

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
 Data File : BF126580.D
 Acq On : 10 Jan 2022 21:27
 Operator : JU/CG
 Sample : N1076-01 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01

Quant Time: Jan 11 01:39:12 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)

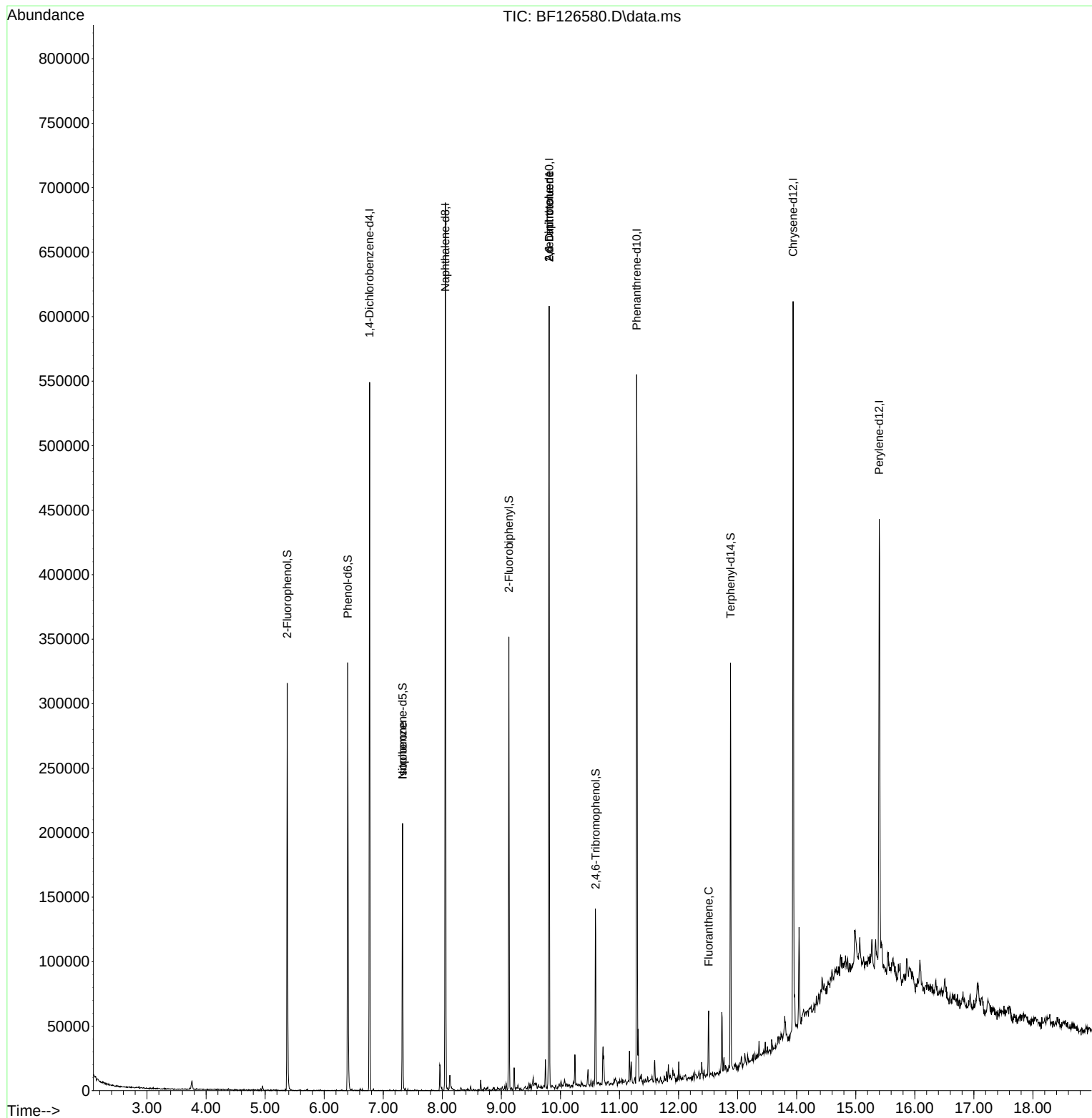
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.769	152	75799	20.000	ng	0.00
21) Naphthalene-d8	8.051	136	283138	20.000	ng	0.00
39) Acenaphthene-d10	9.810	164	115854	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	186780	20.000	ng	0.00
76) Chrysene-d12	13.939	240	178536	20.000	ng	0.00
86) Perylene-d12	15.398	264	143045	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	89060	16.873	ng	0.00
7) Phenol-d6	6.398	99	102877	15.048	ng	-0.01
23) Nitrobenzene-d5	7.328	82	59646	10.817	ng	-0.01
42) 2,4,6-Tribromophenol	10.598	330	16446	18.370	ng	0.00
45) 2-Fluorobiphenyl	9.128	172	94759	14.393	ng	-0.01
79) Terphenyl-d14	12.880	244	95224	10.363	ng	-0.01
Target Compounds						
					Qvalue	
25) Isophorone	7.328	82	59646	6.042	ng	# 69
51) 2,6-Dinitrotoluene	9.810	165	14635	9.370	ng	# 20
57) 2,4-Dinitrotoluene	9.810	165	14635	7.262	ng	# 14
75) Fluoranthene	12.510	202	19673	2.257	ng	99
77) Benzidine	12.880	184	1110	Below Cal	#	79

