

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122221\
 Data File : BF126325.D
 Acq On : 22 Dec 2021 12:52
 Operator : JU/CG
 Sample : PB141549BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 22 13:16:30 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

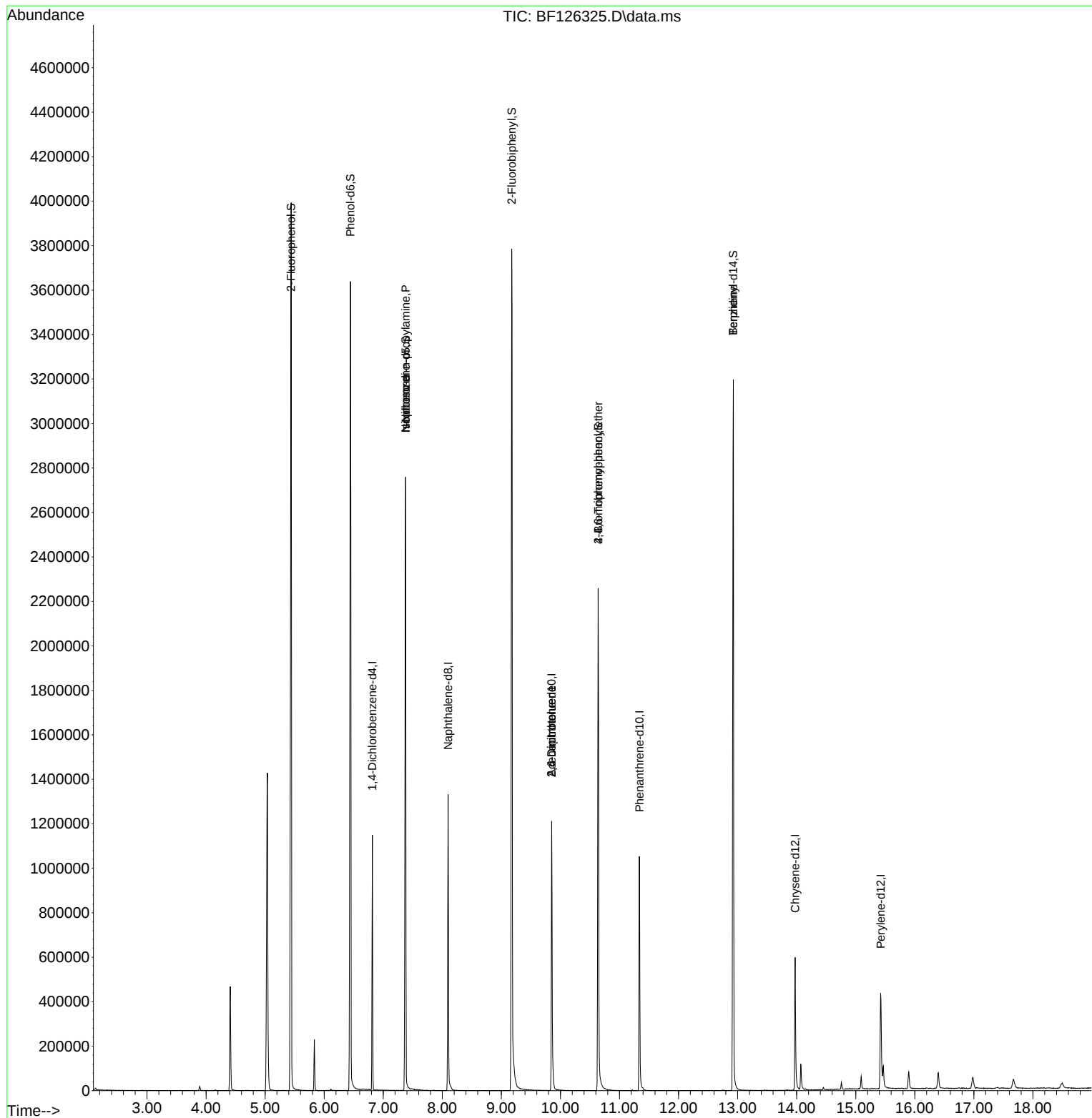
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	146974	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	632308	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	293317	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	463376	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	255269	20.000	ng	0.00
86) Perylene-d12	15.421	264	240001	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1286770	128.932	ng	0.01
7) Phenol-d6	6.445	99	1616230	127.540	ng	0.00
23) Nitrobenzene-d5	7.381	82	1043991	89.421	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	314318	133.342	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1487589	88.950	ng	0.00
79) Terphenyl-d14	12.927	244	1188134	80.900	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.381	70	132944	17.089	ng	# 55
25) Isophorone	7.381	82	1043984	47.352	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	36939	9.185	ng	# 27
57) 2,4-Dinitrotoluene	9.851	165	37072	7.226	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	16458	3.784	ng	# 1
77) Benzidine	12.927	184	14083	3.499	ng	# 97

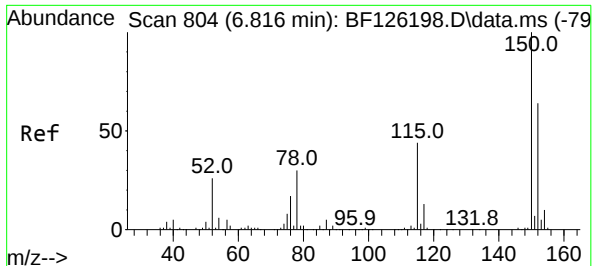
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122221\
Data File : BF126325.D
Acq On : 22 Dec 2021 12:52
Operator : JU/CG
Sample : PB141549BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

