

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128652.D
 Acq On : 02 Jun 2022 22:10
 Operator : CG\JU
 Sample : N2988-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P015-SS002-1218-01

Quant Time: Jun 03 03:27:47 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)

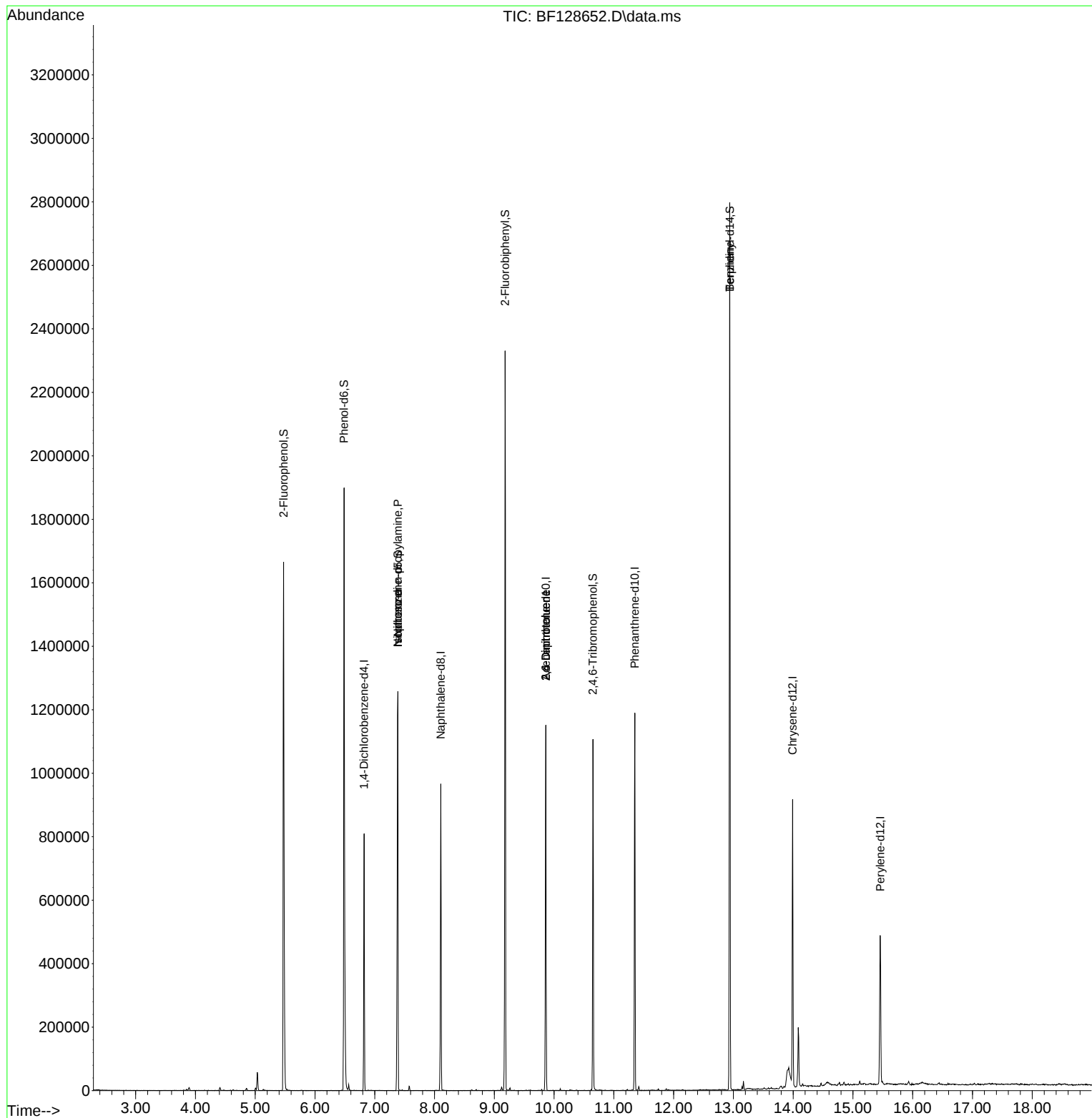
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	95757	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	371950	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	212972	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	405220	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	288775	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	210327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	428594	71.293	ng	0.00
7) Phenol-d6	6.487	99	552839	75.335	ng	-0.01
23) Nitrobenzene-d5	7.387	82	401309	50.234	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	109439	43.491	ng	-0.01
45) 2-Fluorobiphenyl	9.181	172	679680	44.705	ng	-0.01
79) Terphenyl-d14	12.939	244	888850	53.484	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	57440	12.589	ng	# 81
25) Isophorone	7.387	82	400216	32.985	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	27298	9.488	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	27298	7.109	ng	# 22
77) Benzidine	12.939	184	14339	2.491	ng	# 89

