

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060922\
 Data File : BF128744.D
 Acq On : 09 Jun 2022 11:22
 Operator : CG\JU
 Sample : PB145411BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB145411BL

Quant Time: Jun 10 03:28:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 08 14:28:39 2022
 Response via : Initial Calibration

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

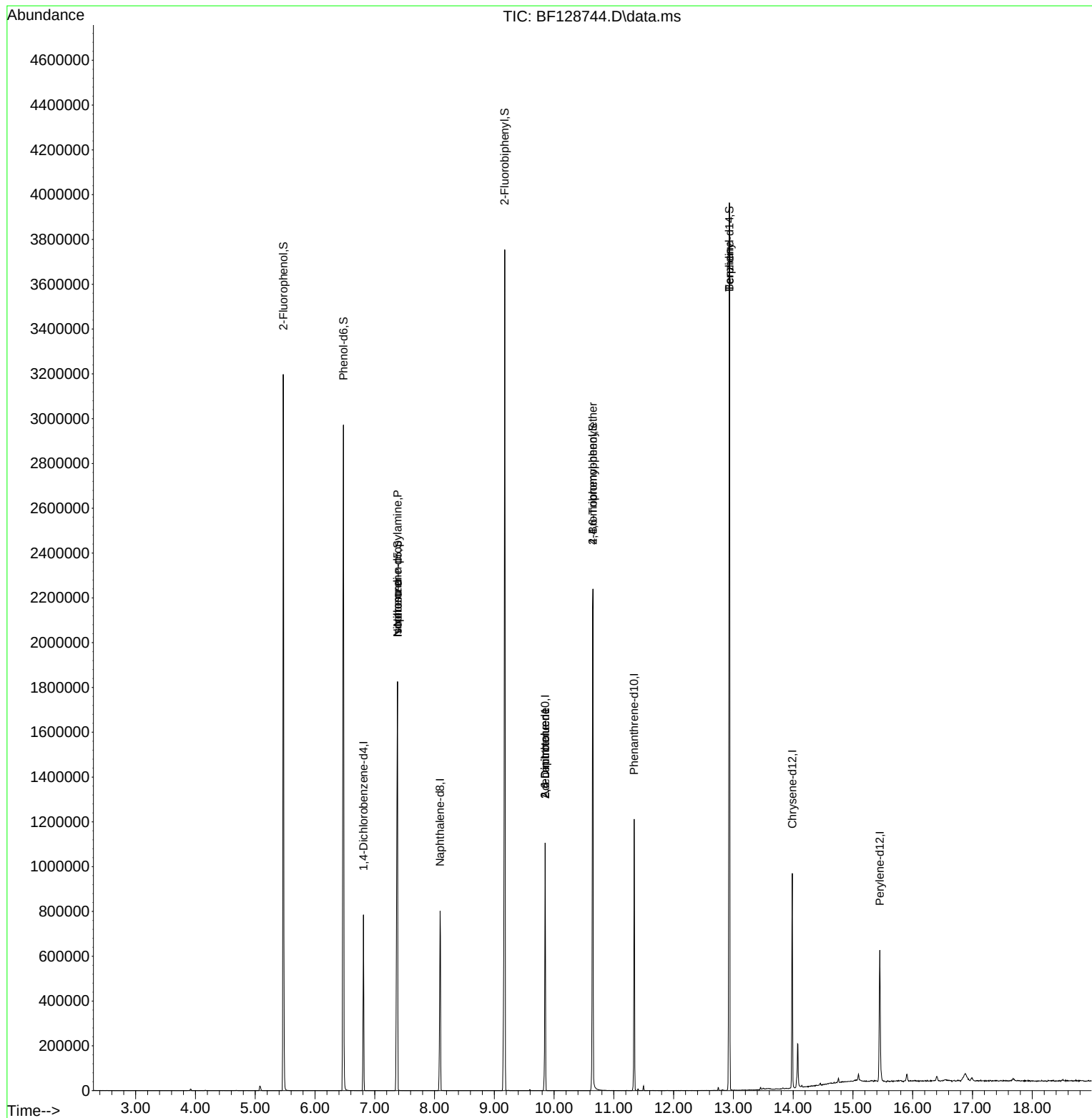
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	98883	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	377283	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	213404	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	412310	20.000	ng	0.00
76) Chrysene-d12	13.986	240	319493	20.000	ng	# 0.00
86) Perylene-d12	15.451	264	261579	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	764955	123.221	ng	0.01
7) Phenol-d6	6.475	99	956308	126.196	ng	0.00
23) Nitrobenzene-d5	7.381	82	677269	83.578	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	301577	119.603	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1311350	86.078	ng	0.00
79) Terphenyl-d14	12.933	244	1527256	83.063	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	95833	20.340	ng	# 76
25) Isophorone	7.381	82	676738	54.987	ng	# 65
51) 2,6-Dinitrotoluene	9.851	165	28289	9.812	ng	# 26
57) 2,4-Dinitrotoluene	9.851	165	28289	7.353	ng	# 21
67) 4-Bromophenyl-phenylether	10.651	248	20052	4.361	ng	# 1
77) Benzidine	12.933	184	22377	3.513	ng	# 90

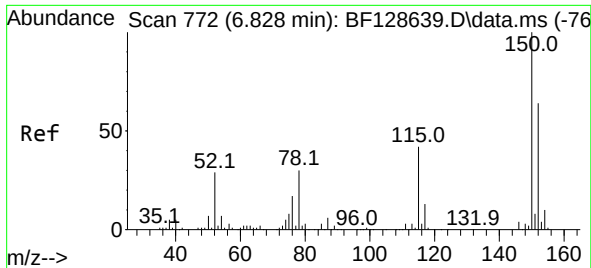
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060922\
Data File : BF128744.D
Acq On : 09 Jun 2022 11:22
Operator : CG\JU
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Misc :
ALS Vial : 3 Sample Multiplier: 1

