

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
 Data File : BF128799.D
 Acq On : 14 Jun 2022 14:04
 Operator : CG\JU
 Sample : PB145513BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145513BL

Quant Time: Jun 15 01:01:04 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)

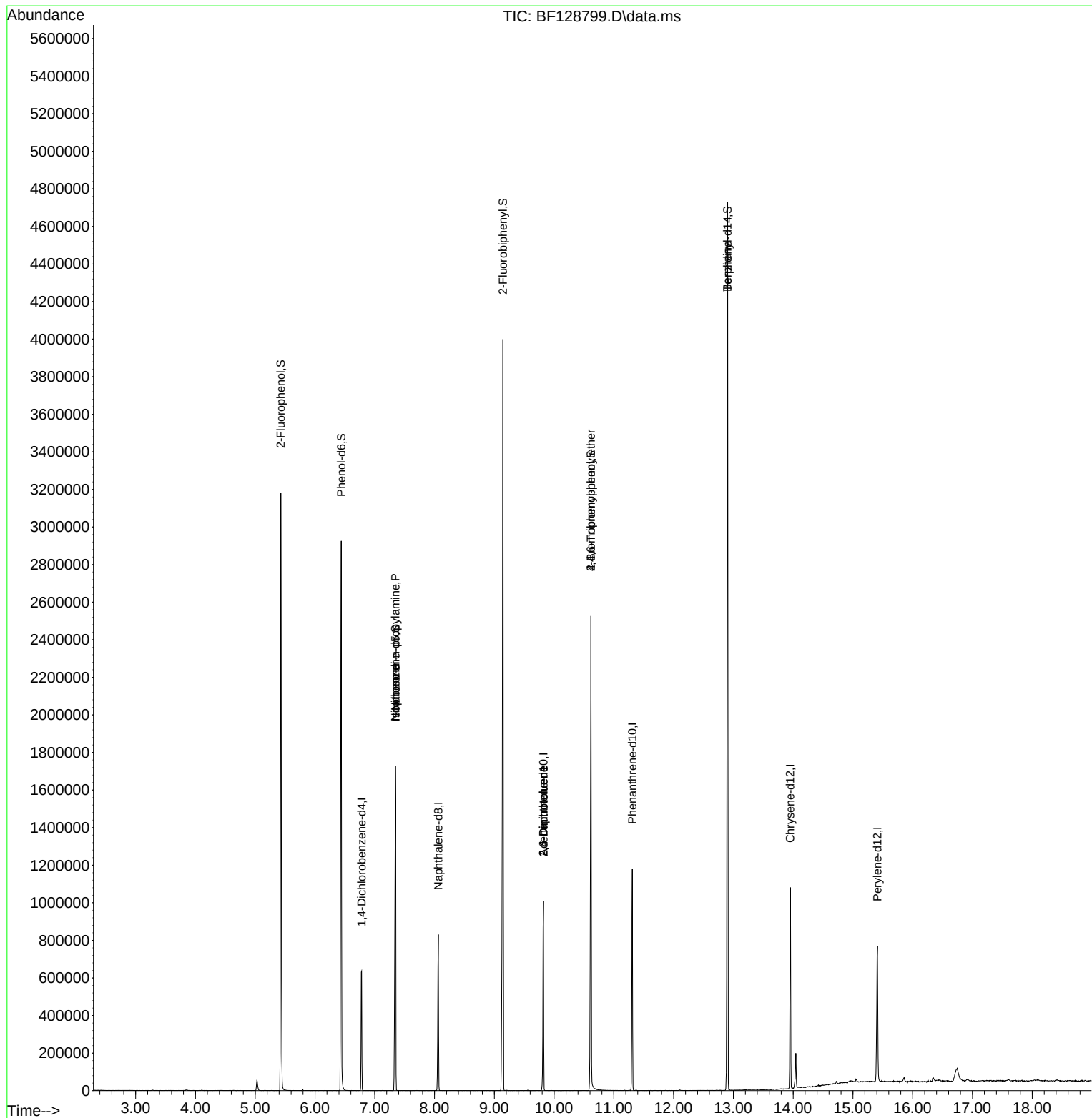
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.780	152	93107	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	359320	20.000	ng	# 0.00
39) Acenaphthene-d10	9.821	164	208803	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	410959	20.000	ng	# 0.00
76) Chrysene-d12	13.951	240	364662	20.000	ng	#-0.01
86) Perylene-d12	15.409	264	337128	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	767773	131.347	ng	0.01
7) Phenol-d6	6.439	99	923290	129.398	ng	0.00
23) Nitrobenzene-d5	7.345	82	659750	85.487	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	319961	129.691	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1303931	87.477	ng	0.00
79) Terphenyl-d14	12.904	244	1719366	81.929	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.345	70	93719	21.125	ng	# 76
25) Isophorone	7.345	82	659196	56.239	ng	# 65
51) 2,6-Dinitrotoluene	9.821	165	27903	9.892	ng	# 25
57) 2,4-Dinitrotoluene	9.821	165	27903	7.412	ng	# 21
67) 4-Bromophenyl-phenylether	10.616	248	20891	4.558	ng	# 1
77) Benzidine	12.904	184	24653	3.391	ng	# 91

