

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
 Data File : BF126210.D
 Acq On : 16 Dec 2021 14:14
 Operator : JU/CG
 Sample : M5022-29
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 16 15:13:39 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)

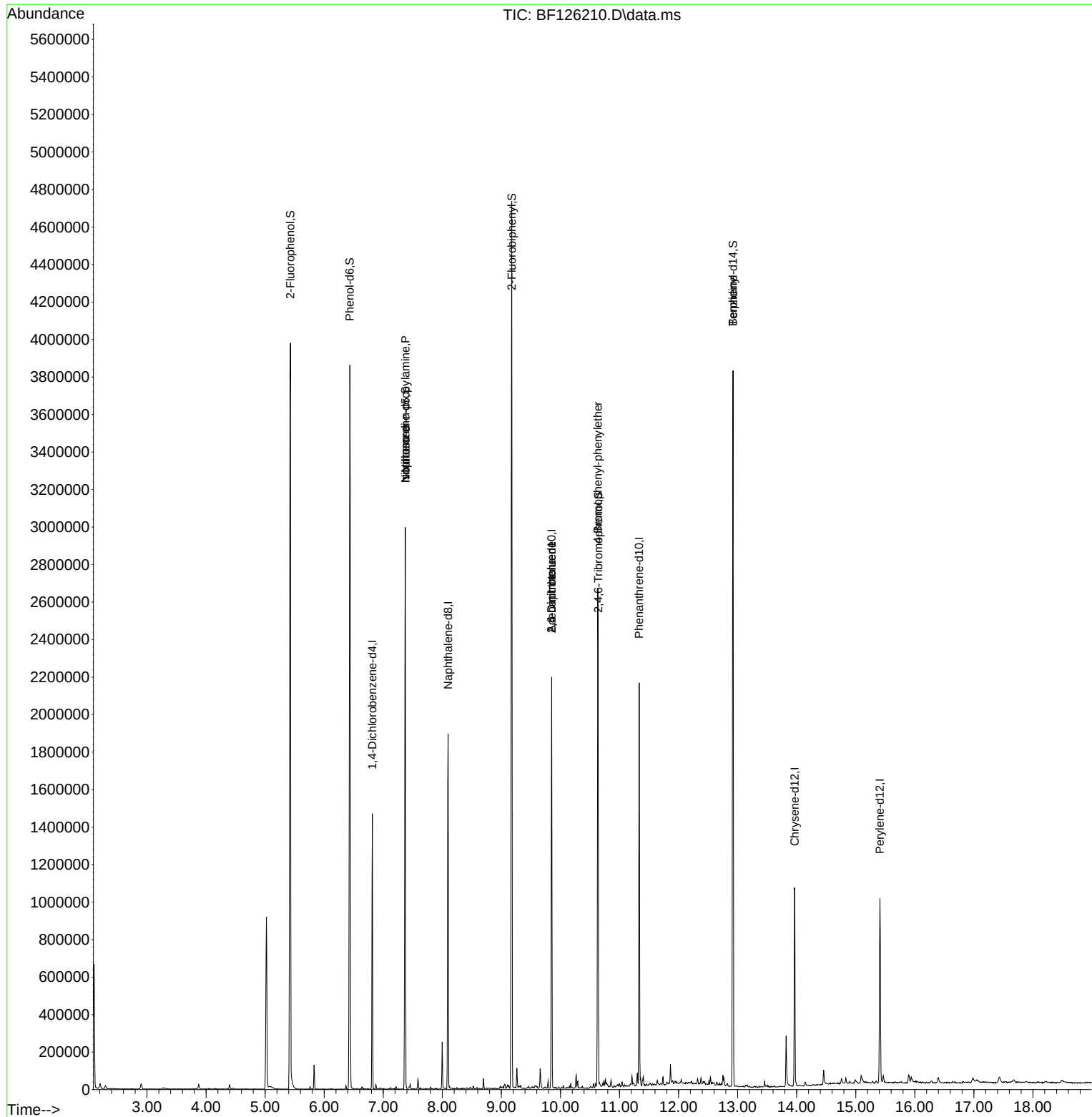
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	193717	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	837561	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	408390	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	672408	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	345392	20.000	ng	0.00
86) Perylene-d12	15.409	264	382558	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1262411	95.969	ng	0.00
7) Phenol-d6	6.434	99	1564766	93.684	ng	-0.01
23) Nitrobenzene-d5	7.375	82	993161	64.221	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	312661	95.265	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1388264	59.621	ng	0.00
79) Terphenyl-d14	12.921	244	1191175	59.944	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.375	70	127573	12.442	ng	# 57
25) Isophorone	7.375	82	945421	32.373	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	52430	9.364	ng	# 28
57) 2,4-Dinitrotoluene	9.851	165	52430	7.340	ng	# 20
67) 4-Bromophenyl-phenylether	10.633	248	16385	2.596	ng	# 1
77) Benzydine	12.921	184	15598	2.865	ng	# 91

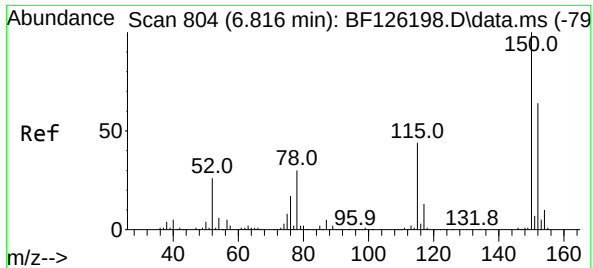
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

