

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
 Data File : BF126211.D
 Acq On : 16 Dec 2021 14:47
 Operator : JU/CG
 Sample : M4927-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 16 15:13:54 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)

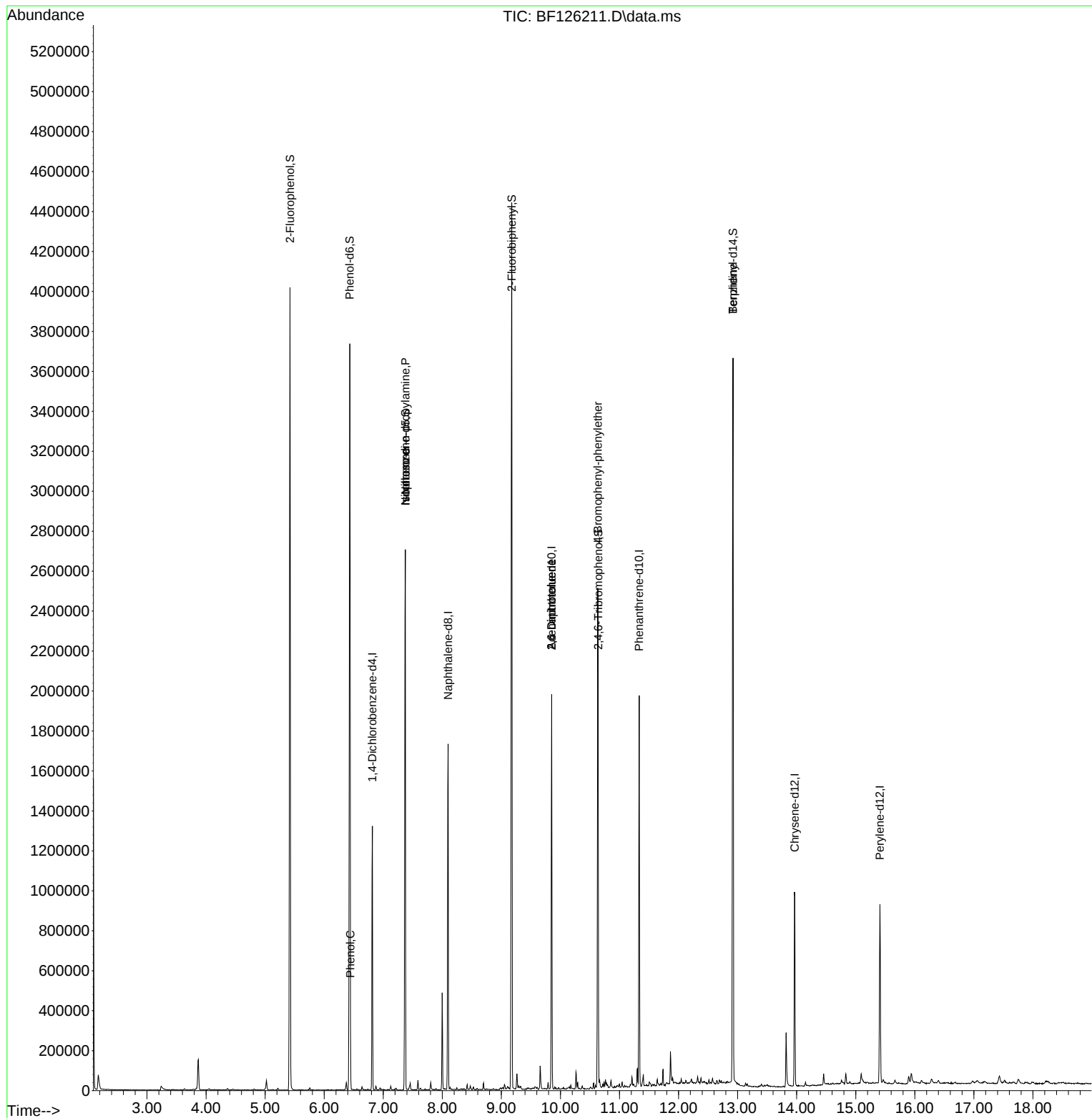
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	182152	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	769024	20.000	ng	# 0.00
39) Acenaphthene-d10	9.851	164	363377	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	604965	20.000	ng	# 0.00
76) Chrysene-d12	13.968	240	323244	20.000	ng	0.00
86) Perylene-d12	15.409	264	340775	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	1144615	92.539	ng	0.00
7) Phenol-d6	6.434	99	1442739	91.862	ng	-0.01
23) Nitrobenzene-d5	7.375	82	912178	64.241	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	281611	96.433	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1293872	62.450	ng	0.00
79) Terphenyl-d14	12.921	244	1184821	63.709	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.445	94	49161	2.789	ng	85
19) n-Nitroso-di-n-propyla...	7.375	70	114489	11.875	ng	# 53
25) Isophorone	7.375	82	865682	32.285	ng	# 59
51) 2,6-Dinitrotoluene	9.851	165	46634	9.360	ng	# 27
57) 2,4-Dinitrotoluene	9.851	165	46634	7.338	ng	# 19
67) 4-Bromophenyl-phenylether	10.633	248	16022	2.822	ng	# 1
77) Benzidine	12.921	184	15365	3.015	ng	98

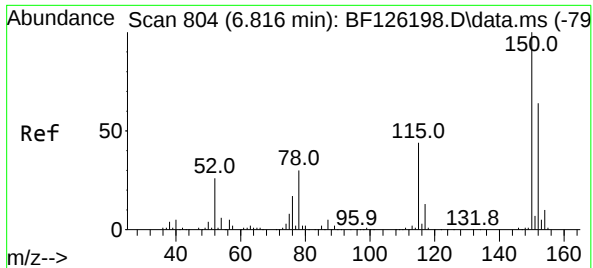
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121621\
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Instrument :
BNA_F
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Quant Time: Dec 16 15:13:54 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