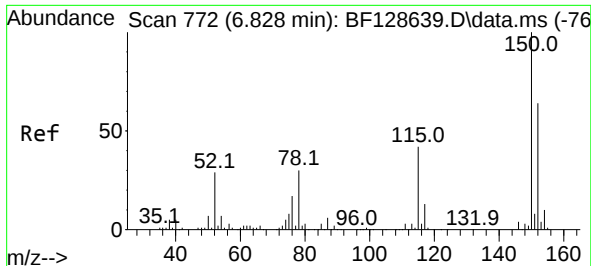
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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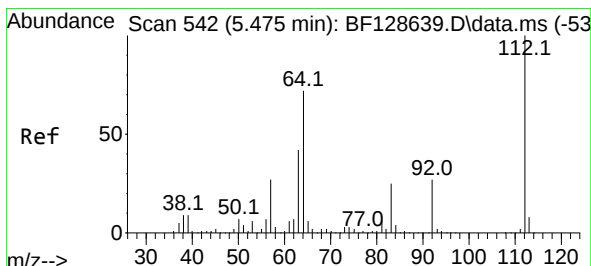
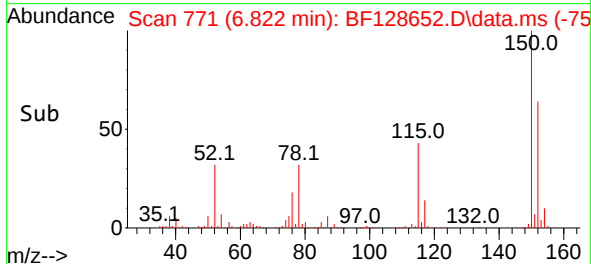
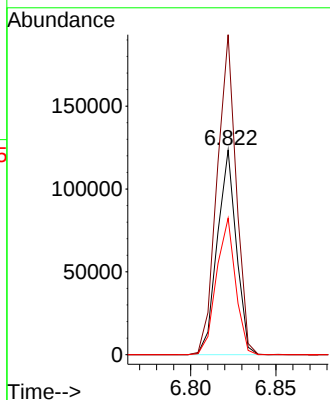
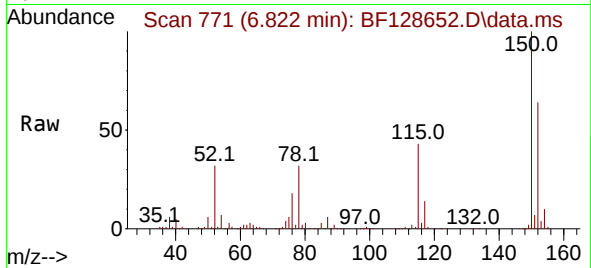




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 772
Delta R.T. -0.006 min
Lab File: BF128652.D
Acq: 02 Jun 2022 22:10

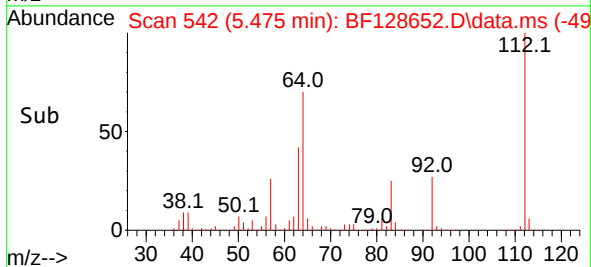
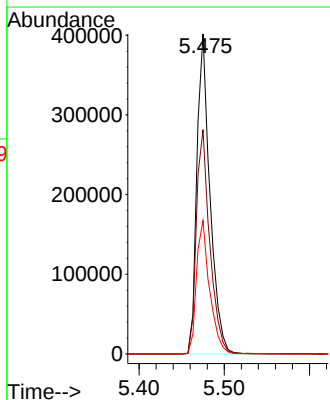
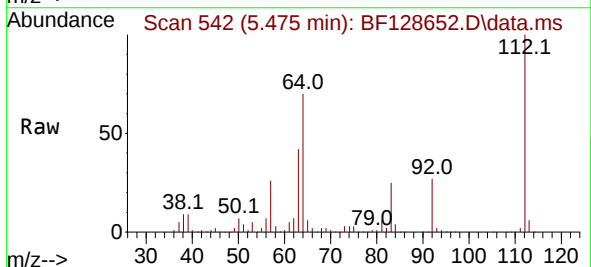
Instrument :
BNA_F
ClientSampleId :
P015-SS002-1218-01

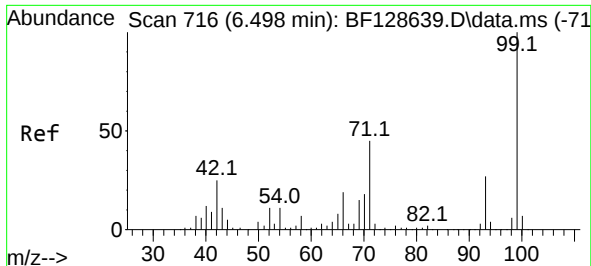
Tgt Ion:152 Resp: 95757
Ion Ratio Lower Upper
152 100
150 156.4 123.7 185.5
115 66.7 49.9 74.9



#5
2-Fluorophenol
Concen: 71.293 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.000 min
Lab File: BF128652.D
Acq: 02 Jun 2022 22:10

Tgt Ion:112 Resp: 428594
Ion Ratio Lower Upper
112 100
64 70.1 53.3 79.9
63 41.7 28.0 42.0

