

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
 Data File : BF126270.D
 Acq On : 20 Dec 2021 10:51
 Operator : JU/CG
 Sample : PB141530BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 20 14:09:16 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

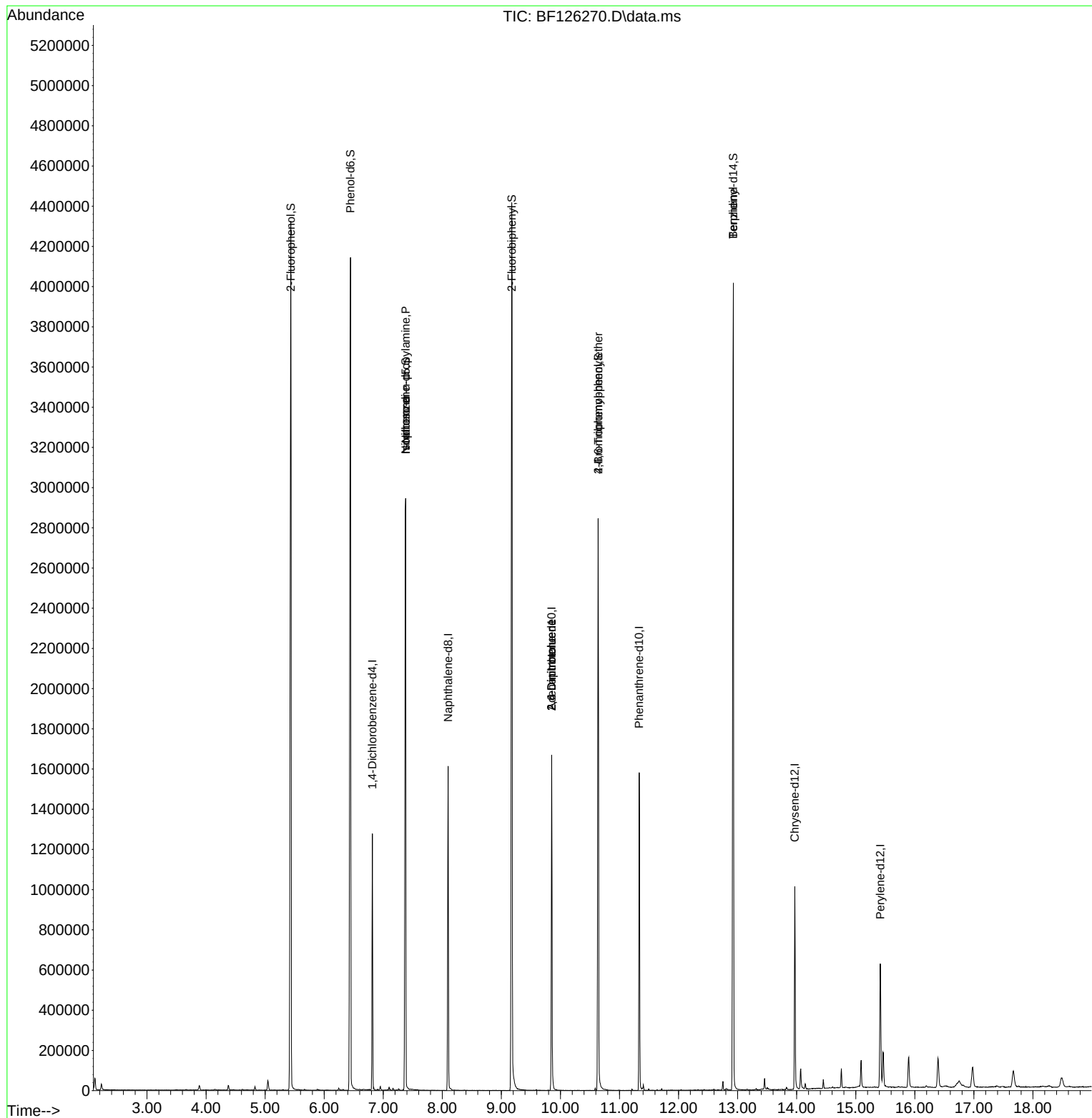
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	164080	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	726616	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	342381	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	545710	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	336614	20.000	ng	# 0.00
86) Perylene-d12	15.415	264	282586	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1427386	128.111	ng	0.01
7) Phenol-d6	6.445	99	1786669	126.291	ng	0.00
23) Nitrobenzene-d5	7.381	82	1175898	87.647	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	355590	129.234	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1620645	83.019	ng	0.00
79) Terphenyl-d14	12.927	244	1478311	76.333	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.381	70	148145	17.058	ng	# 53
25) Isophorone	7.381	82	1140303	45.008	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	44307	9.438	ng	# 27
57) 2,4-Dinitrotoluene	9.851	165	44307	7.399	ng	# 19
67) 4-Bromophenyl-phenylether	10.639	248	18983	3.706	ng	# 1
77) Benzydine	12.927	184	18167	3.423	ng	# 94