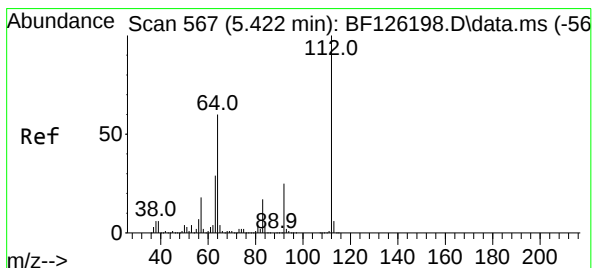
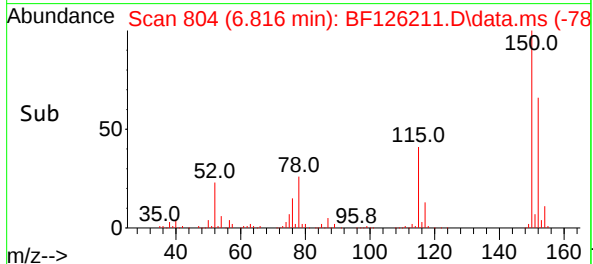
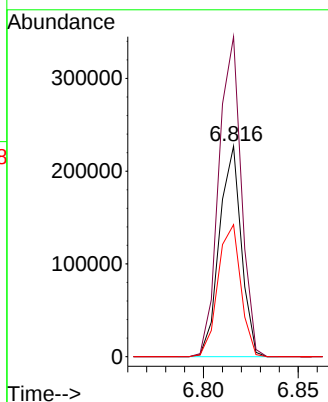
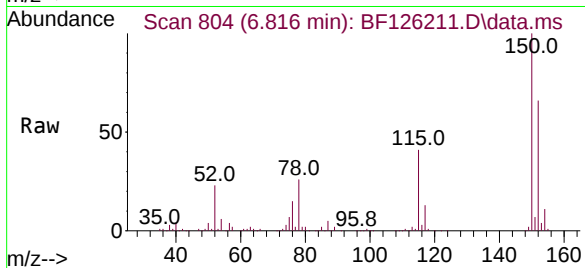




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF126211.D
Acq: 16 Dec 2021 14:47

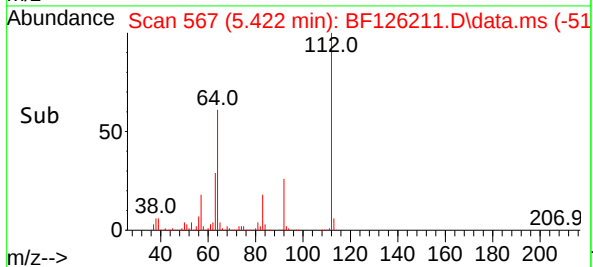
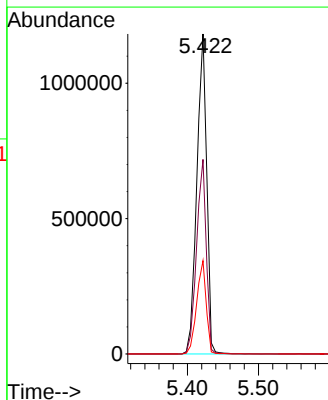
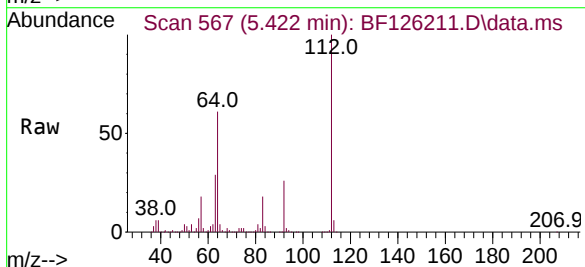
Instrument :
BNA_F
ClientSampleId :

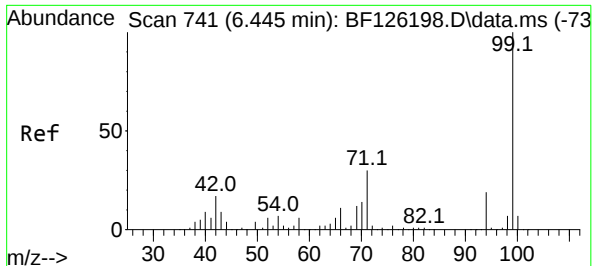
Tgt Ion:152 Resp: 182152
Ion Ratio Lower Upper
152 100
150 152.0 117.6 176.4
115 62.7 47.1 70.7



#5
2-Fluorophenol
Concen: 92.539 ng
RT: 5.422 min Scan# 567
Delta R.T. 0.000 min
Lab File: BF126211.D
Acq: 16 Dec 2021 14:47

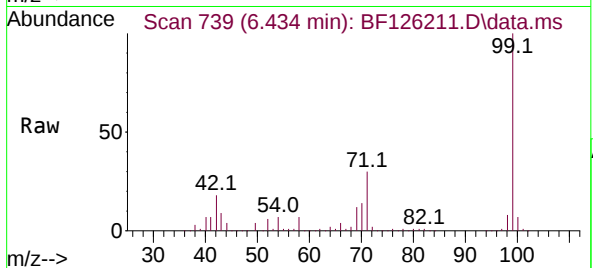
Tgt Ion:112 Resp: 1144615
Ion Ratio Lower Upper
112 100
64 60.8 44.2 66.2
63 29.2 26.2 39.2



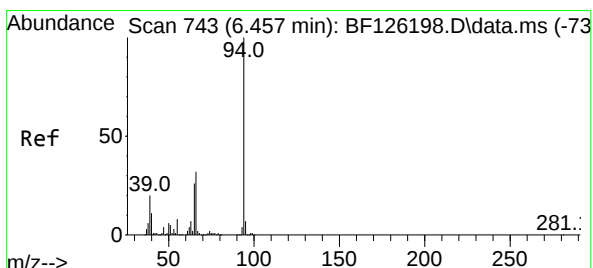
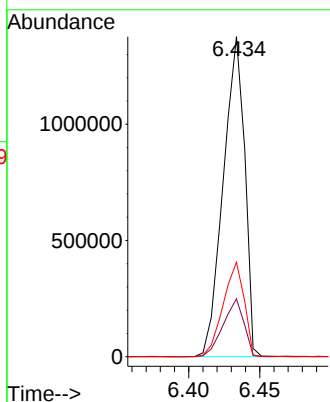
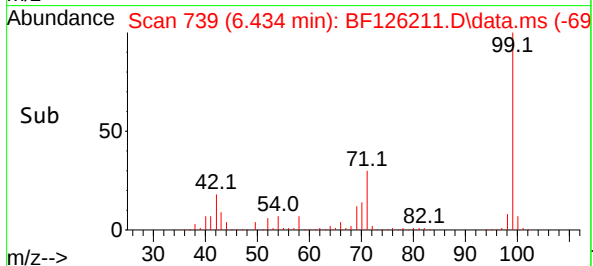


