

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060322\
 Data File : BF128671.D
 Acq On : 03 Jun 2022 10:44
 Operator : CG\JU
 Sample : PB145218BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145218BL

Quant Time: Jun 03 23:40:41 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)

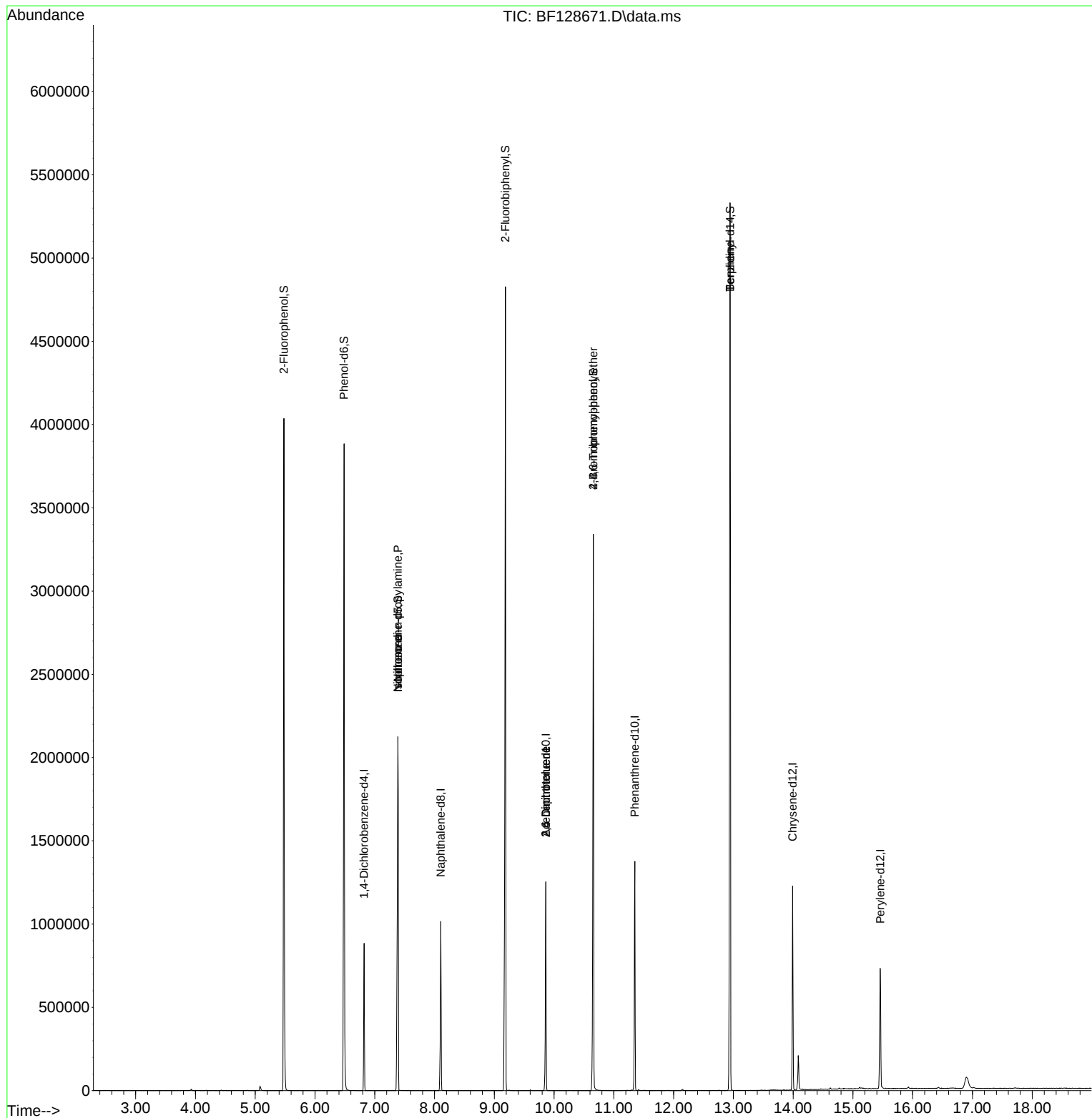
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	108445	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	424031	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	245576	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	473003	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	380480	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	318796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	879038	129.112	ng	0.00
7) Phenol-d6	6.487	99	1100879	132.465	ng	-0.01
23) Nitrobenzene-d5	7.386	82	820055	90.042	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	403737	139.143	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1577253	89.969	ng	0.00
79) Terphenyl-d14	12.945	244	1942826	88.728	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	121146	23.445	ng	# 80
25) Isophorone	7.386	82	817390	59.093	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	31694	9.553	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	31694	7.158	ng	# 22
67) 4-Bromophenyl-phenylether	10.657	248	26474	5.019	ng	# 1
77) Benzidine	12.945	184	30153	3.976	ng	# 96

