

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128651.D
 Acq On : 02 Jun 2022 21:40
 Operator : CG\JU
 Sample : N2988-24
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P015-SS006-0006-01

Quant Time: Jun 03 03:27:41 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)

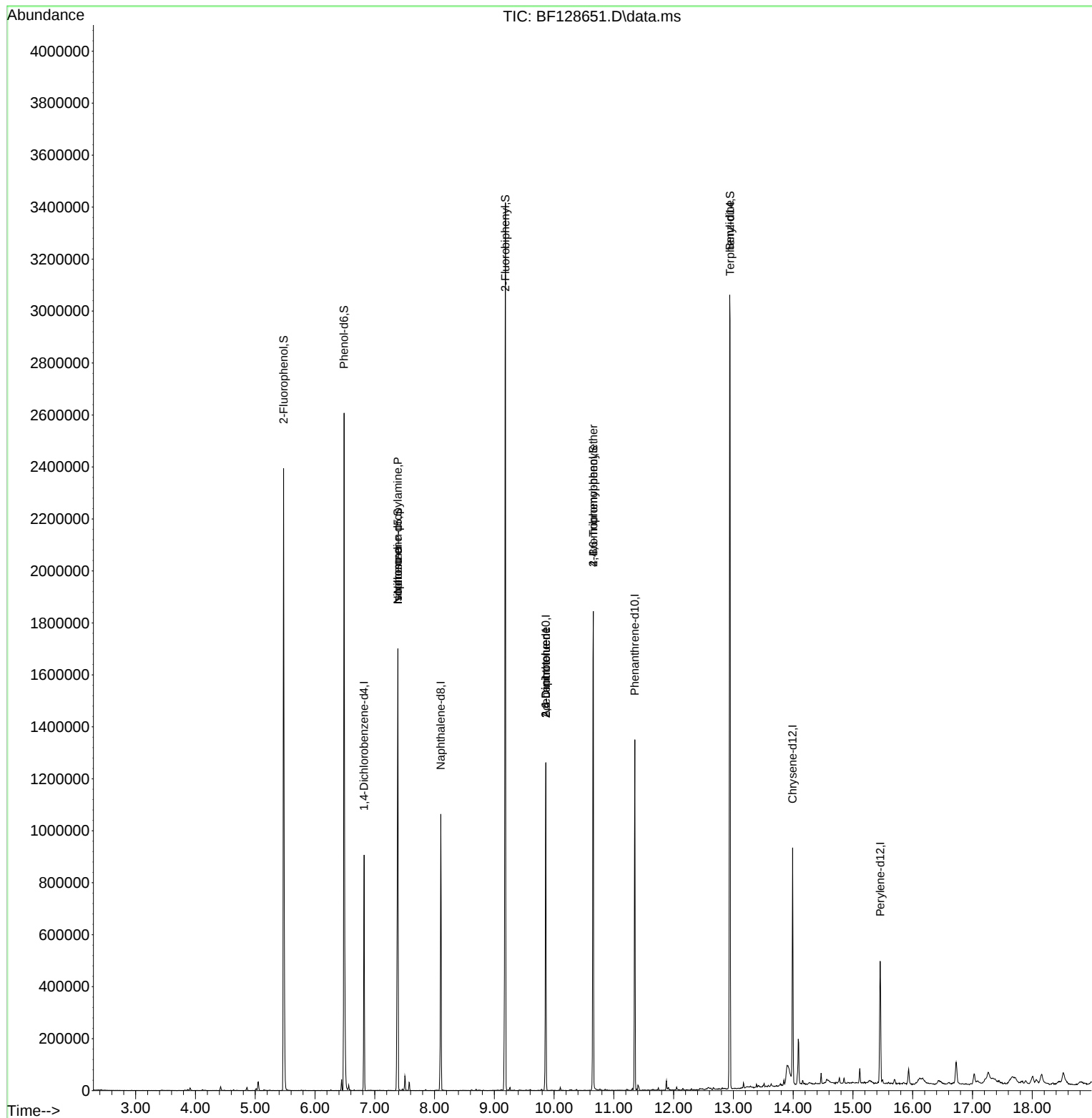
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	109367	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	422633	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	242117	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	444017	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	284070	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	212514	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	569632	82.962	ng	0.00
7) Phenol-d6	6.487	99	729289	87.013	ng	-0.01
23) Nitrobenzene-d5	7.387	82	534166	58.845	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	199111	69.601	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1031489	59.678	ng	0.00
79) Terphenyl-d14	12.945	244	1098585	67.200	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.387	70	78472	15.058	ng	# 80
25) Isophorone	7.387	82	532007	38.589	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	31053	9.494	ng	# 26
57) 2,4-Dinitrotoluene	9.863	165	31053	7.114	ng	# 22
67) 4-Bromophenyl-phenylether	10.657	248	13471	2.721	ng	# 1
77) Benzidine	12.939	184	17559	3.101	ng	# 90