#7
Phenol-d6
Concen: 91.862 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126211.D
Acq: 16 Dec 2021 14:47

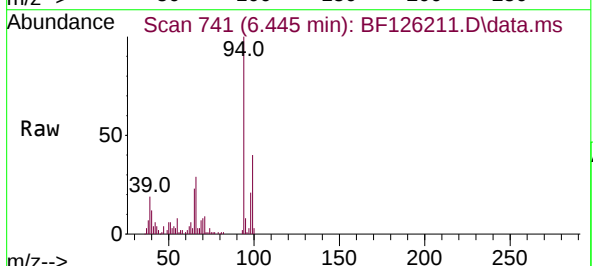
Instrument :
BNA_F
ClientSampleId :



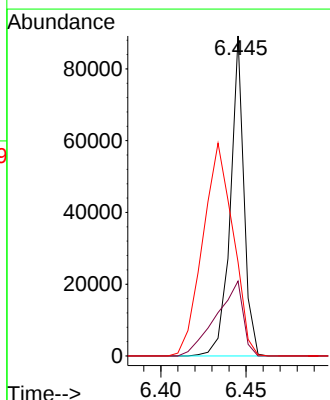
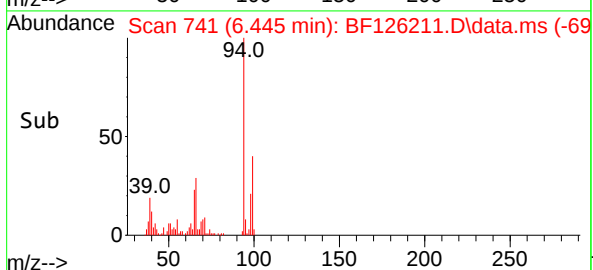
Tgt Ion: 99 Resp: 1442739
Ion Ratio Lower Upper
99 100
42 18.1 23.5 35.3#
71 29.6 25.6 38.4

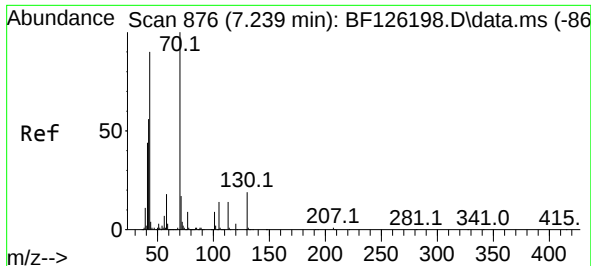


#10
Phenol
Concen: 2.789 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF126211.D
Acq: 16 Dec 2021 14:47



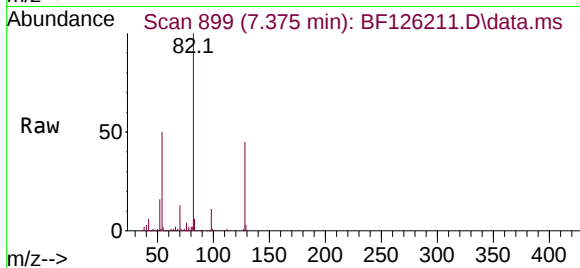
Tgt Ion: 94 Resp: 49161
Ion Ratio Lower Upper
94 100
65 23.4 9.3 49.3
66 29.4 20.3 60.3



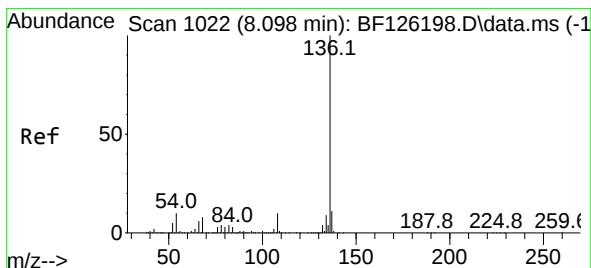
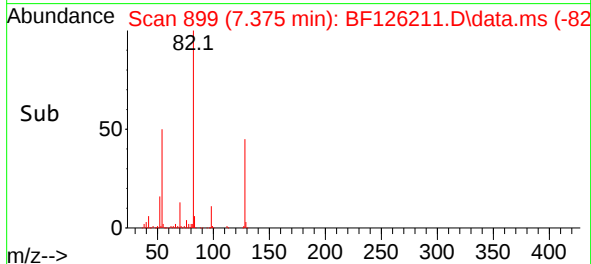
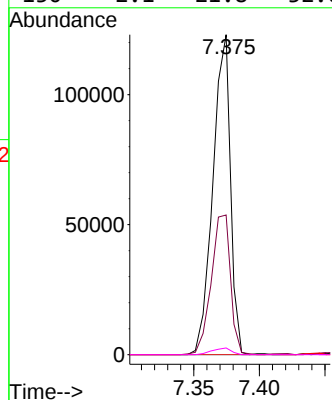


#19
n-Nitroso-di-n-propylamine
Concen: 11.875 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.135 min
Lab File: BF126211.D
Acq: 16 Dec 2021 14:47

Instrument :
BNA_F
ClientSampleId :

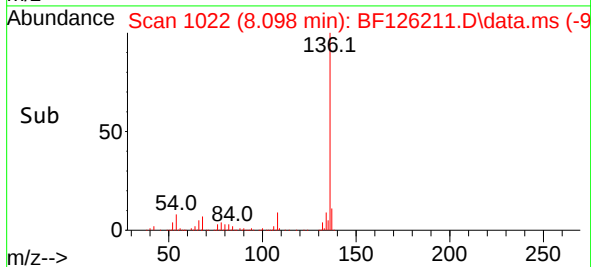
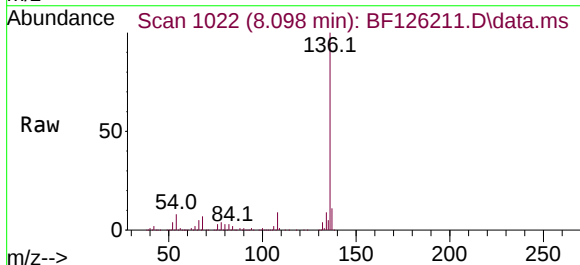
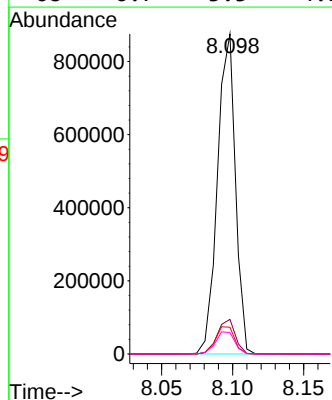