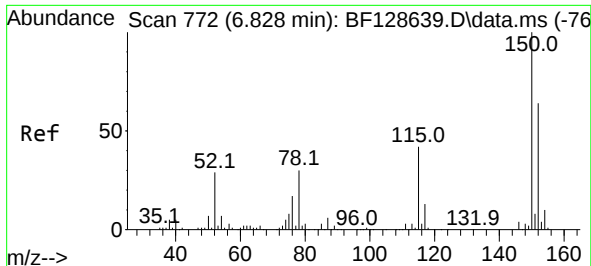
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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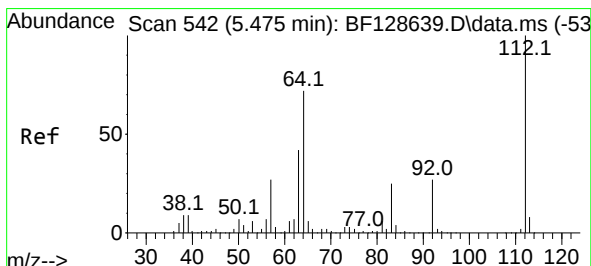
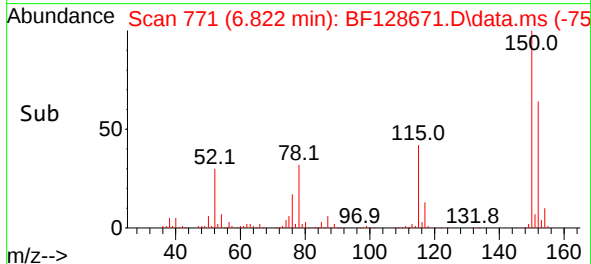
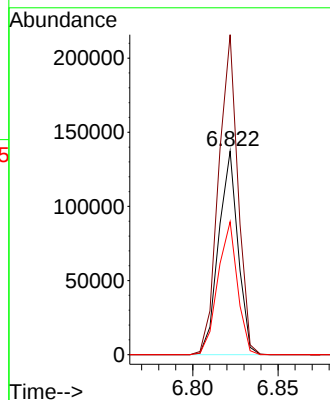
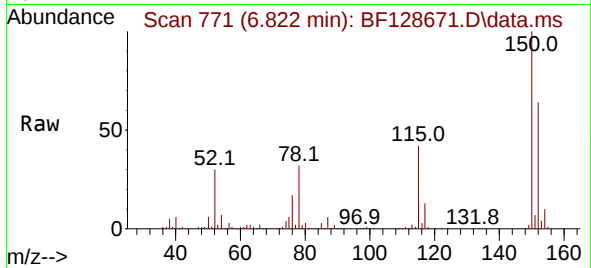




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128671.D
Acq: 03 Jun 2022 10:44

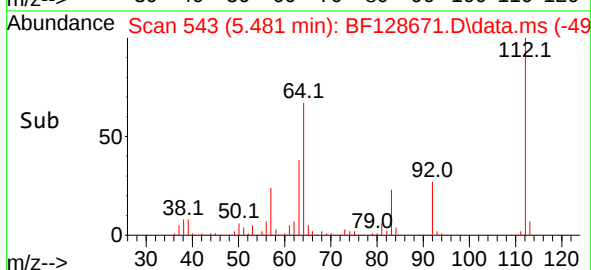
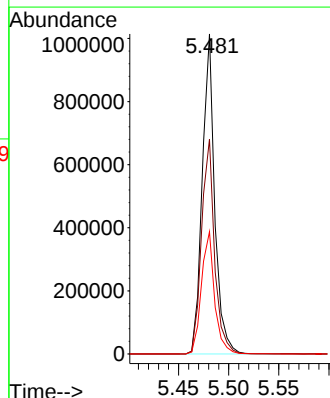
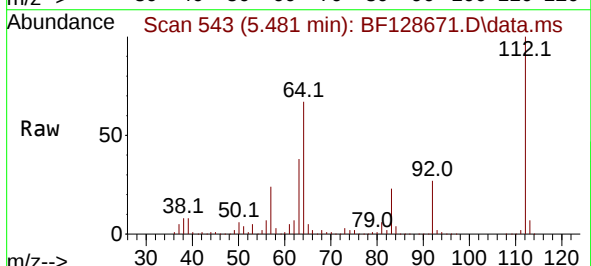
Instrument :
BNA_F
ClientSampleId :
PB145218BL

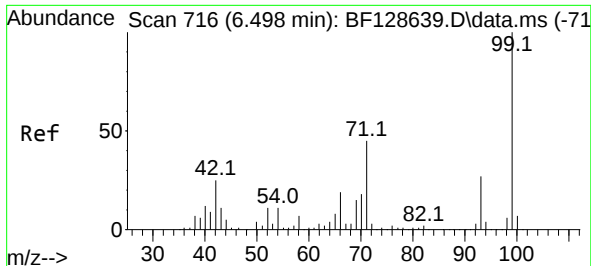
Tgt Ion:152 Resp: 108445
Ion Ratio Lower Upper
152 100
150 157.2 123.7 185.5
115 65.3 49.9 74.9



#5
2-Fluorophenol
Concen: 129.112 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.006 min
Lab File: BF128671.D
Acq: 03 Jun 2022 10:44

Tgt Ion:112 Resp: 879038
Ion Ratio Lower Upper
112 100
64 67.1 53.3 79.9
63 38.2 28.0 42.0

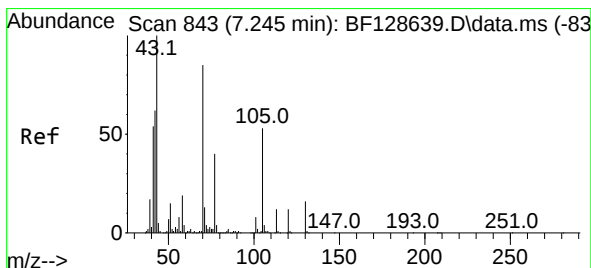
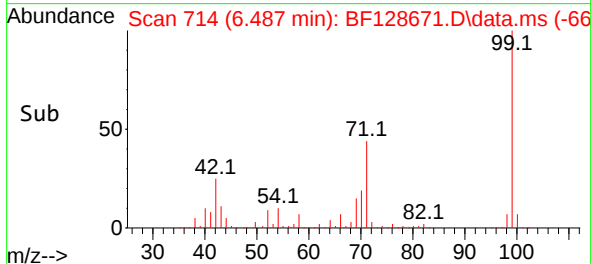
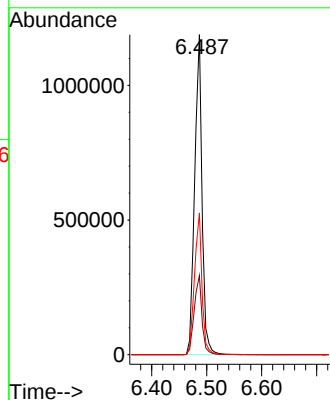
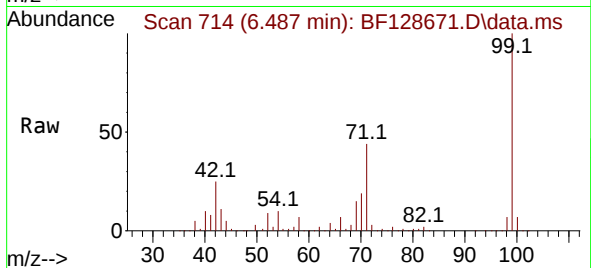




