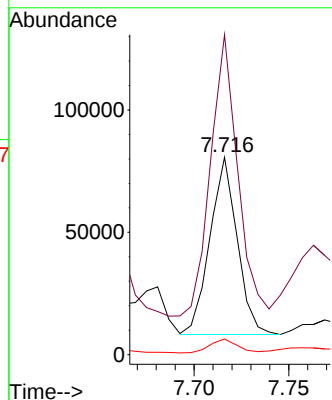
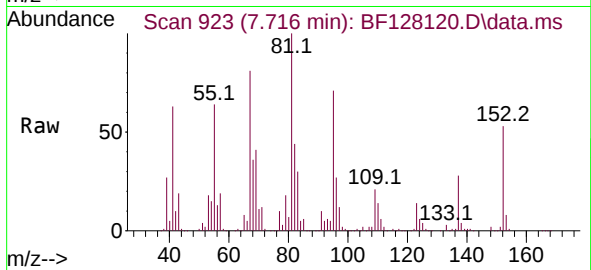




#25
Isophorone
Concen: 7.784 ng
RT: 7.716 min Scan# 91
Delta R.T. -0.023 min
Lab File: BF128120.D
Acq: 06 May 2022 12:19

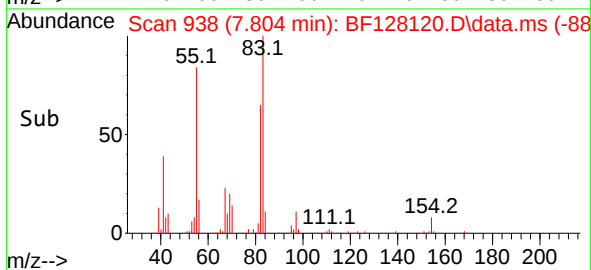
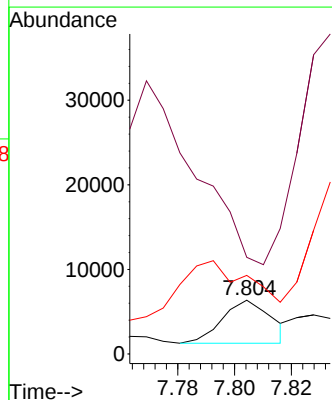
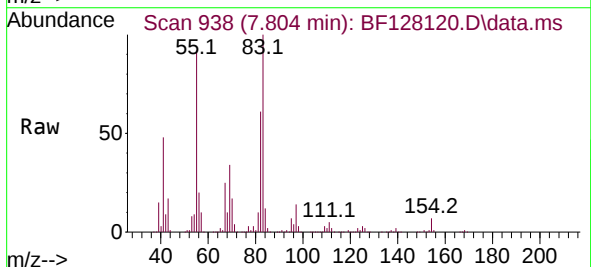
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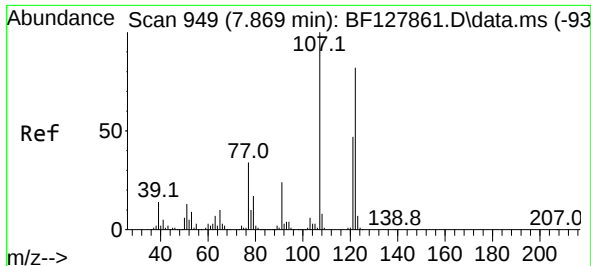
Tgt Ion: 82 Resp: 72687
Ion Ratio Lower Upper
82 100
95 162.1 5.6 8.4#
138 8.0 12.5 18.7#



#26
2-Nitrophenol
Concen: 2.666 ng
RT: 7.804 min Scan# 938
Delta R.T. -0.006 min
Lab File: BF128120.D
Acq: 06 May 2022 12:19

Tgt Ion: 139 Resp: 6074
Ion Ratio Lower Upper
139 100
109 179.5 27.4 41.2#
65 146.2 50.8 76.2#