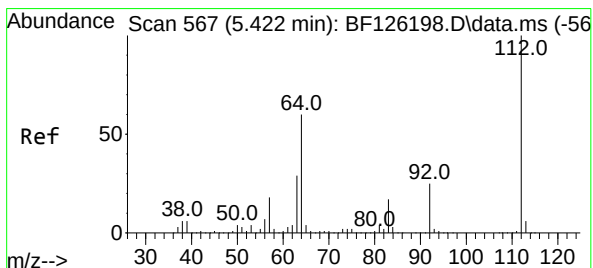
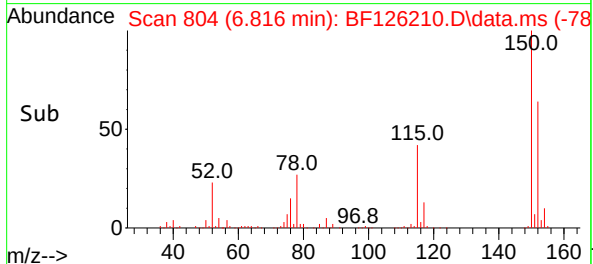
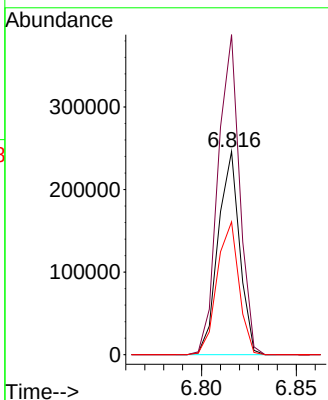
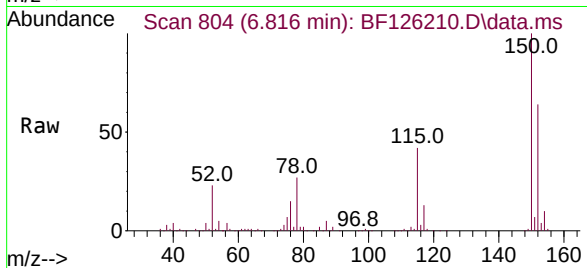




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126210.D
Acq: 16 Dec 2021 14:14

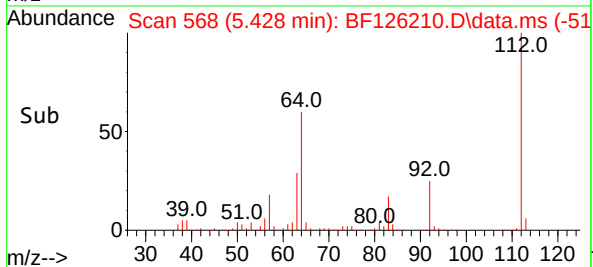
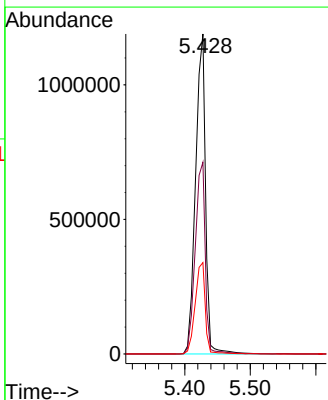
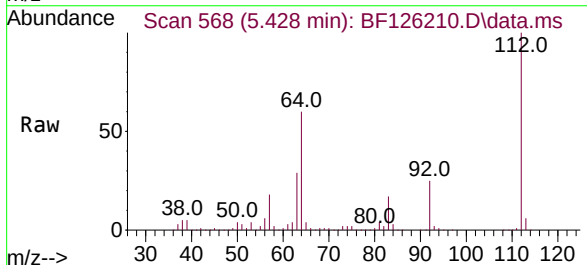
Instrument :
BNA_F
ClientSampleId :

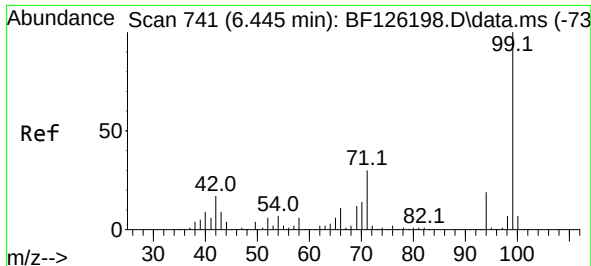
Tgt Ion:152 Resp: 193717
Ion Ratio Lower Upper
152 100
150 157.4 117.6 176.4
115 65.3 47.1 70.7



#5
2-Fluorophenol
Concen: 95.969 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.006 min
Lab File: BF126210.D
Acq: 16 Dec 2021 14:14

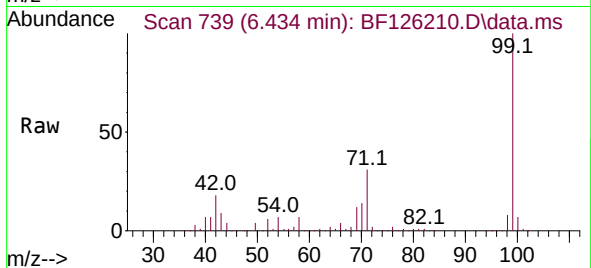
Tgt Ion:112 Resp: 1262411
Ion Ratio Lower Upper
112 100
64 59.9 44.2 66.2
63 28.6 26.2 39.2



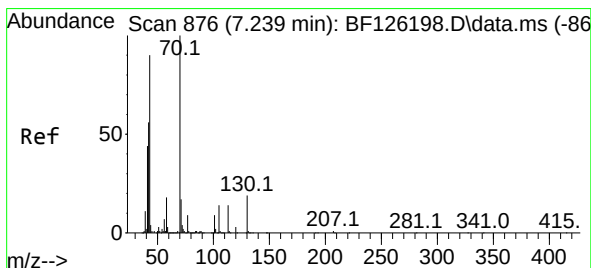
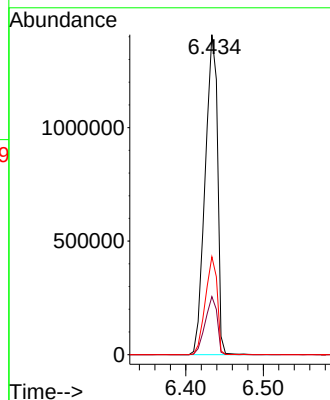
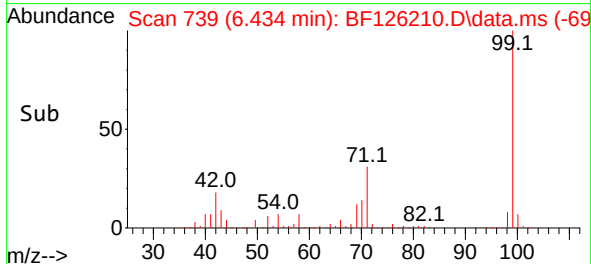


