

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
 Data File : BF126565.D
 Acq On : 10 Jan 2022 14:49
 Operator : JU/CG
 Sample : N1071-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-010622

Quant Time: Jan 10 17:16:53 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 10 14:50:31 2022
 Response via : Initial Calibration

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

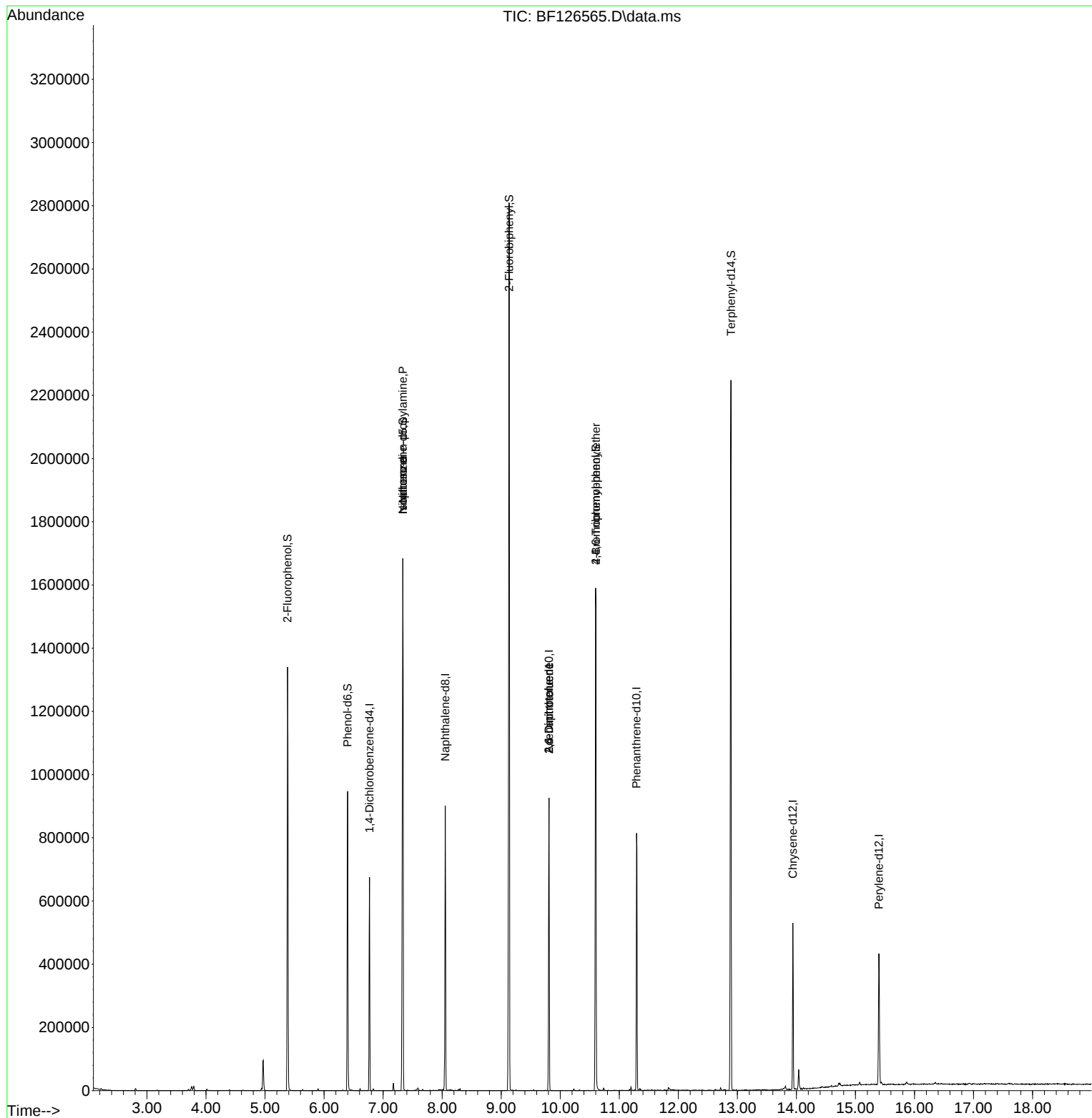
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	93301	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	390376	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	186664	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	295553	20.000	ng	0.00
76) Chrysene-d12	13.939	240	163626	20.000	ng	0.00
86) Perylene-d12	15.398	264	167762	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	380995	58.642	ng	0.00
7) Phenol-d6	6.398	99	290150	34.480	ng	-0.01
23) Nitrobenzene-d5	7.333	82	658612	86.627	ng	0.00
42) 2,4,6-Tribromophenol	10.604	330	222835	154.485	ng	0.00
45) 2-Fluorobiphenyl	9.133	172	943507	88.947	ng	0.00
79) Terphenyl-d14	12.892	244	795328	94.439	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.333	70	83768	17.445	ng	# 81
25) Isophorone	7.333	82	658477	48.381	ng	# 69
51) 2,6-Dinitrotoluene	9.810	165	23592	9.375	ng	# 20
57) 2,4-Dinitrotoluene	9.810	165	23592	7.266	ng	# 14
67) 4-Bromophenyl-phenylether	10.604	248	12097	4.611	ng	# 1
77) Benzydine	12.892	184	9736	Below Cal		# 93