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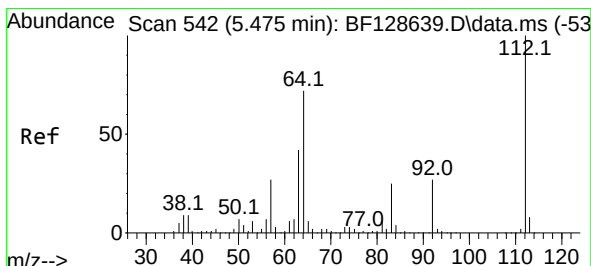
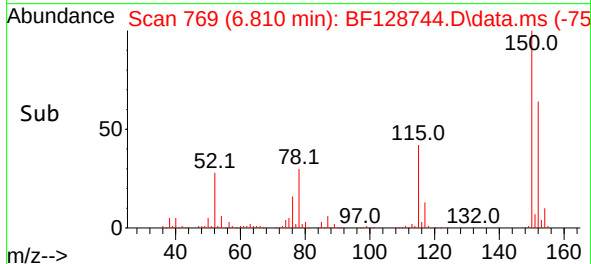
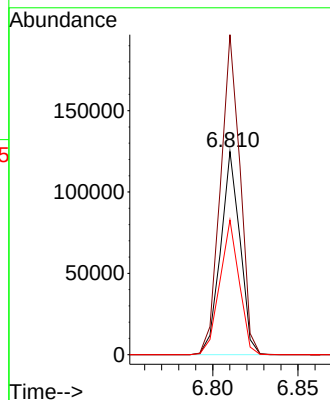
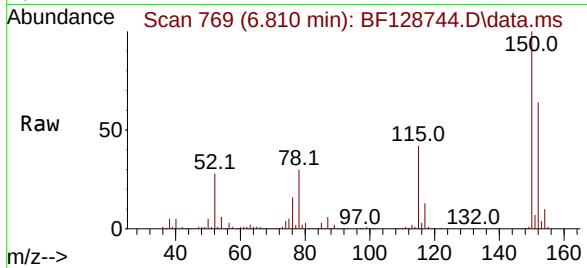




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF128744.D
Acq: 09 Jun 2022 11:22

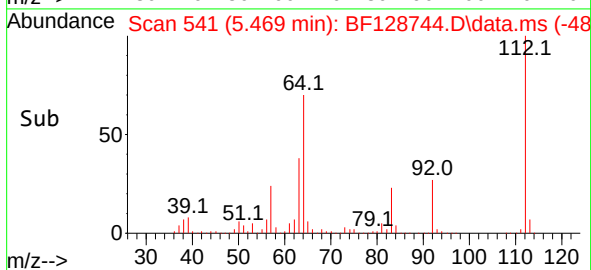
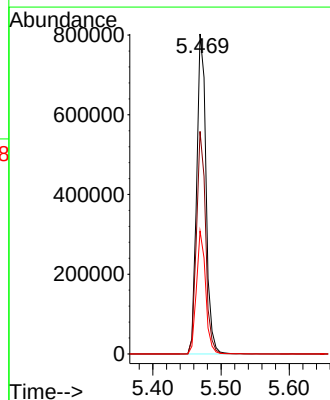
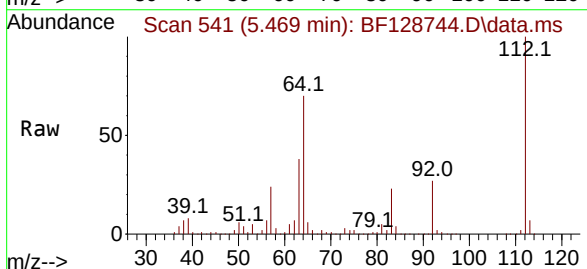
Instrument :
BNA_F
ClientSampleId :
PB145411BL

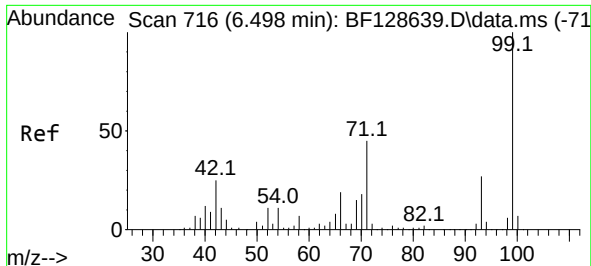
Tgt Ion:152 Resp: 98883
Ion Ratio Lower Upper
152 100
150 157.4 123.7 185.5
115 66.3 49.9 74.9



#5
2-Fluorophenol
Concen: 123.221 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF128744.D
Acq: 09 Jun 2022 11:22

Tgt Ion:112 Resp: 764955
Ion Ratio Lower Upper
112 100
64 69.6 53.3 79.9
63 38.4 28.0 42.0

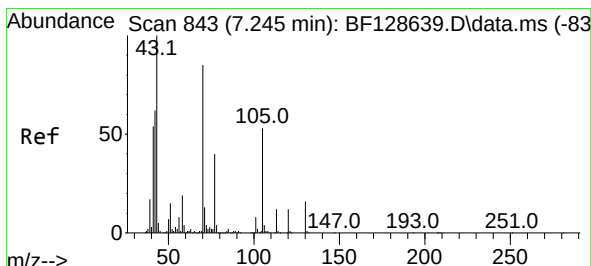
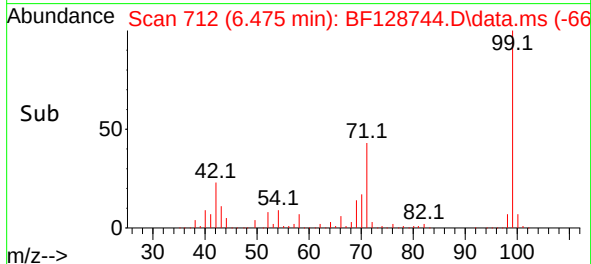
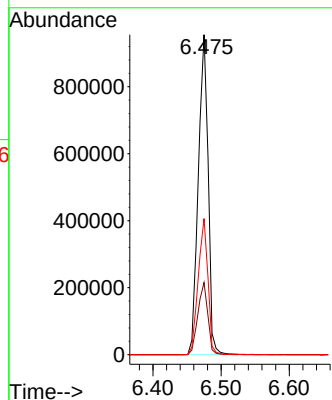
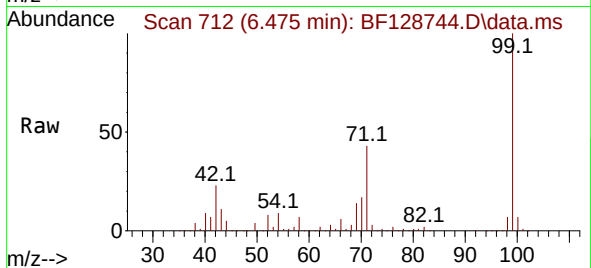