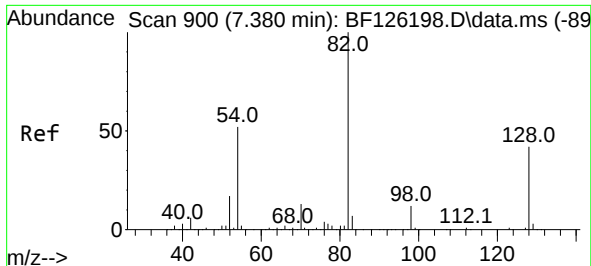
Tgt Ion: 70 Resp: 114489
Ion Ratio Lower Upper
70 100
42 43.6 72.2 108.2#
101 0.0 7.8 11.8#
130 2.1 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126211.D
Acq: 16 Dec 2021 14:47

Tgt Ion: 136 Resp: 769024
Ion Ratio Lower Upper
136 100
137 10.8 9.8 14.6
54 8.4 6.4 9.6
68 6.7 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 64.241 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF126211.D

Acq: 16 Dec 2021 14:47

Instrument :

BNA_F

ClientSampleId :

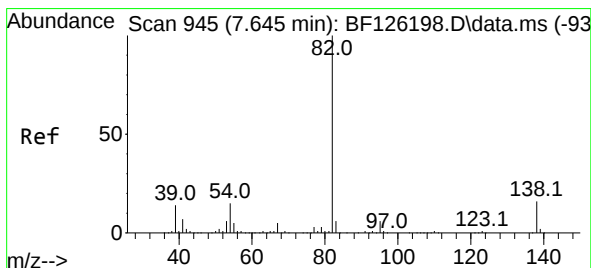
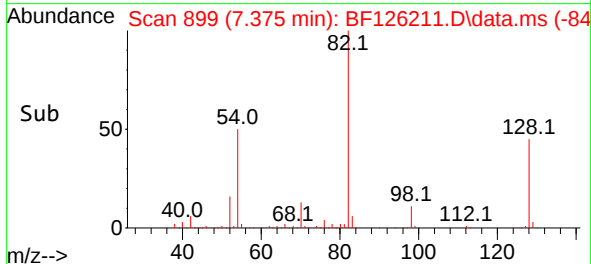
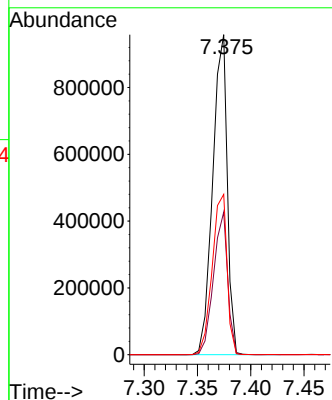
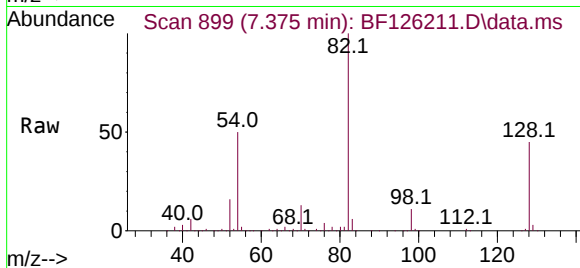
Tgt Ion: 82 Resp: 912178

Ion Ratio Lower Upper

82 100

128 44.5 40.6 60.8

54 50.1 49.6 74.4



#25

Isophorone

Concen: 32.285 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.271 min

Lab File: BF126211.D

Acq: 16 Dec 2021 14:47

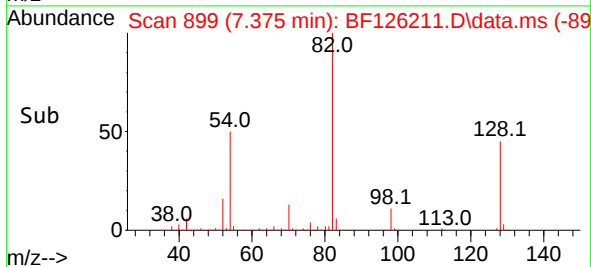
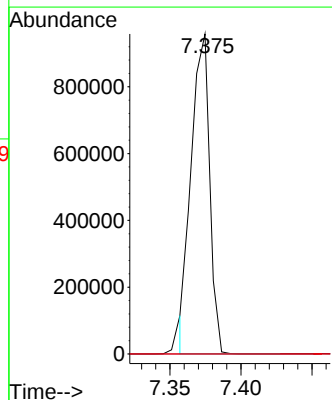
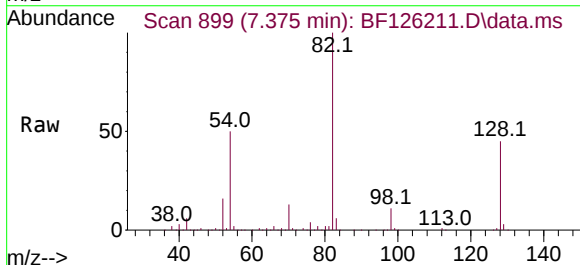
Tgt Ion: 82 Resp: 865682

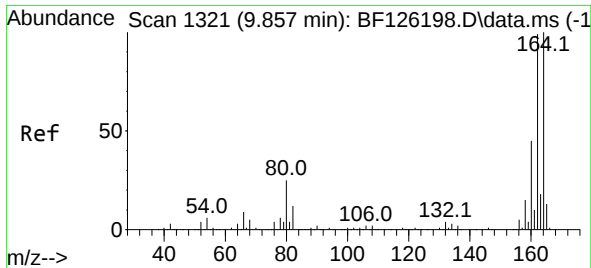
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

