

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
 Data File : BF126665.D
 Acq On : 25 Jan 2022 16:02
 Operator : CG/JU
 Sample : N1245-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB

Quant Time: Jan 26 00:21:29 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 19 07:04:14 2022
 Response via : Initial Calibration

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

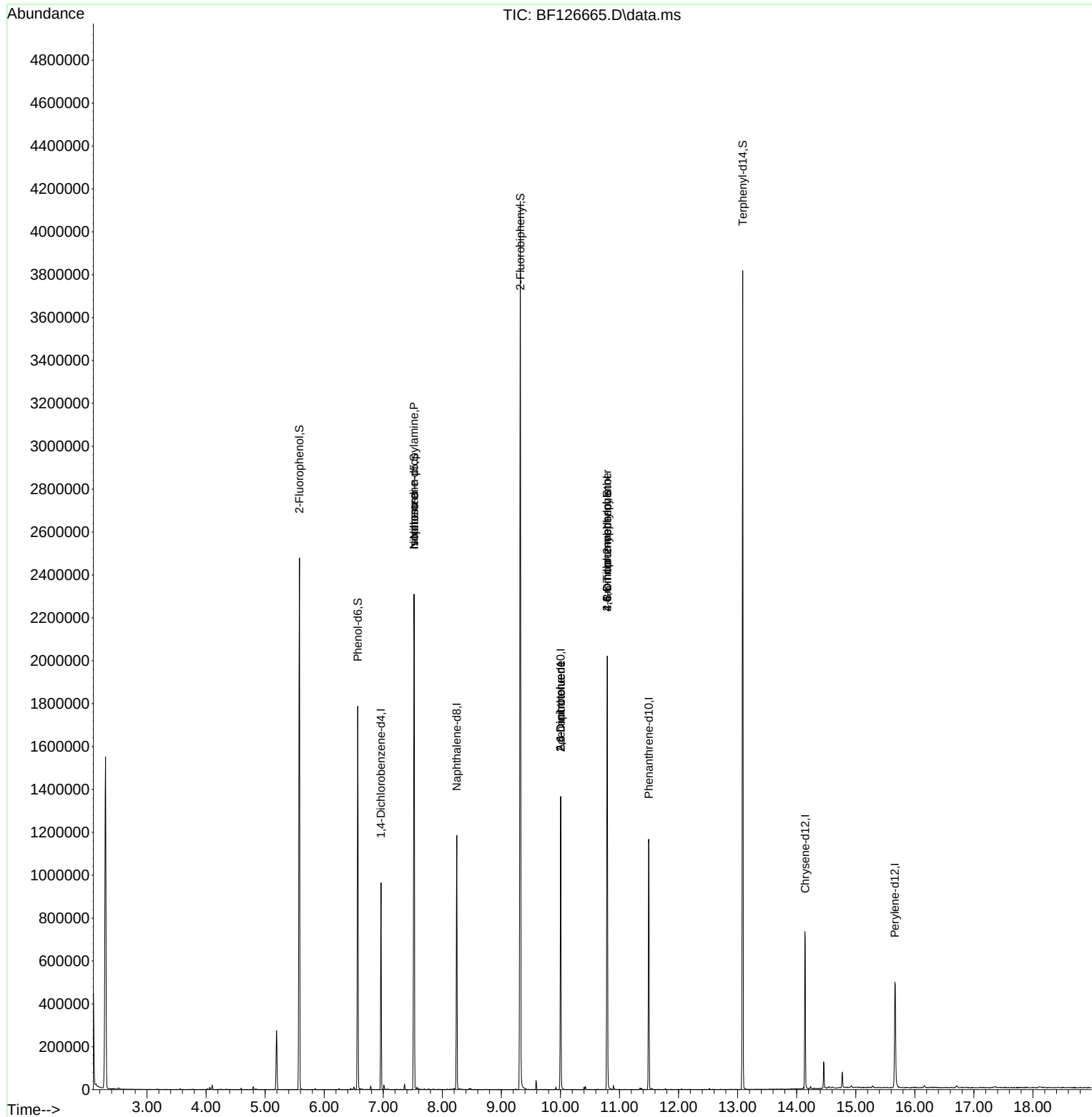
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	116750	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	450760	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	249375	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	409079	20.000	ng	0.00
76) Chrysene-d12	14.145	240	254696	20.000	ng	# 0.00
86) Perylene-d12	15.662	264	247827	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	595849	67.159	ng	0.00
7) Phenol-d6	6.569	99	577988	46.888	ng	-0.01
23) Nitrobenzene-d5	7.522	82	921863	80.049	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	192263	82.383	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1177820	72.334	ng	0.00
79) Terphenyl-d14	13.086	244	1184519	78.005	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.516	77	566	Below Cal	#	51
19) n-Nitroso-di-n-propyla...	7.522	70	124467	13.835	ng	# 70
25) Isophorone	7.522	82	921841	41.275	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	32244	10.550	ng	# 21
57) 2,4-Dinitrotoluene	10.004	165	32244	8.706	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.792	198	426	7.556	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	12732	2.701	ng	# 1

