

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061622\
 Data File : BF128836.D
 Acq On : 16 Jun 2022 13:23
 Operator : CG\JU
 Sample : PB145586BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145586BL

Quant Time: Jun 17 02:17:51 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

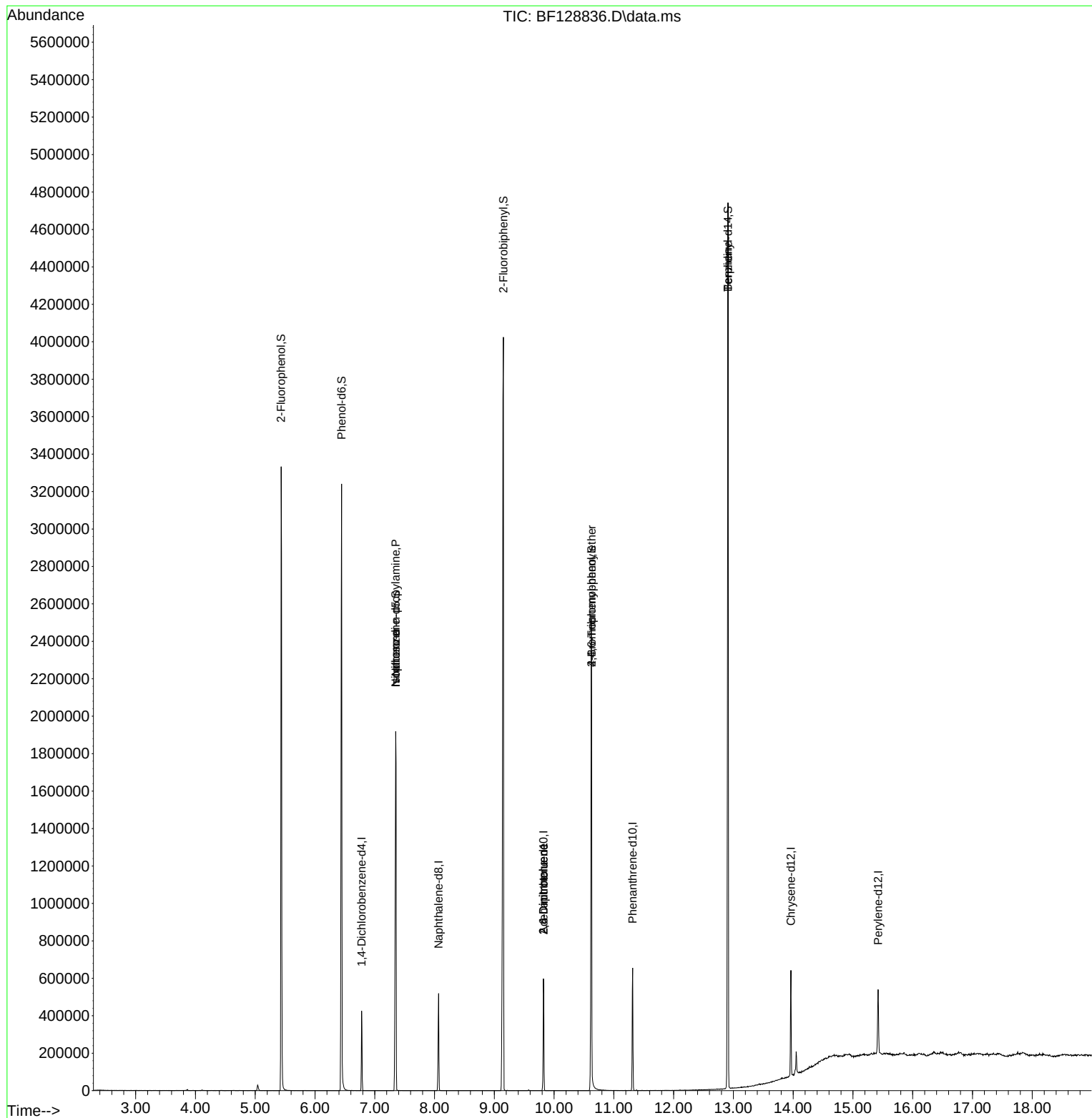
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	55109	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	218896	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	124717	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	237503	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	188074	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	156883	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	836150	241.675	ng	0.02
7) Phenol-d6	6.445	99	1039398	246.110	ng	0.00
23) Nitrobenzene-d5	7.351	82	747273	158.943	ng	0.00
42) 2,4,6-Tribromophenol	10.627	330	330075	223.993	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1442246	161.991	ng	0.00
79) Terphenyl-d14	12.910	244	1710311	158.017	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.351	70	106319	40.489	ng	# 76
25) Isophorone	7.351	82	746648	104.564	ng	# 65
51) 2,6-Dinitrotoluene	9.822	165	15934	9.457	ng	# 25
57) 2,4-Dinitrotoluene	9.822	165	15934	7.086	ng	# 21
67) 4-Bromophenyl-phenylether	10.627	248	21758	8.215	ng	# 1
77) Benzidine	12.910	184	24248	6.468	ng	# 92

