

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050522\
 Data File : BF128101.D
 Acq On : 05 May 2022 18:25
 Operator : CG\JU
 Sample : N2676-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GT-05-(11-15)

Quant Time: May 06 05:01:55 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)

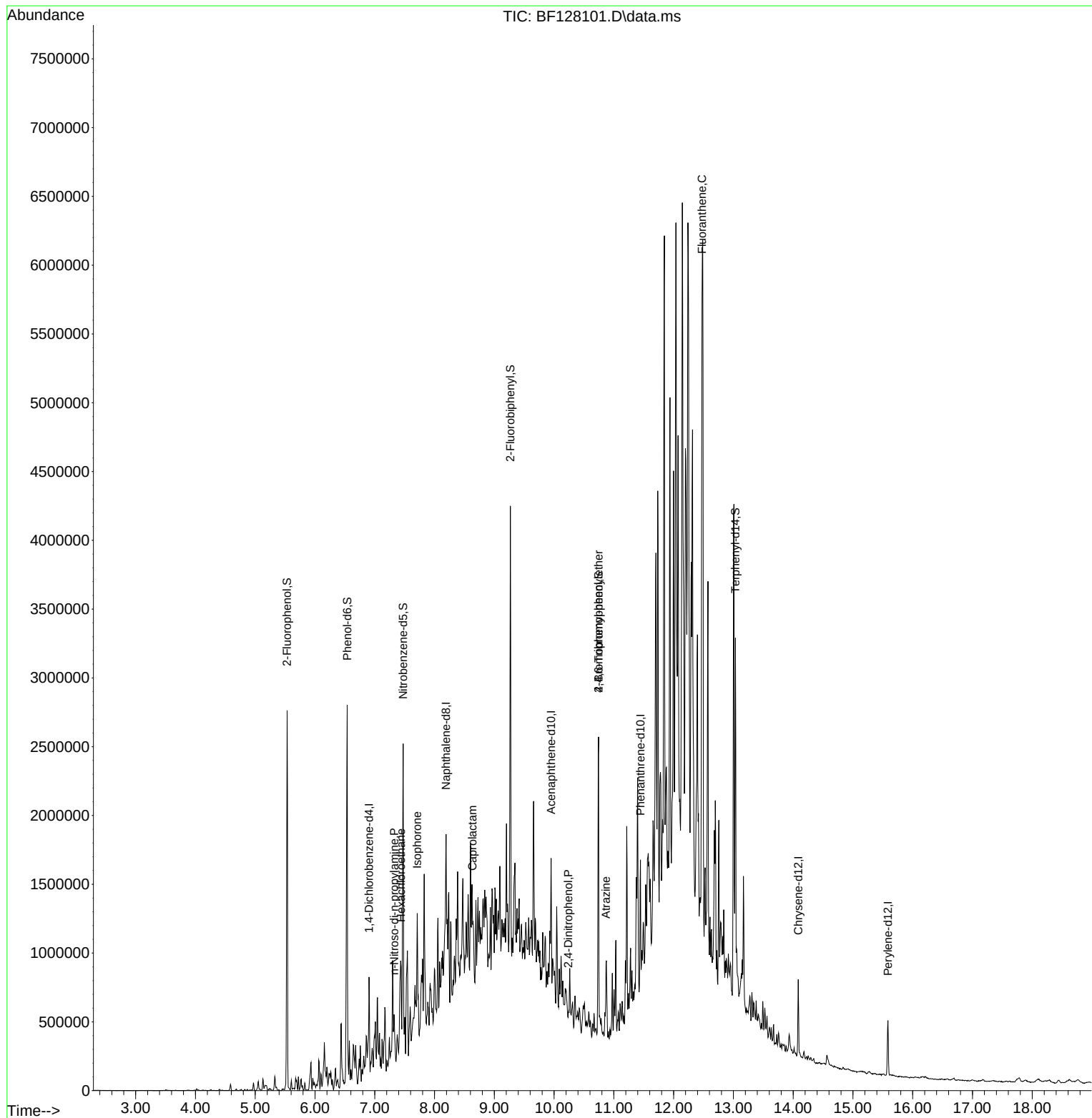
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	88159	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	310059	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	181790	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	295452	20.000	ng	0.00
76) Chrysene-d12	14.086	240	180033	20.000	ng	0.00
86) Perylene-d12	15.586	264	183821	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	756703	136.715	ng	0.00
7) Phenol-d6	6.539	99	1002885	139.640	ng	0.00
23) Nitrobenzene-d5	7.475	82	701281	106.358	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	284135	155.263	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1093089	101.723	ng	0.00
79) Terphenyl-d14	13.033	244	860983	87.448	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.439	117	14096	5.809	ng	# 1
19) n-Nitroso-di-n-propyla...	7.328	70	18309	4.165	ng	# 69
25) Isophorone	7.710	82	49611	4.470	ng	# 1
35) Caprolactam	8.633	113	5488	3.609	ng	# 1
54) 2,4-Dinitrophenol	10.239	184	3981	2.864	ng	92
67) 4-Bromophenyl-phenylether	10.745	248	17214	5.256	ng	# 1
69) Atrazine	10.869	200	7341	2.582	ng	86
75) Fluoranthene	12.474	202	58591	3.600	ng	85

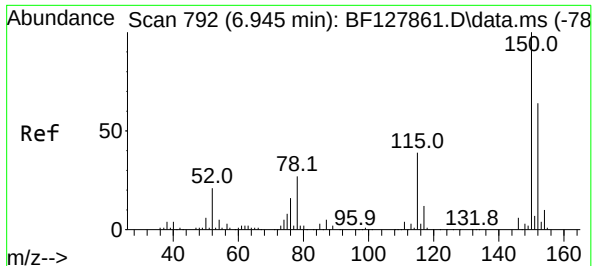
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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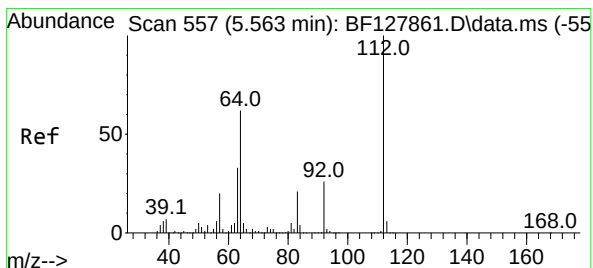
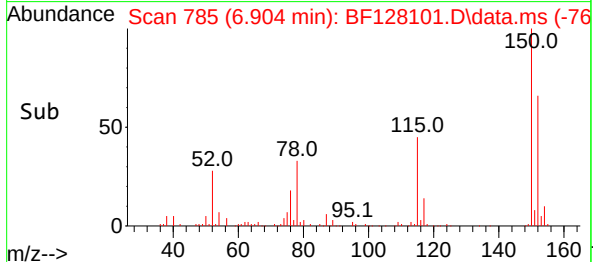
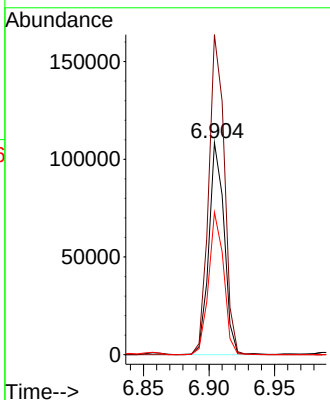
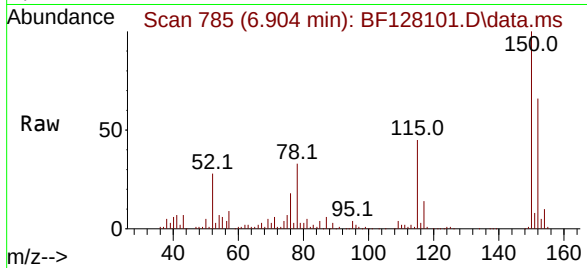




