

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
 Data File : BF126212.D
 Acq On : 16 Dec 2021 15:20
 Operator : JU/CG
 Sample : M5022-39
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 16 15:41:37 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)

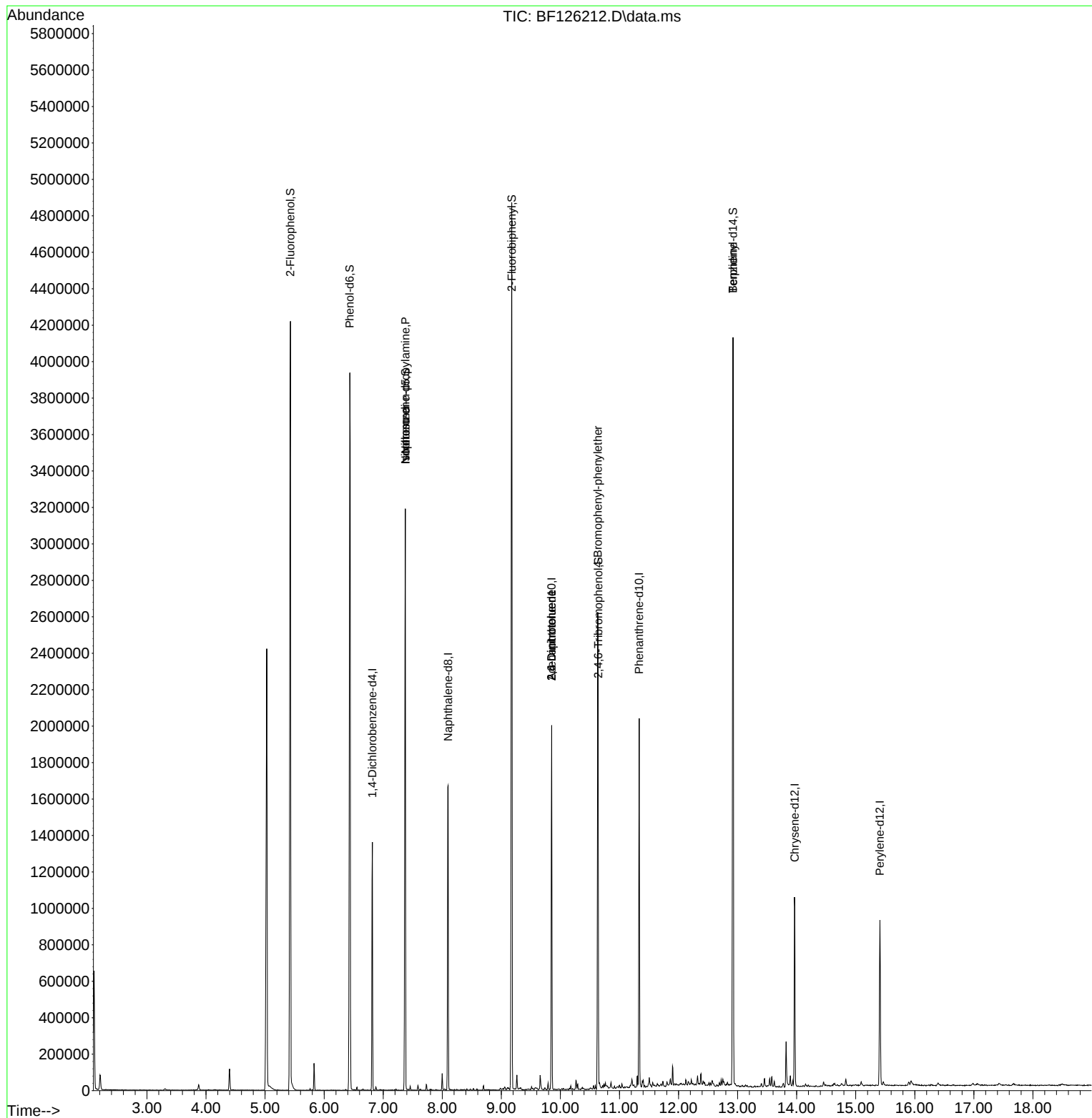
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	187489	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	787250	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	377539	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	635657	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	344158	20.000	ng	0.00
86) Perylene-d12	15.410	264	349828	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1243150	97.644	ng	0.00
7) Phenol-d6	6.434	99	1624329	100.480	ng	-0.01
23) Nitrobenzene-d5	7.375	82	1038197	71.423	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	292384	96.367	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1480836	68.793	ng	0.00
79) Terphenyl-d14	12.922	244	1366497	69.013	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	132667	13.368	ng	# 54
25) Isophorone	7.375	82	983511	35.830	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	49189	9.503	ng	# 27
57) 2,4-Dinitrotoluene	9.851	165	49189	7.449	ng	# 19
67) 4-Bromophenyl-phenylether	10.633	248	16710	2.801	ng	# 1
77) Benzidine	12.922	184	17344	3.197	ng	96

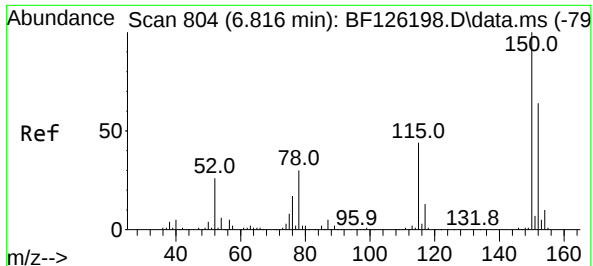
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
Data File : BF126212.D
Acq On : 16 Dec 2021 15:20
Operator : JU/CG
Sample : M5022-39
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

