

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
 Data File : BF128202.D
 Acq On : 11 May 2022 18:49
 Operator : CG\JU
 Sample : N2762-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB04

Quant Time: May 12 06:00:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 15:30:11 2022
 Response via : Initial Calibration

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

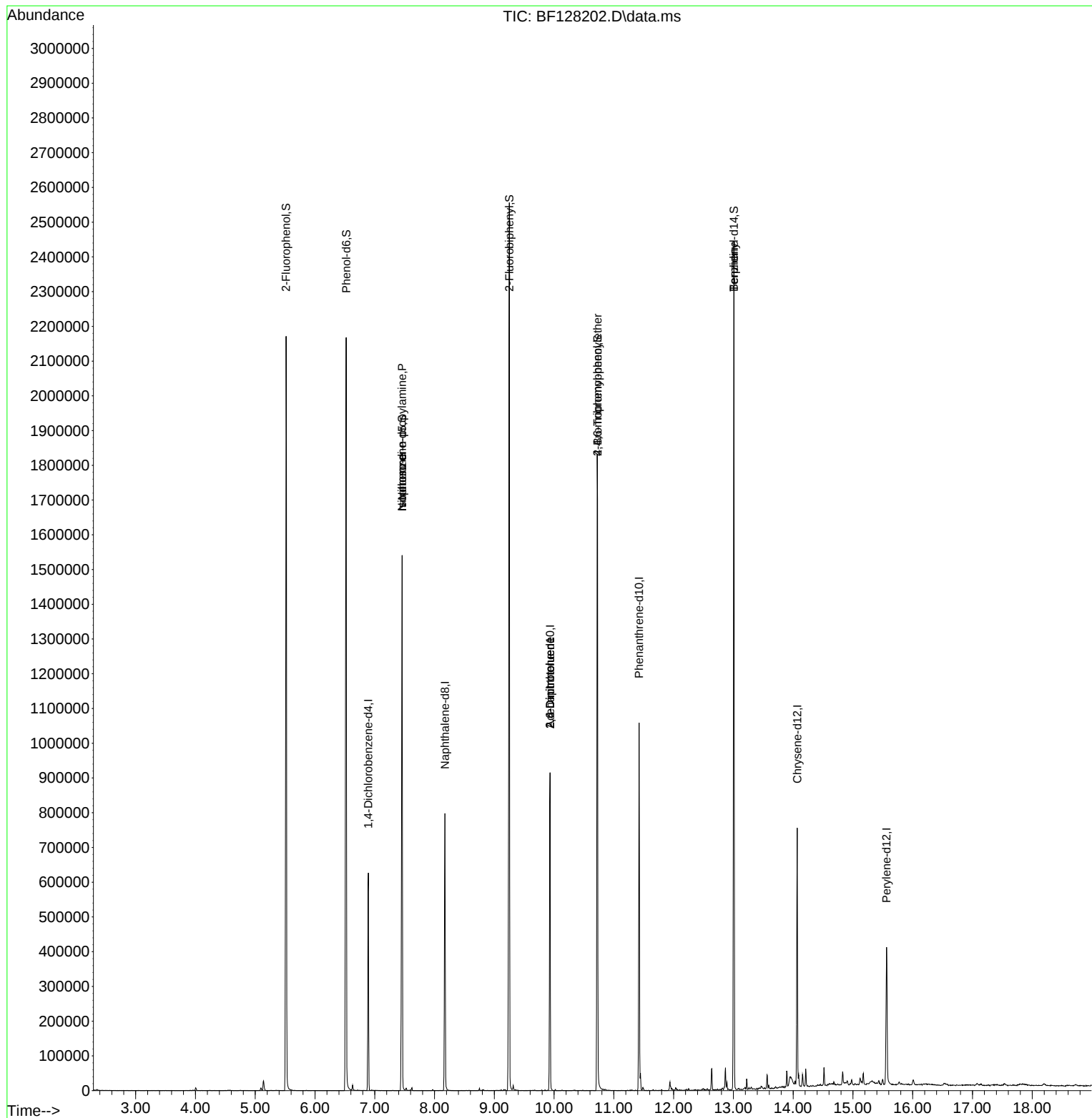
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	87901	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	344548	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	199642	20.000	ng	0.00
64) Phenanthrene-d10	11.421	188	365720	20.000	ng	0.00
76) Chrysene-d12	14.068	240	241894	20.000	ng	-0.01
86) Perylene-d12	15.562	264	179515	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	569302	103.246	ng	0.00
7) Phenol-d6	6.522	99	758458	103.996	ng	0.00
23) Nitrobenzene-d5	7.457	82	535323	69.911	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	235405	102.813	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	791262	62.015	ng	0.00
79) Terphenyl-d14	13.010	244	797937	61.897	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.463	77	118	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.457	70	73500	16.365	ng	# 77
25) Isophorone	7.457	82	532707	44.375	ng	# 68
51) 2,6-Dinitrotoluene	9.933	165	25443	9.003	ng	# 21
57) 2,4-Dinitrotoluene	9.933	165	25443	6.733	ng	# 26
67) 4-Bromophenyl-phenylether	10.727	248	13862	3.523	ng	# 1
77) Benzydine	13.010	184	11744	2.242	ng	# 93