#7
Phenol-d6
Concen: 93.684 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126210.D
Acq: 16 Dec 2021 14:14

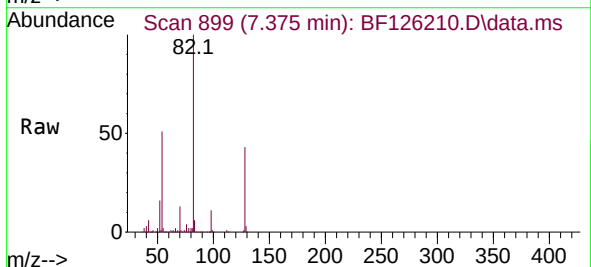
Instrument :
BNA_F
ClientSampleId :



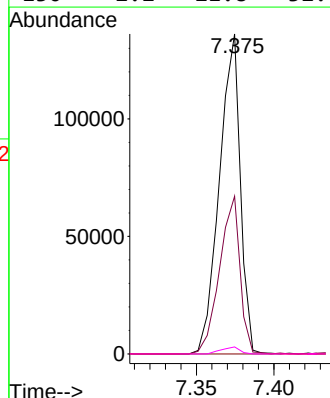
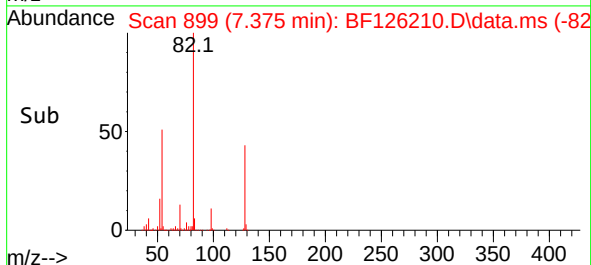
Tgt Ion: 99 Resp: 1564766
Ion Ratio Lower Upper
99 100
42 18.2 23.5 35.3#
71 30.6 25.6 38.4

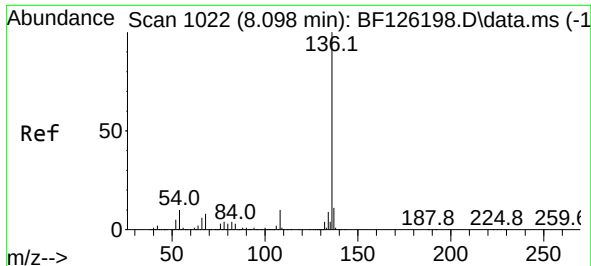


#19
n-Nitroso-di-n-propylamine
Concen: 12.442 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF126210.D
Acq: 16 Dec 2021 14:14



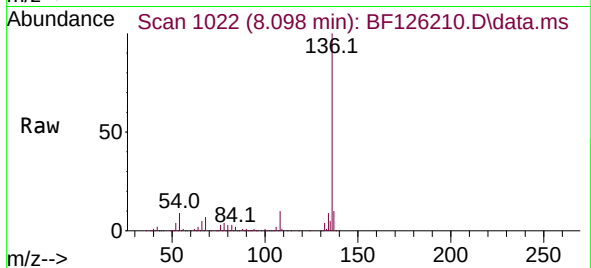
Tgt Ion: 70 Resp: 127573
Ion Ratio Lower Upper
70 100
42 49.3 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#



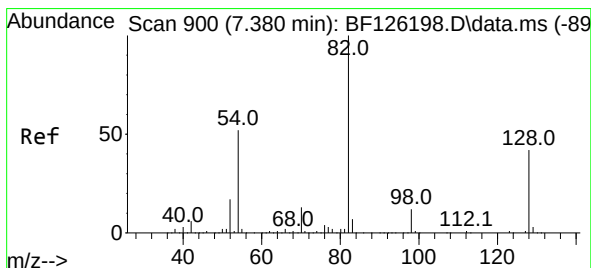
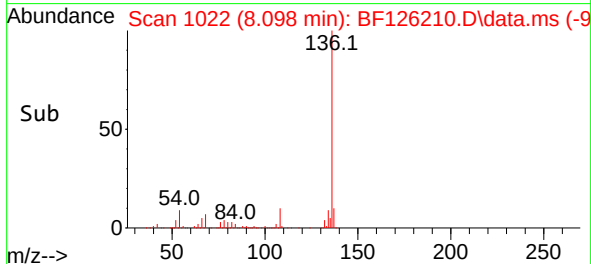
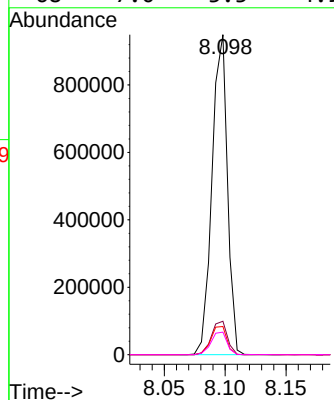


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126210.D
Acq: 16 Dec 2021 14:14

Instrument :
BNA_F
ClientSampleId :