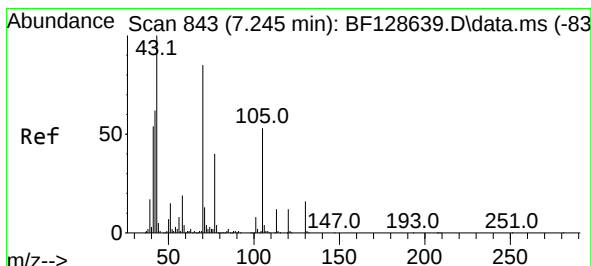
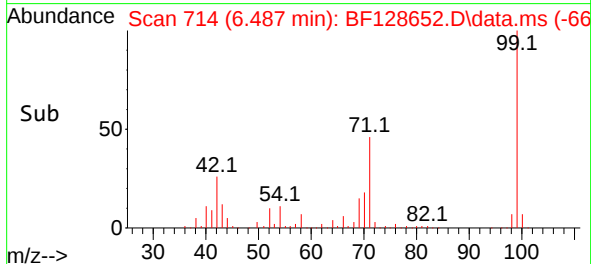
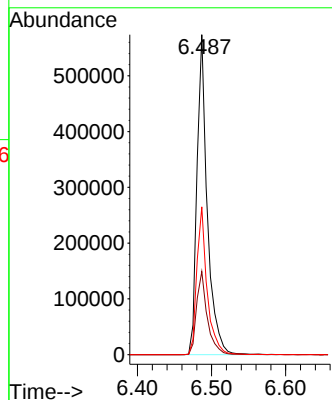
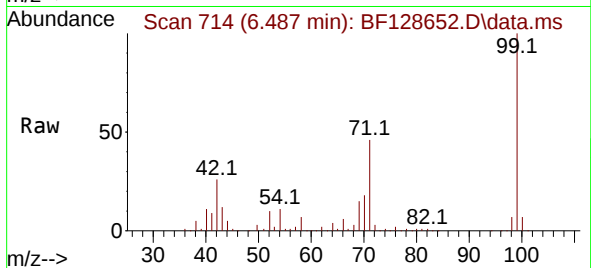




#7
Phenol-d6
Concen: 75.335 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.011 min
Lab File: BF128652.D
Acq: 02 Jun 2022 22:10

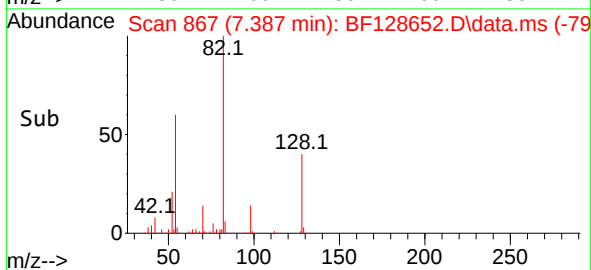
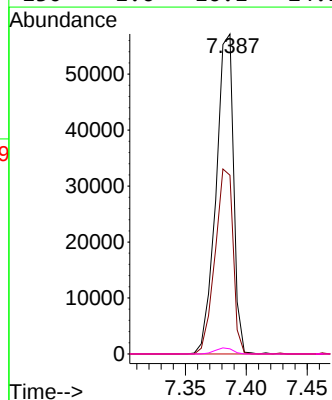
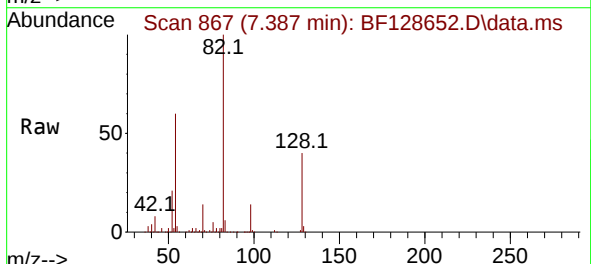
Instrument :
BNA_F
ClientSampleId :
P015-SS002-1218-01

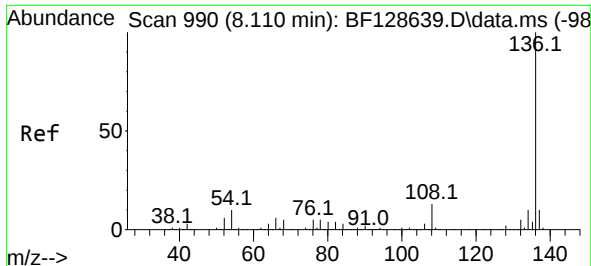
Tgt Ion: 99 Resp: 552839
Ion Ratio Lower Upper
99 100
42 26.0 17.3 25.9#
71 46.2 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 12.589 ng
RT: 7.387 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128652.D
Acq: 02 Jun 2022 22:10

Tgt Ion: 70 Resp: 57440
Ion Ratio Lower Upper
70 100
42 55.9 52.3 78.5
101 0.0 7.5 11.3#
130 1.6 16.1 24.1#

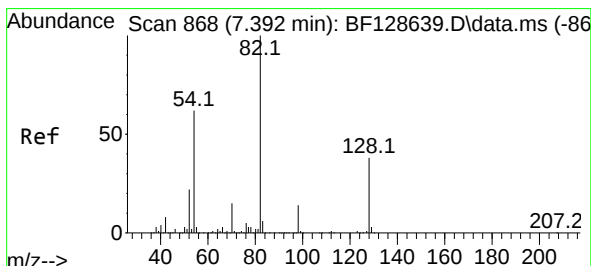
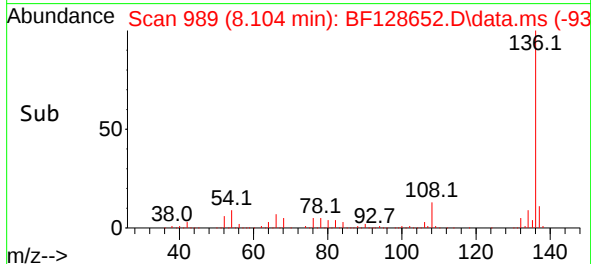
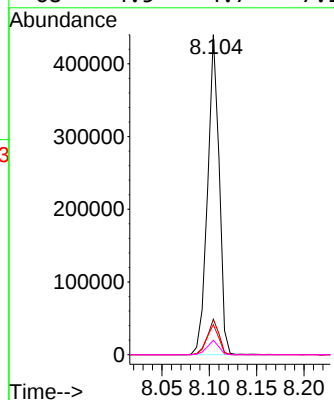
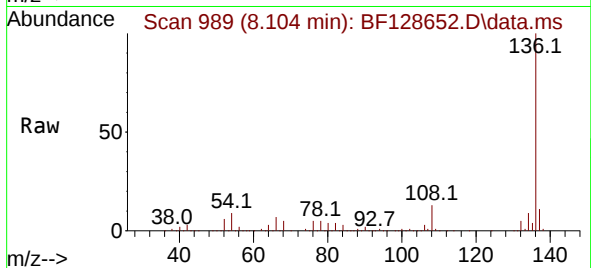




