

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060722\
 Data File : BF128712.D
 Acq On : 07 Jun 2022 12:18
 Operator : CG\JU
 Sample : PB145347BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145347BL

Quant Time: Jun 08 00:25:51 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)

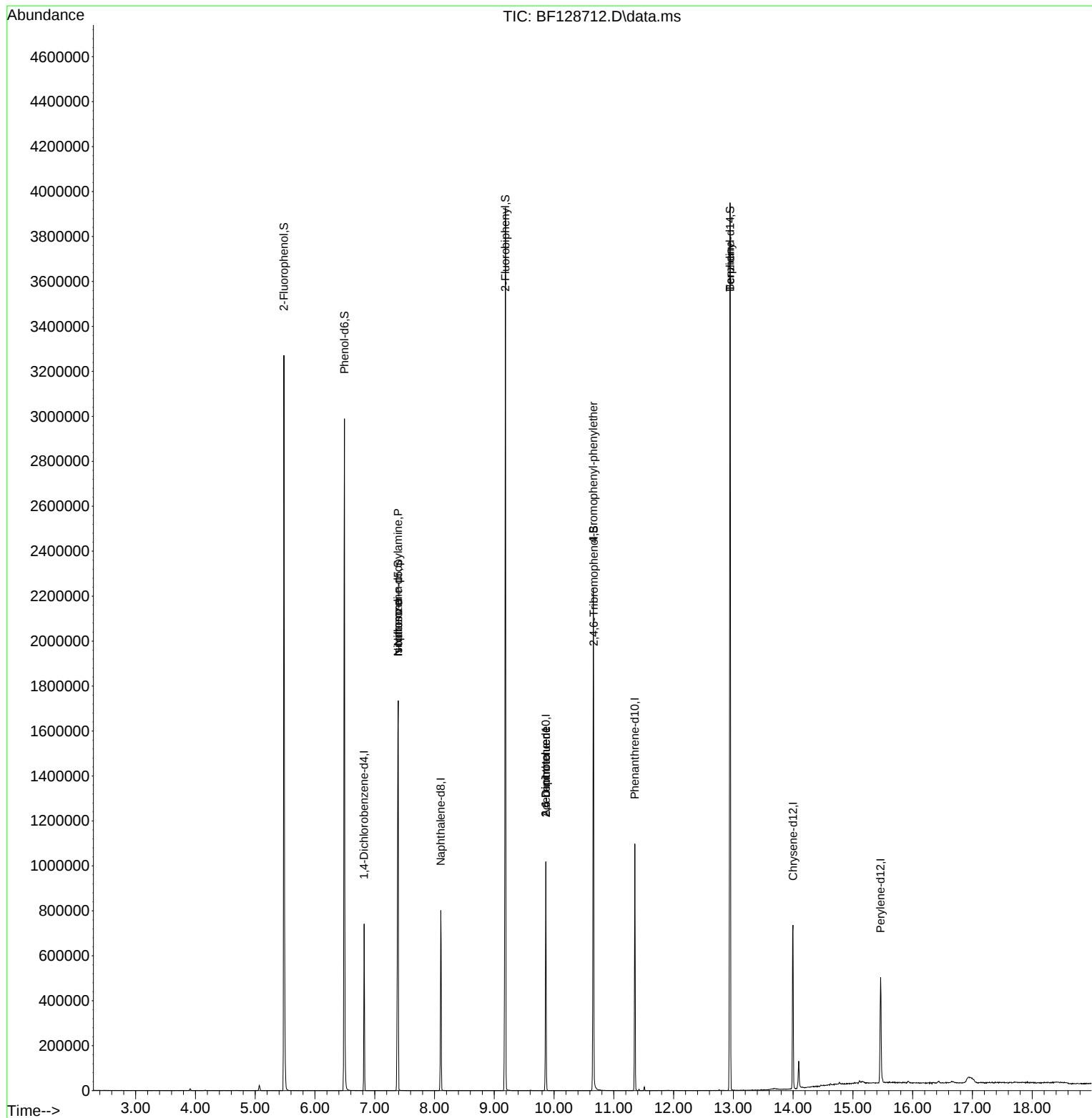
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	88197	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	343003	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	193602	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	361071	20.000	ng	0.00
76) Chrysene-d12	13.998	240	264606	20.000	ng	# 0.00
86) Perylene-d12	15.463	264	219147	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	746073	134.740	ng	0.00
7) Phenol-d6	6.493	99	859187	127.117	ng	0.00
23) Nitrobenzene-d5	7.392	82	618512	83.956	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	268146	117.222	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1183466	85.629	ng	0.00
79) Terphenyl-d14	12.945	244	1394734	91.591	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.392	70	89262	21.240	ng	# 78
25) Isophorone	7.392	82	617072	55.150	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	24703	9.445	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	24703	7.077	ng	# 22
67) 4-Bromophenyl-phenylether	10.657	248	17895	4.444	ng	# 1
77) Benzidine	12.945	184	20804	3.944	ng	# 93