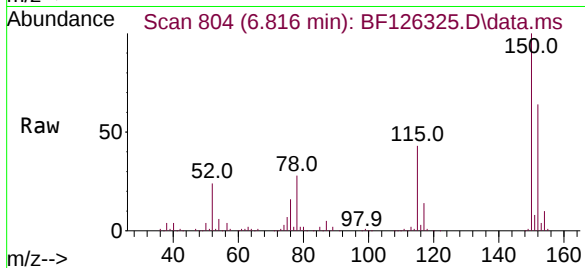
Quant Time: Dec 22 13:16:30 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 22 13:00:11 2021
Response via : Initial Calibration



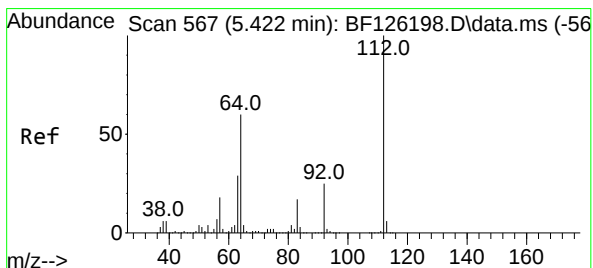
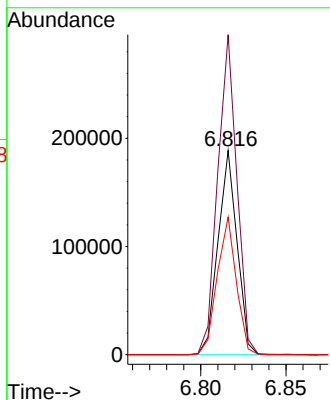
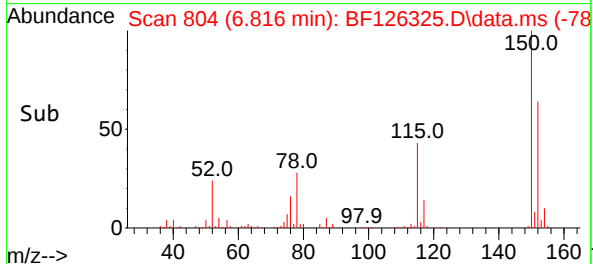


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF126325.D
Acq: 22 Dec 2021 12:52

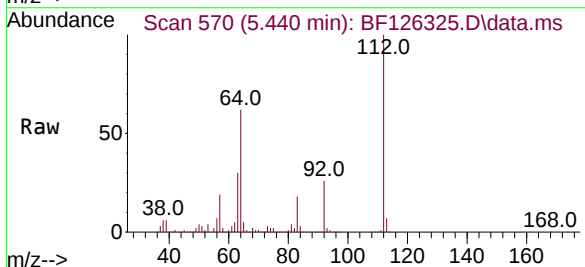
Instrument :
BNA_F
ClientSampleId :



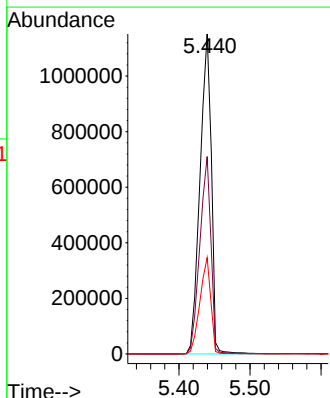
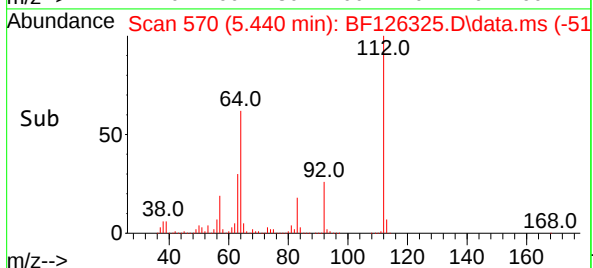
Tgt Ion:152 Resp: 146974
Ion Ratio Lower Upper
152 100
150 156.8 117.6 176.4
115 67.4 47.1 70.7

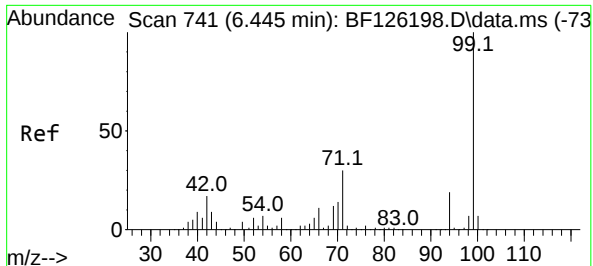


#5
2-Fluorophenol
Concen: 128.932 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF126325.D
Acq: 22 Dec 2021 12:52



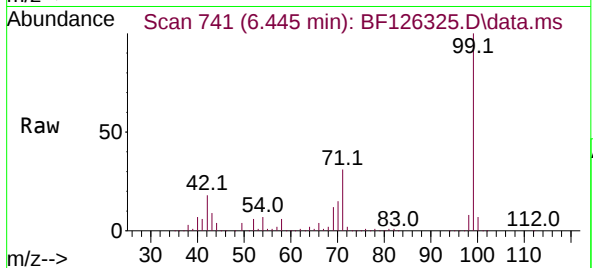
Tgt Ion:112 Resp: 1286770
Ion Ratio Lower Upper
112 100
64 61.7 44.2 66.2
63 30.1 26.2 39.2