#7
Phenol-d6
Concen: 132.465 ng
RT: 6.487 min Scan# 71
Delta R.T. -0.011 min
Lab File: BF128671.D
Acq: 03 Jun 2022 10:44

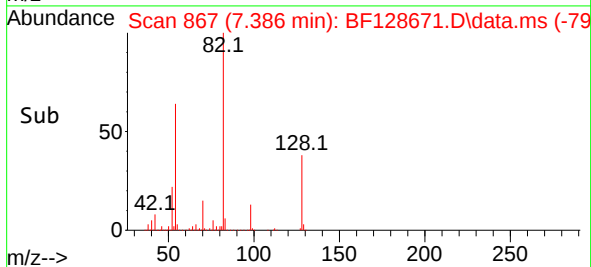
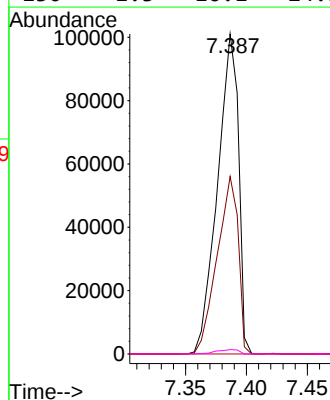
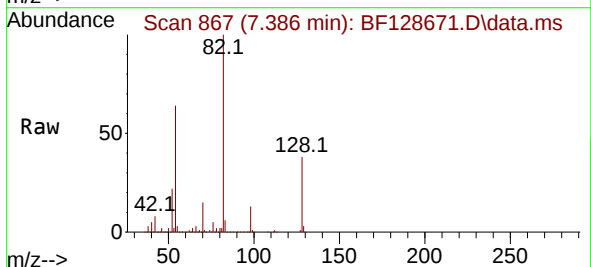
Instrument :
BNA_F
ClientSampleId :
PB145218BL

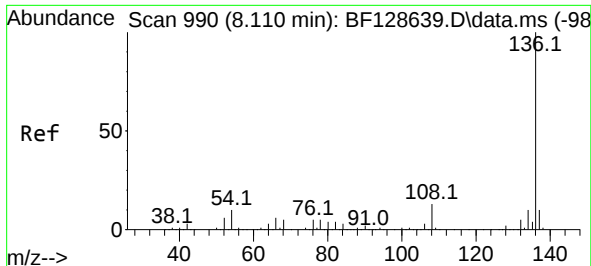
Tgt Ion: 99 Resp: 1100879
Ion Ratio Lower Upper
99 100
42 24.7 17.3 25.9
71 44.3 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 23.445 ng
RT: 7.386 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128671.D
Acq: 03 Jun 2022 10:44

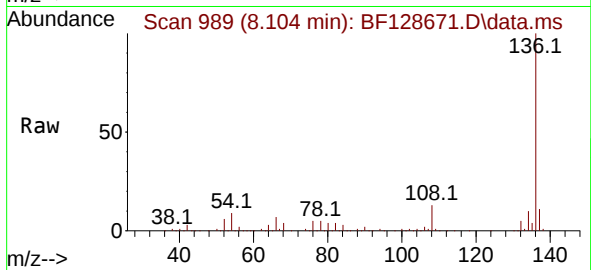
Tgt Ion: 70 Resp: 121146
Ion Ratio Lower Upper
70 100
42 55.4 52.3 78.5
101 0.0 7.5 11.3#
130 1.3 16.1 24.1#



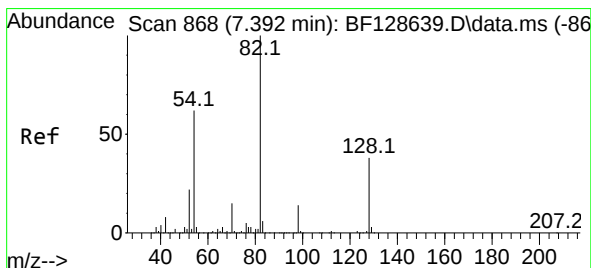
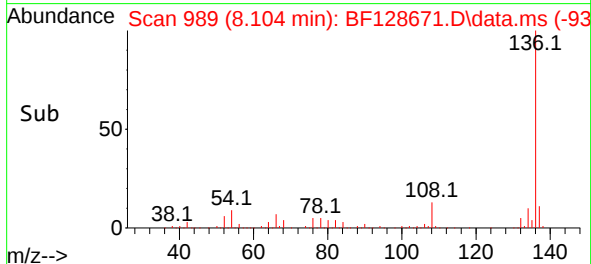
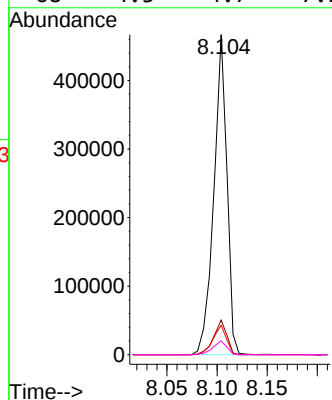