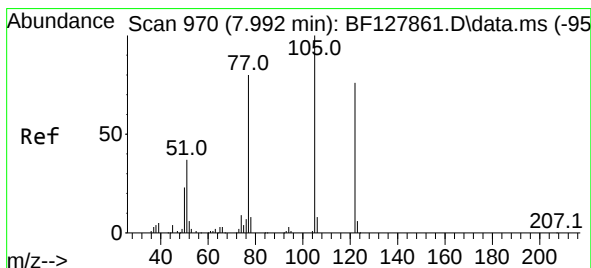
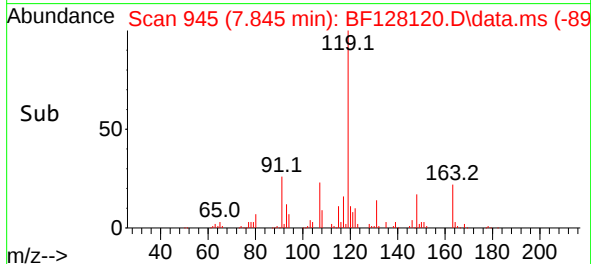
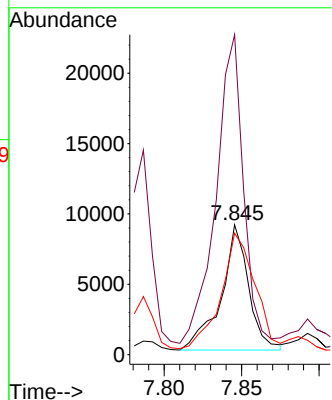
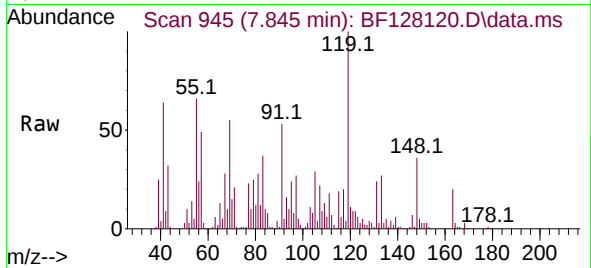




#27
2,4-Dimethylphenol
Concen: 2.914 ng
RT: 7.845 min Scan# 949
Delta R.T. 0.000 min
Lab File: BF128120.D
Acq: 06 May 2022 12:19

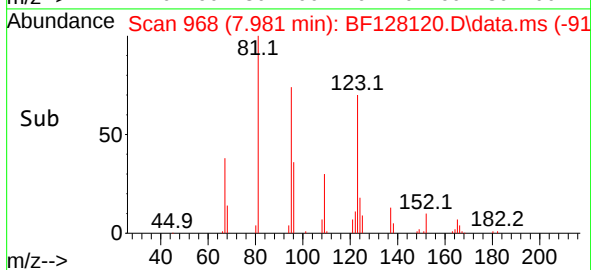
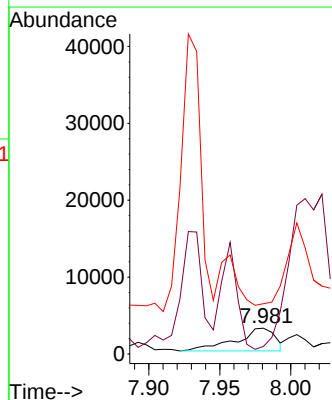
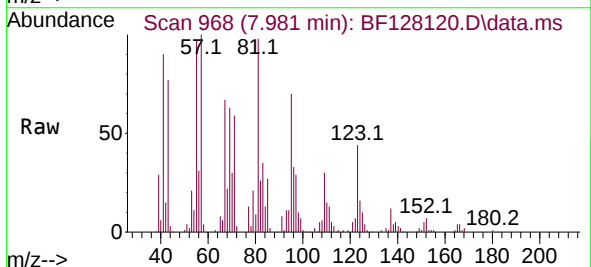
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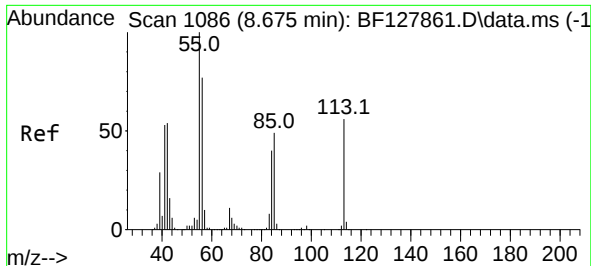
Tgt Ion:122 Resp: 11028
Ion Ratio Lower Upper
122 100
107 246.4 97.5 146.3#
121 93.5 46.0 69.0#



#32
Benzoic acid
Concen: 2.102 ng
RT: 7.981 min Scan# 968
Delta R.T. -0.006 min
Lab File: BF128120.D
Acq: 06 May 2022 12:19

Tgt Ion:122 Resp: 5701
Ion Ratio Lower Upper
122 100
105 29.2 107.9 147.9#
77 194.8 82.5 122.5#