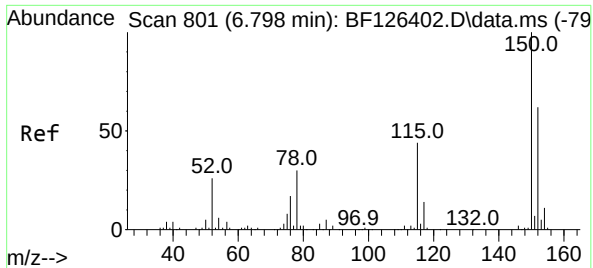
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011022\
Data File : BF126580.D
Acq On : 10 Jan 2022 21:27
Operator : JU/CG
Sample : N1076-01 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-01

Quant Time: Jan 11 01:39:12 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

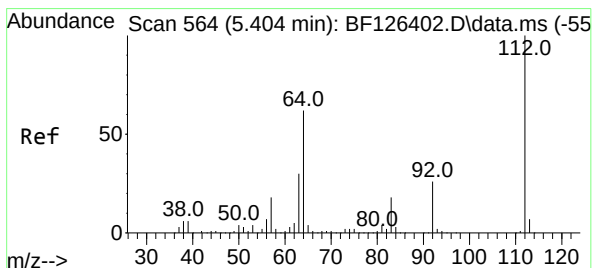
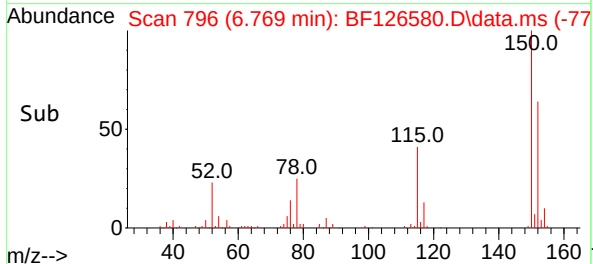
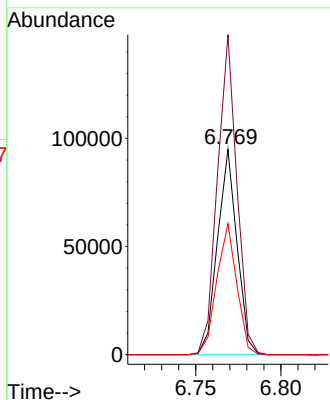
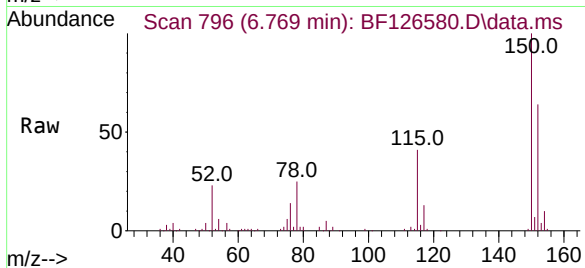




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.769 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126580.D
Acq: 10 Jan 2022 21:27

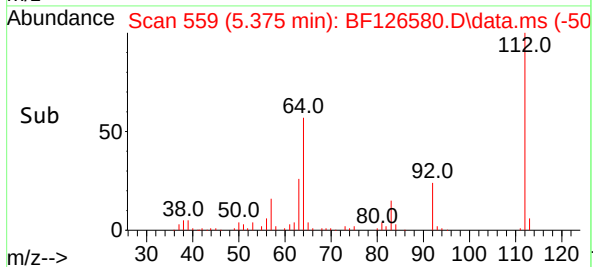
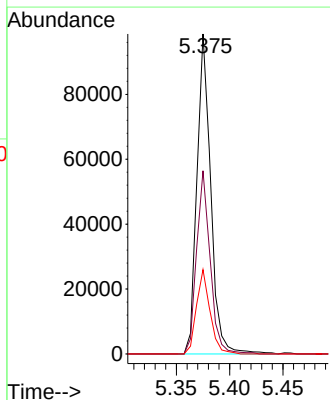
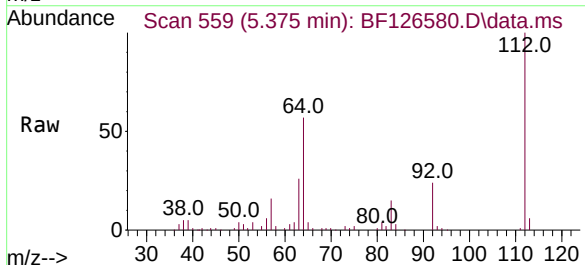
Instrument :
BNA_F
ClientSampleId :
SB-01

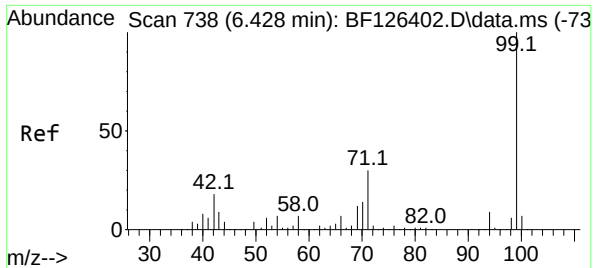
Tgt Ion:152 Resp: 75799
Ion Ratio Lower Upper
152 100
150 155.9 128.1 192.1
115 63.8 56.7 85.1



#5
2-Fluorophenol
Concen: 16.873 ng
RT: 5.375 min Scan# 559
Delta R.T. -0.006 min
Lab File: BF126580.D
Acq: 10 Jan 2022 21:27

Tgt Ion:112 Resp: 89060
Ion Ratio Lower Upper
112 100
64 57.3 49.5 74.3
63 26.3 23.9 35.9