#7
Phenol-d6
Concen: 126.196 ng
RT: 6.475 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128744.D
Acq: 09 Jun 2022 11:22

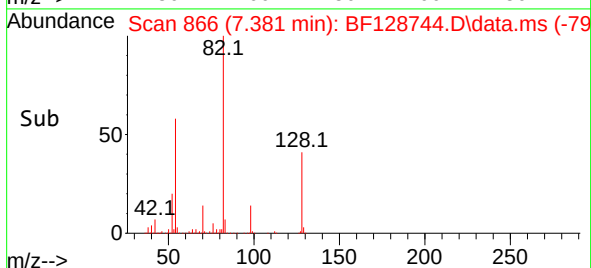
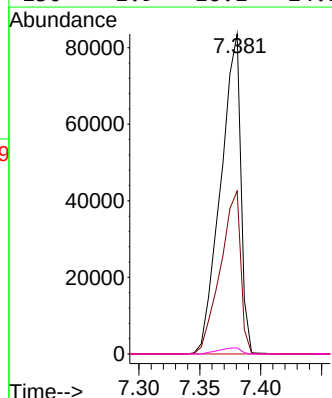
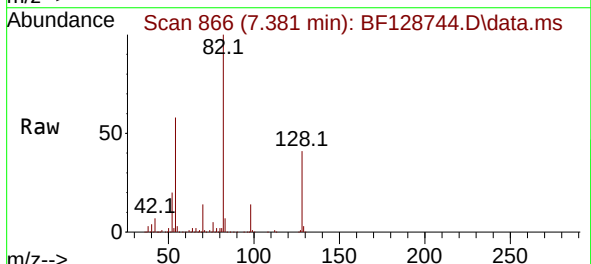
Instrument :
BNA_F
ClientSampleId :
PB145411BL

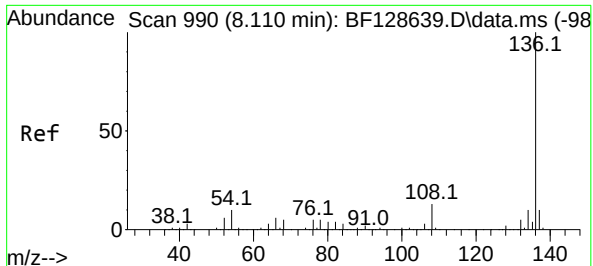
Tgt Ion: 99 Resp: 956308
Ion Ratio Lower Upper
99 100
42 22.6 17.3 25.9
71 42.6 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.340 ng
RT: 7.381 min Scan# 866
Delta R.T. 0.147 min
Lab File: BF128744.D
Acq: 09 Jun 2022 11:22

Tgt Ion: 70 Resp: 95833
Ion Ratio Lower Upper
70 100
42 50.9 52.3 78.5#
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.092 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128744.D

Acq: 09 Jun 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB145411BL

Tgt Ion:136 Resp: 377283

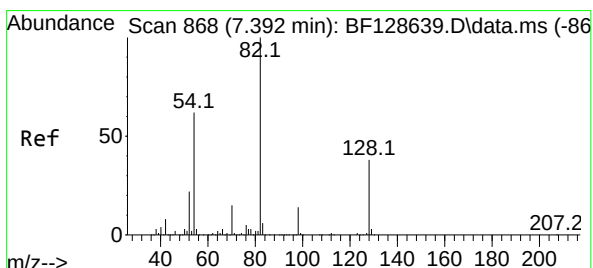
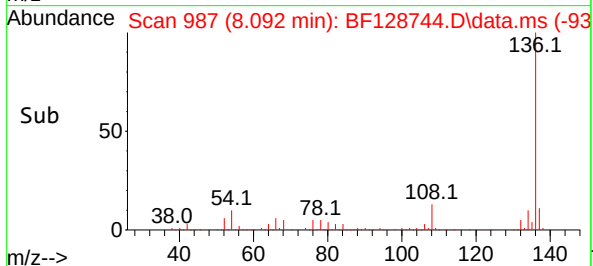
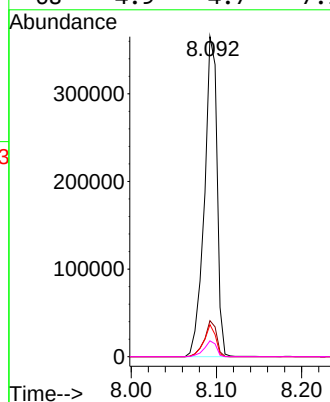
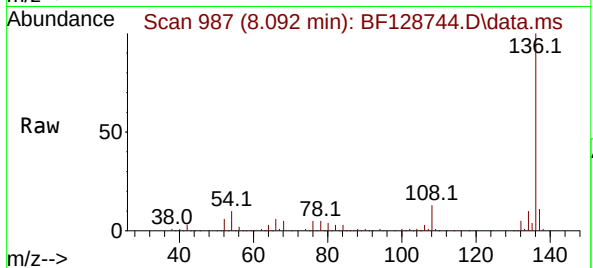
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 10.0 7.5 11.3