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128671.D
Acq: 03 Jun 2022 10:44

Instrument :
BNA_F
ClientSampleId :
PB145218BL

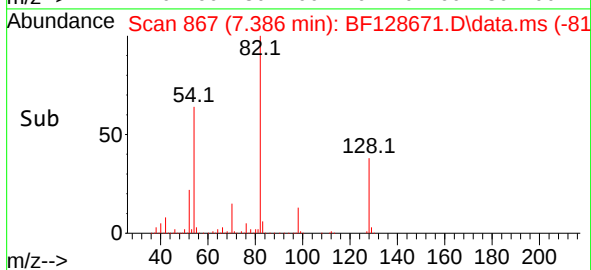
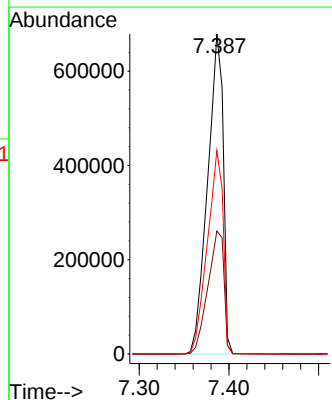
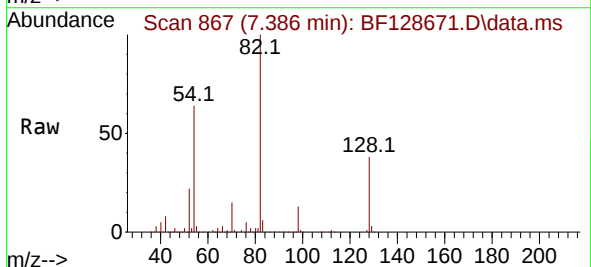


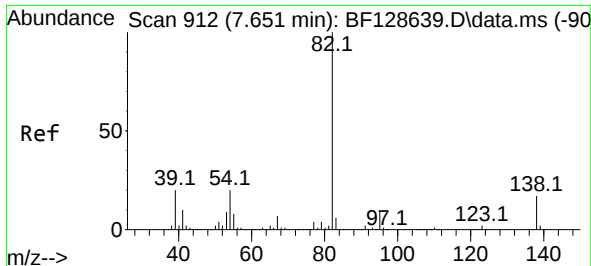
Tgt Ion:136 Resp: 424031
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.2 7.5 11.3
68 4.3 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 90.042 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF128671.D
Acq: 03 Jun 2022 10:44

Tgt Ion: 82 Resp: 820055
Ion Ratio Lower Upper
82 100
128 38.4 34.0 51.0
54 63.5 46.9 70.3

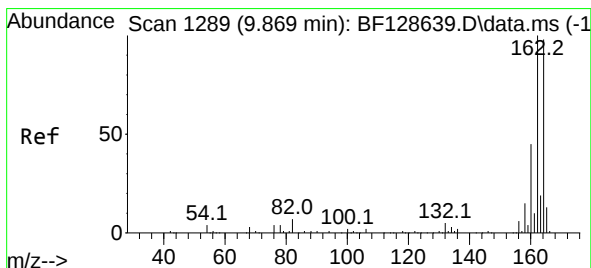
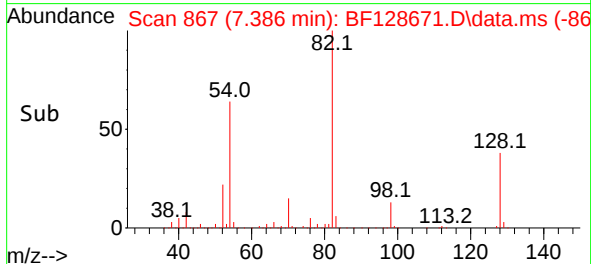
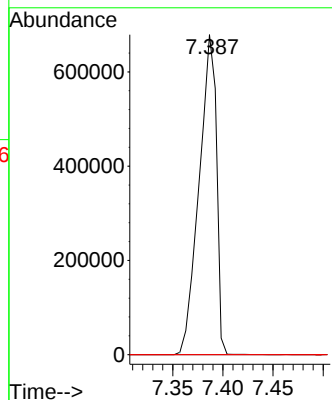
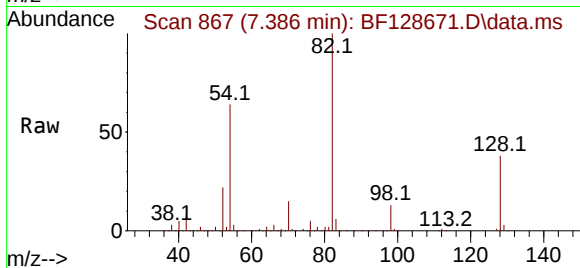




#25
Isophorone
Concen: 59.093 ng
RT: 7.386 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128671.D
Acq: 03 Jun 2022 10:44

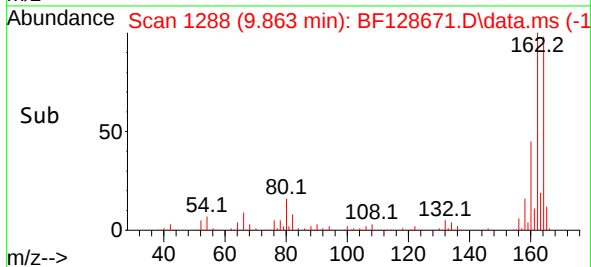
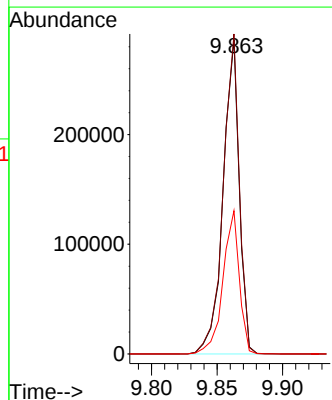
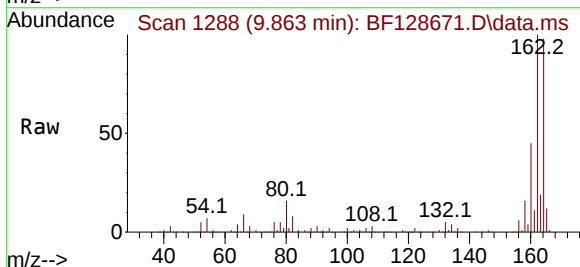
Instrument :
BNA_F
ClientSampleId :
PB145218BL