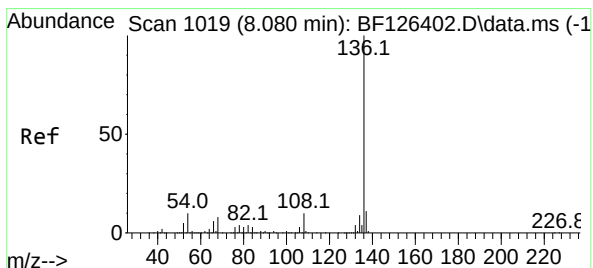
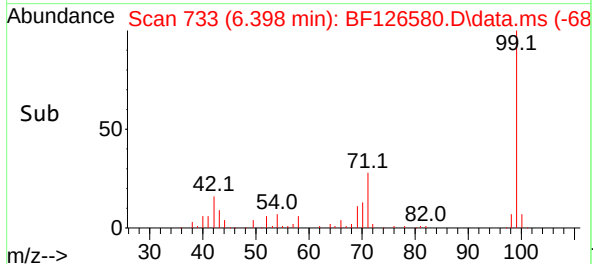
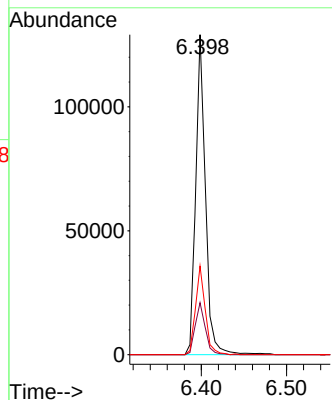
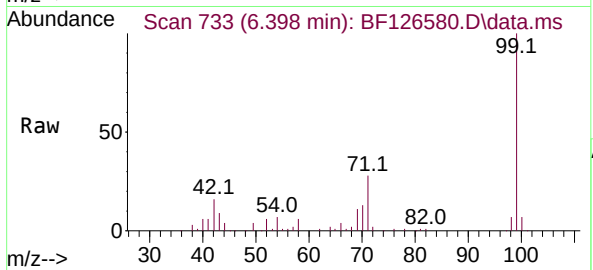




#7
Phenol-d6
Concen: 15.048 ng
RT: 6.398 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126580.D
Acq: 10 Jan 2022 21:27

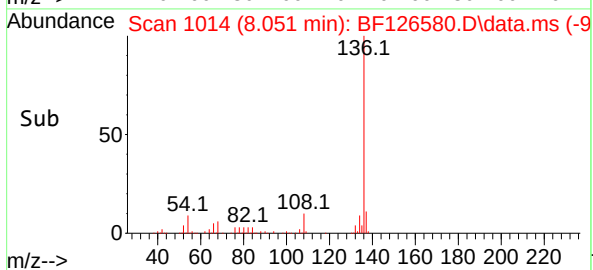
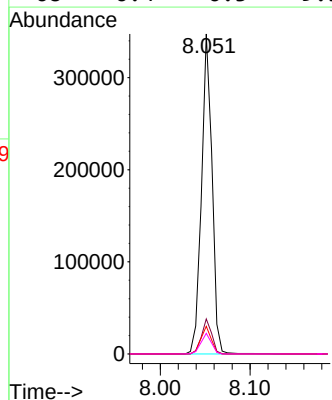
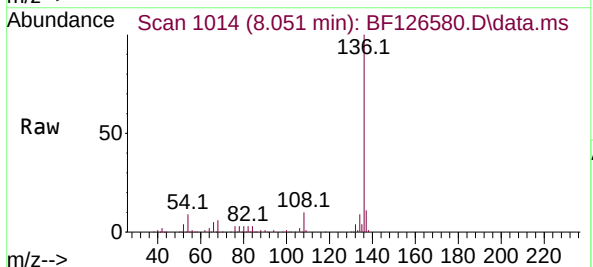
Instrument :
BNA_F
ClientSampleId :
SB-01

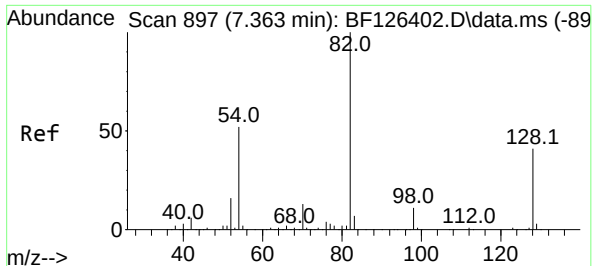
Tgt Ion: 99 Resp: 102877
Ion Ratio Lower Upper
99 100
42 16.2 14.2 21.4
71 27.7 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.051 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF126580.D
Acq: 10 Jan 2022 21:27

Tgt Ion: 136 Resp: 283138
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.7 7.8 11.6
68 6.4 6.3 9.5





#23

Nitrobenzene-d5

Concen: 10.817 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.012 min

Lab File: BF126580.D

Acq: 10 Jan 2022 21:27

Instrument :

BNA_F

ClientSampleId :