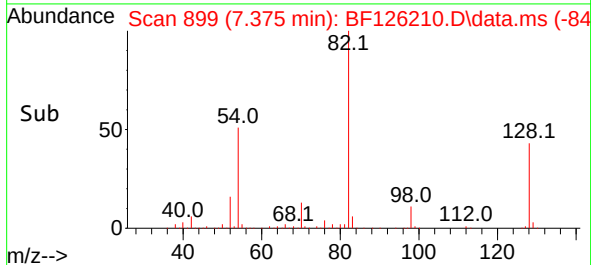
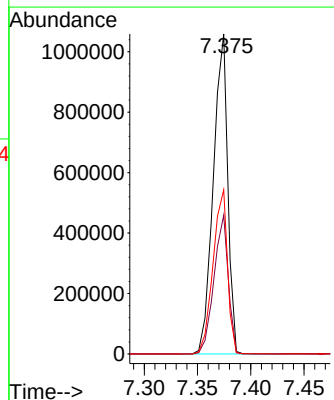
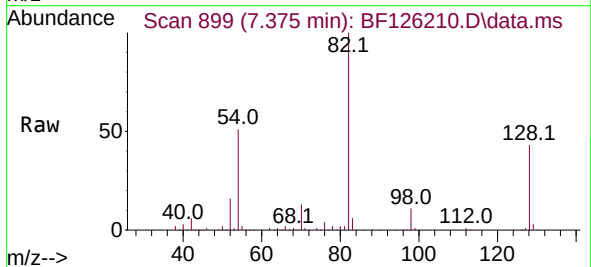


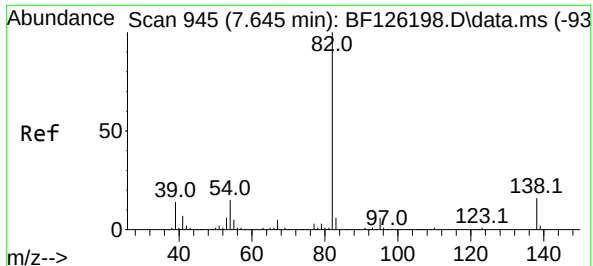
Tgt Ion:136 Resp: 837561
Ion Ratio Lower Upper
136 100
137 10.4 9.8 14.6
54 8.8 6.4 9.6
68 7.0 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 64.221 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF126210.D
Acq: 16 Dec 2021 14:14

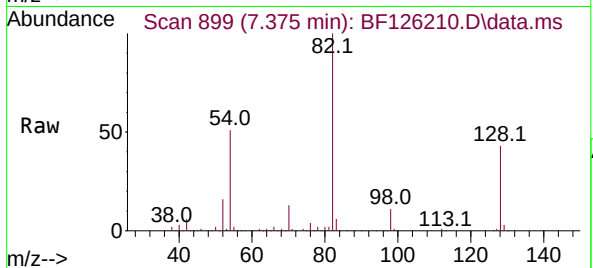
Tgt Ion: 82 Resp: 993161
Ion Ratio Lower Upper
82 100
128 43.4 40.6 60.8
54 51.3 49.6 74.4



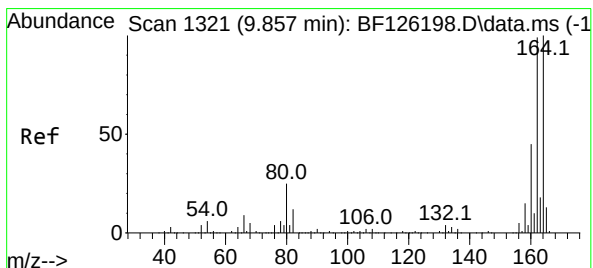
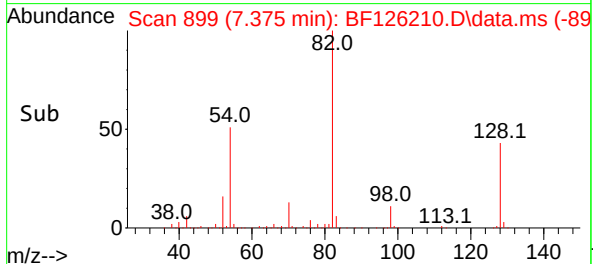
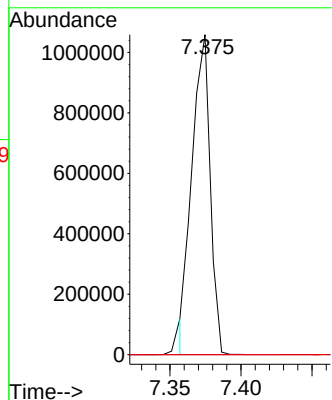


#25
Isophorone
Concen: 32.373 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.271 min
Lab File: BF126210.D
Acq: 16 Dec 2021 14:14

Instrument :
BNA_F
ClientSampleId :

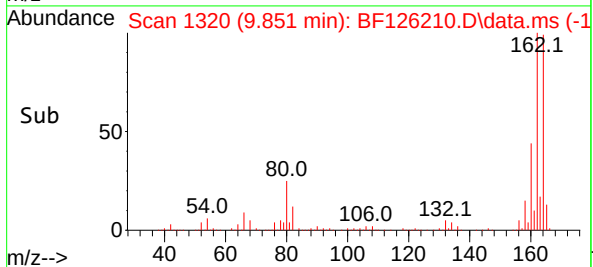
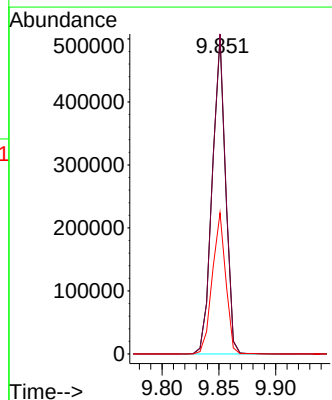
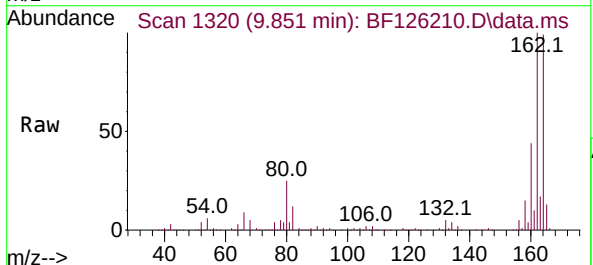