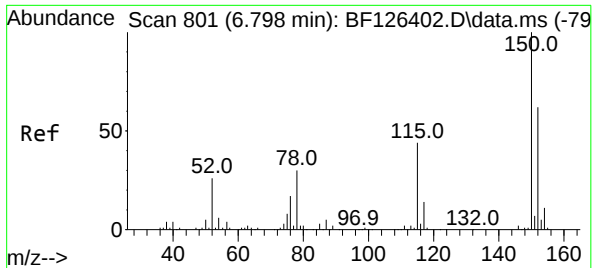
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 10 14:50:31 2022
Response via : Initial Calibration

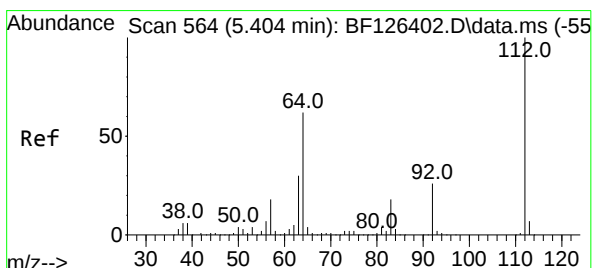
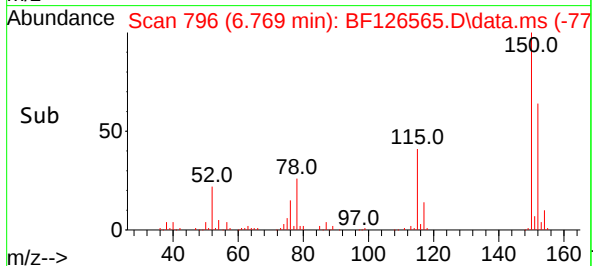
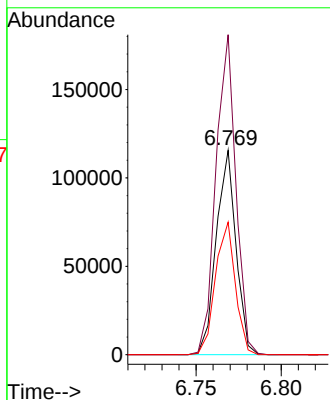
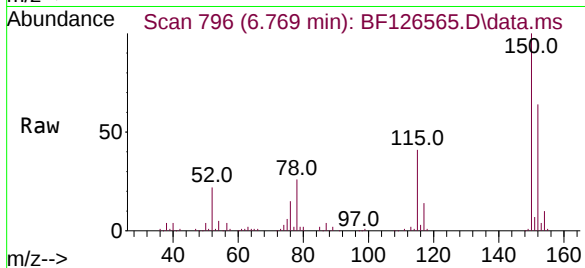




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 79
Delta R.T. -0.000 min
Lab File: BF126565.D
Acq: 10 Jan 2022 14:49

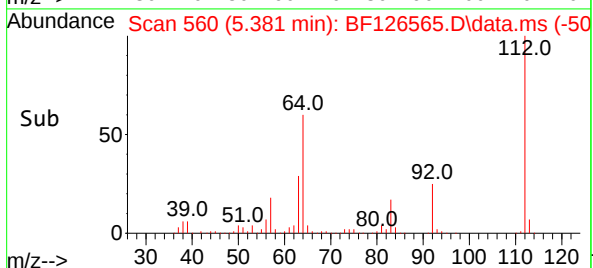
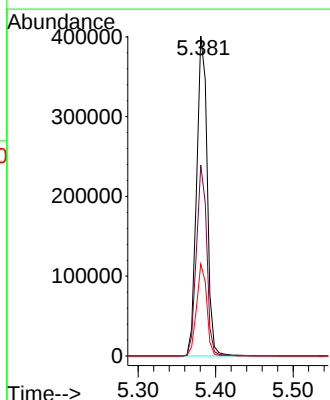
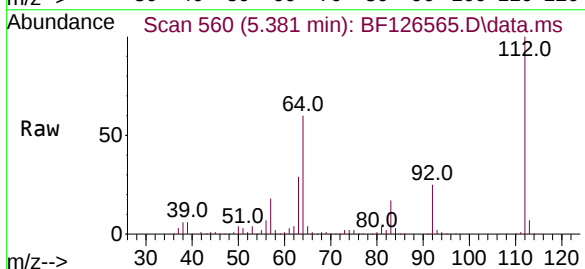
Instrument :
BNA_F
ClientSampleId :
FB-010622

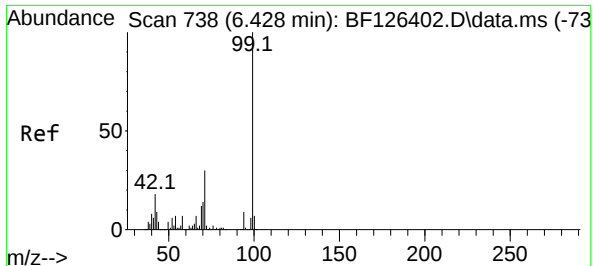
Tgt Ion:152 Resp: 93301
Ion Ratio Lower Upper
152 100
150 156.6 128.1 192.1
115 64.8 56.7 85.1



#5
2-Fluorophenol
Concen: 58.642 ng
RT: 5.381 min Scan# 560
Delta R.T. -0.000 min
Lab File: BF126565.D
Acq: 10 Jan 2022 14:49

Tgt Ion:112 Resp: 380995
Ion Ratio Lower Upper
112 100
64 59.6 49.5 74.3
63 28.7 23.9 35.9





#7
Phenol-d6
Concen: 34.480 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126565.D
Acq: 10 Jan 2022 14:49

