

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128656.D
 Acq On : 03 Jun 2022 00:10
 Operator : CG\JU
 Sample : N2984-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P014-SS002-0006-01

Quant Time: Jun 03 03:28:13 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)

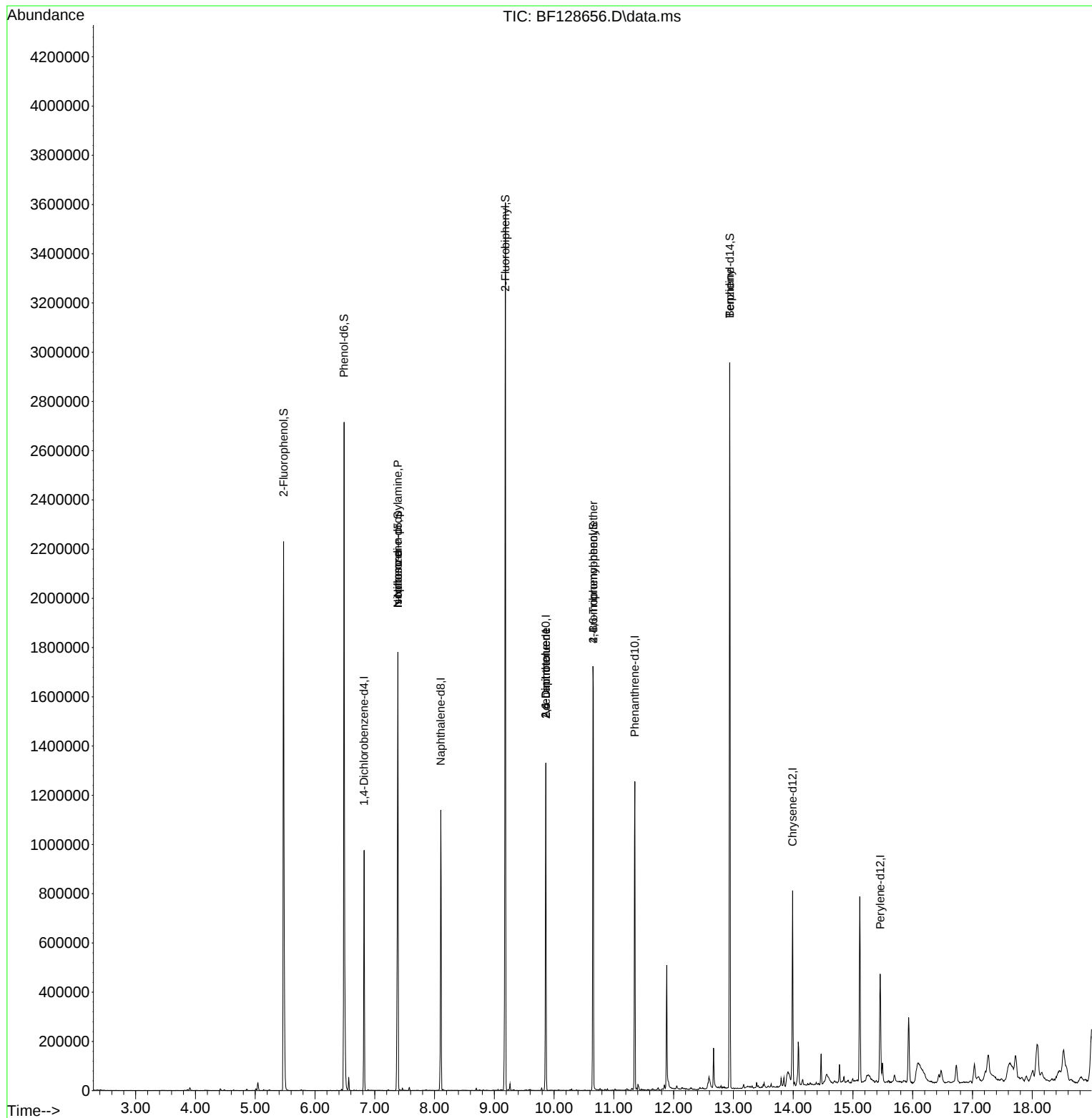
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	117819	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	447192	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	245930	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	433983	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	241912	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	202045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	566445	76.579	ng	0.00
7) Phenol-d6	6.487	99	735266	81.433	ng	-0.01
23) Nitrobenzene-d5	7.386	82	538213	56.035	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	191011	65.735	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1022560	58.244	ng	0.00
79) Terphenyl-d14	12.939	244	940840	67.580	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	78392	13.964	ng	# 82
25) Isophorone	7.386	82	537356	36.836	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	31760	9.559	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	31760	7.163	ng	# 22
67) 4-Bromophenyl-phenylether	10.657	248	12344	2.551	ng	# 1
77) Benzydine	12.939	184	15950	3.307	ng	# 95

