

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
 Data File : BF128685.D
 Acq On : 03 Jun 2022 18:09
 Operator : CG\JU
 Sample : N3025-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EAST-SW

Quant Time: Jun 03 23:42:38 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)

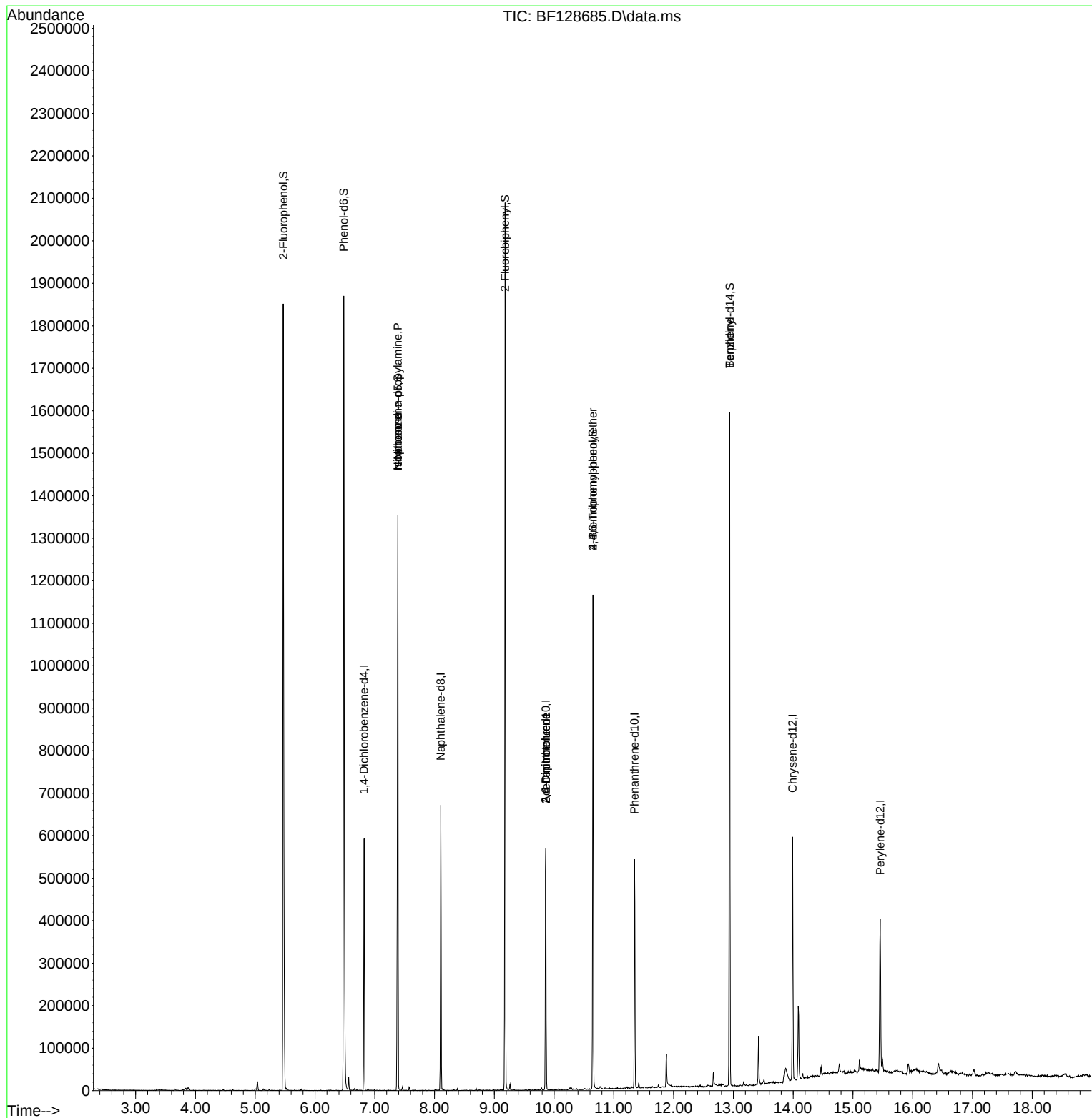
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	69466	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	236842	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	114094	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	181462	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	176355	20.000	ng	# 0.00
86) Perylene-d12	15.456	264	156684	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	435783	99.924	ng	0.00
7) Phenol-d6	6.481	99	518334	97.366	ng	-0.02
23) Nitrobenzene-d5	7.386	82	370842	72.900	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	112298	83.302	ng	-0.01
45) 2-Fluorobiphenyl	9.180	172	555136	68.157	ng	-0.01
79) Terphenyl-d14	12.939	244	495701	48.842	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.386	70	53162	16.061	ng	# 79
25) Isophorone	7.386	82	370838	47.999	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	13976	9.067	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	13976	6.794	ng	# 22
67) 4-Bromophenyl-phenylether	10.651	248	7634	3.772	ng	# 1
77) Benzidine	12.939	184	7368	2.096	ng	# 88