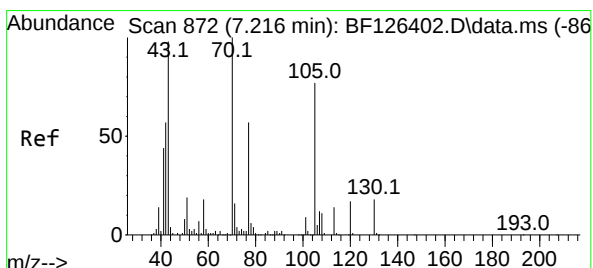
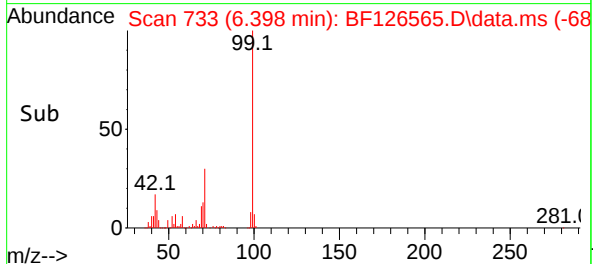
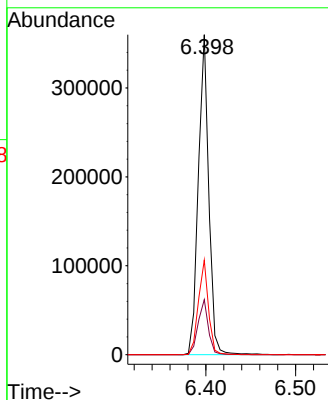
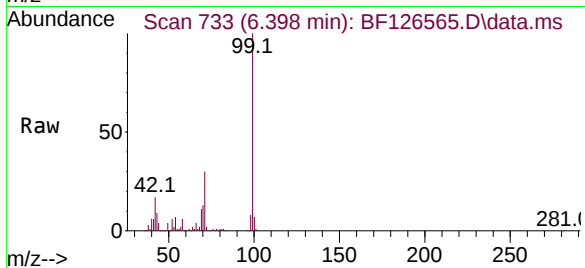
Instrument :

BNA_F

ClientSampleId :

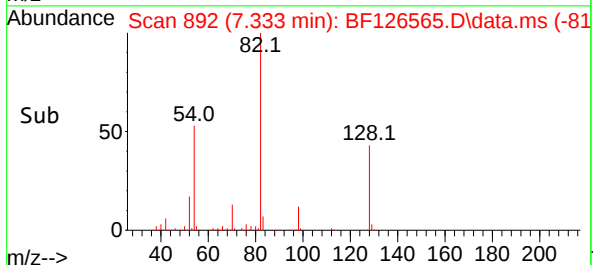
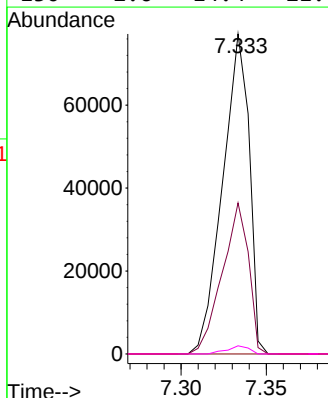
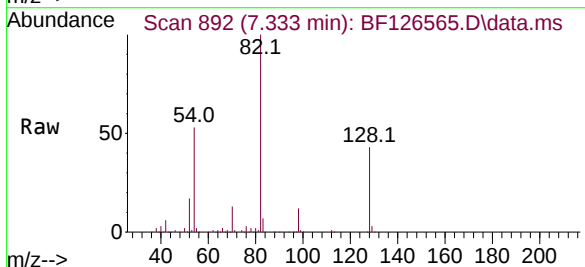
FB-010622

Tgt Ion: 99 Resp: 290150
Ion Ratio Lower Upper
99 100
42 17.2 14.2 21.4
71 29.5 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.445 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.141 min
Lab File: BF126565.D
Acq: 10 Jan 2022 14:49

Tgt Ion: 70 Resp: 83768
Ion Ratio Lower Upper
70 100
42 47.2 45.8 68.8
101 0.0 6.9 10.3#
130 2.6 14.4 21.6#



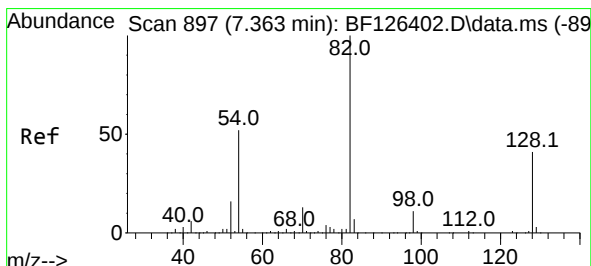
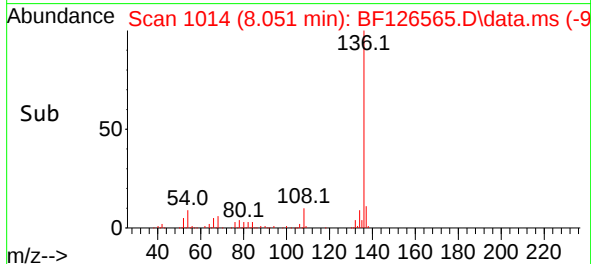
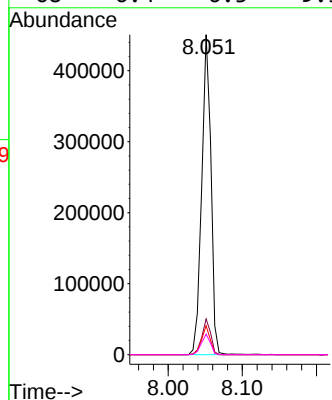
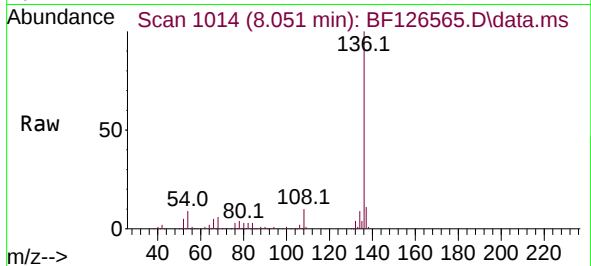


