

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
 Data File : BF128679.D
 Acq On : 03 Jun 2022 14:47
 Operator : CG\JU
 Sample : N2987-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P034-SS001-1218-01

Quant Time: Jun 03 23:41:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

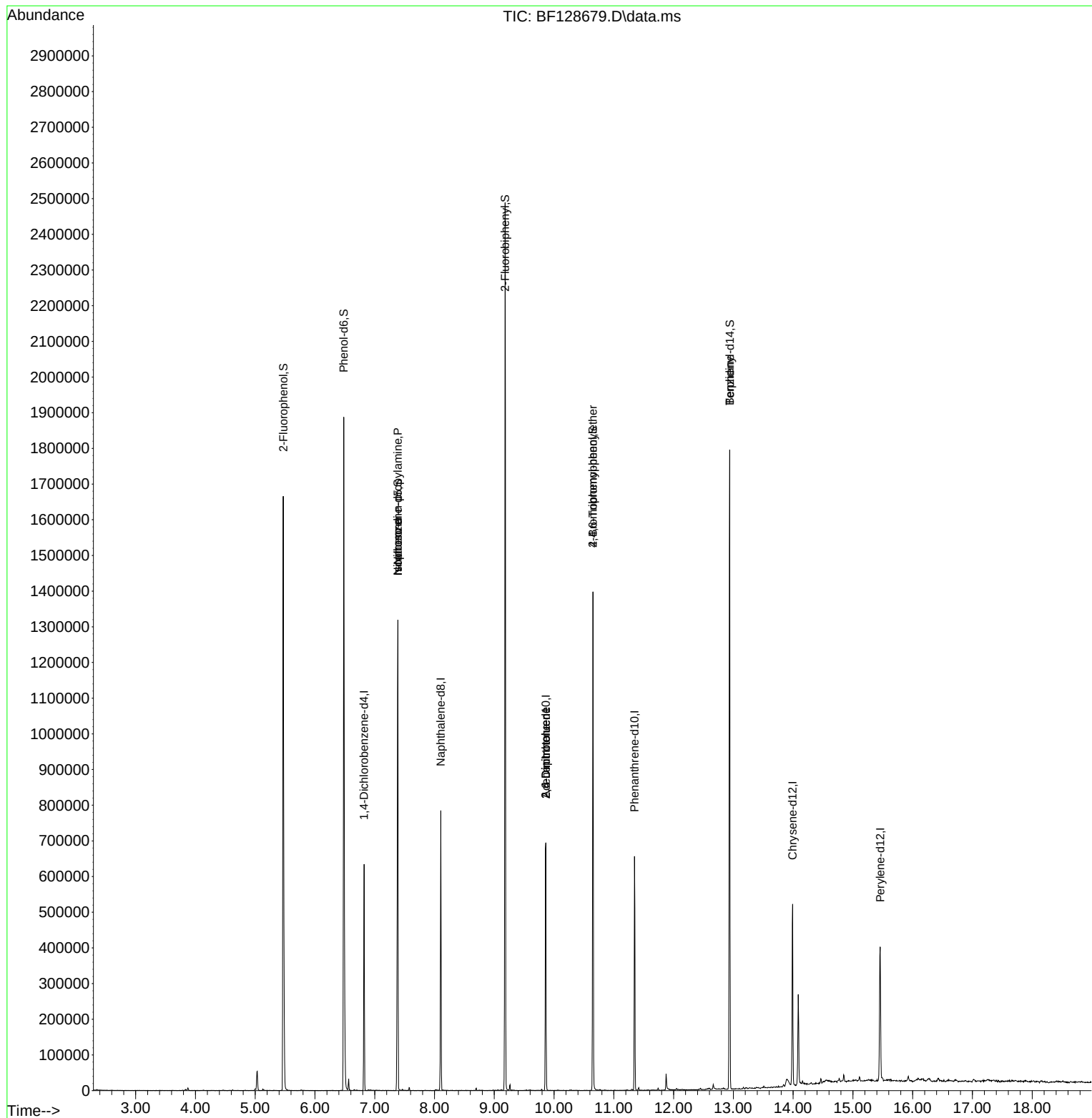
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	75282	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	271013	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	142602	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	224837	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	169878	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	171011	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	413023	87.388	ng	0.00
7) Phenol-d6	6.481	99	514956	89.259	ng	-0.02
23) Nitrobenzene-d5	7.387	82	379389	65.177	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	135964	80.695	ng	-0.01
45) 2-Fluorobiphenyl	9.181	172	690760	67.854	ng	-0.01
79) Terphenyl-d14	12.939	244	575586	58.875	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.387	70	55425	15.451	ng	# 80
25) Isophorone	7.387	82	379239	42.897	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	18967	9.845	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	18967	7.377	ng	# 21
67) 4-Bromophenyl-phenylether	10.651	248	9708	3.872	ng	# 1
77) Benzydine	12.939	184	9459	2.793	ng	# 89