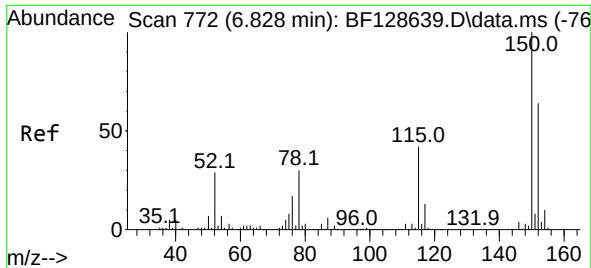
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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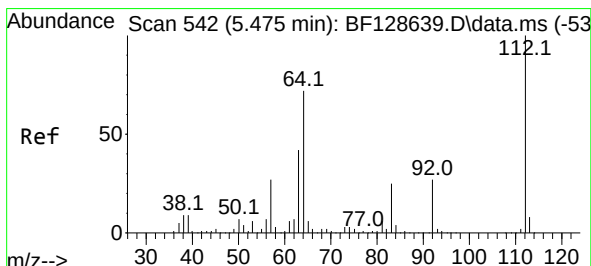
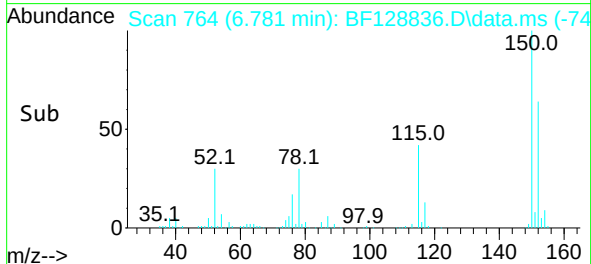
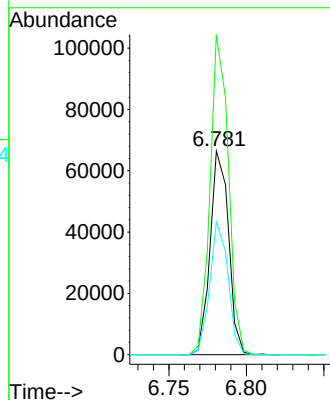
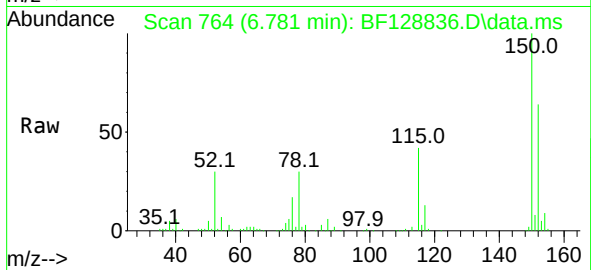




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128836.D
Acq: 16 Jun 2022 13:23

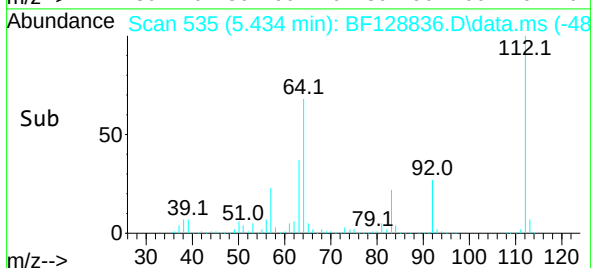
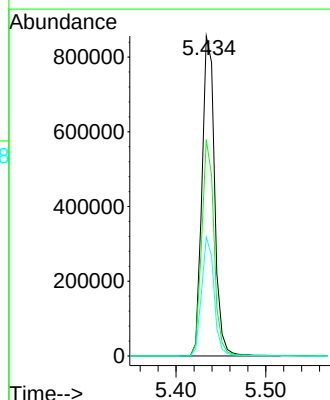
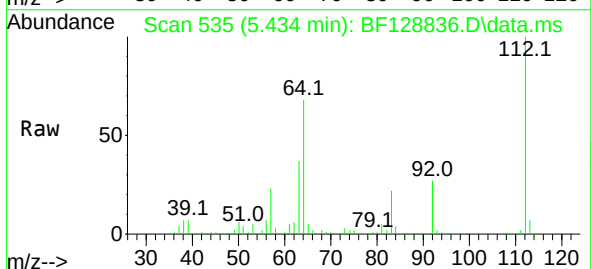
Instrument :
BNA_F
ClientSampleId :
PB145586BL

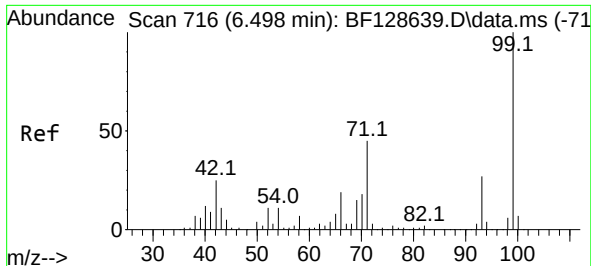
Tgt Ion:152 Resp: 55109
Ion Ratio Lower Upper
152 100
150 157.1 123.7 185.5
115 65.2 49.9 74.9



#5
2-Fluorophenol
Concen: 241.675 ng
RT: 5.434 min Scan# 535
Delta R.T. 0.018 min
Lab File: BF128836.D
Acq: 16 Jun 2022 13:23

Tgt Ion:112 Resp: 836150
Ion Ratio Lower Upper
112 100
64 67.6 53.3 79.9
63 37.2 28.0 42.0

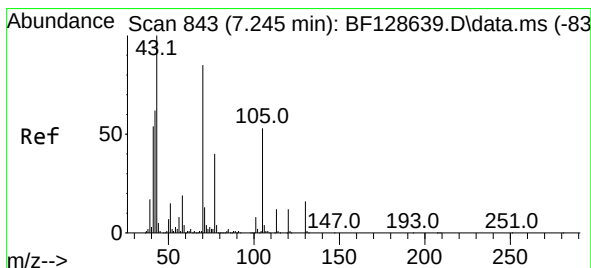
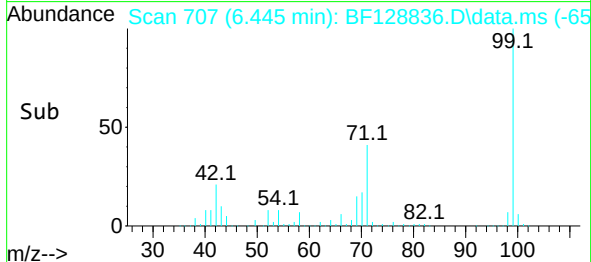
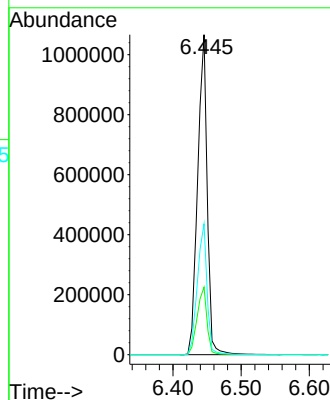
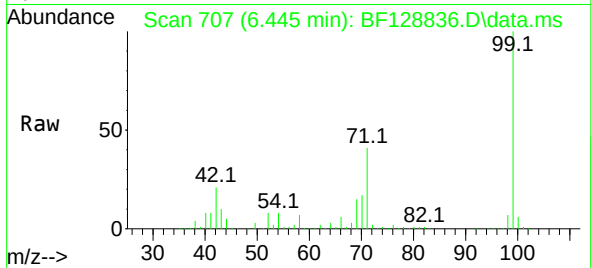