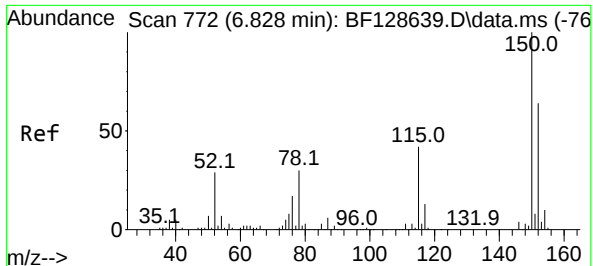
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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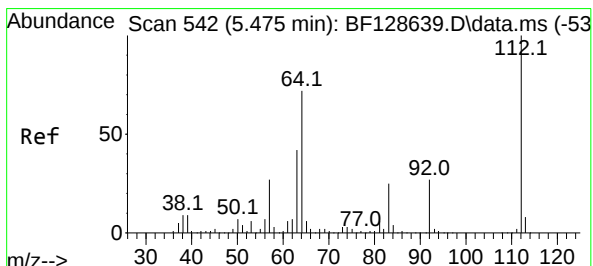
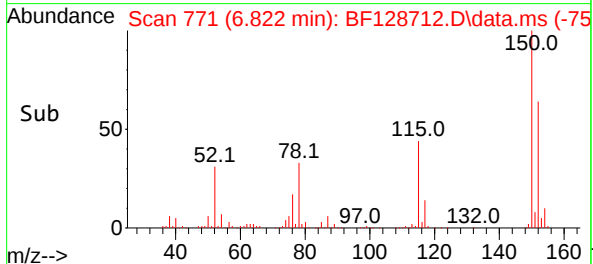
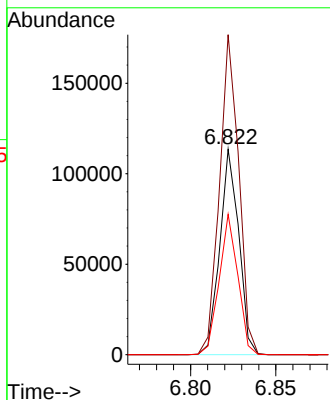
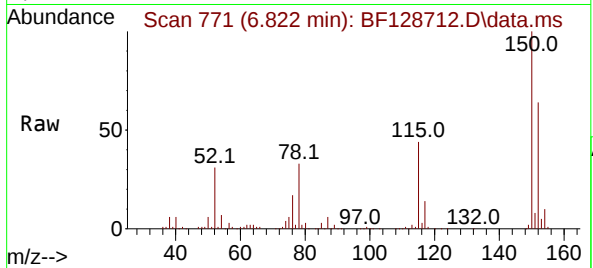




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128712.D
Acq: 07 Jun 2022 12:18

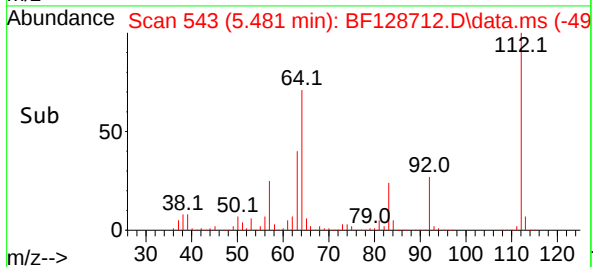
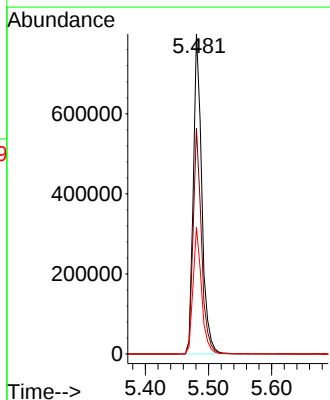
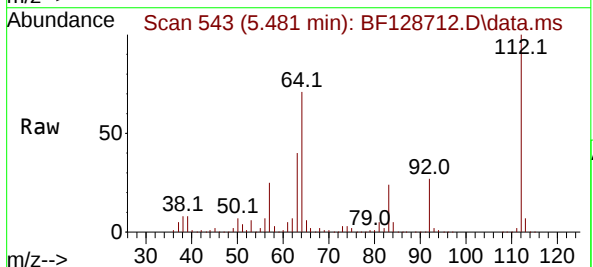
Instrument :
BNA_F
ClientSampleId :
PB145347BL

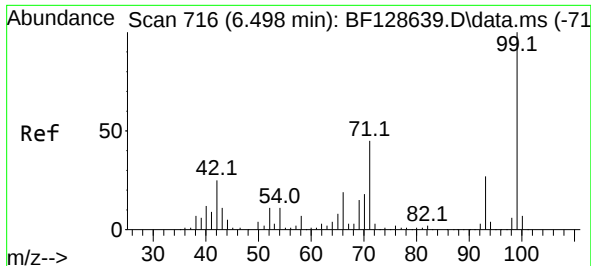
Tgt Ion:152 Resp: 88197
Ion Ratio Lower Upper
152 100
150 155.8 123.7 185.5
115 68.3 49.9 74.9



#5
2-Fluorophenol
Concen: 134.740 ng
RT: 5.481 min Scan# 543
Delta R.T. 0.006 min
Lab File: BF128712.D
Acq: 07 Jun 2022 12:18

Tgt Ion:112 Resp: 746073
Ion Ratio Lower Upper
112 100
64 70.5 53.3 79.9
63 39.7 28.0 42.0

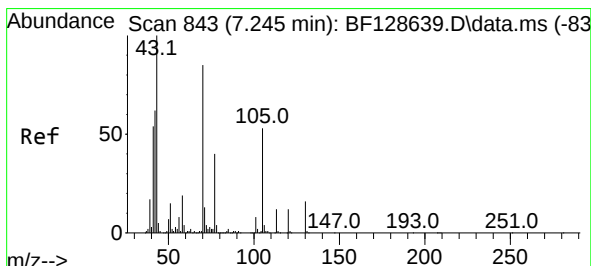
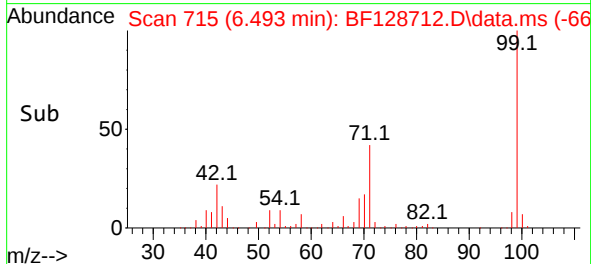
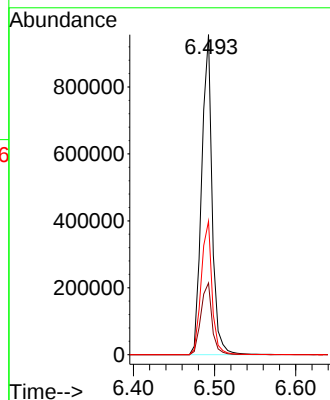
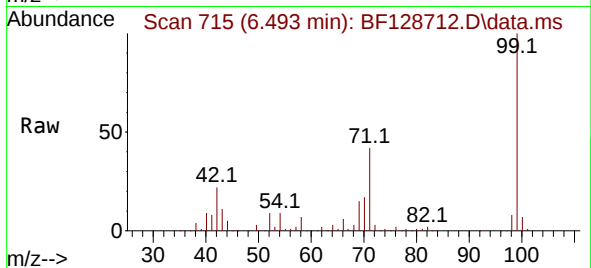