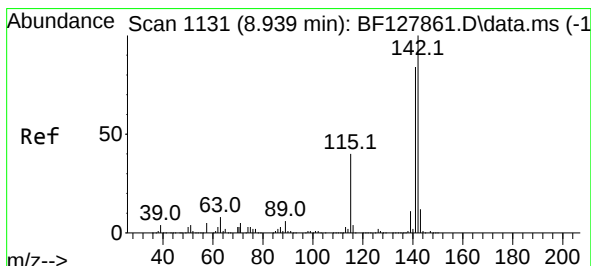
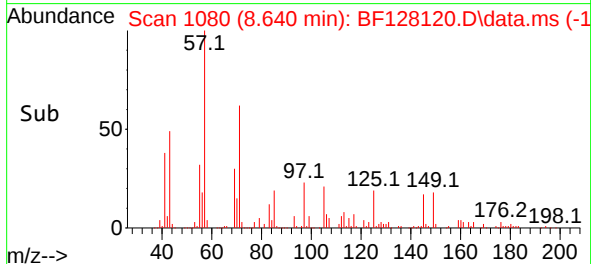
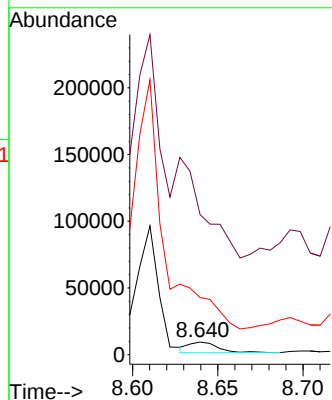
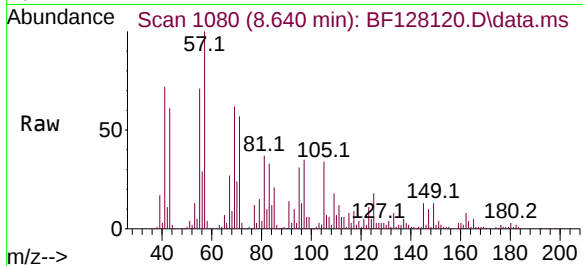




#35
 Caprolactam
 Concen: 7.529 ng
 RT: 8.640 min Scan# 1108
 Delta R.T. -0.017 min
 Lab File: BF128120.D
 Acq: 06 May 2022 12:19

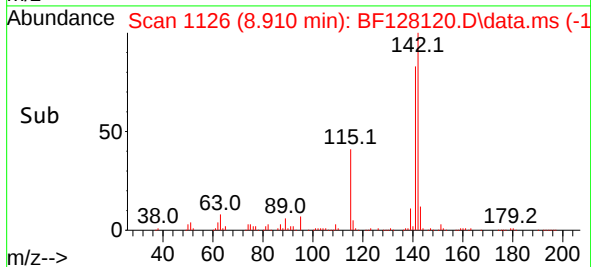
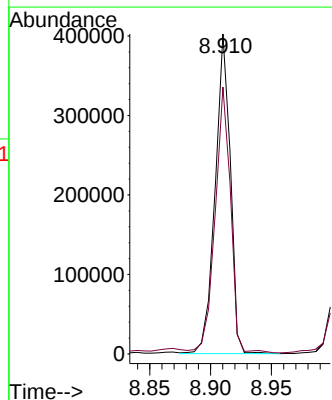
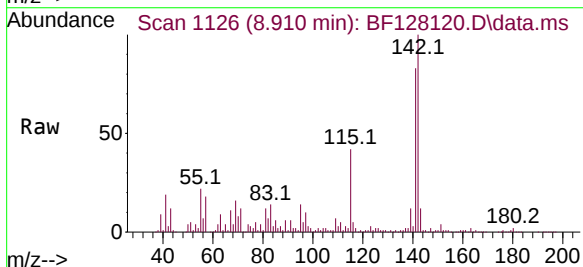
Instrument :
 BNA_F
 ClientSampleId :
 GT-10-(10-12)DL

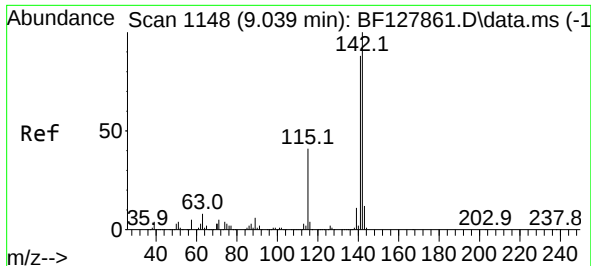
Tgt Ion:113 Resp: 9635
 Ion Ratio Lower Upper
 113 100
 55 1105.7 157.4 197.4#
 56 450.2 116.1 156.1#