#7
Phenol-d6
Concen: 246.110 ng
RT: 6.445 min Scan# 70
Delta R.T. 0.006 min
Lab File: BF128836.D
Acq: 16 Jun 2022 13:23

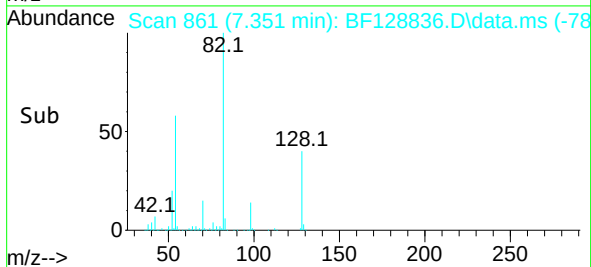
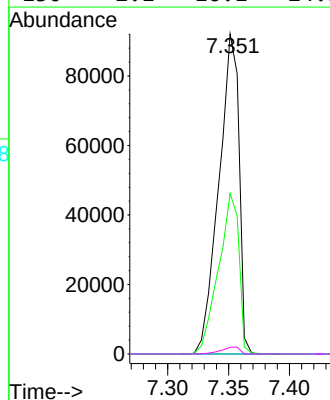
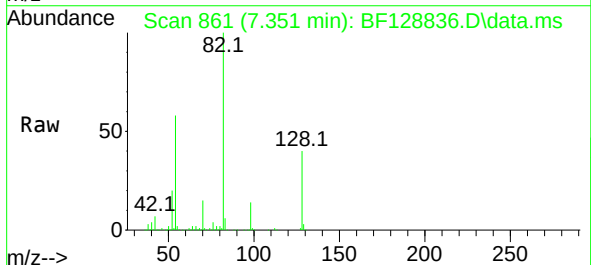
Instrument :
BNA_F
ClientSampleId :
PB145586BL

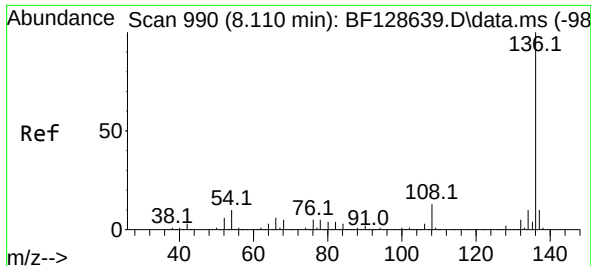
Tgt Ion: 99 Resp: 1039398
Ion Ratio Lower Upper
99 100
42 21.1 17.3 25.9
71 40.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 40.489 ng
RT: 7.351 min Scan# 861
Delta R.T. 0.147 min
Lab File: BF128836.D
Acq: 16 Jun 2022 13:23

Tgt Ion: 70 Resp: 106319
Ion Ratio Lower Upper
70 100
42 50.2 52.3 78.5#
101 0.0 7.5 11.3#
130 2.1 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.069 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF128836.D

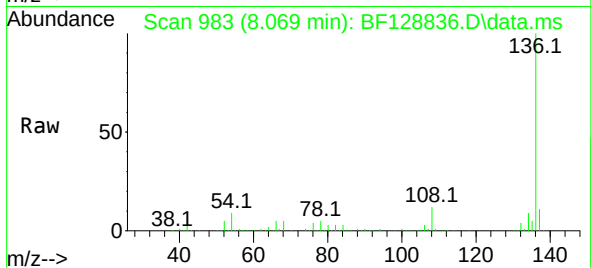
Acq: 16 Jun 2022 13:23

Instrument :

BNA_F

ClientSampleId :

PB145586BL



Tgt Ion:136 Resp: 218896

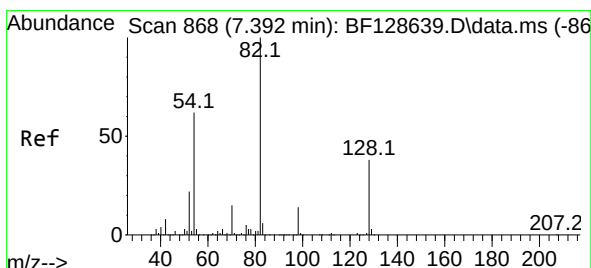
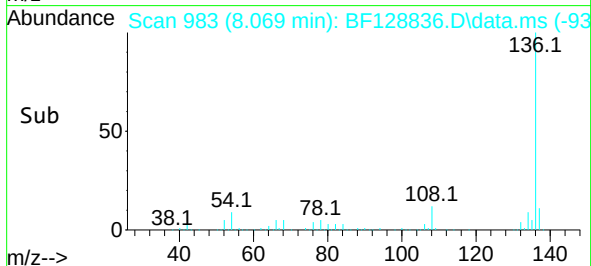
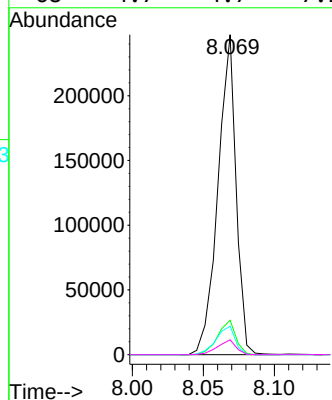
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.9 7.5 11.3