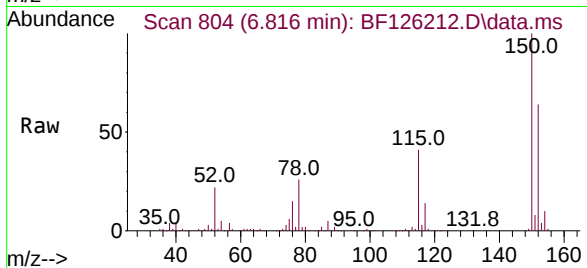
Quant Time: Dec 16 15:41:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 16 12:22:48 2021
Response via : Initial Calibration



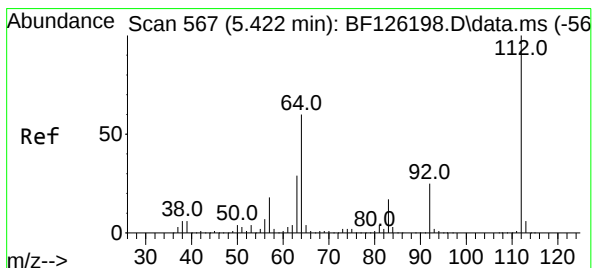
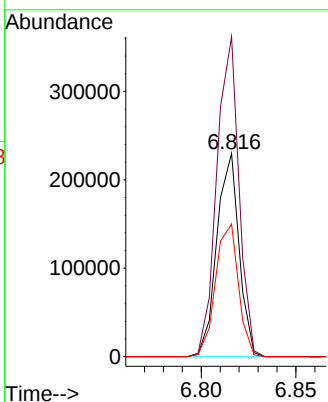
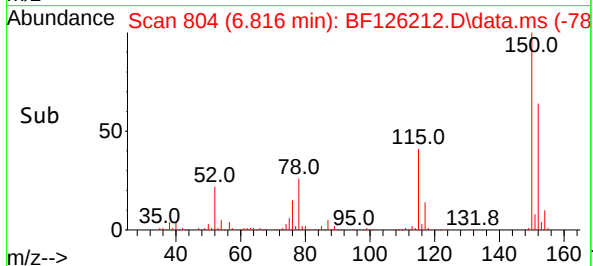


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF126212.D
Acq: 16 Dec 2021 15:20

Instrument :
BNA_F
ClientSampleId :

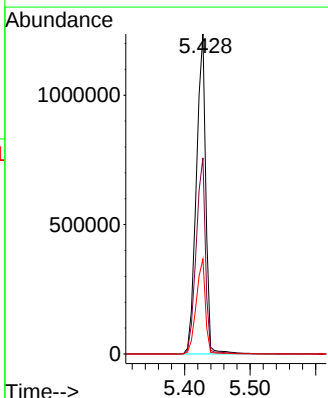
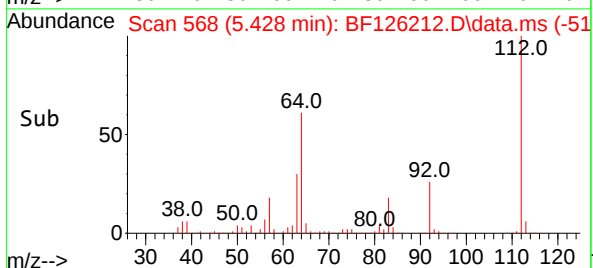
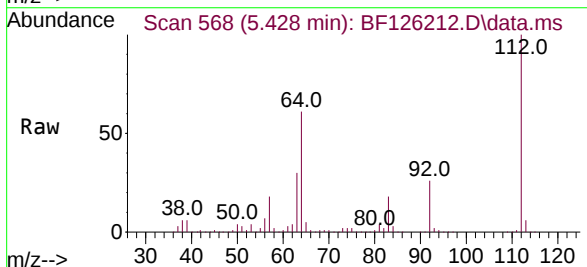


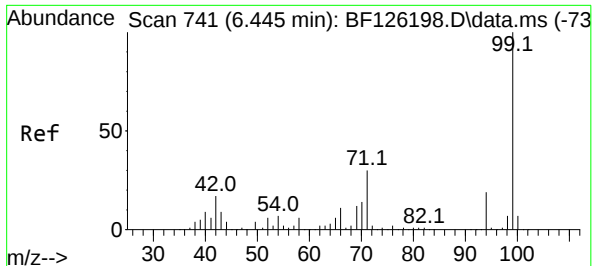
Tgt Ion:152 Resp: 187489
Ion Ratio Lower Upper
152 100
150 157.4 117.6 176.4
115 65.2 47.1 70.7



#5
2-Fluorophenol
Concen: 97.644 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF126212.D
Acq: 16 Dec 2021 15:20

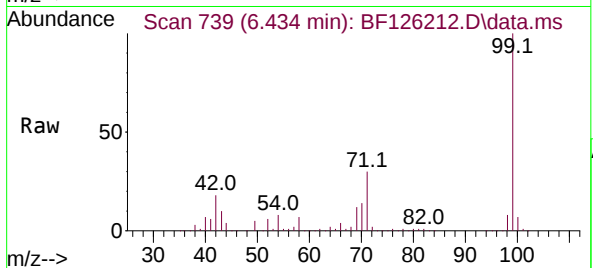
Tgt Ion:112 Resp: 1243150
Ion Ratio Lower Upper
112 100
64 61.3 44.2 66.2
63 29.7 26.2 39.2