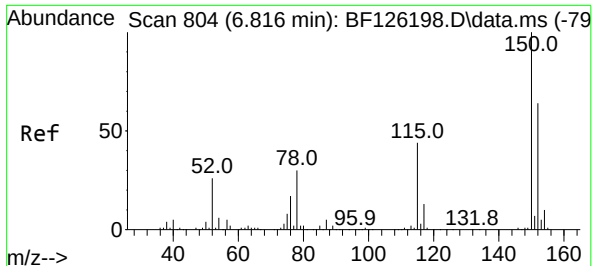
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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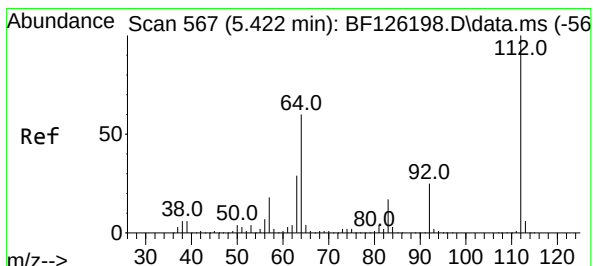
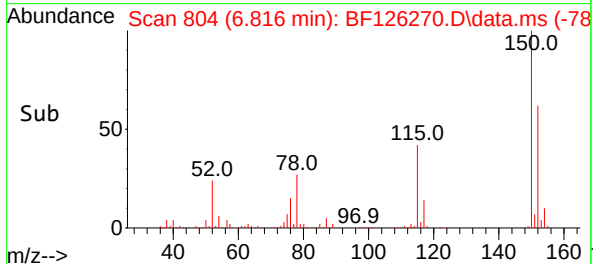
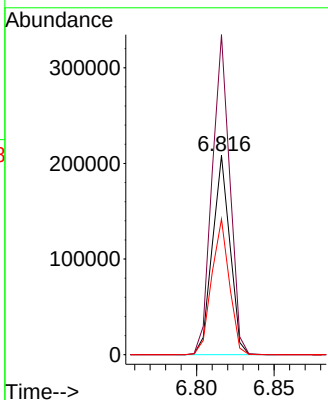
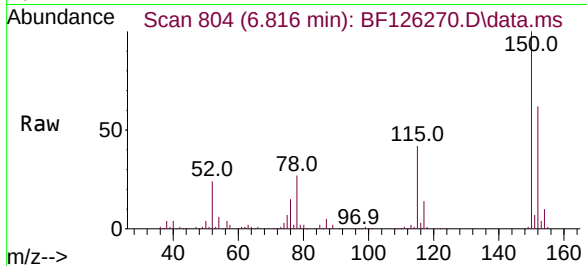




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF126270.D
Acq: 20 Dec 2021 10:51

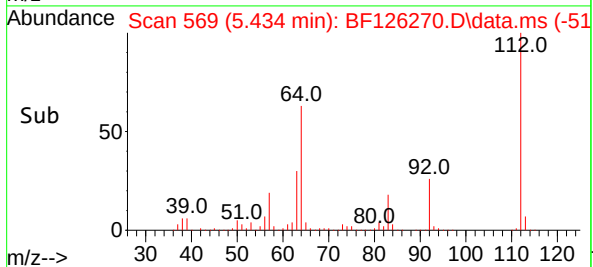
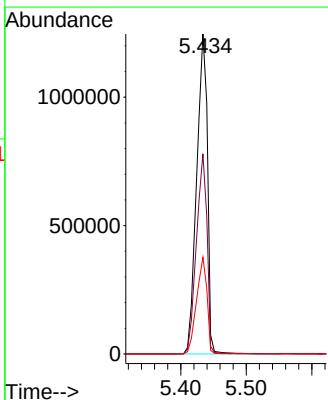
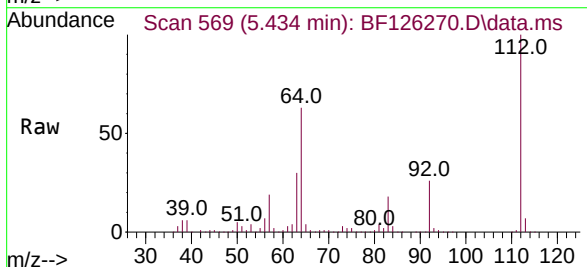
Instrument :
BNA_F
ClientSampleId :

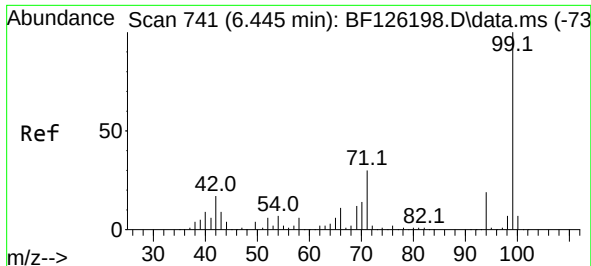
Tgt Ion:152 Resp: 164080
Ion Ratio Lower Upper
152 100
150 160.7 117.6 176.4
115 68.0 47.1 70.7



#5
2-Fluorophenol
Concen: 128.111 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.012 min
Lab File: BF126270.D
Acq: 20 Dec 2021 10:51

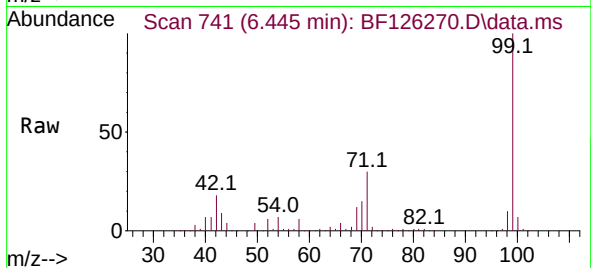
Tgt Ion:112 Resp: 1427386
Ion Ratio Lower Upper
112 100
64 62.5 44.2 66.2
63 30.2 26.2 39.2