68 4.9 4.7 7.1



#23

Nitrobenzene-d5

Concen: 83.578 ng

RT: 7.381 min Scan# 866

Delta R.T. -0.000 min

Lab File: BF128744.D

Acq: 09 Jun 2022 11:22

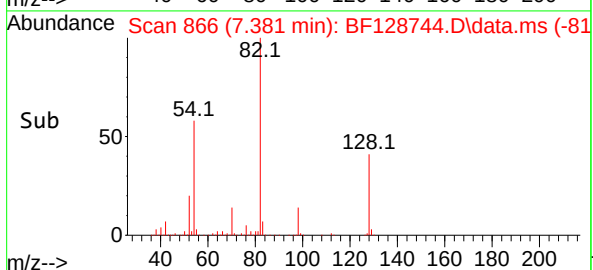
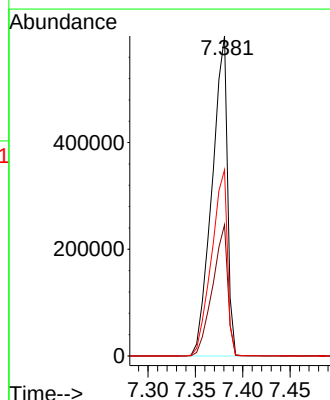
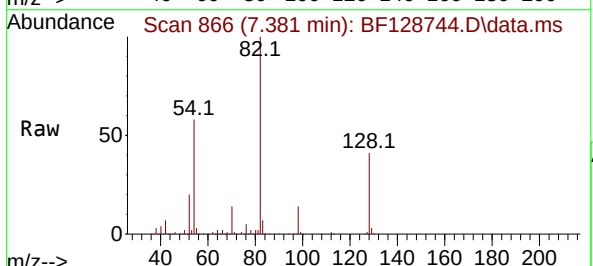
Tgt Ion: 82 Resp: 677269

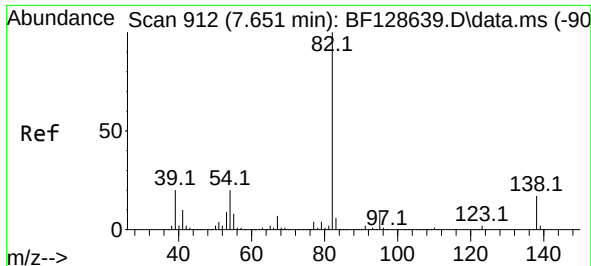
Ion Ratio Lower Upper

82 100

128 41.0 34.0 51.0

54 58.1 46.9 70.3

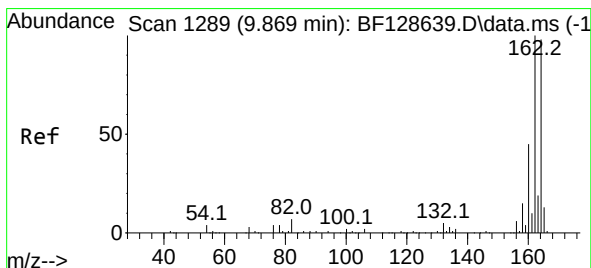
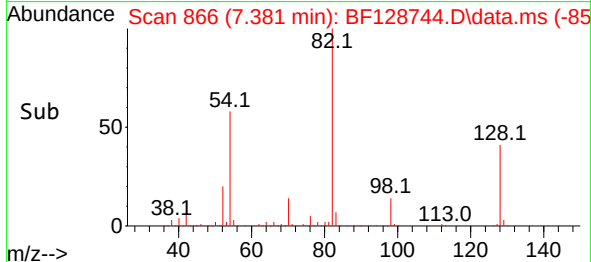
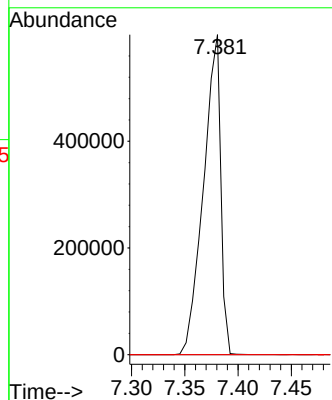
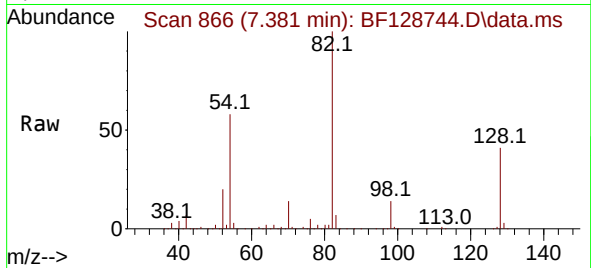




#25
Isophorone
Concen: 54.987 ng
RT: 7.381 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF128744.D
Acq: 09 Jun 2022 11:22

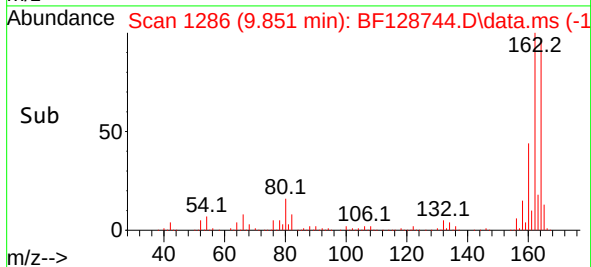
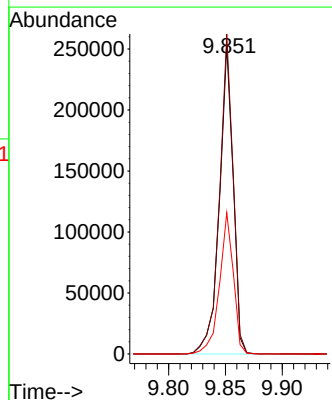
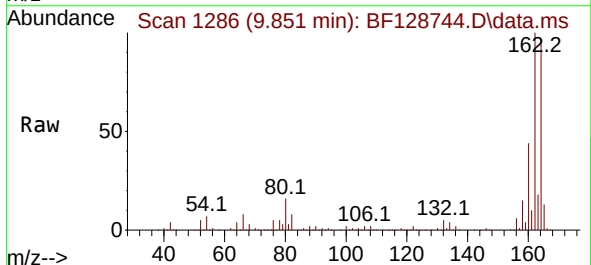
Instrument :
BNA_F
ClientSampleId :
PB145411BL