#37
 2-Methylnaphthalene
 Concen: 39.819 ng
 RT: 8.910 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: BF128120.D
 Acq: 06 May 2022 12:19

Tgt Ion:142 Resp: 349687
 Ion Ratio Lower Upper
 142 100
 141 83.4 67.4 101.2

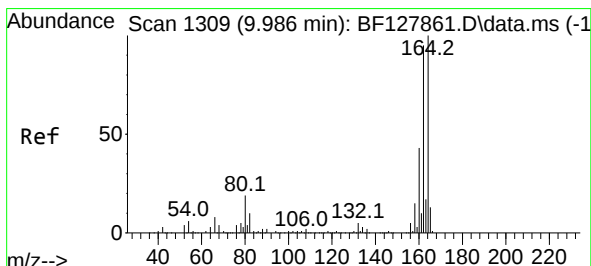
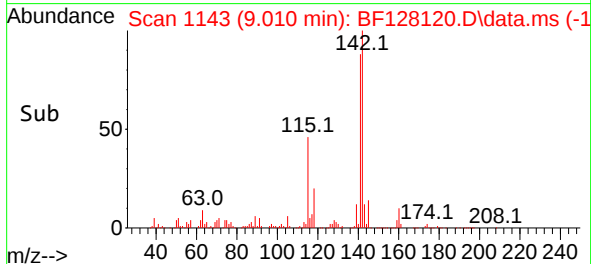
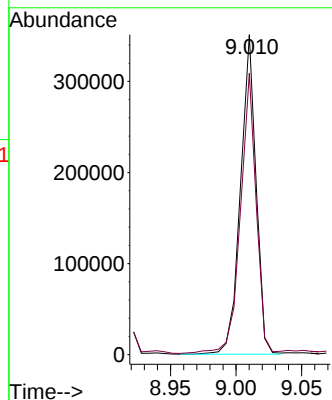
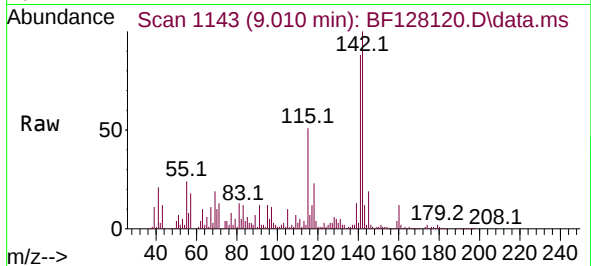




#38
1-Methylnaphthalene
Concen: 34.042 ng
RT: 9.010 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF128120.D
Acq: 06 May 2022 12:19

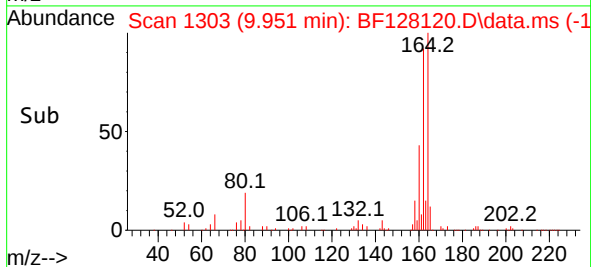
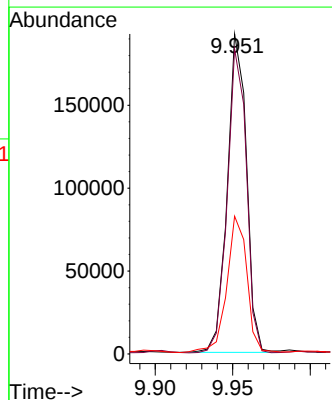
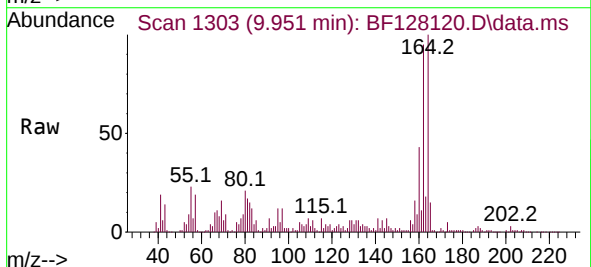
Instrument :
BNA_F
ClientSampleId :
GT-10-(10-12)DL