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF126565.D
Acq: 10 Jan 2022 14:49

Instrument :
BNA_F
ClientSampleId :
FB-010622

Tgt Ion:136 Resp: 390376

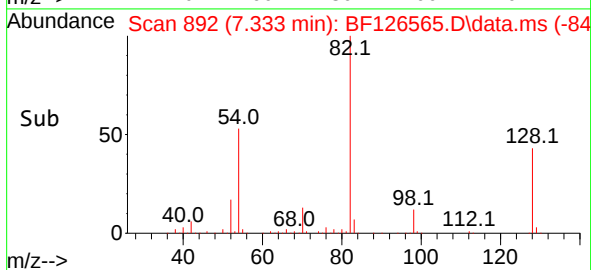
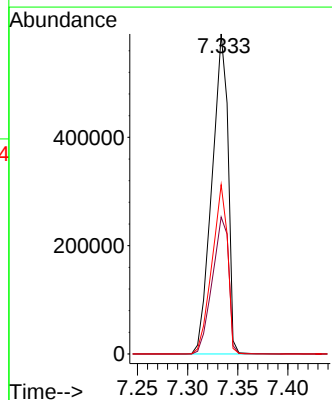
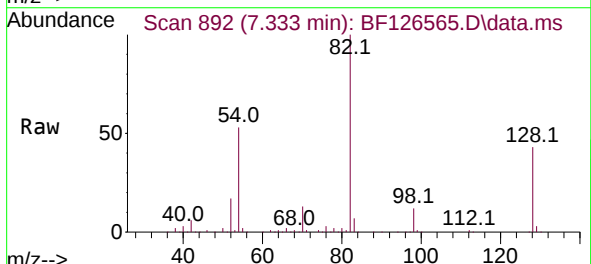
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	9.1	7.8	11.6
68	6.4	6.3	9.5

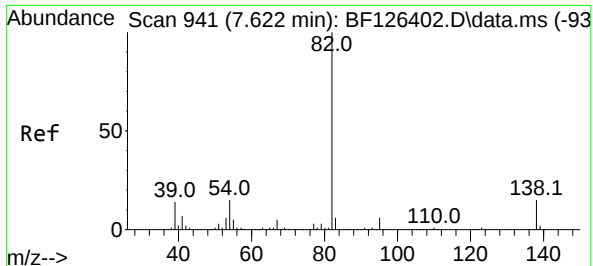


#23
Nitrobenzene-d5
Concen: 86.627 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.006 min
Lab File: BF126565.D
Acq: 10 Jan 2022 14:49

Tgt Ion: 82 Resp: 658612

Ion	Ratio	Lower	Upper
82	100		
128	42.8	32.7	49.1
54	52.9	41.7	62.5

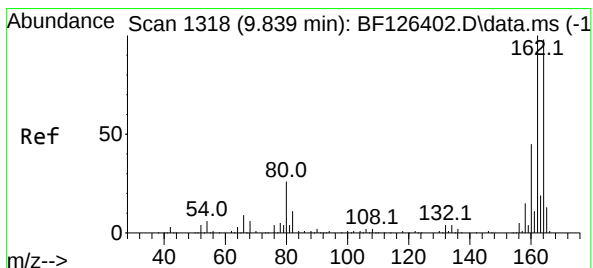
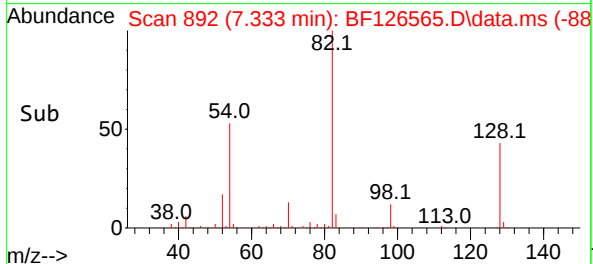
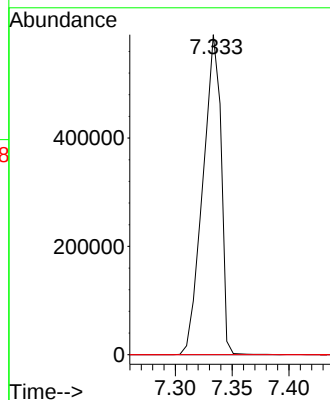
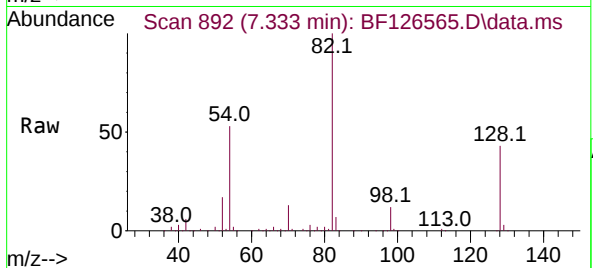




#25
Isophorone
Concen: 48.381 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.265 min
Lab File: BF126565.D
Acq: 10 Jan 2022 14:49