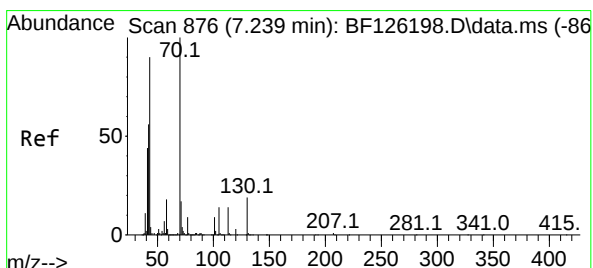
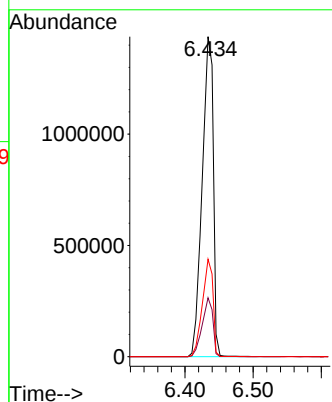
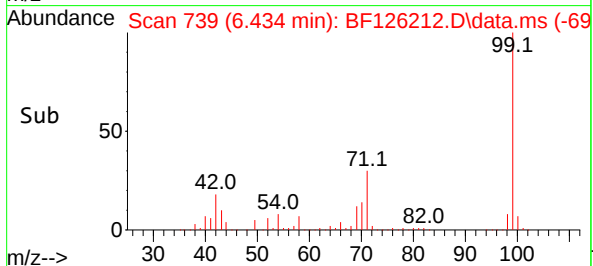


#7
Phenol-d6
Concen: 100.480 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126212.D
Acq: 16 Dec 2021 15:20

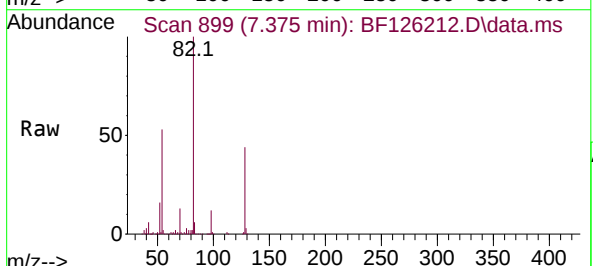
Instrument :
BNA_F
ClientSampleId :



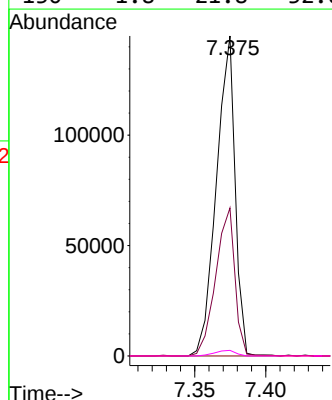
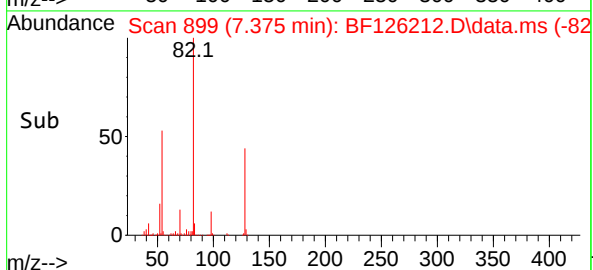
Tgt Ion: 99 Resp: 1624329
Ion Ratio Lower Upper
99 100
42 18.4 23.5 35.3#
71 30.4 25.6 38.4

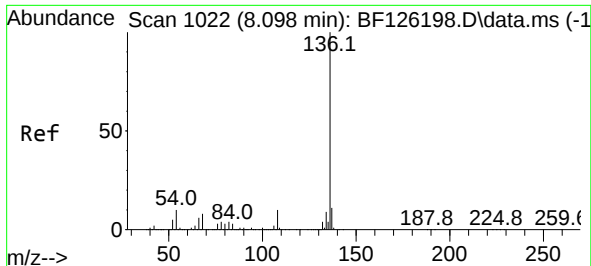


#19
n-Nitroso-di-n-propylamine
Concen: 13.368 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.136 min
Lab File: BF126212.D
Acq: 16 Dec 2021 15:20



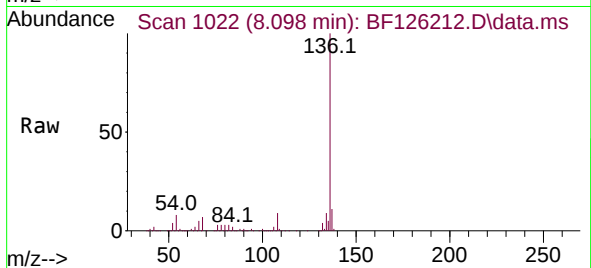
Tgt Ion: 70 Resp: 132667
Ion Ratio Lower Upper
70 100
42 46.2 72.2 108.2#
101 0.0 7.8 11.8#
130 1.8 21.8 32.6#



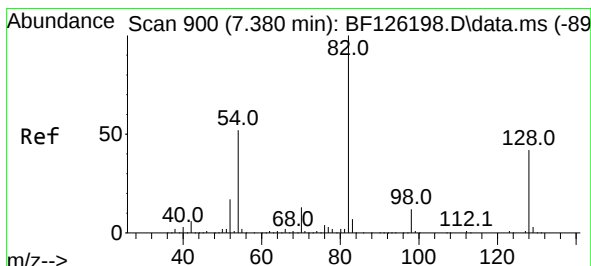
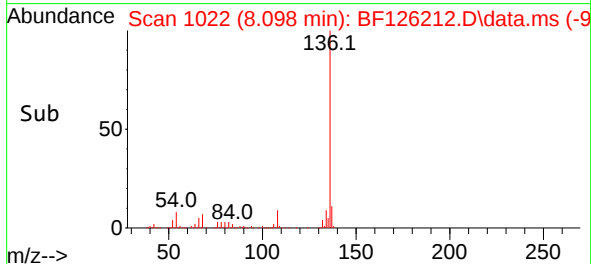
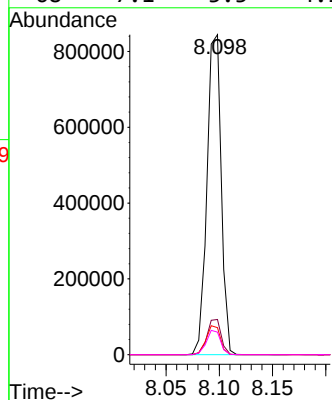