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

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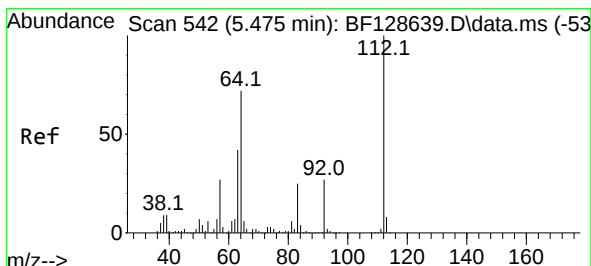
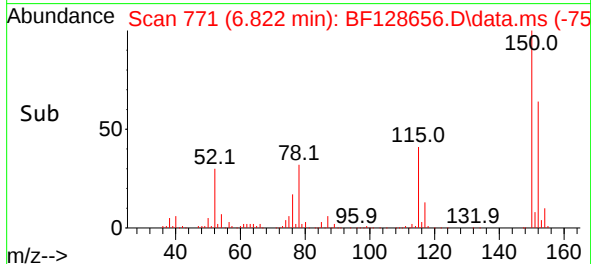
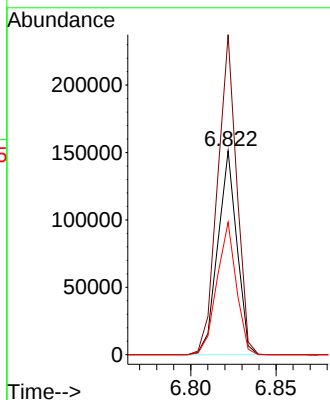
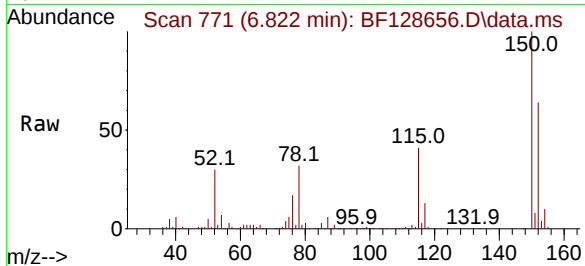




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128656.D
Acq: 03 Jun 2022 00:10

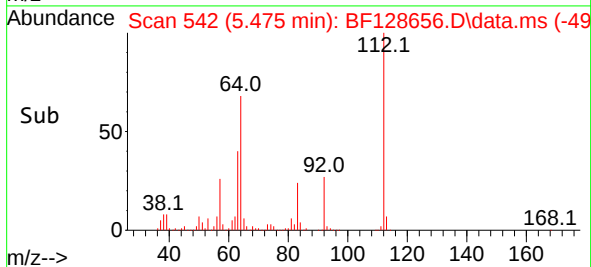
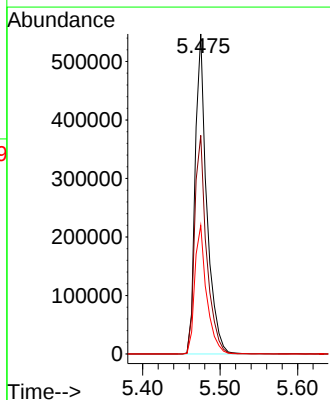
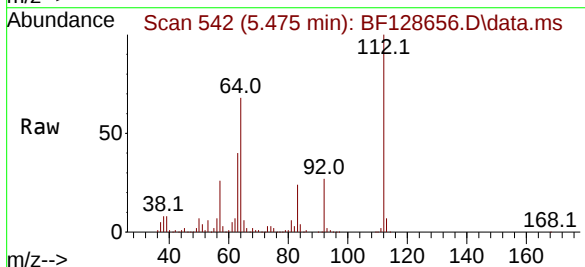
Instrument :
BNA_F
ClientSampleId :
P014-SS002-0006-01

Tgt Ion:152 Resp: 117819
Ion Ratio Lower Upper
152 100
150 157.0 123.7 185.5
115 65.0 49.9 74.9



#5
2-Fluorophenol
Concen: 76.579 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.000 min
Lab File: BF128656.D
Acq: 03 Jun 2022 00:10

Tgt Ion:112 Resp: 566445
Ion Ratio Lower Upper
112 100
64 68.3 53.3 79.9
63 40.2 28.0 42.0

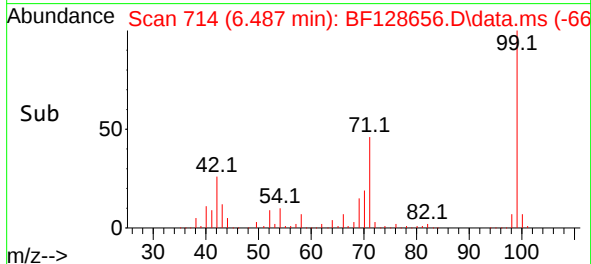
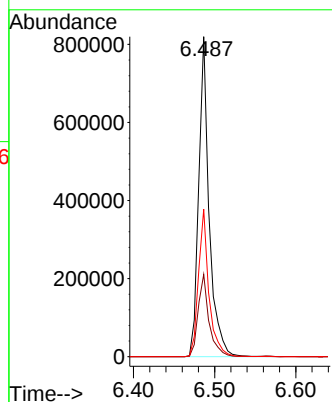
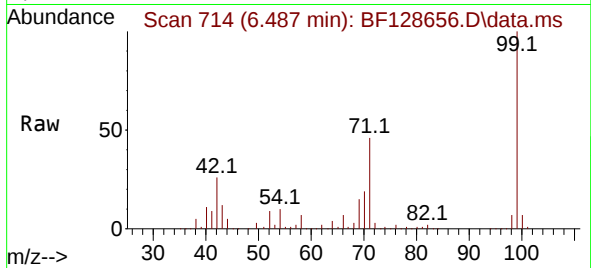




#7
Phenol-d6
Concen: 81.433 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.011 min
Lab File: BF128656.D
Acq: 03 Jun 2022 00:10