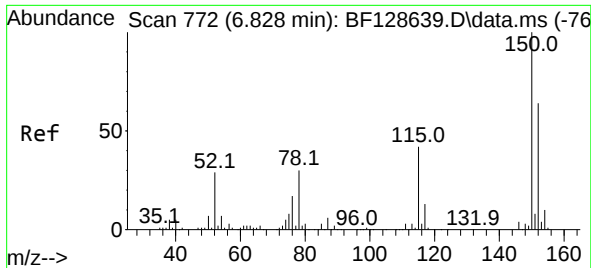
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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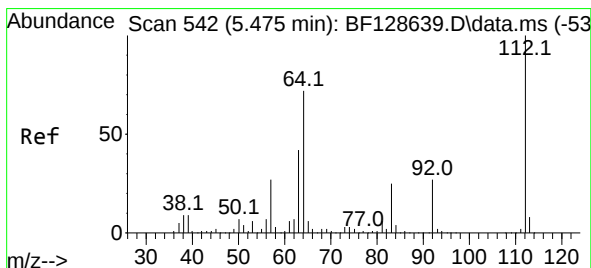
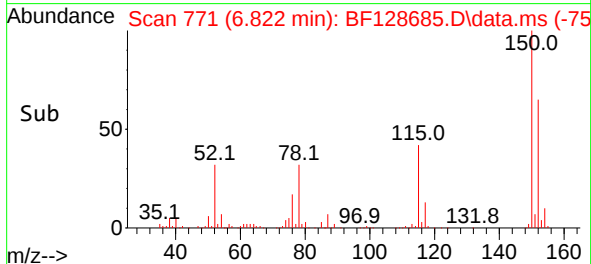
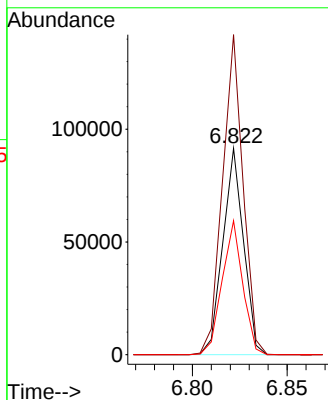
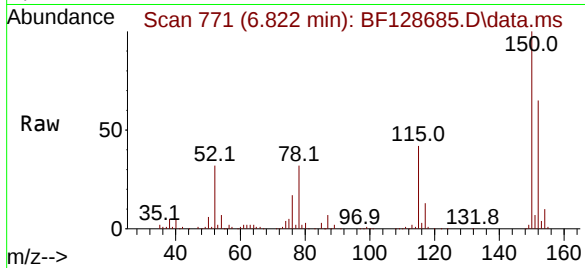




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128685.D
Acq: 03 Jun 2022 18:09

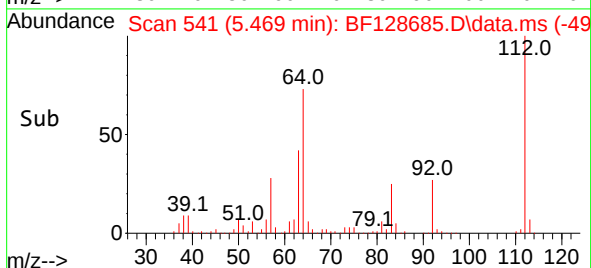
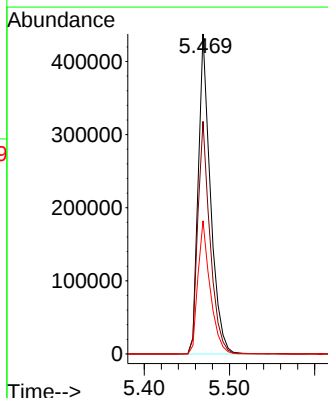
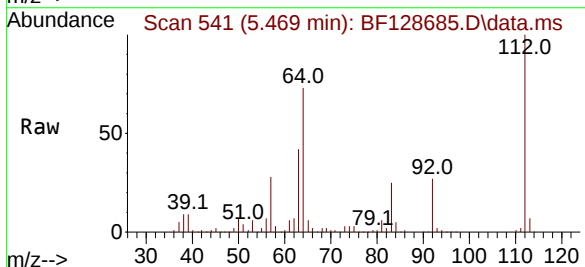
Instrument :
BNA_F
ClientSampleId :
EAST-SW

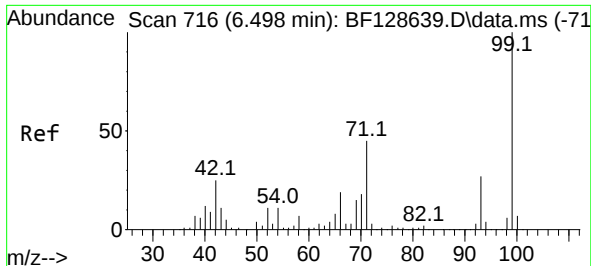
Tgt Ion:152 Resp: 69466
Ion Ratio Lower Upper
152 100
150 155.0 123.7 185.5
115 64.9 49.9 74.9



#5
2-Fluorophenol
Concen: 99.924 ng
RT: 5.469 min Scan# 541
Delta R.T. -0.006 min
Lab File: BF128685.D
Acq: 03 Jun 2022 18:09

Tgt Ion:112 Resp: 435783
Ion Ratio Lower Upper
112 100
64 72.7 53.3 79.9
63 41.6 28.0 42.0

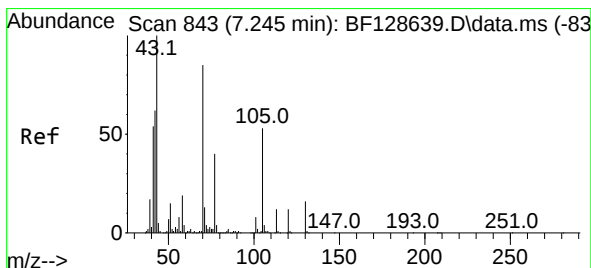
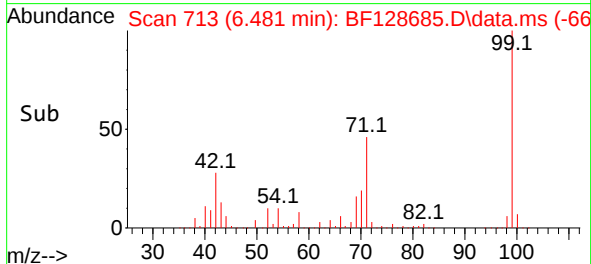
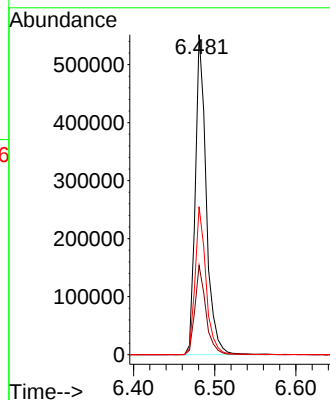
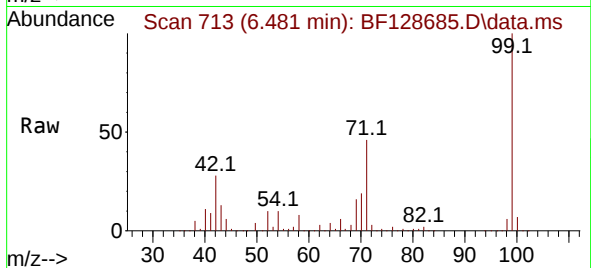