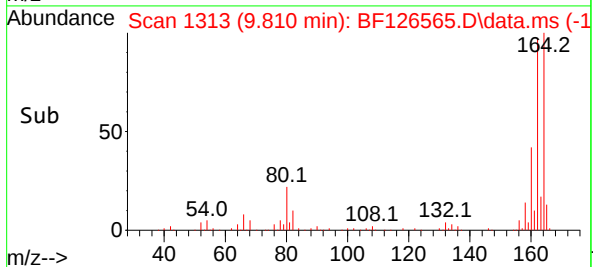
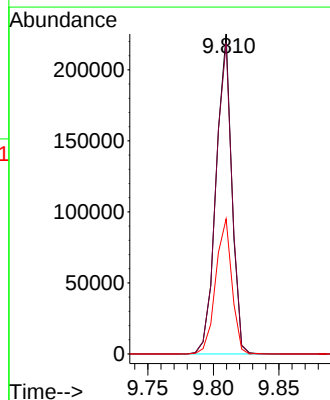
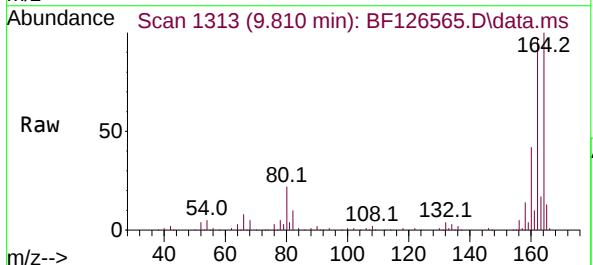
Instrument :
BNA_F
ClientSampleId :
FB-010622

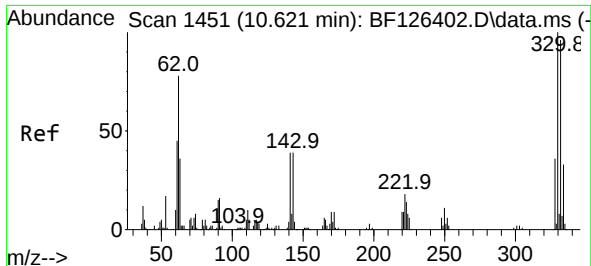
Tgt Ion: 82 Resp: 658477
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF126565.D
Acq: 10 Jan 2022 14:49

Tgt Ion:164 Resp: 186664
Ion Ratio Lower Upper
164 100
162 97.1 81.4 122.0
160 42.2 36.6 54.8





#42

2,4,6-Tribromophenol

Concen: 154.485 ng

RT: 10.604 min Scan# 1451

Delta R.T. -0.000 min

Lab File: BF126565.D

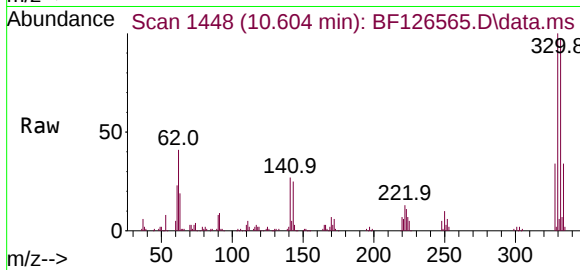
Acq: 10 Jan 2022 14:49

Instrument :

BNA_F

ClientSampleId :

FB-010622



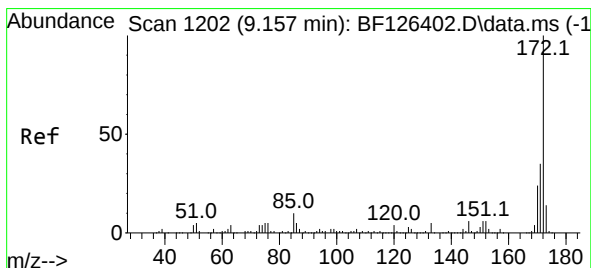
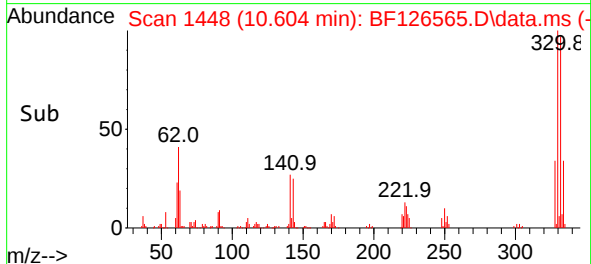
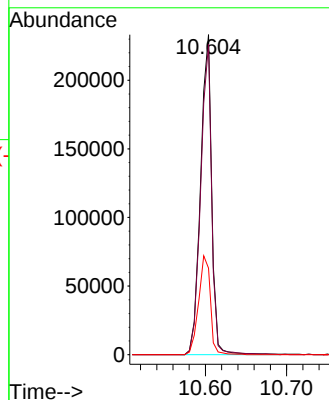
Tgt Ion:330 Resp: 222835

Ion Ratio Lower Upper

330 100

332 95.9 76.0 114.0

141 32.6 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 88.947 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF126565.D