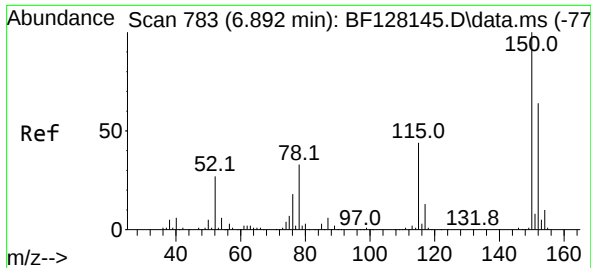
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051122\
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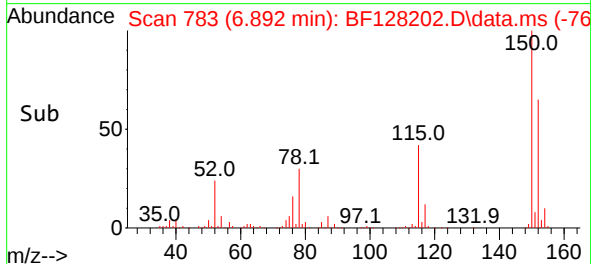
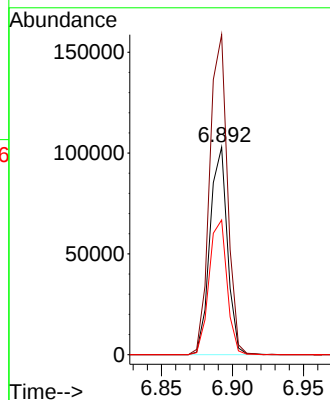
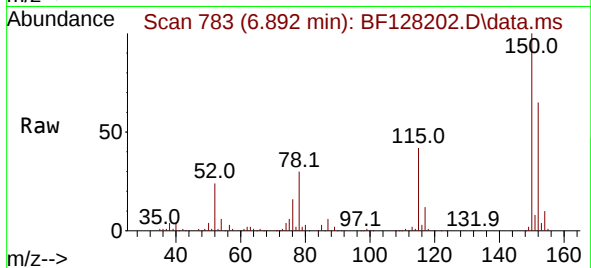




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 783
Delta R.T. 0.000 min
Lab File: BF128202.D
Acq: 11 May 2022 18:49

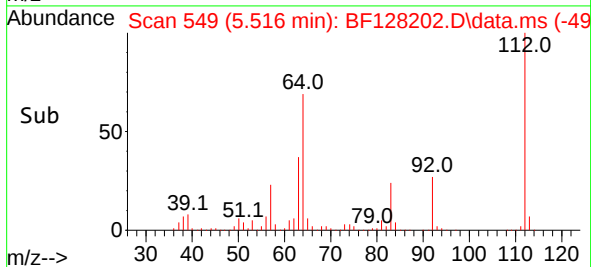
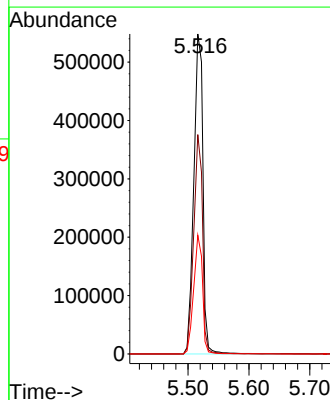
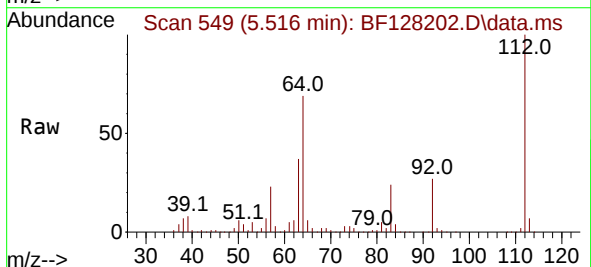
Instrument :
BNA_F
ClientSampleId :
SB04

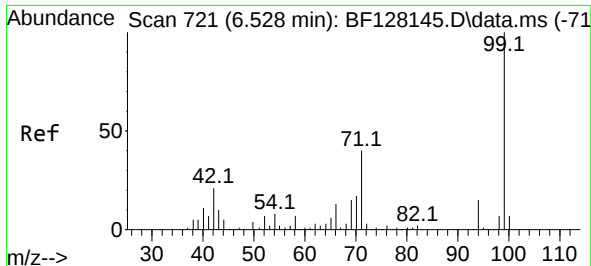
Tgt Ion:152 Resp: 87901
Ion Ratio Lower Upper
152 100
150 154.2 125.3 187.9
115 64.9 48.8 73.2



#5
2-Fluorophenol
Concen: 103.246 ng
RT: 5.516 min Scan# 549
Delta R.T. -0.000 min
Lab File: BF128202.D
Acq: 11 May 2022 18:49

Tgt Ion:112 Resp: 569302
Ion Ratio Lower Upper
112 100
64 68.6 49.5 74.3
63 37.1 26.3 39.5

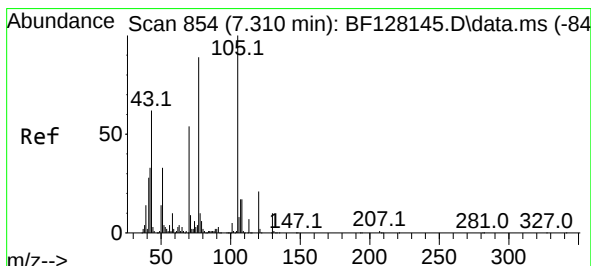
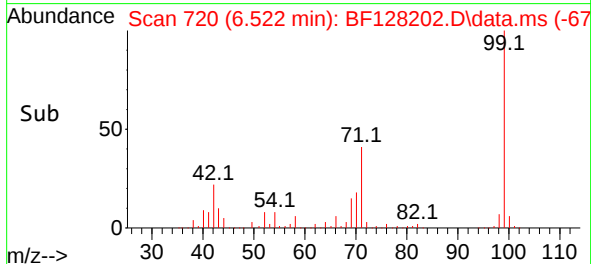
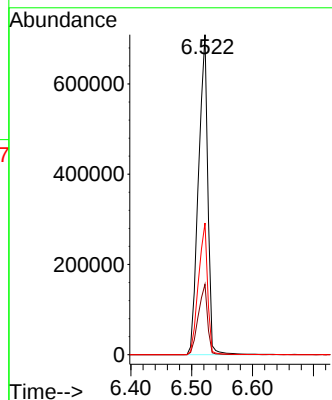
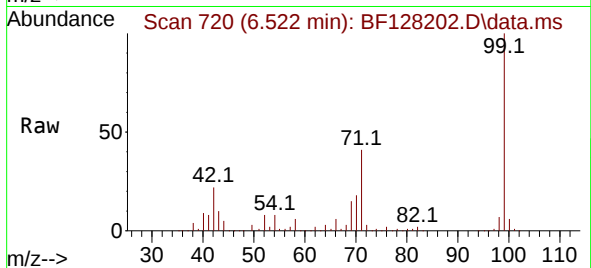