#7
Phenol-d6
Concen: 97.366 ng
RT: 6.481 min Scan# 716
Delta R.T. -0.017 min
Lab File: BF128685.D
Acq: 03 Jun 2022 18:09

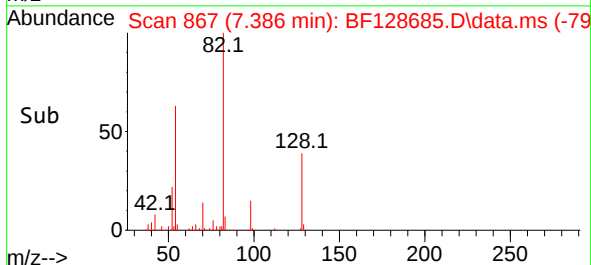
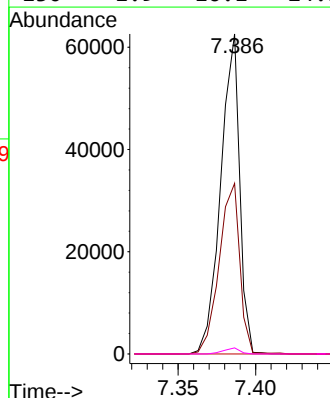
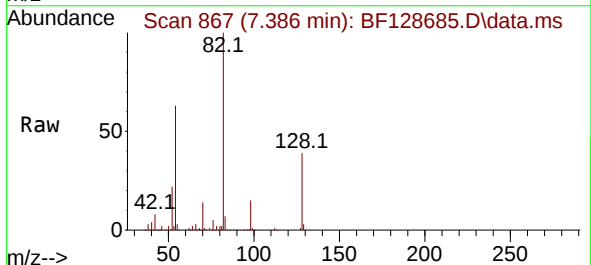
Instrument :
BNA_F
ClientSampleId :
EAST-SW

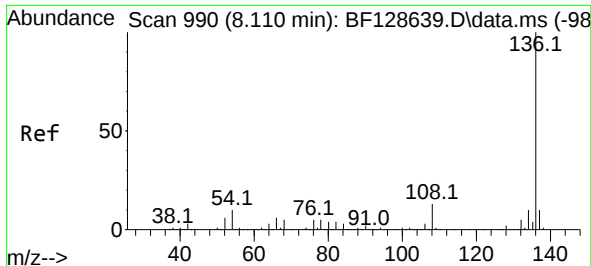
Tgt Ion: 99 Resp: 518334
Ion Ratio Lower Upper
99 100
42 27.9 17.3 25.9#
71 46.3 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 16.061 ng
RT: 7.386 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128685.D
Acq: 03 Jun 2022 18:09

Tgt Ion: 70 Resp: 53162
Ion Ratio Lower Upper
70 100
42 53.3 52.3 78.5
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#

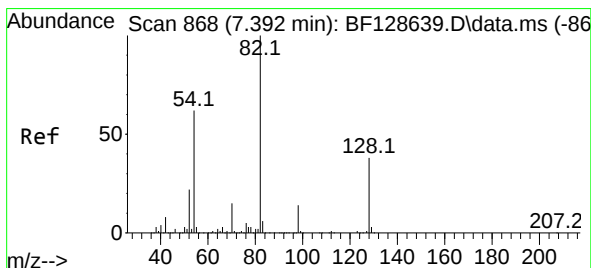
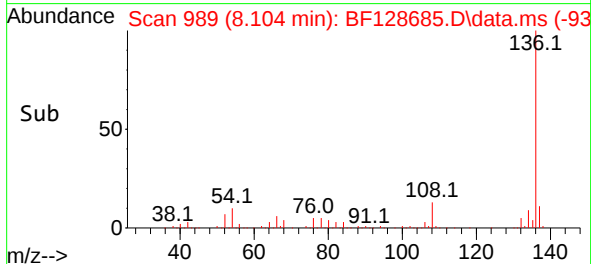
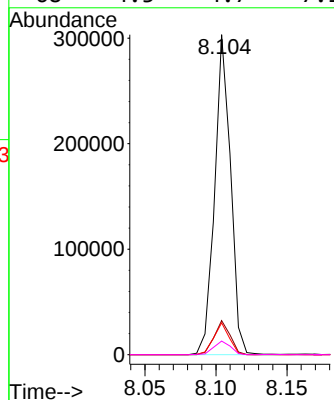
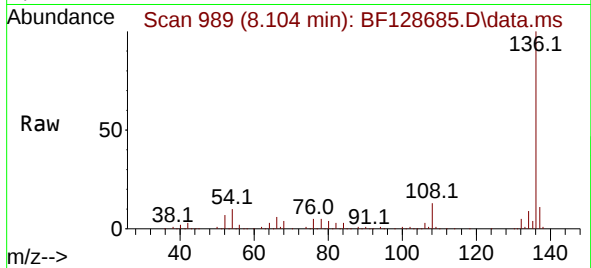




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128685.D
Acq: 03 Jun 2022 18:09