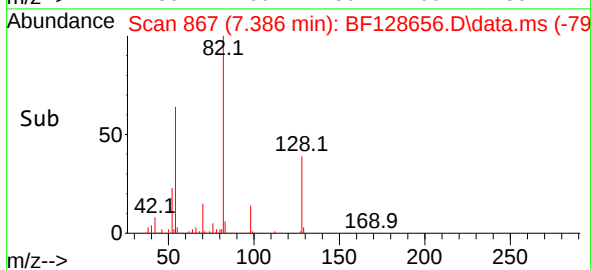
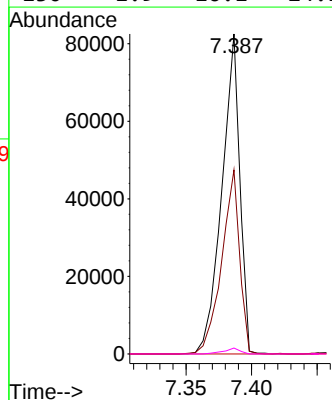
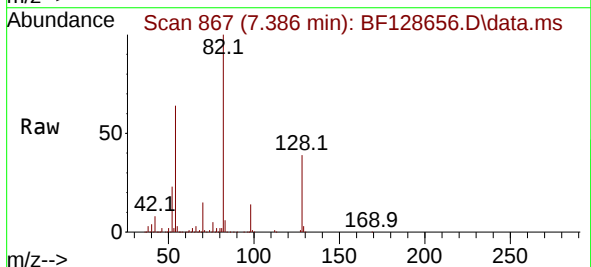
Instrument :
BNA_F
ClientSampleId :
P014-SS002-0006-01

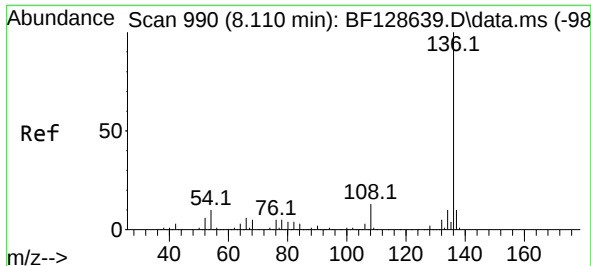
Tgt Ion: 99 Resp: 735266
Ion Ratio Lower Upper
99 100
42 25.7 17.3 25.9
71 46.1 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 13.964 ng
RT: 7.386 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128656.D
Acq: 03 Jun 2022 00:10

Tgt Ion: 70 Resp: 78392
Ion Ratio Lower Upper
70 100
42 57.5 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: 8.104 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128656.D

Acq: 03 Jun 2022 00:10

Instrument :

BNA_F

ClientSampleId :

P014-SS002-0006-01

Tgt Ion:136 Resp: 447192

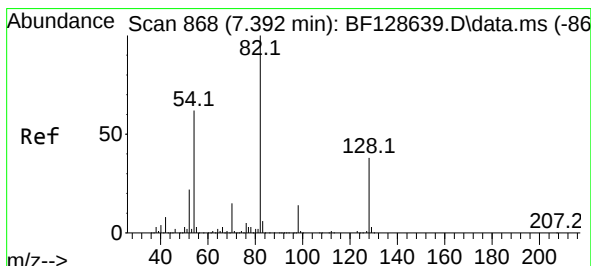
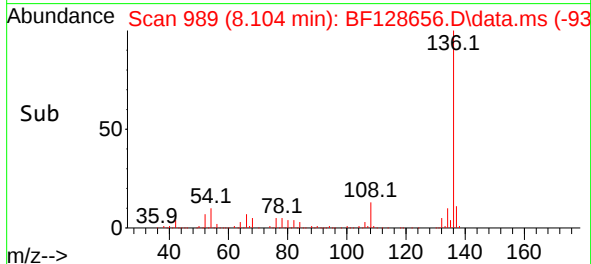
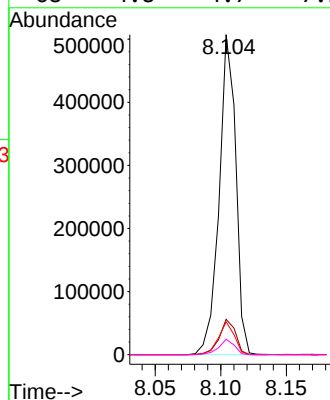
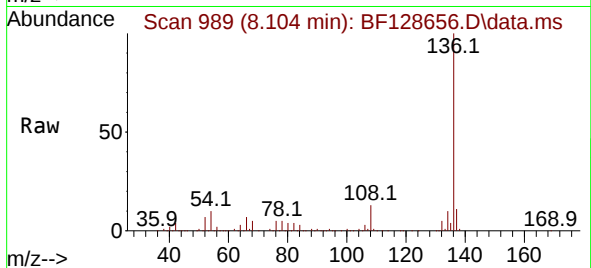
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 10.3 7.5 11.3