Acq: 10 Jan 2022 14:49

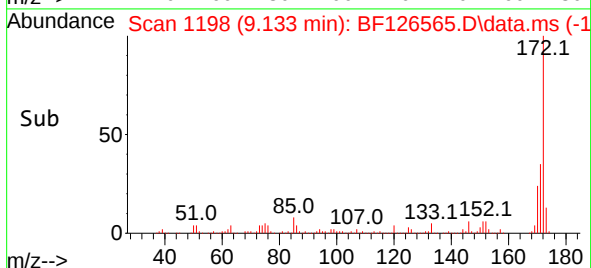
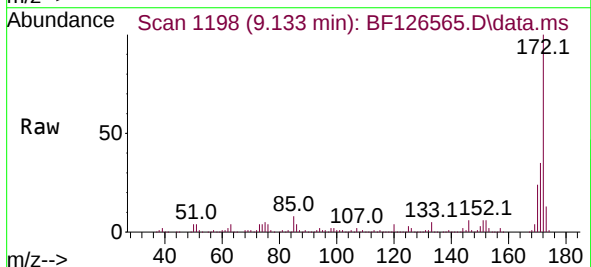
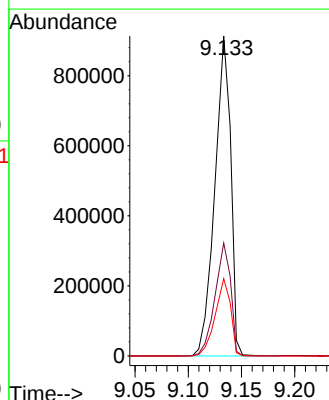
Tgt Ion:172 Resp: 943507

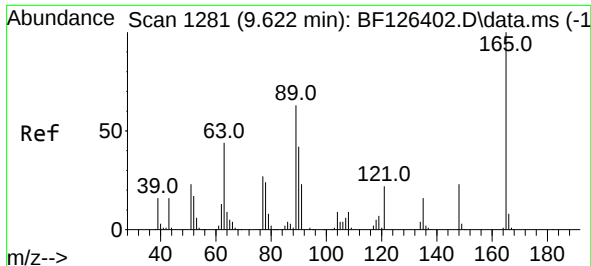
Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 24.2 19.0 28.6

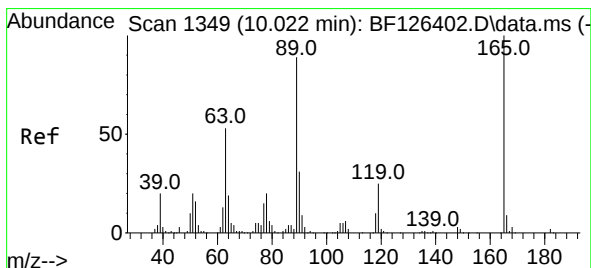
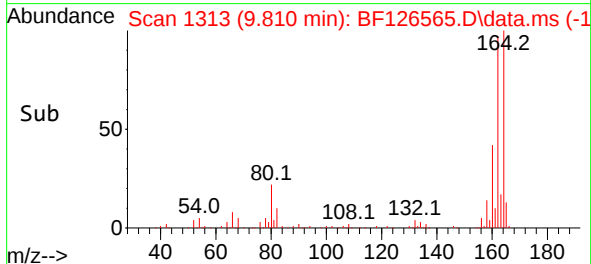
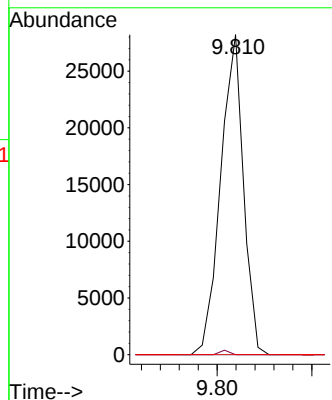
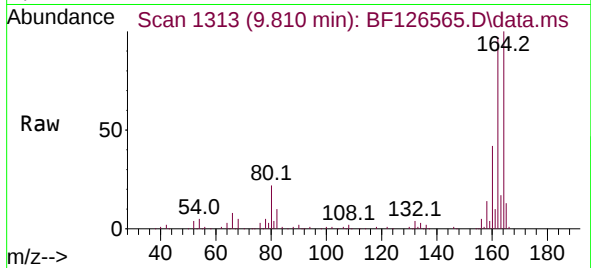




#51
2,6-Dinitrotoluene
Concen: 9.375 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126565.D
Acq: 10 Jan 2022 14:49

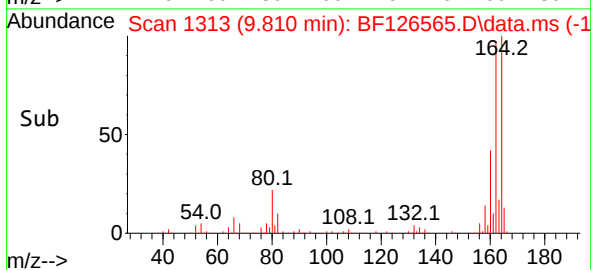
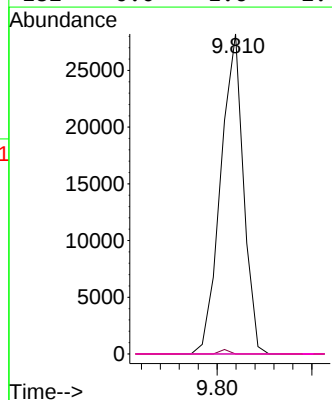
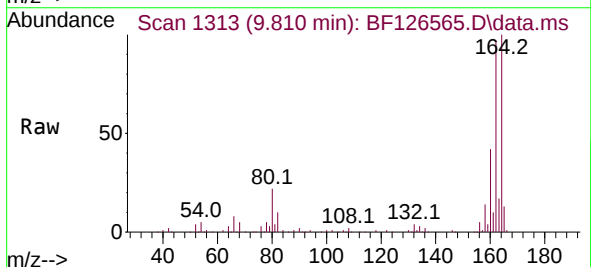
Instrument :
BNA_F
ClientSampleId :
FB-010622