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 792
 Delta R.T. -0.006 min
 Lab File: BF128101.D
 Acq: 05 May 2022 18:25

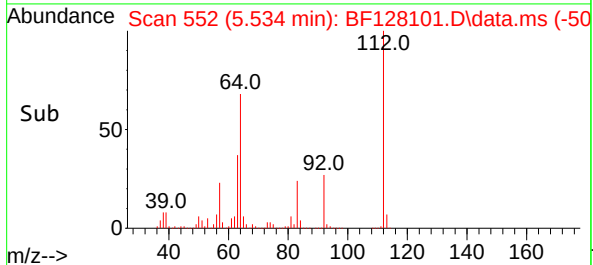
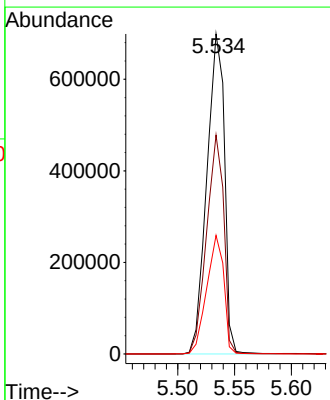
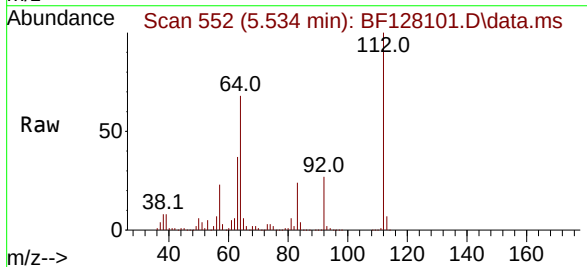
Instrument :
 BNA_F
 ClientSampleId :
 GT-05-(11-15)

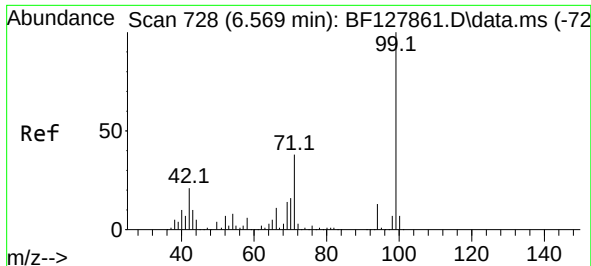
Tgt Ion:152 Resp: 88159
 Ion Ratio Lower Upper
 152 100
 150 151.0 125.3 187.9
 115 67.2 48.8 73.2



#5
 2-Fluorophenol
 Concen: 136.715 ng
 RT: 5.534 min Scan# 552
 Delta R.T. -0.000 min
 Lab File: BF128101.D
 Acq: 05 May 2022 18:25

Tgt Ion:112 Resp: 756703
 Ion Ratio Lower Upper
 112 100
 64 68.4 49.5 74.3
 63 37.1 26.3 39.5



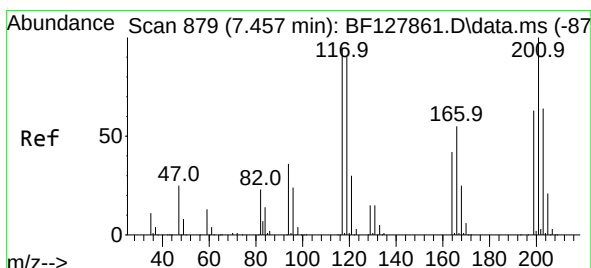
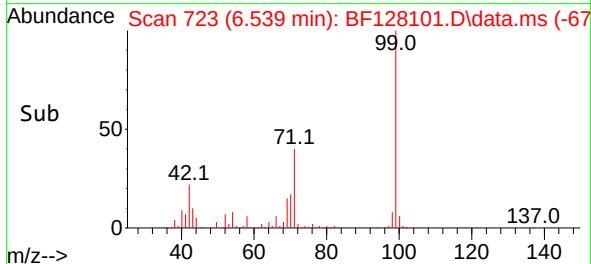
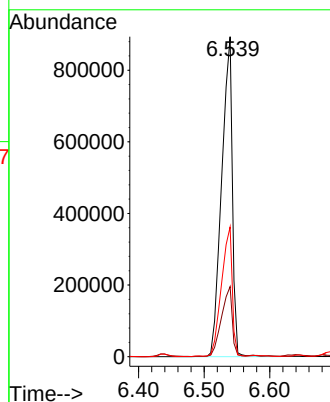
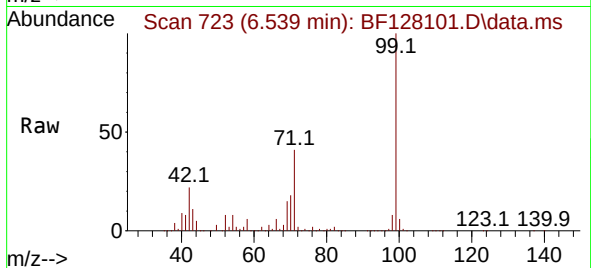


#7
Phenol-d6
Concen: 139.640 ng
RT: 6.539 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128101.D
Acq: 05 May 2022 18:25

Instrument :
BNA_F
ClientSampleId :
GT-05-(11-15)