SB-01

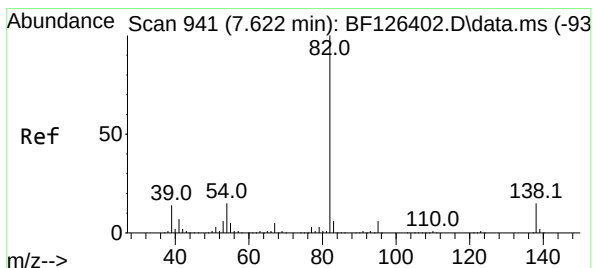
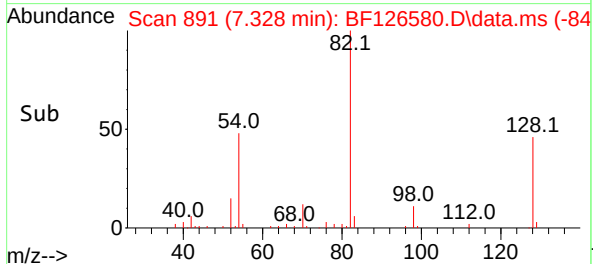
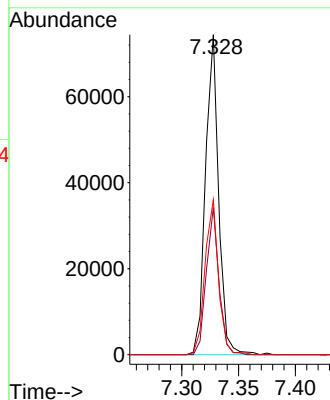
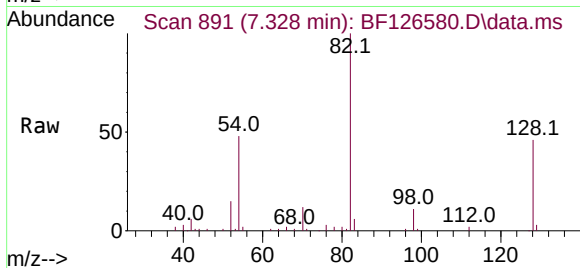
Tgt Ion: 82 Resp: 59646

Ion Ratio Lower Upper

82 100

128 46.0 32.7 49.1

54 48.4 41.7 62.5



#25

Isophorone

Concen: 6.042 ng

RT: 7.328 min Scan# 891

Delta R.T. -0.271 min

Lab File: BF126580.D

Acq: 10 Jan 2022 21:27

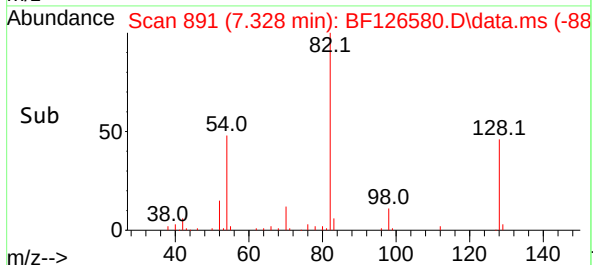
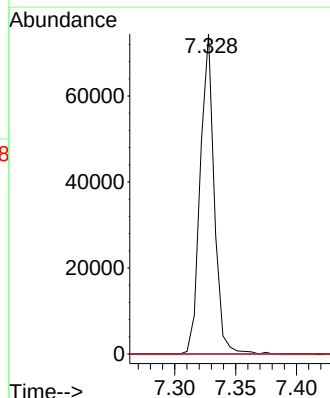
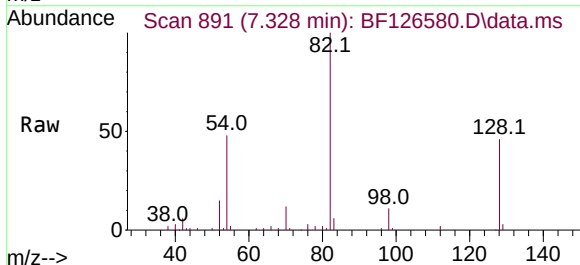
Tgt Ion: 82 Resp: 59646

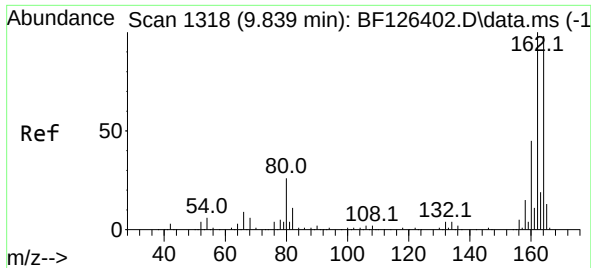
Ion Ratio Lower Upper

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# 11

Delta R.T. -0.006 min

Lab File: BF126580.D

Acq: 10 Jan 2022 21:27

Instrument :

BNA_F

ClientSampleId :

SB-01

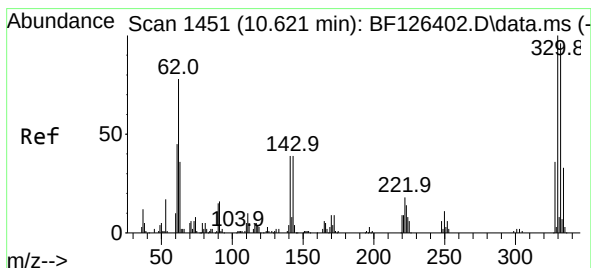
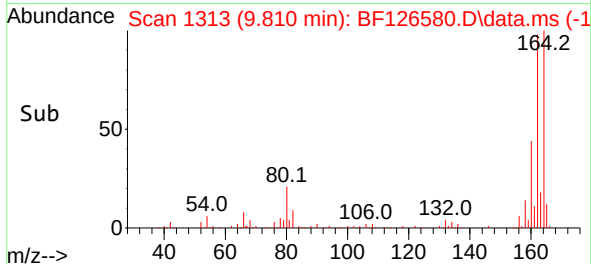
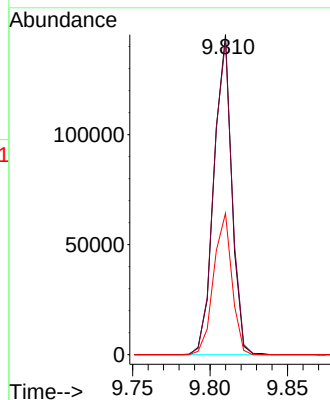
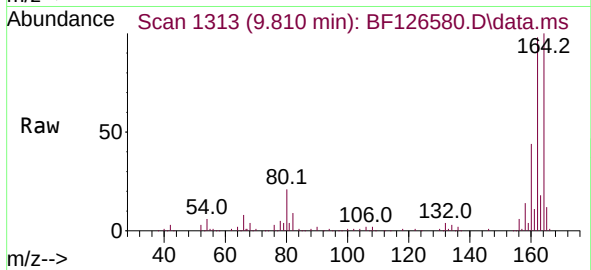
Tgt Ion:164 Resp: 115854