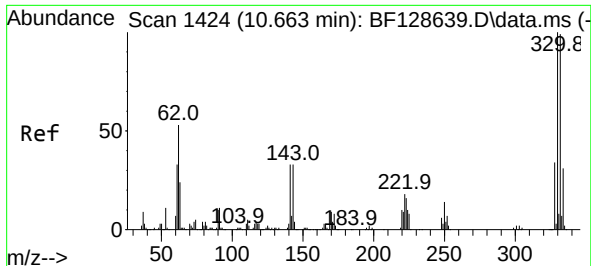
Tgt Ion: 82 Resp: 676738
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1286
Delta R.T. -0.006 min
Lab File: BF128744.D
Acq: 09 Jun 2022 11:22

Tgt Ion:164 Resp: 213404
Ion Ratio Lower Upper
164 100
162 103.7 79.5 119.3
160 45.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 119.603 ng

RT: 10.651 min Scan# 1422

Delta R.T. -0.000 min

Lab File: BF128744.D

Acq: 09 Jun 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB145411BL

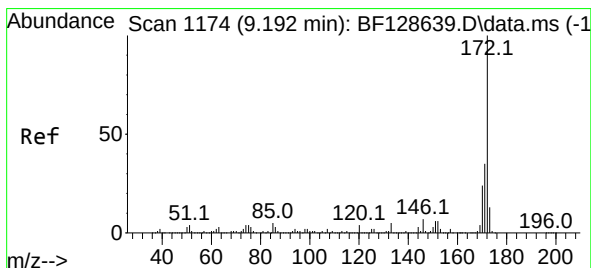
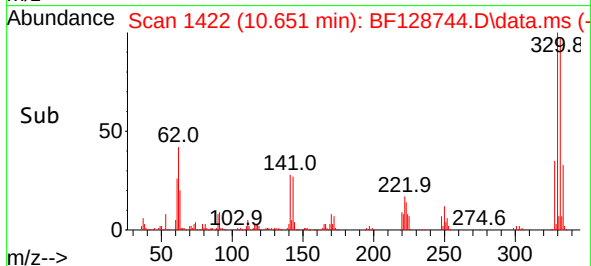
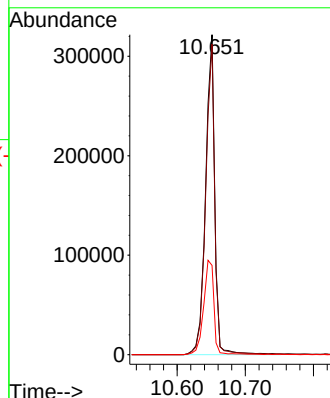
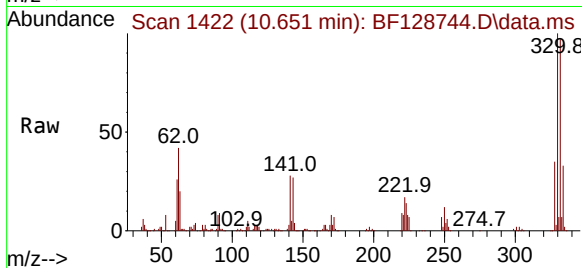
Tgt Ion:330 Resp: 301577

Ion Ratio Lower Upper

330 100

332 95.2 76.8 115.2

141 33.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 86.078 ng

RT: 9.175 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF128744.D

Acq: 09 Jun 2022 11:22

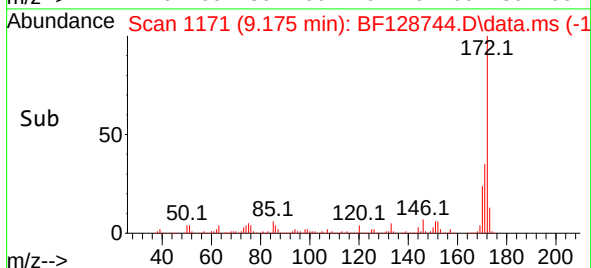
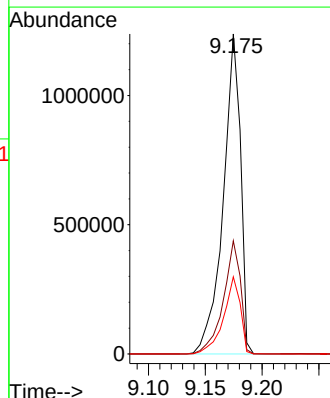
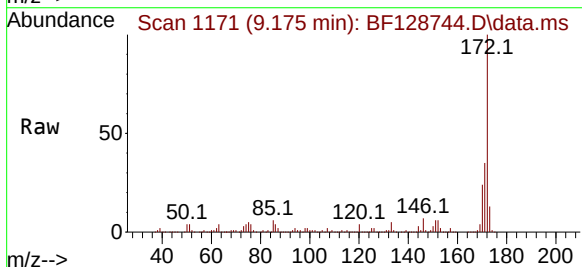
Tgt Ion:172 Resp: 1311350