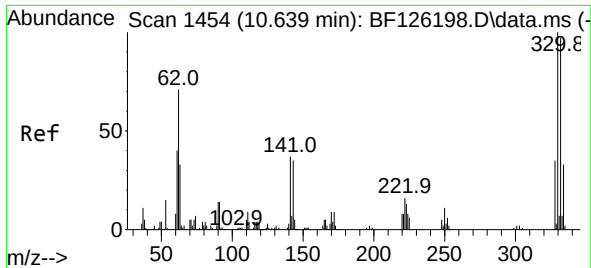
Tgt Ion: 82 Resp: 945421
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF126210.D
Acq: 16 Dec 2021 14:14

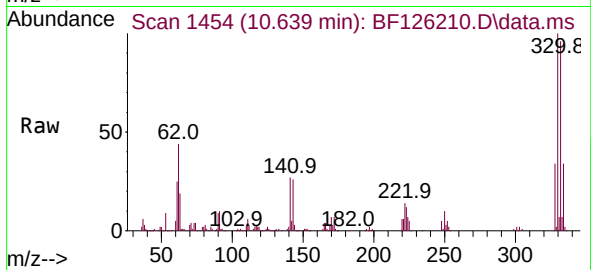
Tgt Ion: 164 Resp: 408390
Ion Ratio Lower Upper
164 100
162 101.4 81.3 121.9
160 44.7 38.0 57.0



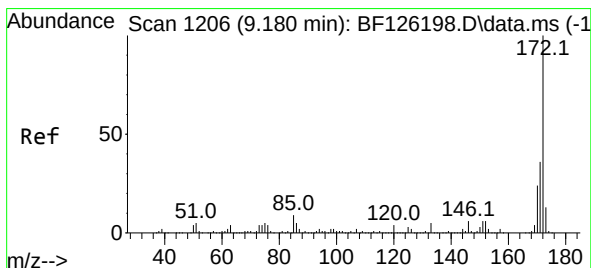
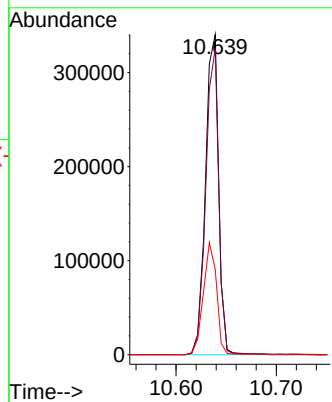
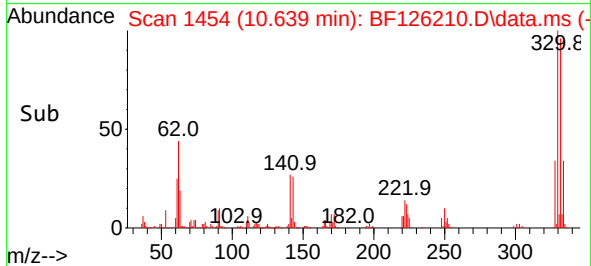


#42
2,4,6-Tribromophenol
Concen: 95.265 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126210.D
Acq: 16 Dec 2021 14:14

Instrument :
BNA_F
ClientSampleId :

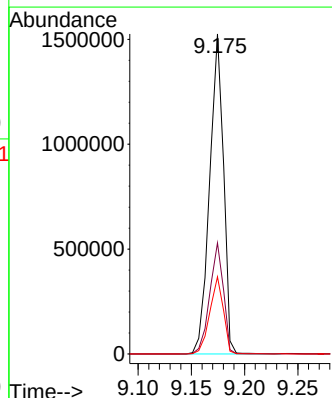
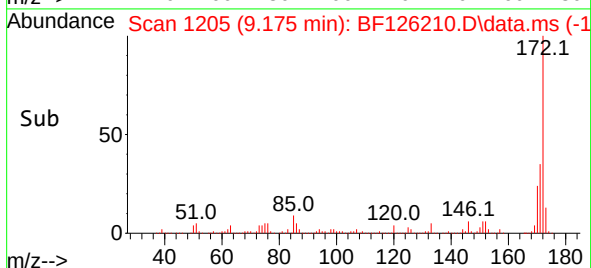
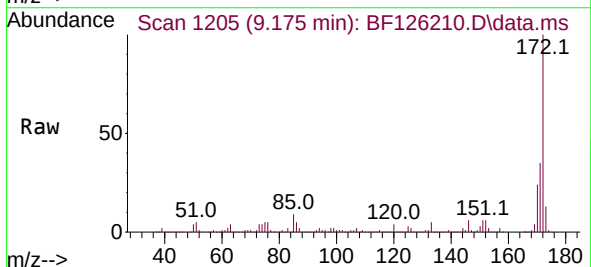


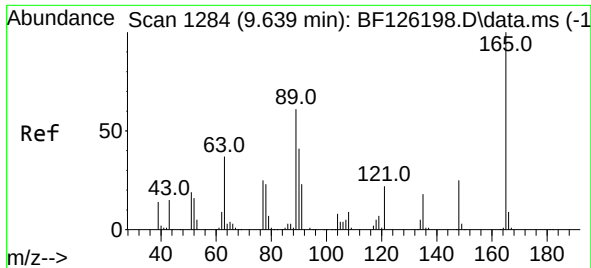
Tgt Ion: 330 Resp: 312661
Ion Ratio Lower Upper
330 100
332 93.7 76.2 114.4
141 35.2 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 59.621 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF126210.D
Acq: 16 Dec 2021 14:14