#7
Phenol-d6
Concen: 127.117 ng
RT: 6.493 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF128712.D
Acq: 07 Jun 2022 12:18

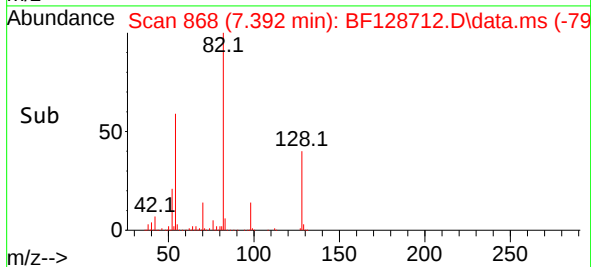
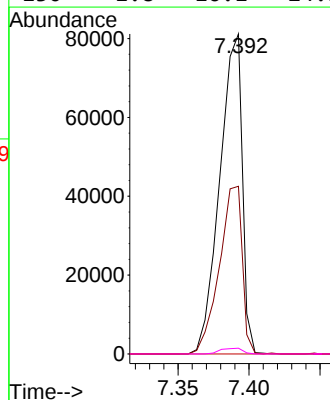
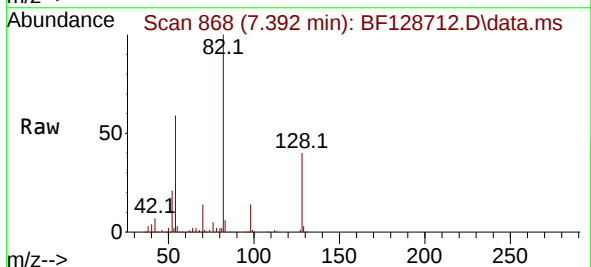
Instrument :
BNA_F
ClientSampleId :
PB145347BL

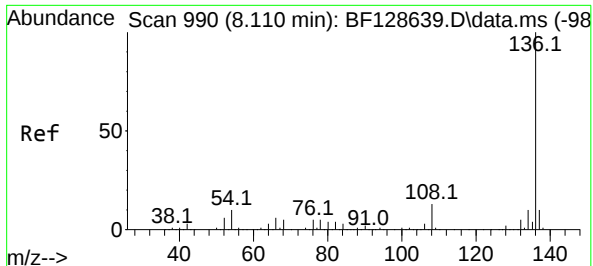
Tgt Ion: 99 Resp: 859187
Ion Ratio Lower Upper
99 100
42 22.4 17.3 25.9
71 41.7 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.240 ng
RT: 7.392 min Scan# 868
Delta R.T. 0.147 min
Lab File: BF128712.D
Acq: 07 Jun 2022 12:18

Tgt Ion: 70 Resp: 89262
Ion Ratio Lower Upper
70 100
42 52.4 52.3 78.5
101 0.0 7.5 11.3#
130 1.8 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: BF128712.D

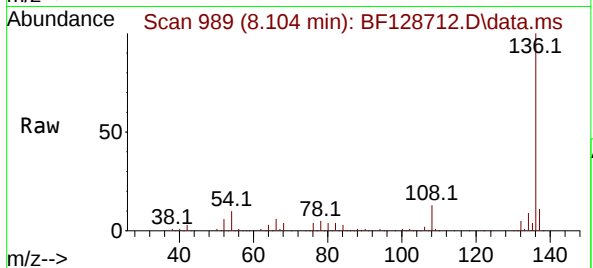
Acq: 07 Jun 2022 12:18

Instrument :

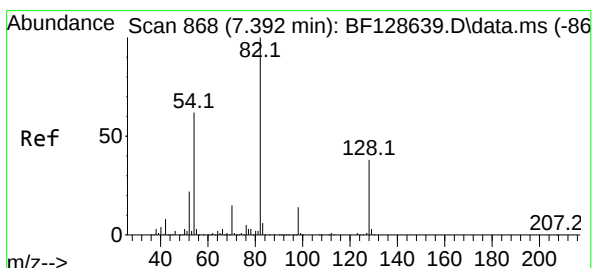
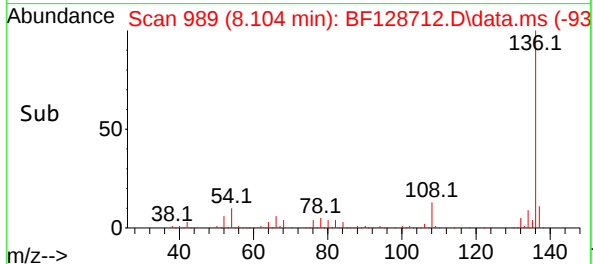
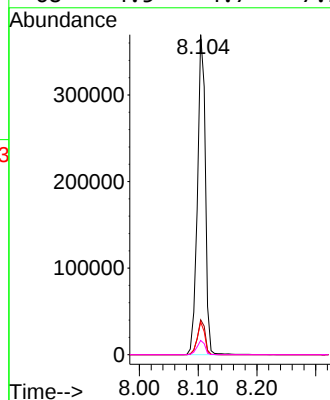
BNA_F