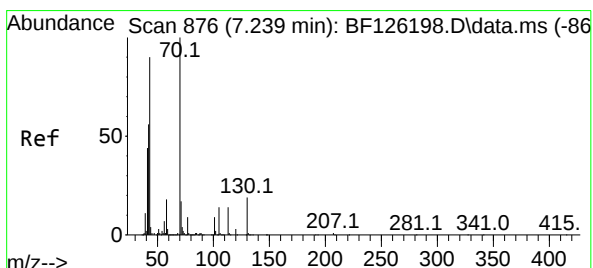
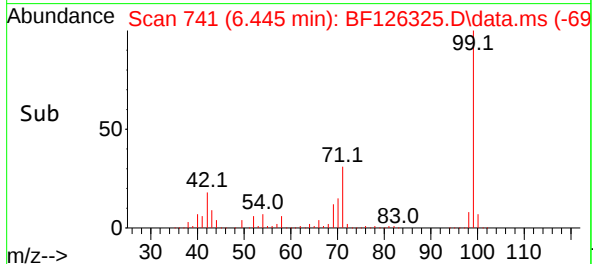
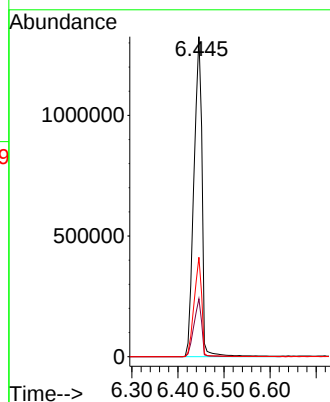
#7
Phenol-d6
Concen: 127.540 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126325.D
Acq: 22 Dec 2021 12:52

Instrument :
BNA_F
ClientSampleId :



Tgt Ion: 99 Resp: 1616230

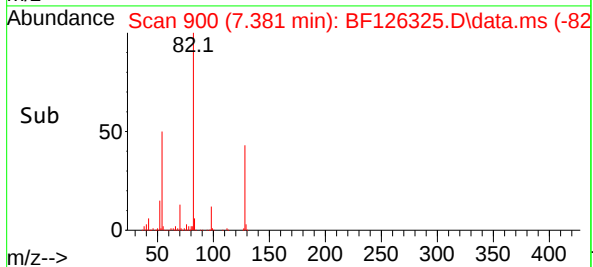
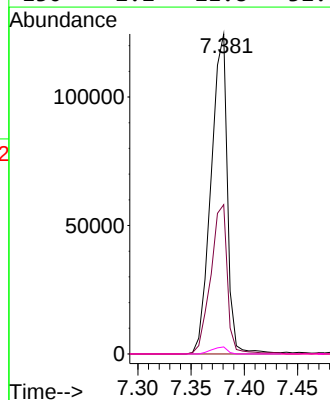
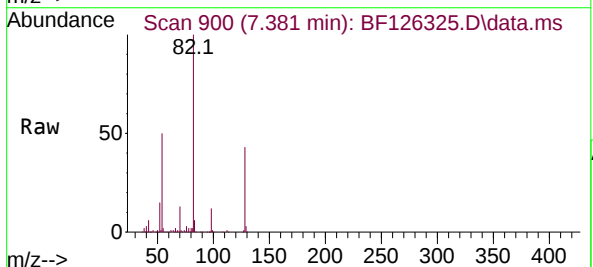
Ion	Ratio	Lower	Upper
99	100		
42	18.1	23.5	35.3#
71	31.0	25.6	38.4

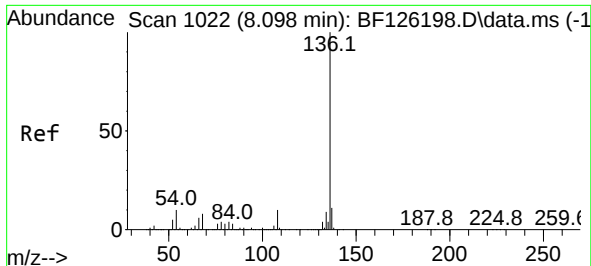


#19
n-Nitroso-di-n-propylamine
Concen: 17.089 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.147 min
Lab File: BF126325.D
Acq: 22 Dec 2021 12:52

Tgt Ion: 70 Resp: 132944

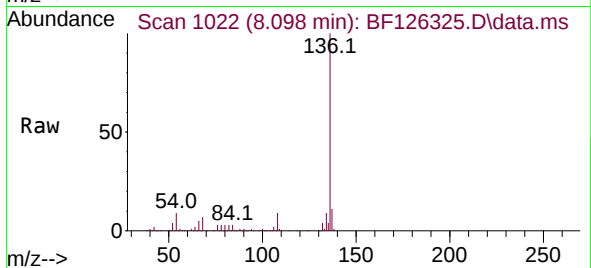
Ion	Ratio	Lower	Upper
70	100		
42	46.7	72.2	108.2#
101	0.0	7.8	11.8#
130	2.2	21.8	32.6#





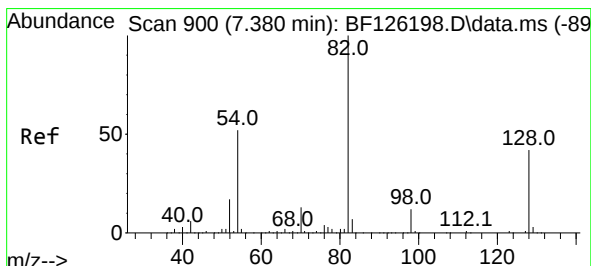
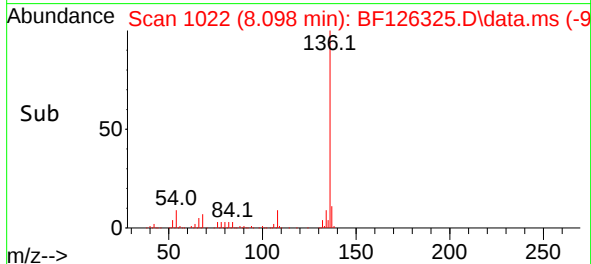
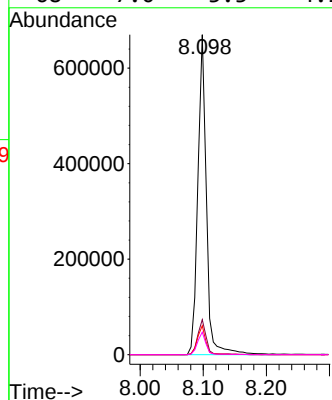
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF126325.D
Acq: 22 Dec 2021 12:52