Tgt Ion: 99 Resp: 1002885

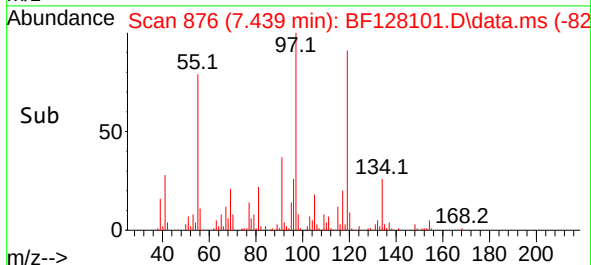
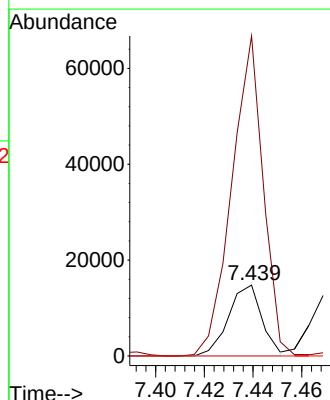
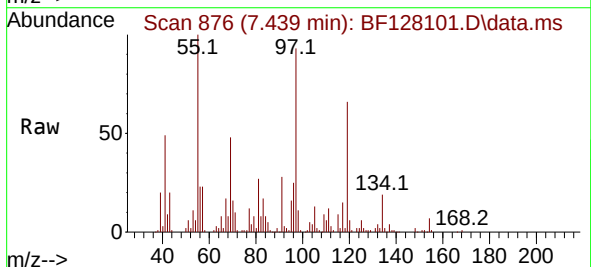
Ion	Ratio	Lower	Upper
99	100		
42	21.9	16.6	24.8
71	40.5	30.0	45.0

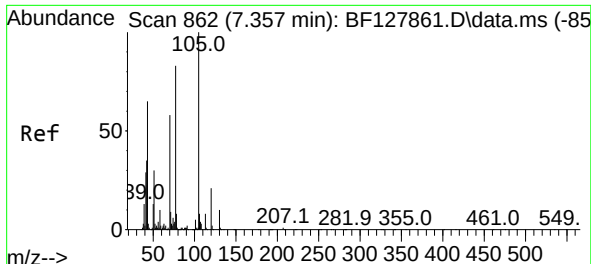


#18
Hexachloroethane
Concen: 5.809 ng
RT: 7.439 min Scan# 876
Delta R.T. 0.018 min
Lab File: BF128101.D
Acq: 05 May 2022 18:25

Tgt Ion: 117 Resp: 14096

Ion	Ratio	Lower	Upper
117	100		
119	451.5	76.2	114.4#
201	0.0	84.4	126.6#



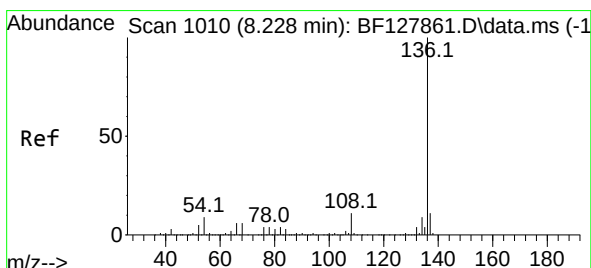
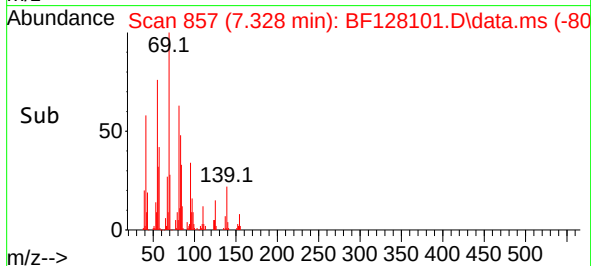
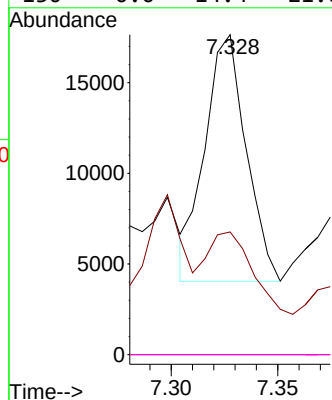
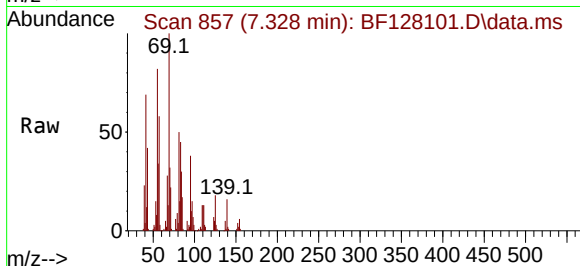


#19
n-Nitroso-di-n-propylamine
Concen: 4.165 ng
RT: 7.328 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF128101.D
Acq: 05 May 2022 18:25

Instrument :
BNA_F
ClientSampleId :
GT-05-(11-15)

Tgt Ion: 70 Resp: 18309

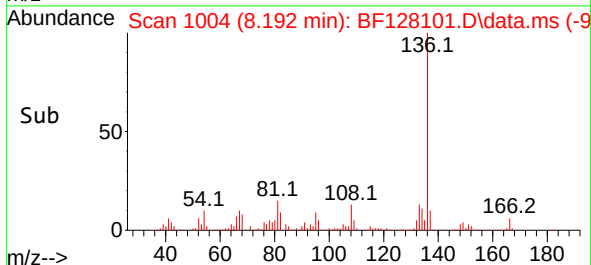
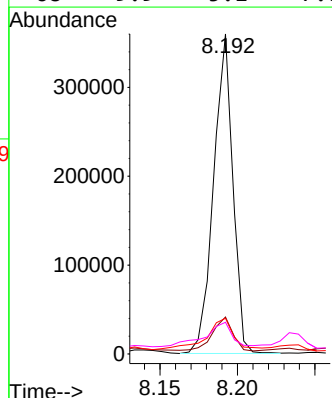
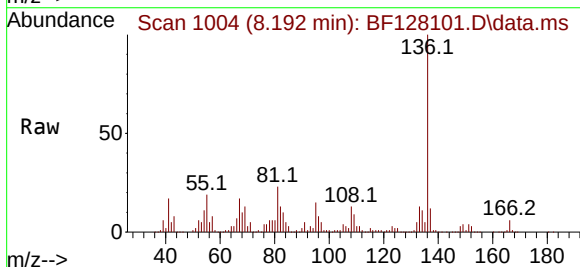
Ion	Ratio	Lower	Upper
70	100		
42	38.4	48.7	73.1#
101	0.0	7.2	10.8#
130	0.0	14.4	21.6#