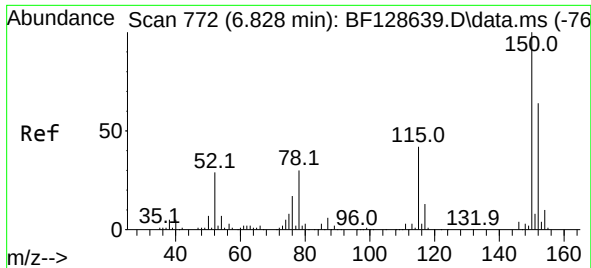
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061422\
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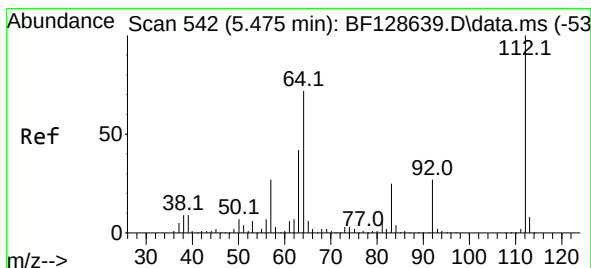
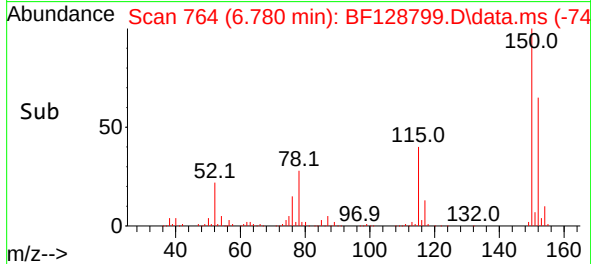
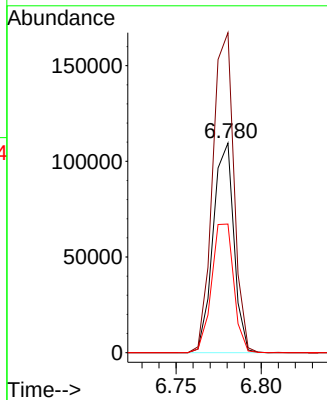
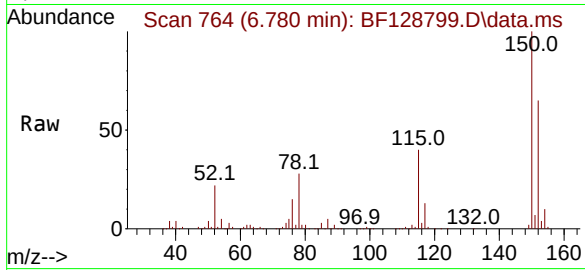




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.780 min Scan# 70
Delta R.T. -0.001 min
Lab File: BF128799.D
Acq: 14 Jun 2022 14:04

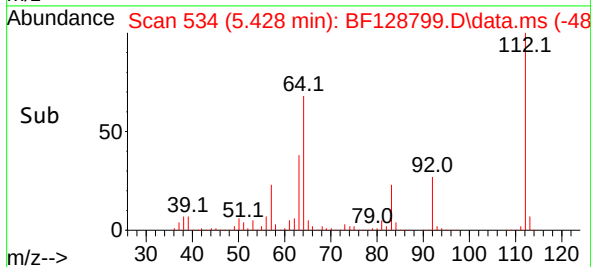
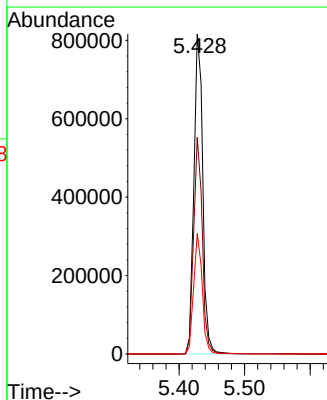
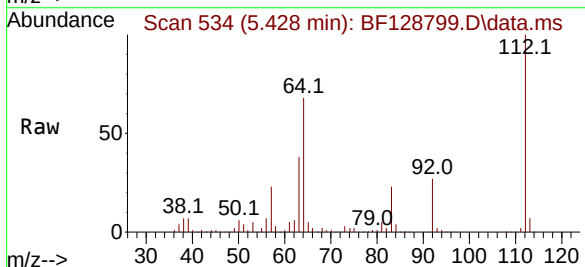
Instrument :
BNA_F
ClientSampleId :
PB145513BL

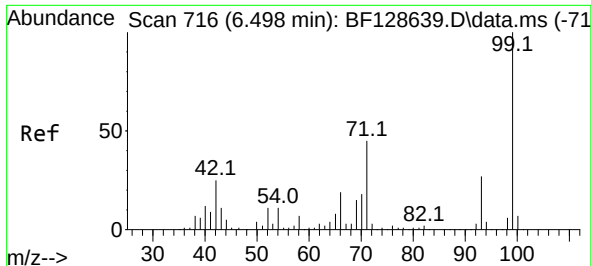
Tgt Ion:152 Resp: 93107
Ion Ratio Lower Upper
152 100
150 152.7 123.7 185.5
115 61.4 49.9 74.9



#5
2-Fluorophenol
Concen: 131.347 ng
RT: 5.428 min Scan# 534
Delta R.T. 0.012 min
Lab File: BF128799.D
Acq: 14 Jun 2022 14:04

Tgt Ion:112 Resp: 767773
Ion Ratio Lower Upper
112 100
64 67.6 53.3 79.9
63 37.7 28.0 42.0