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:136 Resp: 632308

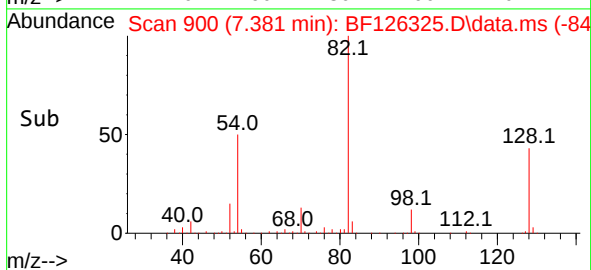
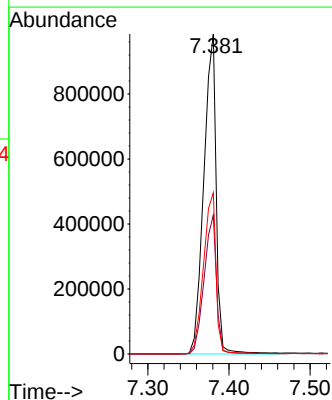
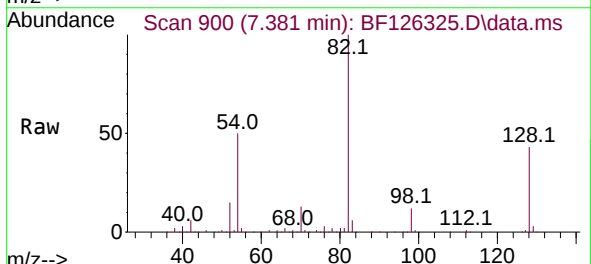
Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.8	14.6
54	9.0	6.4	9.6
68	7.0	3.3	4.9

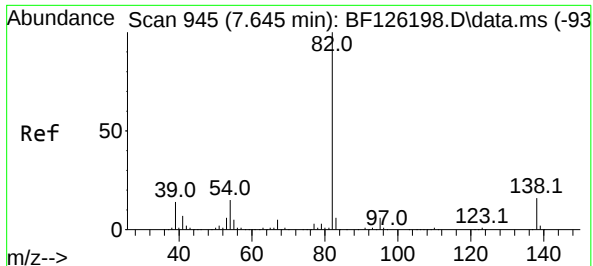


#23
Nitrobenzene-d5
Concen: 89.421 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.000 min
Lab File: BF126325.D
Acq: 22 Dec 2021 12:52

Tgt Ion: 82 Resp: 1043991

Ion	Ratio	Lower	Upper
82	100		
128	43.4	40.6	60.8
54	50.4	49.6	74.4

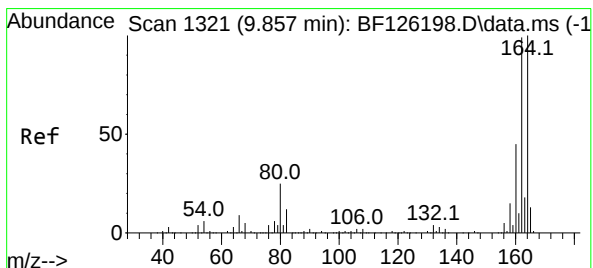
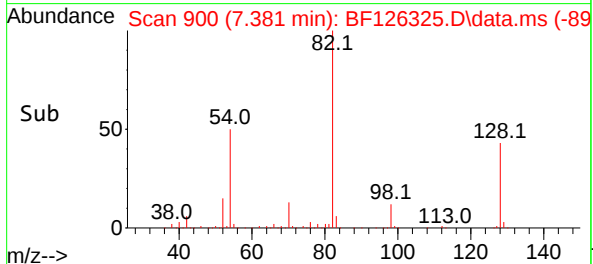
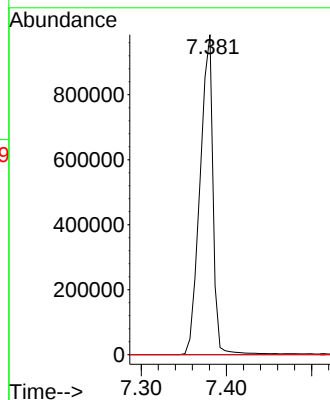
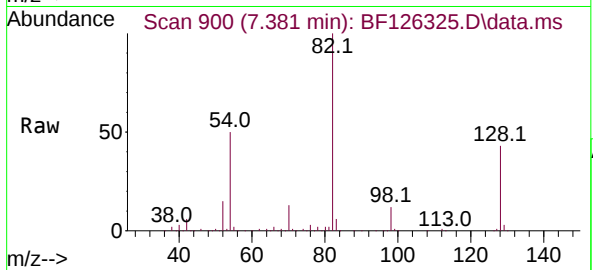




#25
Isophorone
Concen: 47.352 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF126325.D
Acq: 22 Dec 2021 12:52

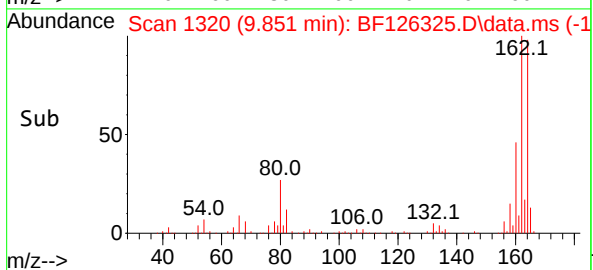
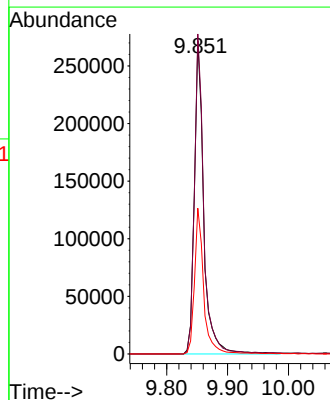
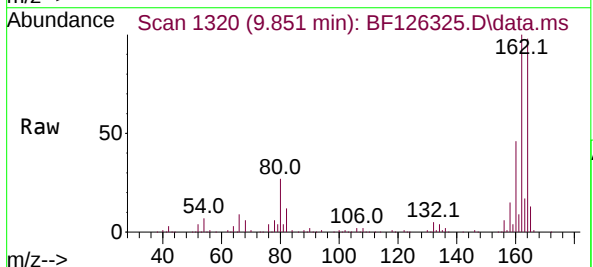
Instrument :
BNA_F
ClientSampleId :