68 4.8 4.7 7.1



#23

Nitrobenzene-d5

Concen: 56.035 ng

RT: 7.386 min Scan# 867

Delta R.T. -0.006 min

Lab File: BF128656.D

Acq: 03 Jun 2022 00:10

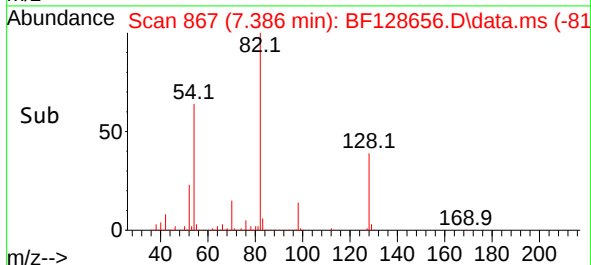
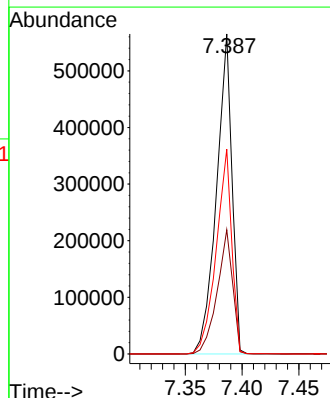
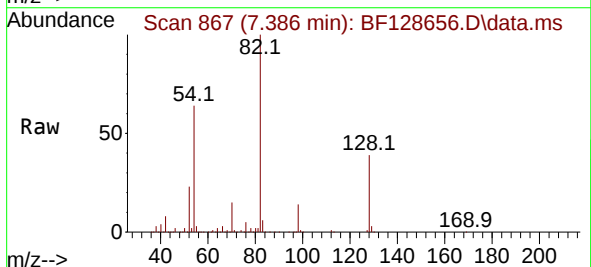
Tgt Ion: 82 Resp: 538213

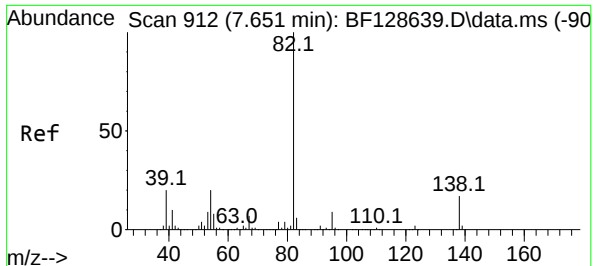
Ion Ratio Lower Upper

82 100

128 38.8 34.0 51.0

54 64.0 46.9 70.3

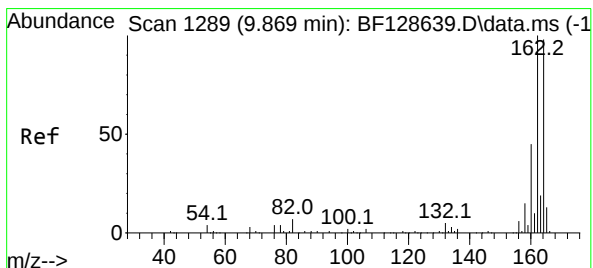
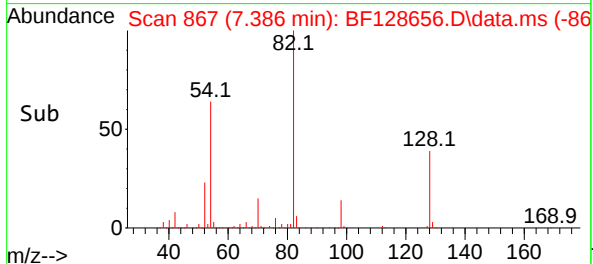
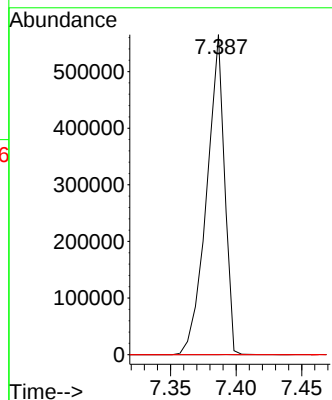
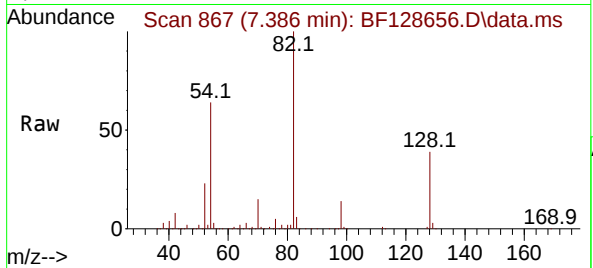




#25
Isophorone
Concen: 36.836 ng
RT: 7.386 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128656.D
Acq: 03 Jun 2022 00:10

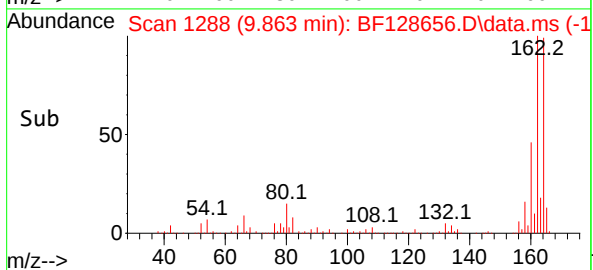
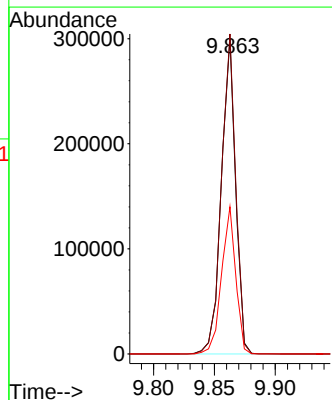
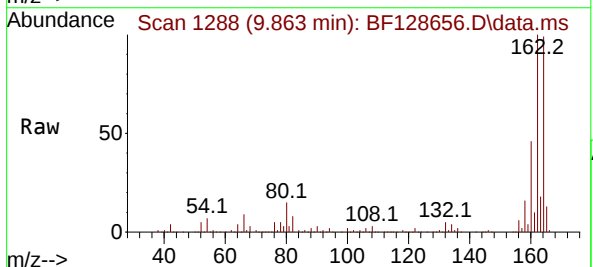
Instrument :
BNA_F
ClientSampleId :
P014-SS002-0006-01