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

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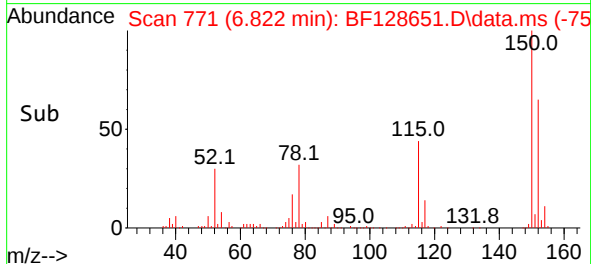
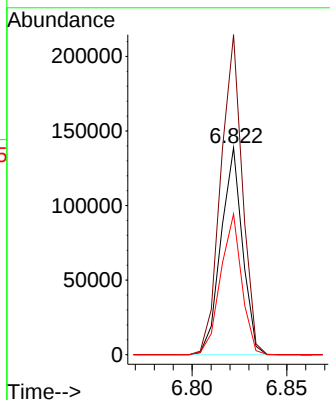
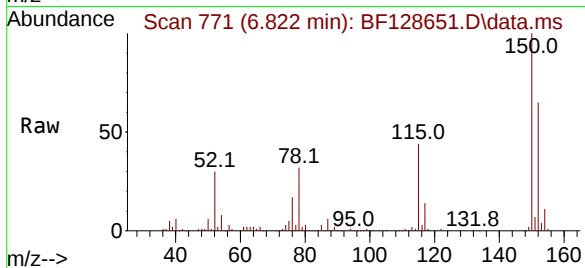




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128651.D
Acq: 02 Jun 2022 21:40

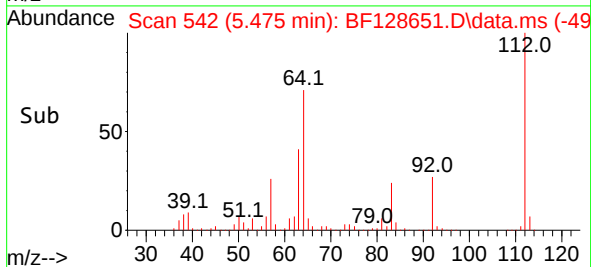
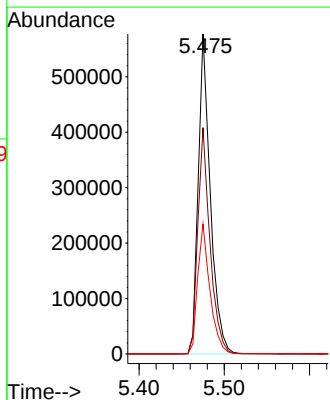
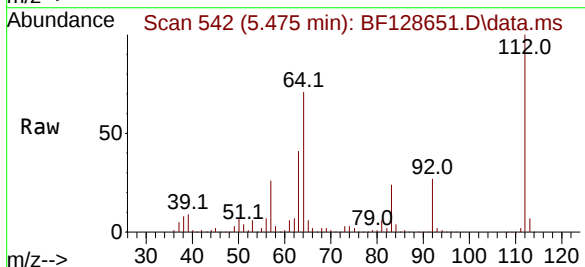
Instrument :
BNA_F
ClientSampleId :
P015-SS006-0006-01

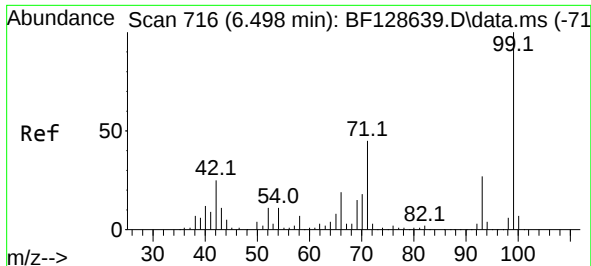
Tgt Ion:152 Resp: 109367
Ion Ratio Lower Upper
152 100
150 154.6 123.7 185.5
115 67.9 49.9 74.9



#5
2-Fluorophenol
Concen: 82.962 ng
RT: 5.475 min Scan# 542
Delta R.T. -0.000 min
Lab File: BF128651.D
Acq: 02 Jun 2022 21:40

Tgt Ion:112 Resp: 569632
Ion Ratio Lower Upper
112 100
64 70.8 53.3 79.9
63 40.6 28.0 42.0

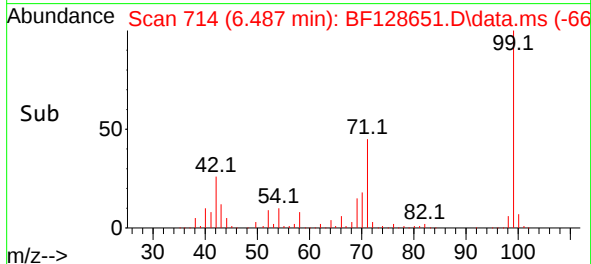
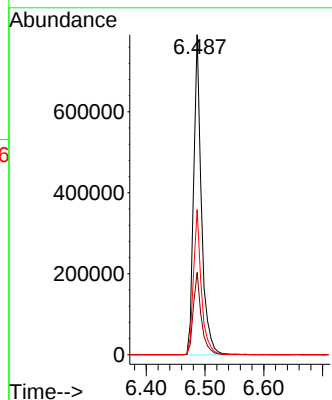
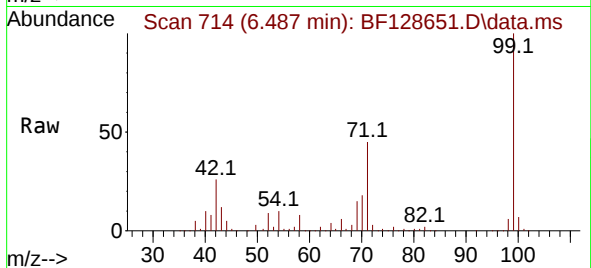




#7
Phenol-d6
Concen: 87.013 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.011 min
Lab File: BF128651.D
Acq: 02 Jun 2022 21:40