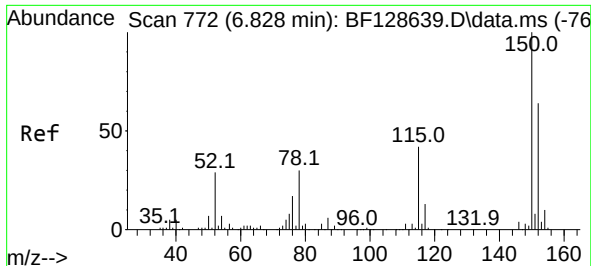
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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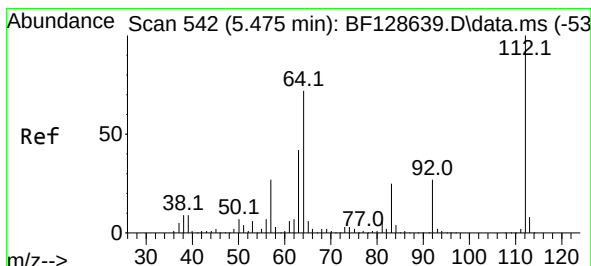
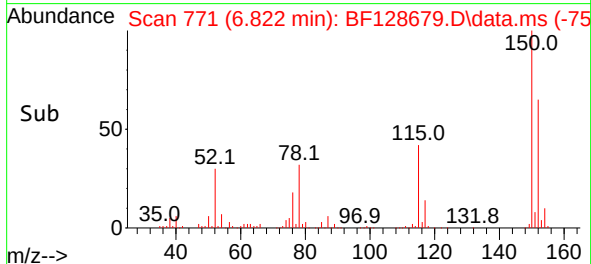
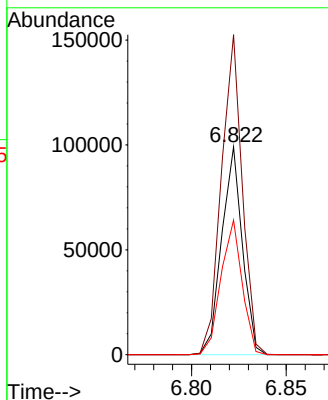
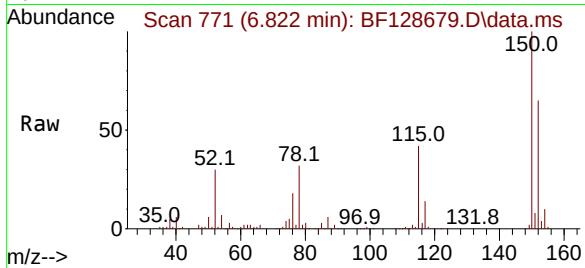




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128679.D
Acq: 03 Jun 2022 14:47

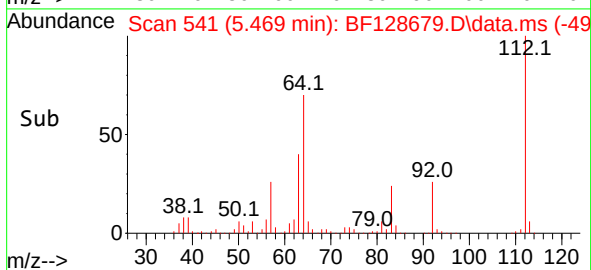
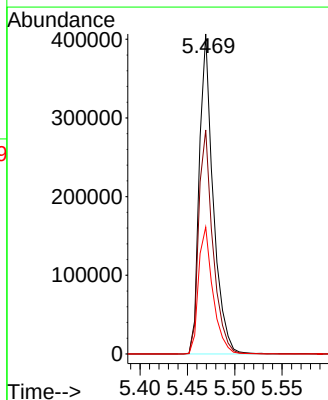
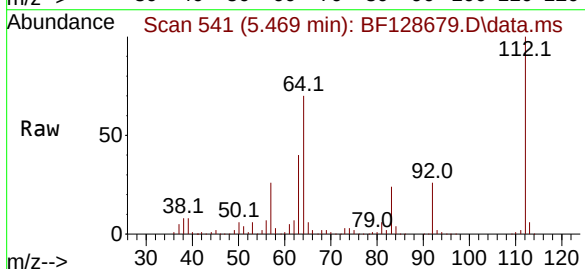
Instrument :
BNA_F
ClientSampleId :
P034-SS001-1218-01

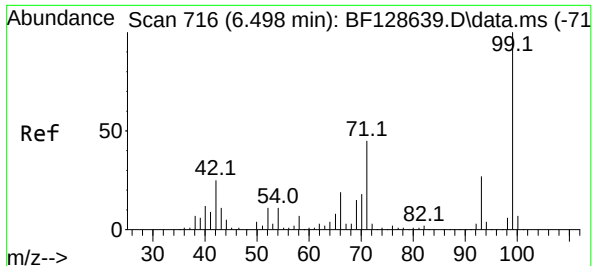
Tgt Ion:152 Resp: 75282
Ion Ratio Lower Upper
152 100
150 153.9 123.7 185.5
115 64.7 49.9 74.9



#5
2-Fluorophenol
Concen: 87.388 ng
RT: 5.469 min Scan# 541
Delta R.T. -0.006 min
Lab File: BF128679.D
Acq: 03 Jun 2022 14:47

Tgt Ion:112 Resp: 413023
Ion Ratio Lower Upper
112 100
64 70.0 53.3 79.9
63 39.7 28.0 42.0

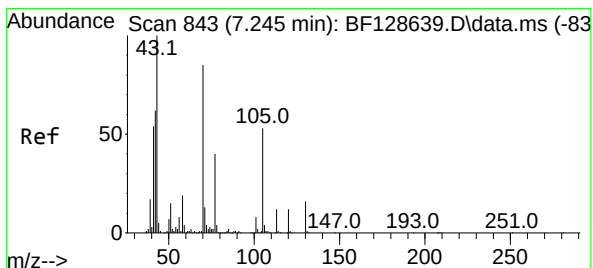
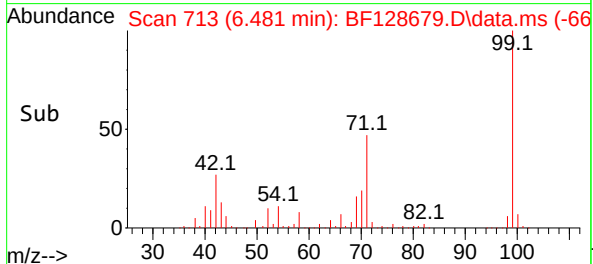
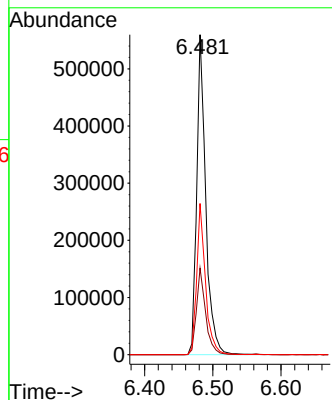
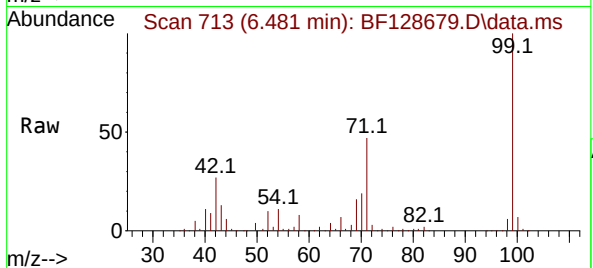