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126212.D
Acq: 16 Dec 2021 15:20

Instrument :
BNA_F
ClientSampleId :

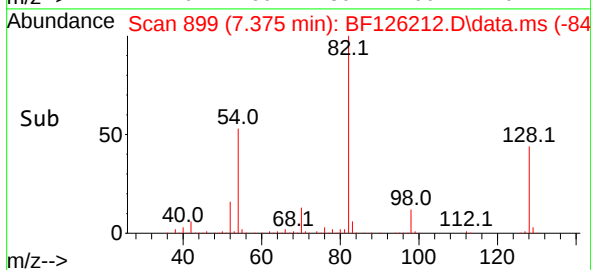
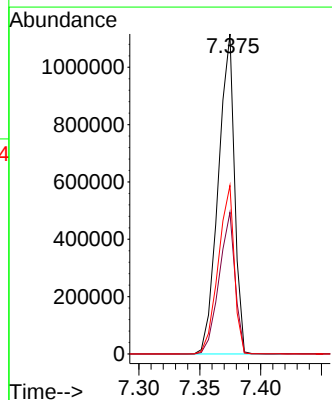
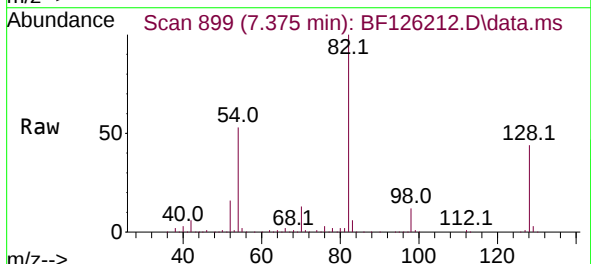


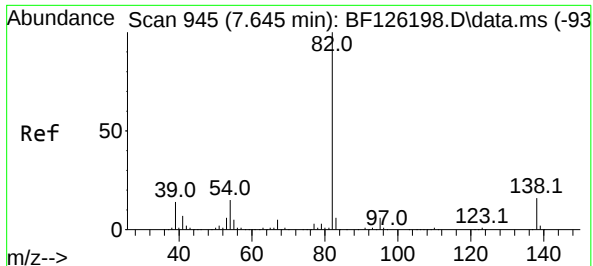
Tgt Ion:136 Resp: 787250
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 8.4 6.4 9.6
68 7.1 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 71.423 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126212.D
Acq: 16 Dec 2021 15:20

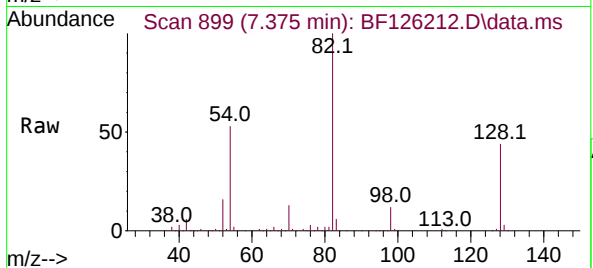
Tgt Ion: 82 Resp: 1038197
Ion Ratio Lower Upper
82 100
128 44.3 40.6 60.8
54 52.7 49.6 74.4



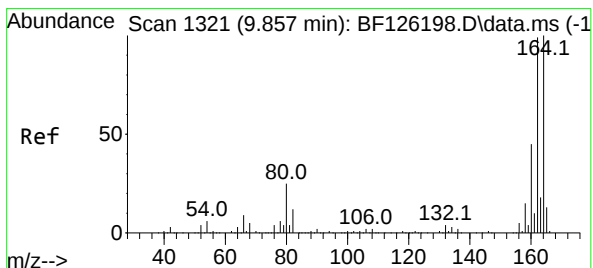
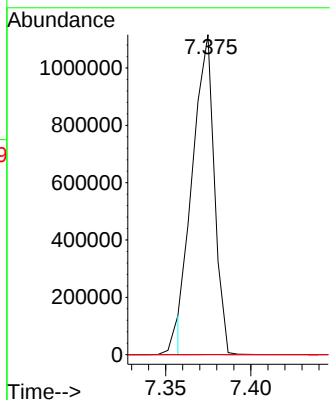
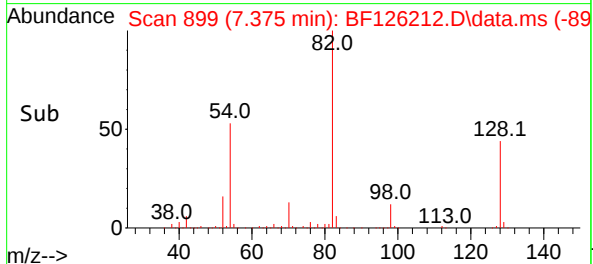


#25
Isophorone
Concen: 35.830 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.270 min
Lab File: BF126212.D
Acq: 16 Dec 2021 15:20

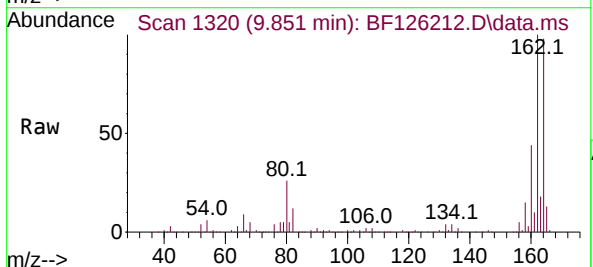
Instrument :
BNA_F
ClientSampleId :