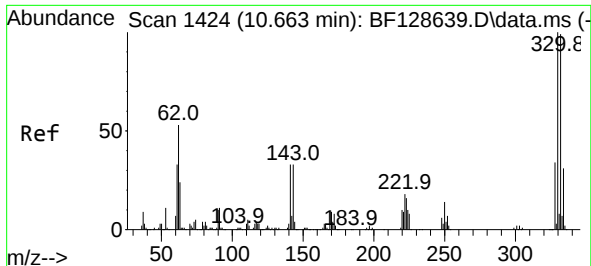
Tgt Ion: 82 Resp: 817390
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128671.D
Acq: 03 Jun 2022 10:44

Tgt Ion:164 Resp: 245576
Ion Ratio Lower Upper
164 100
162 101.8 79.5 119.3
160 45.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 139.143 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF128671.D

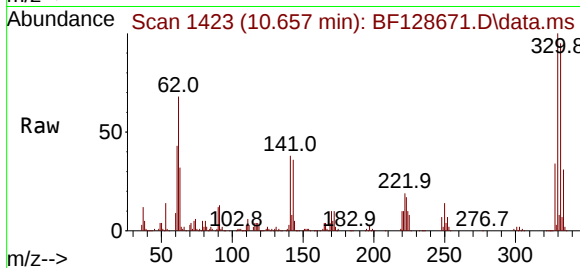
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Instrument :

BNA_F

ClientSampleId :

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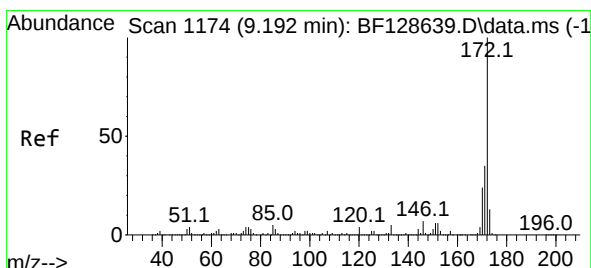
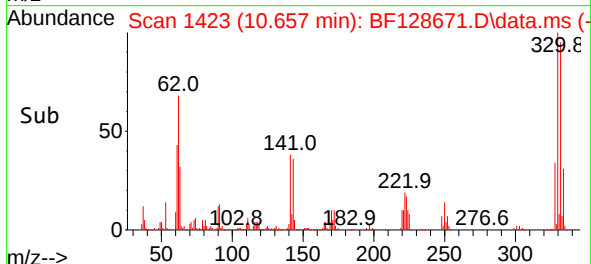
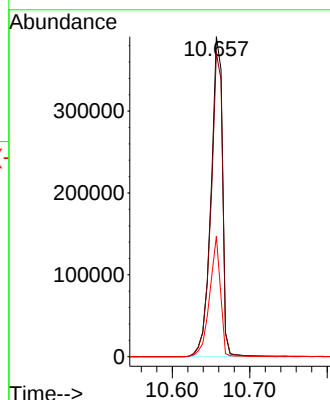
Tgt Ion:330 Resp: 403737

Ion Ratio Lower Upper

330 100

332 95.9 76.8 115.2

141 35.3 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 89.969 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128671.D

Acq: 03 Jun 2022 10:44

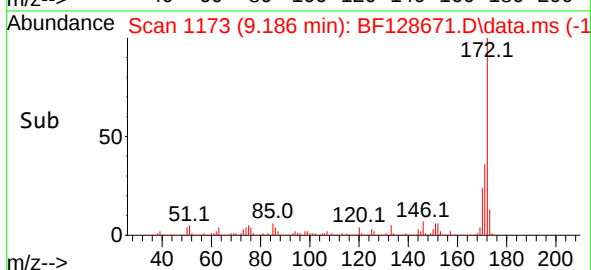
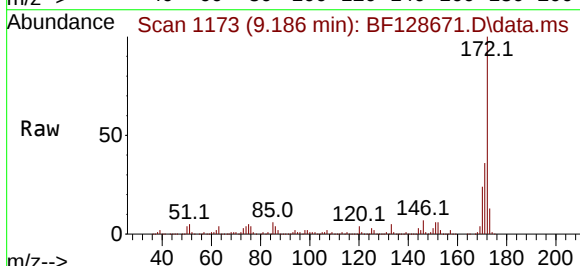
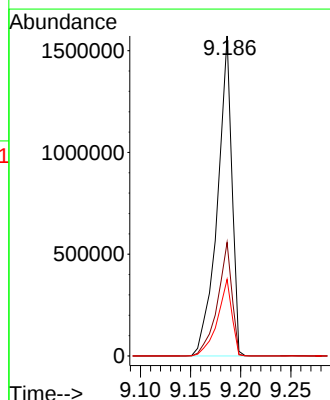
Tgt Ion:172 Resp: 1577253

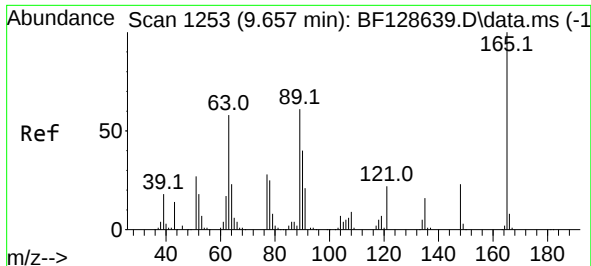
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 24.0 19.8 29.8