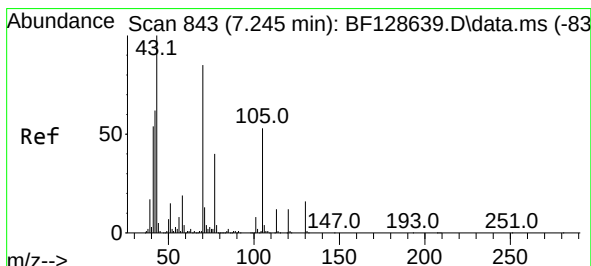
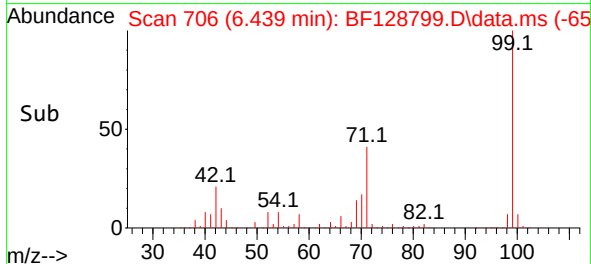
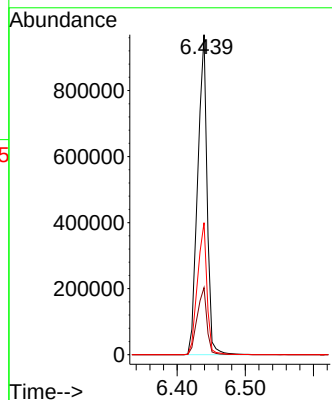
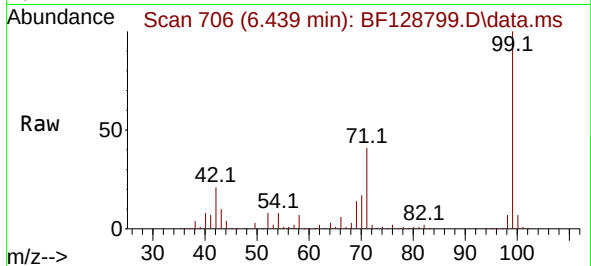




#7
Phenol-d6
Concen: 129.398 ng
RT: 6.439 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128799.D
Acq: 14 Jun 2022 14:04

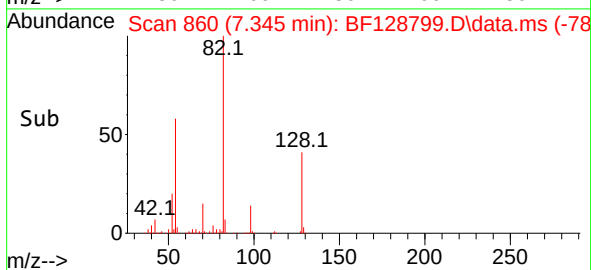
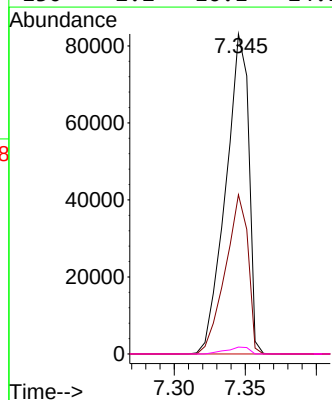
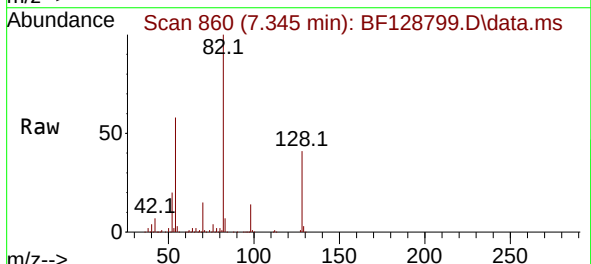
Instrument :
BNA_F
ClientSampleId :
PB145513BL

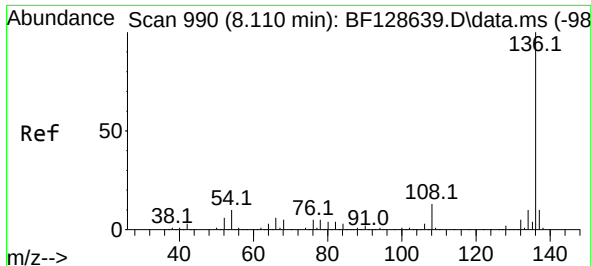
Tgt Ion: 99 Resp: 923290
Ion Ratio Lower Upper
99 100
42 21.0 17.3 25.9
71 41.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 21.125 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF128799.D
Acq: 14 Jun 2022 14:04

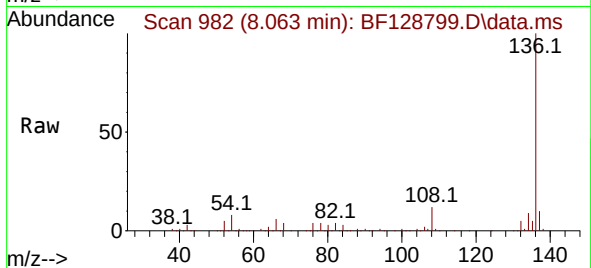
Tgt Ion: 70 Resp: 93719
Ion Ratio Lower Upper
70 100
42 49.8 52.3 78.5#
101 0.0 7.5 11.3#
130 2.2 16.1 24.1#



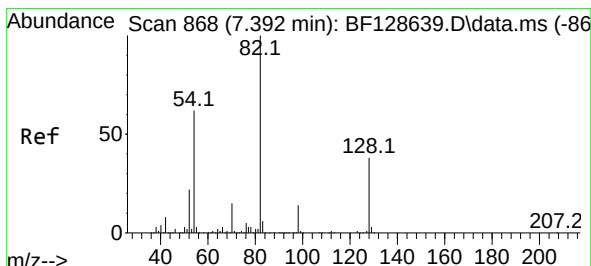
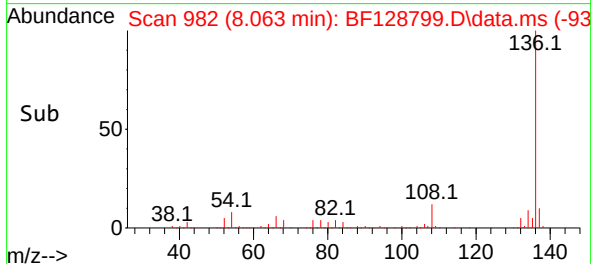
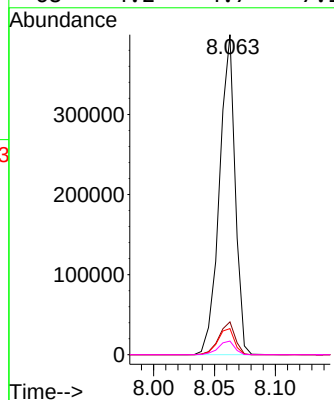