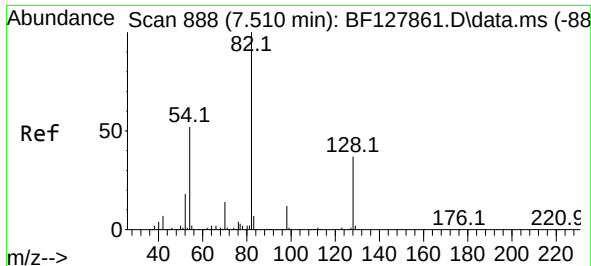


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 1004
Delta R.T. -0.006 min
Lab File: BF128101.D
Acq: 05 May 2022 18:25

Tgt Ion: 136 Resp: 310059

Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	13.0
54	11.2	6.8	10.2#
68	9.9	5.1	7.7#

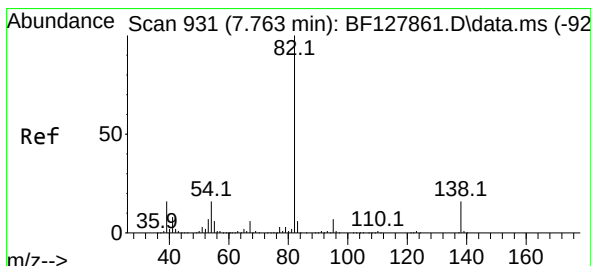
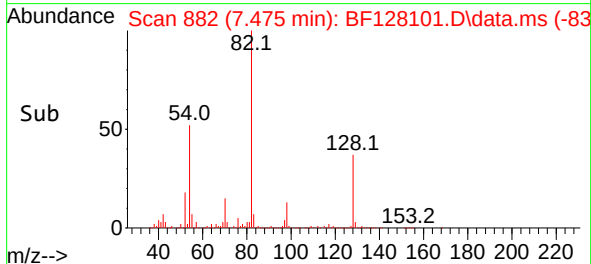
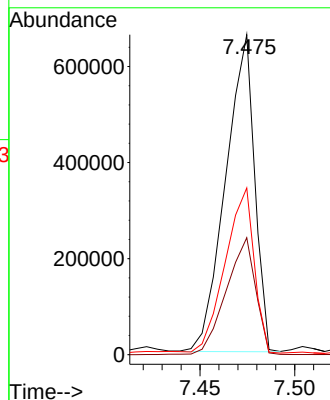
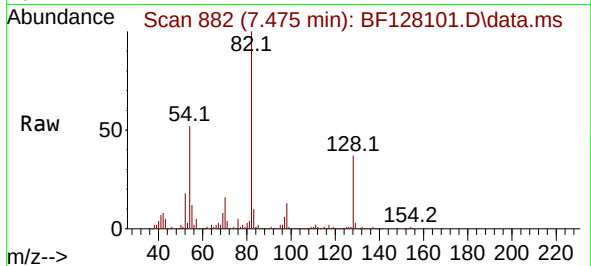




#23
Nitrobenzene-d5
Concen: 106.358 ng
RT: 7.475 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF128101.D
Acq: 05 May 2022 18:25

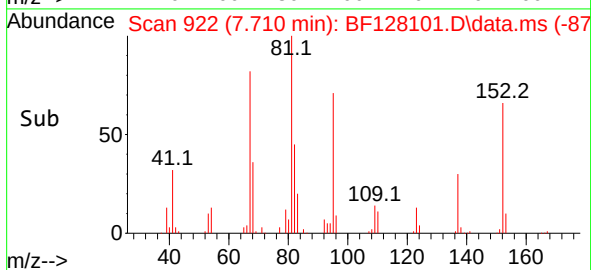
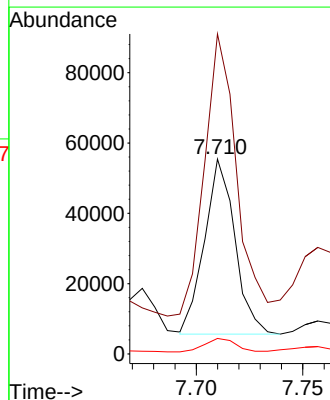
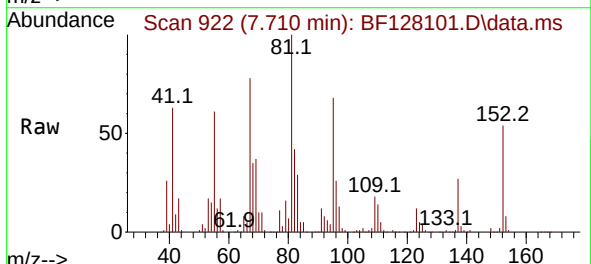
Instrument :
BNA_F
ClientSampleId :
GT-05-(11-15)

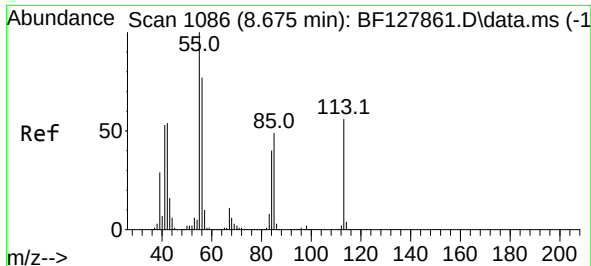
Tgt Ion: 82 Resp: 701281
Ion Ratio Lower Upper
82 100
128 36.6 30.0 45.0
54 52.1 41.3 61.9



#25
Isophorone
Concen: 4.470 ng
RT: 7.710 min Scan# 922
Delta R.T. -0.029 min
Lab File: BF128101.D
Acq: 05 May 2022 18:25

Tgt Ion: 82 Resp: 49611
Ion Ratio Lower Upper
82 100
95 164.2 5.6 8.4#
138 8.0 12.5 18.7#