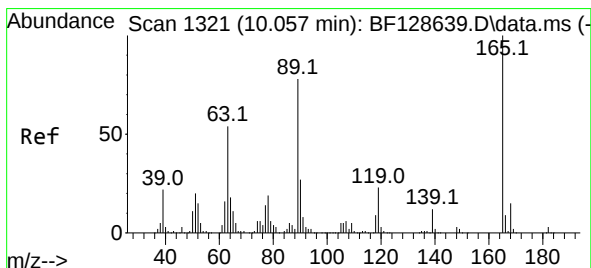
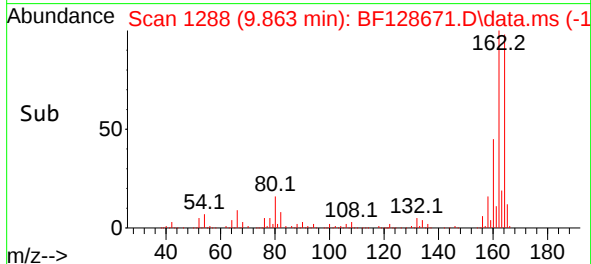
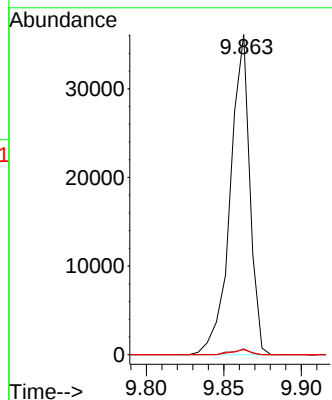
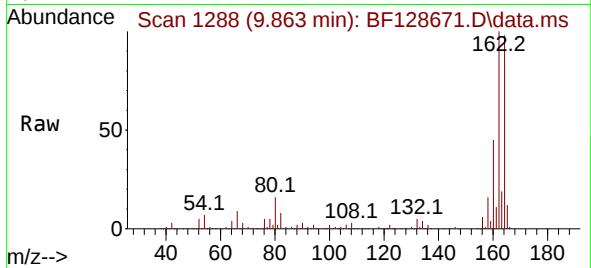




#51
2,6-Dinitrotoluene
Concen: 9.553 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF128671.D
Acq: 03 Jun 2022 10:44

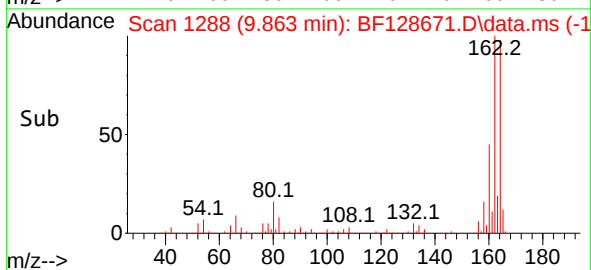
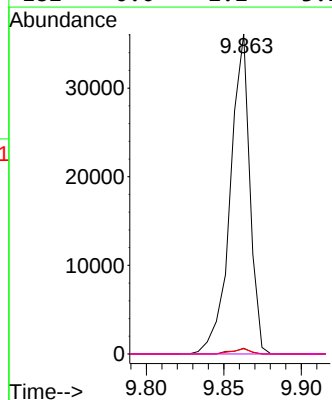
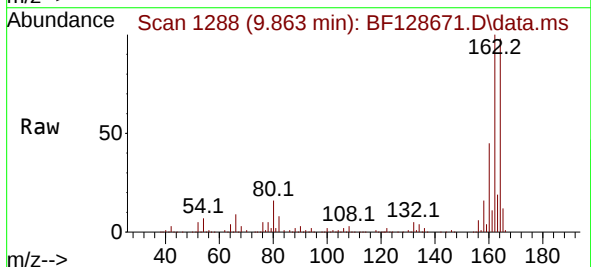
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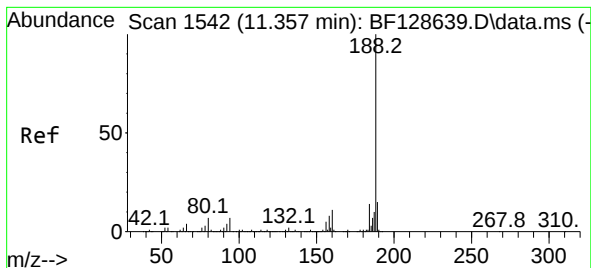
Tgt Ion:165 Resp: 31694
Ion Ratio Lower Upper
165 100
63 1.8 44.9 67.3#
89 1.6 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.158 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.194 min
Lab File: BF128671.D
Acq: 03 Jun 2022 10:44

Tgt Ion:165 Resp: 31694
Ion Ratio Lower Upper
165 100
63 1.8 39.8 59.6#
89 1.6 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128671.D

Acq: 03 Jun 2022 10:44

Instrument :

BNA_F

ClientSampleId :