#7
Phenol-d6
Concen: 103.996 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128202.D
Acq: 11 May 2022 18:49

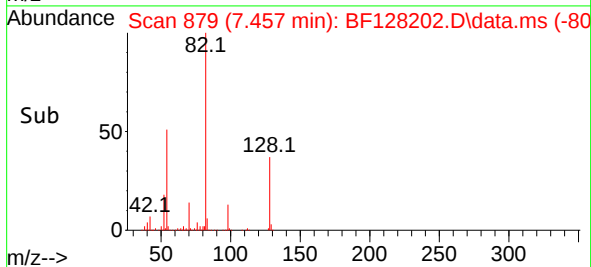
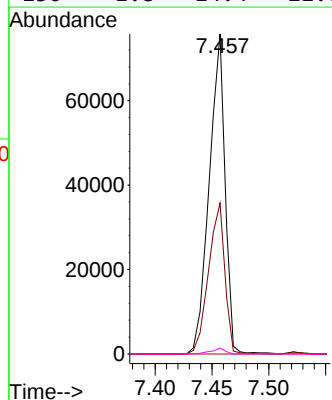
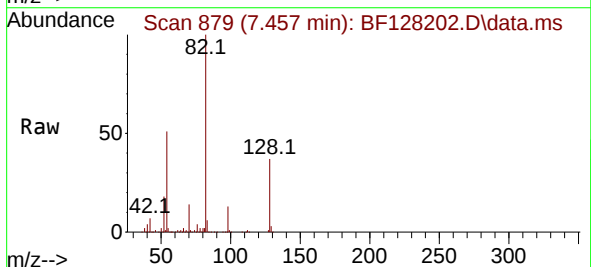
Instrument :
BNA_F
ClientSampleId :
SB04

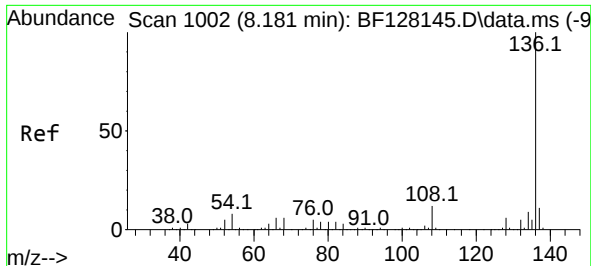
Tgt Ion: 99 Resp: 758458
Ion Ratio Lower Upper
99 100
42 22.0 16.6 24.8
71 41.2 30.0 45.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.365 ng
RT: 7.457 min Scan# 879
Delta R.T. 0.147 min
Lab File: BF128202.D
Acq: 11 May 2022 18:49

Tgt Ion: 70 Resp: 73500
Ion Ratio Lower Upper
70 100
42 47.1 48.7 73.1#
101 0.0 7.2 10.8#
130 1.8 14.4 21.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.175 min Scan# 10

Delta R.T. -0.006 min

Lab File: BF128202.D

Acq: 11 May 2022 18:49

Instrument :

BNA_F

ClientSampleId :

SB04

Tgt Ion:136 Resp: 344548

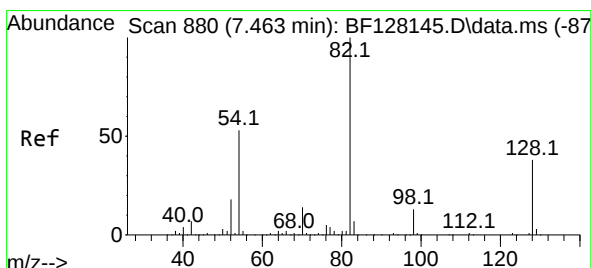
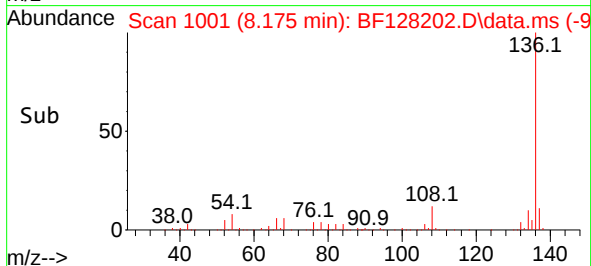
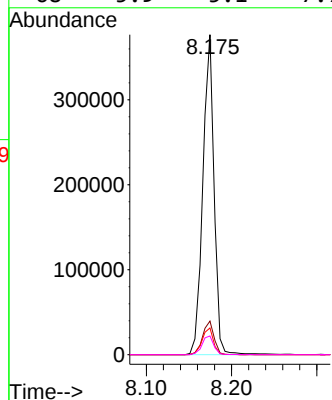
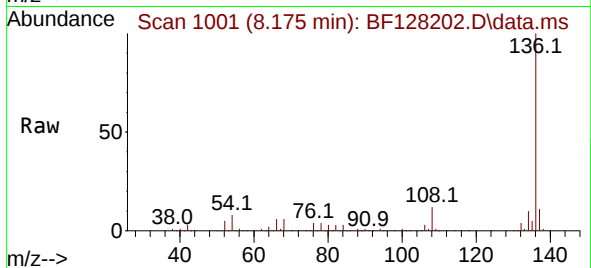
Ion Ratio Lower Upper