ClientSampleId :

PB145347BL



Tgt Ion:	136	Resp:	343003
Ion Ratio	100	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	10.2	7.5	11.3
68	4.5	4.7	7.1



#23

Nitrobenzene-d5

Concen: 83.956 ng

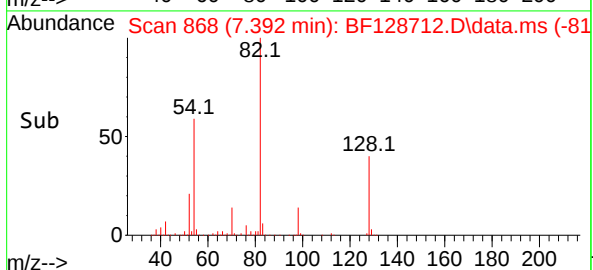
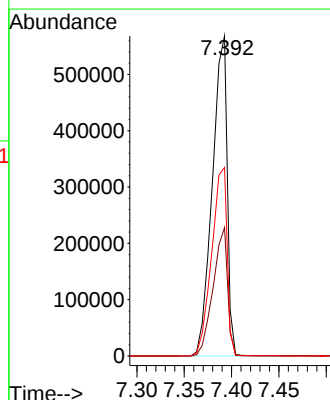
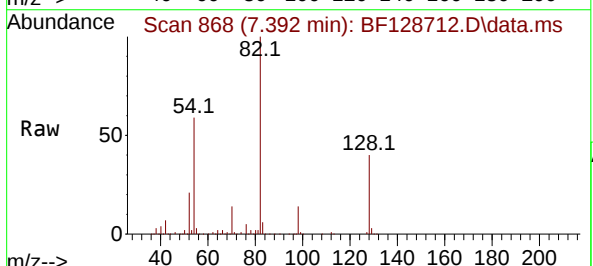
RT: 7.392 min Scan# 868

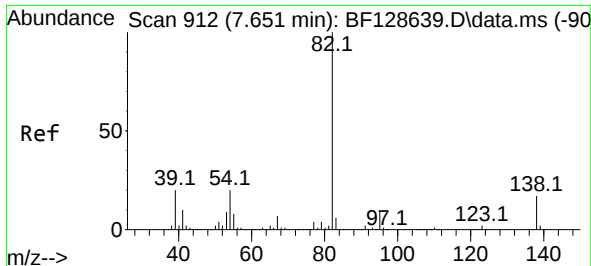
Delta R.T. 0.000 min

Lab File: BF128712.D

Acq: 07 Jun 2022 12:18

Tgt Ion:	82	Resp:	618512
Ion Ratio	100	Lower	Upper
82	100		
128	40.2	34.0	51.0
54	58.9	46.9	70.3

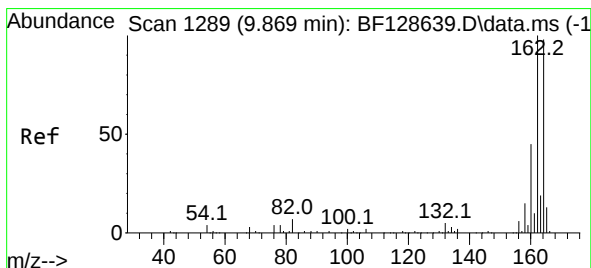
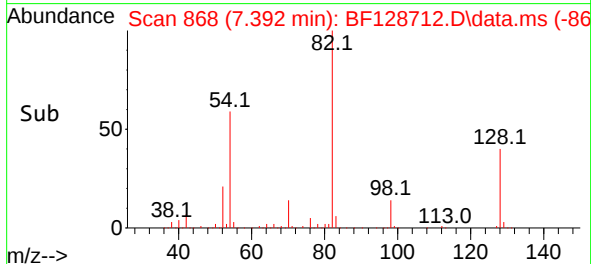
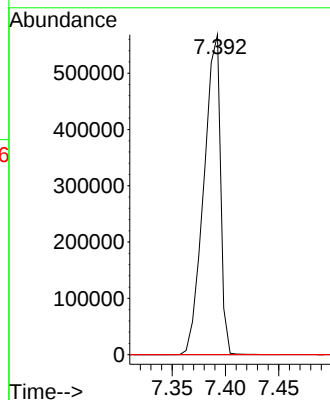
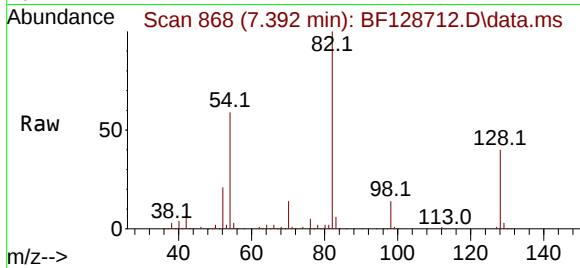




#25
Isophorone
Concen: 55.150 ng
RT: 7.392 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF128712.D
Acq: 07 Jun 2022 12:18