68 4.7 4.7 7.1#



#23

Nitrobenzene-d5

Concen: 158.943 ng

RT: 7.351 min Scan# 861

Delta R.T. -0.000 min

Lab File: BF128836.D

Acq: 16 Jun 2022 13:23

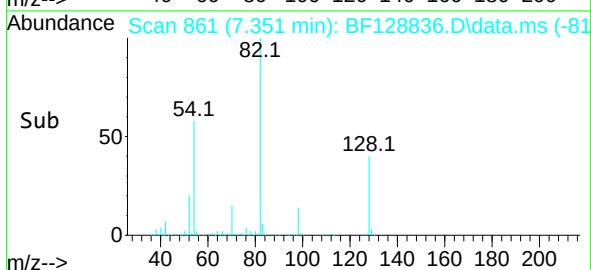
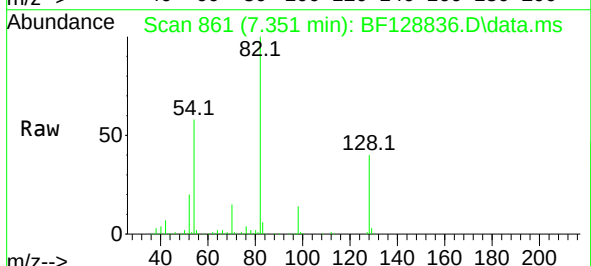
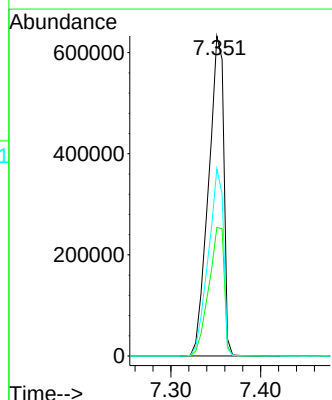
Tgt Ion: 82 Resp: 747273

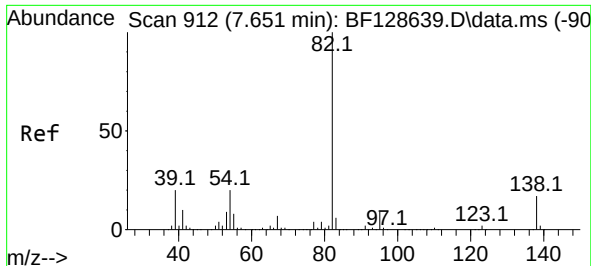
Ion Ratio Lower Upper

82 100

128 40.1 34.0 51.0

54 58.5 46.9 70.3

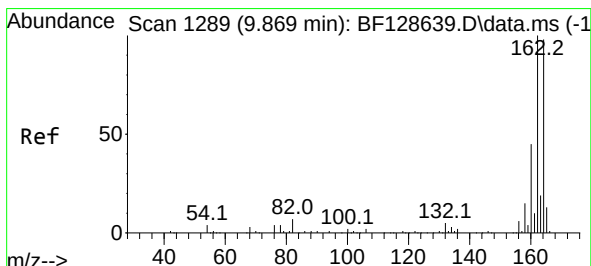
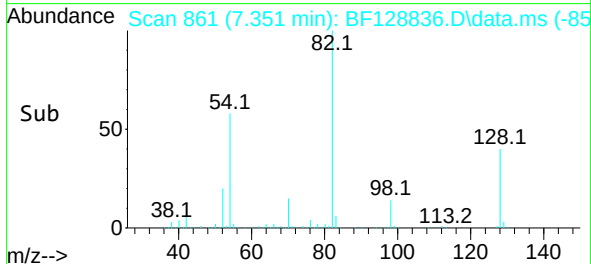
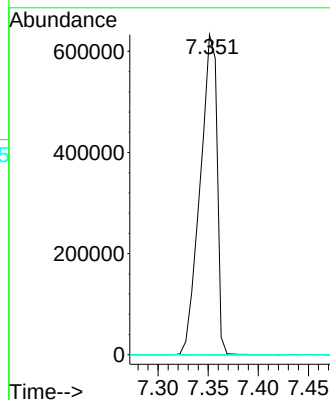
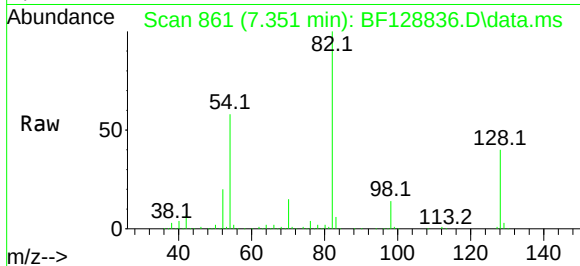




#25
Isophorone
Concen: 104.564 ng
RT: 7.351 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF128836.D
Acq: 16 Jun 2022 13:23

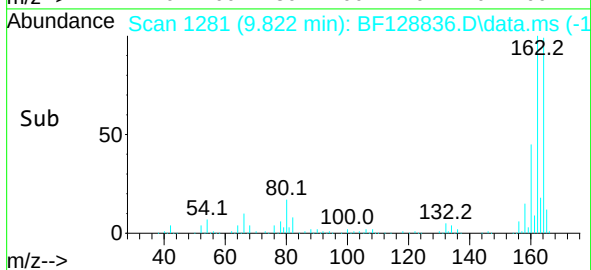
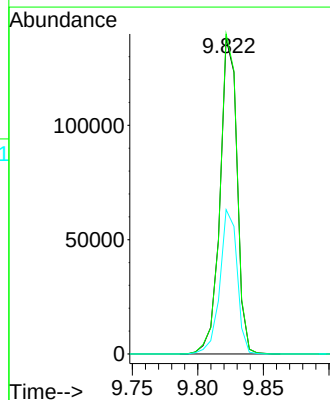
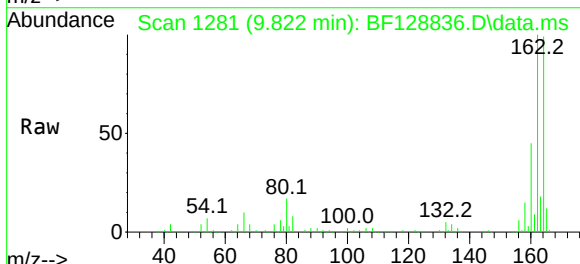
Instrument :
BNA_F
ClientSampleId :
PB145586BL