Ion Ratio Lower Upper

164 100

162 98.2 81.4 122.0

160 44.2 36.6 54.8



#42

2,4,6-Tribromophenol

Concen: 18.370 ng

RT: 10.598 min Scan# 1447

Delta R.T. -0.006 min

Lab File: BF126580.D

Acq: 10 Jan 2022 21:27

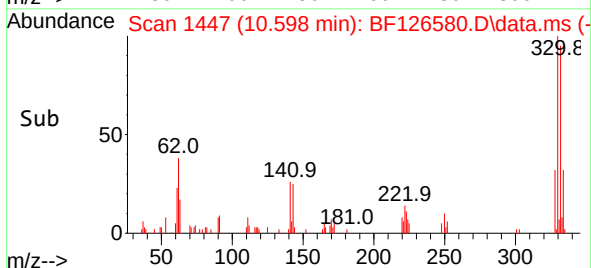
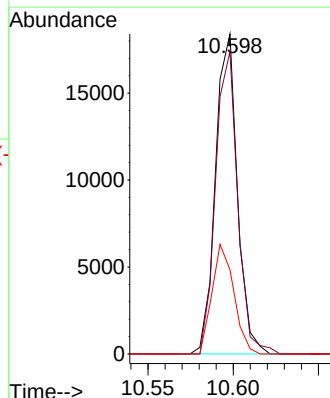
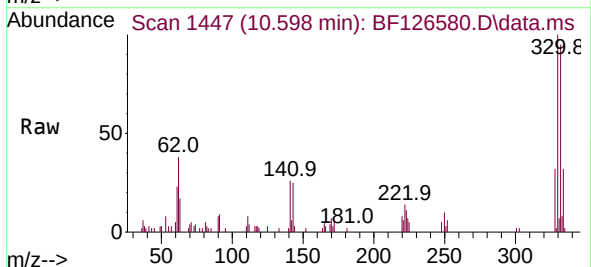
Tgt Ion:330 Resp: 16446

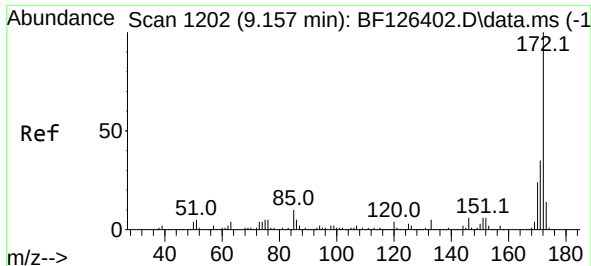
Ion Ratio Lower Upper

330 100

332 95.1 76.0 114.0

141 34.1 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 14.393 ng

RT: 9.128 min Scan# 1197

Delta R.T. -0.012 min

Lab File: BF126580.D

Acq: 10 Jan 2022 21:27

Instrument :

BNA_F

ClientSampleId :

SB-01

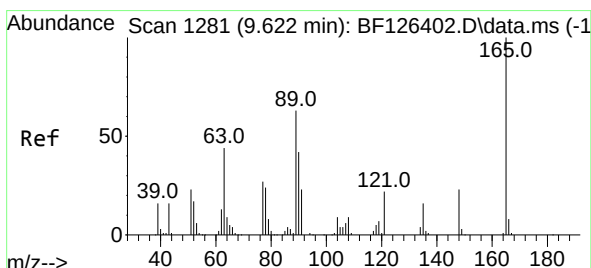
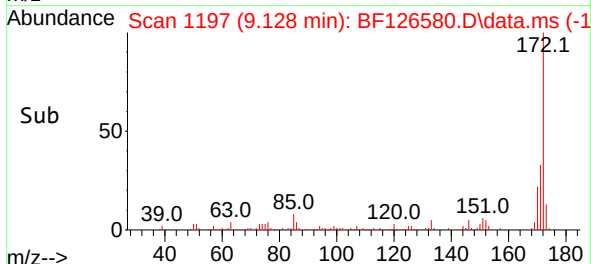
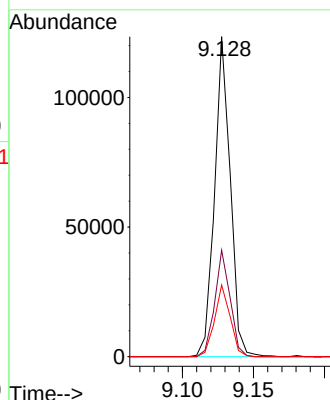
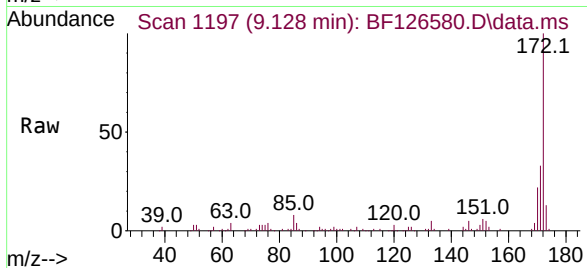
Tgt Ion:172 Resp: 94759