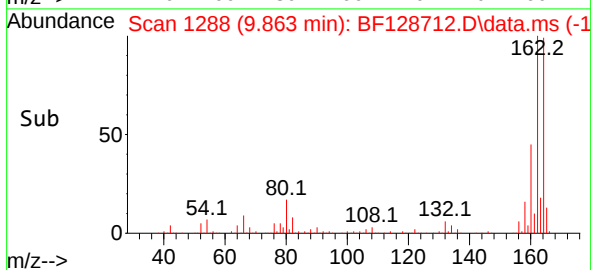
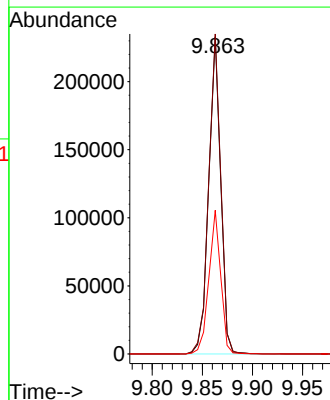
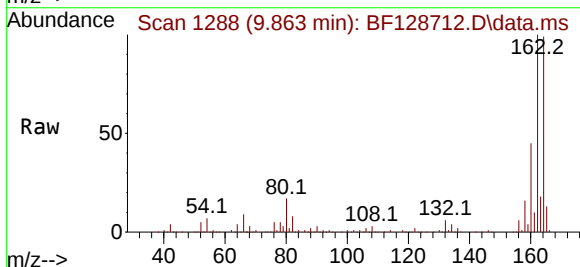
Instrument :
BNA_F
ClientSampleId :
PB145347BL

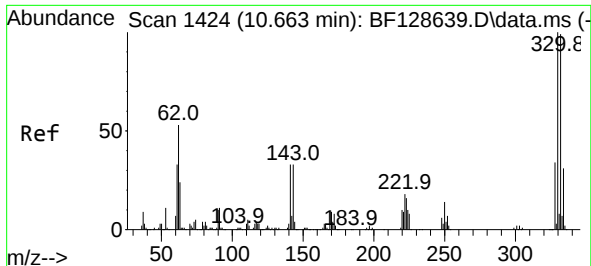
Tgt Ion: 82 Resp: 617072
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128712.D
Acq: 07 Jun 2022 12:18

Tgt Ion:164 Resp: 193602
Ion Ratio Lower Upper
164 100
162 100.9 79.5 119.3
160 45.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 117.222 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF128712.D

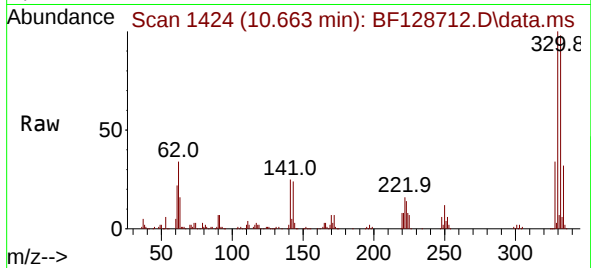
Acq: 07 Jun 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB145347BL



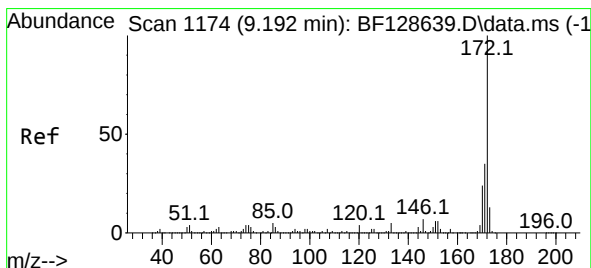
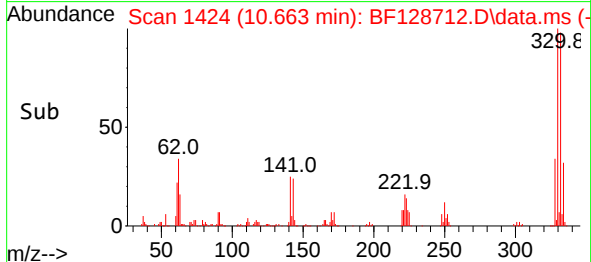
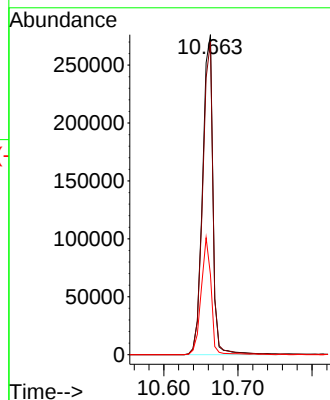
Tgt Ion:330 Resp: 268146

Ion Ratio Lower Upper

330 100

332 96.9 76.8 115.2

141 35.2 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 85.629 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128712.D

Acq: 07 Jun 2022 12:18

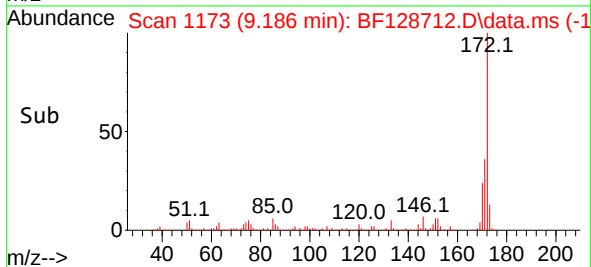
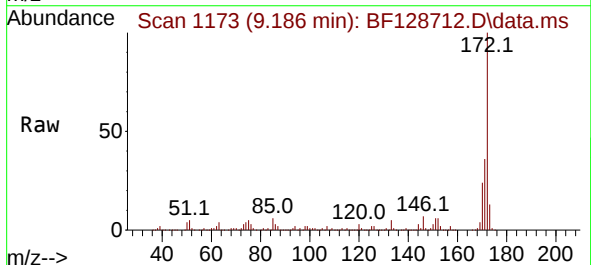
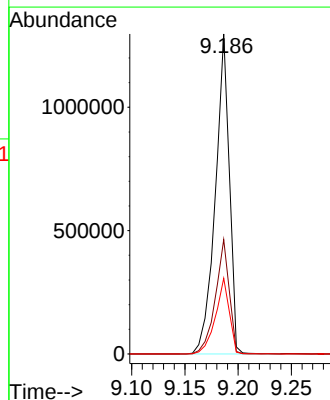
Tgt Ion:172 Resp: 1183466