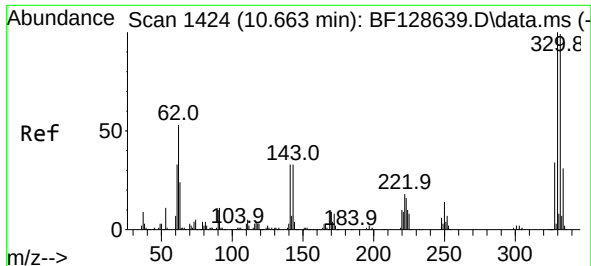
Tgt Ion: 82 Resp: 746648
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF128836.D
Acq: 16 Jun 2022 13:23

Tgt Ion:164 Resp: 124717
Ion Ratio Lower Upper
164 100
162 101.5 79.5 119.3
160 45.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 223.993 ng

RT: 10.627 min Scan# 1424

Delta R.T. 0.006 min

Lab File: BF128836.D

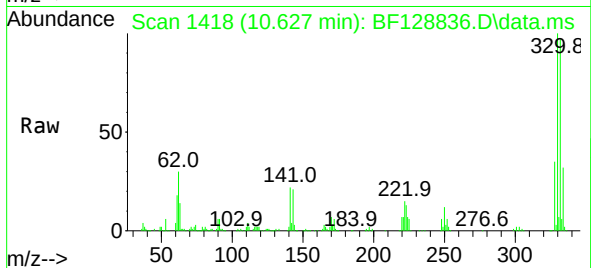
Acq: 16 Jun 2022 13:23

Instrument :

BNA_F

ClientSampleId :

PB145586BL



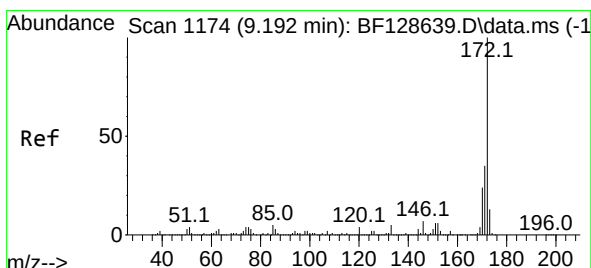
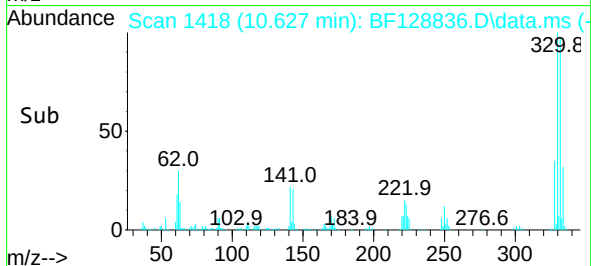
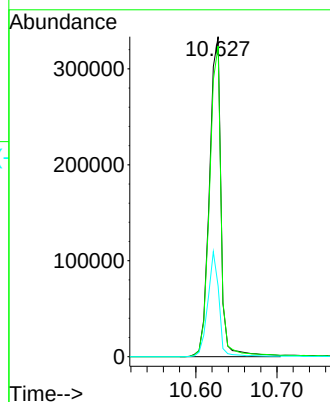
Tgt Ion:330 Resp: 330075

Ion Ratio Lower Upper

330 100

332 97.7 76.8 115.2

141 32.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 161.991 ng

RT: 9.151 min Scan# 1167

Delta R.T. 0.006 min

Lab File: BF128836.D

Acq: 16 Jun 2022 13:23

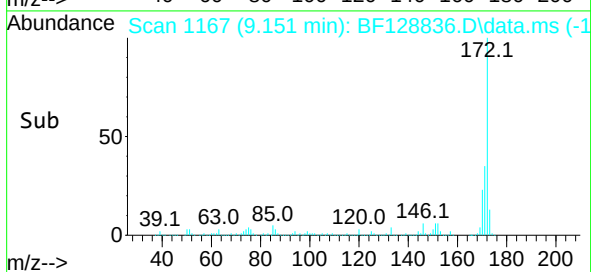
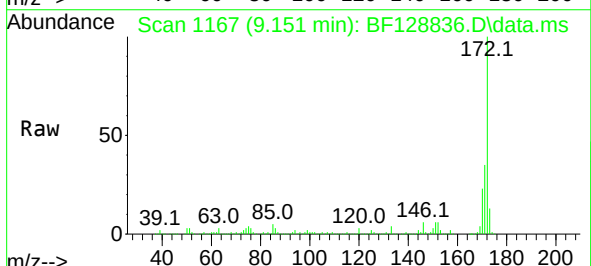
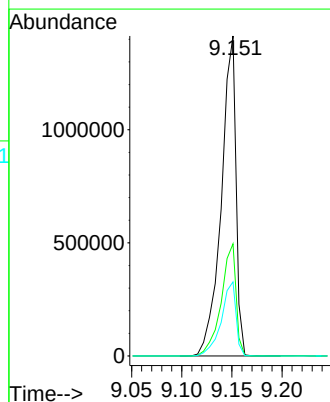
Tgt Ion:172 Resp: 1442246