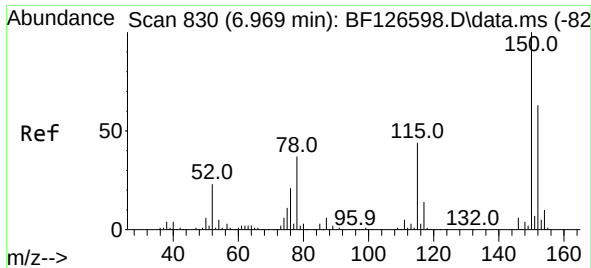
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
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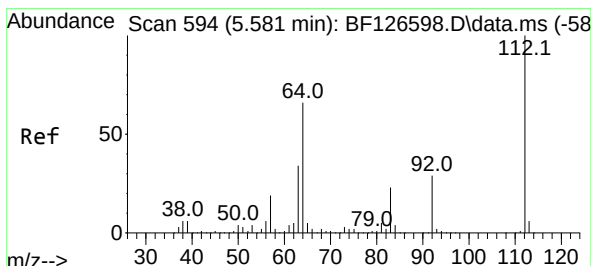
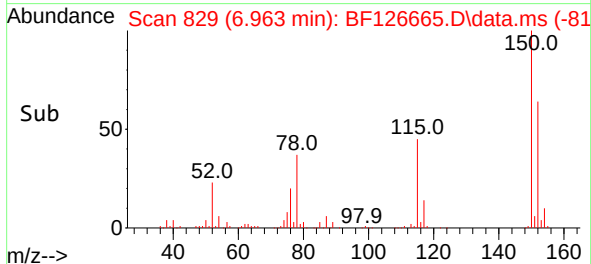
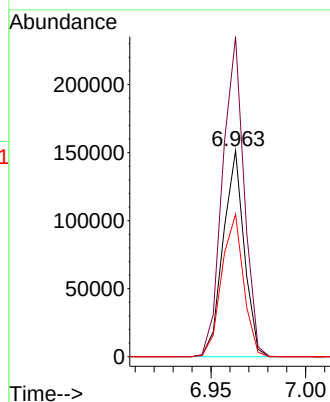
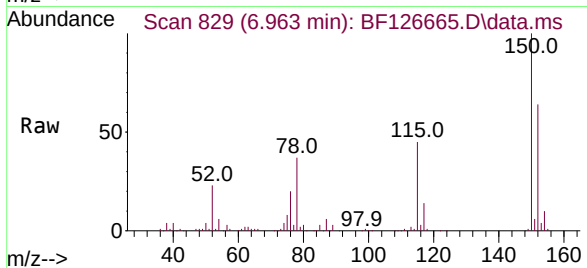




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126665.D
Acq: 25 Jan 2022 16:02