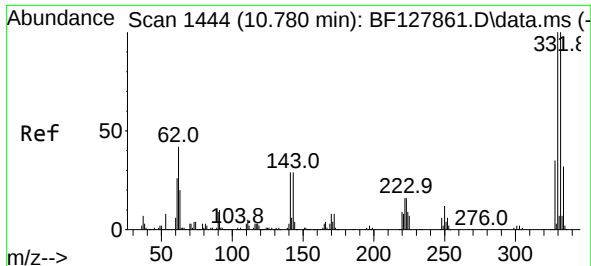
Tgt Ion:142 Resp: 290577
Ion Ratio Lower Upper
142 100
141 87.9 70.1 105.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BF128120.D
Acq: 06 May 2022 12:19

Tgt Ion:164 Resp: 165830
Ion Ratio Lower Upper
164 100
162 95.3 76.0 114.0
160 43.1 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 20.839 ng

RT: 10.739 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF128120.D

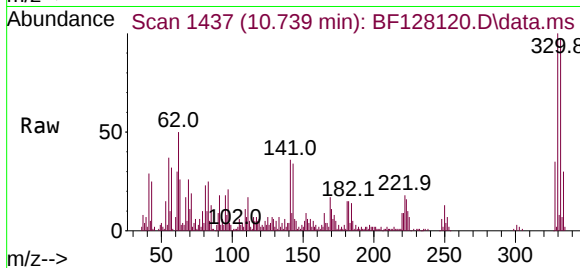
Acq: 06 May 2022 12:19

Instrument :

BNA_F

ClientSampleId :

GT-10-(10-12)DL



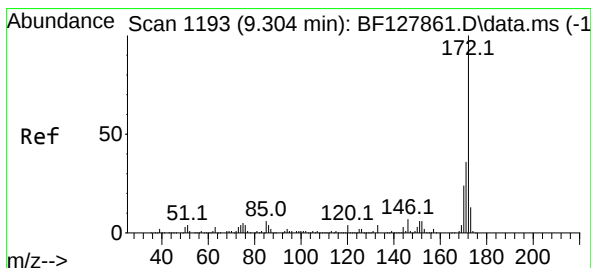
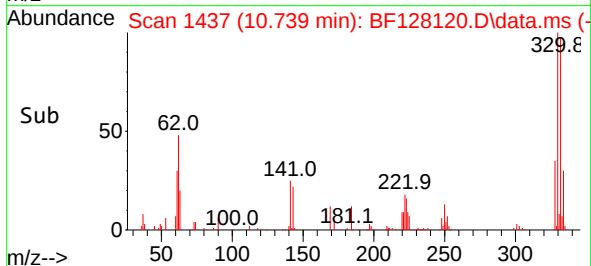
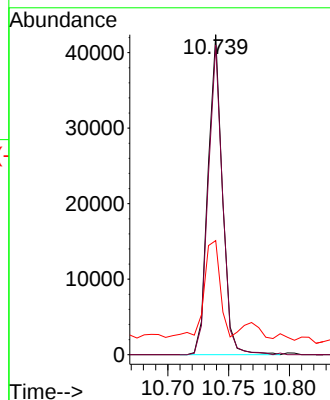
Tgt Ion:330 Resp: 34787

Ion Ratio Lower Upper

330 100

332 96.5 79.0 118.4

141 34.3 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 14.032 ng

RT: 9.269 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF128120.D

Acq: 06 May 2022 12:19

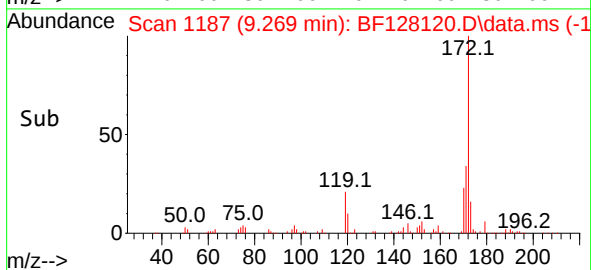
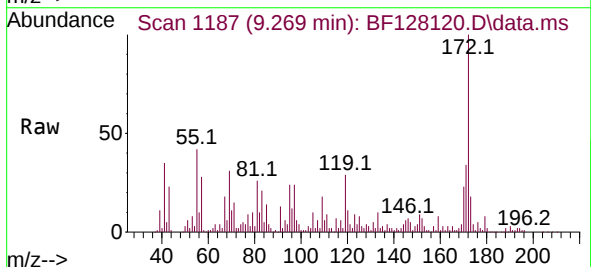
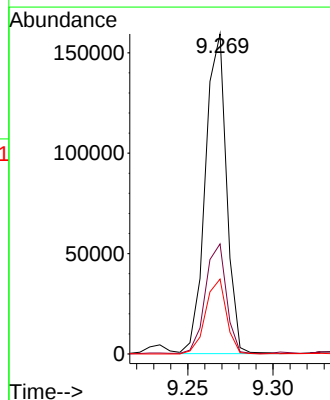
Tgt Ion:172 Resp: 137547