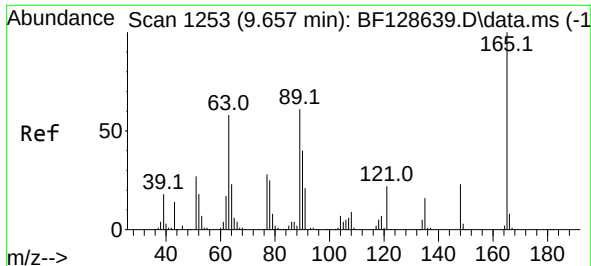
Ion Ratio Lower Upper

172 100

171 35.0 28.8 43.2

170 23.2 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.457 ng

RT: 9.822 min Scan# 1281

Delta R.T. 0.206 min

Lab File: BF128836.D

Acq: 16 Jun 2022 13:23

Instrument :

BNA_F

ClientSampleId :

PB145586BL

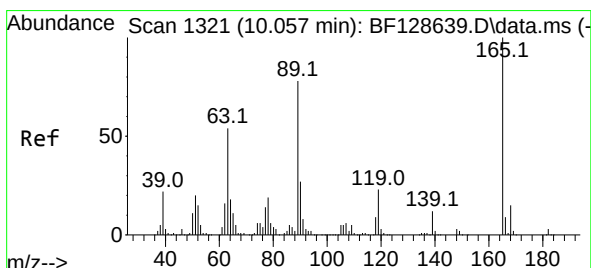
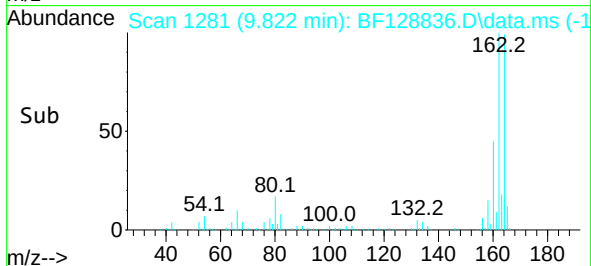
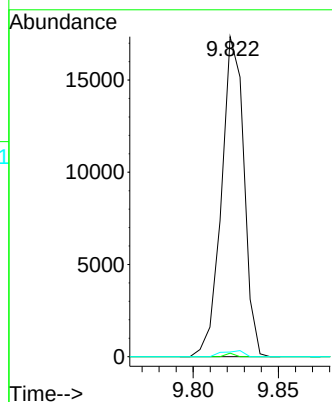
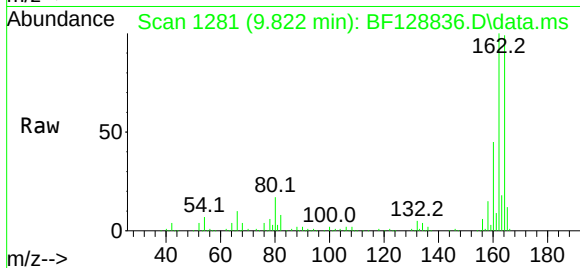
Tgt Ion:165 Resp: 15934

Ion Ratio Lower Upper

165 100

63 1.1 44.9 67.3#

89 1.5 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.086 ng

RT: 9.822 min Scan# 1281

Delta R.T. -0.200 min

Lab File: BF128836.D

Acq: 16 Jun 2022 13:23

Tgt Ion:165 Resp: 15934

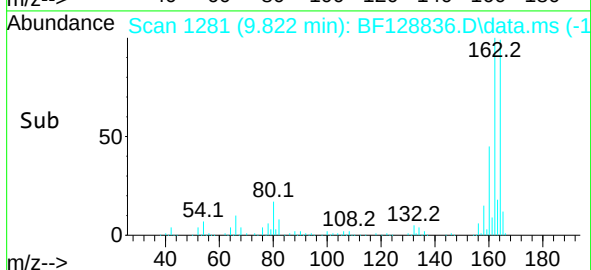
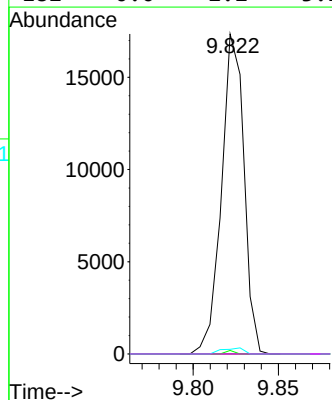
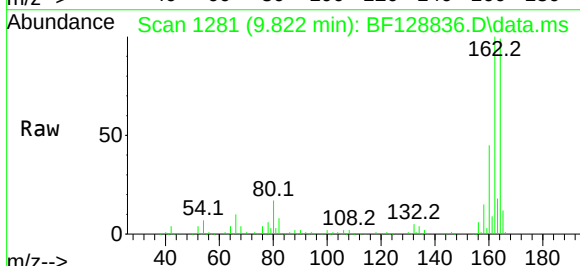
Ion Ratio Lower Upper