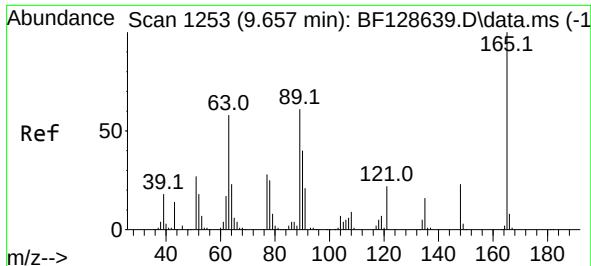
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 24.1 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.812 ng

RT: 9.851 min Scan# 1286

Delta R.T. 0.206 min

Lab File: BF128744.D

Acq: 09 Jun 2022 11:22

Instrument :

BNA_F

ClientSampleId :

PB145411BL

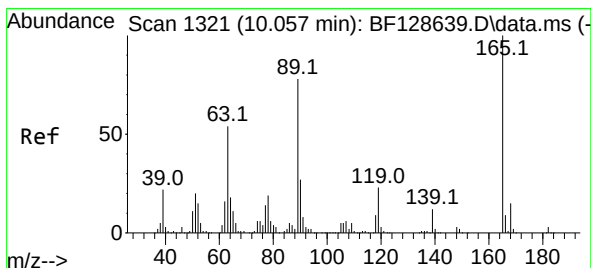
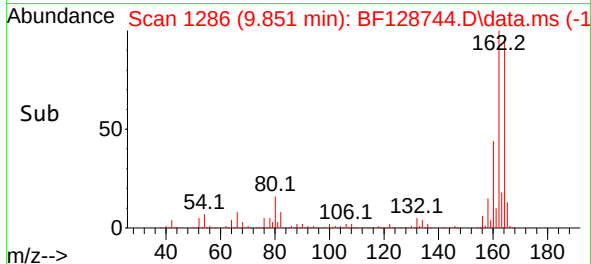
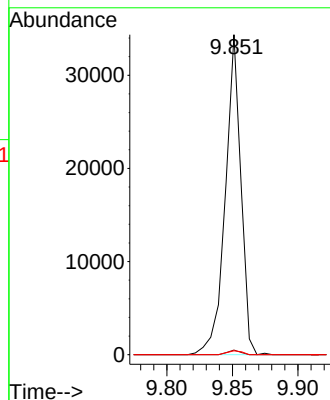
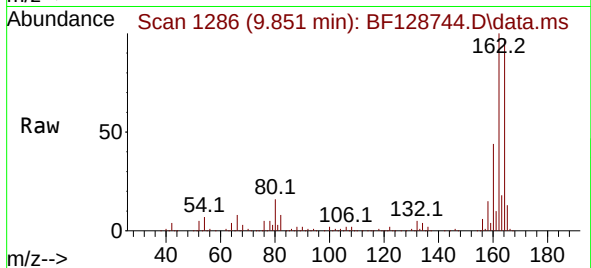
Tgt Ion:165 Resp: 28289

Ion Ratio Lower Upper

165 100

63 1.5 44.9 67.3#

89 1.2 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.353 ng

RT: 9.851 min Scan# 1286

Delta R.T. -0.194 min

Lab File: BF128744.D

Acq: 09 Jun 2022 11:22

Tgt Ion:165 Resp: 28289

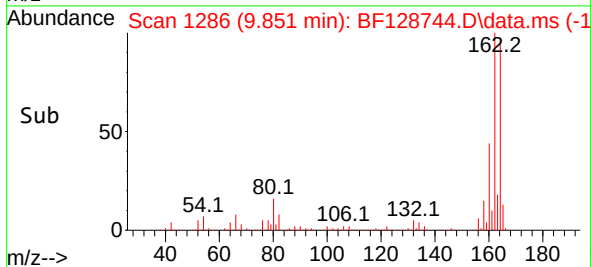
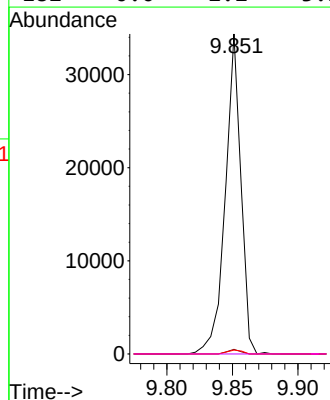
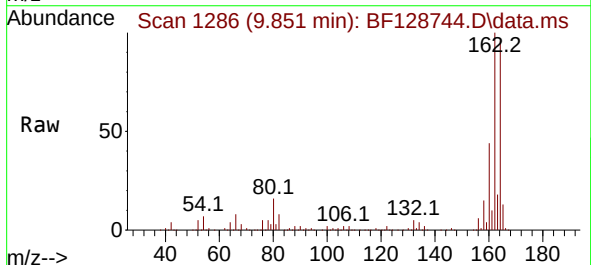
Ion Ratio Lower Upper