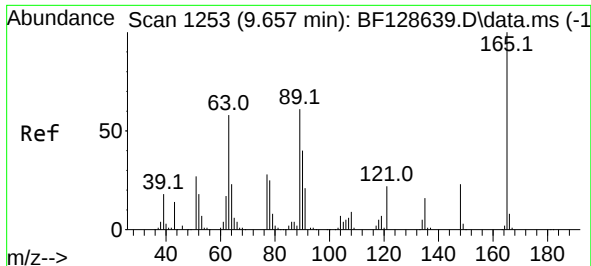
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.6 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.445 ng

RT: 9.863 min Scan# 1288

Delta R.T. 0.206 min

Lab File: BF128712.D

Acq: 07 Jun 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB145347BL

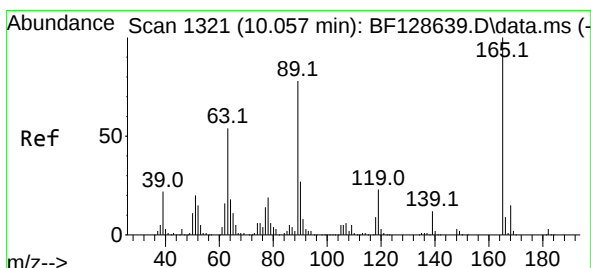
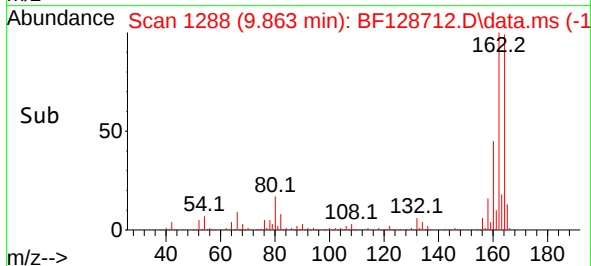
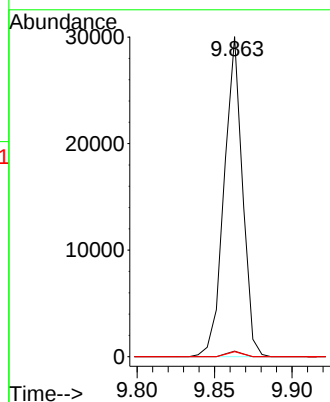
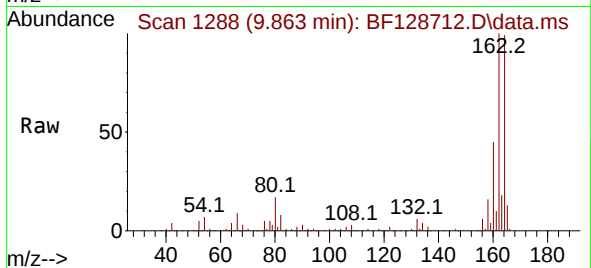
Tgt Ion:165 Resp: 24703

Ion Ratio Lower Upper

165 100

63 1.8 44.9 67.3#

89 1.5 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.077 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.194 min

Lab File: BF128712.D

Acq: 07 Jun 2022 12:18

Tgt Ion:165 Resp: 24703

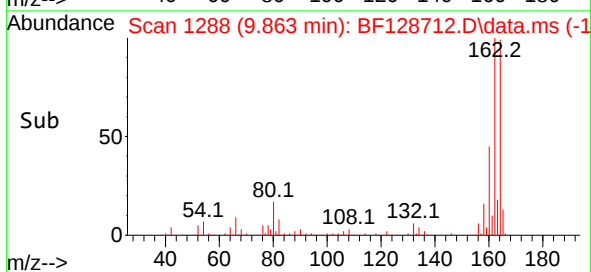
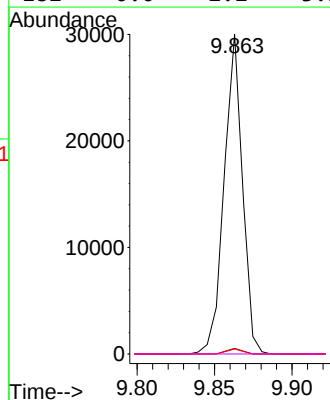
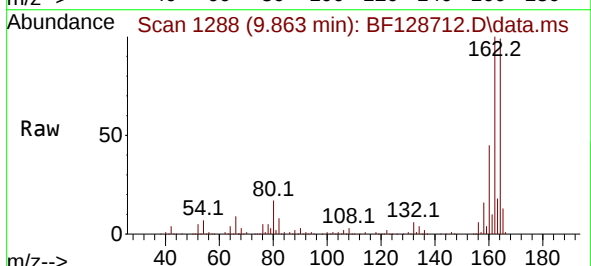
Ion Ratio Lower Upper

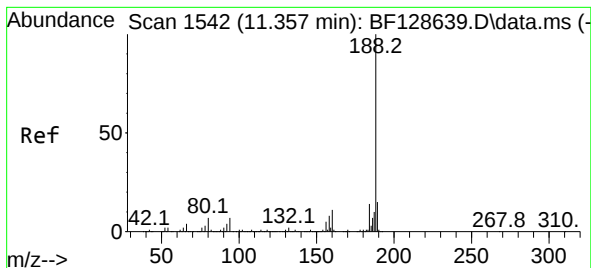
165 100

63 1.8 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: 11.351 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF128712.D

Acq: 07 Jun 2022 12:18

Instrument :

BNA_F

ClientSampleId :