#7
Phenol-d6
Concen: 89.259 ng
RT: 6.481 min Scan# 716
Delta R.T. -0.017 min
Lab File: BF128679.D
Acq: 03 Jun 2022 14:47

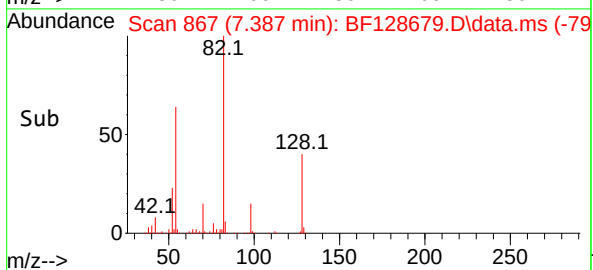
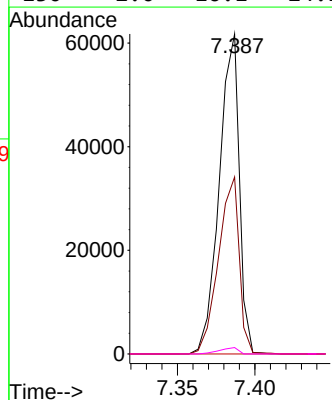
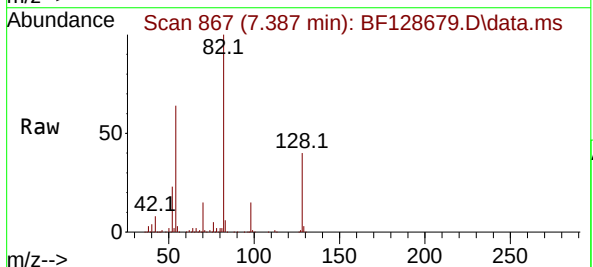
Instrument :
BNA_F
ClientSampleId :
P034-SS001-1218-01

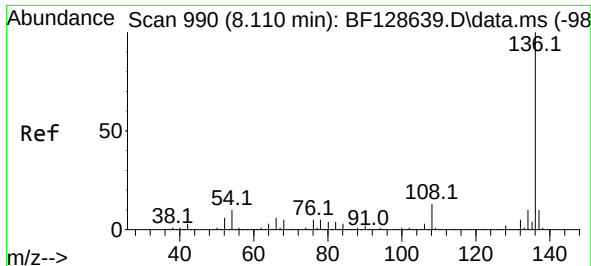
Tgt Ion: 99 Resp: 514956
Ion Ratio Lower Upper
99 100
42 27.0 17.3 25.9#
71 47.3 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 15.451 ng
RT: 7.387 min Scan# 867
Delta R.T. 0.142 min
Lab File: BF128679.D
Acq: 03 Jun 2022 14:47

Tgt Ion: 70 Resp: 55425
Ion Ratio Lower Upper
70 100
42 55.3 52.3 78.5
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#



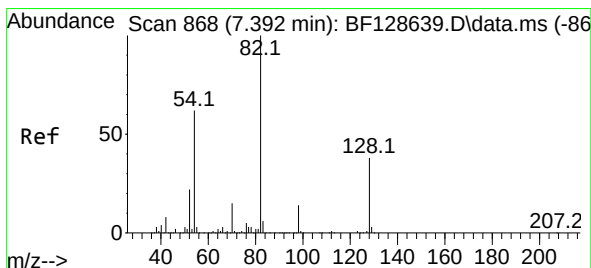
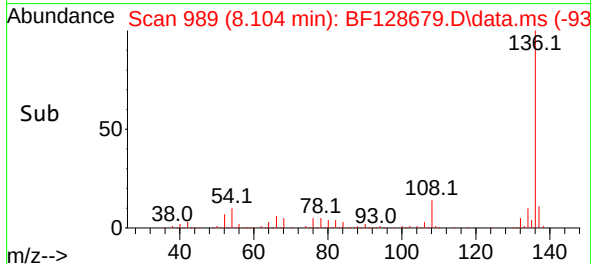
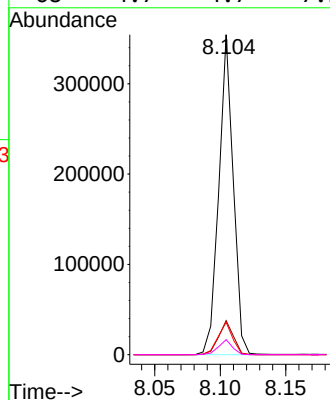
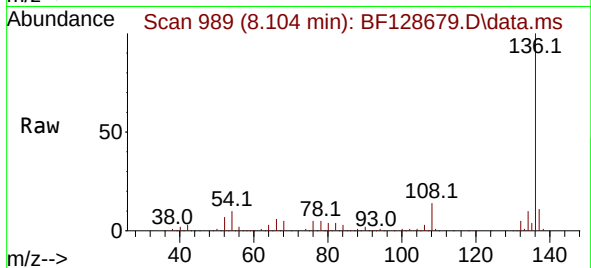


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128679.D
Acq: 03 Jun 2022 14:47