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128799.D
Acq: 14 Jun 2022 14:04

Instrument :
BNA_F
ClientSampleId :
PB145513BL

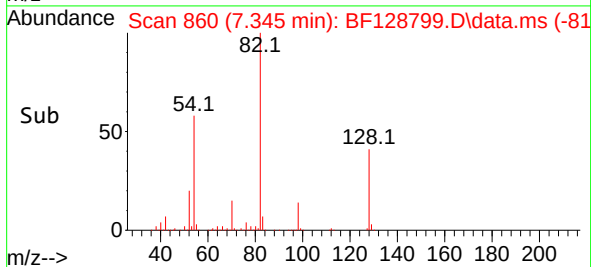
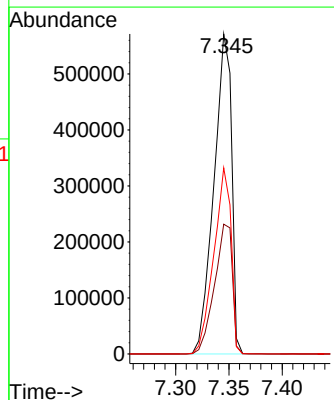
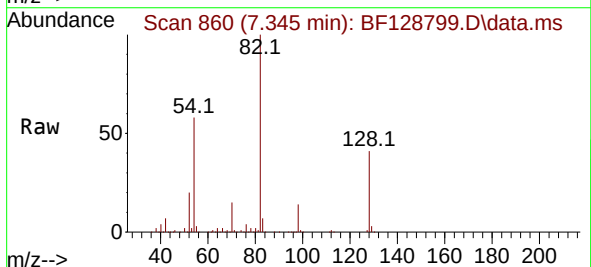


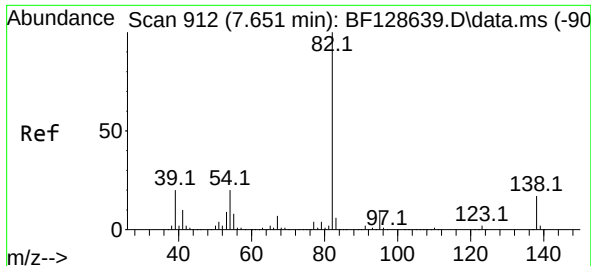
Tgt Ion:136 Resp: 359320
Ion Ratio Lower Upper
136 100
137 10.2 8.8 13.2
54 8.1 7.5 11.3
68 4.2 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 85.487 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF128799.D
Acq: 14 Jun 2022 14:04

Tgt Ion: 82 Resp: 659750
Ion Ratio Lower Upper
82 100
128 40.5 34.0 51.0
54 58.1 46.9 70.3

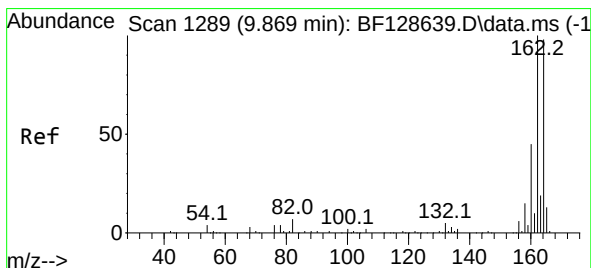
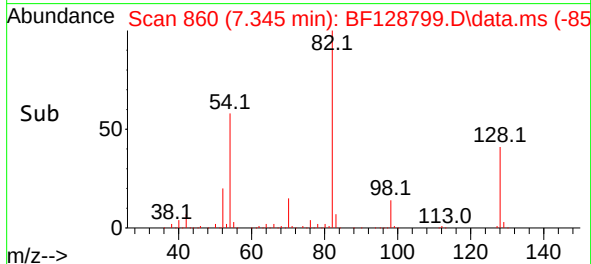
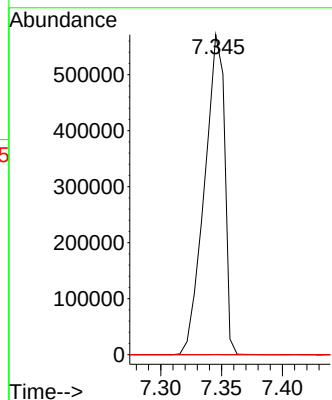
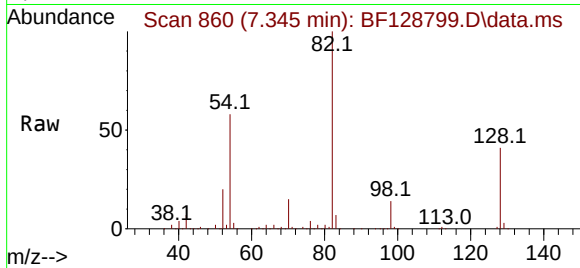




#25
Isophorone
Concen: 56.239 ng
RT: 7.345 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128799.D
Acq: 14 Jun 2022 14:04

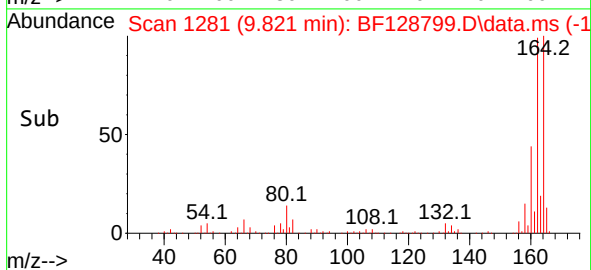
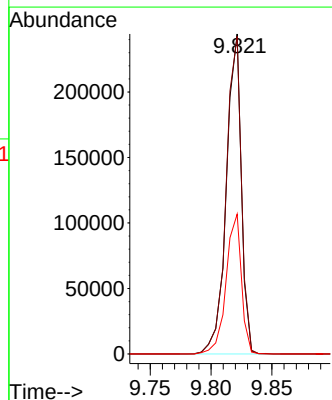
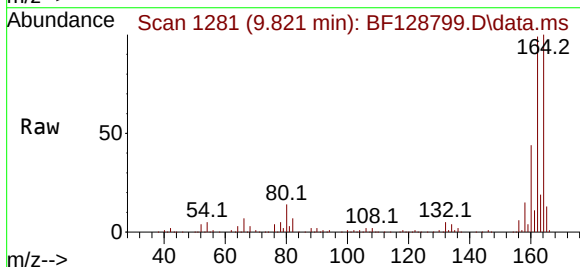
Instrument :
BNA_F
ClientSampleId :
PB145513BL