PB145347BL

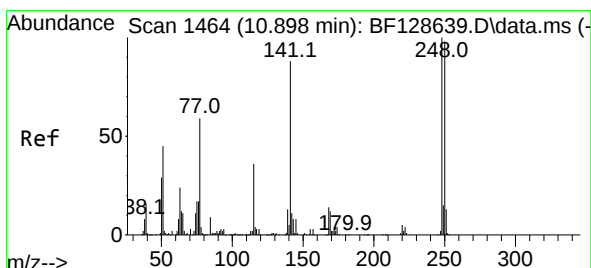
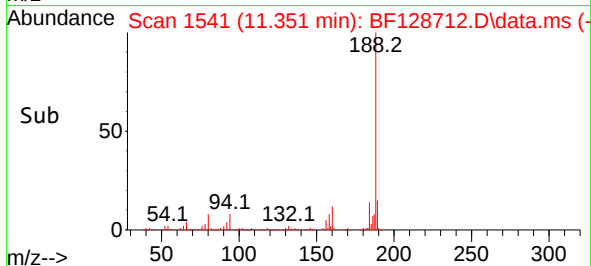
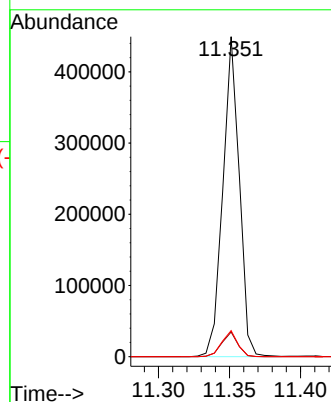
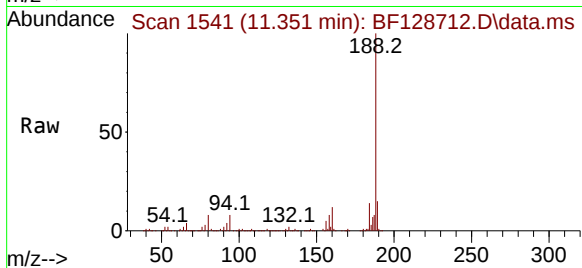
Tgt Ion:188 Resp: 361071

Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.6

80 8.1 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.444 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.241 min

Lab File: BF128712.D

Acq: 07 Jun 2022 12:18

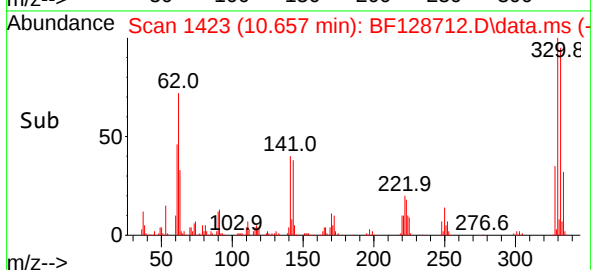
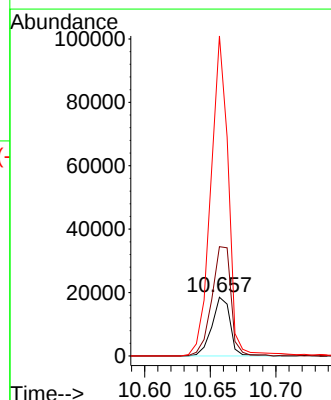
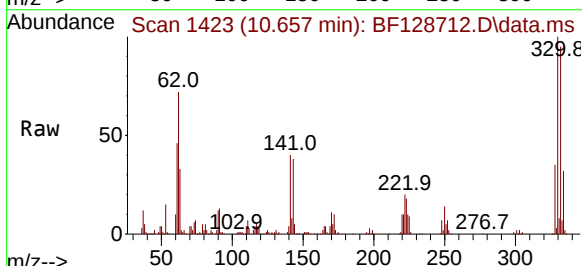
Tgt Ion:248 Resp: 17895

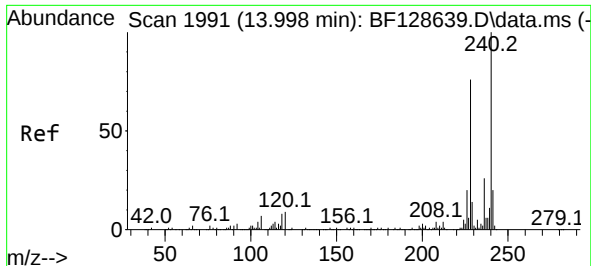
Ion Ratio Lower Upper

248 100

250 186.1 80.6 120.8#

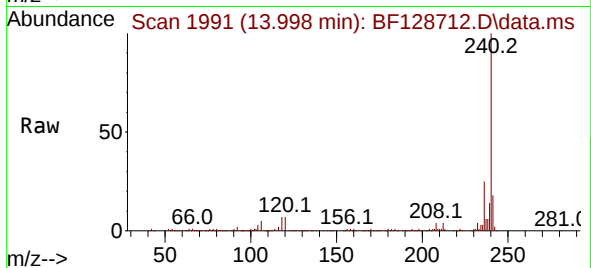
141 545.2 58.9 88.3#



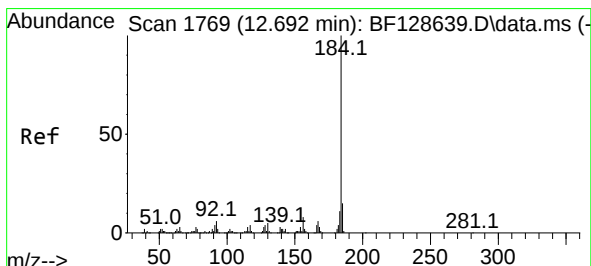
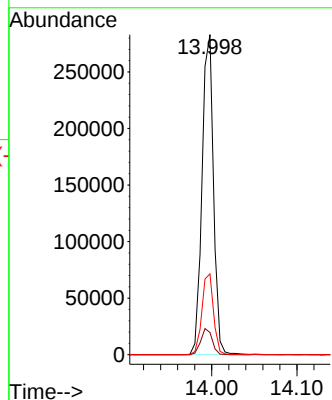
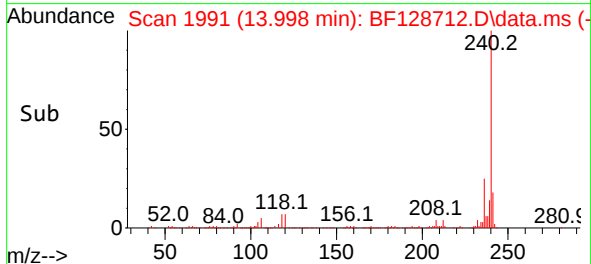