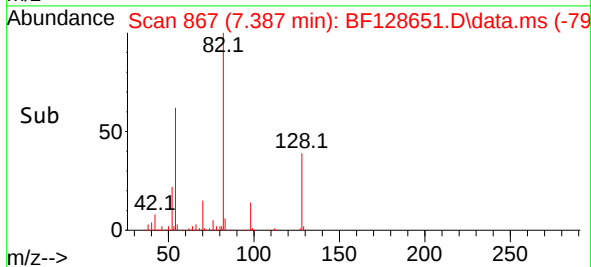
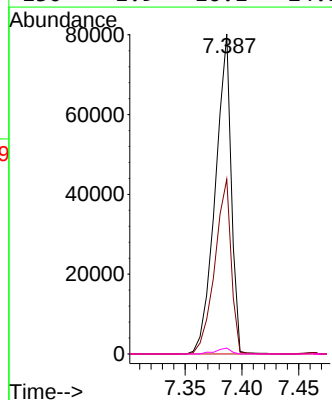
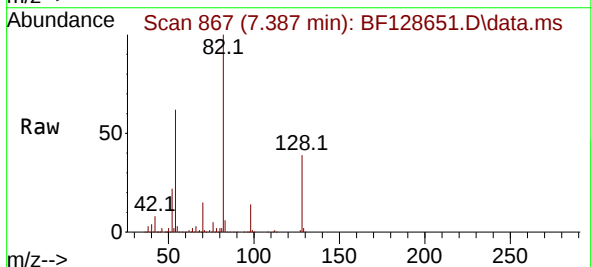
Instrument :
BNA_F
ClientSampleId :
P015-SS006-0006-01

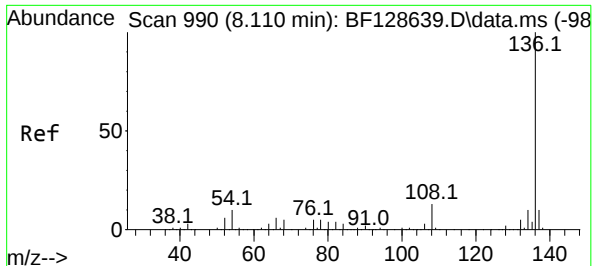
Tgt Ion: 99 Resp: 729289
Ion Ratio Lower Upper
99 100
42 25.7 17.3 25.9
71 45.4 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 15.058 ng
RT: 7.387 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128651.D
Acq: 02 Jun 2022 21:40

Tgt Ion: 70 Resp: 78472
Ion Ratio Lower Upper
70 100
42 54.6 52.3 78.5
101 0.0 7.5 11.3#
130 1.9 16.1 24.1#

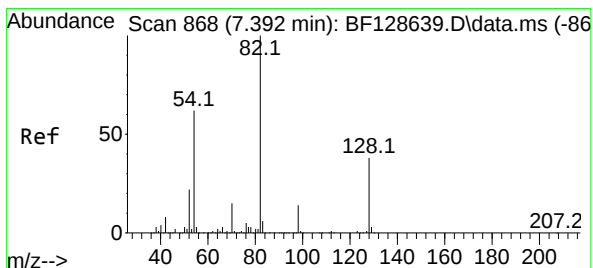
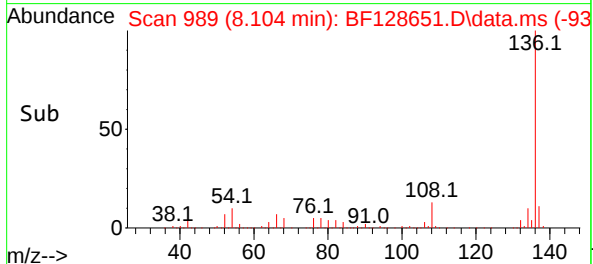
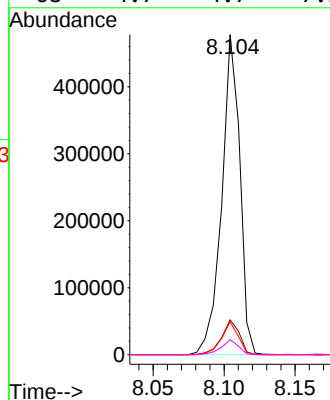
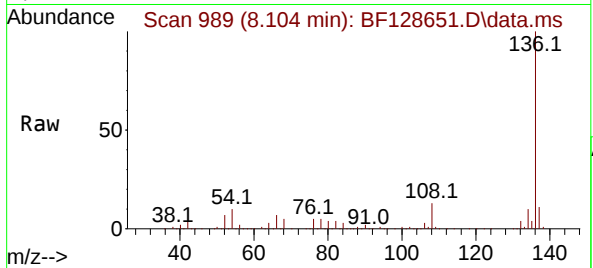




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128651.D
Acq: 02 Jun 2022 21:40