Tgt Ion: 172 Resp: 1388264
Ion Ratio Lower Upper
172 100
171 34.7 26.5 39.7
170 24.1 18.8 28.2

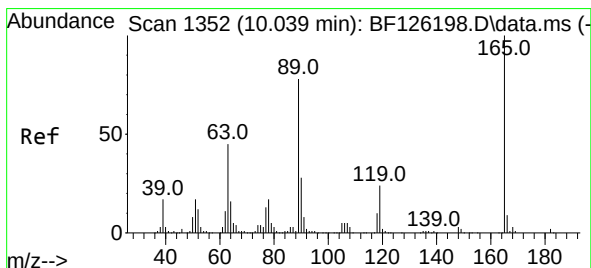
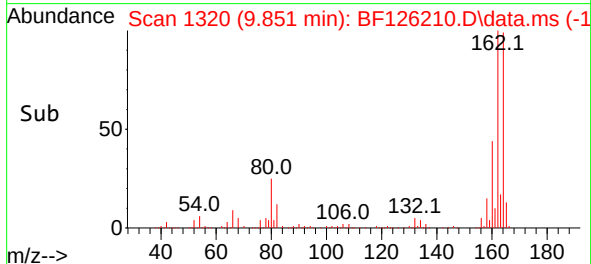
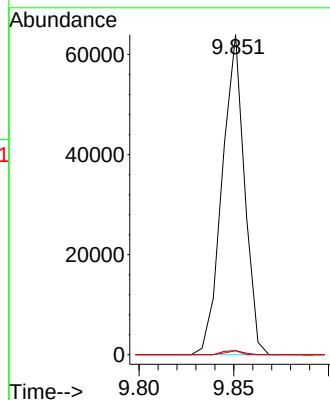
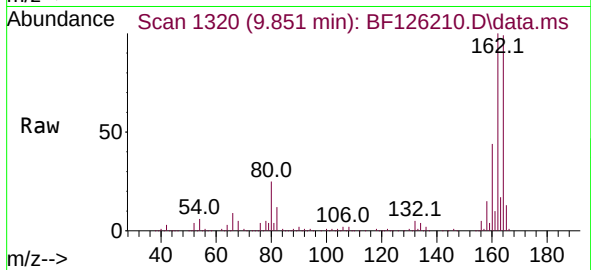




#51
2,6-Dinitrotoluene
Concen: 9.364 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF126210.D
Acq: 16 Dec 2021 14:14

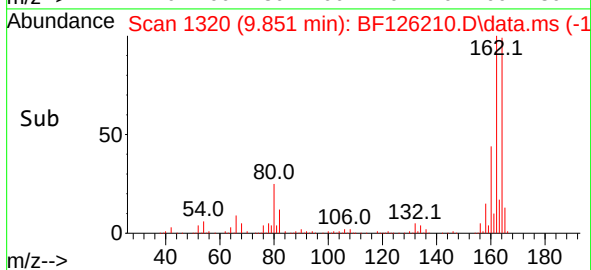
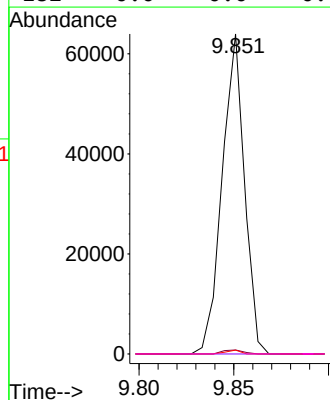
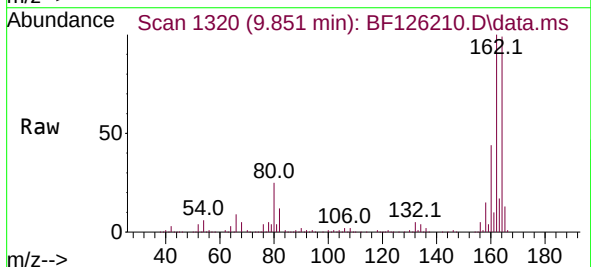
Instrument :
BNA_F
ClientSampleId :

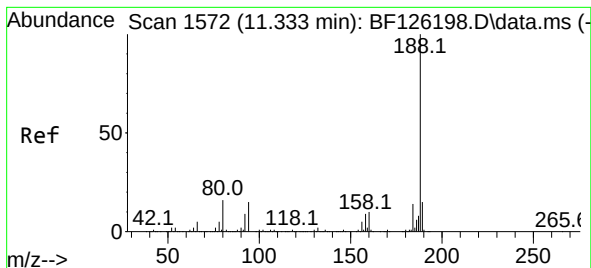
Tgt Ion:165 Resp: 52430
Ion Ratio Lower Upper
165 100
63 1.2 42.6 63.8#
89 1.2 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 7.340 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.188 min
Lab File: BF126210.D
Acq: 16 Dec 2021 14:14

Tgt Ion:165 Resp: 52430
Ion Ratio Lower Upper
165 100
63 1.2 40.9 61.3#
89 1.2 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: BF126210.D

Acq: 16 Dec 2021 14:14

Instrument :

BNA_F

ClientSampleId :