136 100

137 10.5 8.6 13.0

54 8.3 6.8 10.2

68 5.9 5.1 7.7



#23

Nitrobenzene-d5

Concen: 69.911 ng

RT: 7.457 min Scan# 879

Delta R.T. -0.006 min

Lab File: BF128202.D

Acq: 11 May 2022 18:49

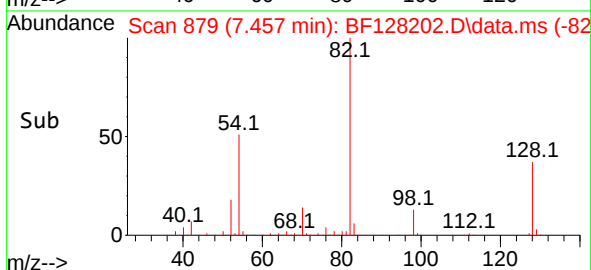
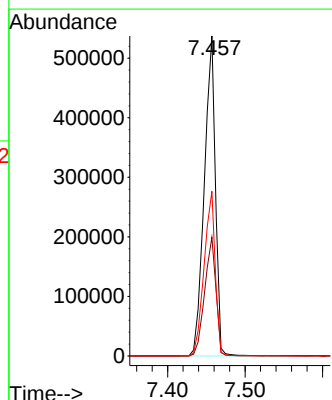
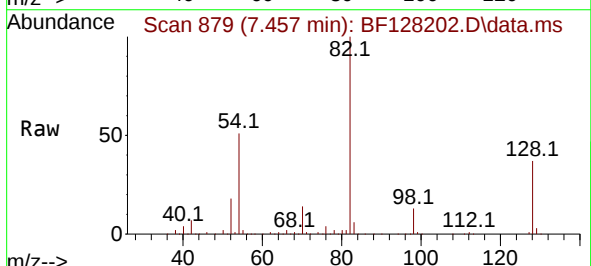
Tgt Ion: 82 Resp: 535323

Ion Ratio Lower Upper

82 100

128 37.1 30.0 45.0

54 51.4 41.3 61.9

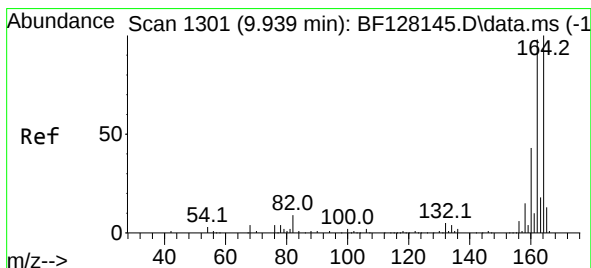
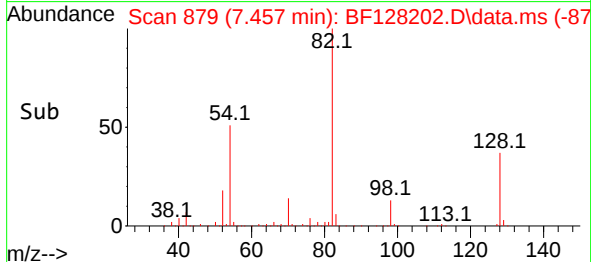
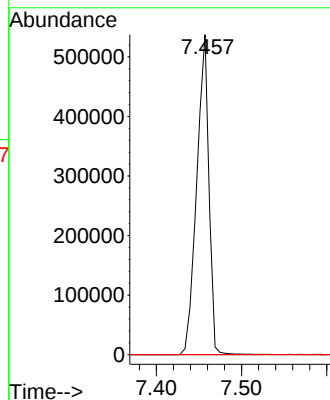
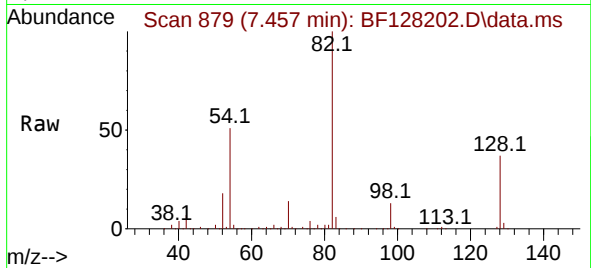




#25
Isophorone
Concen: 44.375 ng
RT: 7.457 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128202.D
Acq: 11 May 2022 18:49

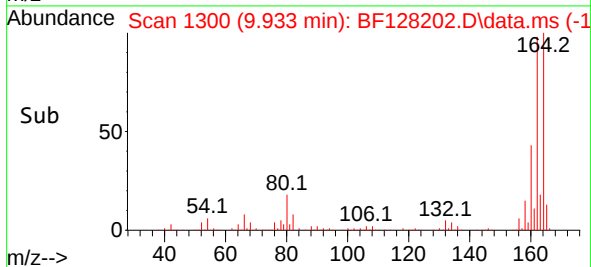
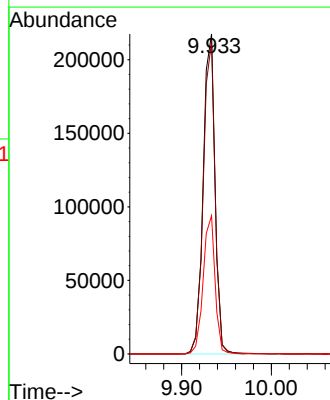
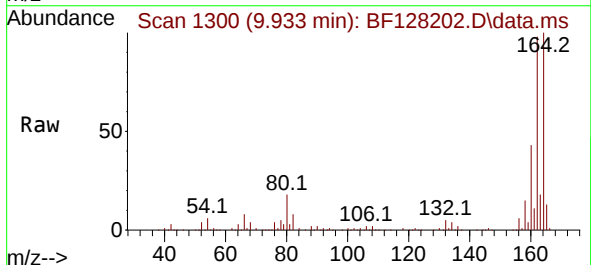
Instrument :
BNA_F
ClientSampleId :
SB04