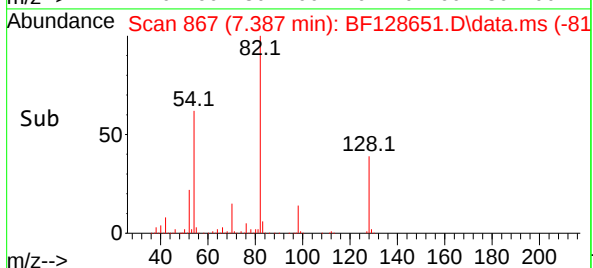
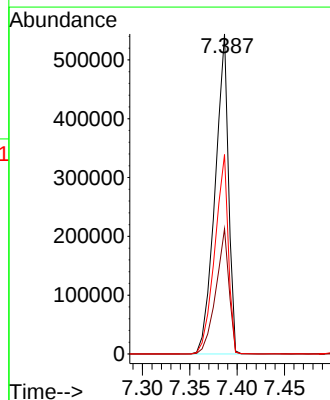
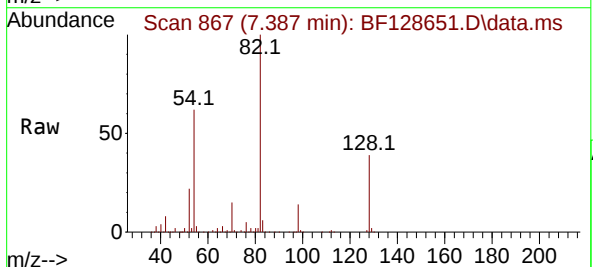
Instrument :
BNA_F
ClientSampleId :
P015-SS006-0006-01

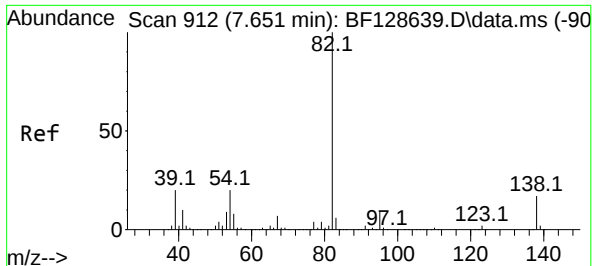
Tgt Ion:136 Resp: 422633
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.3 7.5 11.3
68 4.7 4.7 7.1



#23
Nitrobenzene-d5
Concen: 58.845 ng
RT: 7.387 min Scan# 867
Delta R.T. -0.005 min
Lab File: BF128651.D
Acq: 02 Jun 2022 21:40

Tgt Ion: 82 Resp: 534166
Ion Ratio Lower Upper
82 100
128 39.1 34.0 51.0
54 62.3 46.9 70.3

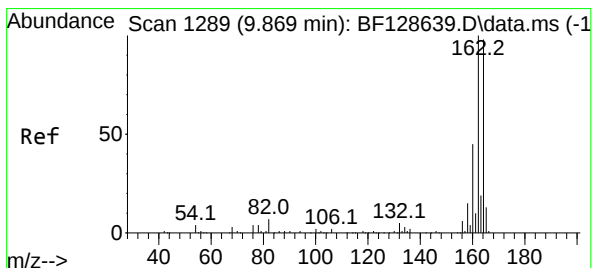
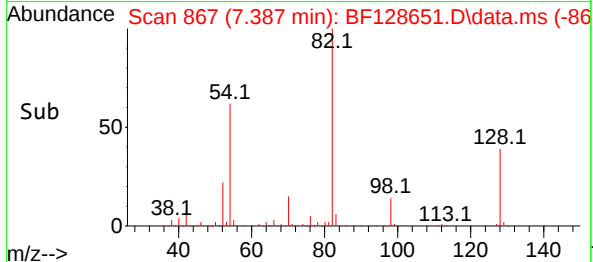
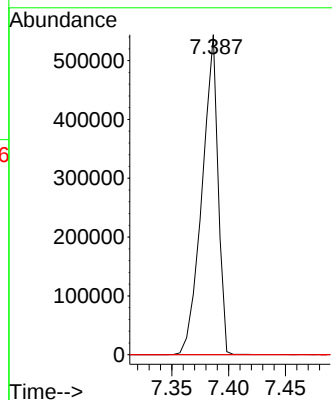
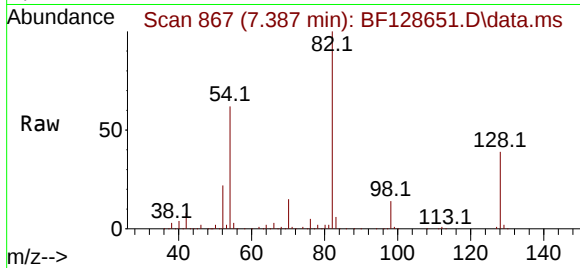




#25
Isophorone
Concen: 38.589 ng
RT: 7.387 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128651.D
Acq: 02 Jun 2022 21:40

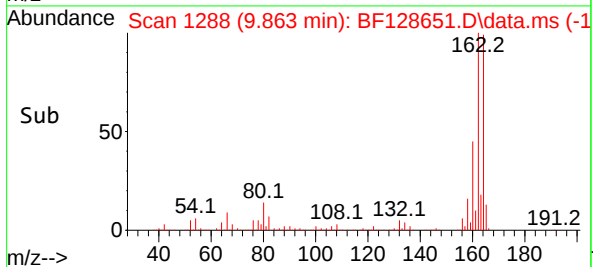
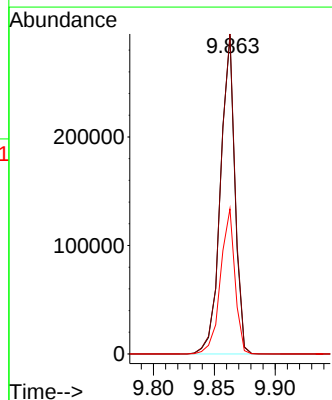
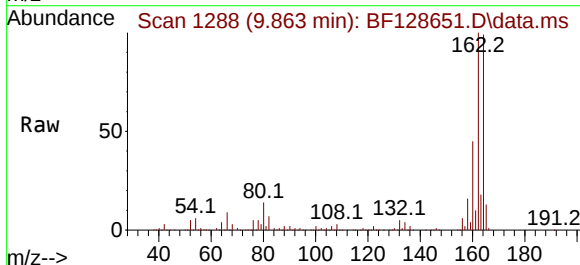
Instrument :
BNA_F
ClientSampleId :
P015-SS006-0006-01