Tgt Ion: 82 Resp: 537356
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: BF128656.D
Acq: 03 Jun 2022 00:10

Tgt Ion: 164 Resp: 245930
Ion Ratio Lower Upper
164 100
162 101.3 79.5 119.3
160 46.6 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 65.735 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF128656.D

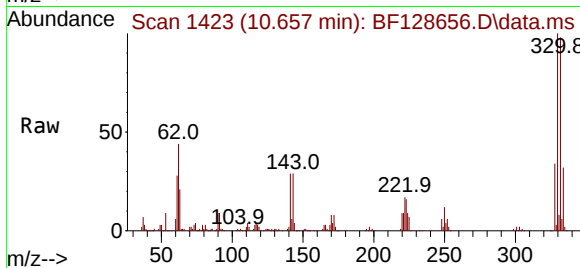
Acq: 03 Jun 2022 00:10

Instrument :

BNA_F

ClientSampleId :

P014-SS002-0006-01



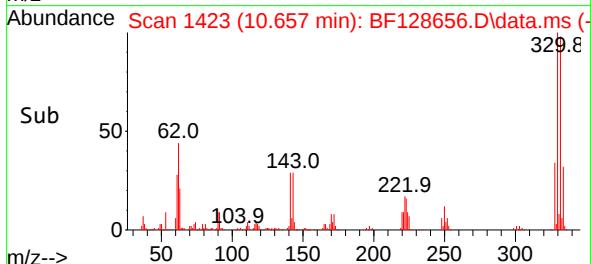
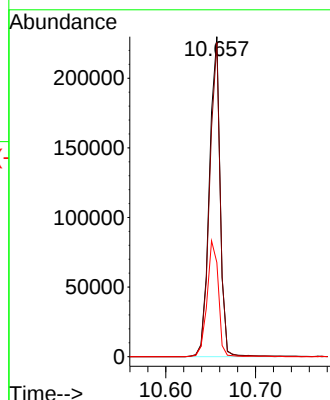
Tgt Ion:330 Resp: 191011

Ion Ratio Lower Upper

330 100

332 96.6 76.8 115.2

141 37.8 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 58.244 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128656.D

Acq: 03 Jun 2022 00:10

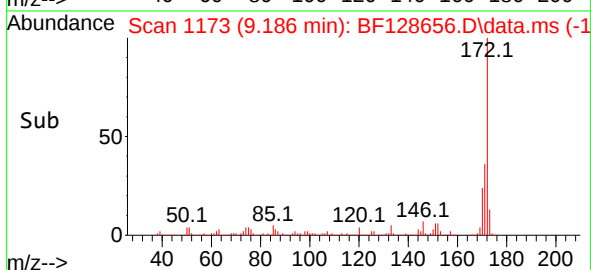
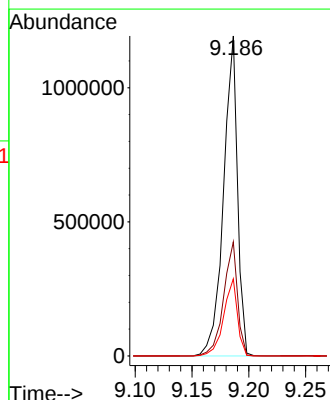
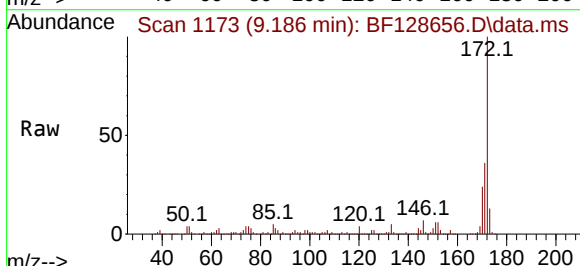
Tgt Ion:172 Resp: 1022560

Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.1 19.8 29.8

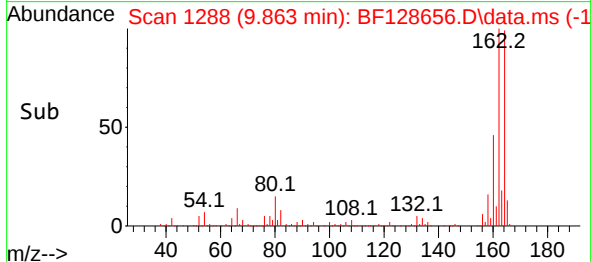
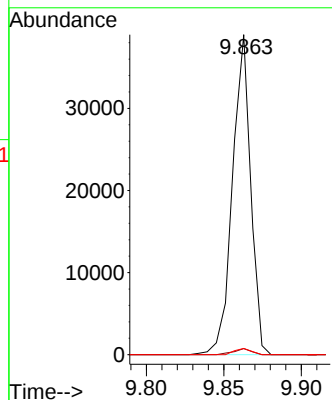
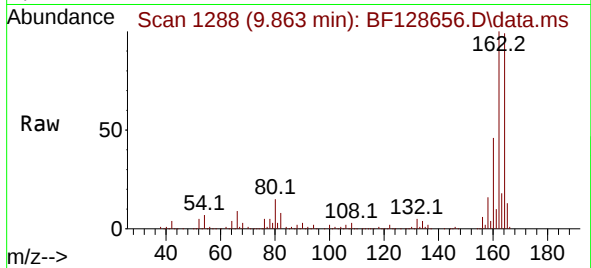