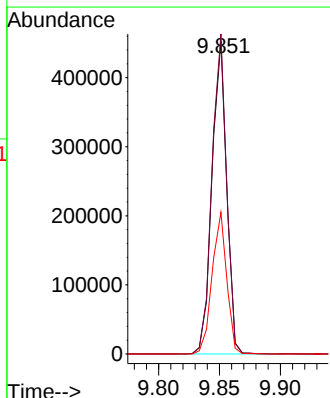
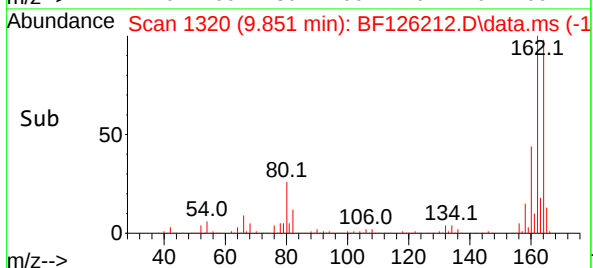
Tgt Ion: 82 Resp: 983511
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

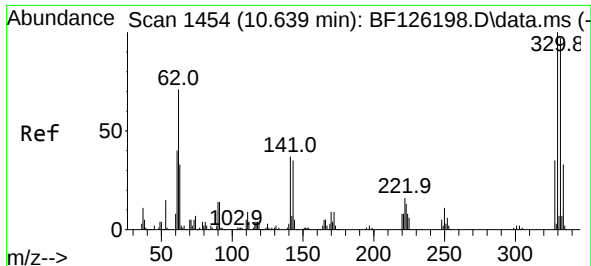


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126212.D
Acq: 16 Dec 2021 15:20



Tgt Ion: 164 Resp: 377539
Ion Ratio Lower Upper
164 100
162 102.2 81.3 121.9
160 45.2 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 96.367 ng

RT: 10.639 min Scan# 1454

Delta R.T. 0.000 min

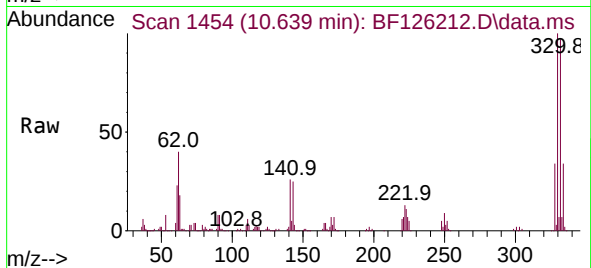
Lab File: BF126212.D

Acq: 16 Dec 2021 15:20

Instrument :

BNA_F

ClientSampleId :



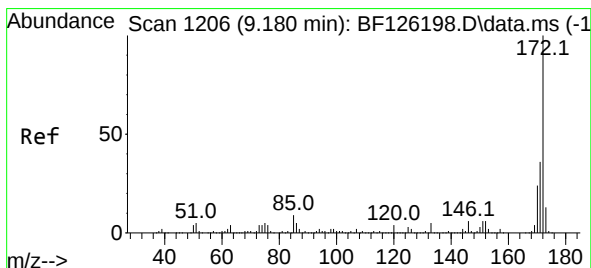
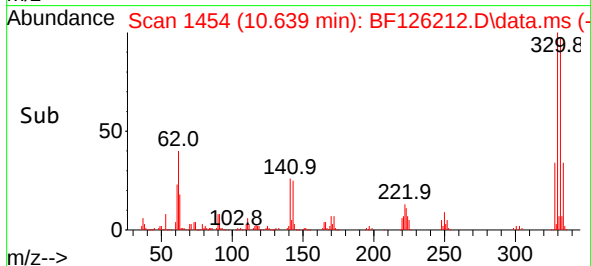
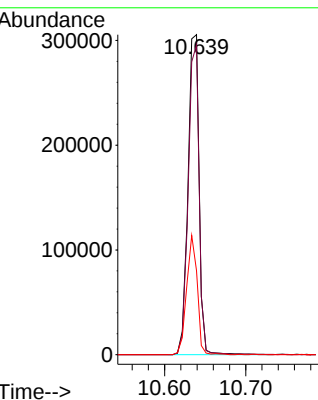
Tgt Ion:330 Resp: 292384

Ion Ratio Lower Upper

330 100

332 94.6 76.2 114.4

141 35.5 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 68.793 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF126212.D

Acq: 16 Dec 2021 15:20

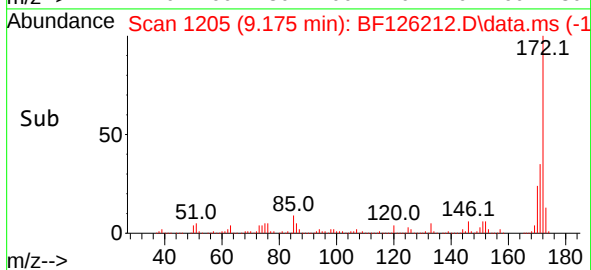
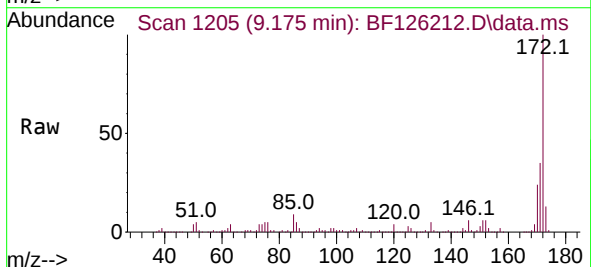
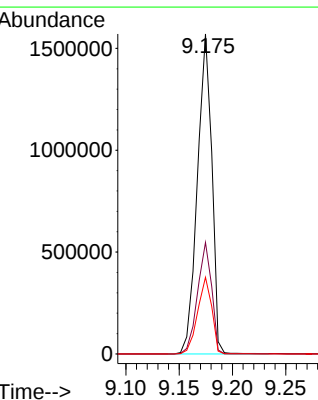
Tgt Ion:172 Resp: 1480836