PB145218BL

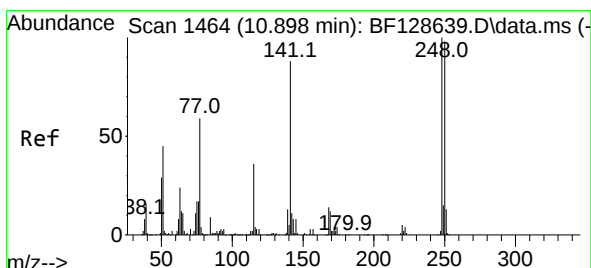
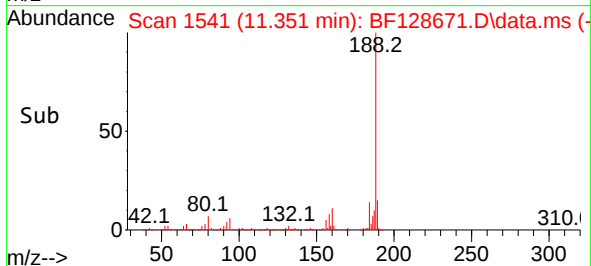
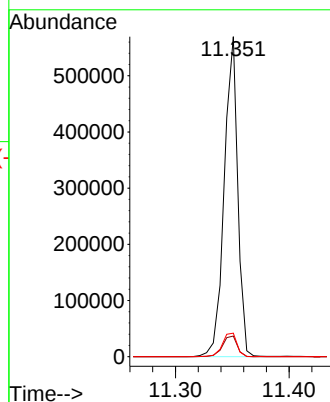
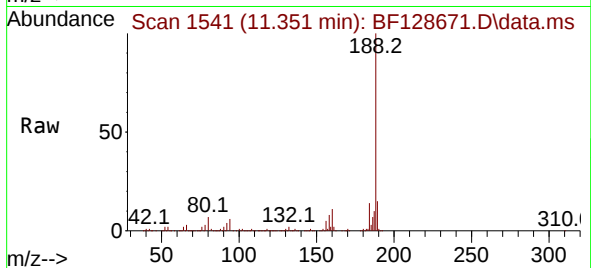
Tgt Ion:188 Resp: 473003

Ion Ratio Lower Upper

188 100

94 6.4 7.0 10.6#

80 7.4 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 5.019 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.241 min

Lab File: BF128671.D

Acq: 03 Jun 2022 10:44

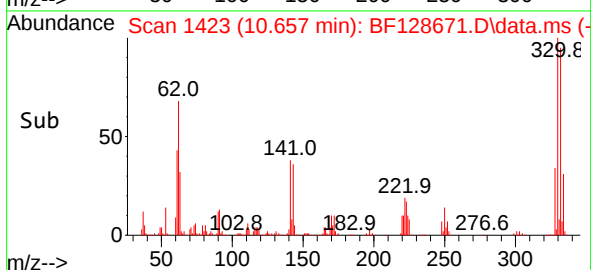
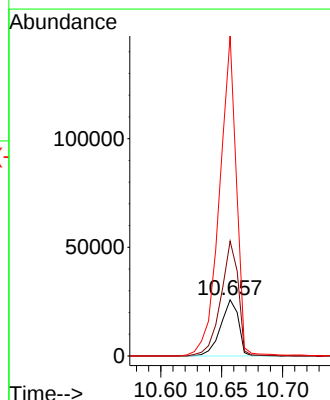
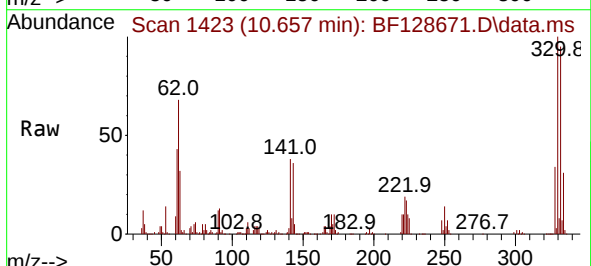
Tgt Ion:248 Resp: 26474

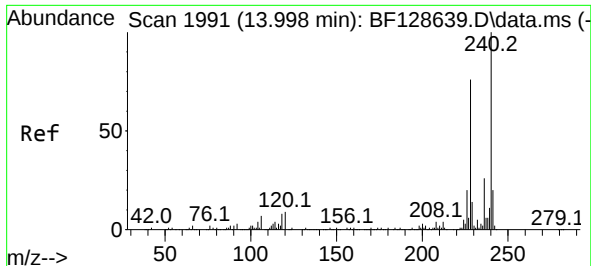
Ion Ratio Lower Upper

248 100

250 204.6 80.6 120.8#

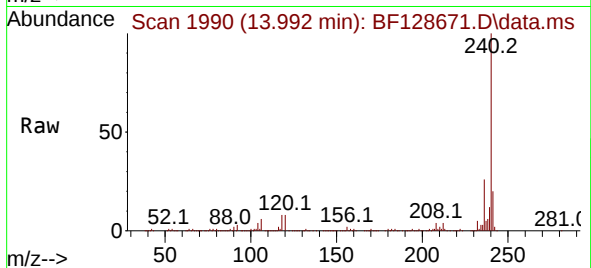
141 569.7 58.9 88.3#



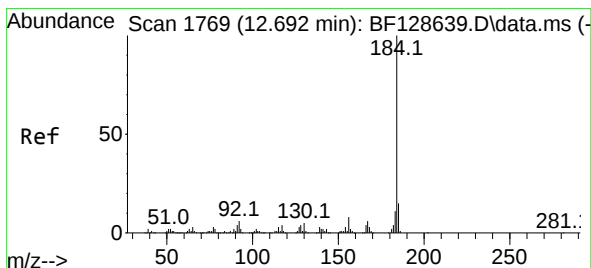
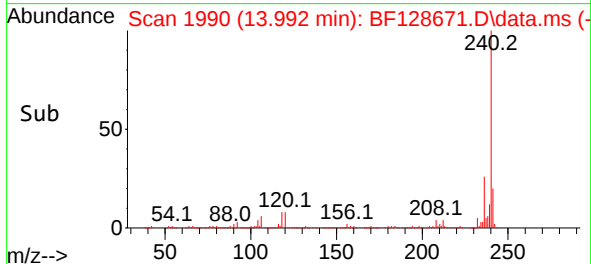
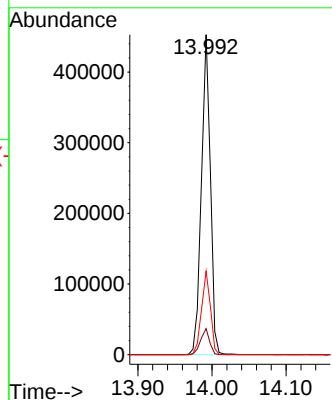