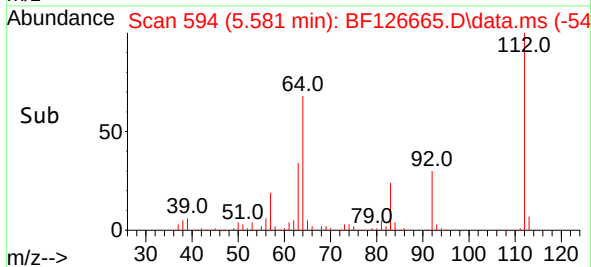
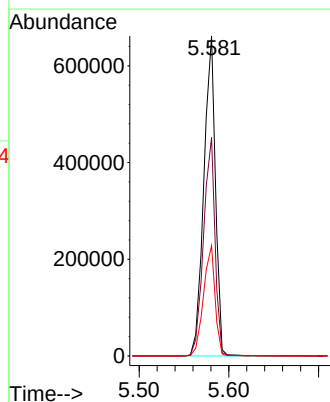
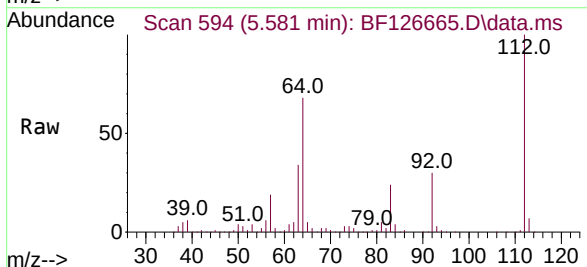
Instrument :
BNA_F
ClientSampleId :
FB

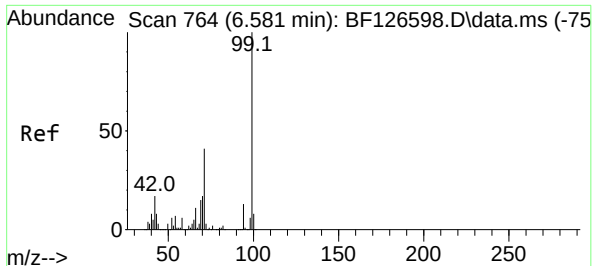
Tgt Ion:152 Resp: 116750
Ion Ratio Lower Upper
152 100
150 155.3 128.1 192.1
115 69.1 56.7 85.1



#5
2-Fluorophenol
Concen: 67.159 ng
RT: 5.581 min Scan# 594
Delta R.T. -0.000 min
Lab File: BF126665.D
Acq: 25 Jan 2022 16:02

Tgt Ion:112 Resp: 595849
Ion Ratio Lower Upper
112 100
64 68.3 49.5 74.3
63 34.5 23.9 35.9





#7

Phenol-d6

Concen: 46.888 ng

RT: 6.569 min Scan# 7

Delta R.T. -0.012 min

Lab File: BF126665.D

Acq: 25 Jan 2022 16:02

Instrument :

BNA_F

ClientSampleId :

FB

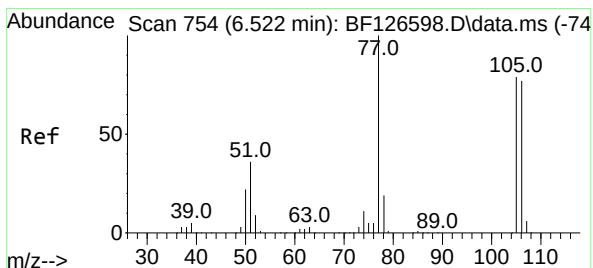
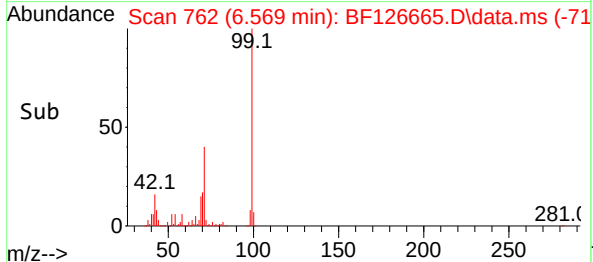
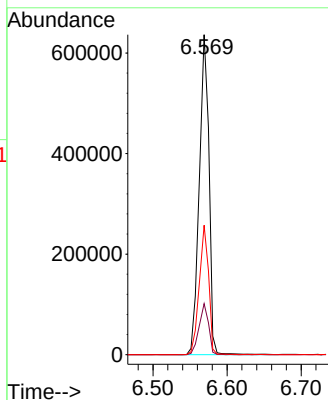
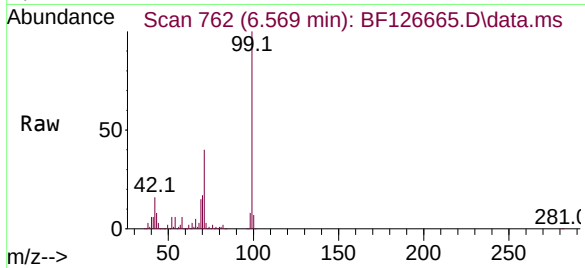
Tgt Ion: 99 Resp: 577988