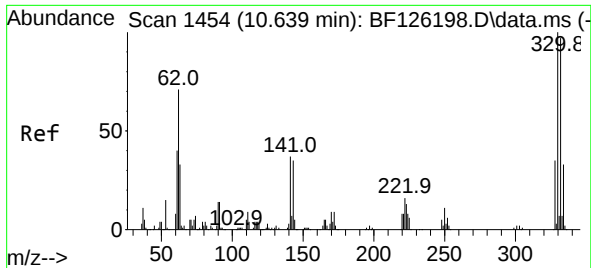
Tgt Ion: 82 Resp: 1043984
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126325.D
Acq: 22 Dec 2021 12:52

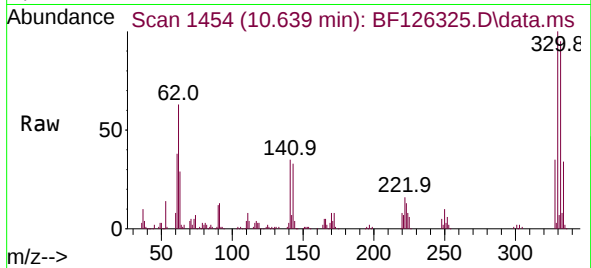
Tgt Ion:164 Resp: 293317
Ion Ratio Lower Upper
164 100
162 102.3 81.3 121.9
160 46.6 38.0 57.0



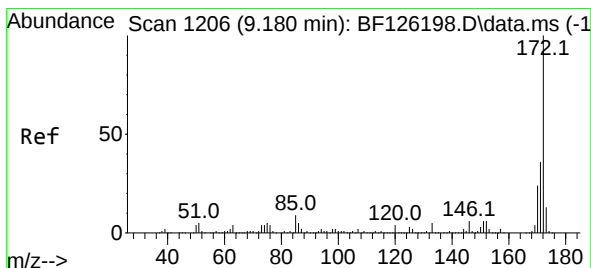
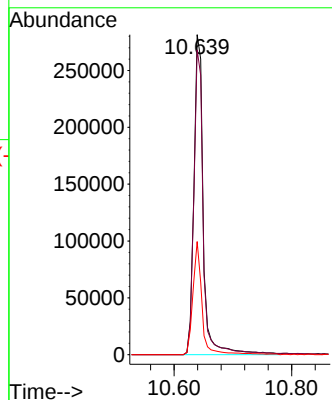
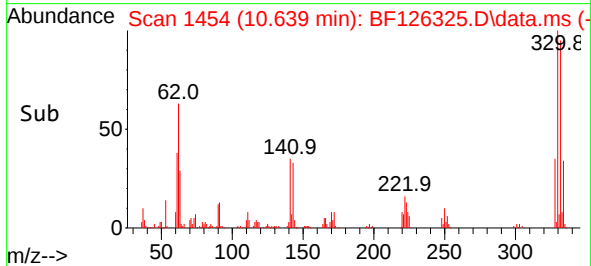


#42
2,4,6-Tribromophenol
Concen: 133.342 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF126325.D
Acq: 22 Dec 2021 12:52

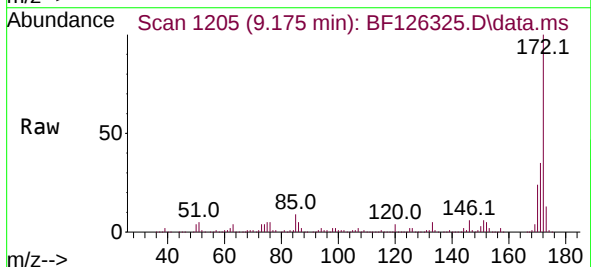
Instrument :
BNA_F
ClientSampleId :



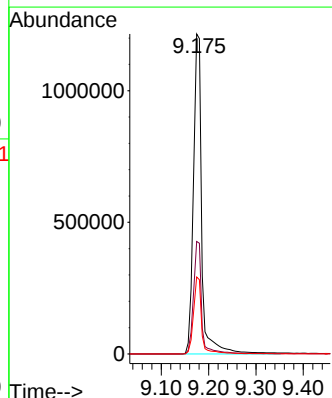
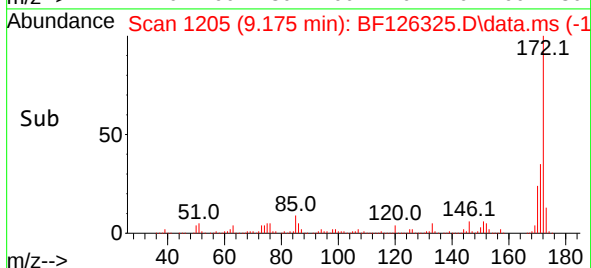
Tgt Ion:330 Resp: 314318
Ion Ratio Lower Upper
330 100
332 95.4 76.2 114.4
141 34.2 44.6 66.8#