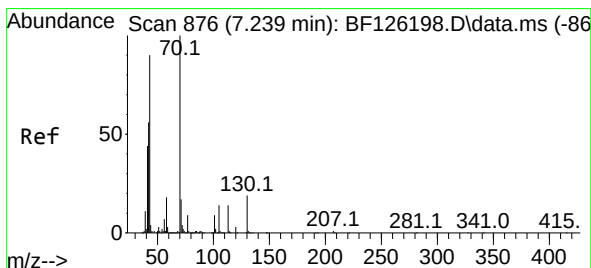
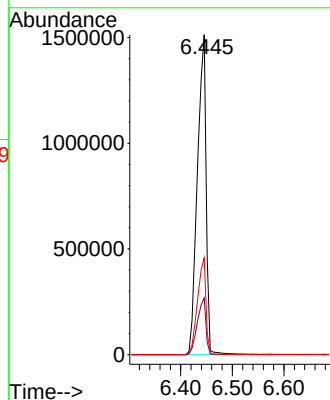
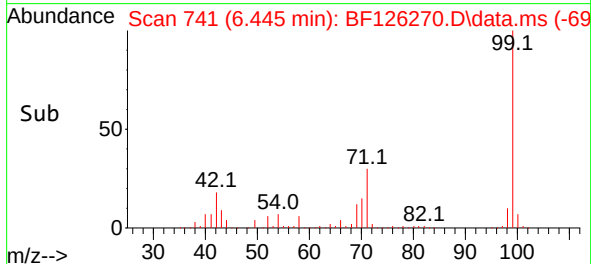
#7
Phenol-d6
Concen: 126.291 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF126270.D
Acq: 20 Dec 2021 10:51

Instrument :
BNA_F
ClientSampleId :

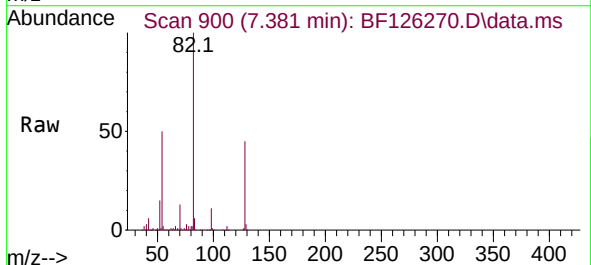


Tgt Ion: 99 Resp: 1786669

Ion	Ratio	Lower	Upper
99	100		
42	17.7	23.5	35.3#
71	30.3	25.6	38.4

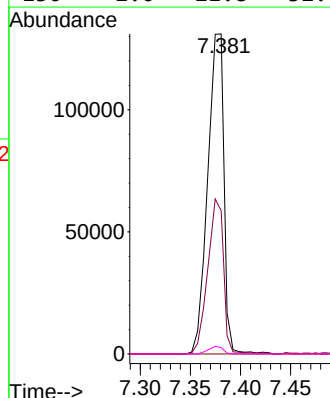
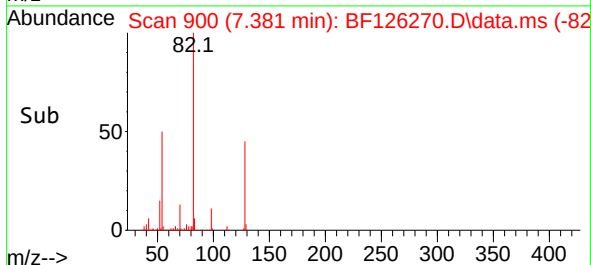


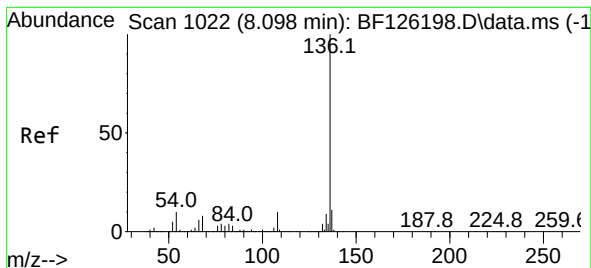
#19
n-Nitroso-di-n-propylamine
Concen: 17.058 ng
RT: 7.381 min Scan# 900
Delta R.T. 0.141 min
Lab File: BF126270.D
Acq: 20 Dec 2021 10:51



Tgt Ion: 70 Resp: 148145

Ion	Ratio	Lower	Upper
70	100		
42	44.8	72.2	108.2#
101	0.0	7.8	11.8#
130	2.0	21.8	32.6#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.098 min Scan# 1022

Delta R.T. 0.000 min

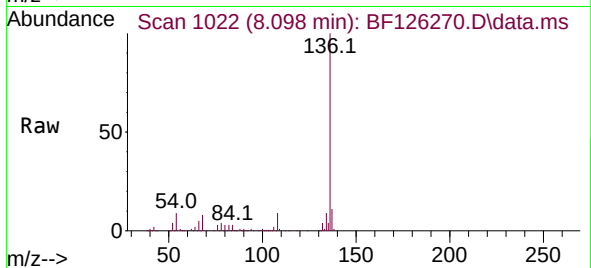
Lab File: BF126270.D

Acq: 20 Dec 2021 10:51

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 726616

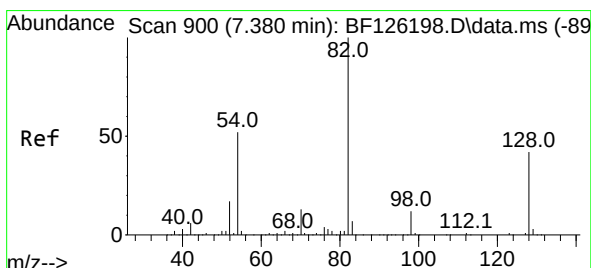
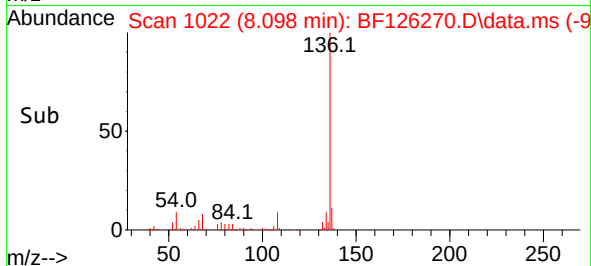
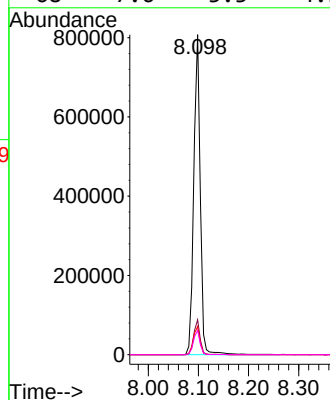
Ion Ratio Lower Upper