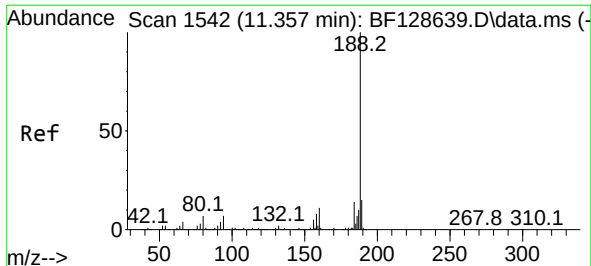
165 100

63 1.1 39.8 59.6#

89 1.5 60.2 90.2#

182 0.0 2.2 3.2#

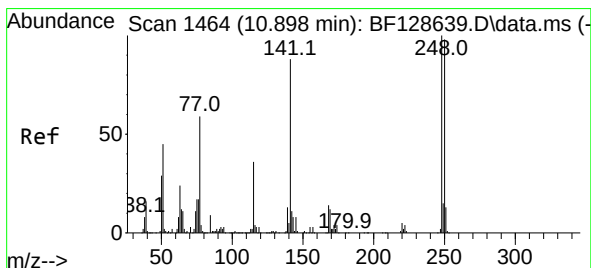
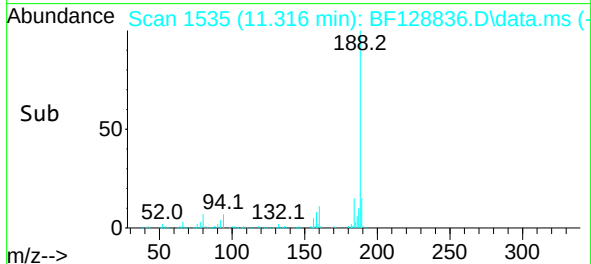
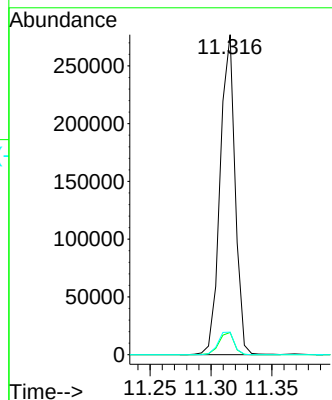
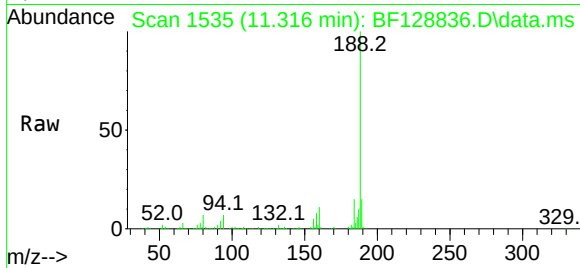




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128836.D
Acq: 16 Jun 2022 13:23

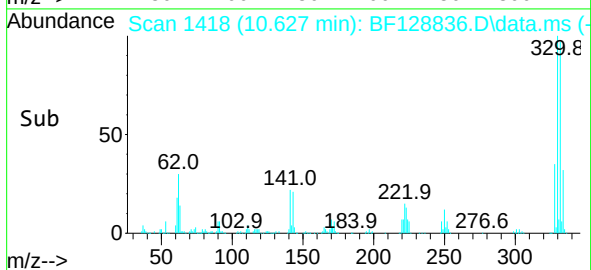
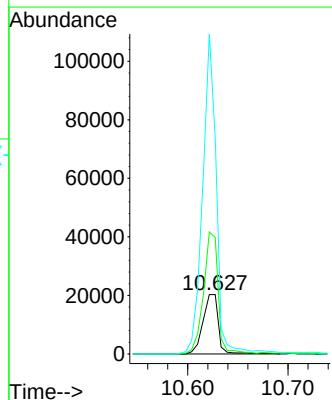
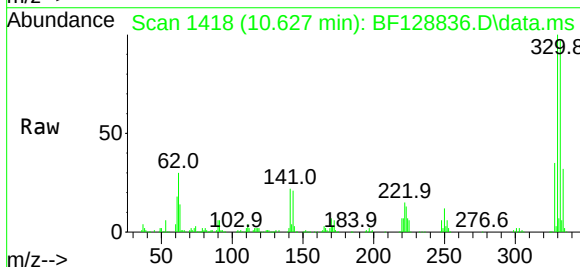
Instrument :
BNA_F
ClientSampleId :
PB145586BL

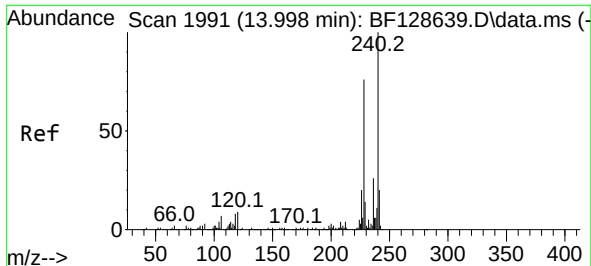
Tgt Ion:188 Resp: 237503
Ion Ratio Lower Upper
188 100
94 6.9 7.0 10.6#
80 7.1 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 8.215 ng
RT: 10.627 min Scan# 1418
Delta R.T. -0.229 min
Lab File: BF128836.D
Acq: 16 Jun 2022 13:23

Tgt Ion:248 Resp: 21758
Ion Ratio Lower Upper
248 100
250 195.8 80.6 120.8#
141 362.6 58.9 88.3#

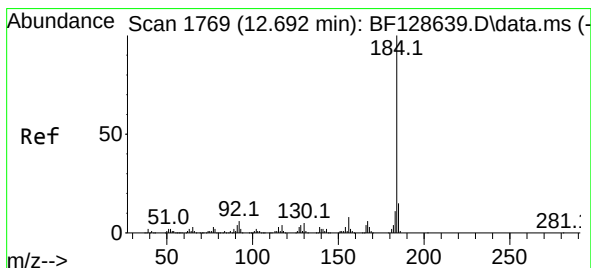
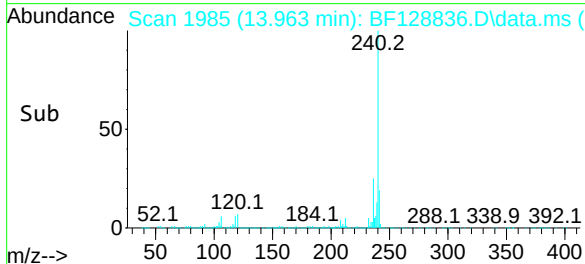
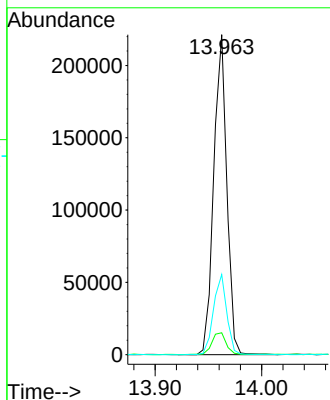
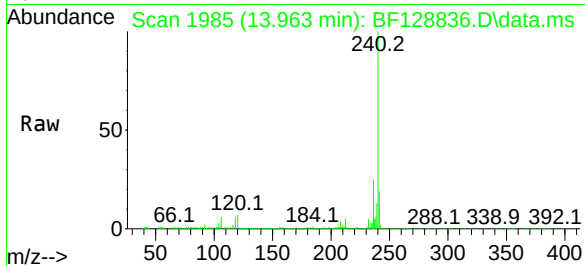