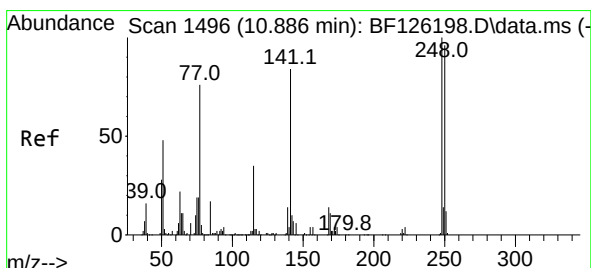
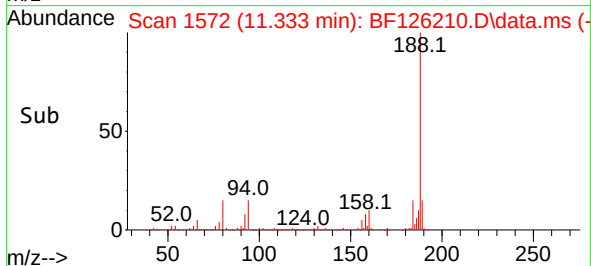
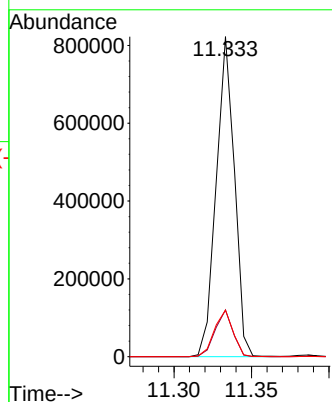
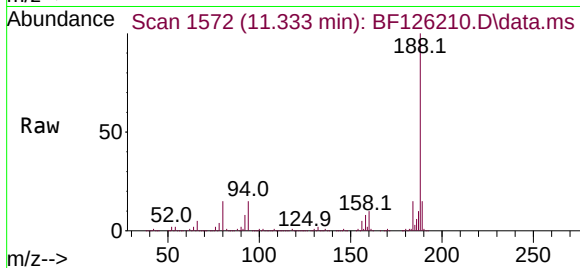
Tgt Ion:188 Resp: 672408

Ion Ratio Lower Upper

188 100

94 14.6 6.7 10.1#

80 14.6 7.5 11.3#



#67

4-Bromophenyl-phenylether

Concen: 2.596 ng

RT: 10.633 min Scan# 1453

Delta R.T. -0.253 min

Lab File: BF126210.D

Acq: 16 Dec 2021 14:14

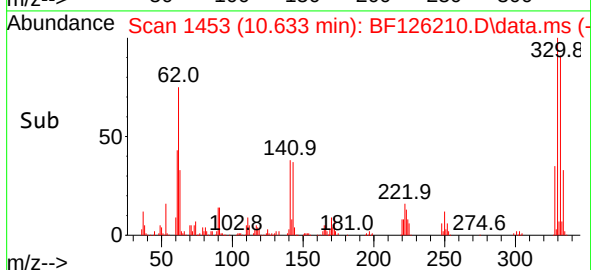
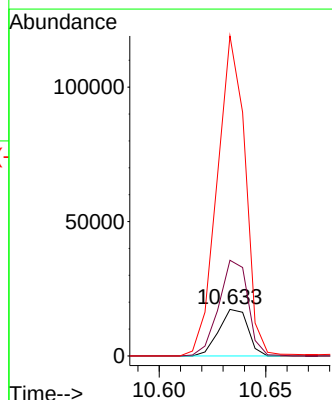
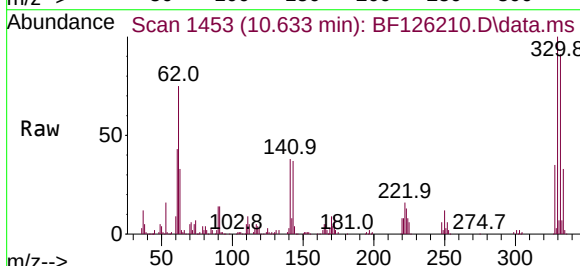
Tgt Ion:248 Resp: 16385

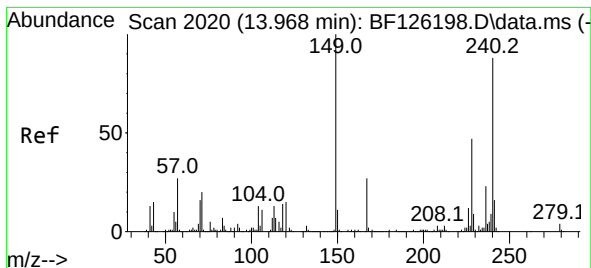
Ion Ratio Lower Upper

248 100

250 205.3 74.2 111.4#

141 686.9 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF126210.D

Acq: 16 Dec 2021 14:14

Instrument :

BNA_F

ClientSampleId :

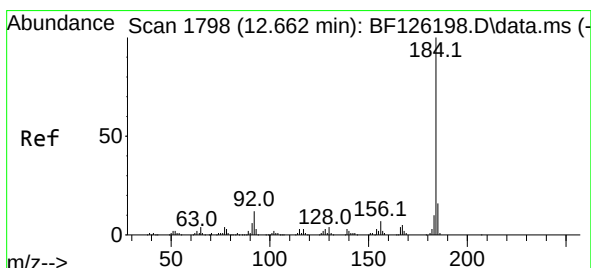
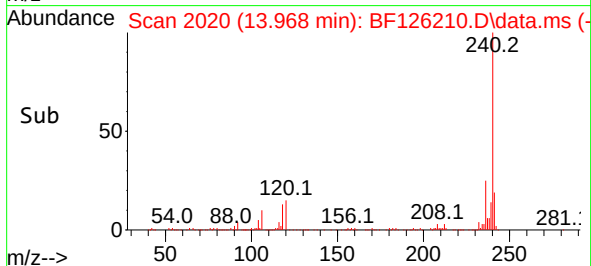
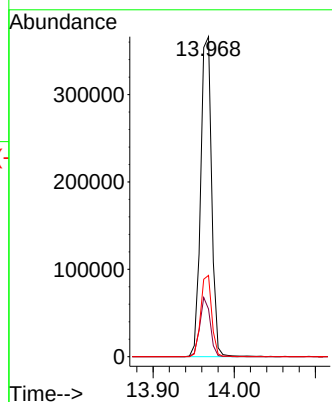
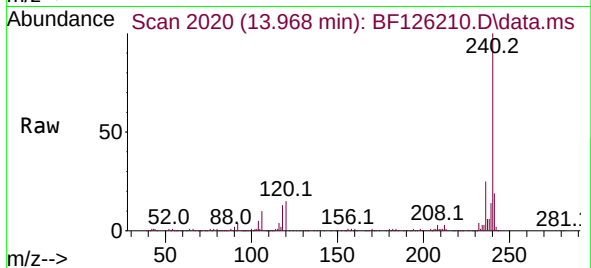
Tgt Ion:240 Resp: 345392