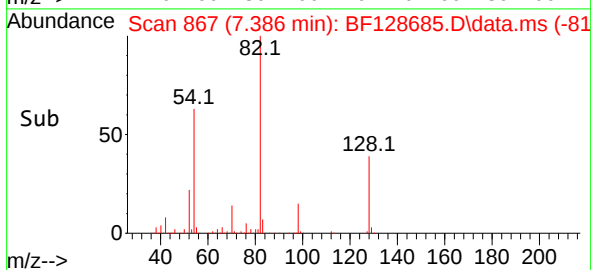
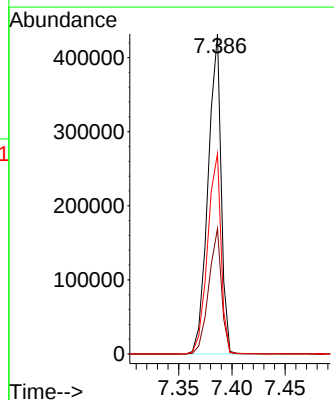
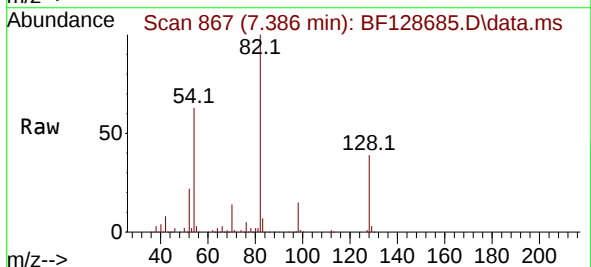
Instrument :
BNA_F
ClientSampleId :
EAST-SW

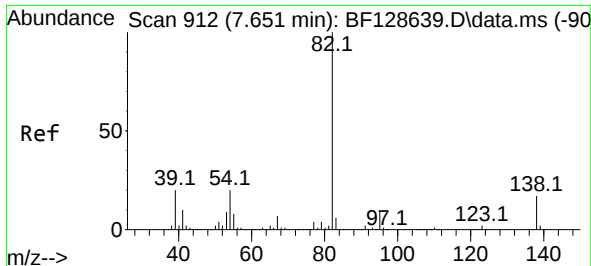
Tgt Ion:136 Resp: 236842
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 10.0 7.5 11.3
68 4.3 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 72.900 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF128685.D
Acq: 03 Jun 2022 18:09

Tgt Ion: 82 Resp: 370842
Ion Ratio Lower Upper
82 100
128 39.2 34.0 51.0
54 62.6 46.9 70.3

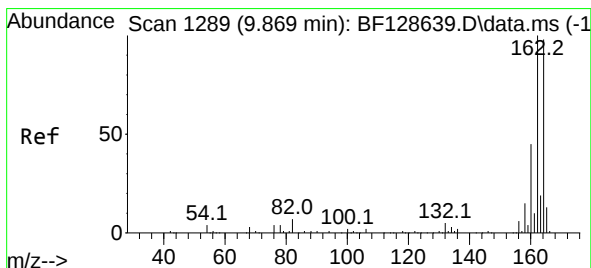
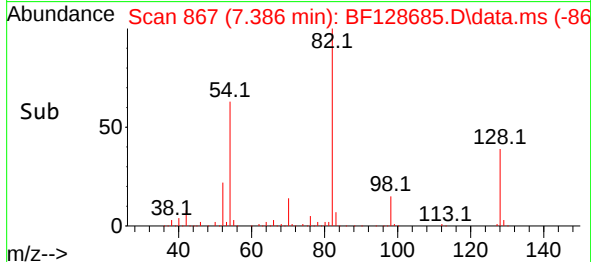
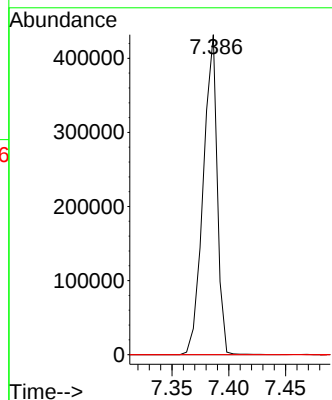
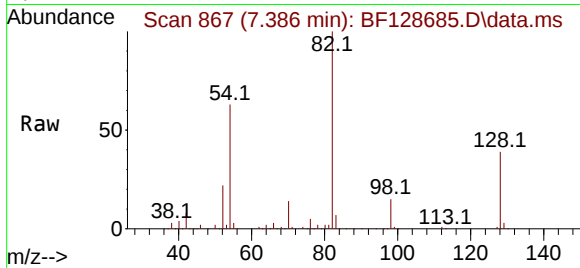




#25
Isophorone
Concen: 47.999 ng
RT: 7.386 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128685.D
Acq: 03 Jun 2022 18:09

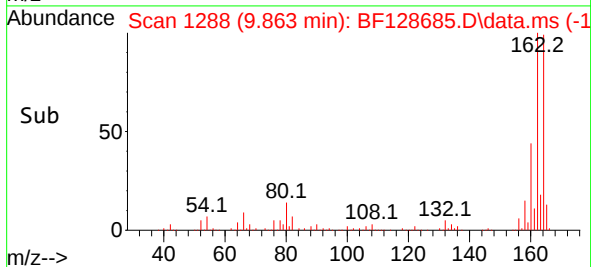
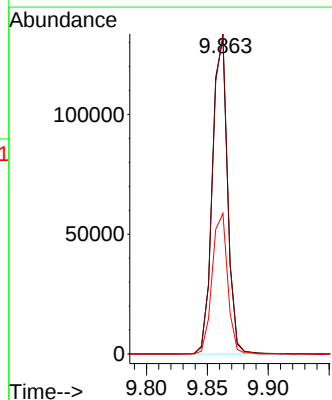
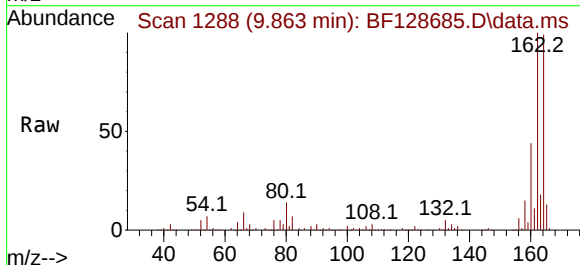
Instrument :
BNA_F
ClientSampleId :
EAST-SW