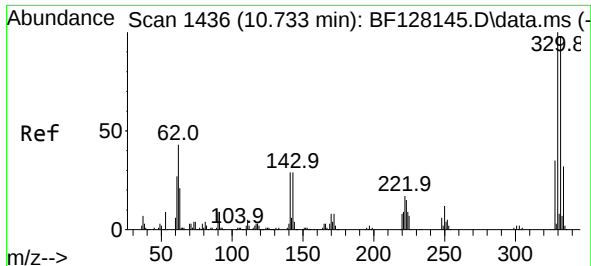
Tgt Ion: 82 Resp: 532707
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 12.5 18.7#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF128202.D
Acq: 11 May 2022 18:49

Tgt Ion:164 Resp: 199642
Ion Ratio Lower Upper
164 100
162 97.8 76.0 114.0
160 43.2 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 102.813 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.006 min

Lab File: BF128202.D

Acq: 11 May 2022 18:49

Instrument :

BNA_F

ClientSampleId :

SB04

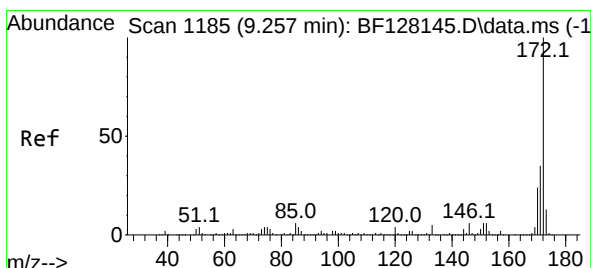
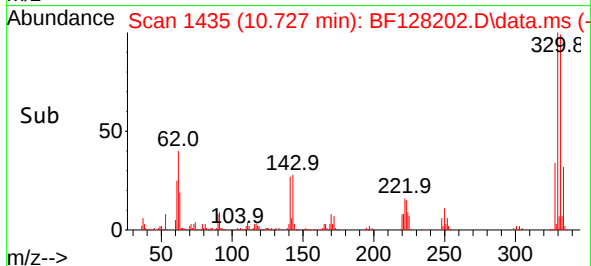
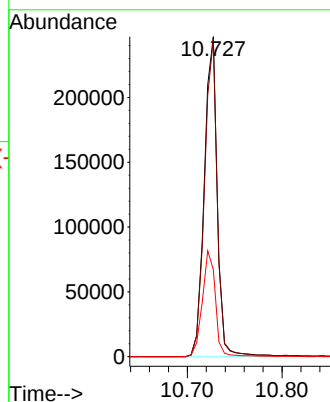
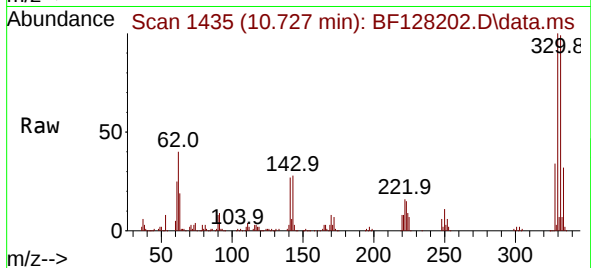
Tgt Ion:330 Resp: 235405

Ion Ratio Lower Upper

330 100

332 98.0 79.0 118.4

141 33.7 28.9 43.3



#45

2-Fluorobiphenyl

Concen: 62.015 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.006 min

Lab File: BF128202.D

Acq: 11 May 2022 18:49

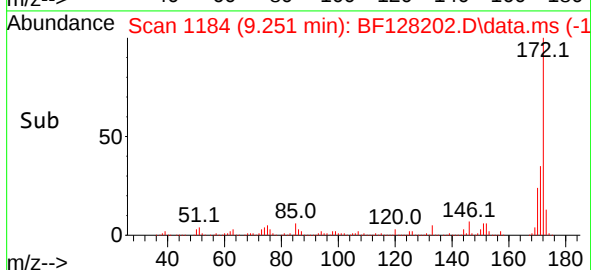
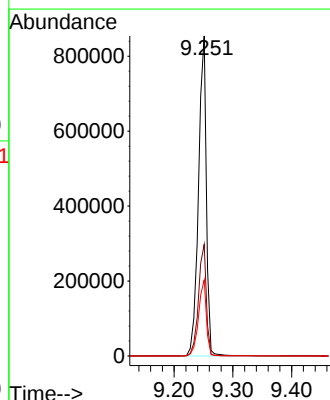
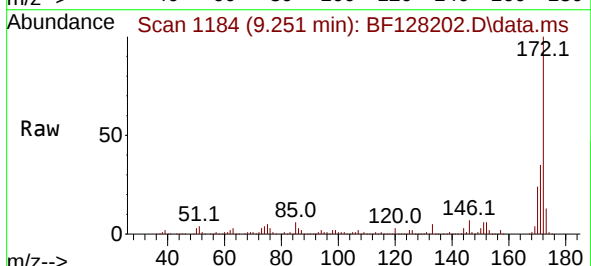
Tgt Ion:172 Resp: 791262

Ion Ratio Lower Upper

172 100

171 34.9 28.6 42.8

170 23.8 19.1 28.7





#51

2,6-Dinitrotoluene

Concen: 9.003 ng

RT: 9.933 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF128202.D

Acq: 11 May 2022 18:49

Instrument :

BNA_F

ClientSampleId :