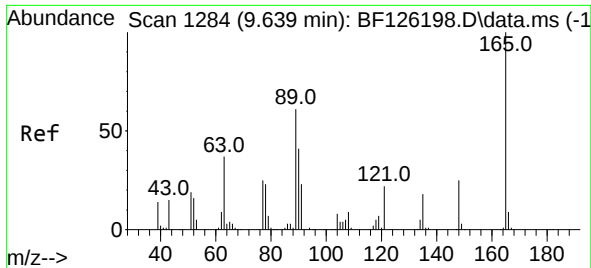
Ion Ratio Lower Upper

172 100

171 34.9 26.5 39.7

170 23.9 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 9.503 ng

RT: 9.851 min Scan# 1

Delta R.T. 0.212 min

Lab File: BF126212.D

Acq: 16 Dec 2021 15:20

Instrument :

BNA_F

ClientSampleId :

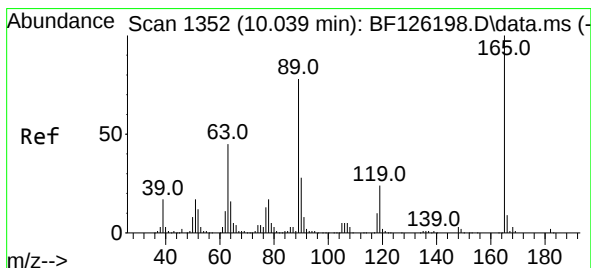
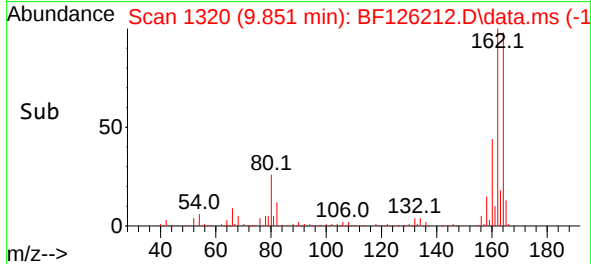
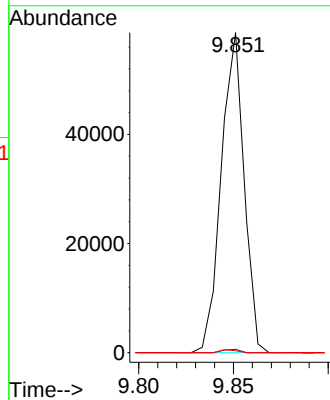
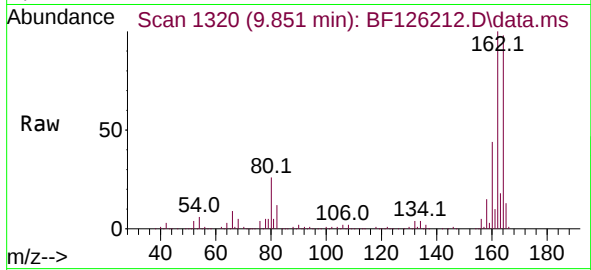
Tgt Ion:165 Resp: 49189

Ion Ratio Lower Upper

165 100

63 1.1 42.6 63.8#

89 0.6 40.6 60.8#



#57

2,4-Dinitrotoluene

Concen: 7.449 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.188 min

Lab File: BF126212.D

Acq: 16 Dec 2021 15:20

Tgt Ion:165 Resp: 49189

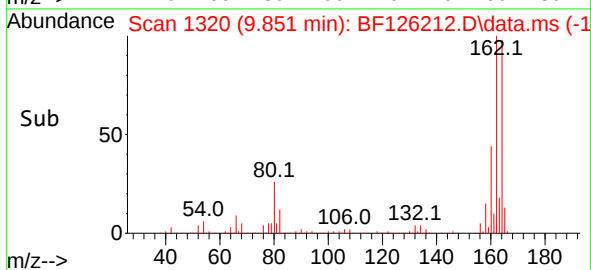
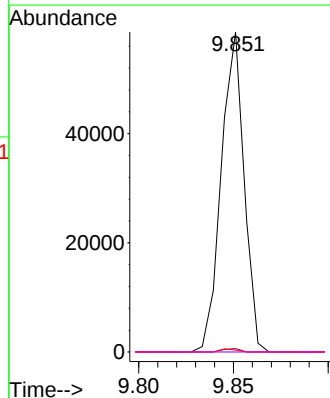
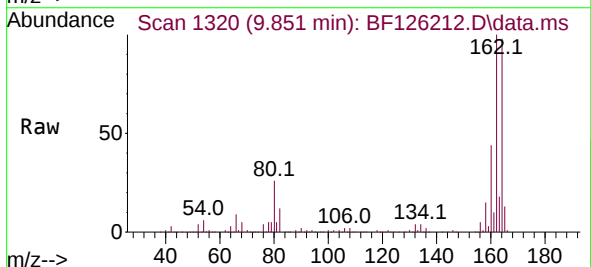
Ion Ratio Lower Upper