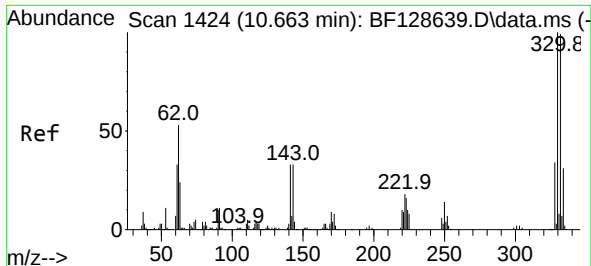
Tgt Ion: 82 Resp: 370838
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128685.D
Acq: 03 Jun 2022 18:09

Tgt Ion:164 Resp: 114094
Ion Ratio Lower Upper
164 100
162 101.4 79.5 119.3
160 44.5 34.2 51.4

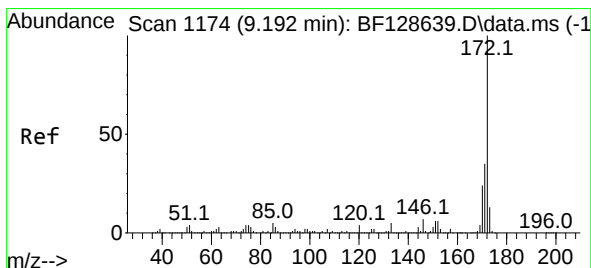
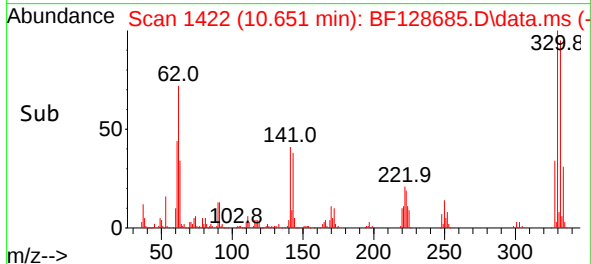
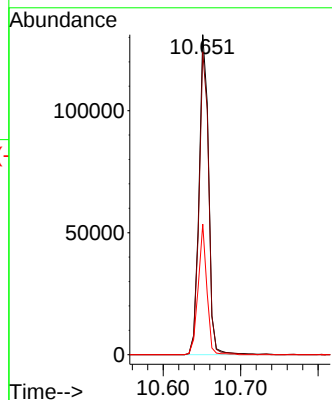
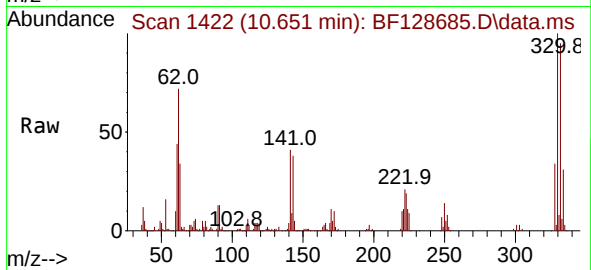




#42
2,4,6-Tribromophenol
Concen: 83.302 ng
RT: 10.651 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF128685.D
Acq: 03 Jun 2022 18:09

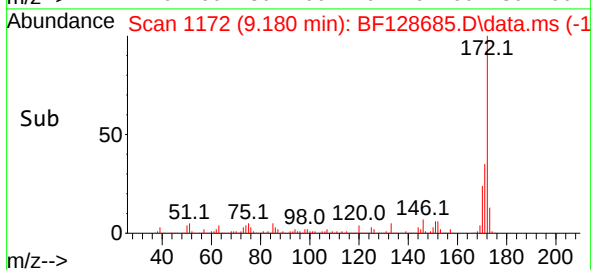
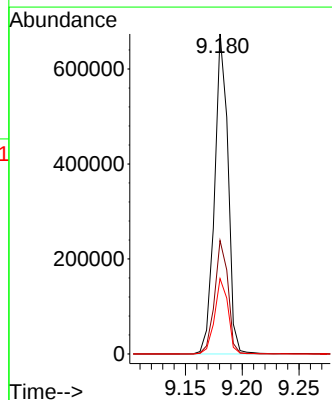
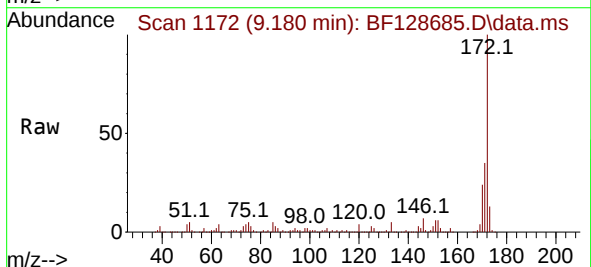
Instrument :
BNA_F
ClientSampleId :
EAST-SW

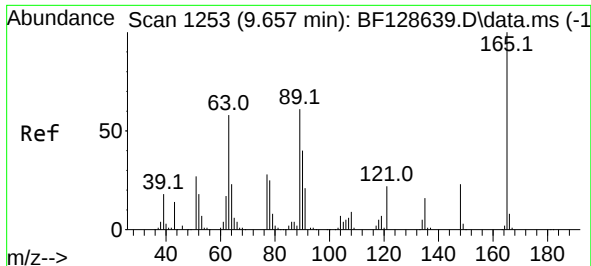
Tgt Ion:330 Resp: 112298
Ion Ratio Lower Upper
330 100
332 95.2 76.8 115.2
141 36.8 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 68.157 ng
RT: 9.180 min Scan# 1172
Delta R.T. -0.012 min
Lab File: BF128685.D
Acq: 03 Jun 2022 18:09