SB04

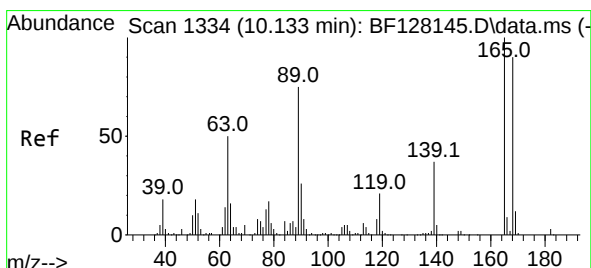
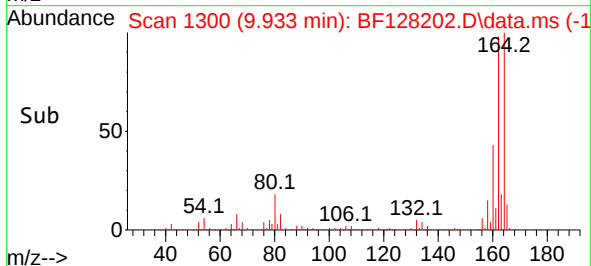
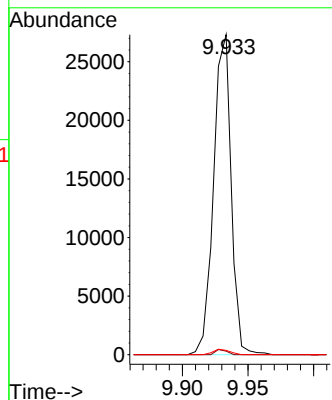
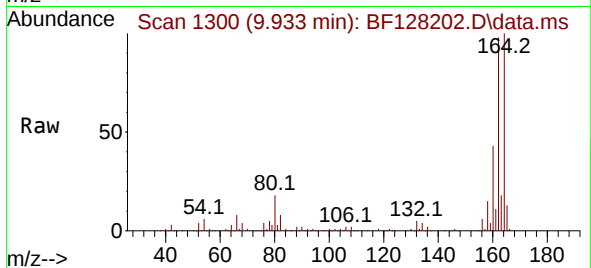
Tgt Ion:165 Resp: 25443

Ion Ratio Lower Upper

165 100

63 1.1 49.5 74.3#

89 1.4 49.0 73.4#



#57

2,4-Dinitrotoluene

Concen: 6.733 ng

RT: 9.933 min Scan# 1300

Delta R.T. -0.200 min

Lab File: BF128202.D

Acq: 11 May 2022 18:49

Tgt Ion:165 Resp: 25443

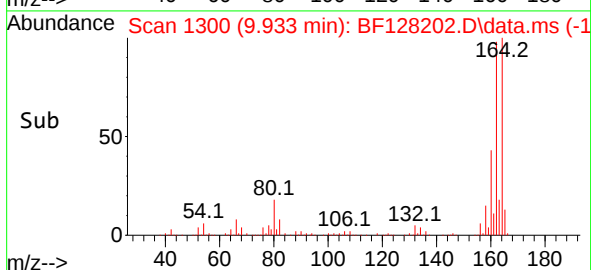
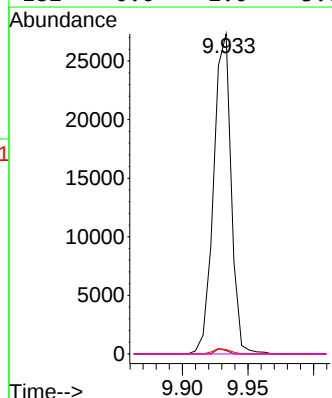
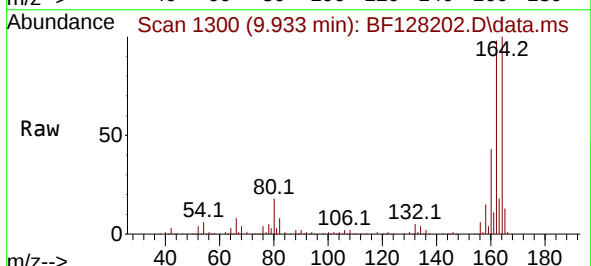
Ion Ratio Lower Upper

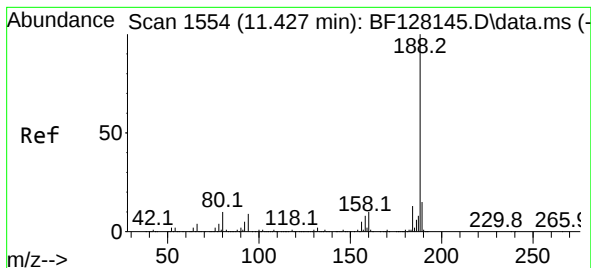
165 100

63 1.1 32.6 49.0#

89 1.4 55.2 82.8#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.421 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128202.D

Acq: 11 May 2022 18:49

Instrument :

BNA_F

ClientSampleId :