Ion Ratio Lower Upper

240 100

120 14.9 10.8 16.2

236 25.4 21.6 32.4



#77

Benzidine

Concen: 2.865 ng

RT: 12.921 min Scan# 1842

Delta R.T. 0.259 min

Lab File: BF126210.D

Acq: 16 Dec 2021 14:14

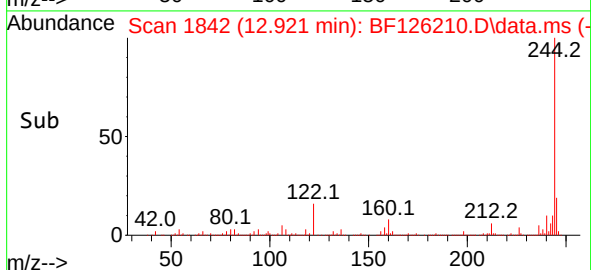
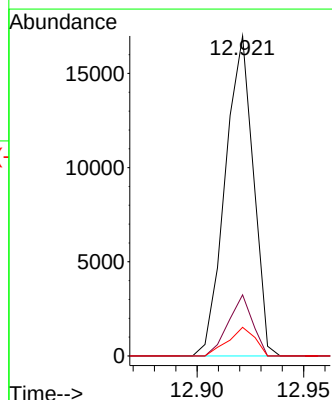
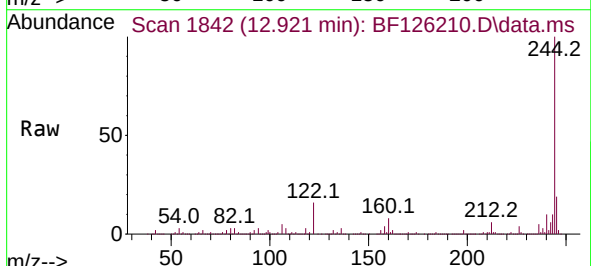
Tgt Ion:184 Resp: 15598

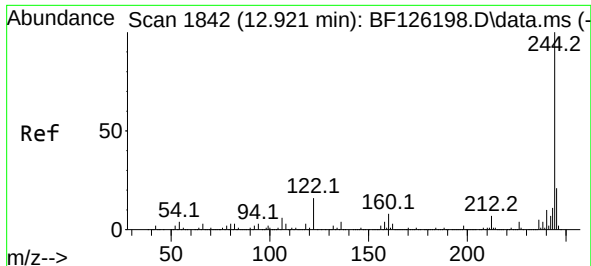
Ion Ratio Lower Upper

184 100

185 19.1 10.8 16.2#

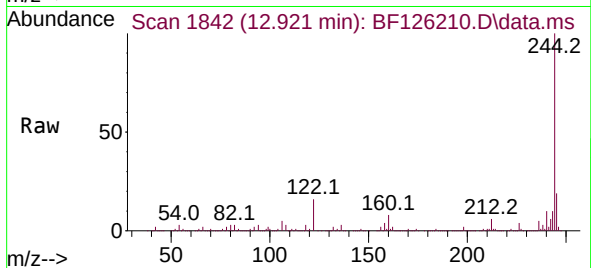
183 9.0 8.1 12.1



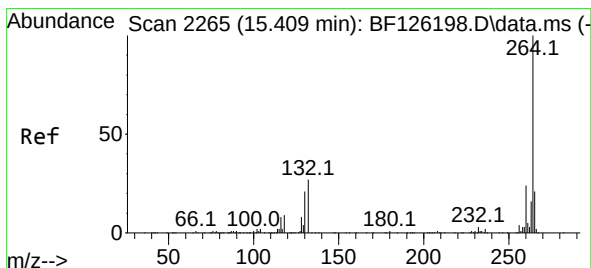
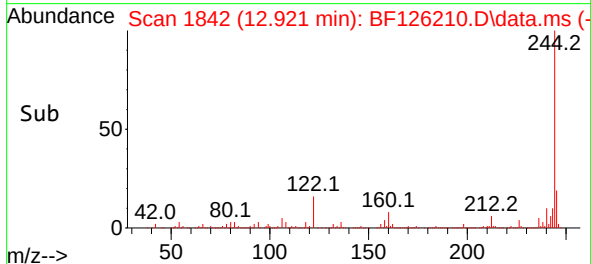
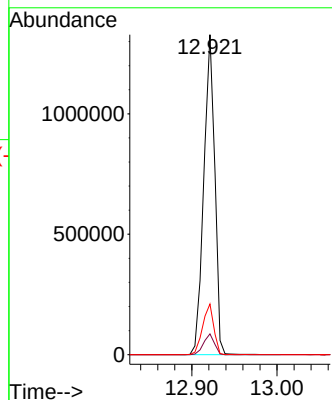


#79
 Terphenyl-d14
 Concen: 59.944 ng
 RT: 12.921 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: BF126210.D
 Acq: 16 Dec 2021 14:14

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:244 Resp: 1191175
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.9 8.9
 122 15.8 9.0 13.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.409 min Scan# 2265
 Delta R.T. 0.000 min
 Lab File: BF126210.D
 Acq: 16 Dec 2021 14:14

Tgt Ion:264 Resp: 382558
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.6 29.4
 265 21.4 17.2 25.8