Ion Ratio Lower Upper

172 100

171 33.3 28.3 42.5

170 22.4 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 9.370 ng

RT: 9.810 min Scan# 1313

Delta R.T. 0.212 min

Lab File: BF126580.D

Acq: 10 Jan 2022 21:27

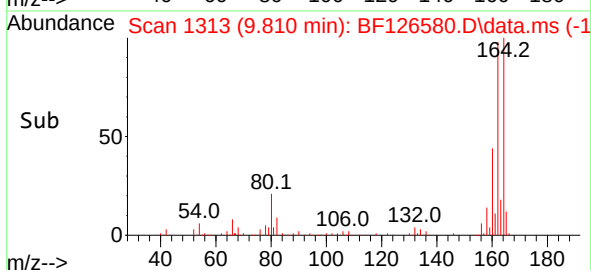
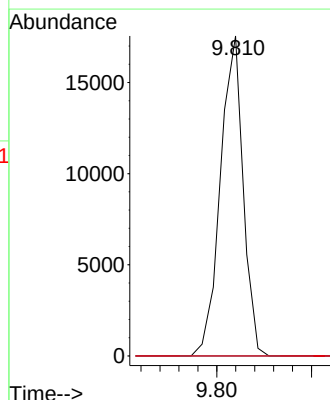
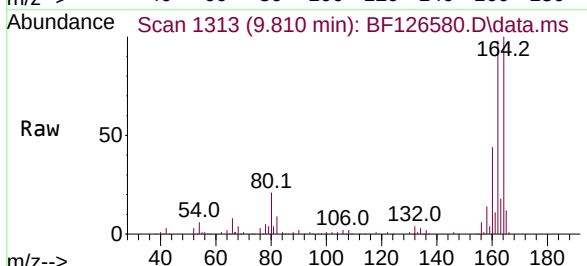
Tgt Ion:165 Resp: 14635

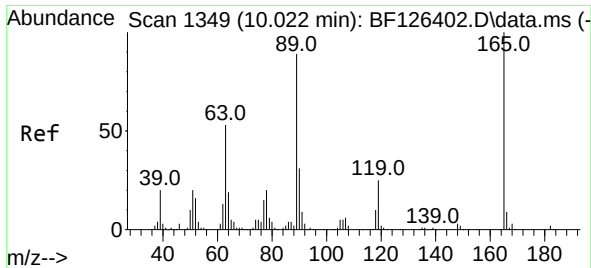
Ion Ratio Lower Upper

165 100

63 0.0 48.4 72.6#

89 0.0 50.5 75.7#

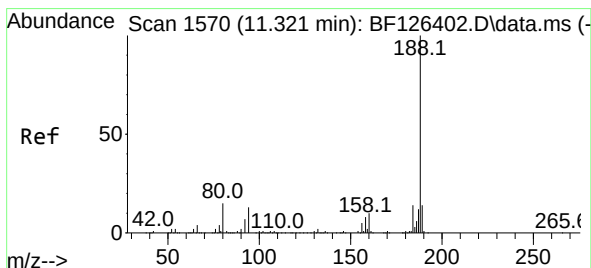
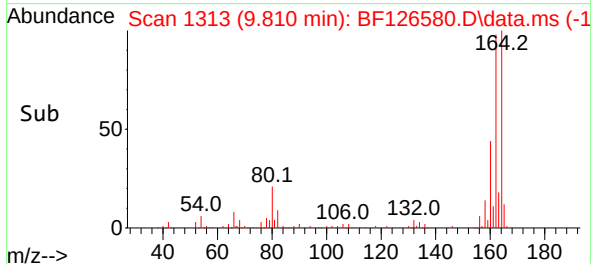
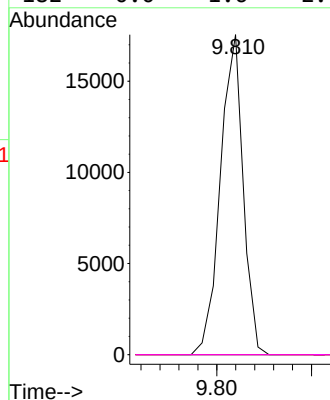
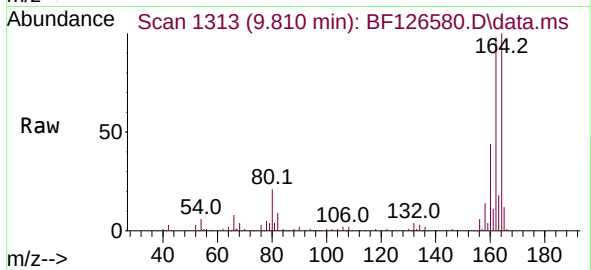




#57
2,4-Dinitrotoluene
Concen: 7.262 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF126580.D
Acq: 10 Jan 2022 21:27

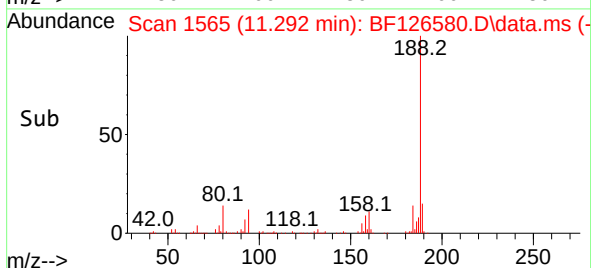
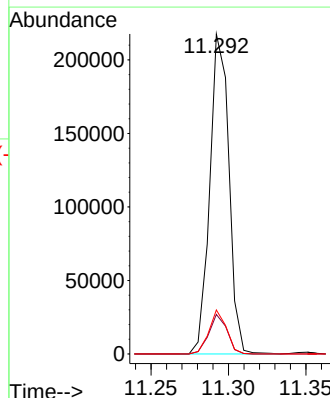
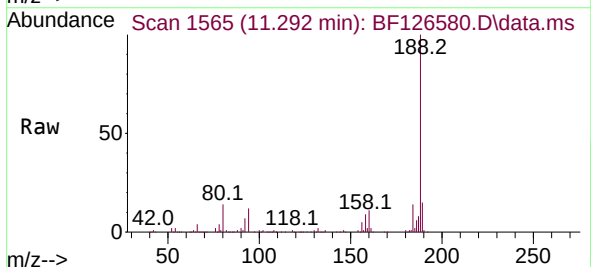
Instrument :
BNA_F
ClientSampleId :
SB-01