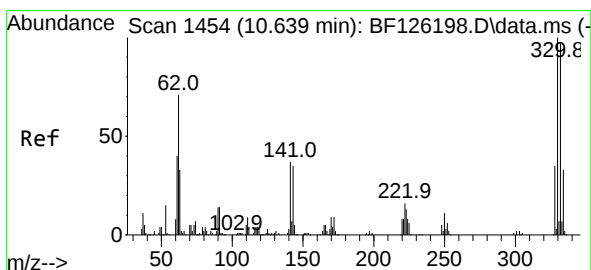
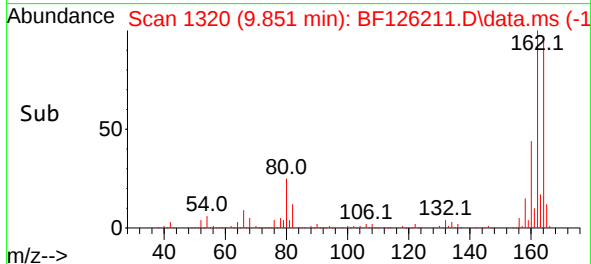
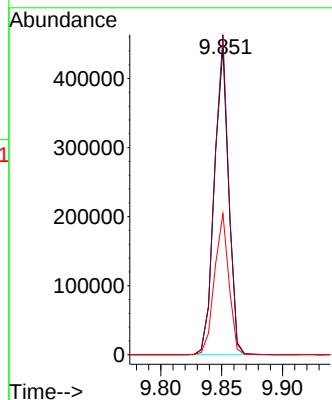
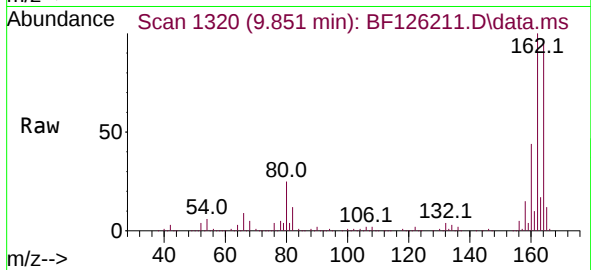




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126211.D
Acq: 16 Dec 2021 14:47

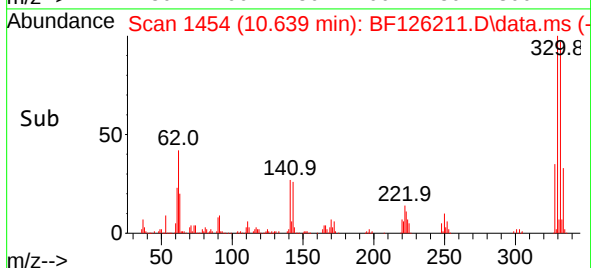
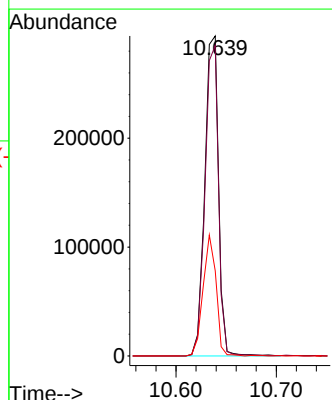
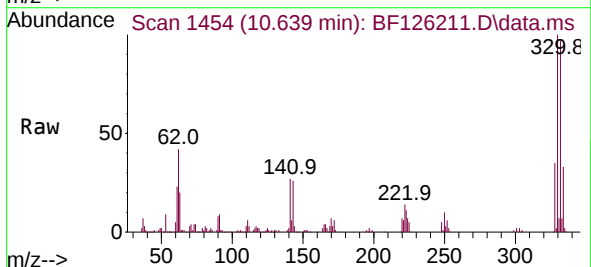
Instrument :
BNA_F
ClientSampleId :

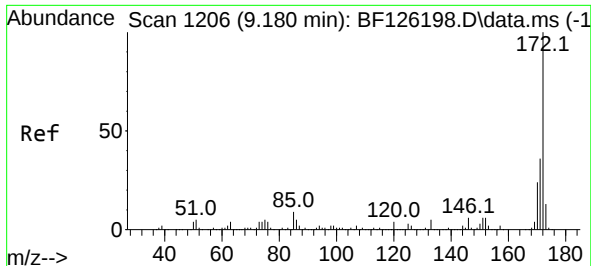
Tgt Ion:164 Resp: 363377
Ion Ratio Lower Upper
164 100
162 104.2 81.3 121.9
160 46.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 96.433 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF126211.D
Acq: 16 Dec 2021 14:47

Tgt Ion:330 Resp: 281611
Ion Ratio Lower Upper
330 100
332 95.2 76.2 114.4
141 35.7 44.6 66.8#





#45

2-Fluorobiphenyl

Concen: 62.450 ng

RT: 9.175 min Scan# 1

Delta R.T. -0.006 min

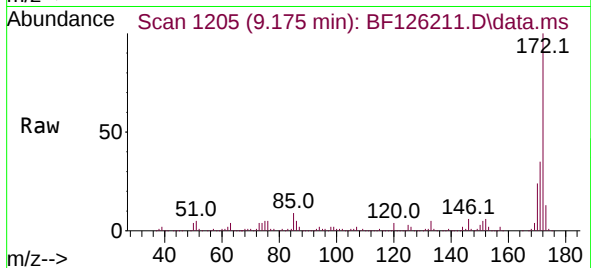
Lab File: BF126211.D

Acq: 16 Dec 2021 14:47

Instrument :

BNA_F

ClientSampleId :