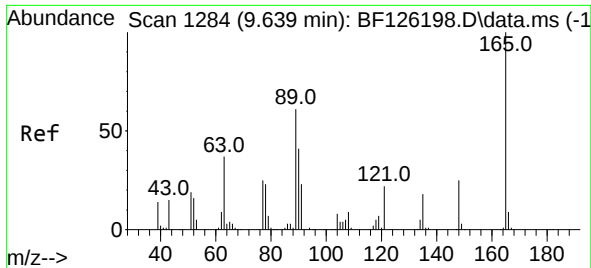


#45
2-Fluorobiphenyl
Concen: 88.950 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126325.D
Acq: 22 Dec 2021 12:52



Tgt Ion:172 Resp: 1487589
Ion Ratio Lower Upper
172 100
171 35.2 26.5 39.7
170 24.0 18.8 28.2

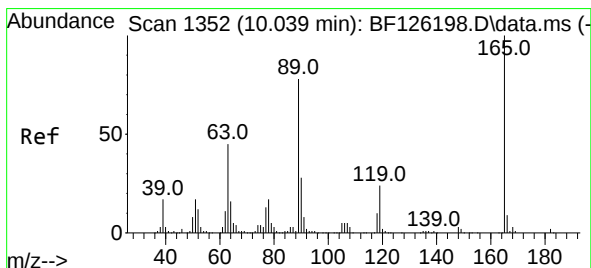
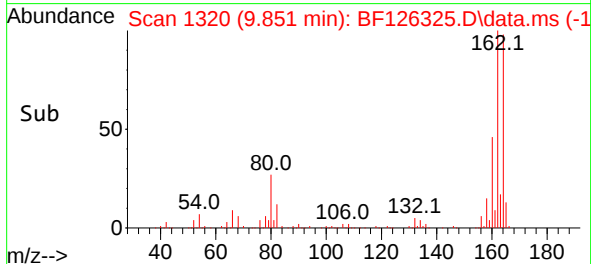
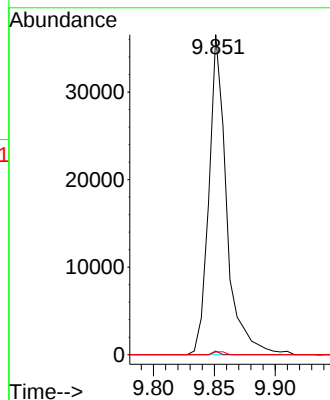
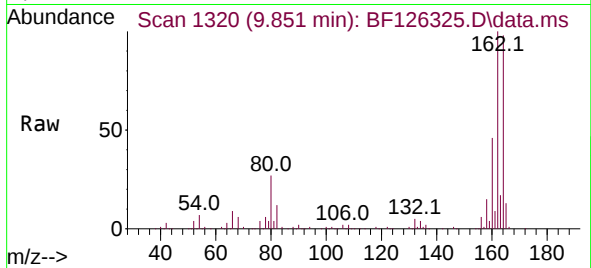




#51
2,6-Dinitrotoluene
Concen: 9.185 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126325.D
Acq: 22 Dec 2021 12:52

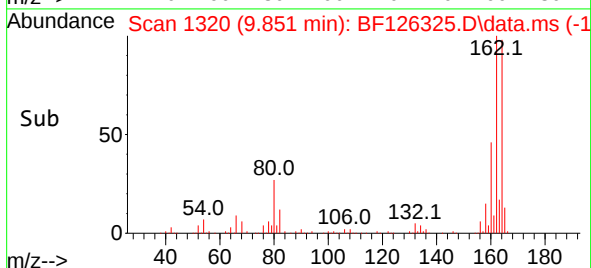
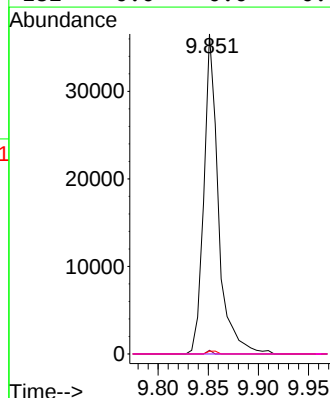
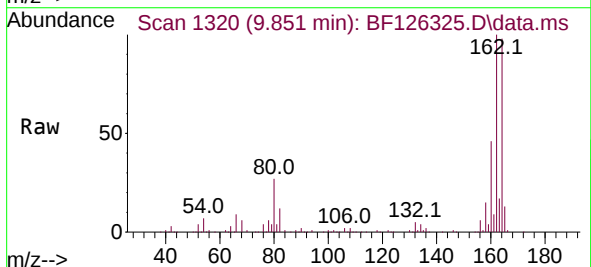
Instrument :
BNA_F
ClientSampleId :

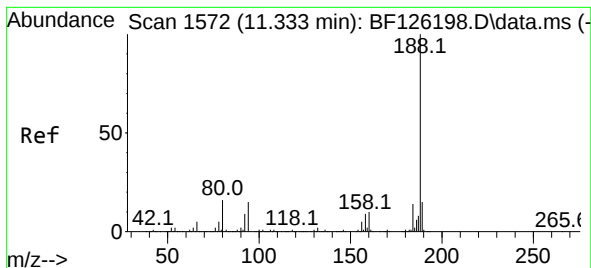
Tgt Ion:165 Resp: 36939
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.226 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF126325.D
Acq: 22 Dec 2021 12:52

Tgt Ion:165 Resp: 37072
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.339 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126325.D

Acq: 22 Dec 2021 12:52

Instrument :

BNA_F

ClientSampleId :