136 100

137 10.9 9.8 14.6

54 8.8 6.4 9.6

68 7.6 3.3 4.9#



#23

Nitrobenzene-d5

Concen: 87.647 ng

RT: 7.381 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF126270.D

Acq: 20 Dec 2021 10:51

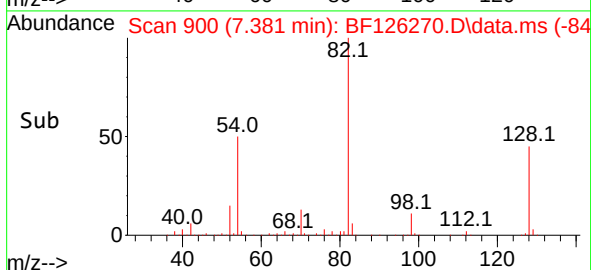
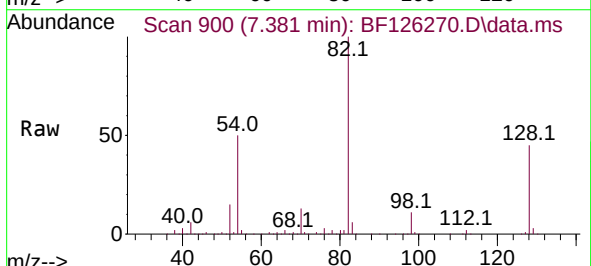
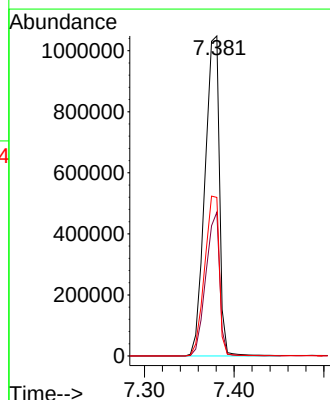
Tgt Ion: 82 Resp: 1175898

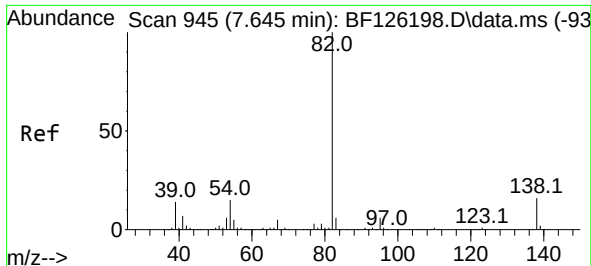
Ion Ratio Lower Upper

82 100

128 44.9 40.6 60.8

54 49.5 49.6 74.4#

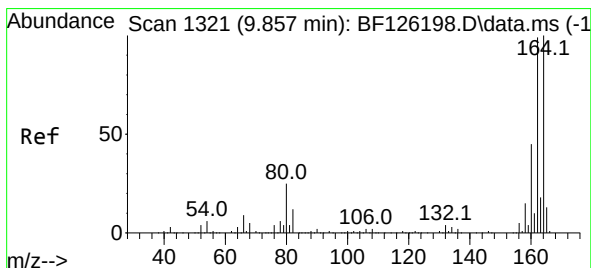
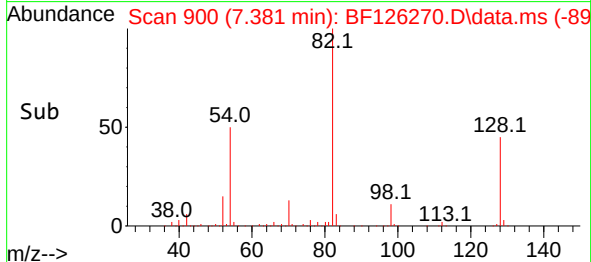
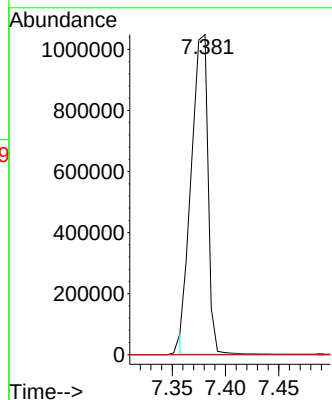
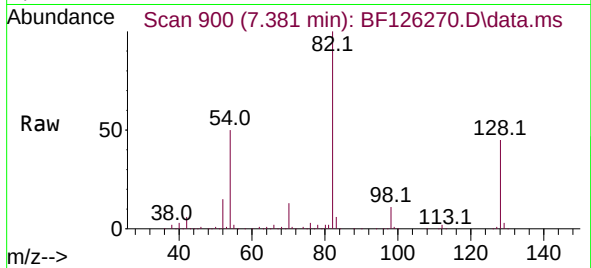




#25
Isophorone
Concen: 45.008 ng
RT: 7.381 min Scan# 90
Delta R.T. -0.264 min
Lab File: BF126270.D
Acq: 20 Dec 2021 10:51