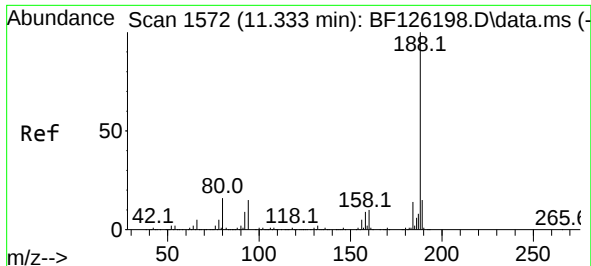
165 100

63 1.1 40.9 61.3#

89 0.6 59.7 89.5#

182 0.0 0.0 0.0

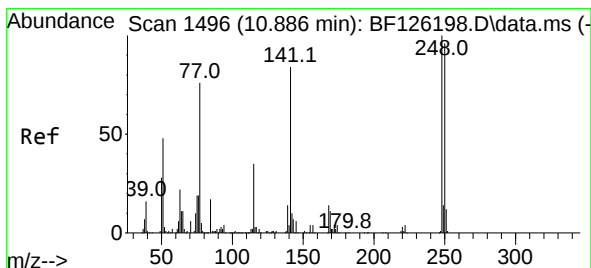
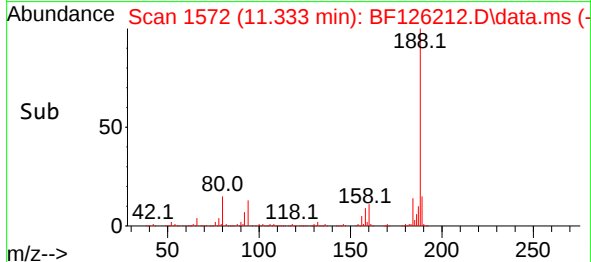
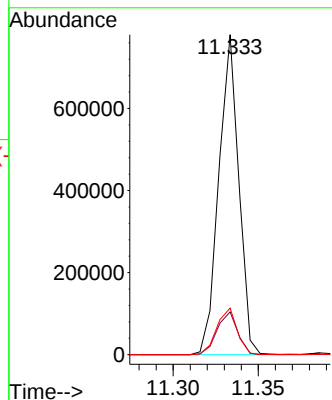
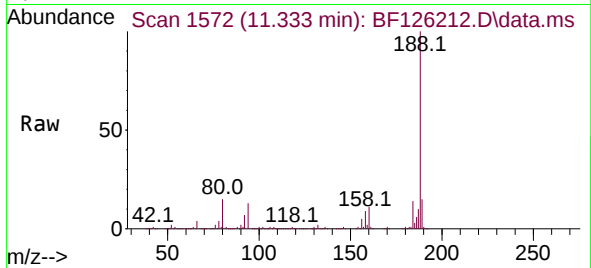




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126212.D
Acq: 16 Dec 2021 15:20

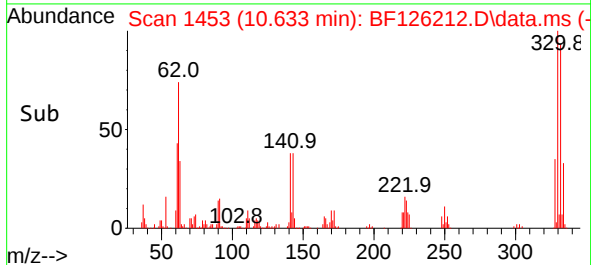
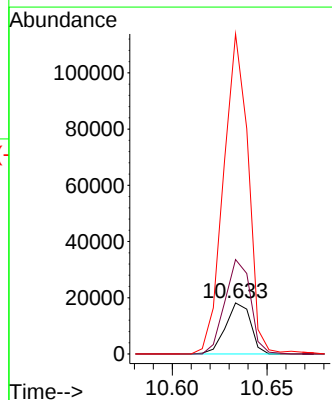
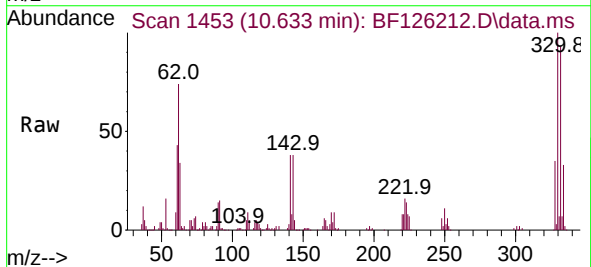
Instrument :
BNA_F
ClientSampleId :

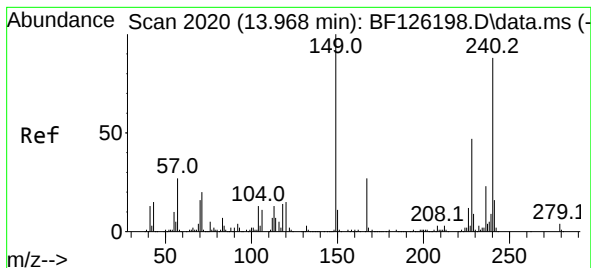
Tgt Ion:188 Resp: 635657
Ion Ratio Lower Upper
188 100
94 13.4 6.7 10.1#
80 14.6 7.5 11.3#



#67
4-Bromophenyl-phenylether
Concen: 2.801 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.253 min
Lab File: BF126212.D
Acq: 16 Dec 2021 15:20

Tgt Ion:248 Resp: 16710
Ion Ratio Lower Upper
248 100
250 184.7 74.2 111.4#
141 626.1 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: BF126212.D

Acq: 16 Dec 2021 15:20

Instrument :

BNA_F

ClientSampleId :

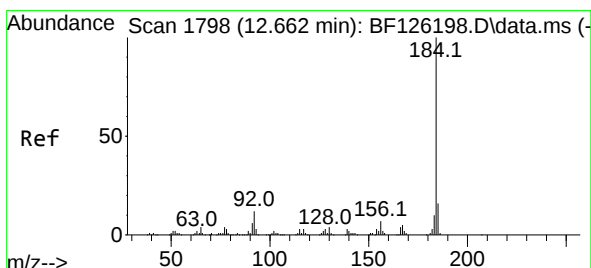
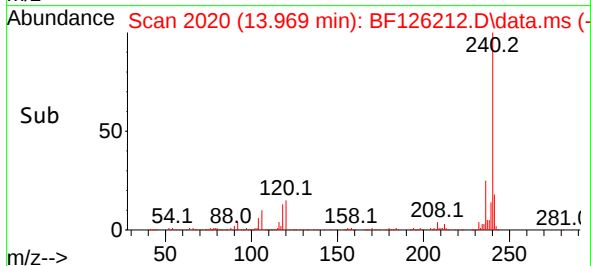
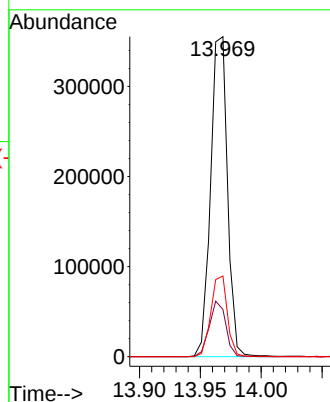
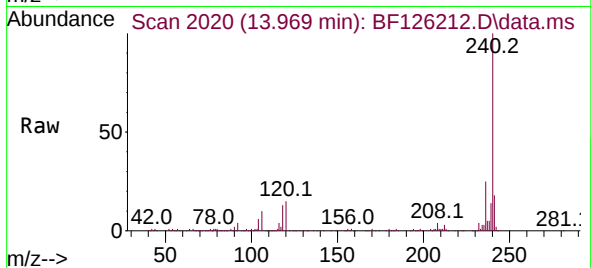
Tgt Ion:240 Resp: 344158