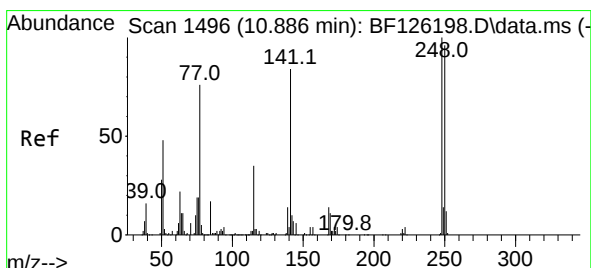
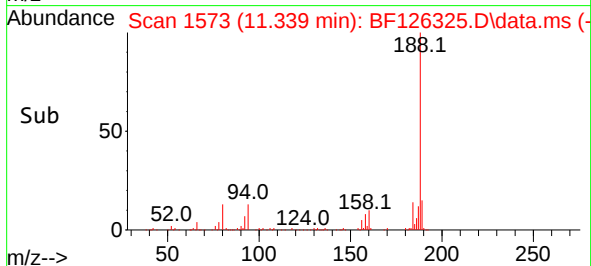
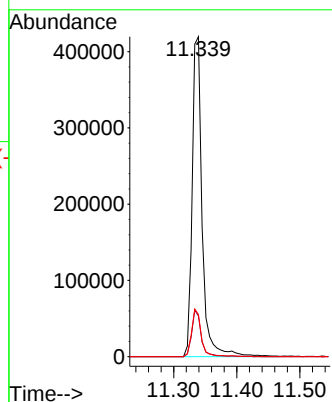
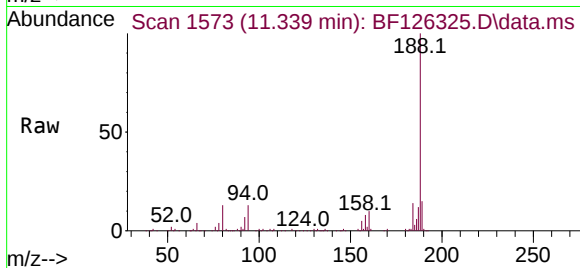
Tgt Ion:188 Resp: 463376

Ion Ratio Lower Upper

188 100

94 12.7 6.7 10.1#

80 13.2 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 3.784 ng

RT: 10.639 min Scan# 1454

Delta R.T. -0.247 min

Lab File: BF126325.D

Acq: 22 Dec 2021 12:52

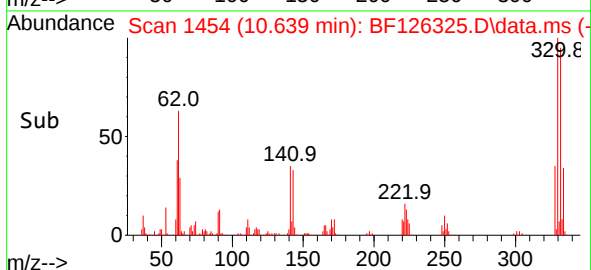
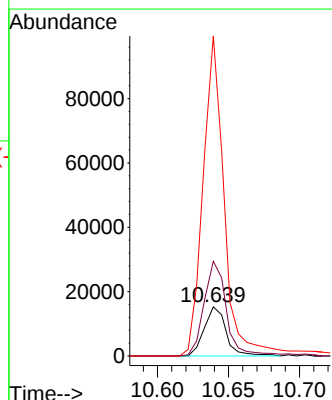
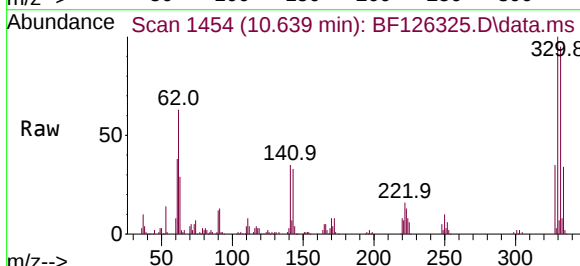
Tgt Ion:248 Resp: 16458

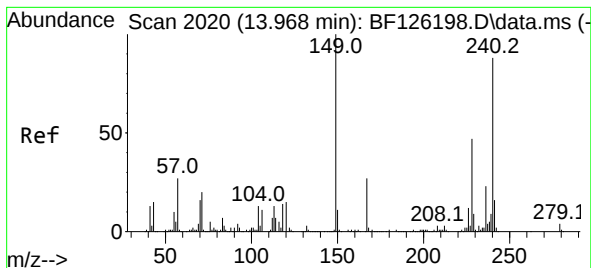
Ion Ratio Lower Upper

248 100

250 193.0 74.2 111.4#

141 651.8 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF126325.D

Acq: 22 Dec 2021 12:52

Instrument :

BNA_F

ClientSampleId :

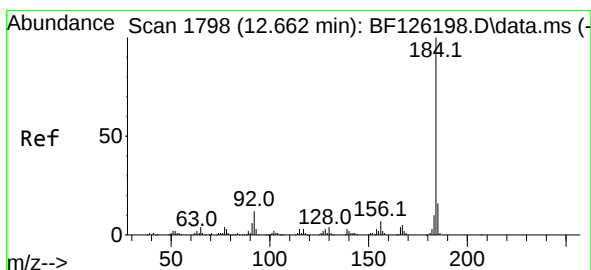
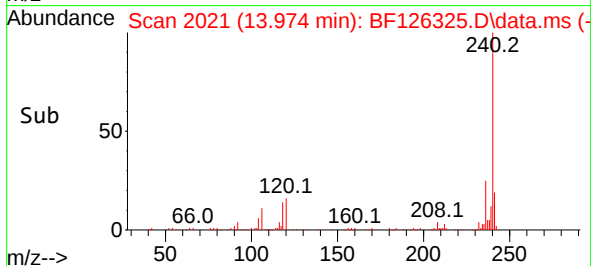
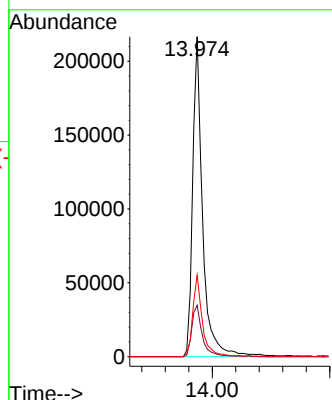
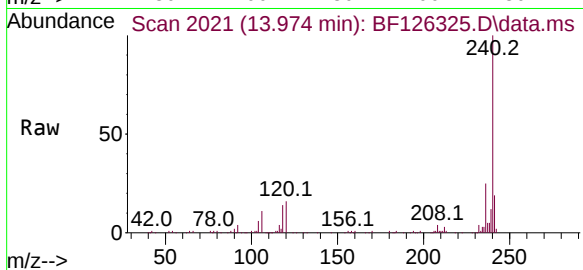
Tgt Ion:240 Resp: 255269