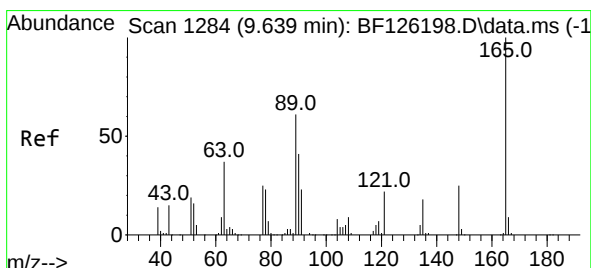
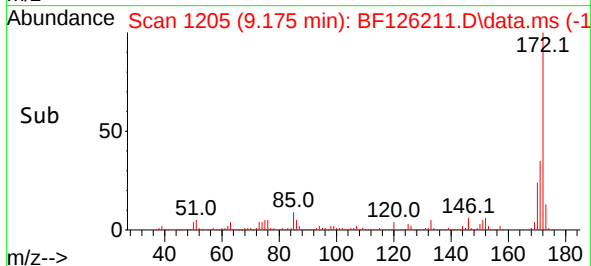
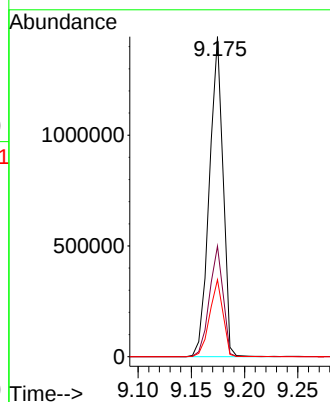
Tgt Ion:172 Resp: 1293872

Ion Ratio Lower Upper

172 100

171 34.5 26.5 39.7

170 24.0 18.8 28.2



#51

2,6-Dinitrotoluene

Concen: 9.360 ng

RT: 9.851 min Scan# 1320

Delta R.T. 0.212 min

Lab File: BF126211.D

Acq: 16 Dec 2021 14:47

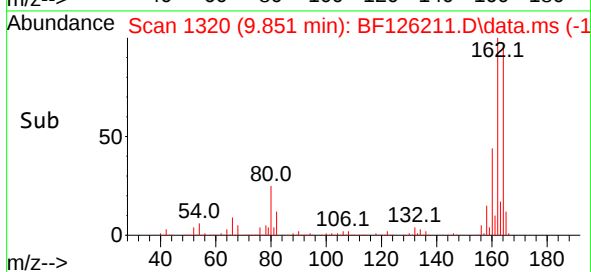
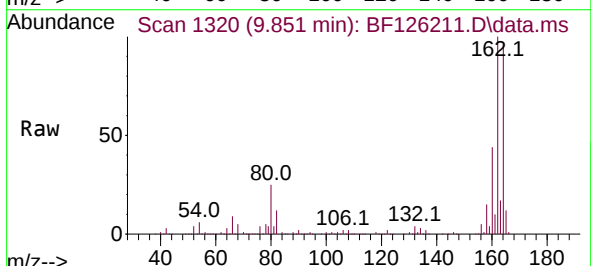
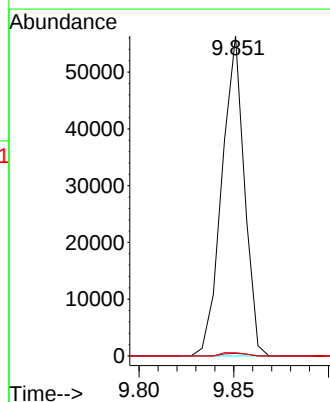
Tgt Ion:165 Resp: 46634

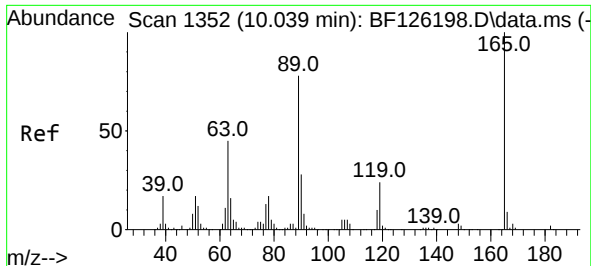
Ion Ratio Lower Upper

165 100

63 0.8 42.6 63.8#

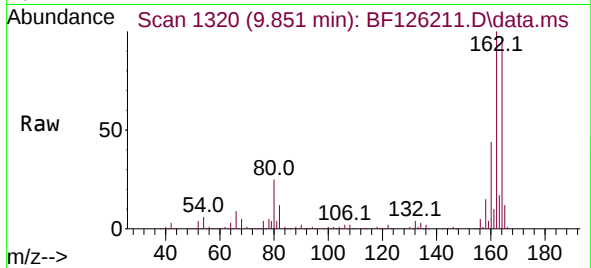
89 1.0 40.6 60.8#



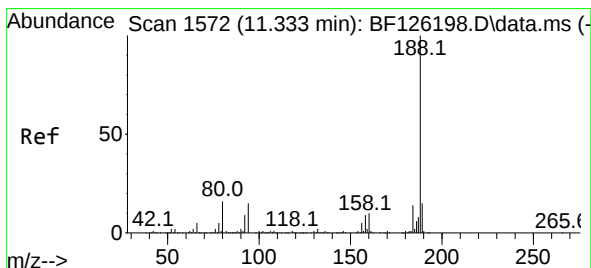
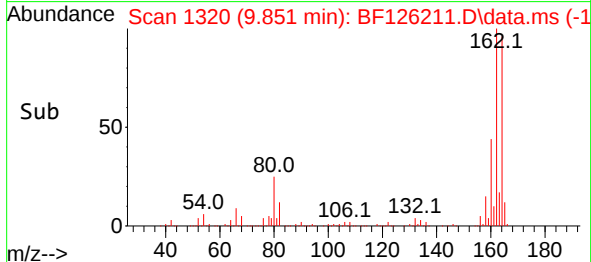
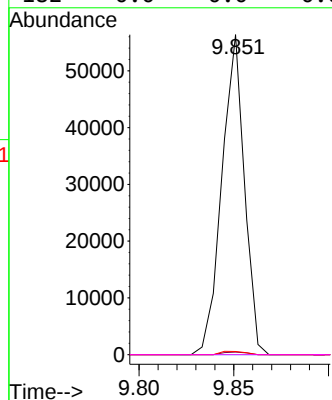


#57
2,4-Dinitrotoluene
Concen: 7.338 ng
RT: 9.851 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126211.D
Acq: 16 Dec 2021 14:47

Instrument :
BNA_F
ClientSampleId :