Tgt Ion:172 Resp: 555136
Ion Ratio Lower Upper
172 100
171 35.4 28.8 43.2
170 23.6 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.067 ng

RT: 9.863 min Scan# 1288

Delta R.T. 0.206 min

Lab File: BF128685.D

Acq: 03 Jun 2022 18:09

Instrument :

BNA_F

ClientSampleId :

EAST-SW

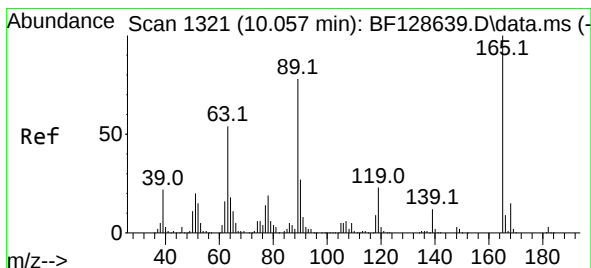
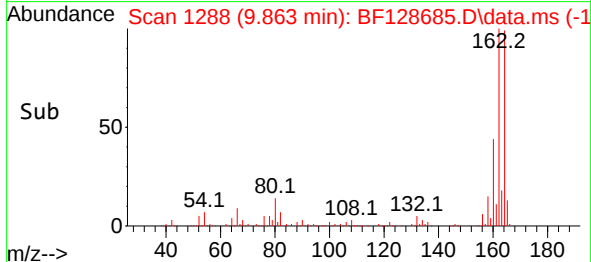
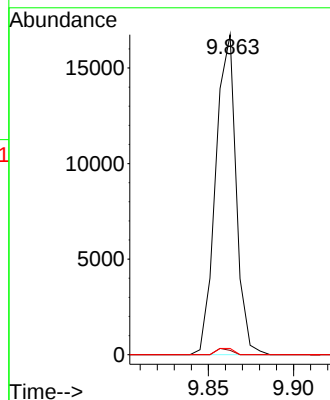
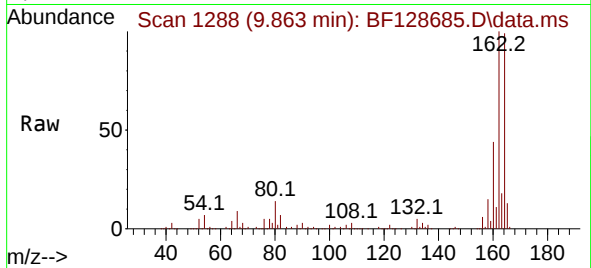
Tgt Ion:165 Resp: 13976

Ion Ratio Lower Upper

165 100

63 1.4 44.9 67.3#

89 1.9 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.794 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.194 min

Lab File: BF128685.D

Acq: 03 Jun 2022 18:09

Tgt Ion:165 Resp: 13976

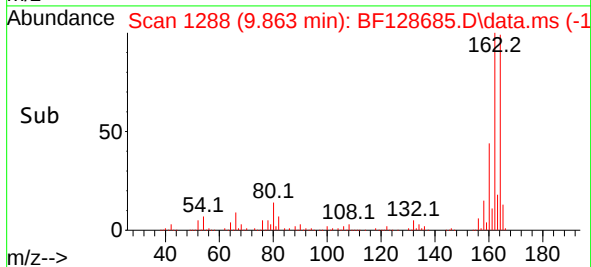
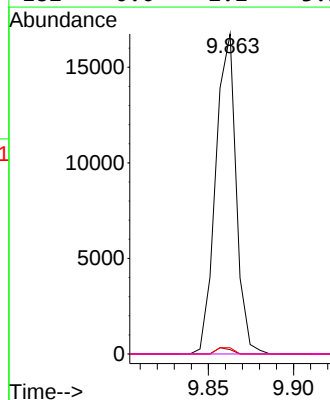
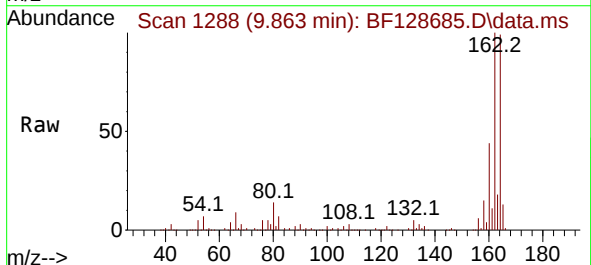
Ion Ratio Lower Upper