Ion Ratio Lower Upper

240 100

120 14.7 10.8 16.2

236 25.2 21.6 32.4



#77

Benzidine

Concen: 3.197 ng

RT: 12.922 min Scan# 1842

Delta R.T. 0.259 min

Lab File: BF126212.D

Acq: 16 Dec 2021 15:20

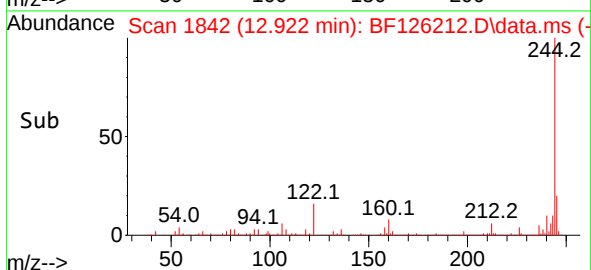
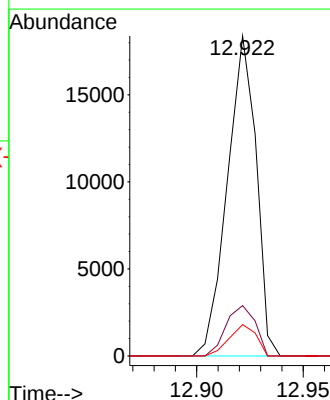
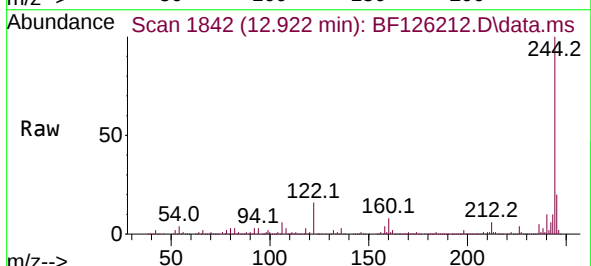
Tgt Ion:184 Resp: 17344

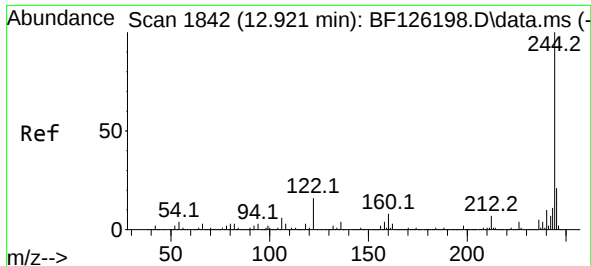
Ion Ratio Lower Upper

184 100

185 15.8 10.8 16.2

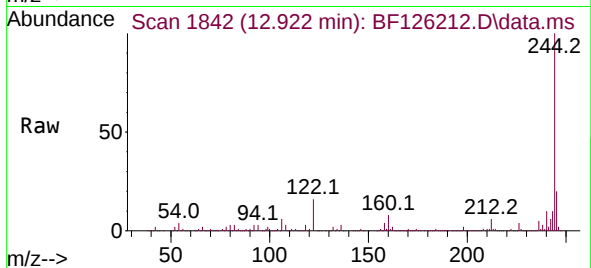
183 9.8 8.1 12.1



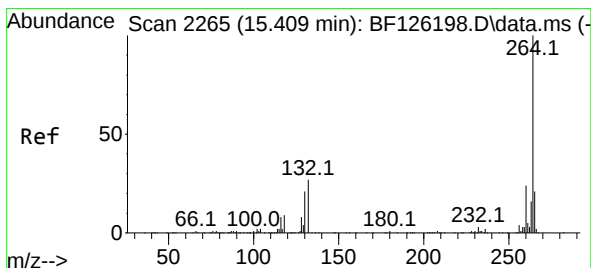
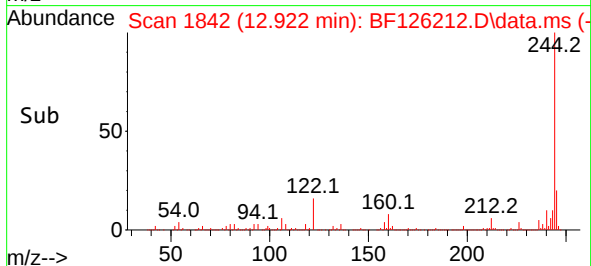
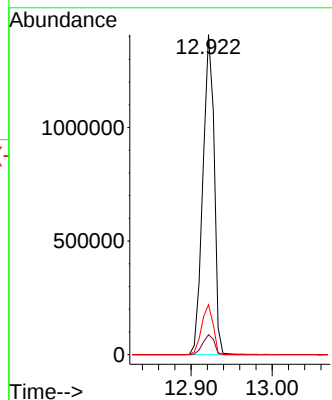


#79
 Terphenyl-d14
 Concen: 69.013 ng
 RT: 12.922 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF126212.D
 Acq: 16 Dec 2021 15:20

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1366497
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.9 8.9
 122 15.6 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.410 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF126212.D
 Acq: 16 Dec 2021 15:20

Tgt Ion:264 Resp: 349828
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 21.4 17.2 25.8