#51
2,6-Dinitrotoluene
Concen: 9.559 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF128656.D
Acq: 03 Jun 2022 00:10

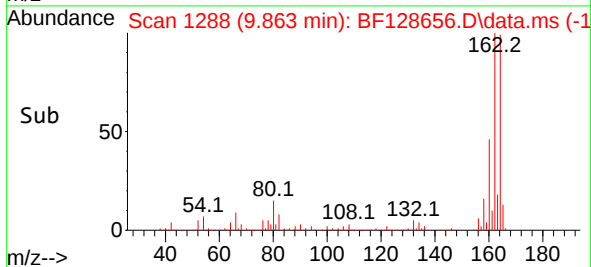
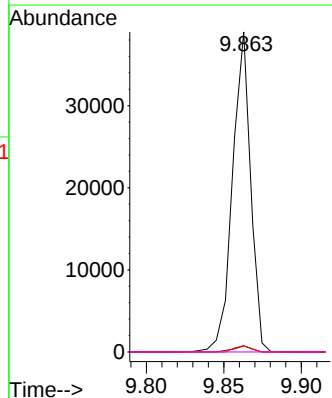
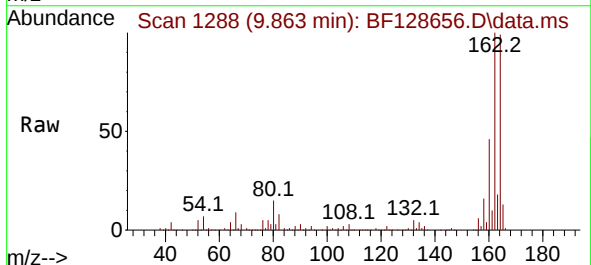
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BNA_F
ClientSampleId :
P014-SS002-0006-01

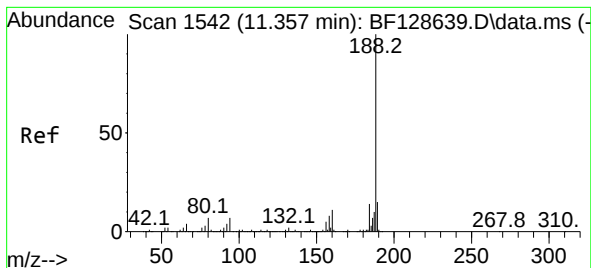
Tgt Ion:165 Resp: 31760
Ion Ratio Lower Upper
165 100
63 1.9 44.9 67.3#
89 1.9 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.163 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.194 min
Lab File: BF128656.D
Acq: 03 Jun 2022 00:10

Tgt Ion:165 Resp: 31760
Ion Ratio Lower Upper
165 100
63 1.9 39.8 59.6#
89 1.9 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: BF128656.D

Acq: 03 Jun 2022 00:10

Instrument :

BNA_F

ClientSampleId :

P014-SS002-0006-01

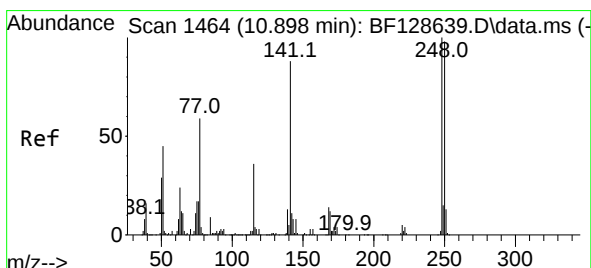
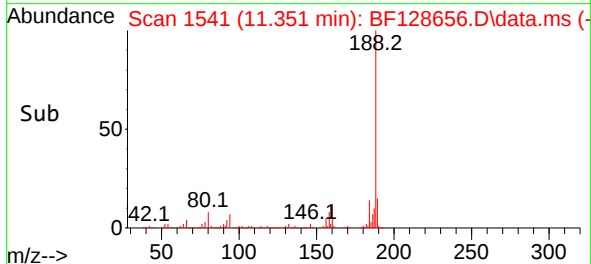
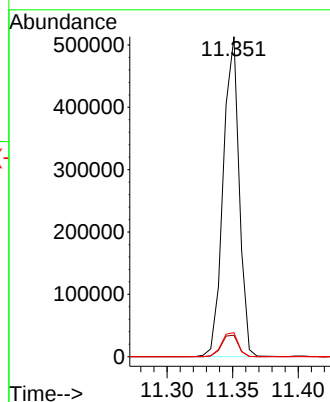
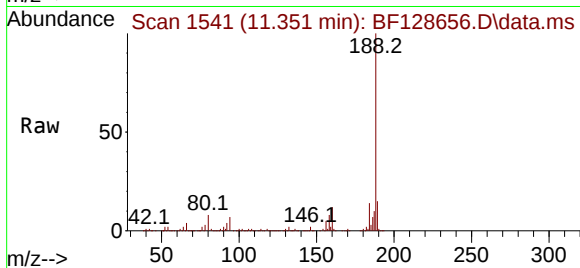
Tgt Ion:188 Resp: 433983