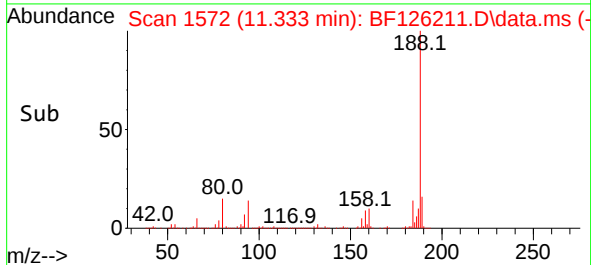
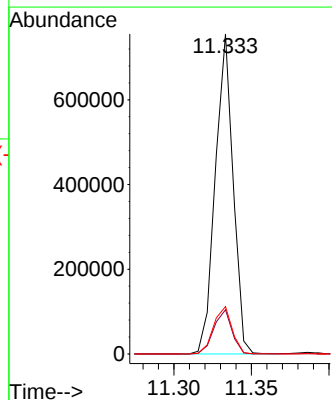
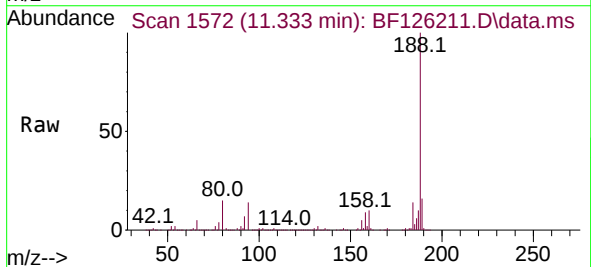


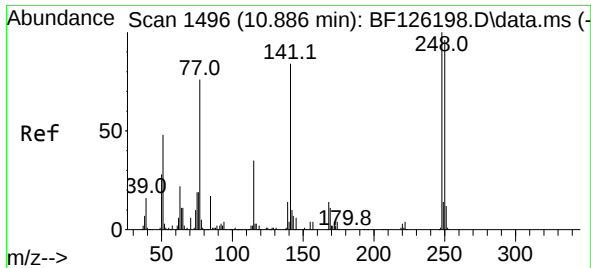
Tgt Ion:165 Resp: 46634
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF126211.D
Acq: 16 Dec 2021 14:47

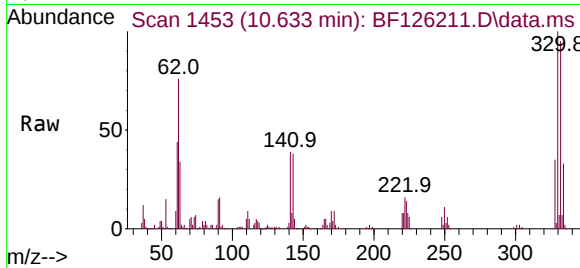
Tgt Ion:188 Resp: 604965
Ion Ratio Lower Upper
188 100
94 13.8 6.7 10.1#
80 14.8 7.5 11.3#



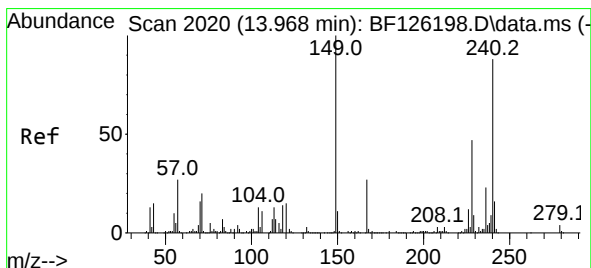
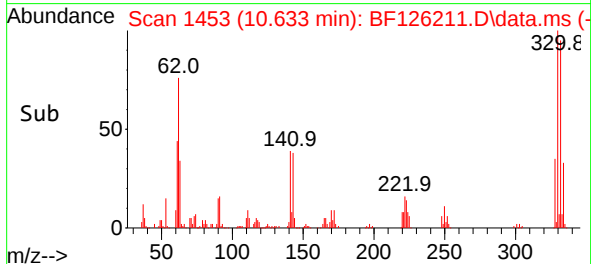
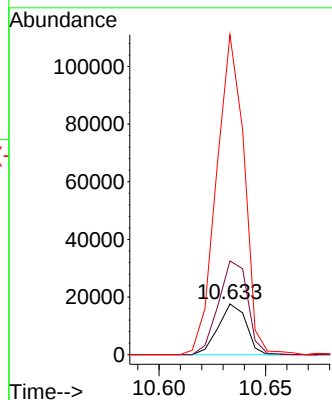


#67
4-Bromophenyl-phenylether
Concen: 2.822 ng
RT: 10.633 min Scan# 14
Delta R.T. -0.253 min
Lab File: BF126211.D
Acq: 16 Dec 2021 14:47

Instrument :
BNA_F
ClientSampleId :

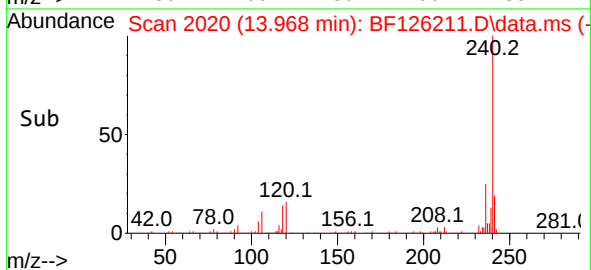
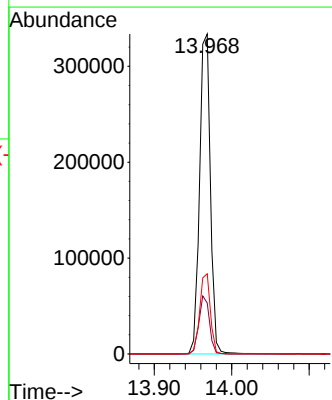
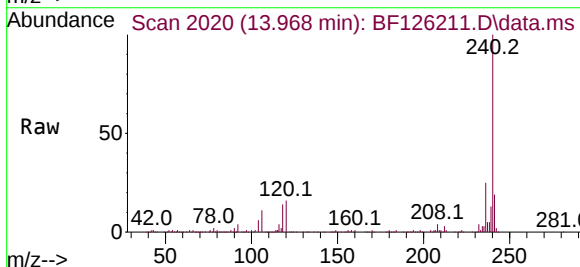