SB04

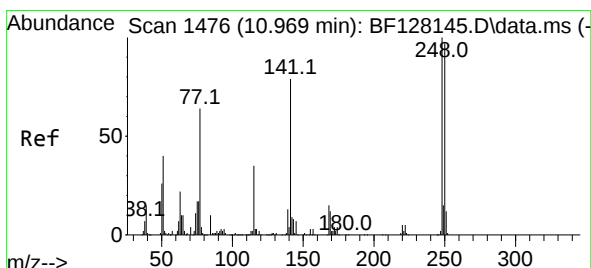
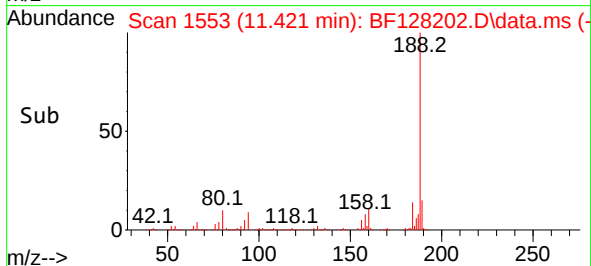
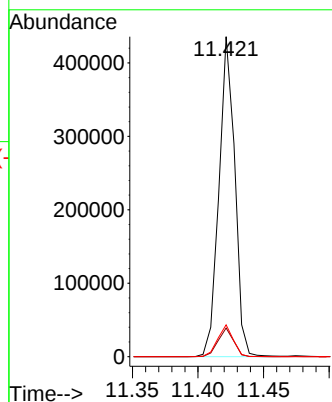
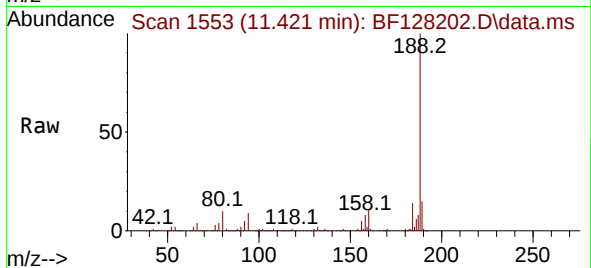
Tgt Ion:188 Resp: 365720

Ion Ratio Lower Upper

188 100

94 9.0 8.0 12.0

80 9.9 8.9 13.3



#67

4-Bromophenyl-phenylether

Concen: 3.523 ng

RT: 10.727 min Scan# 1435

Delta R.T. -0.241 min

Lab File: BF128202.D

Acq: 11 May 2022 18:49

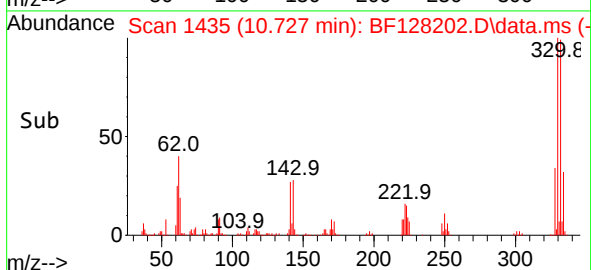
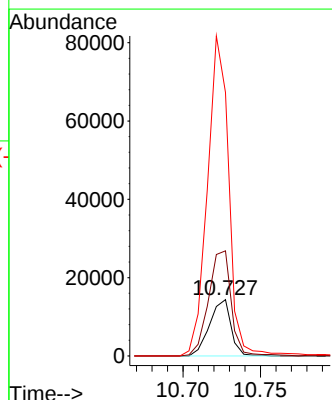
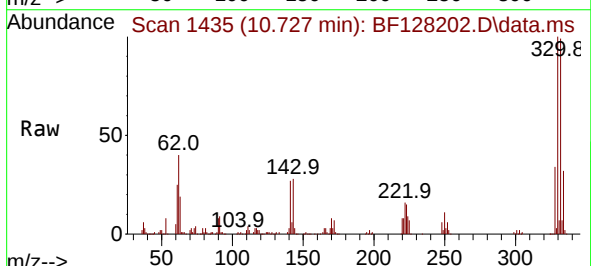
Tgt Ion:248 Resp: 13862

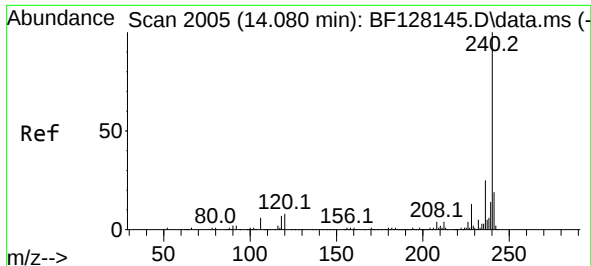
Ion Ratio Lower Upper

248 100

250 186.8 77.7 116.5#

141 468.2 65.6 98.4#

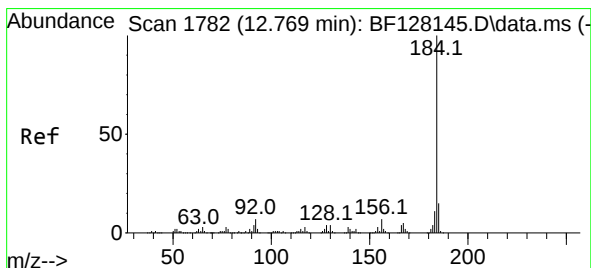
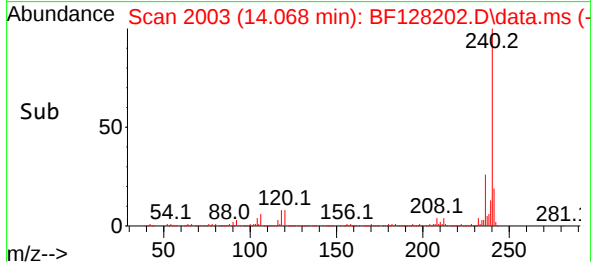
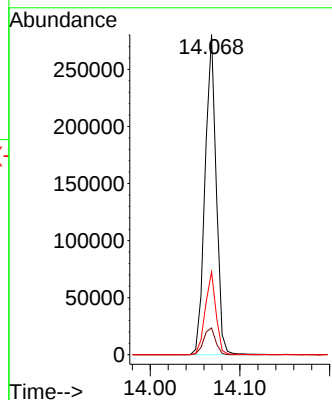
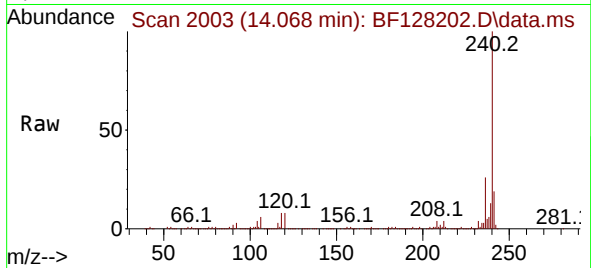