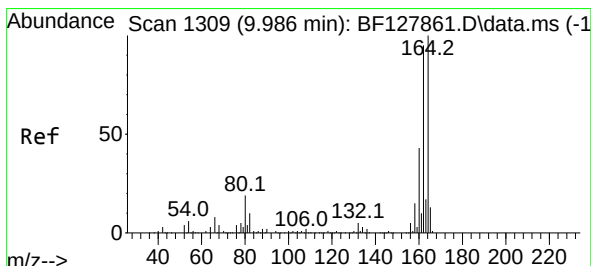
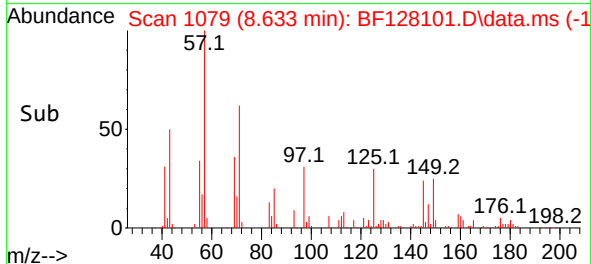
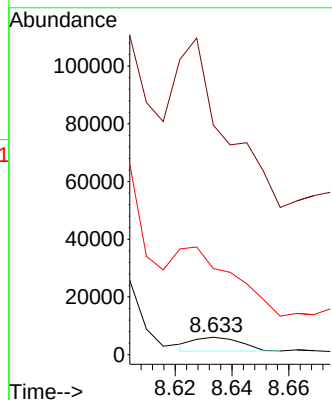
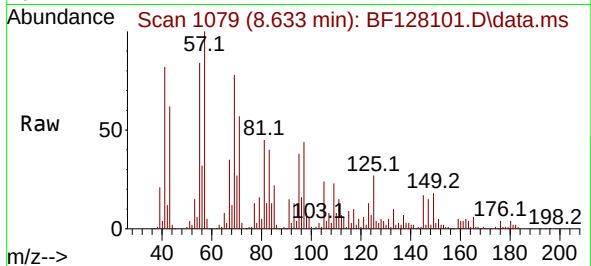




#35
Caprolactam
Concen: 3.609 ng
RT: 8.633 min Scan# 1086
Delta R.T. -0.024 min
Lab File: BF128101.D
Acq: 05 May 2022 18:25

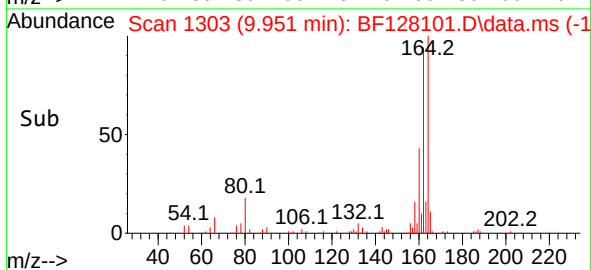
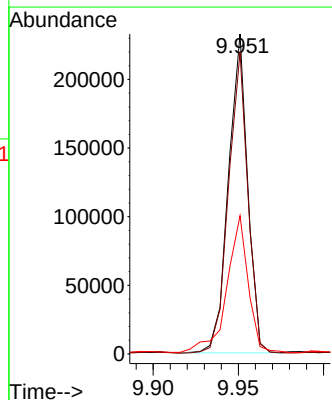
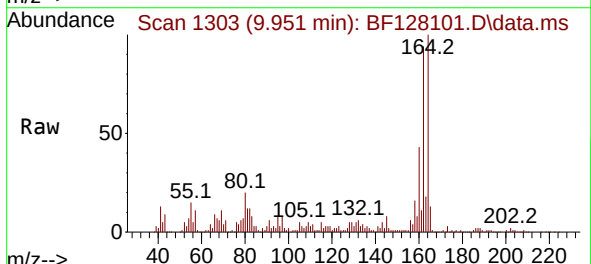
Instrument :
BNA_F
ClientSampleId :
GT-05-(11-15)

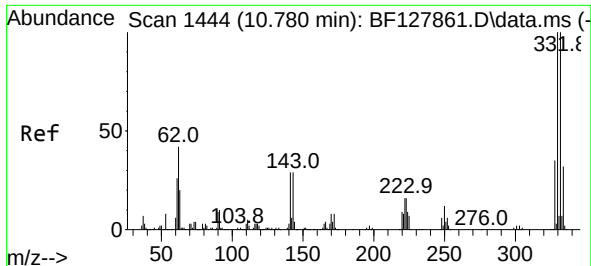
Tgt Ion:113 Resp: 5488
Ion Ratio Lower Upper
113 100
55 1313.7 157.4 197.4#
56 492.3 116.1 156.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BF128101.D
Acq: 05 May 2022 18:25

Tgt Ion:164 Resp: 181790
Ion Ratio Lower Upper
164 100
162 94.3 76.0 114.0
160 43.2 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 155.263 ng

RT: 10.745 min Scan# 1444

Delta R.T. -0.000 min

Lab File: BF128101.D

Acq: 05 May 2022 18:25

Instrument :

BNA_F

ClientSampleId :

GT-05-(11-15)

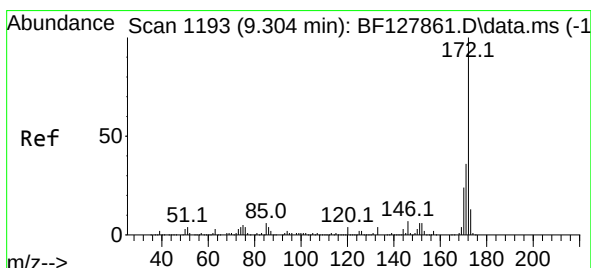
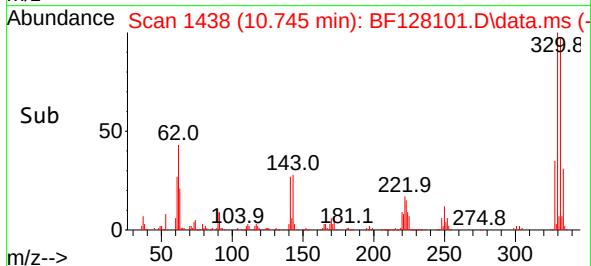
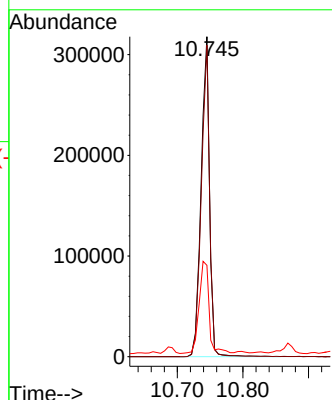
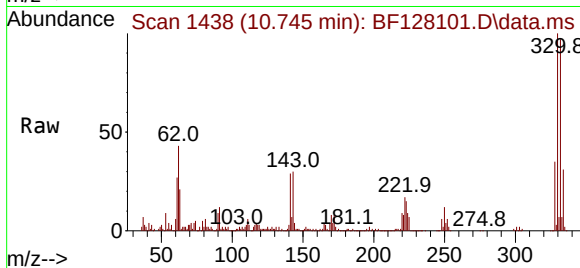
Tgt Ion:330 Resp: 284135