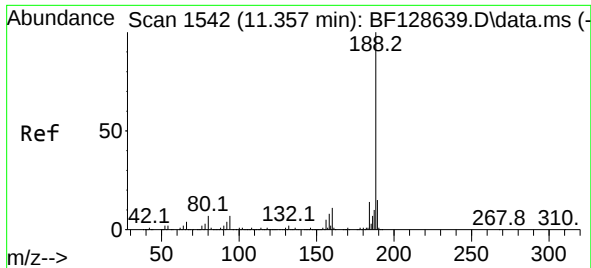
165 100

63 1.4 39.8 59.6#

89 1.9 60.2 90.2#

182 0.0 2.2 3.2#

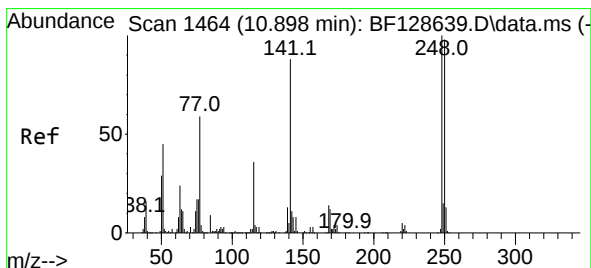
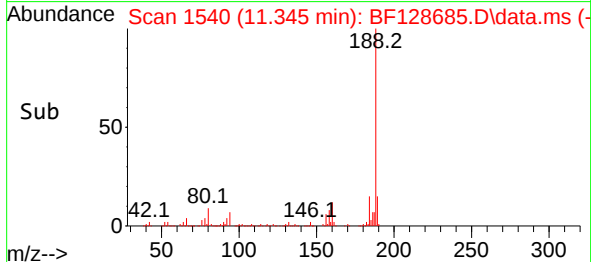
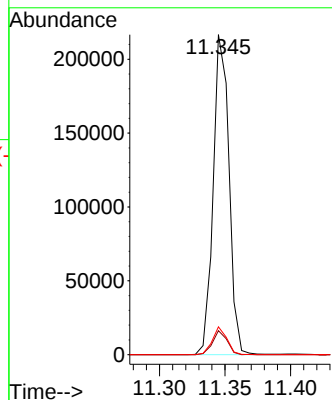
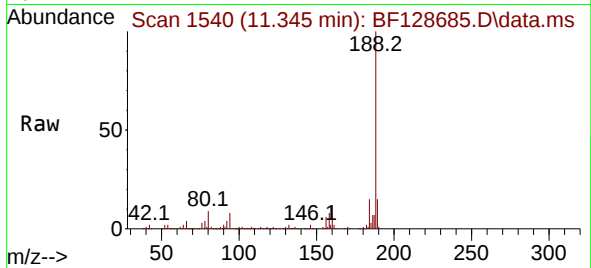




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128685.D
Acq: 03 Jun 2022 18:09

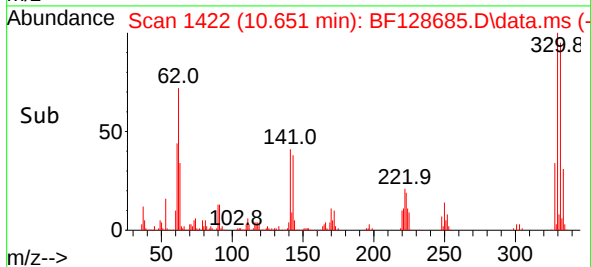
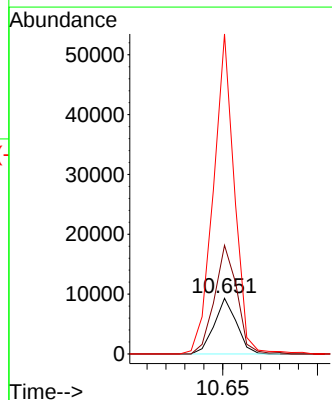
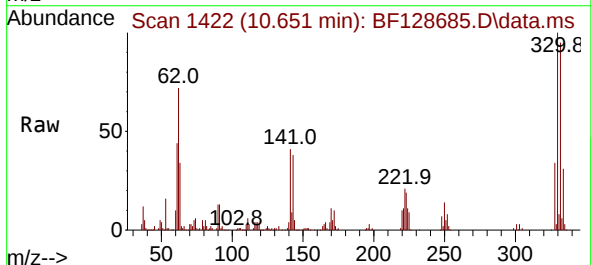
Instrument :
BNA_F
ClientSampleId :
EAST-SW

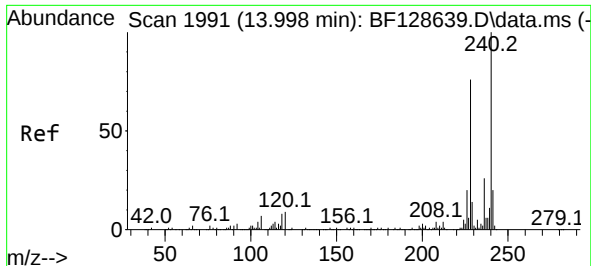
Tgt Ion:188 Resp: 181462
Ion Ratio Lower Upper
188 100
94 7.5 7.0 10.6
80 8.7 7.6 11.4



#67
4-Bromophenyl-phenylether
Concen: 3.772 ng
RT: 10.651 min Scan# 1422
Delta R.T. -0.247 min
Lab File: BF128685.D
Acq: 03 Jun 2022 18:09

Tgt Ion:248 Resp: 7634
Ion Ratio Lower Upper
248 100
250 195.1 80.6 120.8#
141 574.2 58.9 88.3#

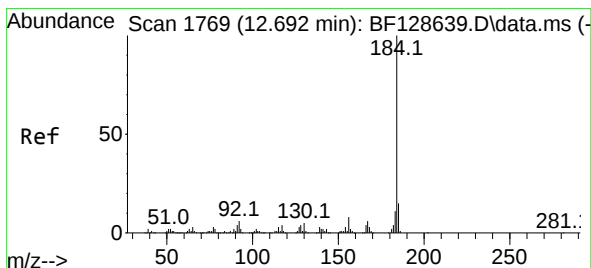
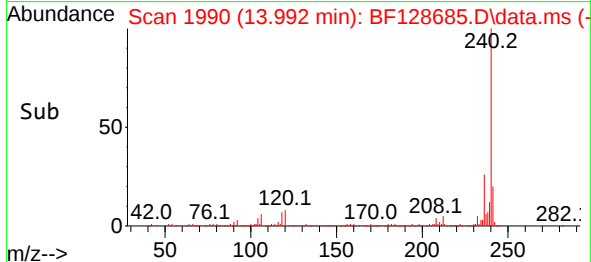
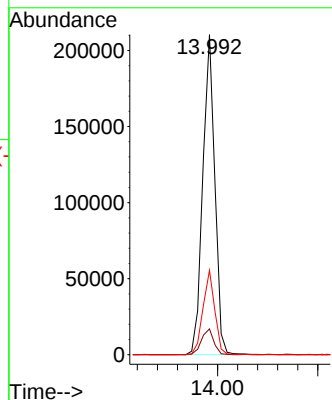
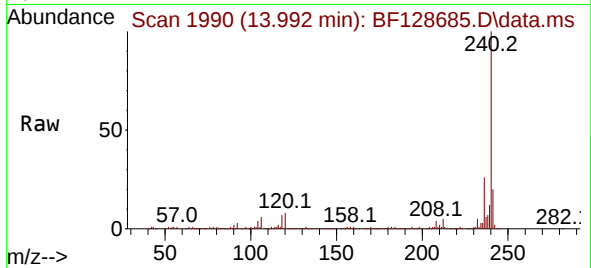