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128652.D
Acq: 02 Jun 2022 22:10

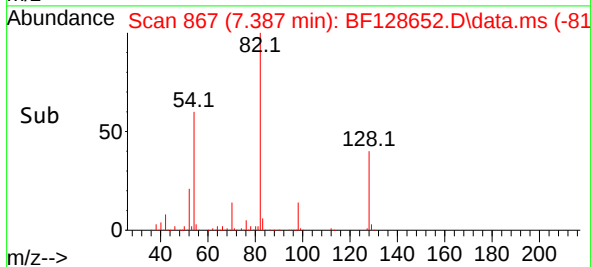
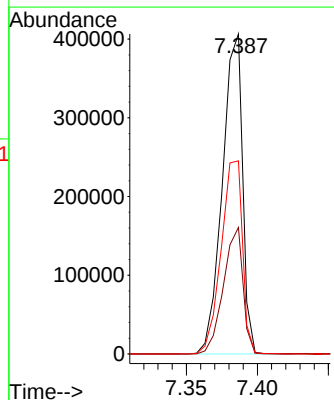
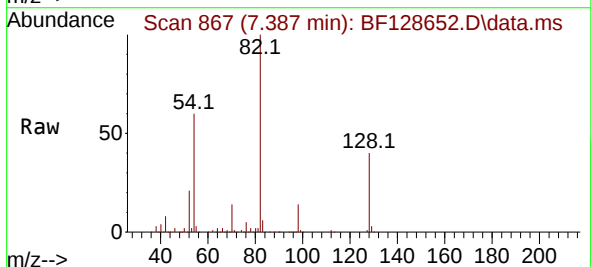
Instrument :
BNA_F
ClientSampleId :
P015-SS002-1218-01

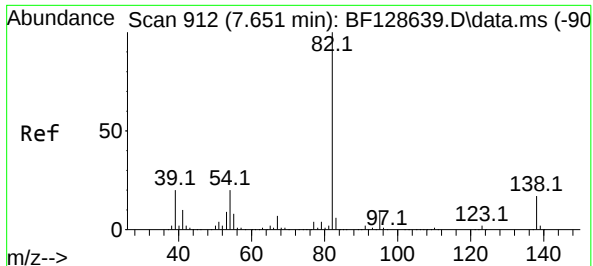
Tgt Ion:136 Resp: 371950
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.4 7.5 11.3
68 4.5 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 50.234 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.005 min
Lab File: BF128652.D
Acq: 02 Jun 2022 22:10

Tgt Ion: 82 Resp: 401309
Ion Ratio Lower Upper
82 100
128 39.5 34.0 51.0
54 60.4 46.9 70.3

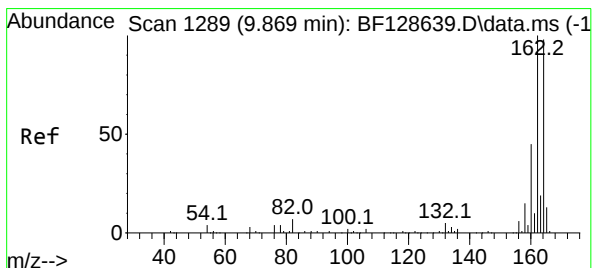
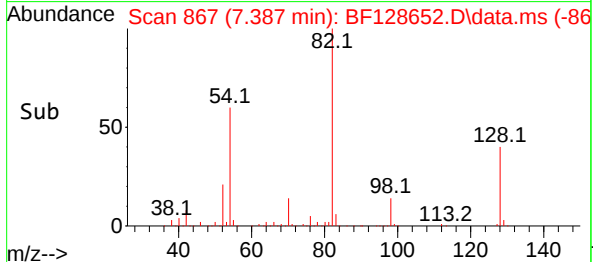
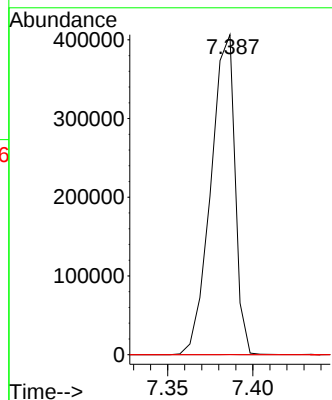
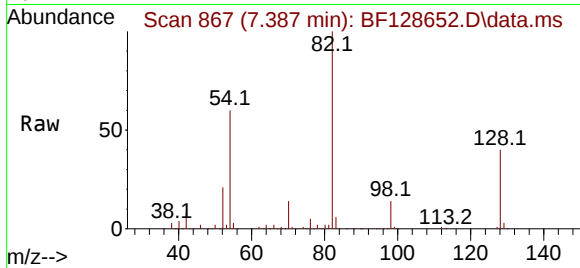




#25
Isophorone
Concen: 32.985 ng
RT: 7.387 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128652.D
Acq: 02 Jun 2022 22:10