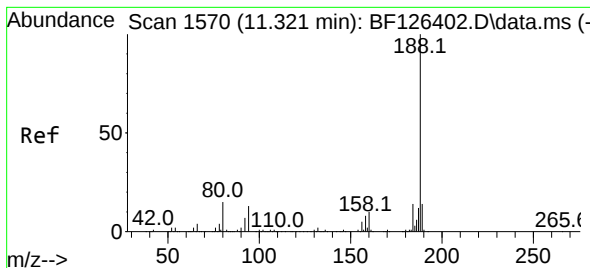
Tgt Ion:165 Resp: 23592
Ion Ratio Lower Upper
165 100
63 0.0 48.4 72.6#
89 0.0 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 7.266 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.194 min
Lab File: BF126565.D
Acq: 10 Jan 2022 14:49

Tgt Ion:165 Resp: 23592
Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 0.0 71.0 106.4#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.292 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126565.D

Acq: 10 Jan 2022 14:49

Instrument :

BNA_F

ClientSampleId :

FB-010622

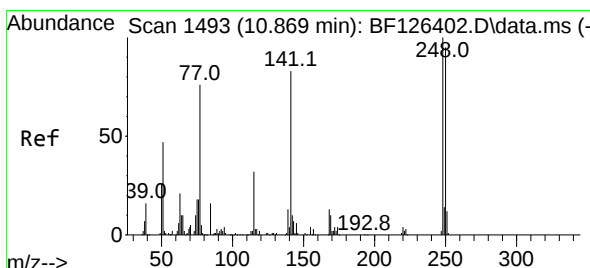
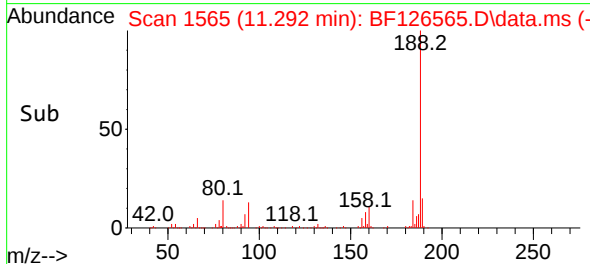
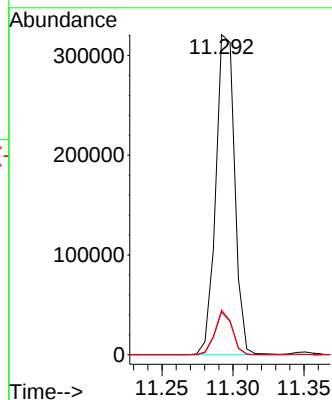
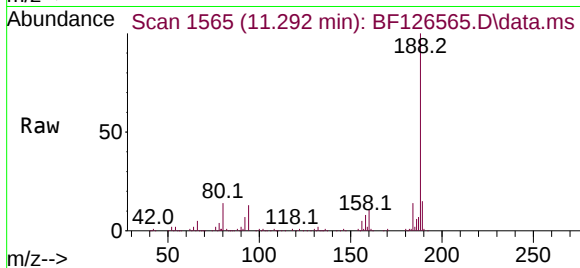
Tgt Ion:188 Resp: 295553

Ion Ratio Lower Upper

188 100

94 13.3 10.1 15.1

80 14.0 11.8 17.6



#67

4-Bromophenyl-phenylether

Concen: 4.611 ng

RT: 10.604 min Scan# 1448

Delta R.T. -0.241 min

Lab File: BF126565.D

Acq: 10 Jan 2022 14:49

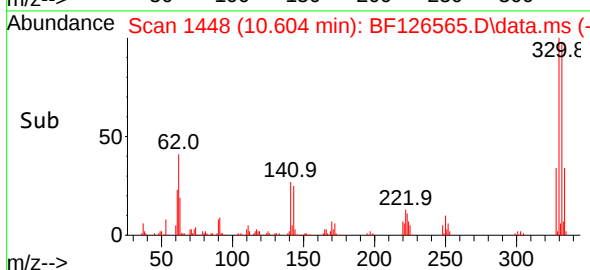
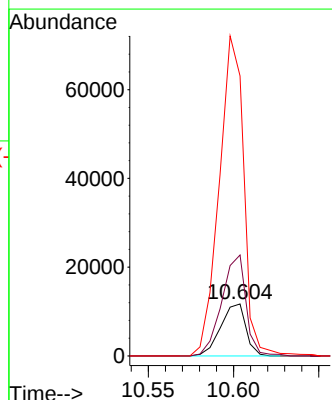
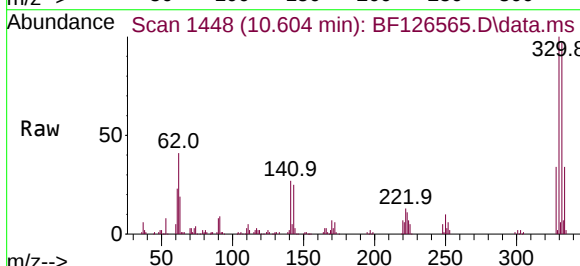
Tgt Ion:248 Resp: 12097