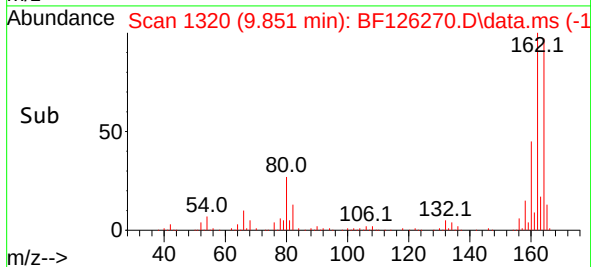
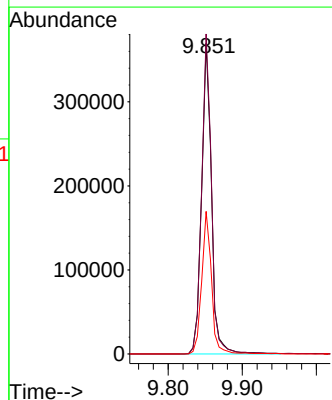
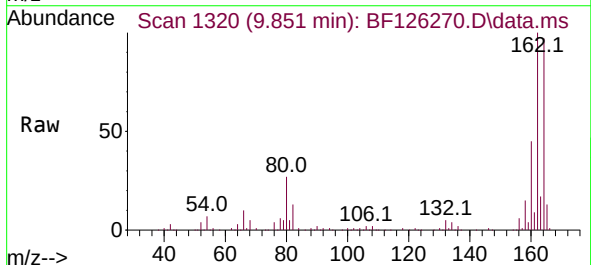
Instrument :
BNA_F
ClientSampleId :

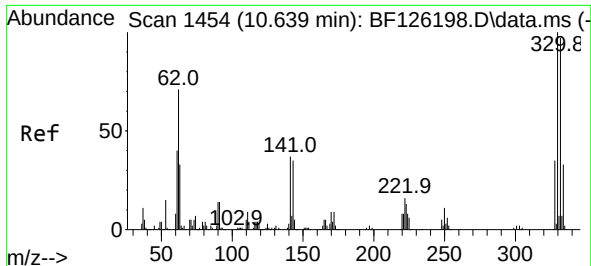
Tgt Ion: 82 Resp: 1140303
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126270.D
Acq: 20 Dec 2021 10:51

Tgt Ion: 164 Resp: 342381
Ion Ratio Lower Upper
164 100
162 103.0 81.3 121.9
160 45.9 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 129.234 ng

RT: 10.639 min Scan# 1454

Delta R.T. 0.000 min

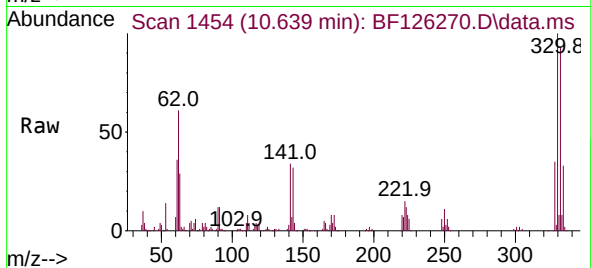
Lab File: BF126270.D

Acq: 20 Dec 2021 10:51

Instrument :

BNA_F

ClientSampleId :



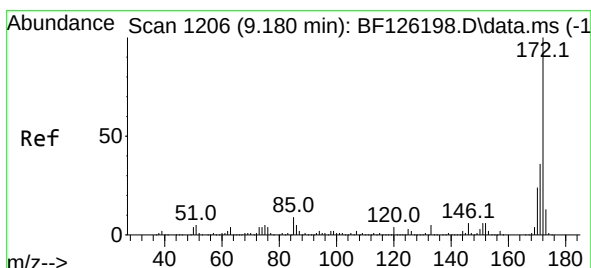
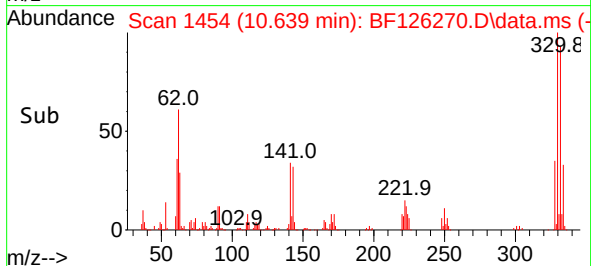
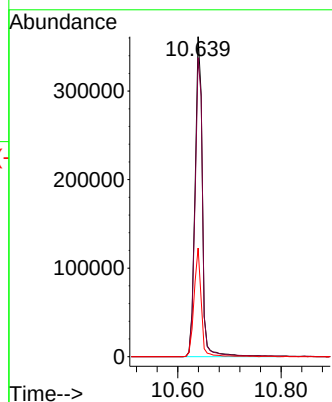
Tgt Ion:330 Resp: 355590

Ion Ratio Lower Upper

330 100

332 95.0 76.2 114.4

141 33.4 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 83.019 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF126270.D

Acq: 20 Dec 2021 10:51

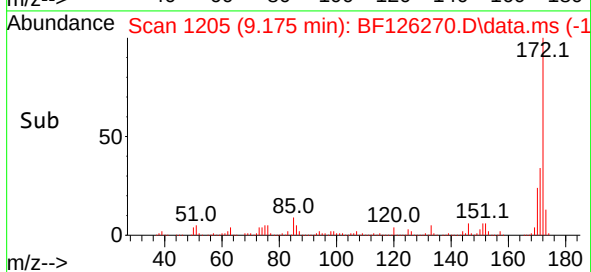
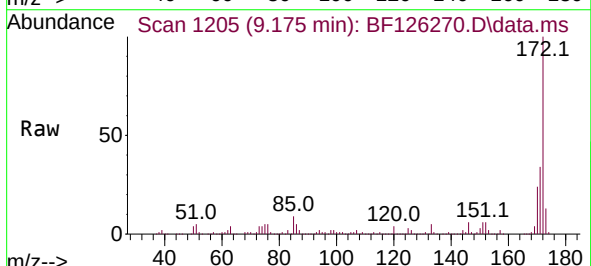
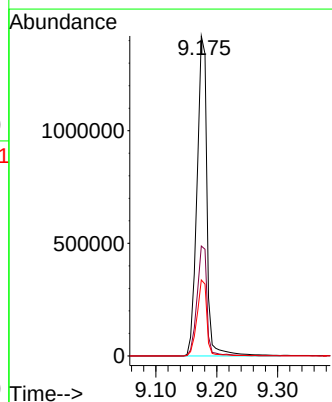
Tgt Ion:172 Resp: 1620645