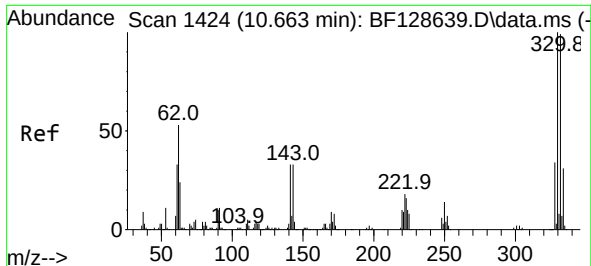
Tgt Ion: 82 Resp: 659196
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.821 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF128799.D
Acq: 14 Jun 2022 14:04

Tgt Ion: 164 Resp: 208803
Ion Ratio Lower Upper
164 100
162 99.3 79.5 119.3
160 43.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 129.691 ng

RT: 10.616 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF128799.D

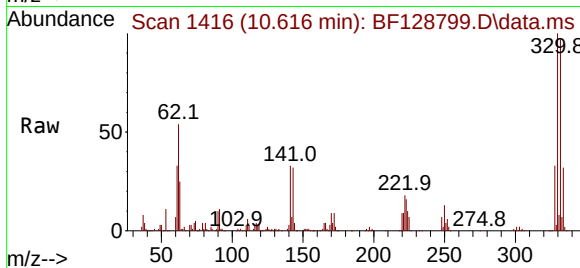
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Instrument :

BNA_F

ClientSampleId :

PB145513BL



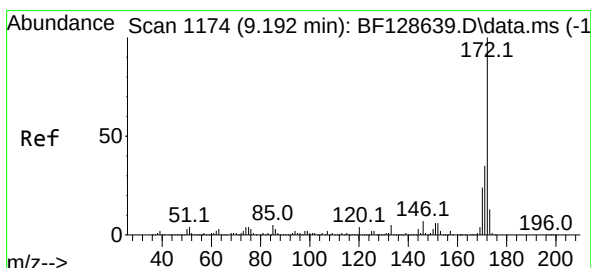
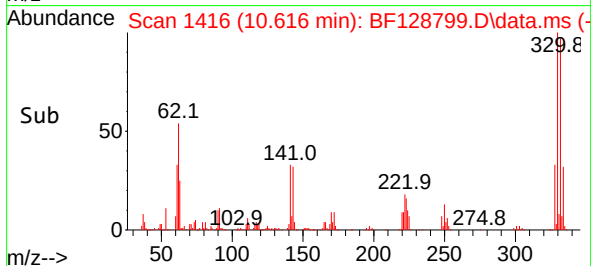
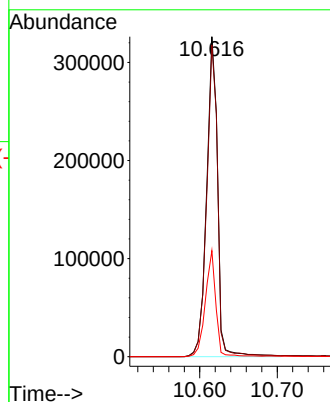
Tgt Ion:330 Resp: 319961

Ion Ratio Lower Upper

330 100

332 98.7 76.8 115.2

141 31.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 87.477 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF128799.D

Acq: 14 Jun 2022 14:04

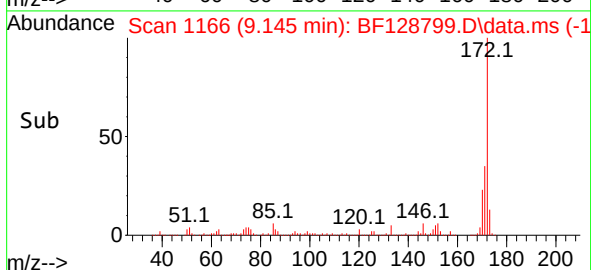
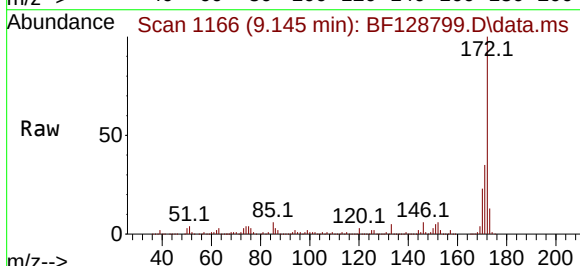
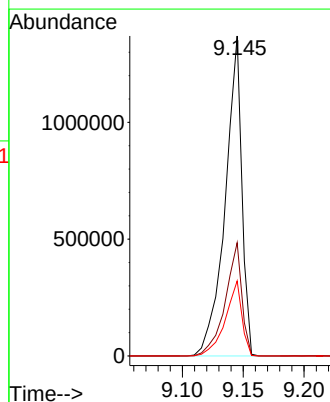
Tgt Ion:172 Resp: 1303931