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF128685.D
Acq: 03 Jun 2022 18:09

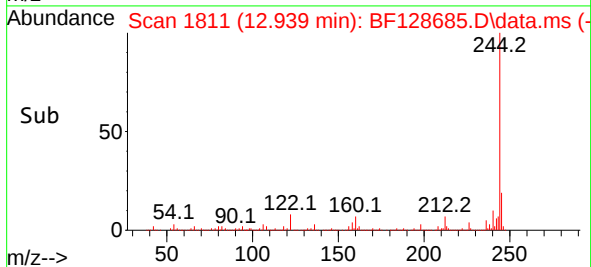
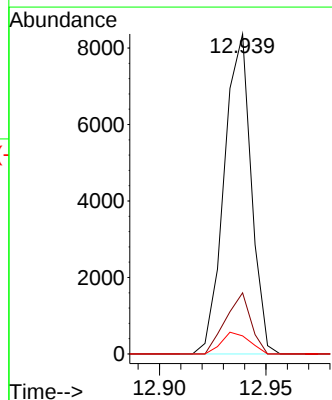
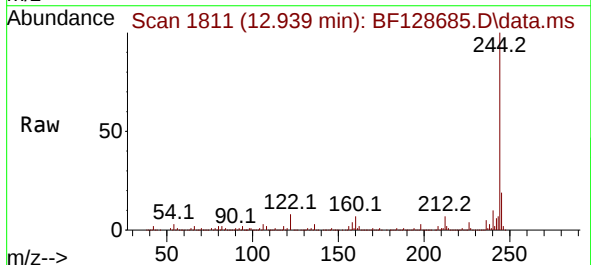
Instrument :
BNA_F
ClientSampleId :
EAST-SW

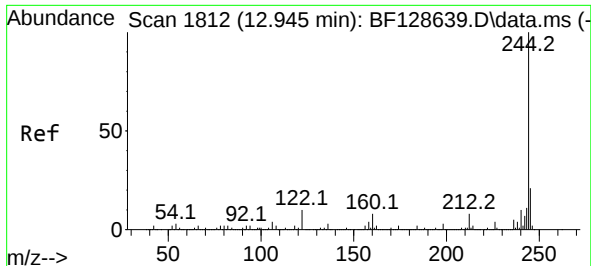
Tgt Ion:240 Resp: 176355
Ion Ratio Lower Upper
240 100
120 8.0 8.9 13.3#
236 26.3 20.8 31.2



#77
Benzidine
Concen: 2.096 ng
RT: 12.939 min Scan# 1811
Delta R.T. 0.247 min
Lab File: BF128685.D
Acq: 03 Jun 2022 18:09

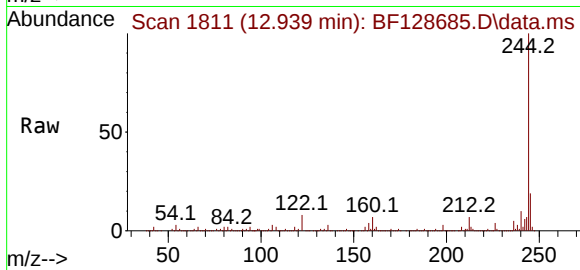
Tgt Ion:184 Resp: 7368
Ion Ratio Lower Upper
184 100
185 19.1 11.9 17.9#
183 5.7 9.3 13.9#



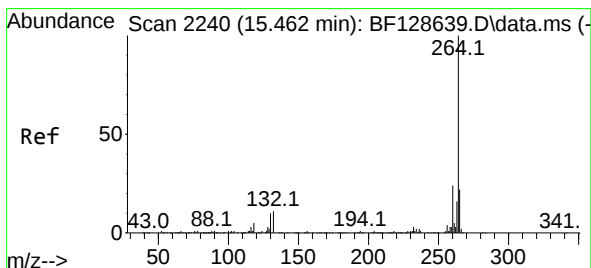
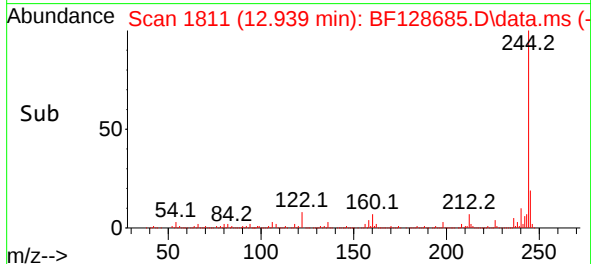
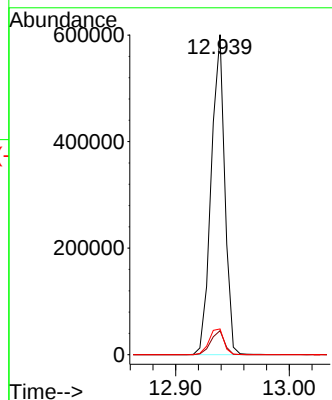


#79
 Terphenyl-d14
 Concen: 48.842 ng
 RT: 12.939 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF128685.D
 Acq: 03 Jun 2022 18:09

Instrument :
 BNA_F
 ClientSampleId :
 EAST-SW



Tgt Ion:244 Resp: 495701
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 8.1 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.456 min Scan# 2239
 Delta R.T. -0.006 min
 Lab File: BF128685.D
 Acq: 03 Jun 2022 18:09

Tgt Ion:264 Resp: 156684
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.4 27.6
 265 20.1 17.2 25.8