Instrument :
BNA_F
ClientSampleId :
P034-SS001-1218-01

Tgt Ion:136 Resp: 271013

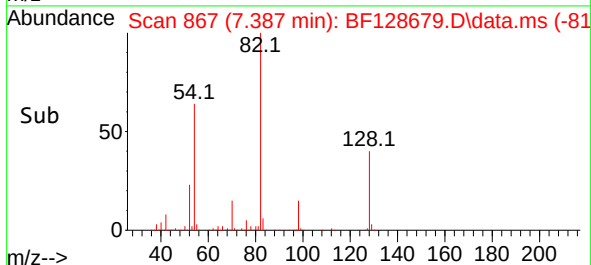
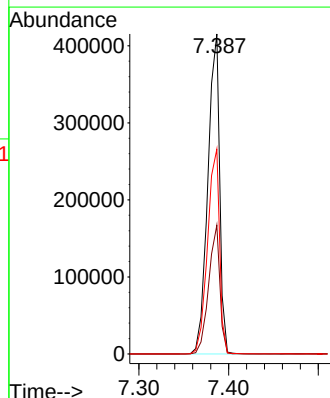
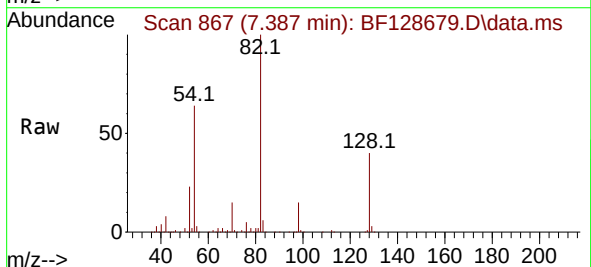
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.8	13.2
54	10.2	7.5	11.3
68	4.7	4.7	7.1

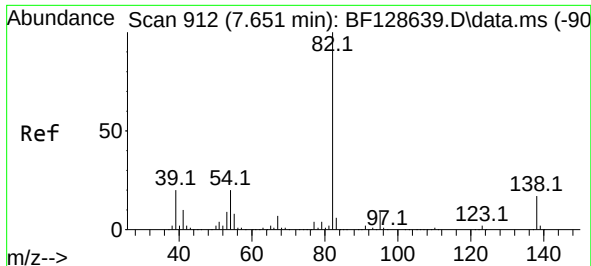


#23
Nitrobenzene-d5
Concen: 65.177 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.005 min
Lab File: BF128679.D
Acq: 03 Jun 2022 14:47

Tgt Ion: 82 Resp: 379389

Ion	Ratio	Lower	Upper
82	100		
128	40.3	34.0	51.0
54	64.0	46.9	70.3

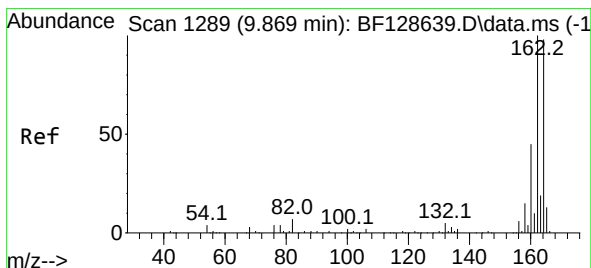
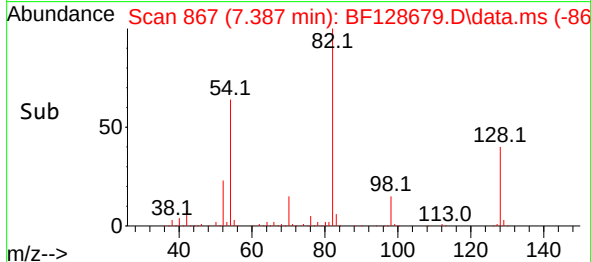
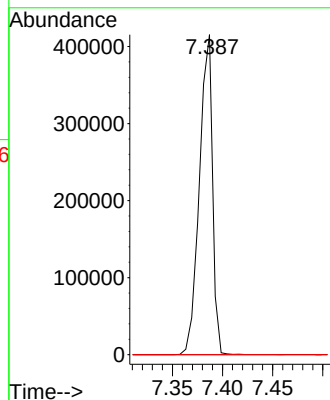
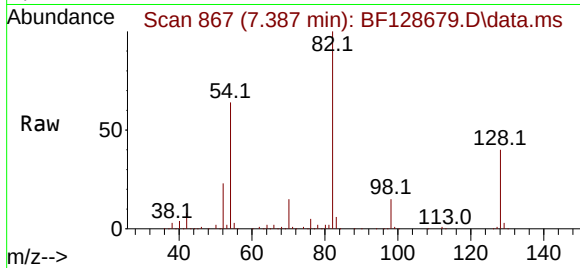




#25
Isophorone
Concen: 42.897 ng
RT: 7.387 min Scan# 80
Delta R.T. -0.264 min
Lab File: BF128679.D
Acq: 03 Jun 2022 14:47

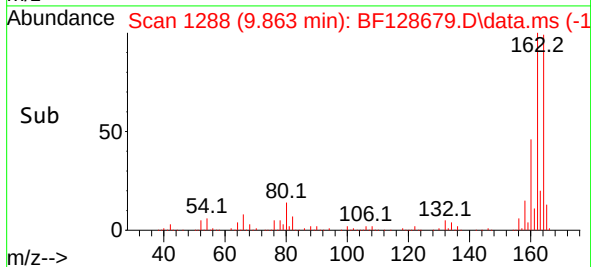
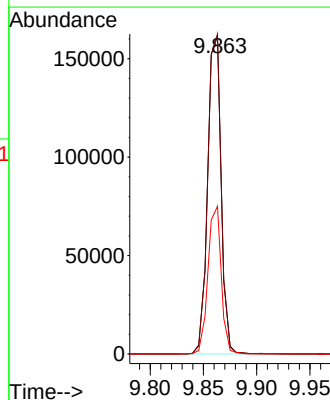
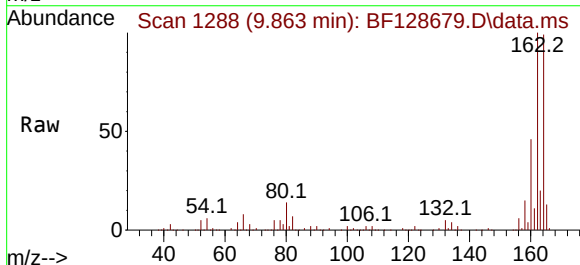
Instrument :
BNA_F
ClientSampleId :
P034-SS001-1218-01