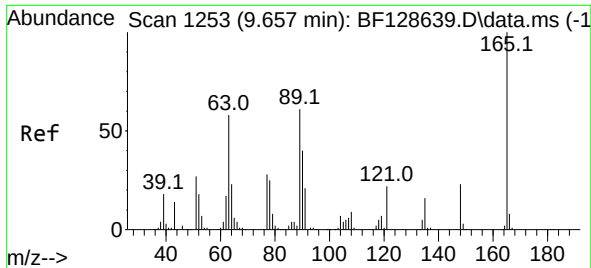
Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.4 19.8 29.8

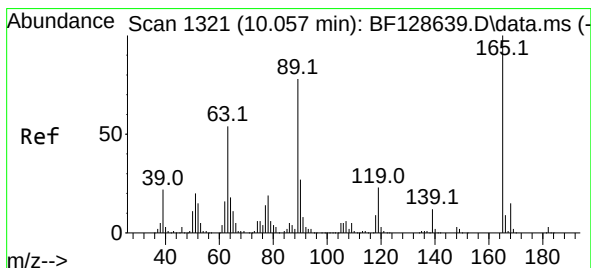
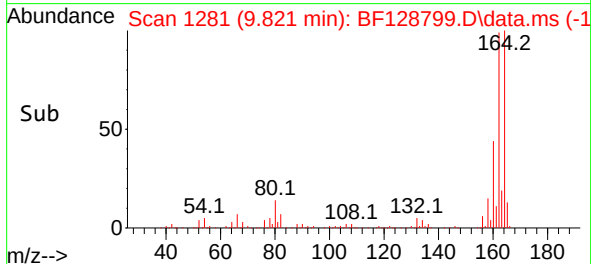
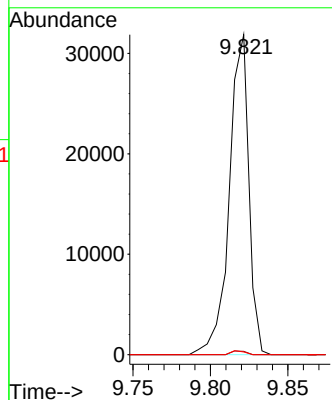
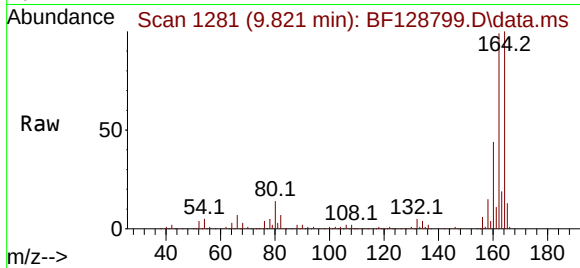




#51
2,6-Dinitrotoluene
Concen: 9.892 ng
RT: 9.821 min Scan# 1281
Delta R.T. 0.206 min
Lab File: BF128799.D
Acq: 14 Jun 2022 14:04

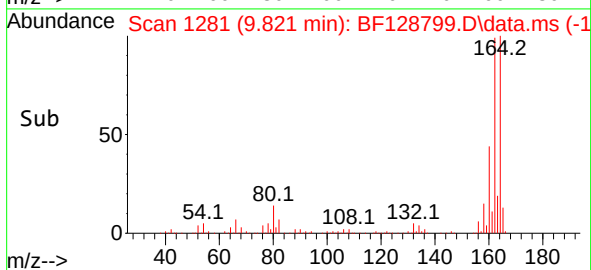
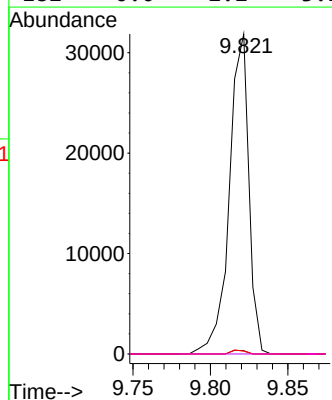
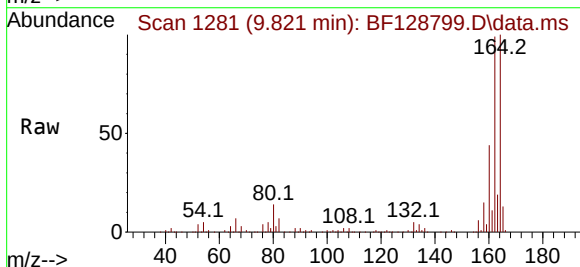
Instrument :
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PB145513BL

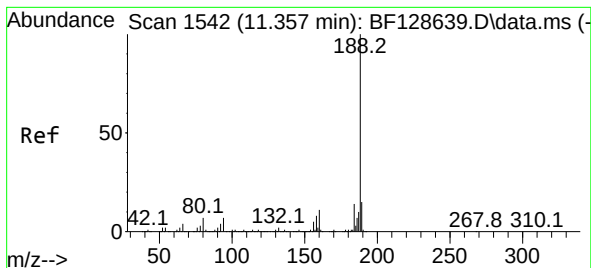
Tgt Ion:165 Resp: 27903
Ion Ratio Lower Upper
165 100
63 1.0 44.9 67.3#
89 0.8 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.412 ng
RT: 9.821 min Scan# 1281
Delta R.T. -0.200 min
Lab File: BF128799.D
Acq: 14 Jun 2022 14:04

Tgt Ion:165 Resp: 27903
Ion Ratio Lower Upper
165 100
63 1.0 39.8 59.6#
89 0.8 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128799.D

Acq: 14 Jun 2022 14:04

Instrument :

BNA_F

ClientSampleId :