Ion Ratio Lower Upper

99 100

42 16.0 14.2 21.4

71 40.4 24.3 36.5#



#9

Benzaldehyde

Concen: Below Cal

RT: 6.516 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF126665.D

Acq: 25 Jan 2022 16:02

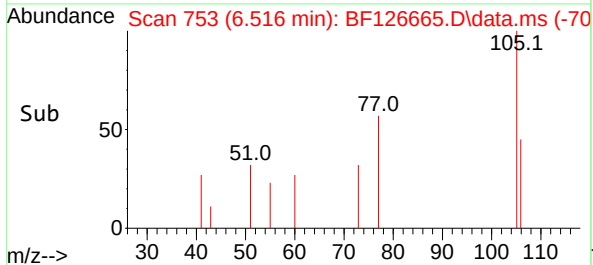
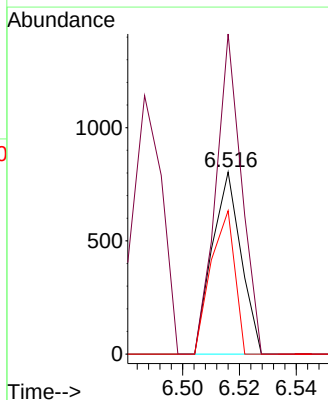
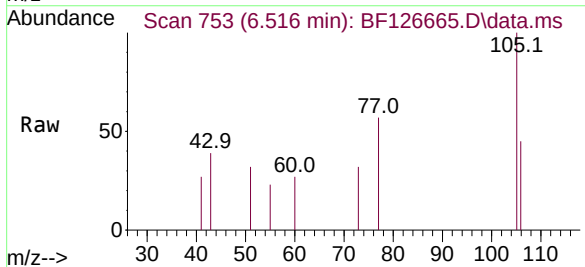
Tgt Ion: 77 Resp: 566

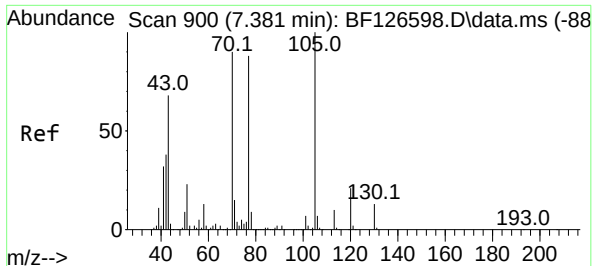
Ion Ratio Lower Upper

77 100

105 175.9 74.9 114.9#

106 78.7 72.4 112.4

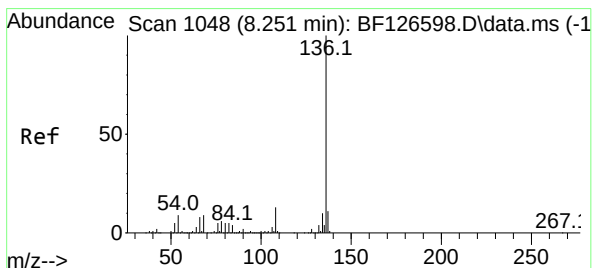
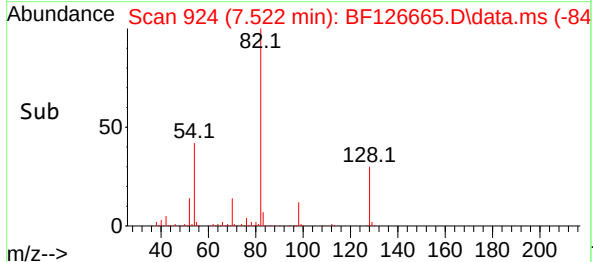
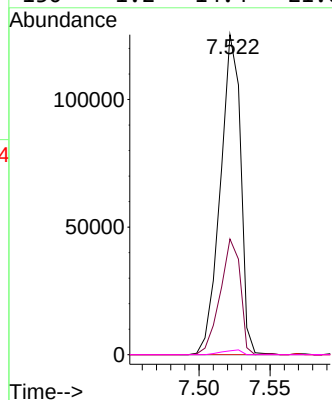
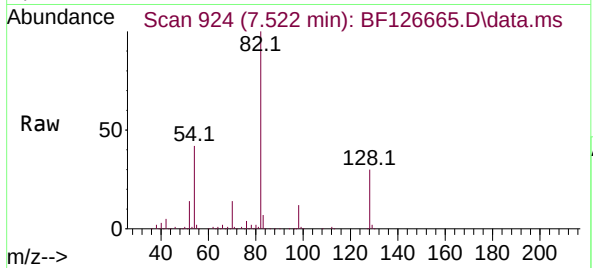