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 1812
Delta R.T. -0.000 min
Lab File: BF128712.D
Acq: 07 Jun 2022 12:18

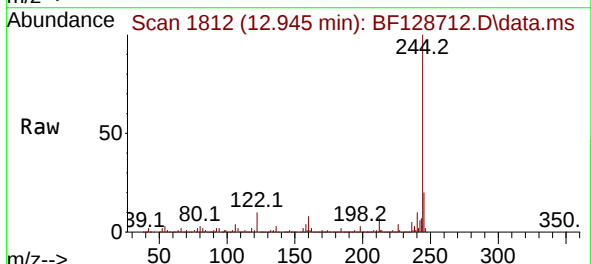
Instrument :
BNA_F
ClientSampleId :
PB145347BL



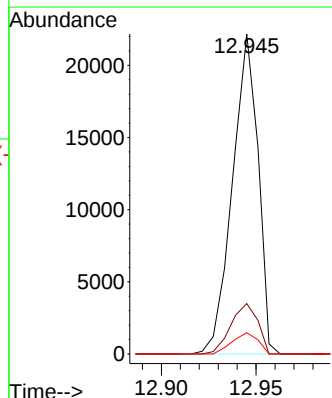
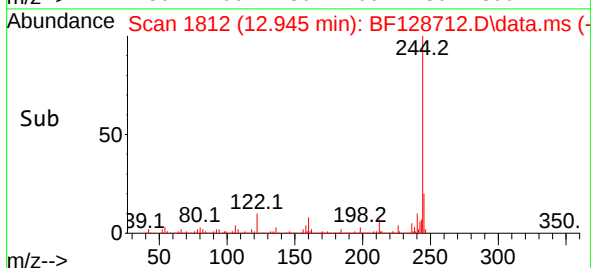
Tgt Ion:240 Resp: 264606
Ion Ratio Lower Upper
240 100
120 6.9 8.9 13.3#
236 25.3 20.8 31.2

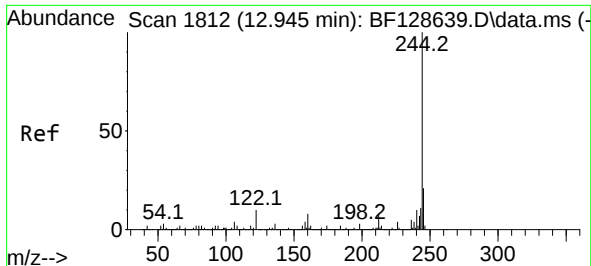


#77
Benzidine
Concen: 3.944 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.253 min
Lab File: BF128712.D
Acq: 07 Jun 2022 12:18



Tgt Ion:184 Resp: 20804
Ion Ratio Lower Upper
184 100
185 15.7 11.9 17.9
183 6.7 9.3 13.9#

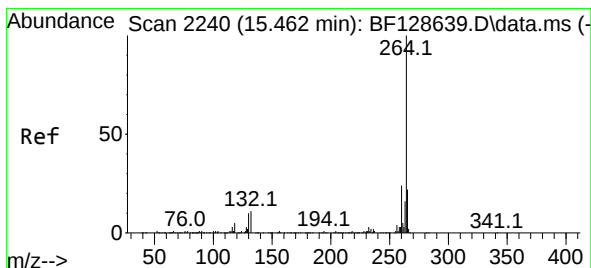
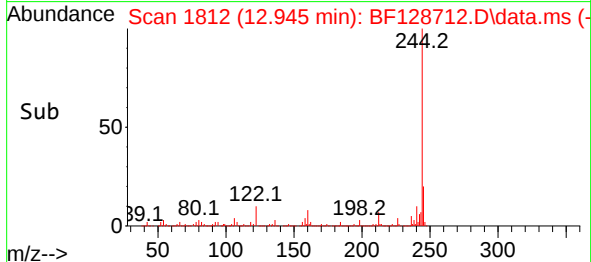
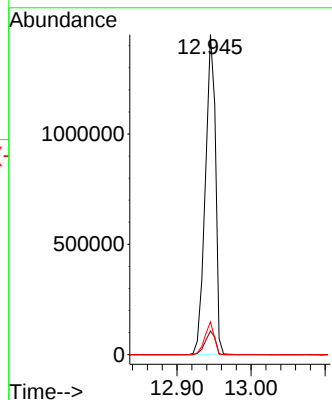
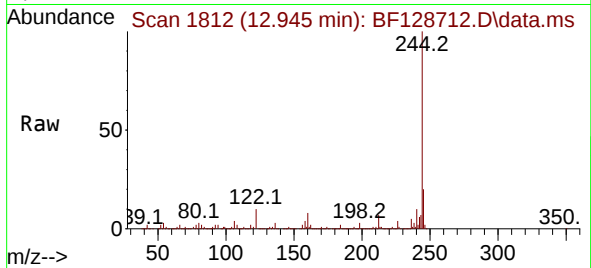




#79
 Terphenyl-d14
 Concen: 91.591 ng
 RT: 12.945 min Scan# 1812
 Delta R.T. 0.000 min
 Lab File: BF128712.D
 Acq: 07 Jun 2022 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB145347BL

Tgt Ion:244 Resp: 1394734
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 10.2 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2240
 Delta R.T. 0.001 min
 Lab File: BF128712.D
 Acq: 07 Jun 2022 12:18

Tgt Ion:264 Resp: 219147
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.4 27.6
 265 21.6 17.2 25.8