PB145513BL

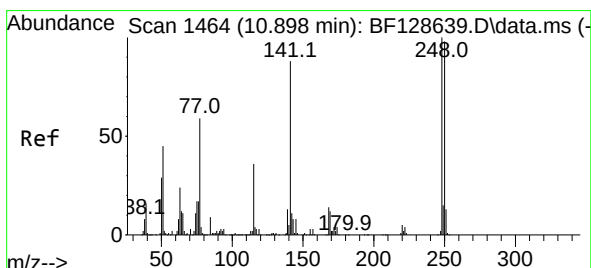
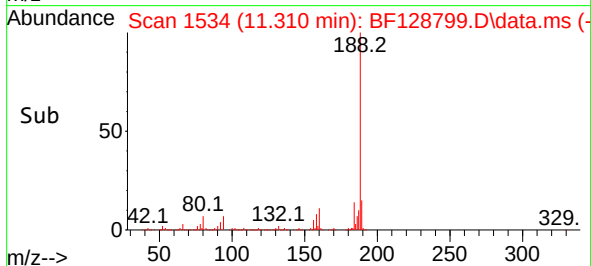
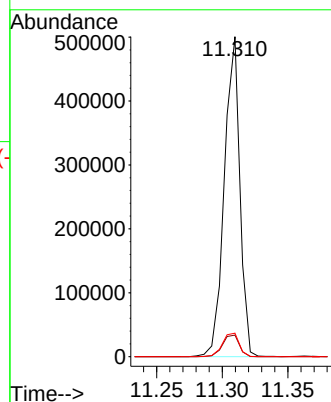
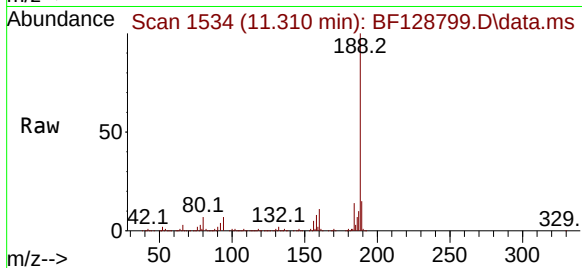
Tgt Ion:188 Resp: 410959

Ion Ratio Lower Upper

188 100

94 6.8 7.0 10.6#

80 7.3 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 4.558 ng

RT: 10.616 min Scan# 1416

Delta R.T. -0.241 min

Lab File: BF128799.D

Acq: 14 Jun 2022 14:04

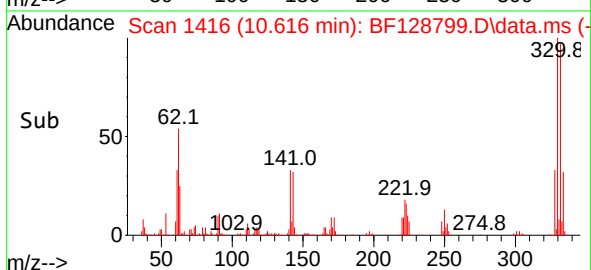
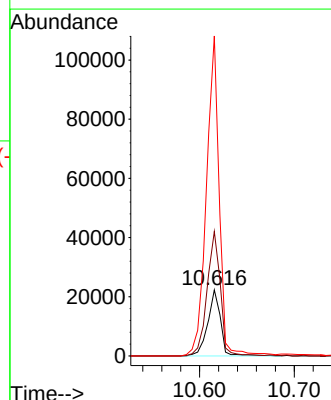
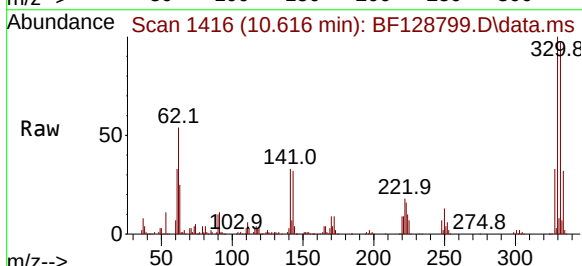
Tgt Ion:248 Resp: 20891

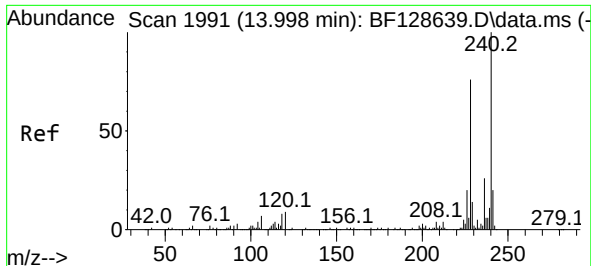
Ion Ratio Lower Upper

248 100

250 188.6 80.6 120.8#

141 484.7 58.9 88.3#

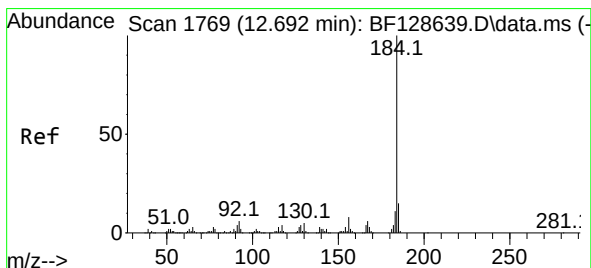
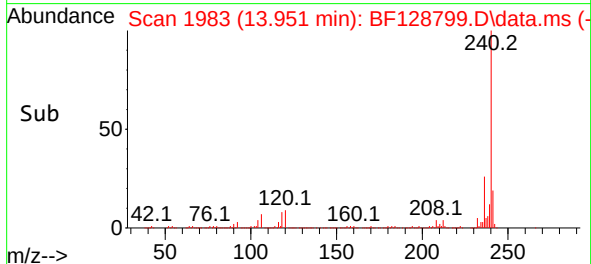
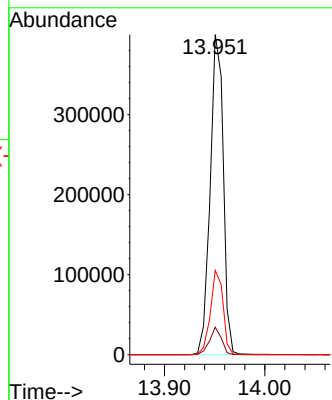
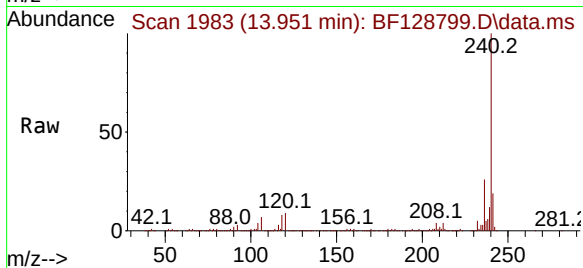