Ion Ratio Lower Upper

240 100

120 16.1 10.8 16.2

236 25.5 21.6 32.4



#77

Benzidine

Concen: 3.499 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.253 min

Lab File: BF126325.D

Acq: 22 Dec 2021 12:52

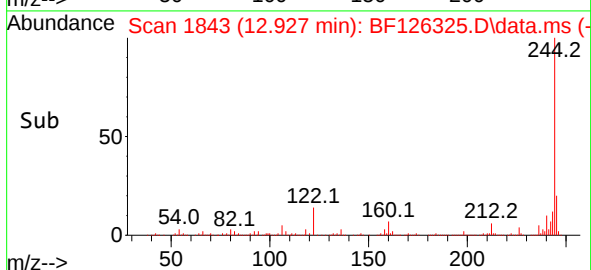
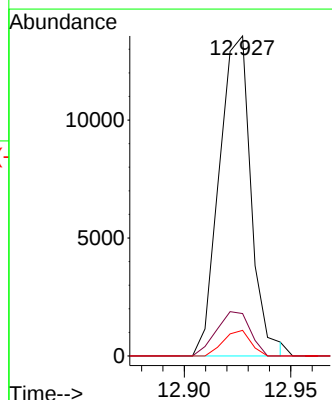
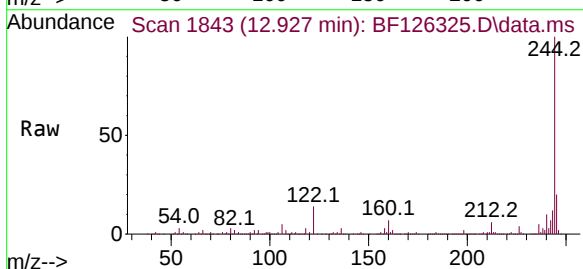
Tgt Ion:184 Resp: 14083

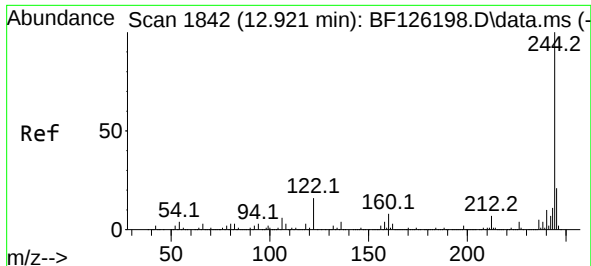
Ion Ratio Lower Upper

184 100

185 13.2 10.8 16.2

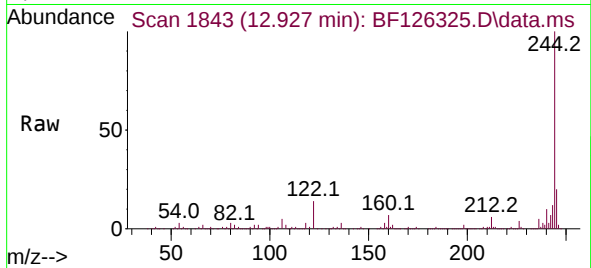
183 8.0 8.1 12.1#



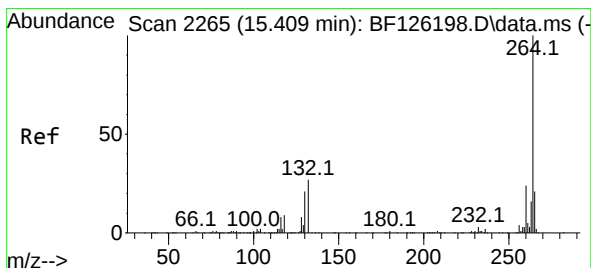
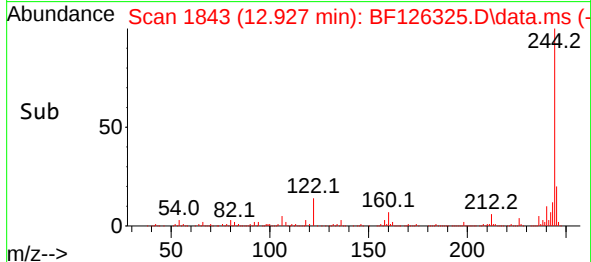
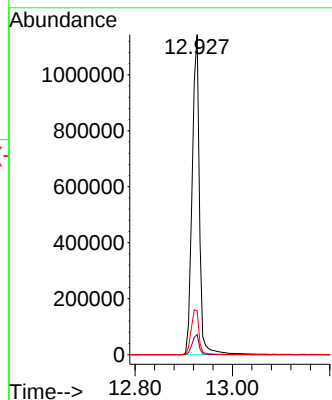


#79
 Terphenyl-d14
 Concen: 80.900 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.000 min
 Lab File: BF126325.D
 Acq: 22 Dec 2021 12:52

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1188134
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.9 8.9
 122 13.7 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.421 min Scan# 2267
 Delta R.T. -0.006 min
 Lab File: BF126325.D
 Acq: 22 Dec 2021 12:52

Tgt Ion:264 Resp: 240001
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.6 29.4
 265 21.5 17.2 25.8