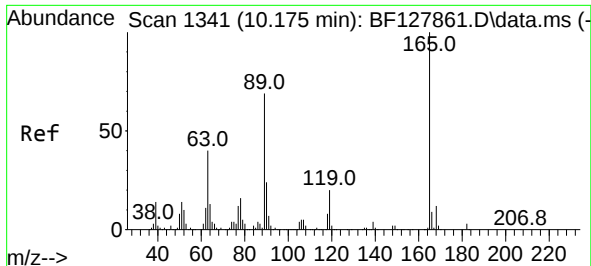
Ion Ratio Lower Upper

172 100

171 34.4 28.6 42.8

170 23.4 19.1 28.7

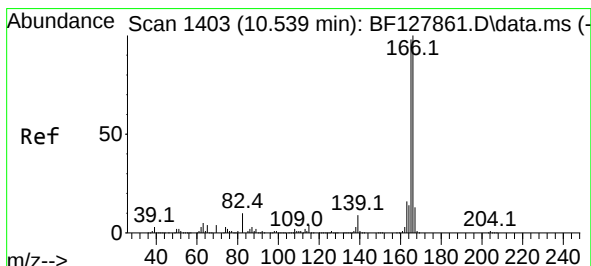
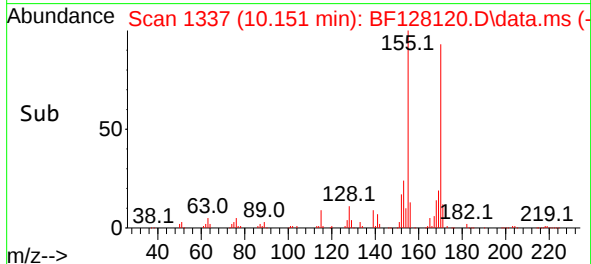
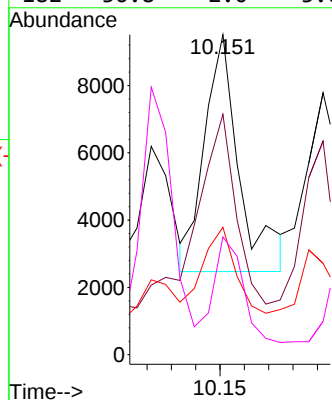
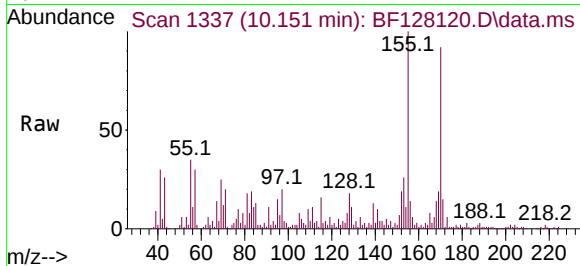




#57
2,4-Dinitrotoluene
Concen: 2.193 ng
RT: 10.151 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF128120.D
Acq: 06 May 2022 12:19

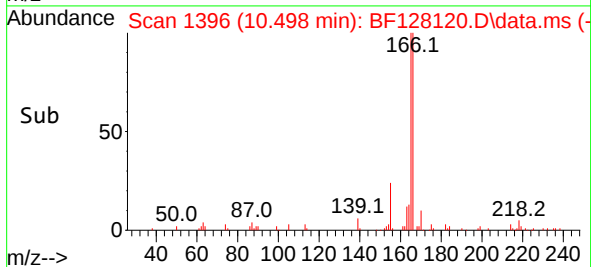
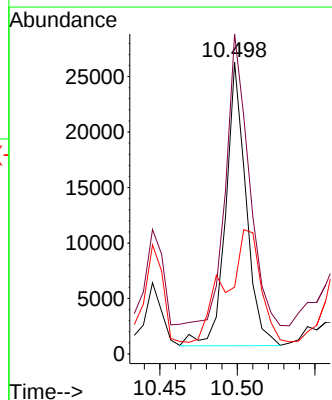
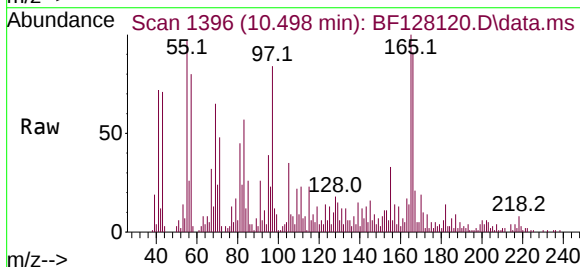
Instrument :
BNA_F
ClientSampleId :
GT-10-(10-12)DL