#19
n-Nitroso-di-n-propylamine
Concen: 13.835 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.141 min
Lab File: BF126665.D
Acq: 25 Jan 2022 16:02

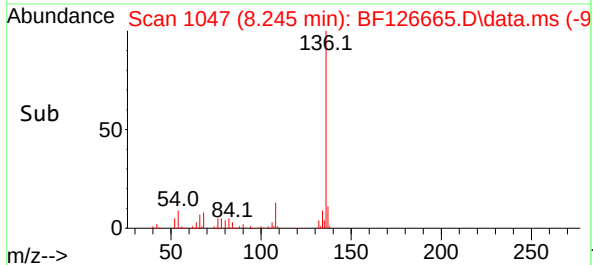
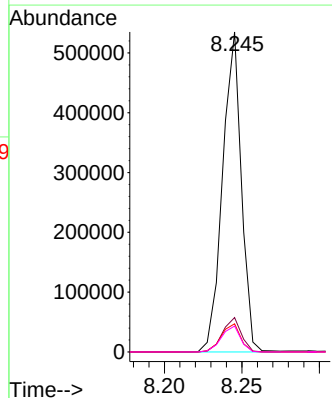
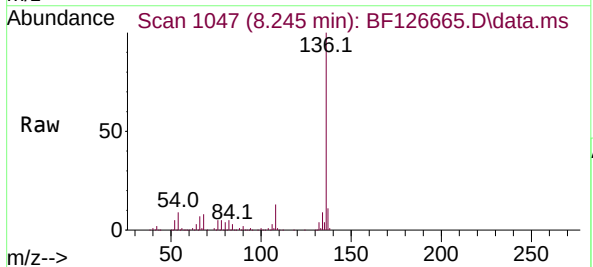
Instrument :
BNA_F
ClientSampleId :
FB

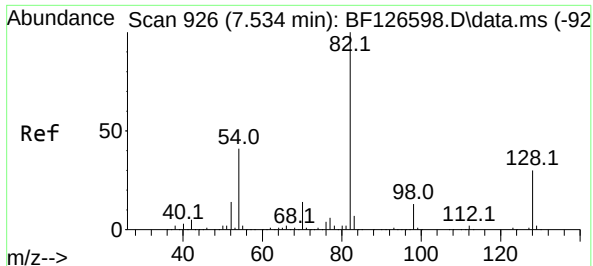
Tgt Ion: 70 Resp: 124467
Ion Ratio Lower Upper
70 100
42 36.2 45.8 68.8#
101 0.0 6.9 10.3#
130 1.2 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126665.D
Acq: 25 Jan 2022 16:02

Tgt Ion: 136 Resp: 450760
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.8 7.8 11.6
68 8.1 6.3 9.5





#23

Nitrobenzene-d5

Concen: 80.049 ng

RT: 7.522 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF126665.D

Acq: 25 Jan 2022 16:02

Instrument :

BNA_F

ClientSampleId :