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF128202.D
Acq: 11 May 2022 18:49

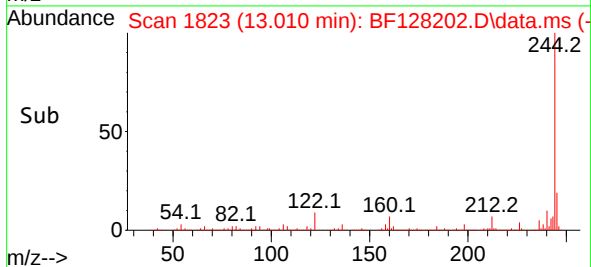
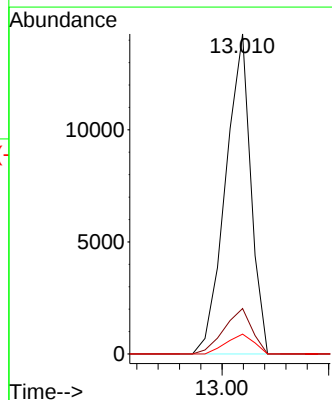
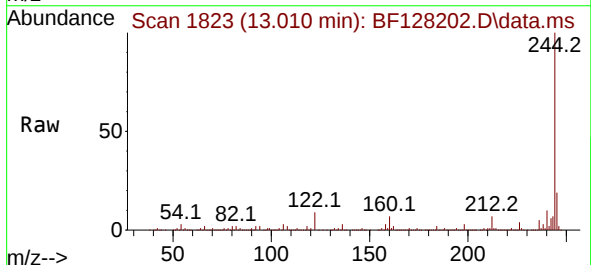
Instrument :
BNA_F
ClientSampleId :
SB04

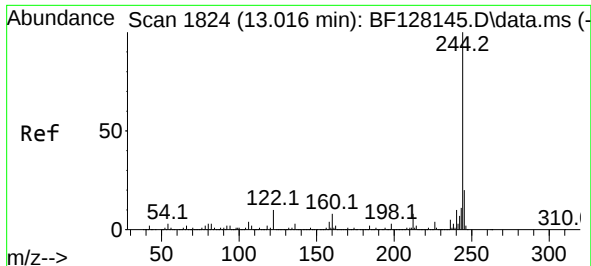
Tgt Ion:240 Resp: 241894
Ion Ratio Lower Upper
240 100
120 8.3 7.0 10.6
236 25.9 20.3 30.5



#77
Benzidine
Concen: 2.242 ng
RT: 13.010 min Scan# 1823
Delta R.T. 0.241 min
Lab File: BF128202.D
Acq: 11 May 2022 18:49

Tgt Ion:184 Resp: 11744
Ion Ratio Lower Upper
184 100
185 14.2 12.1 18.1
183 6.2 9.0 13.4#

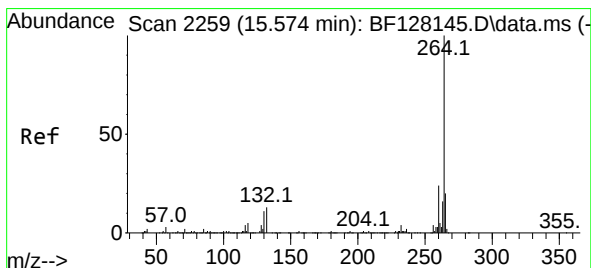
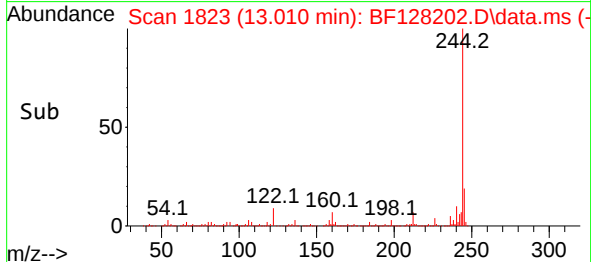
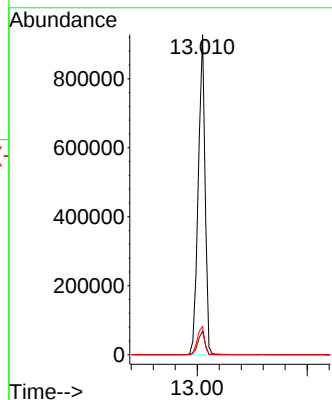
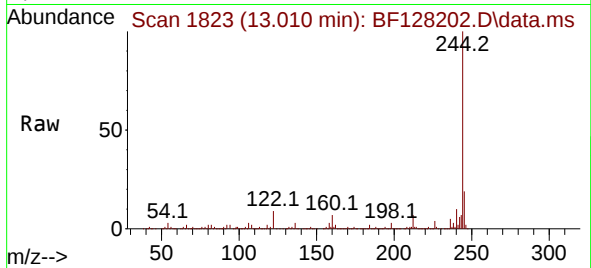




#79
 Terphenyl-d14
 Concen: 61.897 ng
 RT: 13.010 min Scan# 1824
 Delta R.T. -0.006 min
 Lab File: BF128202.D
 Acq: 11 May 2022 18:49

Instrument :
 BNA_F
 ClientSampleId :
 SB04

Tgt Ion:244 Resp: 797937
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.4
 122 8.8 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.562 min Scan# 2257
 Delta R.T. -0.012 min
 Lab File: BF128202.D
 Acq: 11 May 2022 18:49

Tgt Ion:264 Resp: 179515
 Ion Ratio Lower Upper
 264 100
 260 23.5 20.1 30.1
 265 22.2 17.5 26.3