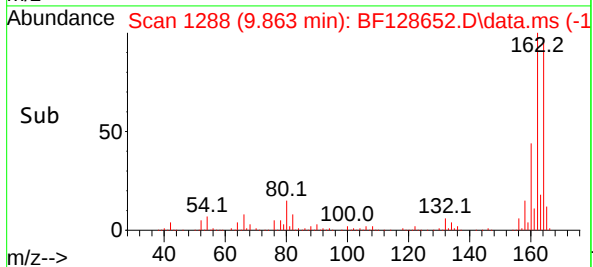
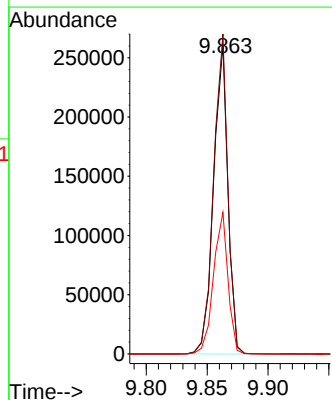
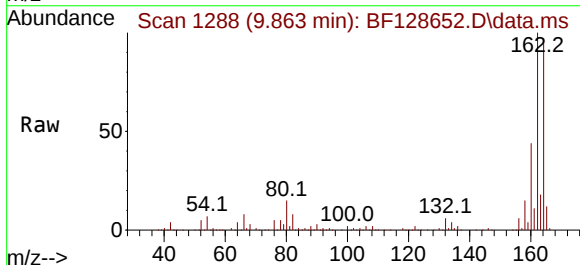
Instrument :
BNA_F
ClientSampleId :
P015-SS002-1218-01

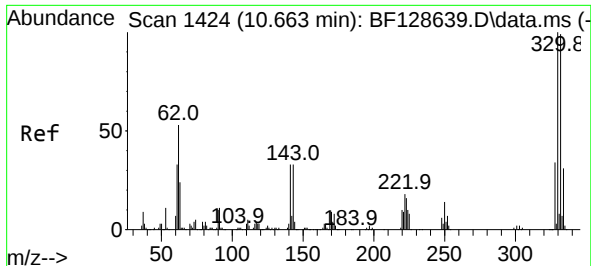
Tgt Ion: 82 Resp: 400216
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128652.D
Acq: 02 Jun 2022 22:10

Tgt Ion:164 Resp: 212972
Ion Ratio Lower Upper
164 100
162 103.5 79.5 119.3
160 45.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 43.491 ng

RT: 10.651 min Scan# 1422

Delta R.T. -0.012 min

Lab File: BF128652.D

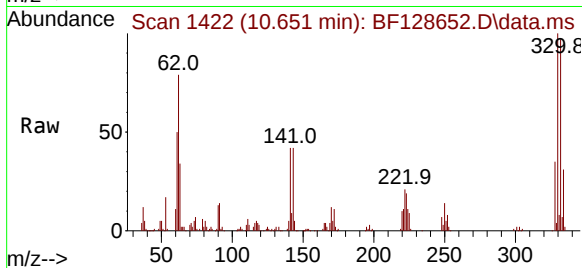
Acq: 02 Jun 2022 22:10

Instrument :

BNA_F

ClientSampleId :

P015-SS002-1218-01



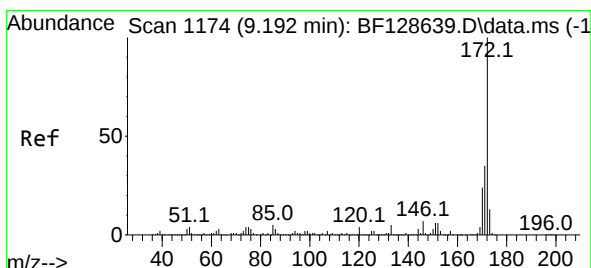
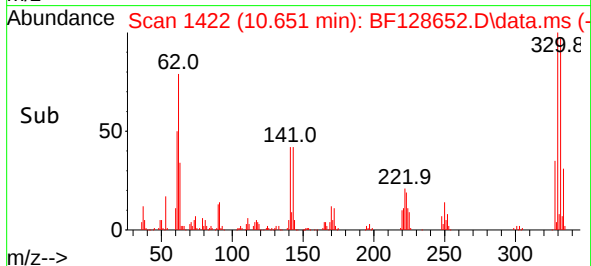
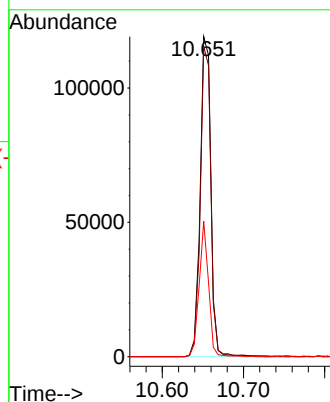
Tgt Ion:330 Resp: 109439

Ion Ratio Lower Upper

330 100

332 95.2 76.8 115.2

141 37.1 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 44.705 ng

RT: 9.181 min Scan# 1172

Delta R.T. -0.011 min

Lab File: BF128652.D

Acq: 02 Jun 2022 22:10

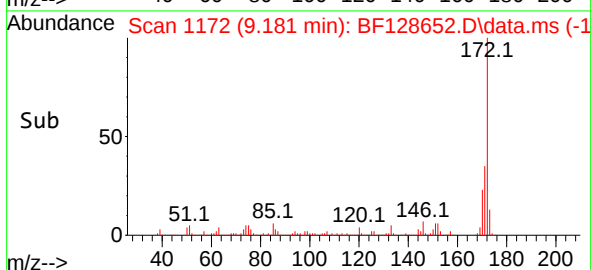
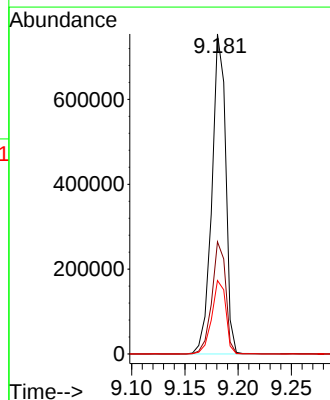
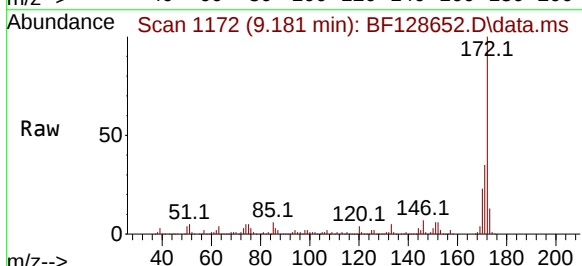
Tgt Ion:172 Resp: 679680