Ion Ratio Lower Upper

330 100

332 95.9 79.0 118.4

141 34.1 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 101.723 ng

RT: 9.269 min Scan# 1187

Delta R.T. -0.000 min

Lab File: BF128101.D

Acq: 05 May 2022 18:25

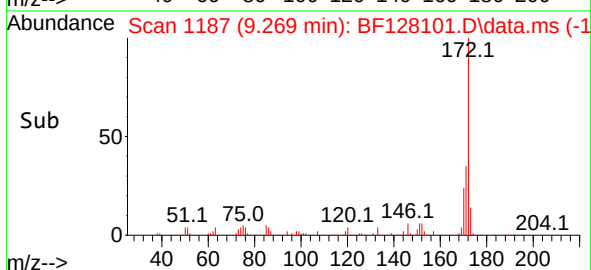
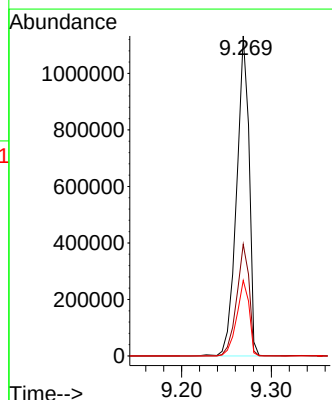
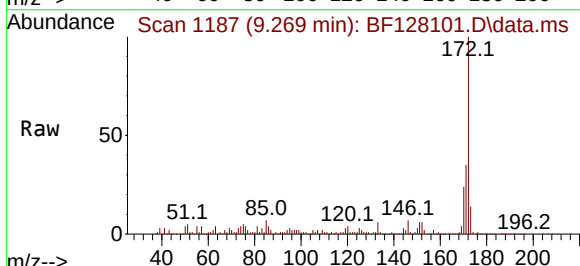
Tgt Ion:172 Resp: 1093089

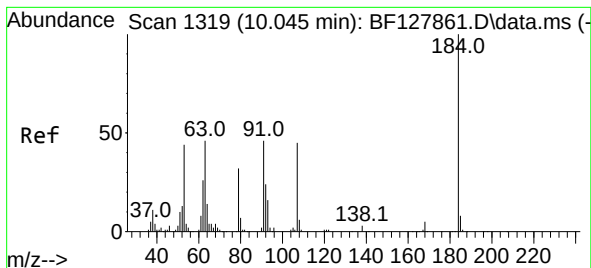
Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 23.6 19.1 28.7

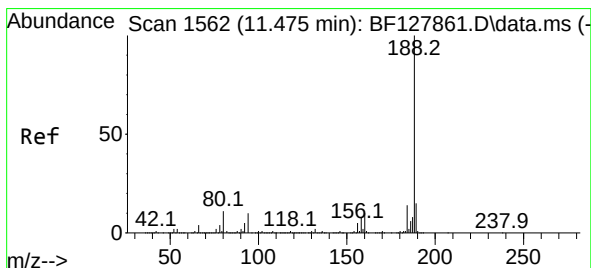
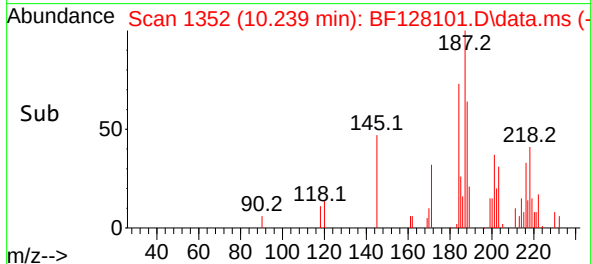
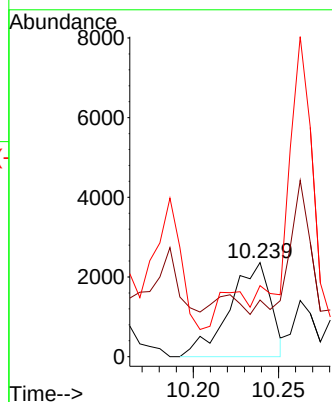
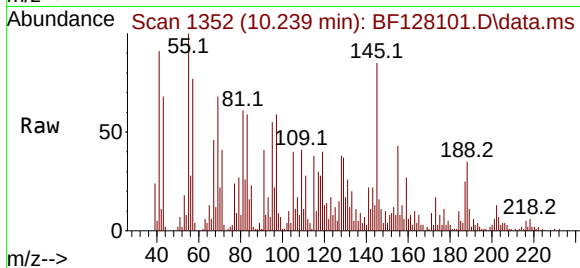




#54
2,4-Dinitrophenol
Concen: 2.864 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.218 min
Lab File: BF128101.D
Acq: 05 May 2022 18:25

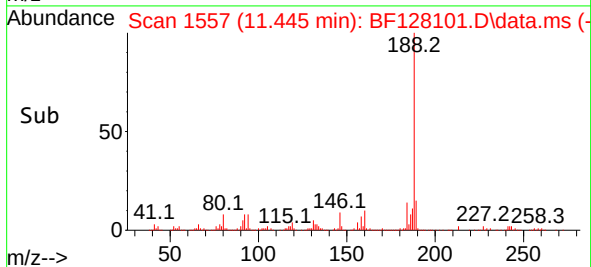
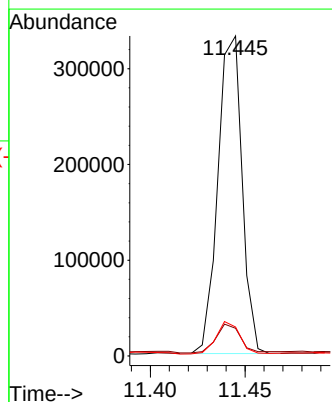
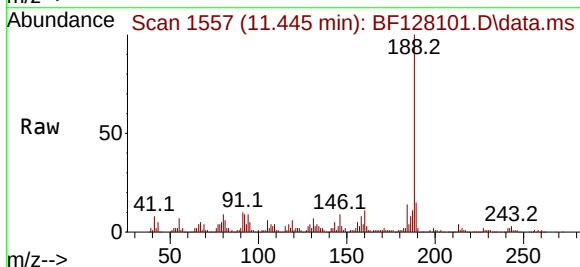
Instrument :
BNA_F
ClientSampleId :
GT-05-(11-15)