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.951 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF128799.D
Acq: 14 Jun 2022 14:04

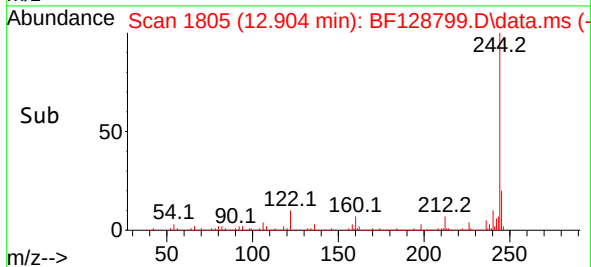
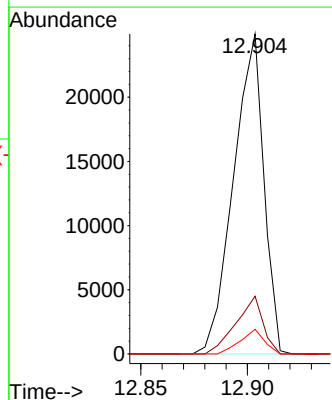
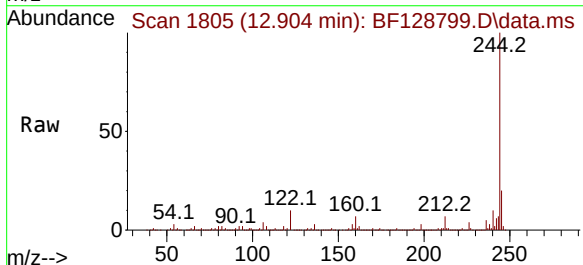
Instrument :
BNA_F
ClientSampleId :
PB145513BL

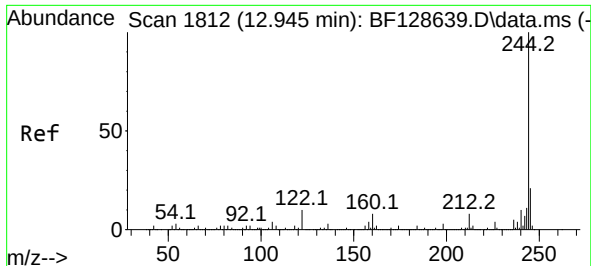
Tgt Ion:240 Resp: 364662
Ion Ratio Lower Upper
240 100
120 8.6 8.9 13.3#
236 26.4 20.8 31.2



#77
Benzidine
Concen: 3.391 ng
RT: 12.904 min Scan# 1805
Delta R.T. 0.253 min
Lab File: BF128799.D
Acq: 14 Jun 2022 14:04

Tgt Ion:184 Resp: 24653
Ion Ratio Lower Upper
184 100
185 18.0 11.9 17.9#
183 7.7 9.3 13.9#

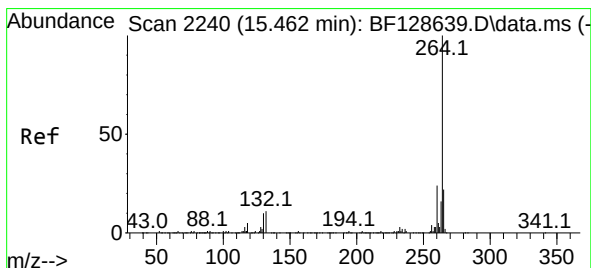
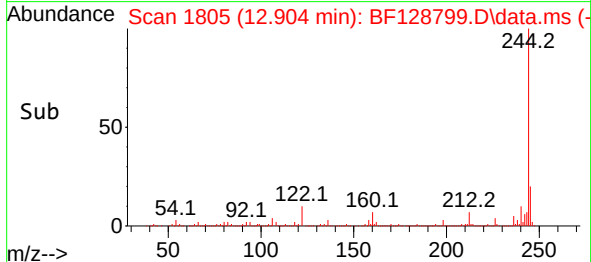
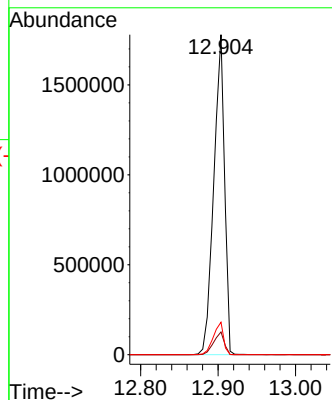
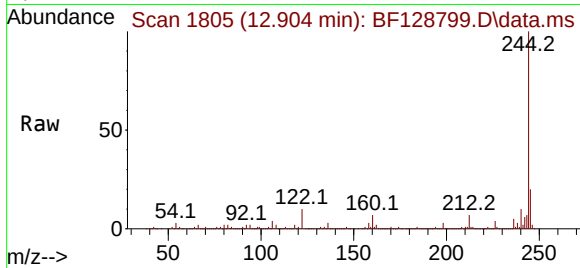




#79
 Terphenyl-d14
 Concen: 81.929 ng
 RT: 12.904 min Scan# 1805
 Delta R.T. -0.000 min
 Lab File: BF128799.D
 Acq: 14 Jun 2022 14:04

Instrument :
 BNA_F
 ClientSampleId :
 PB145513BL

Tgt Ion:244 Resp: 1719366
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 10.1 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2231
 Delta R.T. -0.006 min
 Lab File: BF128799.D
 Acq: 14 Jun 2022 14:04

Tgt Ion:264 Resp: 337128
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.4 27.6
 265 20.5 17.2 25.8