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF128671.D
Acq: 03 Jun 2022 10:44

Instrument :
BNA_F
ClientSampleId :
PB145218BL

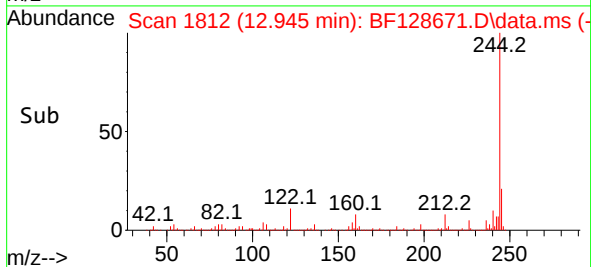
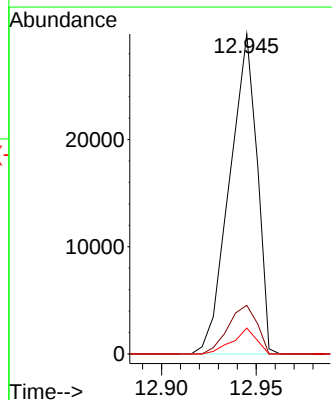
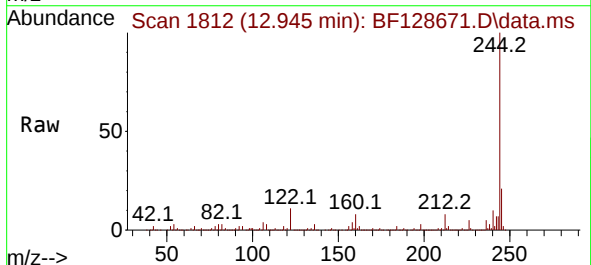


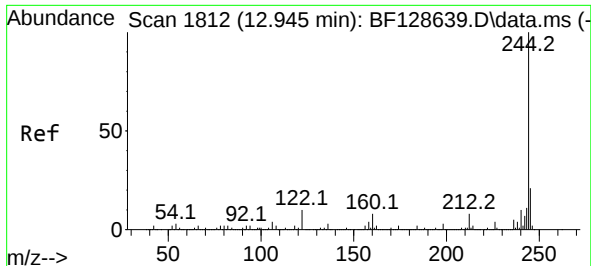
Tgt Ion:240 Resp: 380480
Ion Ratio Lower Upper
240 100
120 8.2 8.9 13.3#
236 26.1 20.8 31.2



#77
Benzidine
Concen: 3.976 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.253 min
Lab File: BF128671.D
Acq: 03 Jun 2022 10:44

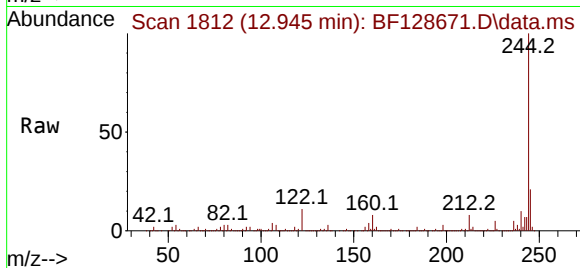
Tgt Ion:184 Resp: 30153
Ion Ratio Lower Upper
184 100
185 15.2 11.9 17.9
183 8.1 9.3 13.9#





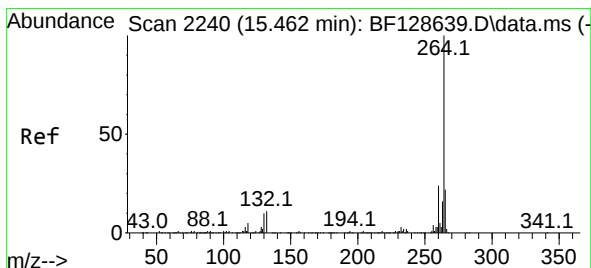
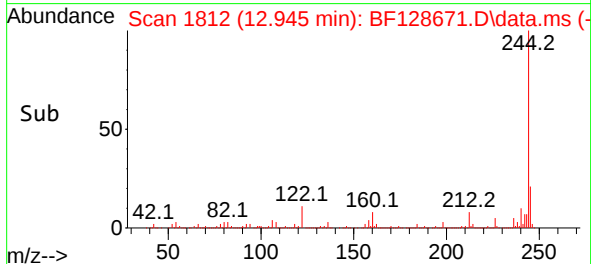
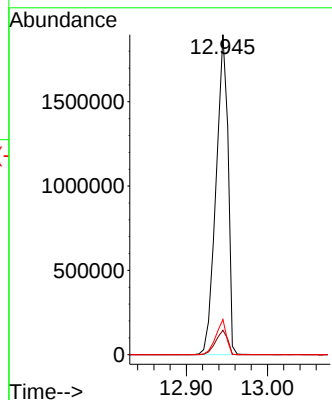
#79
 Terphenyl-d14
 Concen: 88.728 ng
 RT: 12.945 min Scan# 1812
 Delta R.T. -0.000 min
 Lab File: BF128671.D
 Acq: 03 Jun 2022 10:44

Instrument :
 BNA_F
 ClientSampleId :
 PB145218BL



Tgt Ion:244 Resp: 1942826

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.1	9.1
122	11.0	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: BF128671.D
 Acq: 03 Jun 2022 10:44

Tgt Ion:264 Resp: 318796

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.4	27.6
265	21.8	17.2	25.8