Ion Ratio Lower Upper

188 100

94 6.7 7.0 10.6#

80 7.5 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 2.551 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.241 min

Lab File: BF128656.D

Acq: 03 Jun 2022 00:10

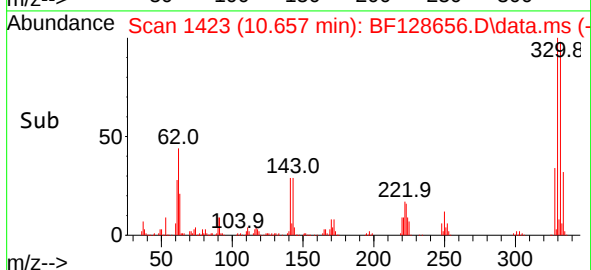
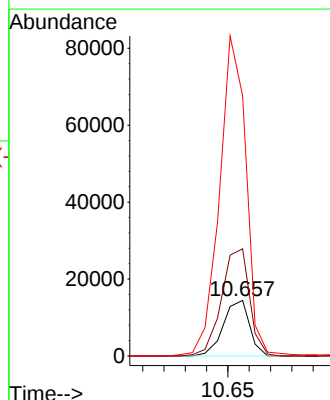
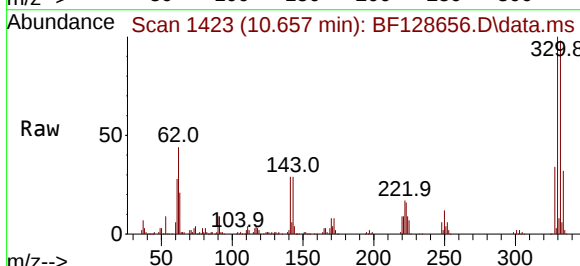
Tgt Ion:248 Resp: 12344

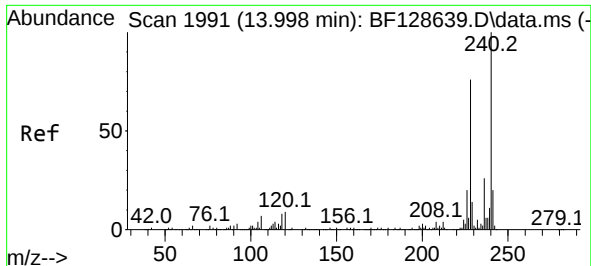
Ion Ratio Lower Upper

248 100

250 193.1 80.6 120.8#

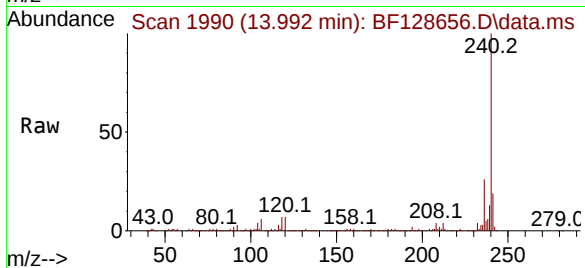
141 468.8 58.9 88.3#



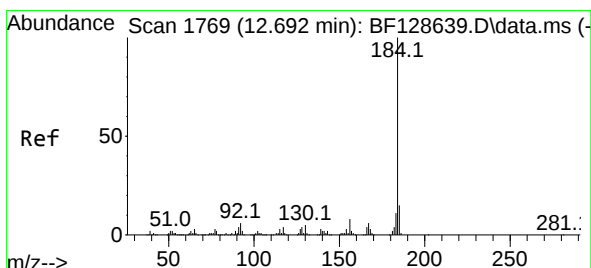
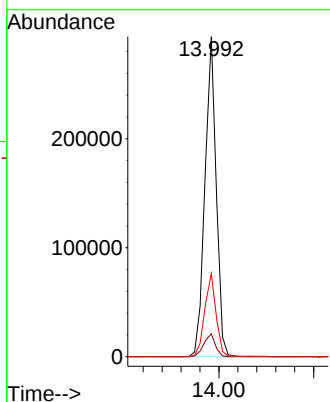
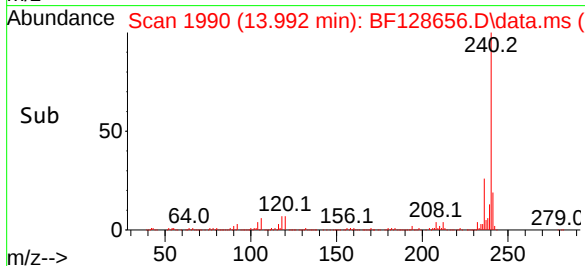


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF128656.D
Acq: 03 Jun 2022 00:10

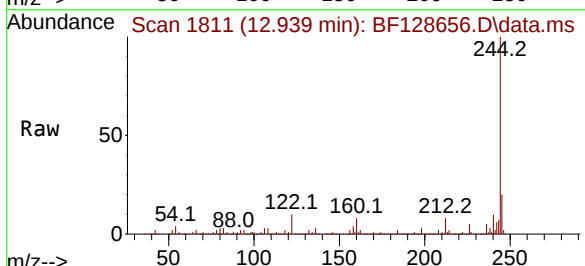
Instrument :
BNA_F
ClientSampleId :
P014-SS002-0006-01