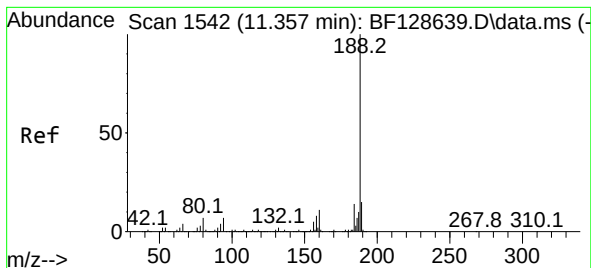
165 100

63 1.5 39.8 59.6#

89 1.2 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF128744.D

Acq: 09 Jun 2022 11:22

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PB145411BL

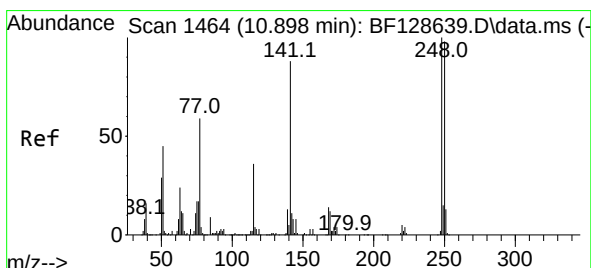
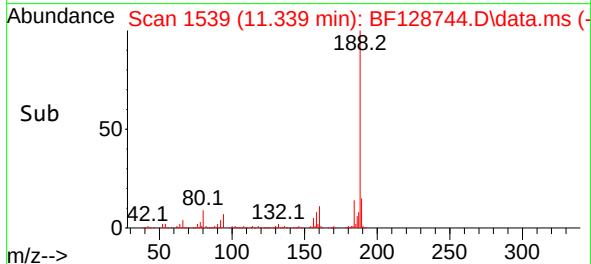
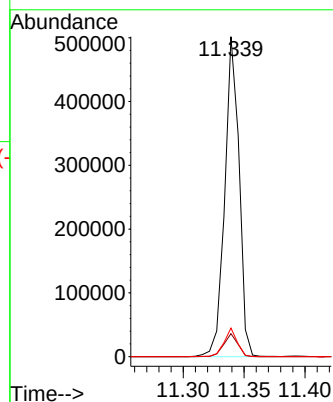
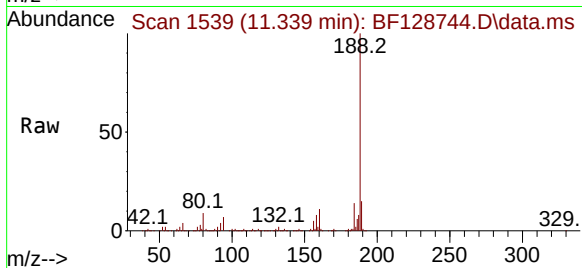
Tgt Ion:188 Resp: 412310

Ion Ratio Lower Upper

188 100

94 7.2 7.0 10.6

80 9.0 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.361 ng

RT: 10.651 min Scan# 1422

Delta R.T. -0.235 min

Lab File: BF128744.D

Acq: 09 Jun 2022 11:22

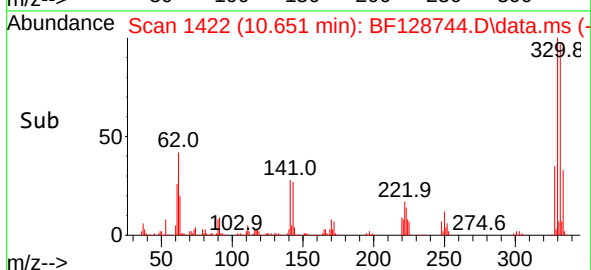
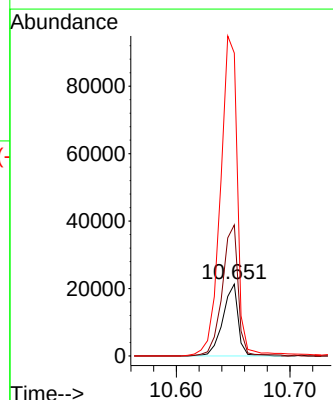
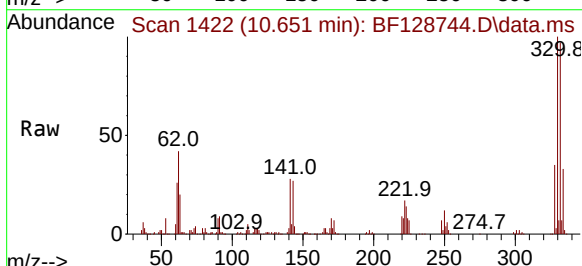
Tgt Ion:248 Resp: 20052

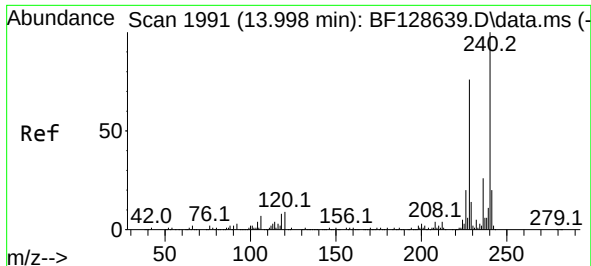
Ion Ratio Lower Upper

248 100

250 182.1 80.6 120.8#

141 421.2 58.9 88.3#

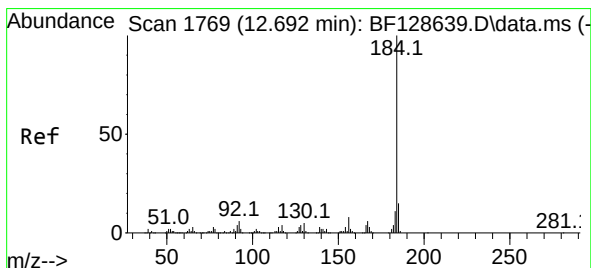
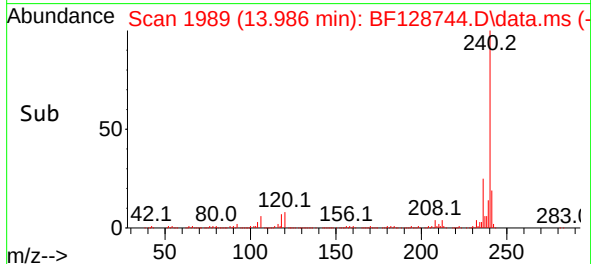
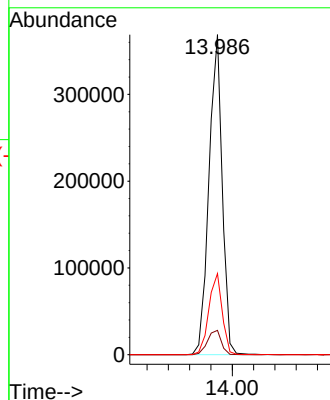
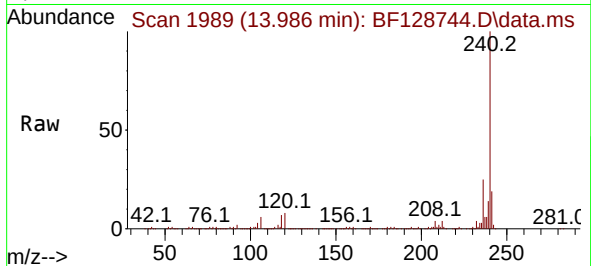