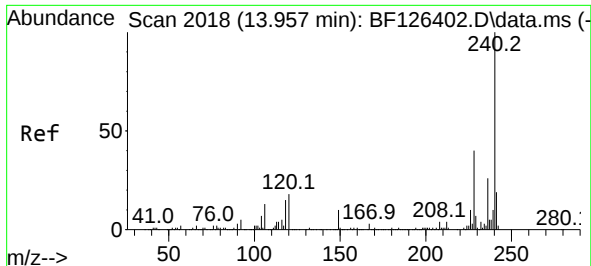
Ion Ratio Lower Upper

248 100

250 194.1 76.2 114.4#

141 538.6 66.2 99.4#

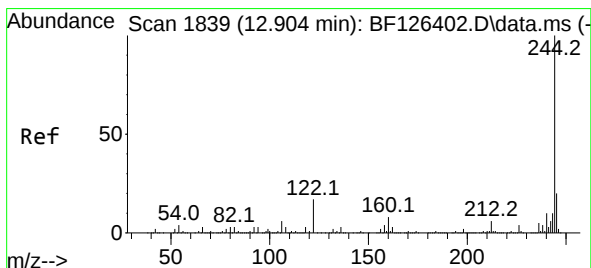
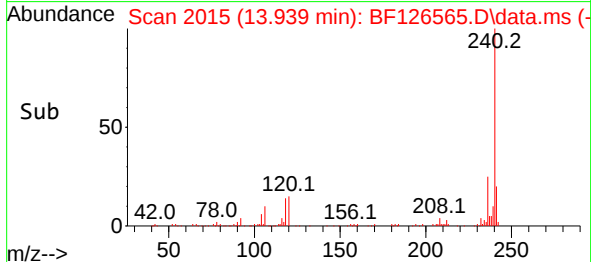
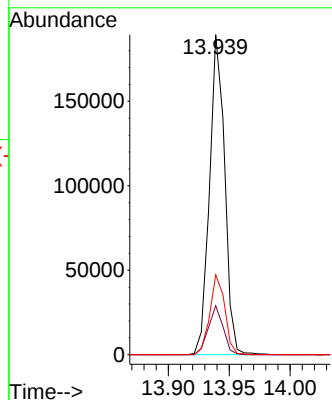
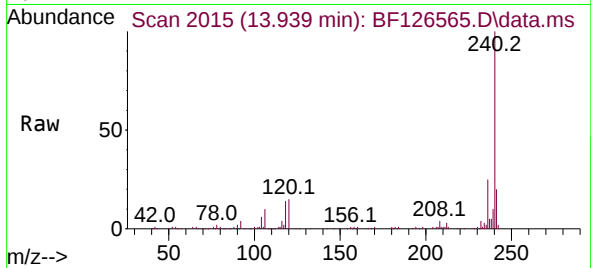




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF126565.D
Acq: 10 Jan 2022 14:49

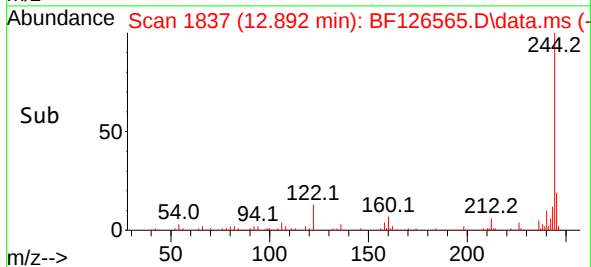
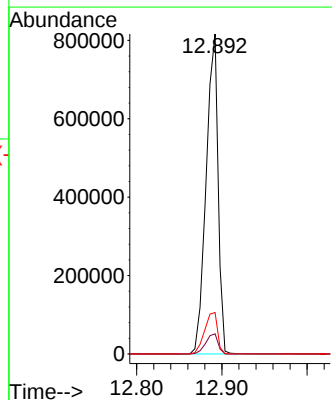
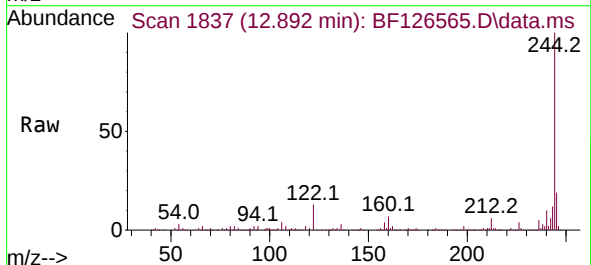
Instrument :
BNA_F
ClientSampleId :
FB-010622

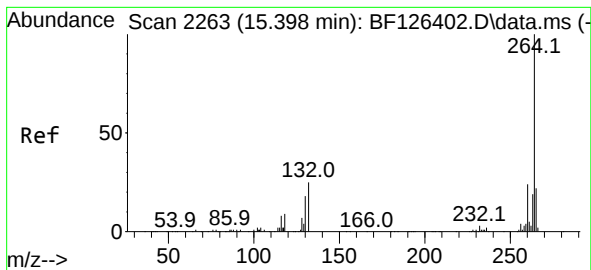
Tgt Ion:240 Resp: 163626
Ion Ratio Lower Upper
240 100
120 15.3 14.4 21.6
236 25.0 20.5 30.7



#79
Terphenyl-d14
Concen: 94.439 ng
RT: 12.892 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BF126565.D
Acq: 10 Jan 2022 14:49

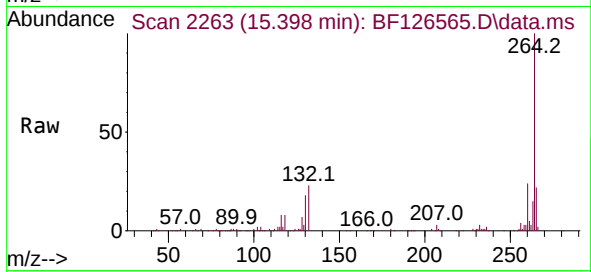
Tgt Ion:244 Resp: 795328
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 13.0 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.398 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF126565.D
Acq: 10 Jan 2022 14:49

Instrument :
BNA_F
ClientSampleId :
FB-010622



Tgt Ion:264 Resp: 167762

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.6	17.4	26.2