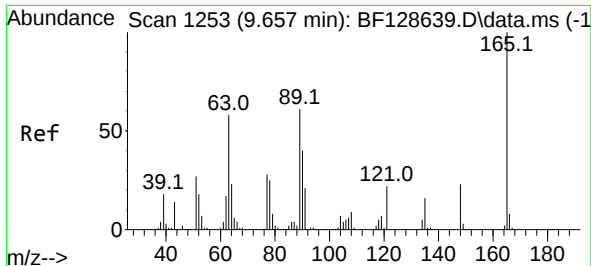
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.0 19.8 29.8

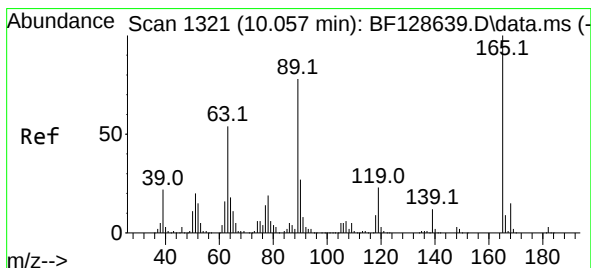
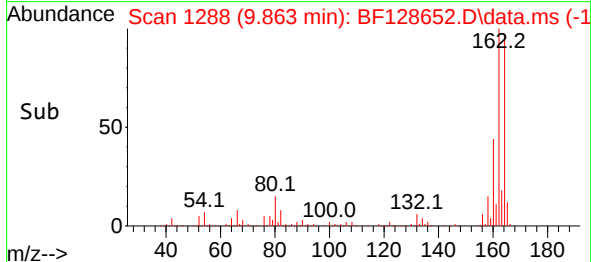
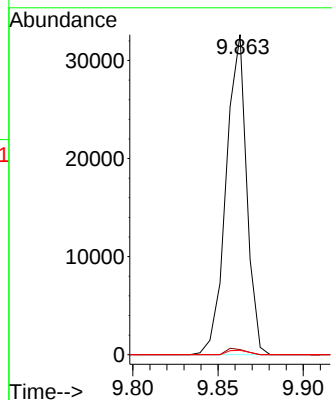
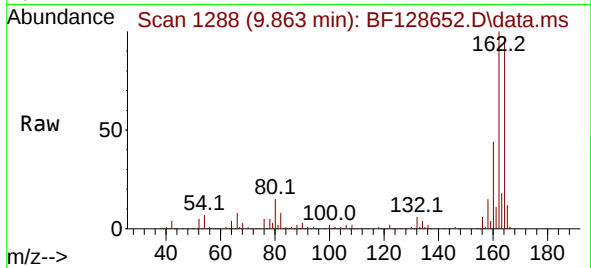




#51
2,6-Dinitrotoluene
Concen: 9.488 ng
RT: 9.863 min Scan# 1288
Delta R.T. 0.206 min
Lab File: BF128652.D
Acq: 02 Jun 2022 22:10

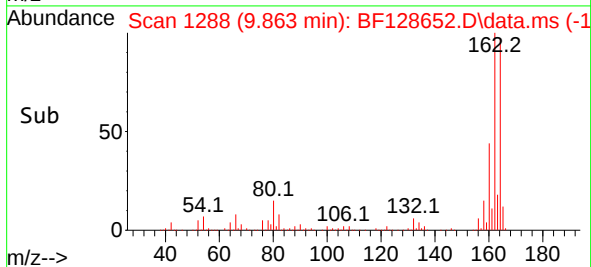
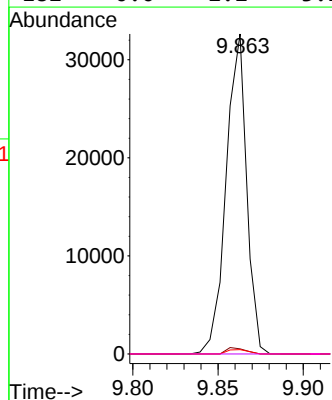
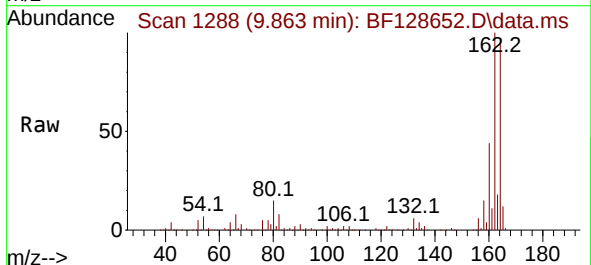
Instrument :
BNA_F
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P015-SS002-1218-01