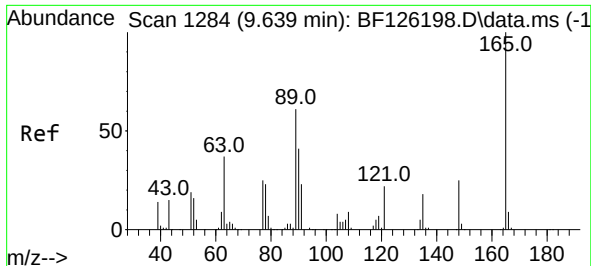
Ion Ratio Lower Upper

172 100

171 34.4 26.5 39.7

170 23.8 18.8 28.2

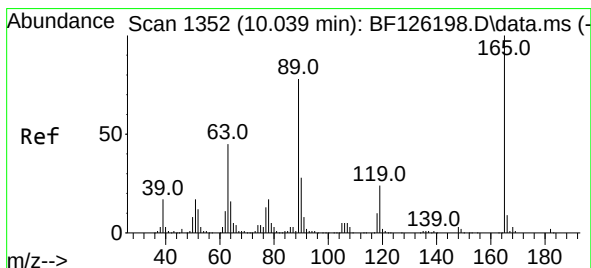
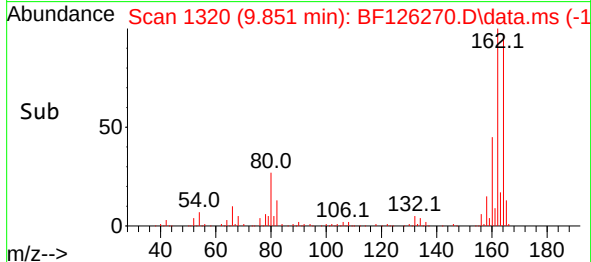
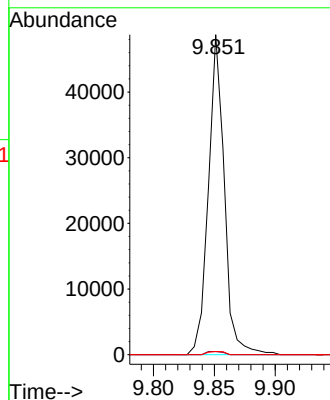
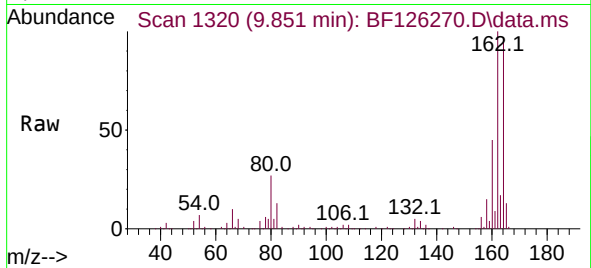




#51
2,6-Dinitrotoluene
Concen: 9.438 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126270.D
Acq: 20 Dec 2021 10:51

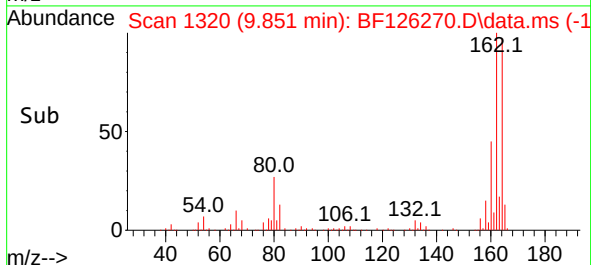
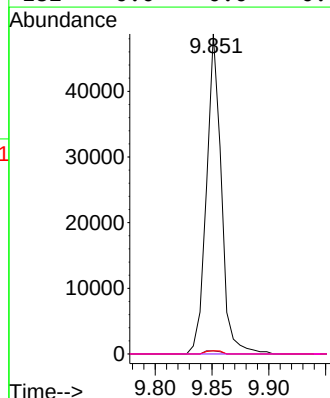
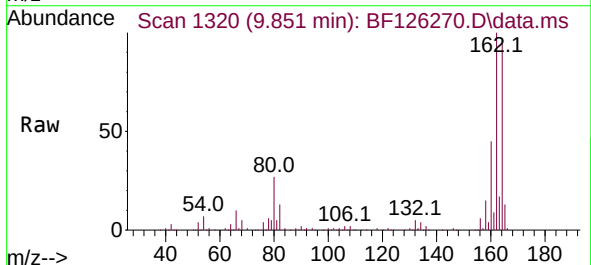
Instrument :
BNA_F
ClientSampleId :

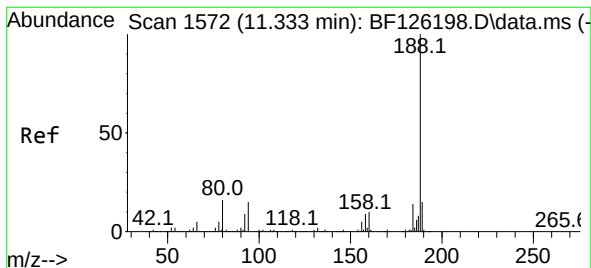
Tgt Ion:165 Resp: 44307
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.399 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF126270.D
Acq: 20 Dec 2021 10:51

Tgt Ion:165 Resp: 44307
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF126270.D

Acq: 20 Dec 2021 10:51

Instrument :

BNA_F

ClientSampleId :