Tgt Ion: 82 Resp: 532007
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: BF128651.D
Acq: 02 Jun 2022 21:40

Tgt Ion:164 Resp: 242117
Ion Ratio Lower Upper
164 100
162 100.7 79.5 119.3
160 45.7 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 69.601 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.006 min

Lab File: BF128651.D

Acq: 02 Jun 2022 21:40

Instrument :

BNA_F

ClientSampleId :

P015-SS006-0006-01

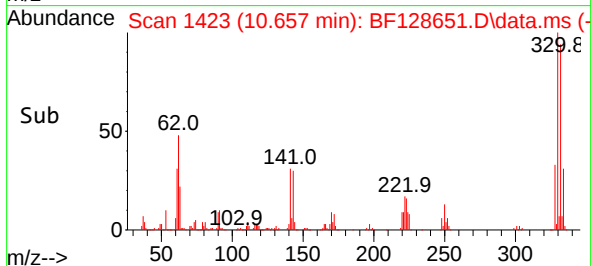
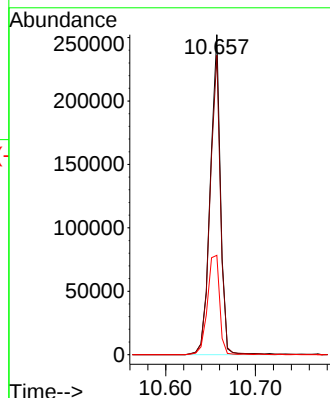
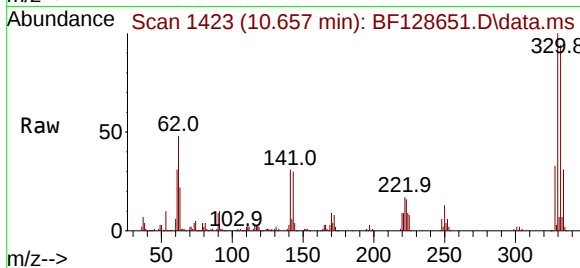
Tgt Ion:330 Resp: 199111

Ion Ratio Lower Upper

330 100

332 95.8 76.8 115.2

141 37.0 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 59.678 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128651.D

Acq: 02 Jun 2022 21:40

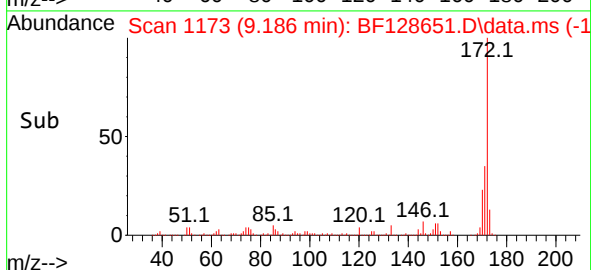
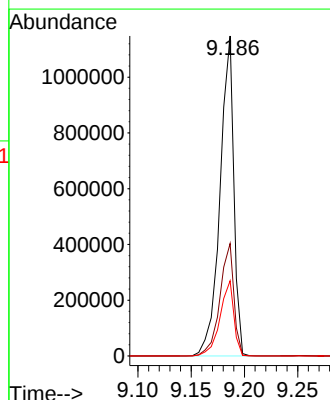
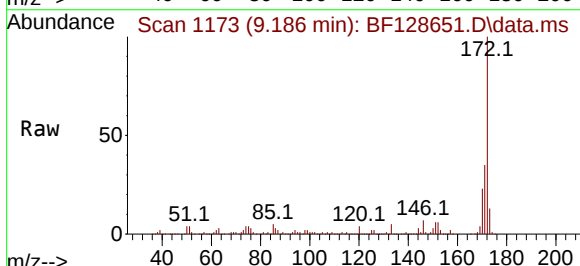
Tgt Ion:172 Resp: 1031489

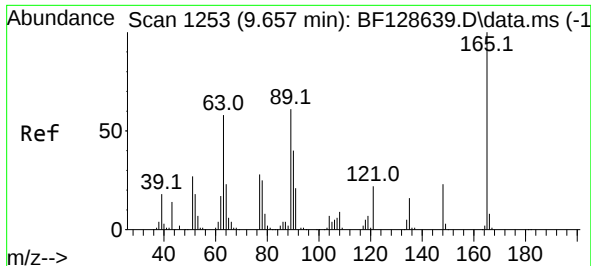
Ion Ratio Lower Upper

172 100

171 35.1 28.8 43.2

170 23.5 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.494 ng

RT: 9.863 min Scan# 1288

Delta R.T. 0.206 min

Lab File: BF128651.D

Acq: 02 Jun 2022 21:40

Instrument :

BNA_F

ClientSampleId :