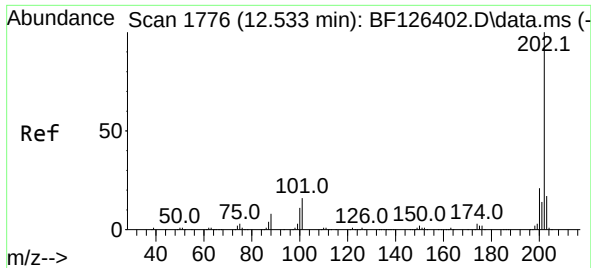
Tgt Ion:165 Resp: 14635
Ion Ratio Lower Upper
165 100
63 0.0 43.0 64.6#
89 0.0 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.292 min Scan# 1565
Delta R.T. -0.006 min
Lab File: BF126580.D
Acq: 10 Jan 2022 21:27

Tgt Ion:188 Resp: 186780
Ion Ratio Lower Upper
188 100
94 12.4 10.1 15.1
80 13.8 11.8 17.6

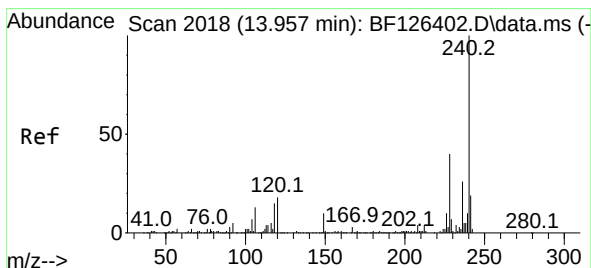
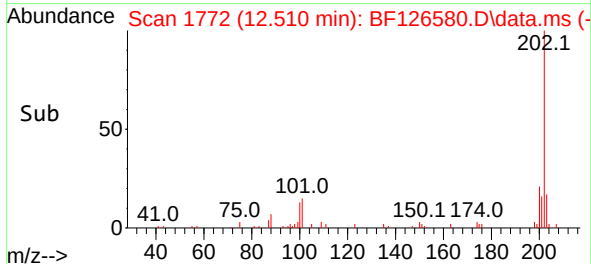
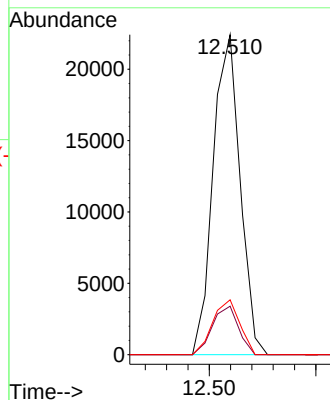
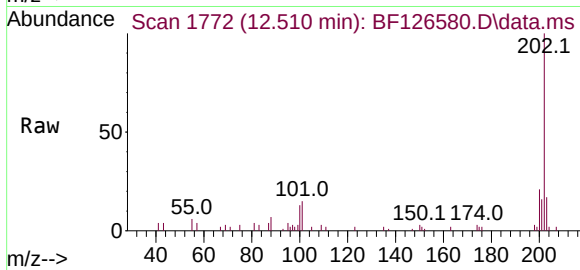




#75
Fluoranthene
Concen: 2.257 ng
RT: 12.510 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126580.D
Acq: 10 Jan 2022 21:27

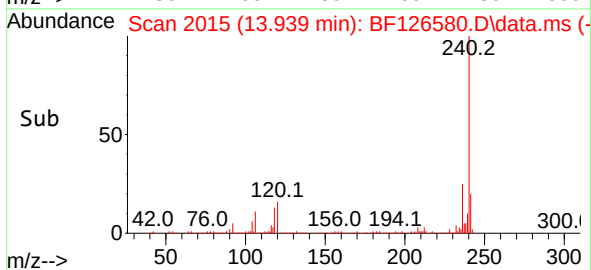
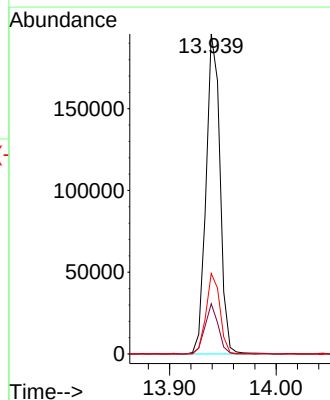
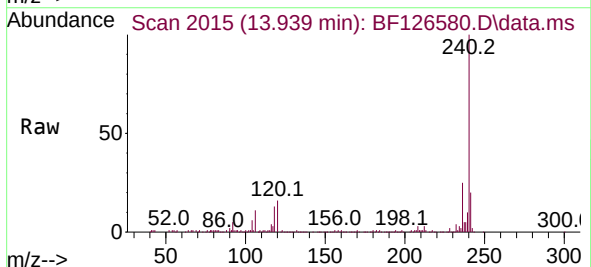
Instrument :
BNA_F
ClientSampleId :
SB-01

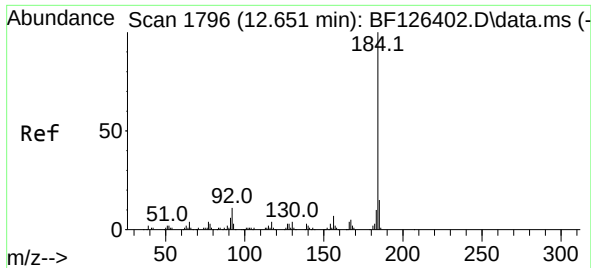
Tgt Ion:	202	Resp:	19673
Ion Ratio	Lower	Upper	
202	100		
101	15.1	0.0	35.7
203	17.1	0.0	37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF126580.D
Acq: 10 Jan 2022 21:27