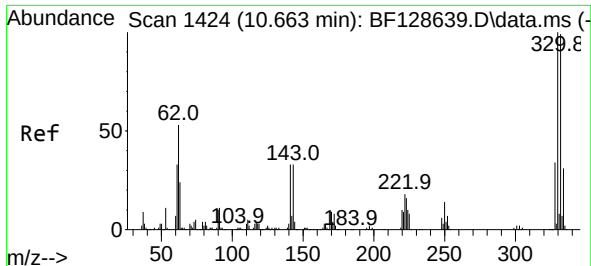
Tgt Ion: 82 Resp: 379239
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128679.D
Acq: 03 Jun 2022 14:47

Tgt Ion:164 Resp: 142602
Ion Ratio Lower Upper
164 100
162 100.8 79.5 119.3
160 46.5 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 80.695 ng

RT: 10.651 min Scan# 1422

Delta R.T. -0.012 min

Lab File: BF128679.D

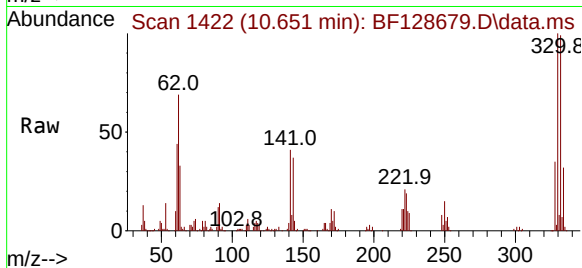
Acq: 03 Jun 2022 14:47

Instrument :

BNA_F

ClientSampleId :

P034-SS001-1218-01



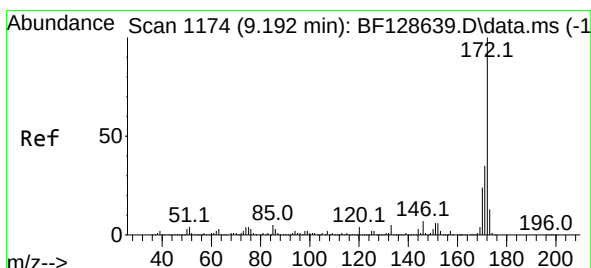
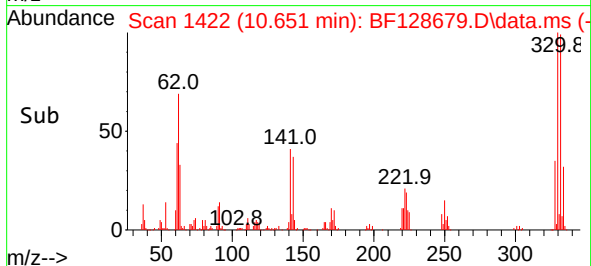
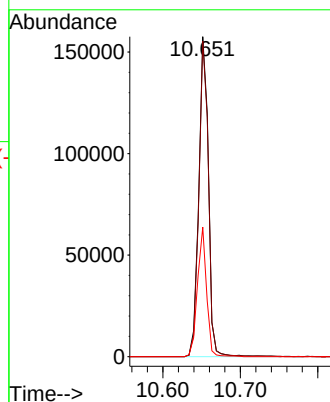
Tgt Ion:330 Resp: 135964

Ion Ratio Lower Upper

330 100

332 97.4 76.8 115.2

141 38.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 67.854 ng

RT: 9.181 min Scan# 1172

Delta R.T. -0.011 min

Lab File: BF128679.D

Acq: 03 Jun 2022 14:47

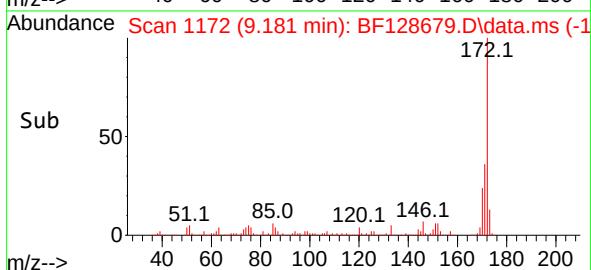
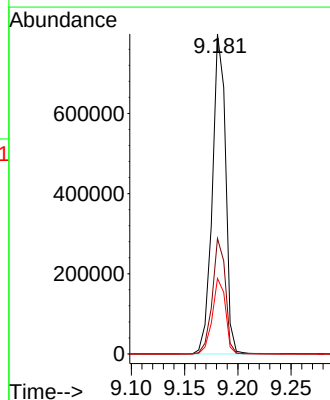
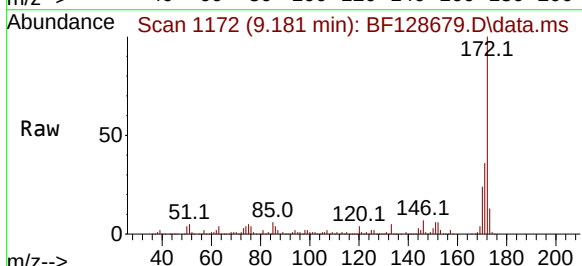
Tgt Ion:172 Resp: 690760