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF128836.D
Acq: 16 Jun 2022 13:23

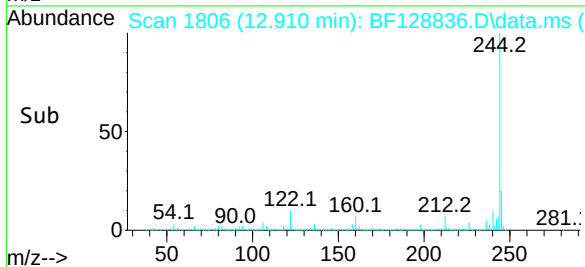
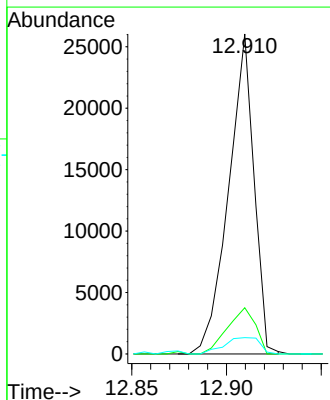
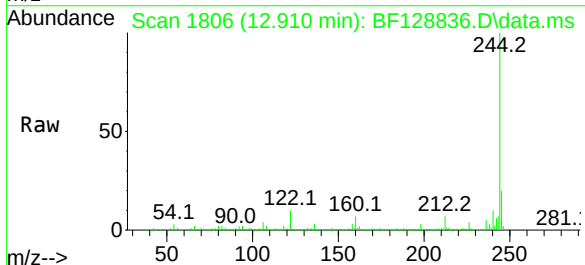
Instrument :
BNA_F
ClientSampleId :
PB145586BL

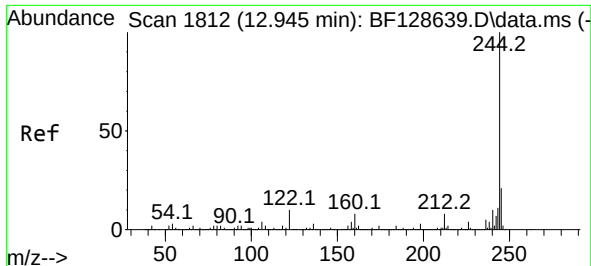
Tgt Ion:240 Resp: 188074
Ion Ratio Lower Upper
240 100
120 6.9 8.9 13.3#
236 25.1 20.8 31.2



#77
Benzidine
Concen: 6.468 ng
RT: 12.910 min Scan# 1806
Delta R.T. 0.259 min
Lab File: BF128836.D
Acq: 16 Jun 2022 13:23

Tgt Ion:184 Resp: 24248
Ion Ratio Lower Upper
184 100
185 14.4 11.9 17.9
183 5.1 9.3 13.9#

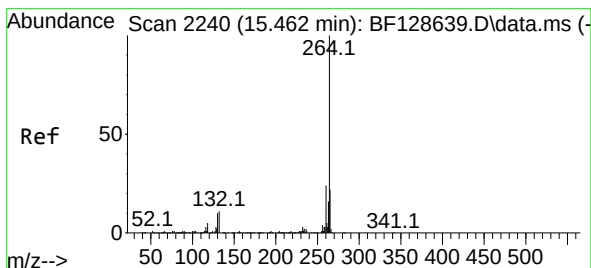
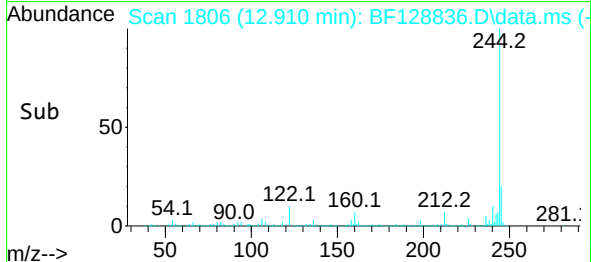
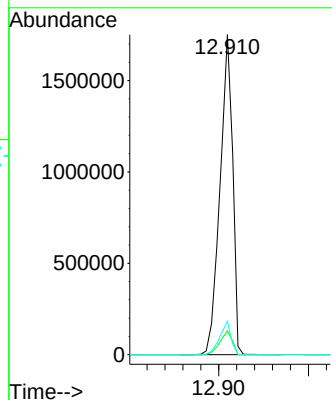
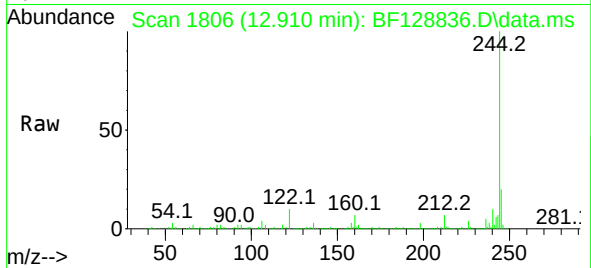




#79
 Terphenyl-d14
 Concen: 158.017 ng
 RT: 12.910 min Scan# 1806
 Delta R.T. 0.006 min
 Lab File: BF128836.D
 Acq: 16 Jun 2022 13:23

Instrument :
 BNA_F
 ClientSampleId :
 PB145586BL

Tgt Ion:244 Resp: 1710311
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 10.4 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2233
 Delta R.T. 0.006 min
 Lab File: BF128836.D
 Acq: 16 Jun 2022 13:23

Tgt Ion:264 Resp: 156883
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.4 27.6
 265 21.4 17.2 25.8