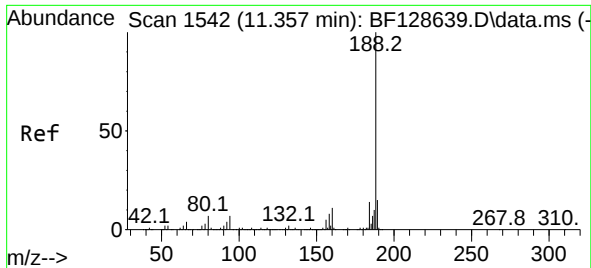
Tgt Ion:165 Resp: 27298
Ion Ratio Lower Upper
165 100
63 1.6 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.109 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.194 min
Lab File: BF128652.D
Acq: 02 Jun 2022 22:10

Tgt Ion:165 Resp: 27298
Ion Ratio Lower Upper
165 100
63 1.6 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#

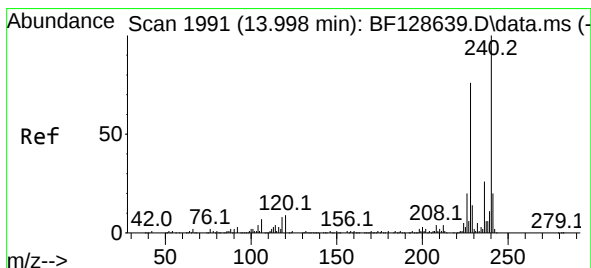
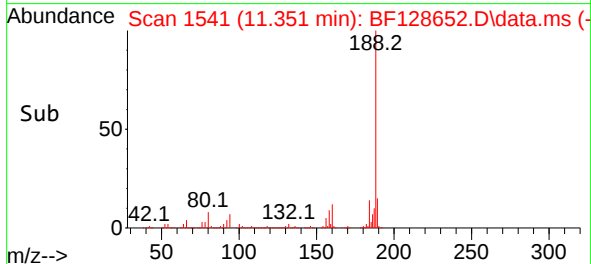
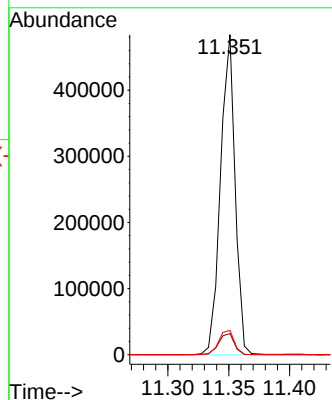
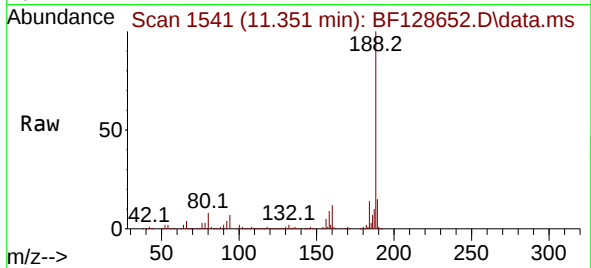




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128652.D
Acq: 02 Jun 2022 22:10

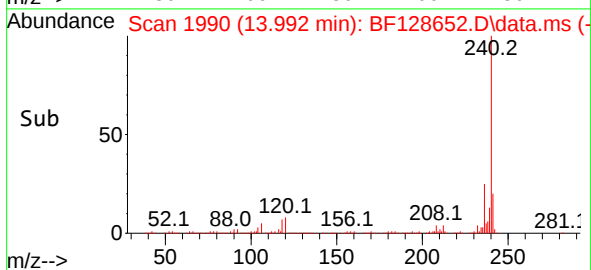
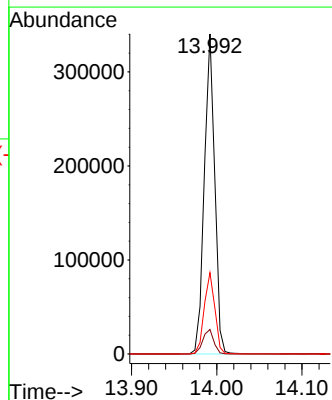
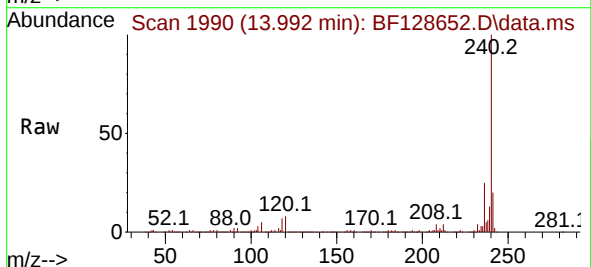
Instrument :
BNA_F
ClientSampleId :
P015-SS002-1218-01

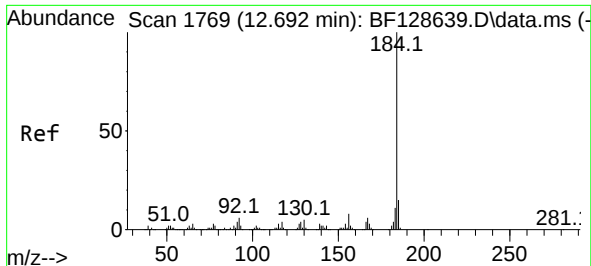
Tgt Ion:188 Resp: 405220
Ion Ratio Lower Upper
188 100
94 6.6 7.0 10.6#
80 7.6 7.6 11.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128652.D
Acq: 02 Jun 2022 22:10

Tgt Ion:240 Resp: 288775
Ion Ratio Lower Upper
240 100
120 7.7 8.9 13.3#
236 25.4 20.8 31.2