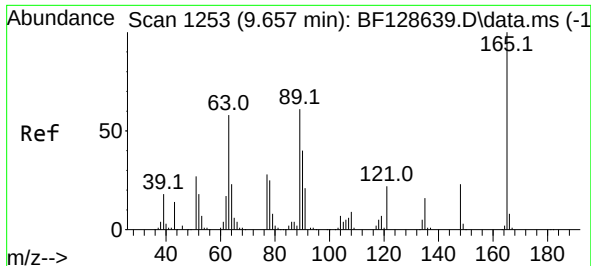
Ion Ratio Lower Upper

172 100

171 36.1 28.8 43.2

170 23.6 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.845 ng

RT: 9.863 min Scan# 1288

Delta R.T. 0.206 min

Lab File: BF128679.D

Acq: 03 Jun 2022 14:47

Instrument :

BNA_F

ClientSampleId :

P034-SS001-1218-01

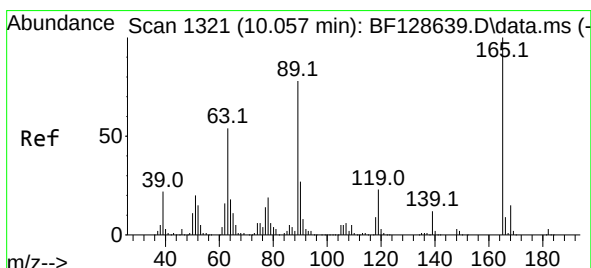
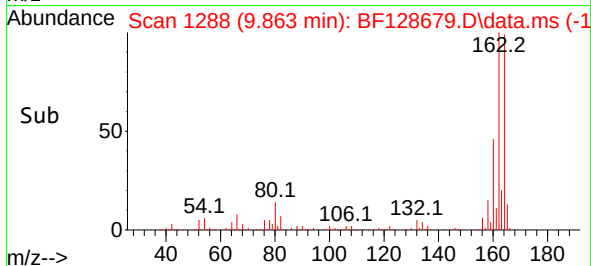
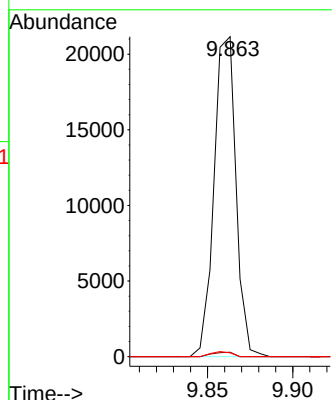
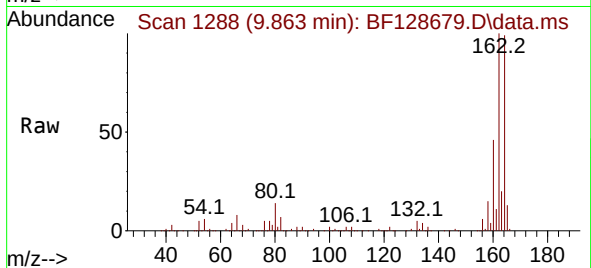
Tgt Ion:165 Resp: 18967

Ion Ratio Lower Upper

165 100

63 1.4 44.9 67.3#

89 1.2 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.377 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.194 min

Lab File: BF128679.D

Acq: 03 Jun 2022 14:47

Tgt Ion:165 Resp: 18967

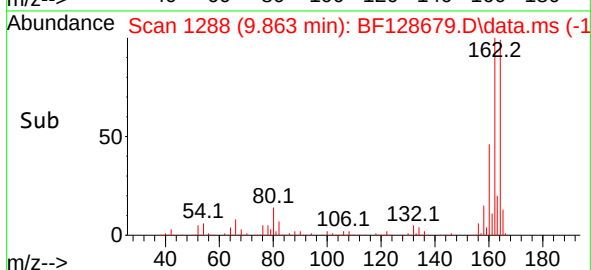
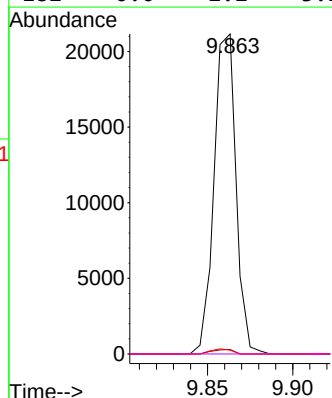
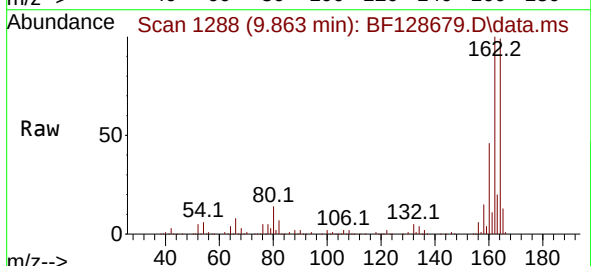
Ion Ratio Lower Upper

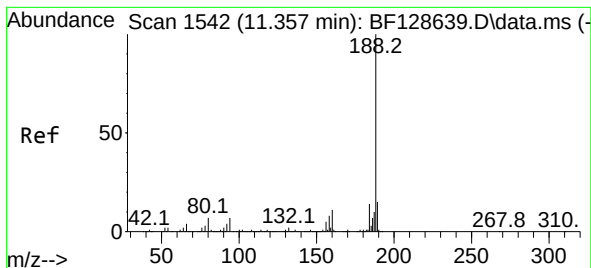
165 100

63 1.4 39.8 59.6#

89 1.2 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF128679.D

Acq: 03 Jun 2022 14:47

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ClientSampleId :