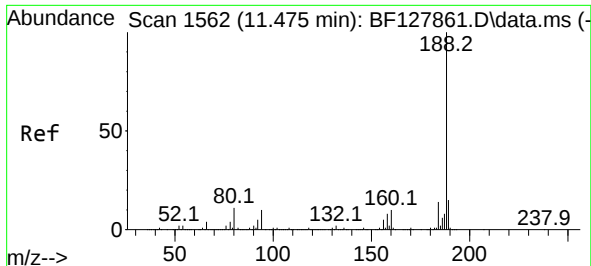
Tgt Ion:165 Resp: 6994
Ion Ratio Lower Upper
165 100
63 75.1 32.6 49.0#
89 39.8 55.2 82.8#
182 36.8 2.0 3.0#



#58
Fluorene
Concen: 2.246 ng
RT: 10.498 min Scan# 1396
Delta R.T. -0.006 min
Lab File: BF128120.D
Acq: 06 May 2022 12:19

Tgt Ion:166 Resp: 23254
Ion Ratio Lower Upper
166 100
165 109.7 78.6 117.8
167 22.9 10.5 15.7#

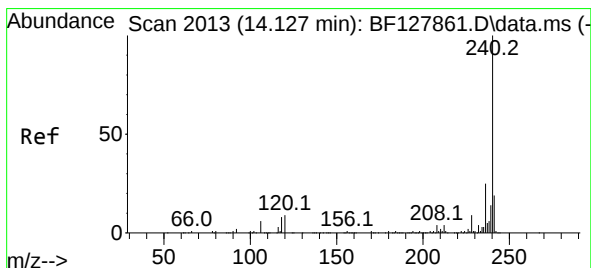
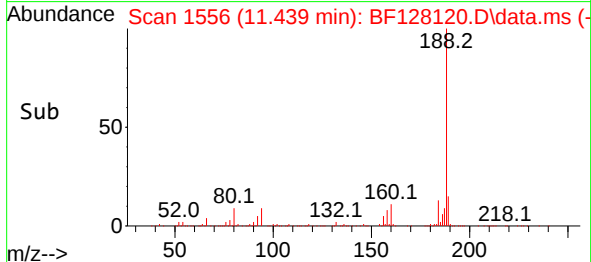
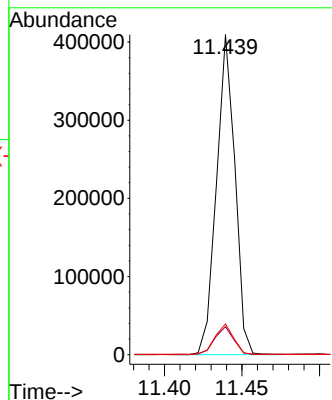
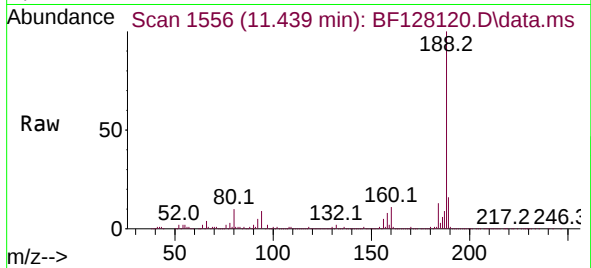




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128120.D
Acq: 06 May 2022 12:19

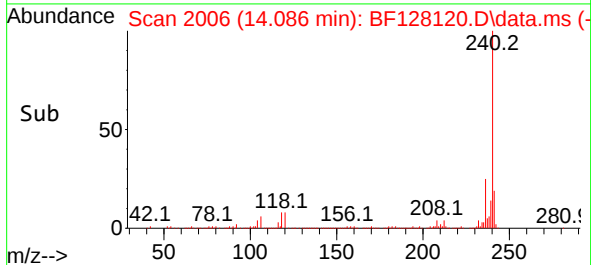
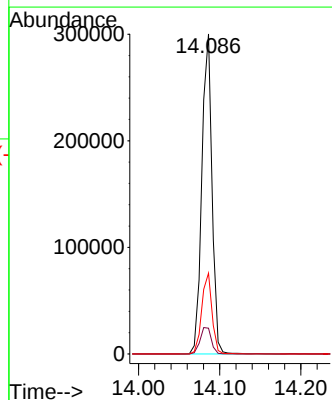
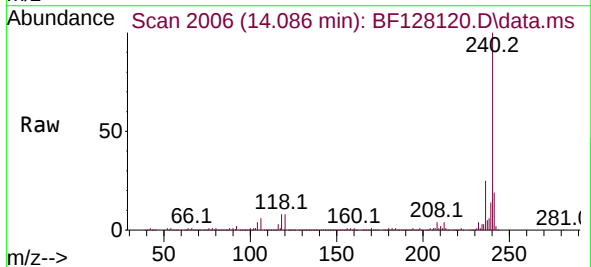
Instrument :
BNA_F
ClientSampleId :
GT-10-(10-12)DL