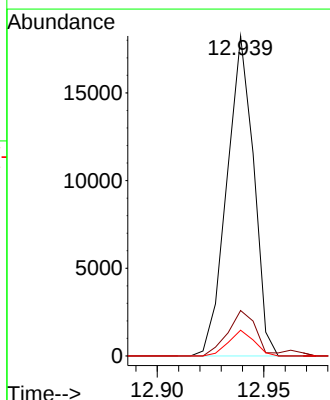
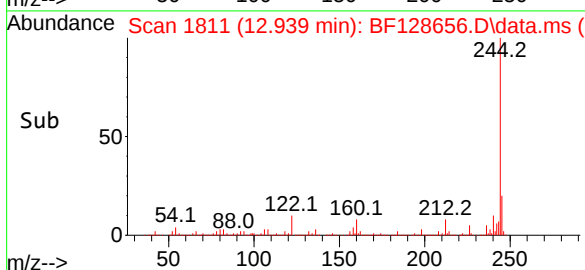
Tgt Ion:240 Resp: 241912
Ion Ratio Lower Upper
240 100
120 7.2 8.9 13.3#
236 26.0 20.8 31.2

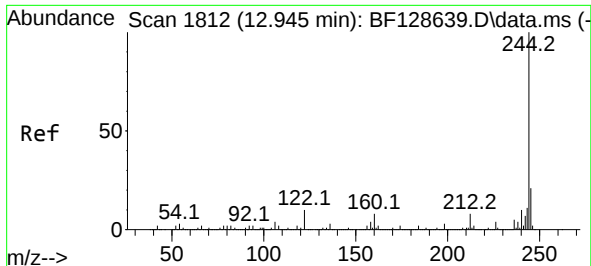


#77
Benzidine
Concen: 3.307 ng
RT: 12.939 min Scan# 1811
Delta R.T. 0.247 min
Lab File: BF128656.D
Acq: 03 Jun 2022 00:10



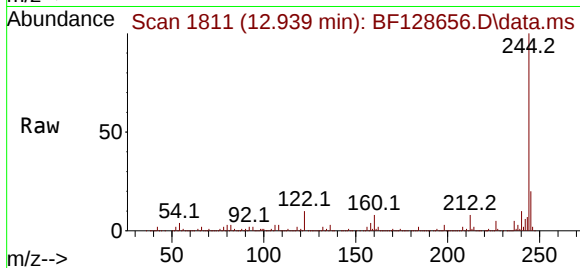
Tgt Ion:184 Resp: 15950
Ion Ratio Lower Upper
184 100
185 14.2 11.9 17.9
183 8.1 9.3 13.9#



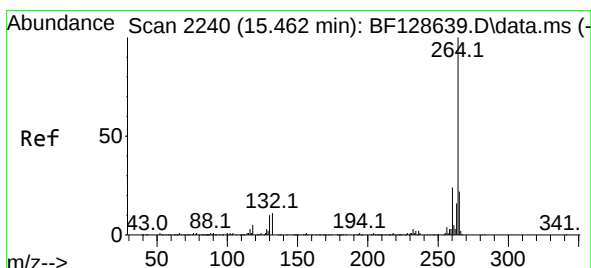
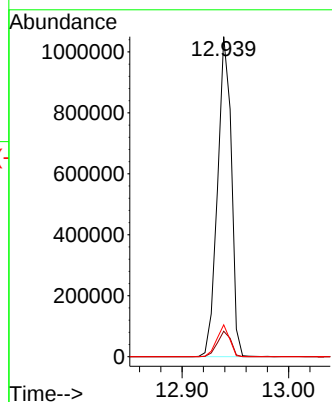
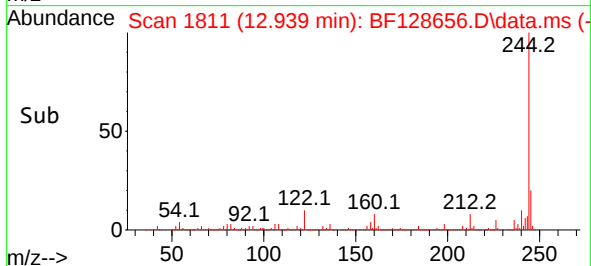


#79
 Terphenyl-d14
 Concen: 67.580 ng
 RT: 12.939 min Scan# 1811
 Delta R.T. -0.006 min
 Lab File: BF128656.D
 Acq: 03 Jun 2022 00:10

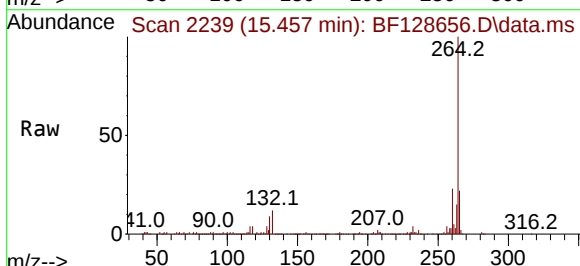
Instrument :
 BNA_F
 ClientSampleId :
 P014-SS002-0006-01



Tgt Ion:244 Resp: 940840
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.1 9.1
 122 10.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2239
 Delta R.T. -0.005 min
 Lab File: BF128656.D
 Acq: 03 Jun 2022 00:10



Tgt Ion:264 Resp: 202045
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.4 27.6
 265 21.5 17.2 25.8