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BF128744.D
Acq: 09 Jun 2022 11:22

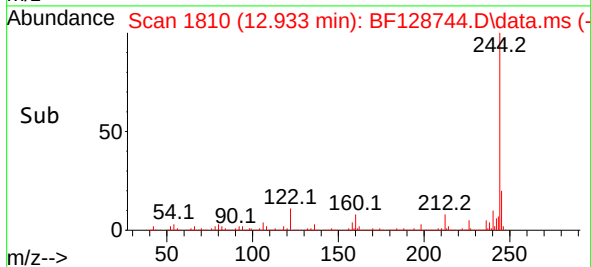
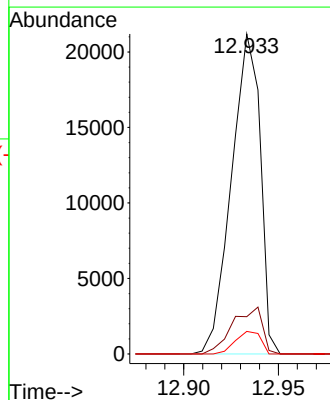
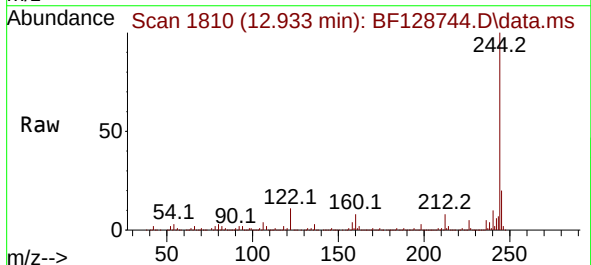
Instrument :
BNA_F
ClientSampleId :
PB145411BL

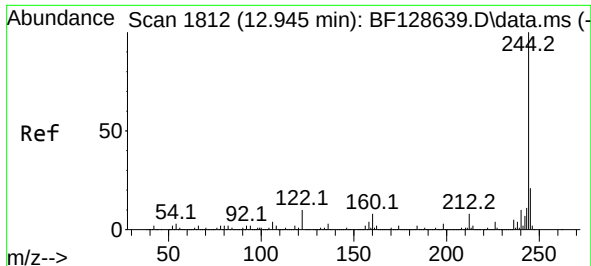
Tgt Ion:240 Resp: 319493
Ion Ratio Lower Upper
240 100
120 7.6 8.9 13.3#
236 25.4 20.8 31.2



#77
Benzidine
Concen: 3.513 ng
RT: 12.933 min Scan# 1810
Delta R.T. 0.253 min
Lab File: BF128744.D
Acq: 09 Jun 2022 11:22

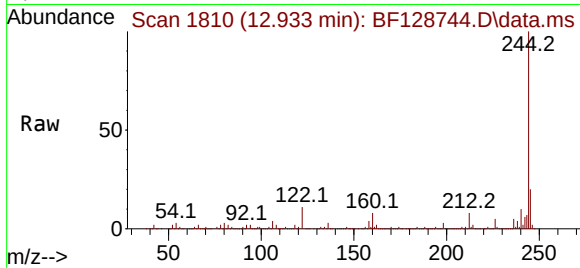
Tgt Ion:184 Resp: 22377
Ion Ratio Lower Upper
184 100
185 11.7 11.9 17.9#
183 7.0 9.3 13.9#



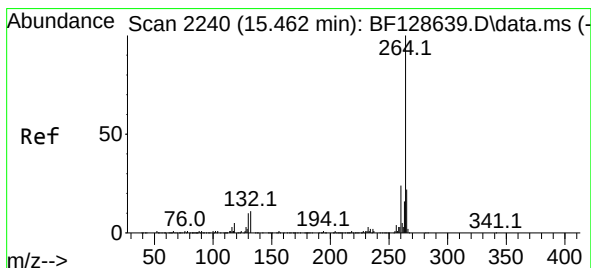
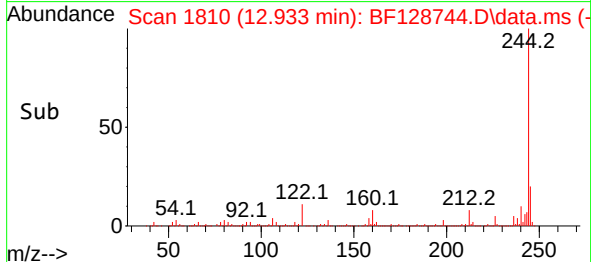
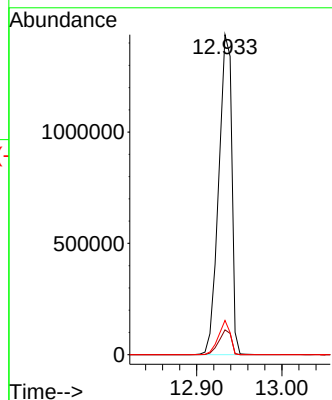


#79
 Terphenyl-d14
 Concen: 83.063 ng
 RT: 12.933 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128744.D
 Acq: 09 Jun 2022 11:22

Instrument :
 BNA_F
 ClientSampleId :
 PB145411BL



Tgt Ion:244 Resp: 1527256
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 10.7 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.451 min Scan# 2238
 Delta R.T. 0.006 min
 Lab File: BF128744.D
 Acq: 09 Jun 2022 11:22

Tgt Ion:264 Resp: 261579
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.4 27.6
 265 20.6 17.2 25.8