P015-SS006-0006-01

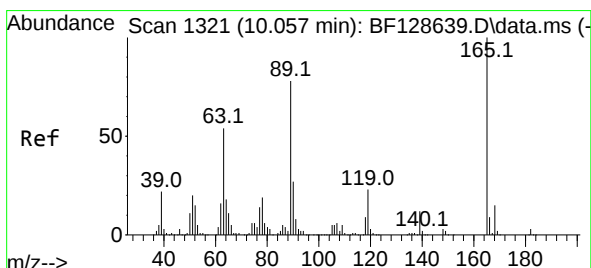
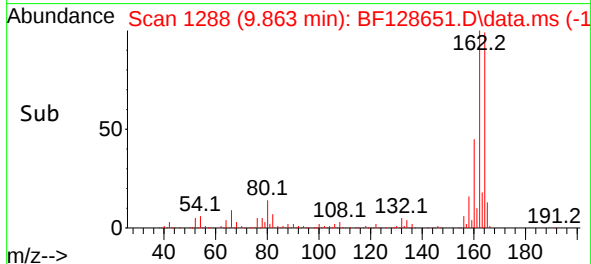
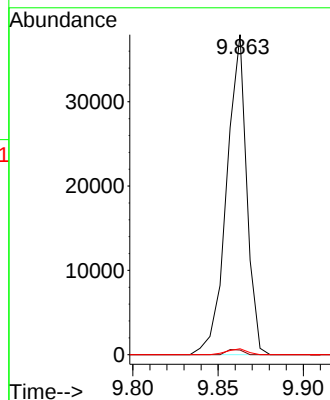
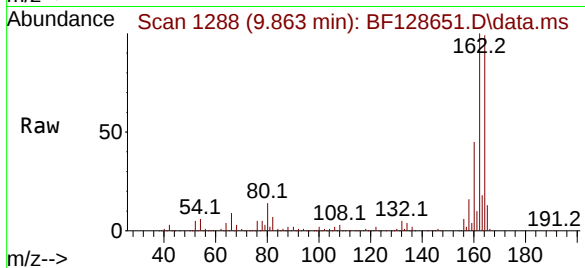
Tgt Ion:165 Resp: 31053

Ion Ratio Lower Upper

165 100

63 1.5 44.9 67.3#

89 1.9 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 7.114 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.194 min

Lab File: BF128651.D

Acq: 02 Jun 2022 21:40

Tgt Ion:165 Resp: 31053

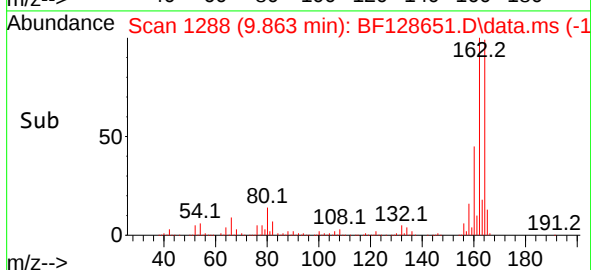
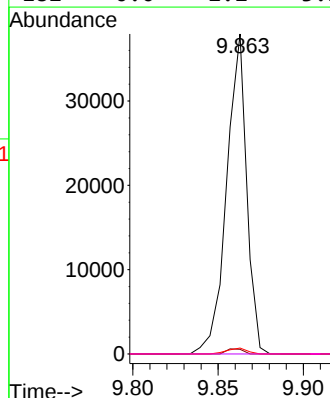
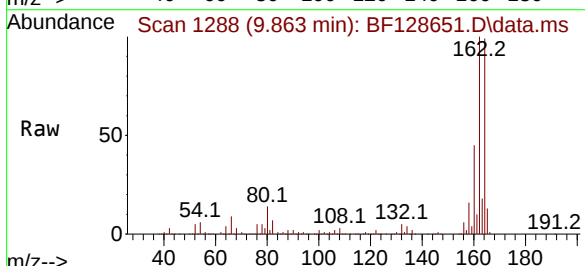
Ion Ratio Lower Upper

165 100

63 1.5 39.8 59.6#

89 1.9 60.2 90.2#

182 0.0 2.2 3.2#

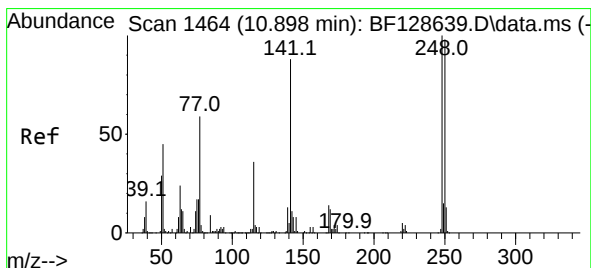
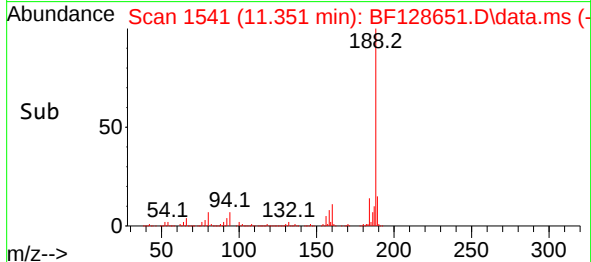
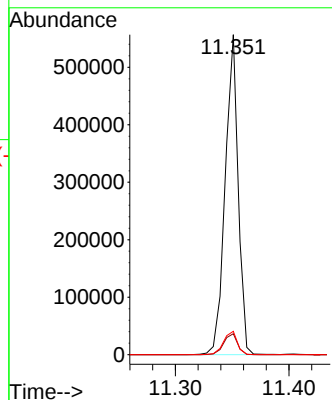
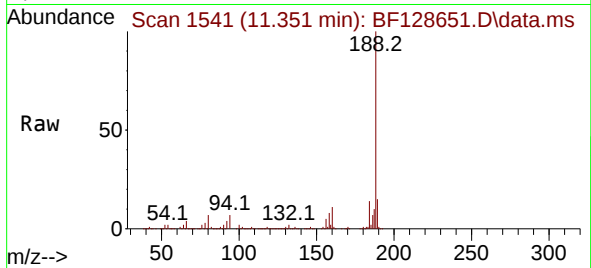