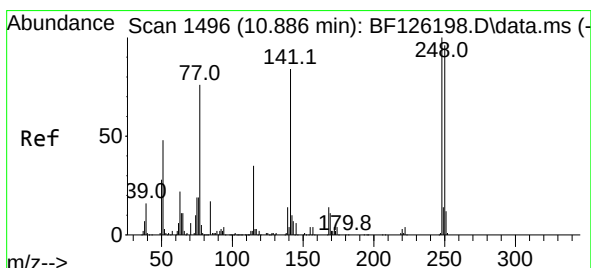
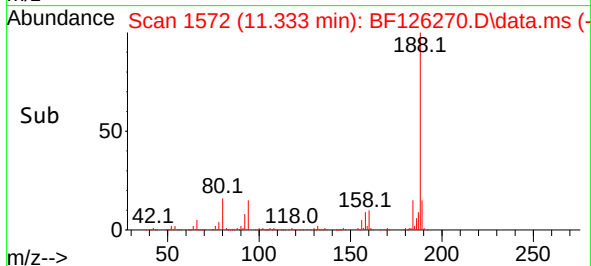
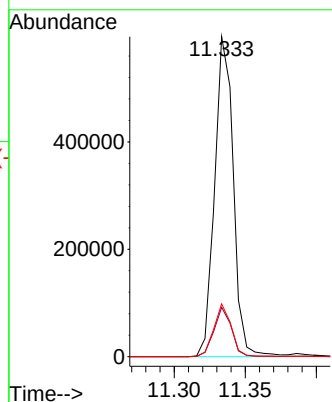
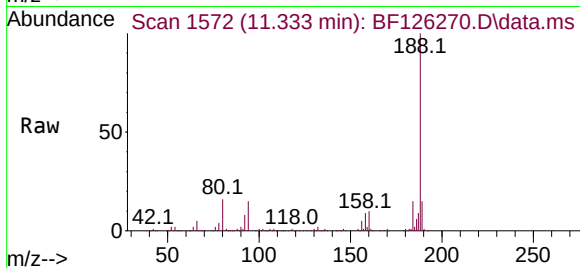
Tgt Ion:188 Resp: 545710

Ion Ratio Lower Upper

188 100

94 15.4 6.7 10.1#

80 16.5 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 3.706 ng

RT: 10.639 min Scan# 1454

Delta R.T. -0.247 min

Lab File: BF126270.D

Acq: 20 Dec 2021 10:51

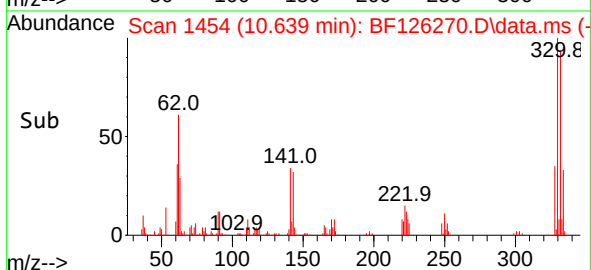
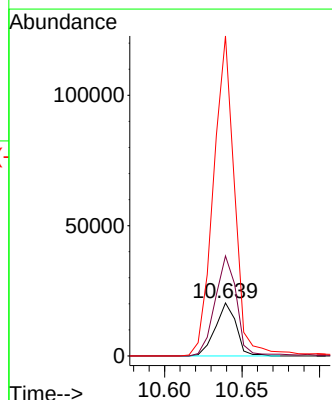
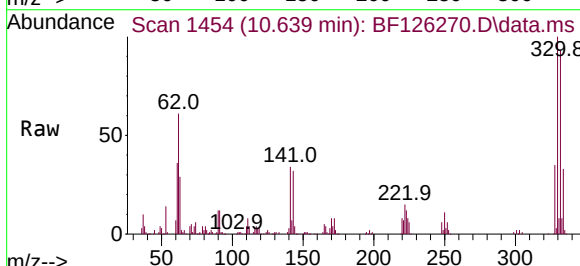
Tgt Ion:248 Resp: 18983

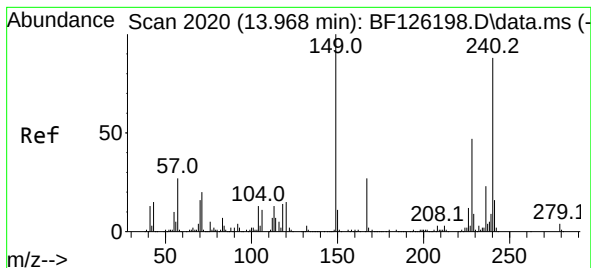
Ion Ratio Lower Upper

248 100

250 189.1 74.2 111.4#

141 604.6 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF126270.D

Acq: 20 Dec 2021 10:51

Instrument :

BNA_F

ClientSampleId :

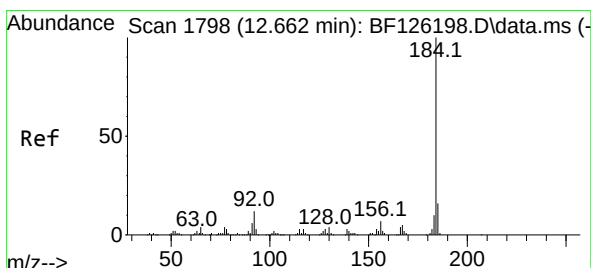
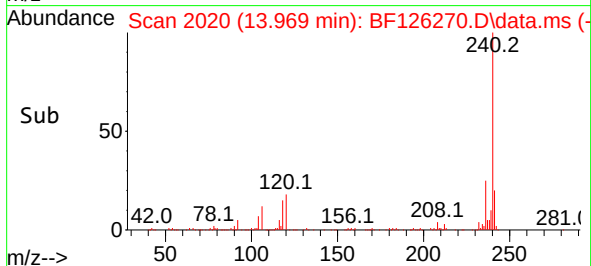
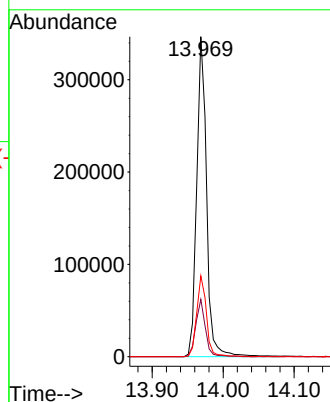
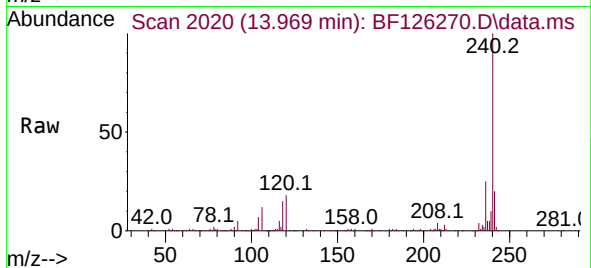
Tgt Ion:240 Resp: 336614