Tgt Ion:	240	Resp:	178536
Ion Ratio	Lower	Upper	
240	100		
120	15.7	14.4	21.6
236	25.1	20.5	30.7

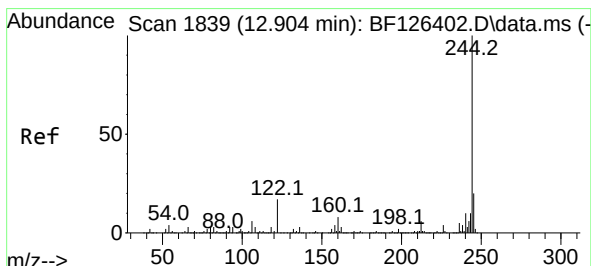
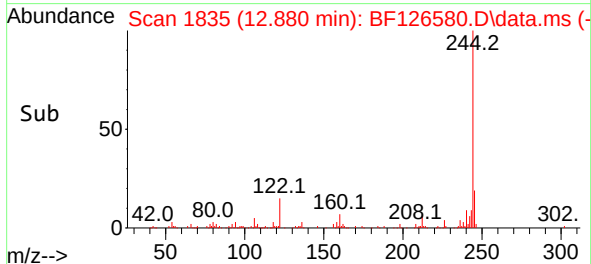
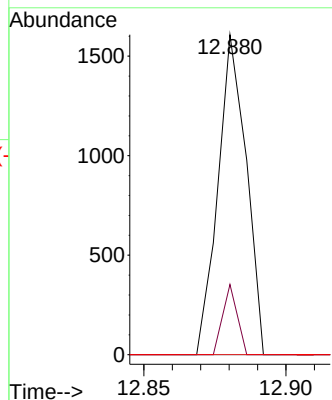
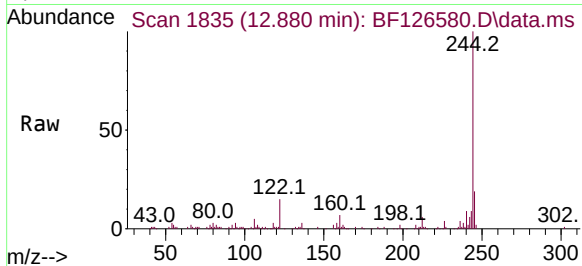




#77
Benzidine
Concen: Below Cal
RT: 12.880 min Scan# 1835
Delta R.T. 0.247 min
Lab File: BF126580.D
Acq: 10 Jan 2022 21:27

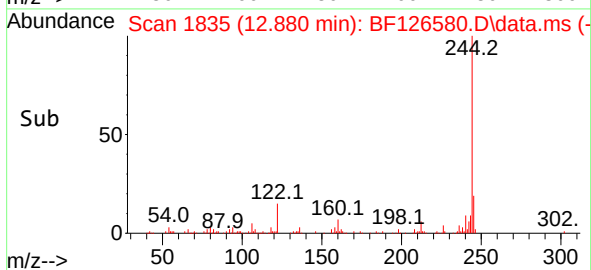
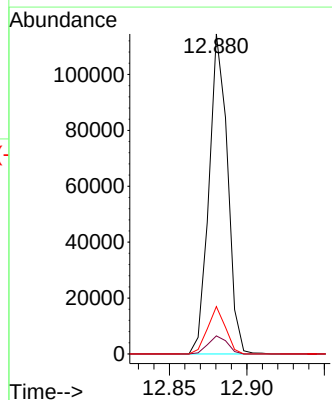
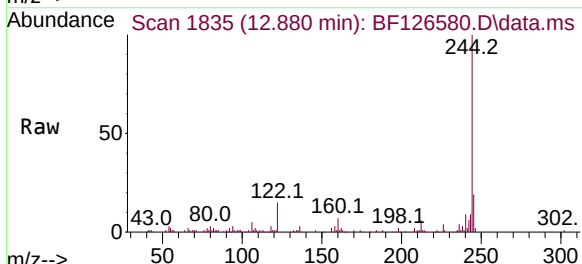
Instrument :
BNA_F
ClientSampleId :
SB-01

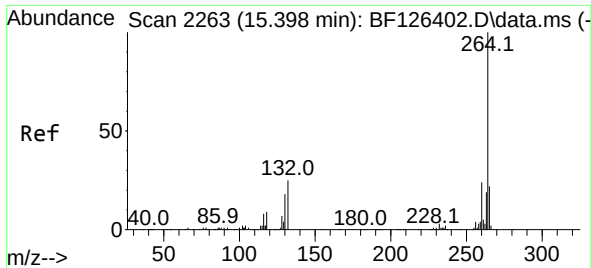
Tgt Ion:184 Resp: 1110
Ion Ratio Lower Upper
184 100
185 22.0 11.8 17.8#
183 0.0 8.2 12.2#



#79
Terphenyl-d14
Concen: 10.363 ng
RT: 12.880 min Scan# 1835
Delta R.T. -0.012 min
Lab File: BF126580.D
Acq: 10 Jan 2022 21:27

Tgt Ion:244 Resp: 95224
Ion Ratio Lower Upper
244 100
212 5.6 5.0 7.4
122 14.8 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: BF126580.D
Acq: 10 Jan 2022 21:27

Instrument :
BNA_F
ClientSampleId :
SB-01

Tgt Ion:264 Resp: 143045
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.7 17.4 26.2