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128651.D
Acq: 02 Jun 2022 21:40

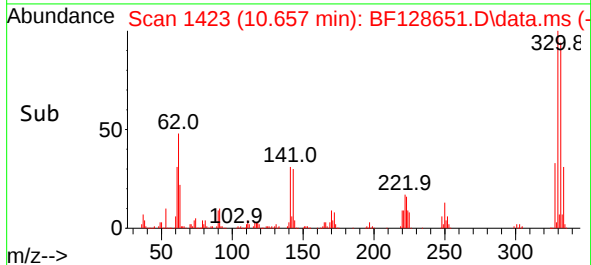
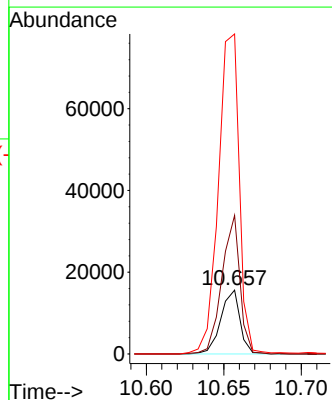
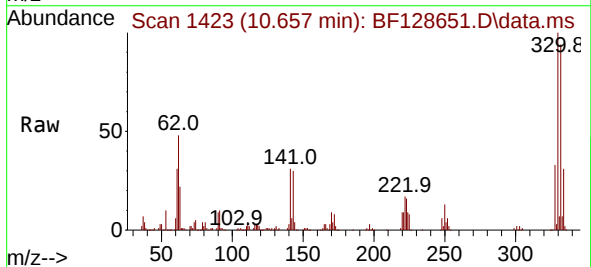
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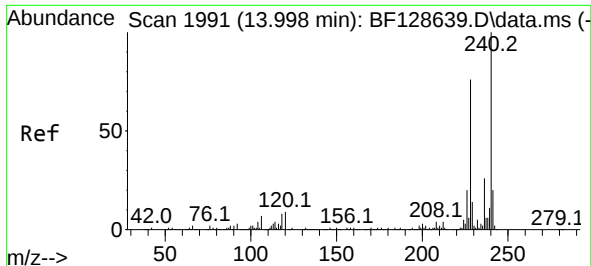
Tgt Ion:188 Resp: 444017
Ion Ratio Lower Upper
188 100
94 6.5 7.0 10.6#
80 7.3 7.6 11.4#



#67
4-Bromophenyl-phenylether
Concen: 2.721 ng
RT: 10.657 min Scan# 1423
Delta R.T. -0.241 min
Lab File: BF128651.D
Acq: 02 Jun 2022 21:40

Tgt Ion:248 Resp: 13471
Ion Ratio Lower Upper
248 100
250 217.2 80.6 120.8#
141 501.6 58.9 88.3#

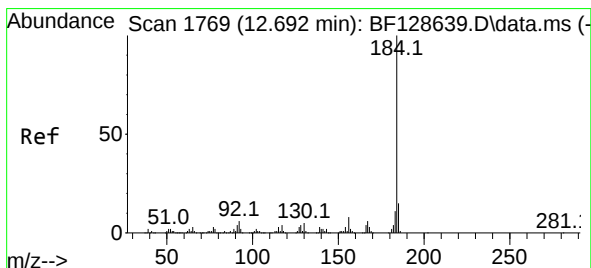
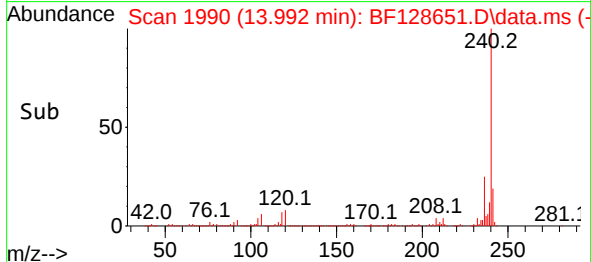
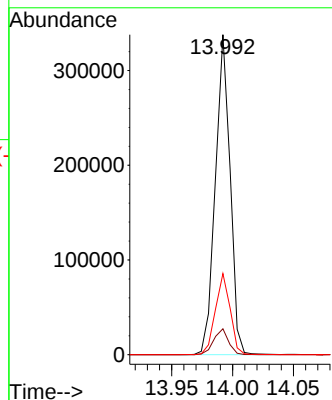
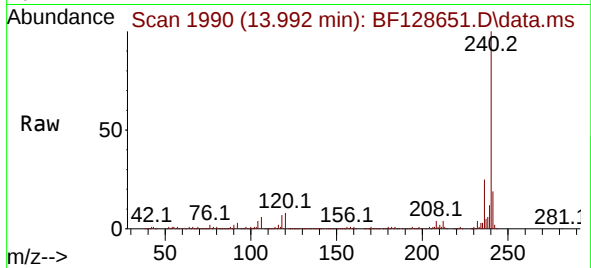