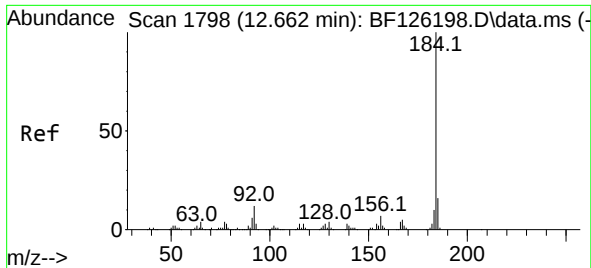
Tgt Ion:248 Resp: 16022
Ion Ratio Lower Upper
248 100
250 184.6 74.2 111.4#
141 630.1 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF126211.D
Acq: 16 Dec 2021 14:47

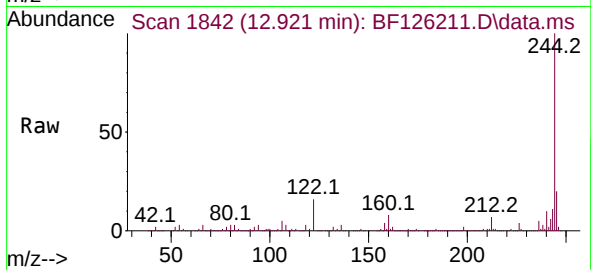
Tgt Ion:240 Resp: 323244
Ion Ratio Lower Upper
240 100
120 15.9 10.8 16.2
236 25.1 21.6 32.4



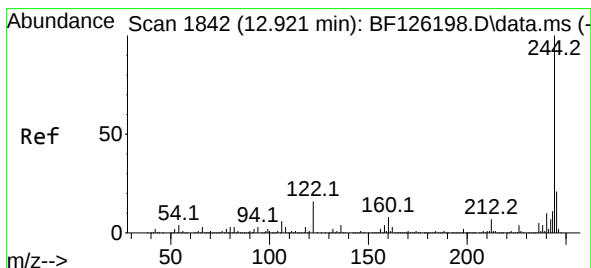
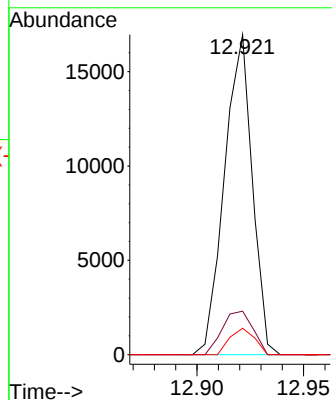
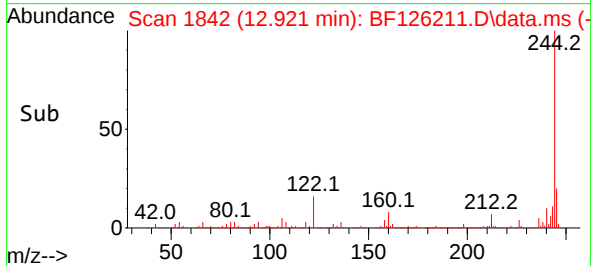


#77
Benzidine
Concen: 3.015 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.259 min
Lab File: BF126211.D
Acq: 16 Dec 2021 14:47

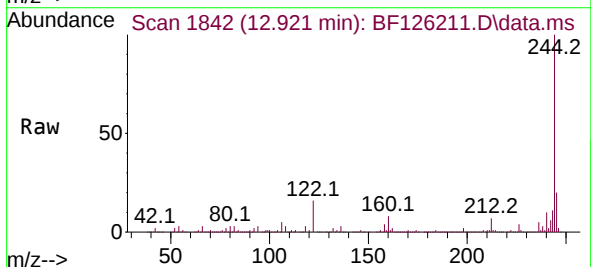
Instrument :
BNA_F
ClientSampleId :



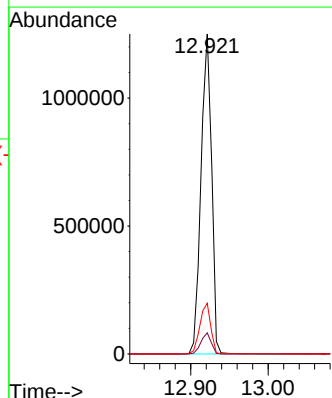
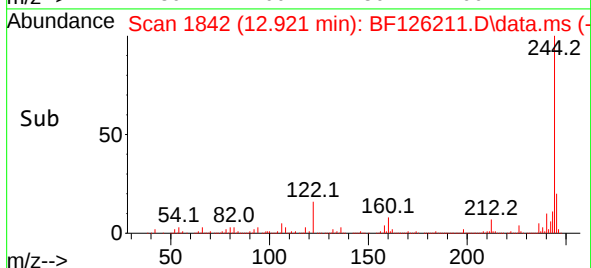
Tgt Ion:184 Resp: 15365
Ion Ratio Lower Upper
184 100
185 13.6 10.8 16.2
183 8.2 8.1 12.1

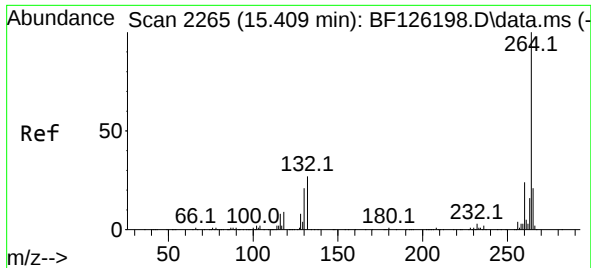


#79
Terphenyl-d14
Concen: 63.709 ng
RT: 12.921 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BF126211.D
Acq: 16 Dec 2021 14:47



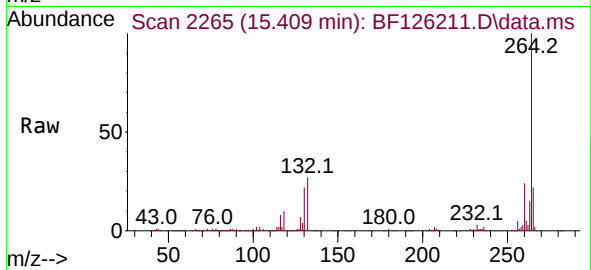
Tgt Ion:244 Resp: 1184821
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 15.8 9.0 13.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.409 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF126211.D
Acq: 16 Dec 2021 14:47

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:264 Resp: 340775

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	21.6	17.2	25.8