P034-SS001-1218-01

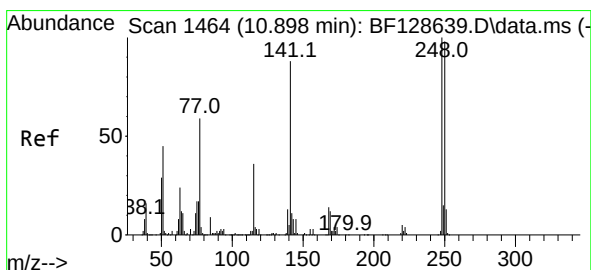
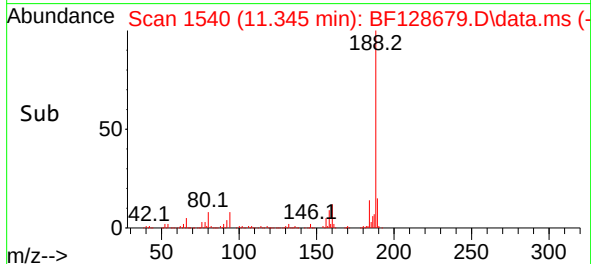
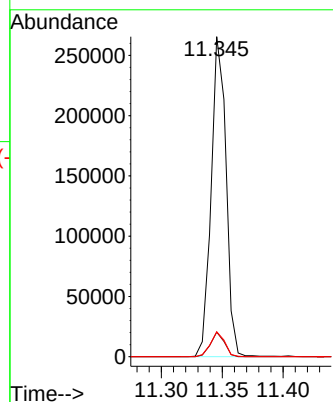
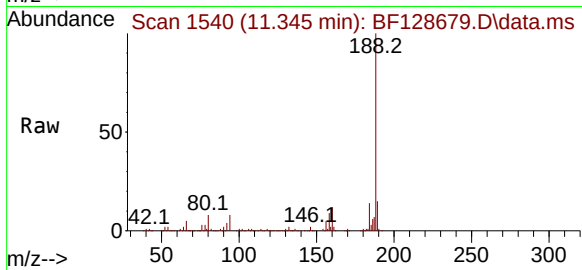
Tgt Ion:188 Resp: 224837

Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.6

80 7.8 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 3.872 ng

RT: 10.651 min Scan# 1422

Delta R.T. -0.247 min

Lab File: BF128679.D

Acq: 03 Jun 2022 14:47

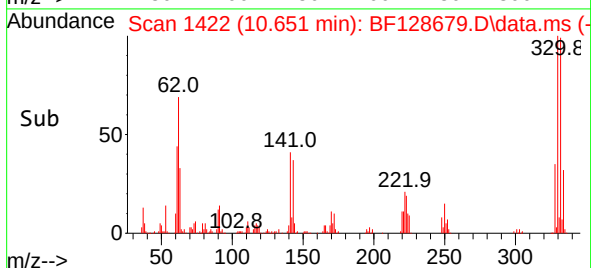
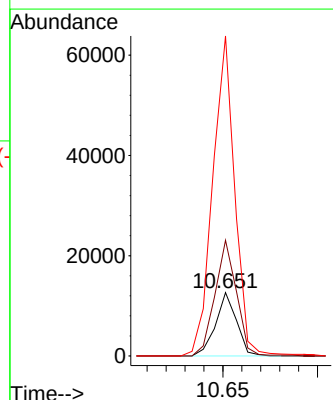
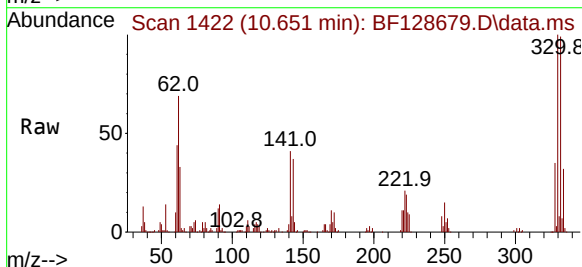
Tgt Ion:248 Resp: 9708

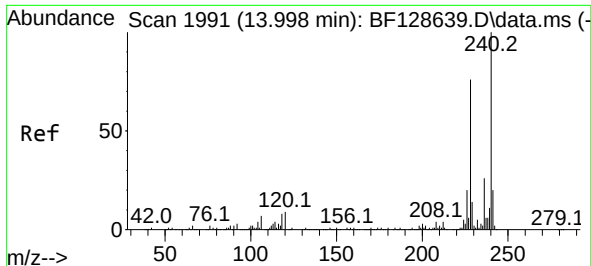
Ion Ratio Lower Upper

248 100

250 182.7 80.6 120.8#

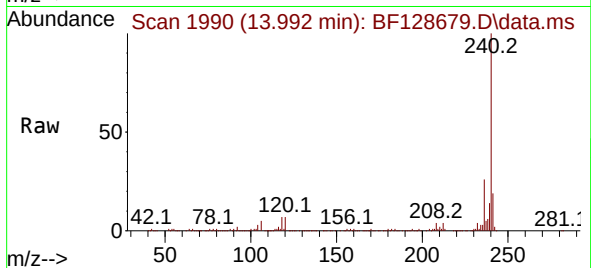
141 505.5 58.9 88.3#



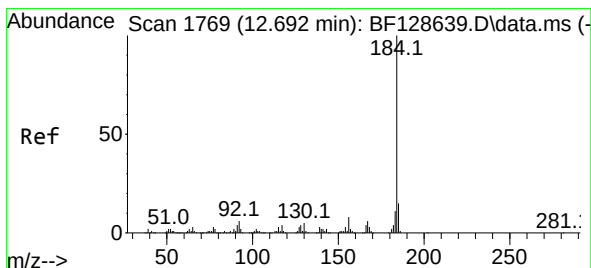
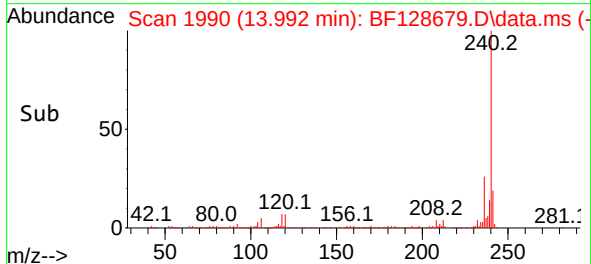
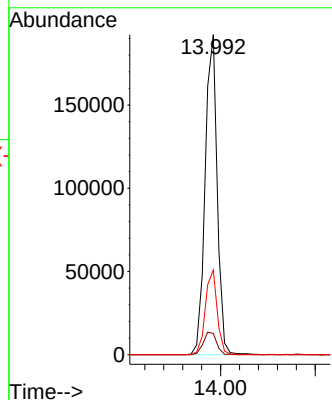