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1811
Delta R.T. -0.006 min
Lab File: BF128651.D
Acq: 02 Jun 2022 21:40

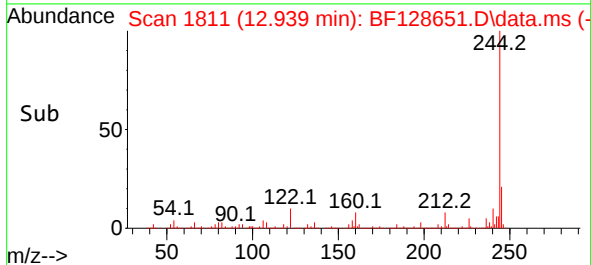
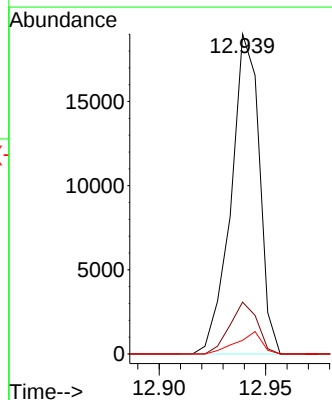
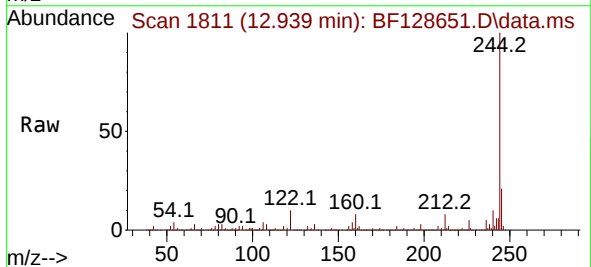
Instrument :
BNA_F
ClientSampleId :
P015-SS006-0006-01

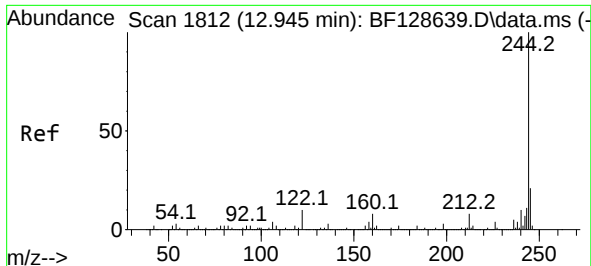
Tgt Ion:240 Resp: 284070
Ion Ratio Lower Upper
240 100
120 8.1 8.9 13.3#
236 25.3 20.8 31.2



#77
Benzidine
Concen: 3.101 ng
RT: 12.939 min Scan# 1811
Delta R.T. 0.247 min
Lab File: BF128651.D
Acq: 02 Jun 2022 21:40

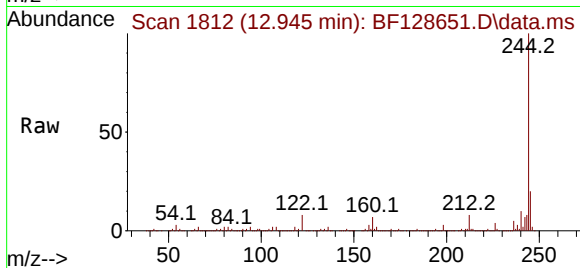
Tgt Ion:184 Resp: 17559
Ion Ratio Lower Upper
184 100
185 16.2 11.9 17.9
183 4.2 9.3 13.9#



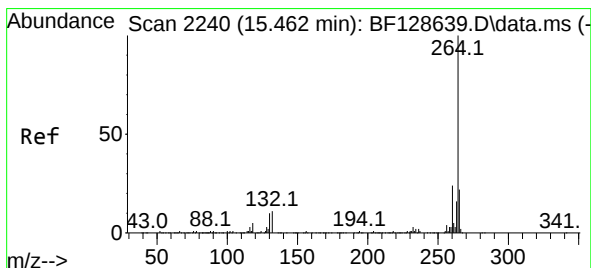
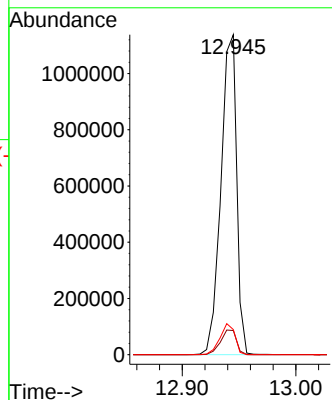
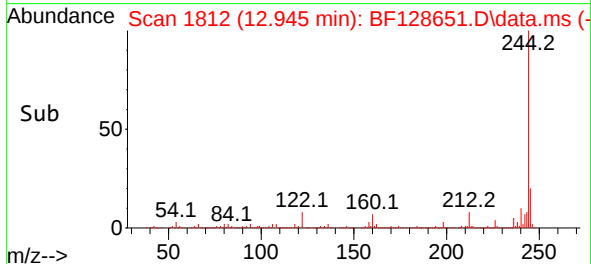


#79
 Terphenyl-d14
 Concen: 67.200 ng
 RT: 12.945 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128651.D
 Acq: 02 Jun 2022 21:40

Instrument :
 BNA_F
 ClientSampleId :
 P015-SS006-0006-01



Tgt Ion:244 Resp: 1098585
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.1 9.1
 122 7.9 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: BF128651.D
 Acq: 02 Jun 2022 21:40

Tgt Ion:264 Resp: 212514
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.4 27.6
 265 21.6 17.2 25.8