Ion Ratio Lower Upper

240 100

120 17.9 10.8 16.2#

236 25.2 21.6 32.4



#77

Benzidine

Concen: 3.423 ng

RT: 12.927 min Scan# 1843

Delta R.T. 0.265 min

Lab File: BF126270.D

Acq: 20 Dec 2021 10:51

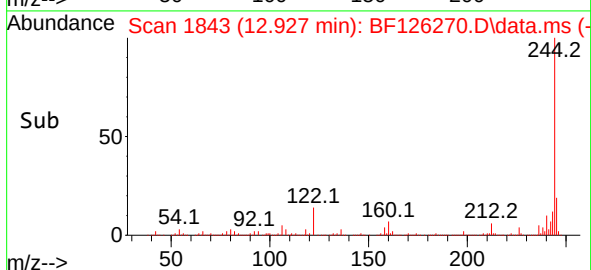
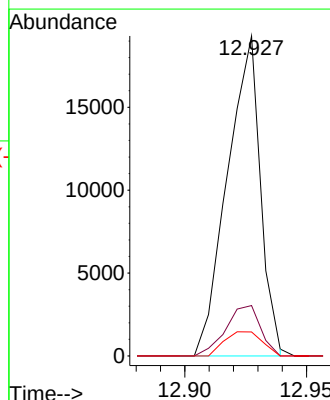
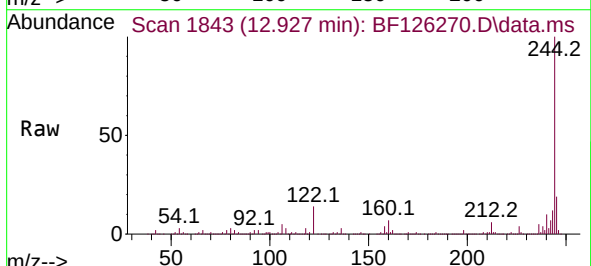
Tgt Ion:184 Resp: 18167

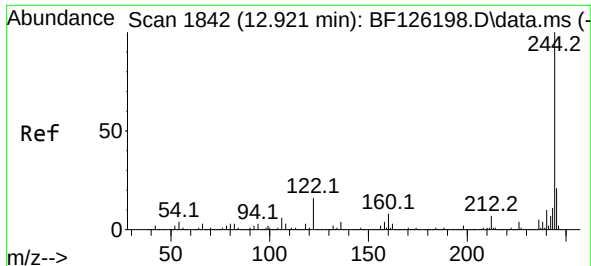
Ion Ratio Lower Upper

184 100

185 15.7 10.8 16.2

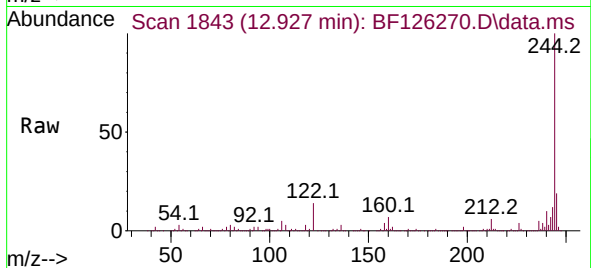
183 7.5 8.1 12.1#



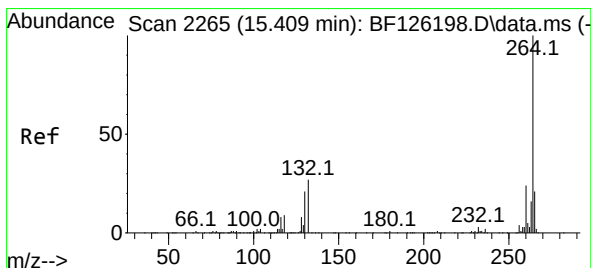
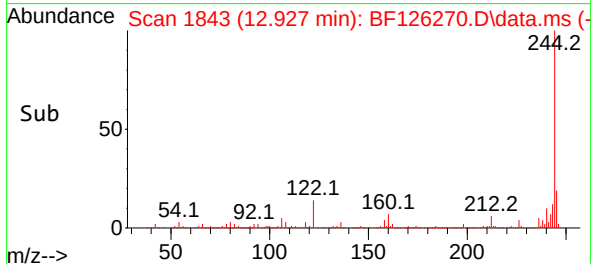
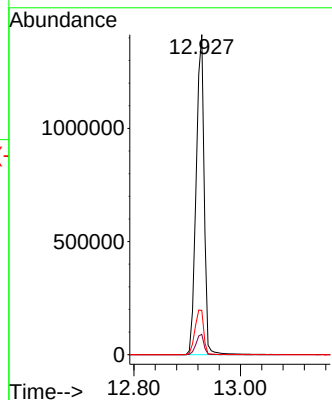


#79
 Terphenyl-d14
 Concen: 76.333 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF126270.D
 Acq: 20 Dec 2021 10:51

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1478311
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.9 8.9
 122 13.9 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.415 min Scan# 2266
 Delta R.T. 0.006 min
 Lab File: BF126270.D
 Acq: 20 Dec 2021 10:51

Tgt Ion:264 Resp: 282586
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.6 29.4
 265 22.1 17.2 25.8