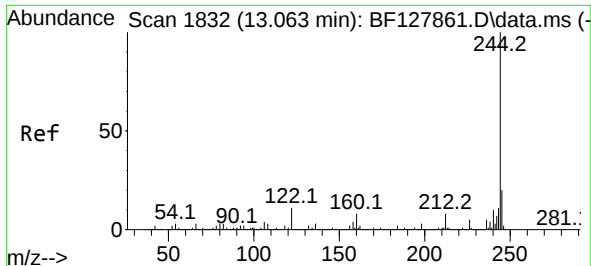
Tgt Ion:188 Resp: 338691
Ion Ratio Lower Upper
188 100
94 8.8 8.0 12.0
80 9.6 8.9 13.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF128120.D
Acq: 06 May 2022 12:19

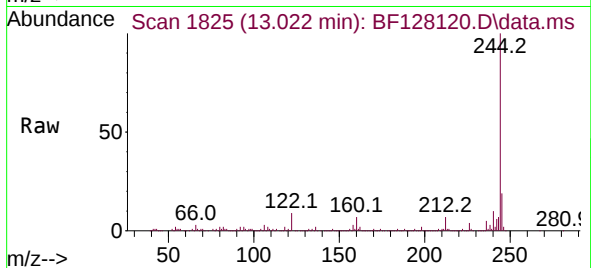
Tgt Ion:240 Resp: 261318
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.6
236 25.3 20.3 30.5



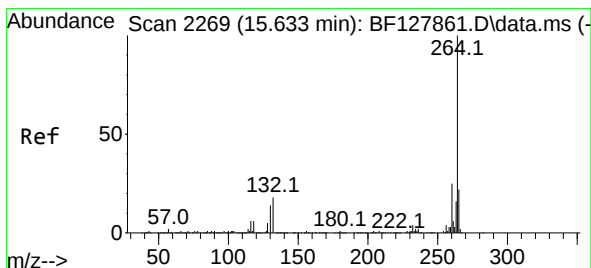
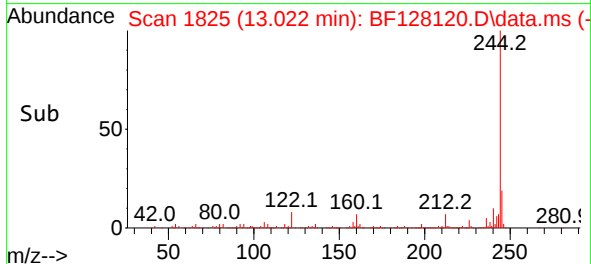
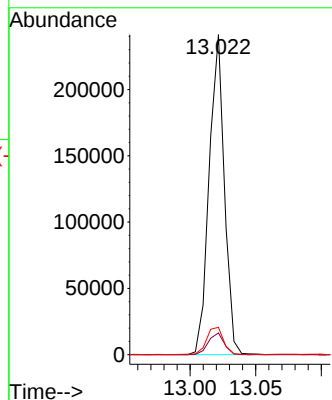


#79
 Terphenyl-d14
 Concen: 13.690 ng
 RT: 13.022 min Scan# 1825
 Delta R.T. -0.012 min
 Lab File: BF128120.D
 Acq: 06 May 2022 12:19

Instrument :
 BNA_F
 ClientSampleId :
 GT-10-(10-12)DL



Tgt Ion:244 Resp: 195643
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.2 9.4
 122 8.6 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.586 min Scan# 2261
 Delta R.T. -0.006 min
 Lab File: BF128120.D
 Acq: 06 May 2022 12:19

Tgt Ion:264 Resp: 177308
 Ion Ratio Lower Upper
 264 100
 260 23.0 20.1 30.1
 265 22.0 17.5 26.3