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF128679.D
Acq: 03 Jun 2022 14:47

Instrument :
BNA_F
ClientSampleId :
P034-SS001-1218-01

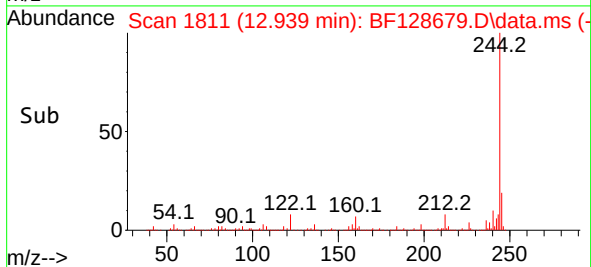
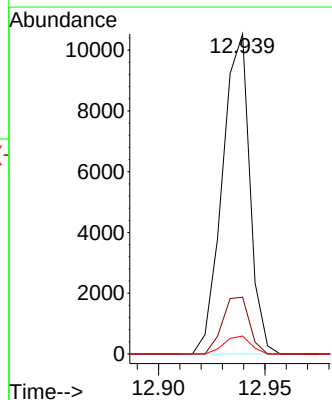
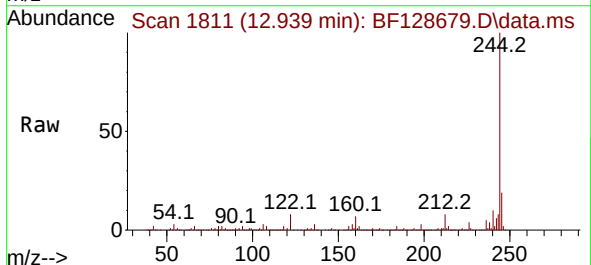


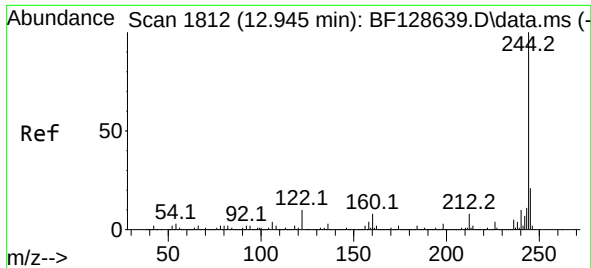
Tgt Ion:240 Resp: 169878
Ion Ratio Lower Upper
240 100
120 6.7 8.9 13.3#
236 26.4 20.8 31.2



#77
Benzidine
Concen: 2.793 ng
RT: 12.939 min Scan# 1811
Delta R.T. 0.247 min
Lab File: BF128679.D
Acq: 03 Jun 2022 14:47

Tgt Ion:184 Resp: 9459
Ion Ratio Lower Upper
184 100
185 17.8 11.9 17.9
183 5.6 9.3 13.9#

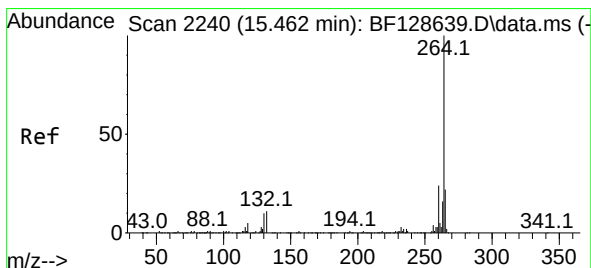
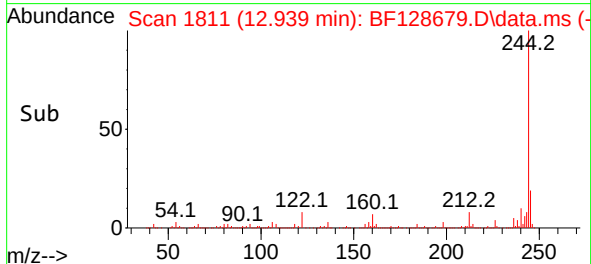
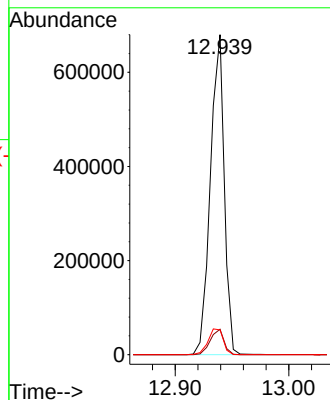
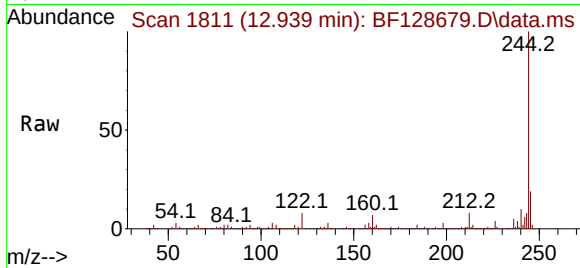




#79
 Terphenyl-d14
 Concen: 58.875 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF128679.D
 Acq: 03 Jun 2022 14:47

Instrument :
 BNA_F
 ClientSampleId :
 P034-SS001-1218-01

Tgt Ion:244 Resp: 575586
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.1 9.1
 122 7.7 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2239
 Delta R.T. -0.005 min
 Lab File: BF128679.D
 Acq: 03 Jun 2022 14:47

Tgt Ion:264 Resp: 171011
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.4 27.6
 265 21.8 17.2 25.8