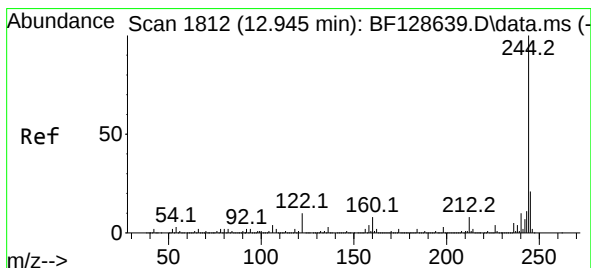
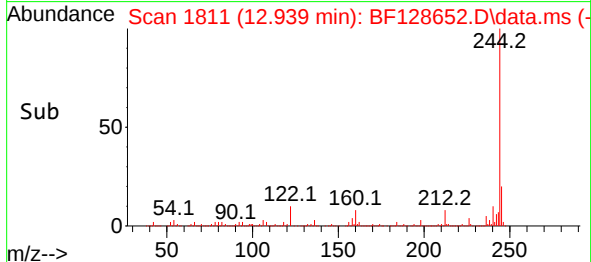
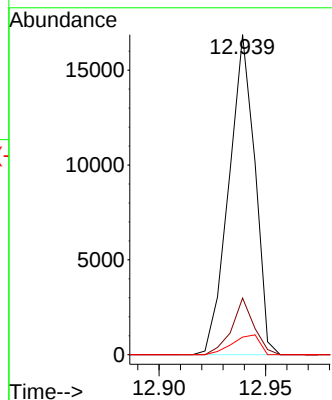
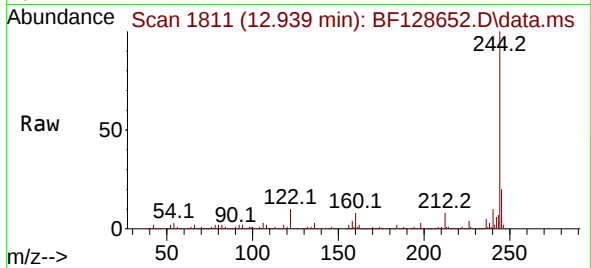




#77
Benzidine
Concen: 2.491 ng
RT: 12.939 min Scan# 1811
Delta R.T. 0.247 min
Lab File: BF128652.D
Acq: 02 Jun 2022 22:10

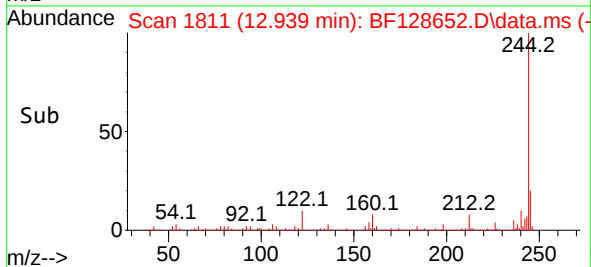
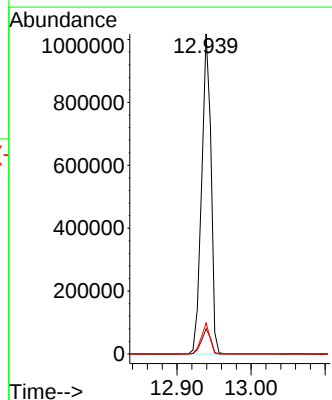
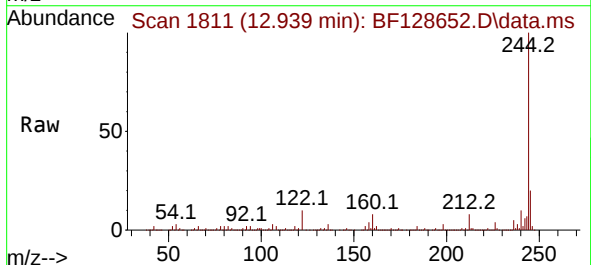
Instrument :
BNA_F
ClientSampleId :
P015-SS002-1218-01

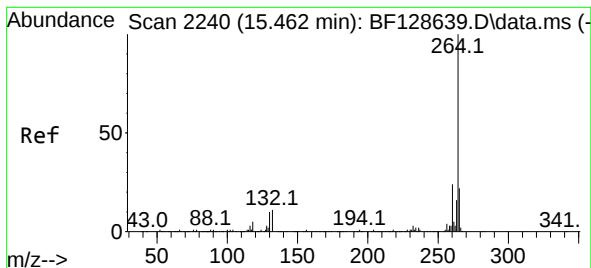
Tgt Ion:184 Resp: 14339
Ion Ratio Lower Upper
184 100
185 17.7 11.9 17.9
183 5.5 9.3 13.9#



#79
Terphenyl-d14
Concen: 53.484 ng
RT: 12.939 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF128652.D
Acq: 02 Jun 2022 22:10

Tgt Ion:244 Resp: 888850
Ion Ratio Lower Upper
244 100
212 7.9 6.1 9.1
122 9.7 8.8 13.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 21

Delta R.T. -0.005 min

Lab File: BF128652.D

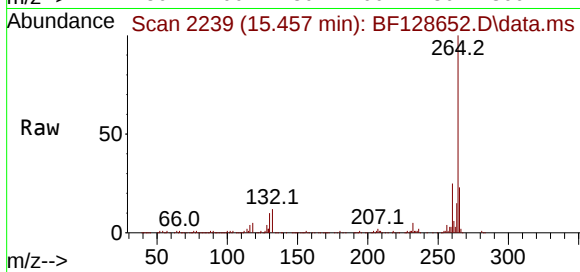
Acq: 02 Jun 2022 22:10

Instrument :

BNA_F

ClientSampleId :

P015-SS002-1218-01



Tgt Ion:264 Resp: 210327

Ion Ratio Lower Upper

264 100

260 25.3 18.4 27.6

265 23.0 17.2 25.8