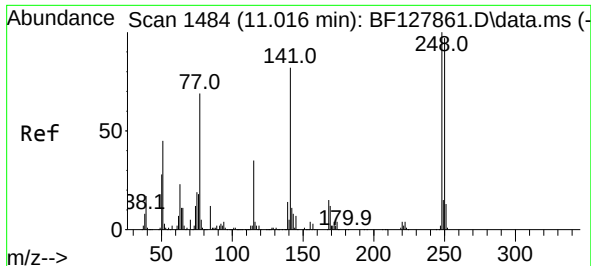
Tgt Ion:184 Resp: 3981
Ion Ratio Lower Upper
184 100
63 60.2 50.0 75.0
154 75.5 51.7 77.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF128101.D
Acq: 05 May 2022 18:25

Tgt Ion:188 Resp: 295452
Ion Ratio Lower Upper
188 100
94 8.7 8.0 12.0
80 9.1 8.9 13.3

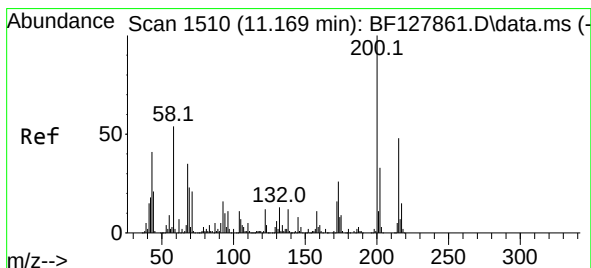
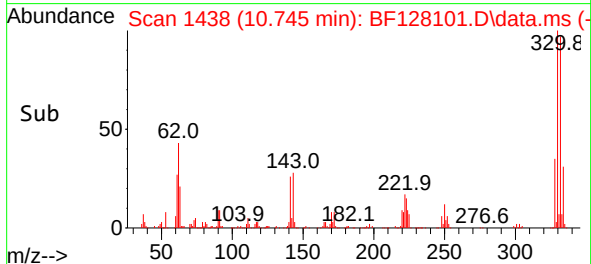
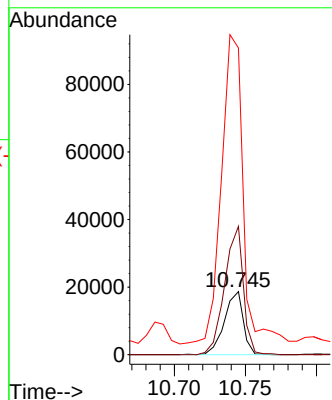
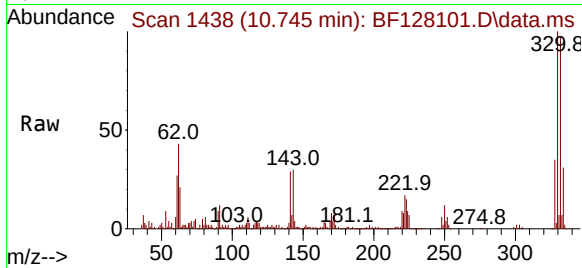




#67
4-Bromophenyl-phenylether
Concen: 5.256 ng
RT: 10.745 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF128101.D
Acq: 05 May 2022 18:25

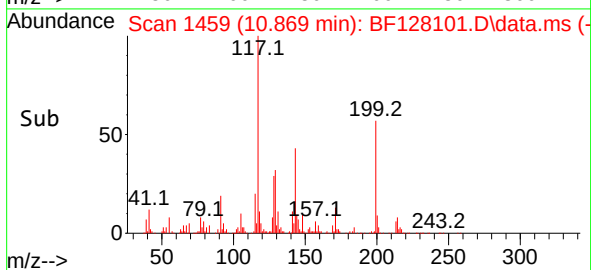
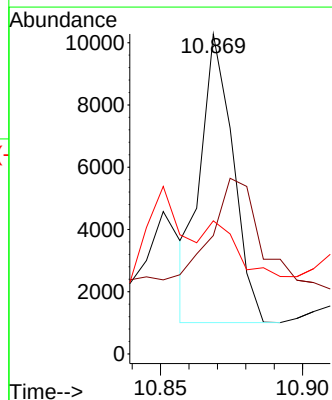
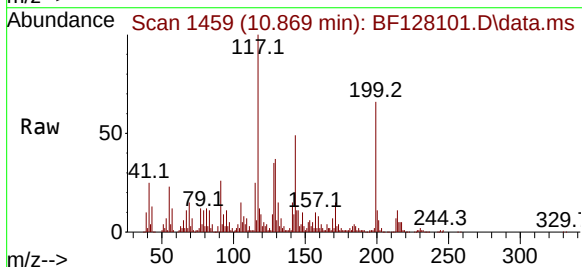
Instrument :
BNA_F
ClientSampleId :
GT-05-(11-15)

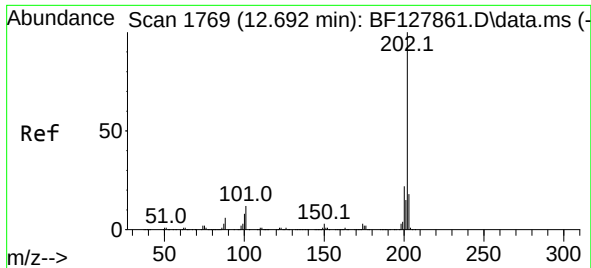
Tgt Ion:248 Resp: 17214
Ion Ratio Lower Upper
248 100
250 203.4 77.7 116.5#
141 485.9 65.6 98.4#



#69
Atrazine
Concen: 2.582 ng
RT: 10.869 min Scan# 1459
Delta R.T. -0.271 min
Lab File: BF128101.D
Acq: 05 May 2022 18:25

Tgt Ion:200 Resp: 7341
Ion Ratio Lower Upper
200 100
173 37.0 6.0 46.0
215 41.6 28.1 68.1

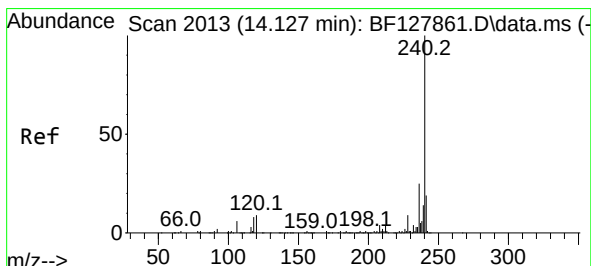
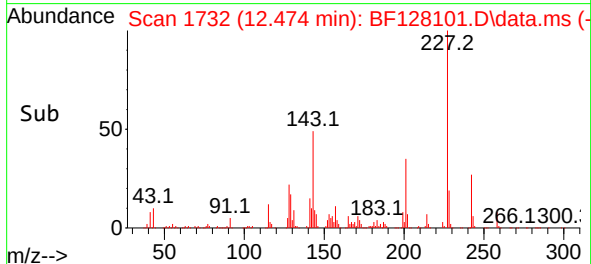
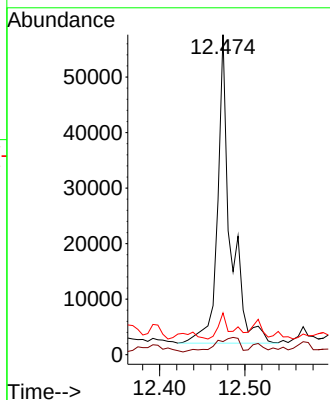
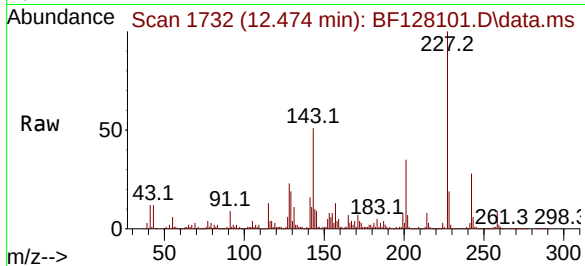




#75
Fluoranthene
Concen: 3.600 ng
RT: 12.474 min Scan# 1
Delta R.T. -0.188 min
Lab File: BF128101.D
Acq: 05 May 2022 18:25

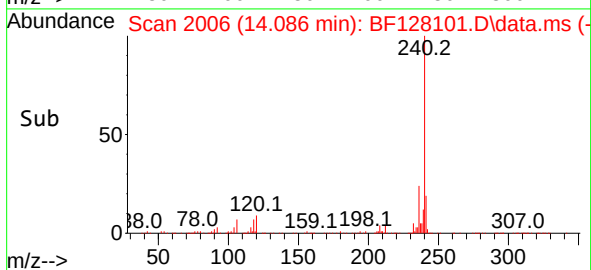
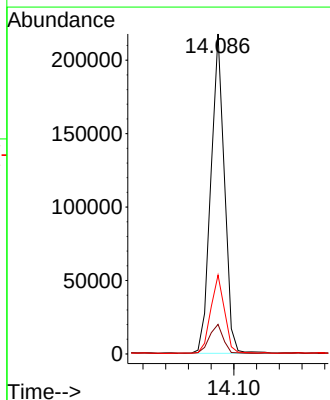
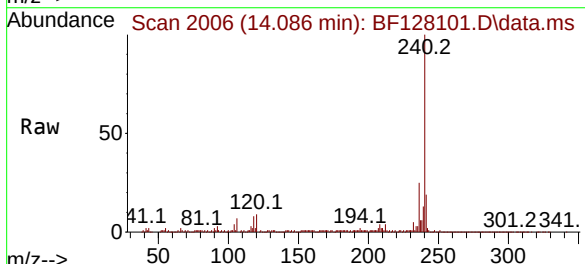
Instrument :
BNA_F
ClientSampleId :
GT-05-(11-15)

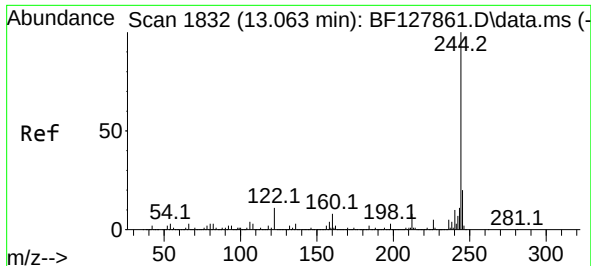
Tgt Ion:202 Resp: 58591
Ion Ratio Lower Upper
202 100
101 4.1 0.0 31.6
203 13.1 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF128101.D
Acq: 05 May 2022 18:25

Tgt Ion:240 Resp: 180033
Ion Ratio Lower Upper
240 100
120 9.2 7.0 10.6
236 24.7 20.3 30.5

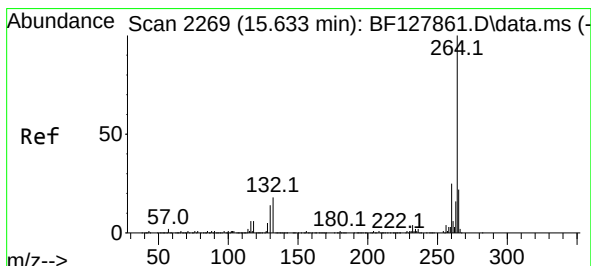
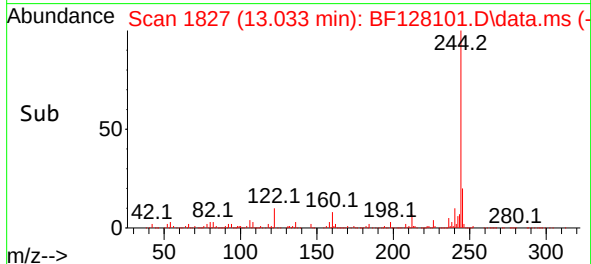
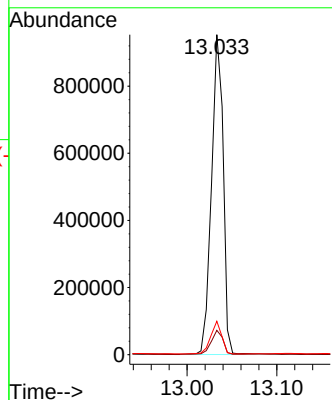
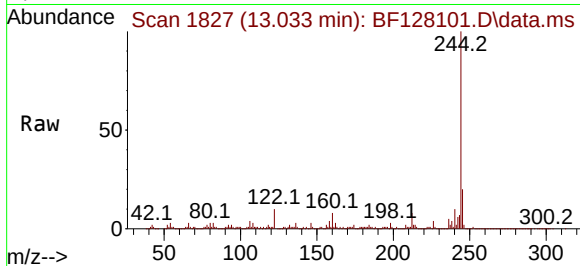




#79
 Terphenyl-d14
 Concen: 87.448 ng
 RT: 13.033 min Scan# 1832
 Delta R.T. -0.000 min
 Lab File: BF128101.D
 Acq: 05 May 2022 18:25

Instrument :
 BNA_F
 ClientSampleId :
 GT-05-(11-15)

Tgt Ion:244 Resp: 860983
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.4
 122 10.5 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: BF128101.D
 Acq: 05 May 2022 18:25

Tgt Ion:264 Resp: 183821
 Ion Ratio Lower Upper
 264 100
 260 24.4 20.1 30.1
 265 22.5 17.5 26.3