FB

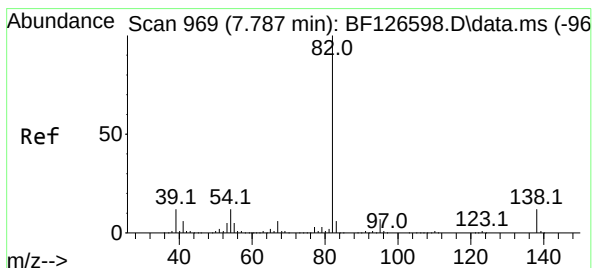
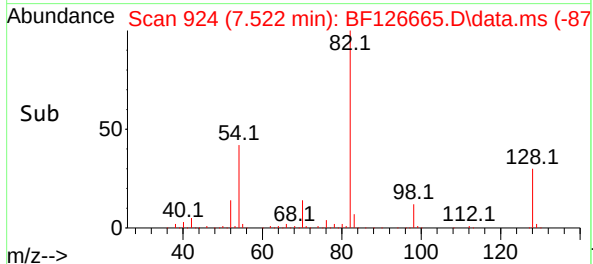
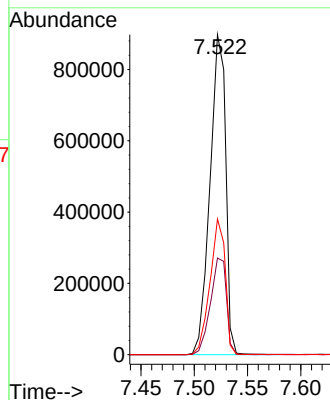
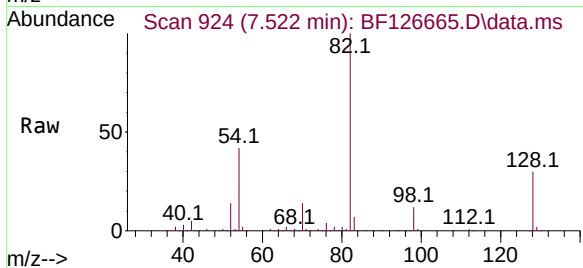
Tgt Ion: 82 Resp: 921863

Ion Ratio Lower Upper

82 100

128 30.2 32.7 49.1#

54 42.4 41.7 62.5



#25

Isophorone

Concen: 41.275 ng

RT: 7.522 min Scan# 924

Delta R.T. -0.265 min

Lab File: BF126665.D

Acq: 25 Jan 2022 16:02

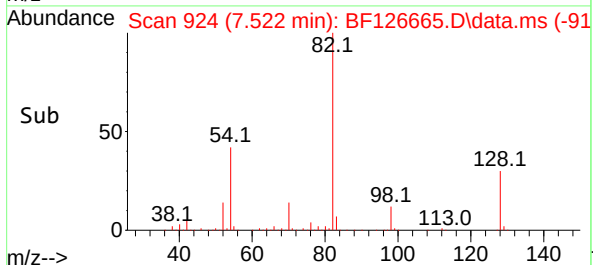
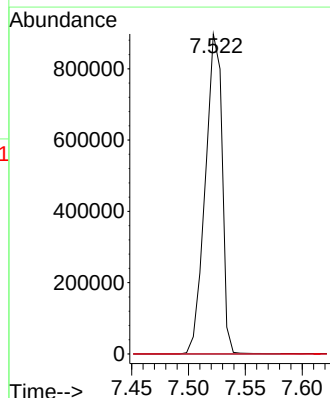
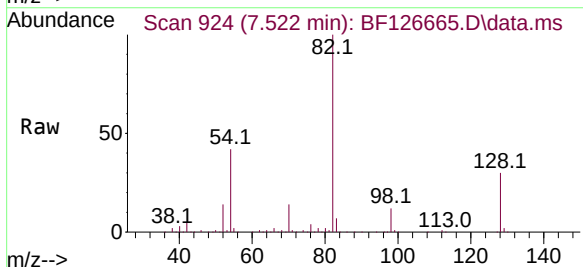
Tgt Ion: 82 Resp: 921841

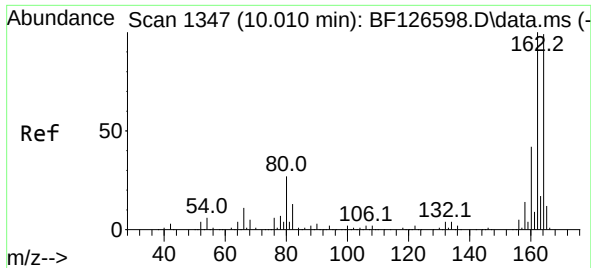
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#

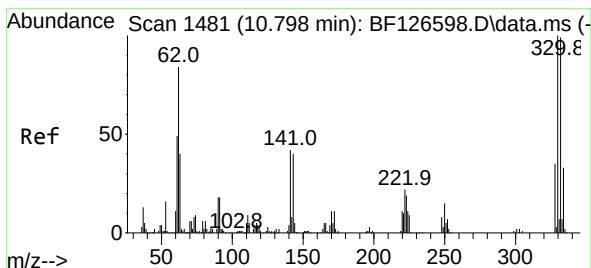
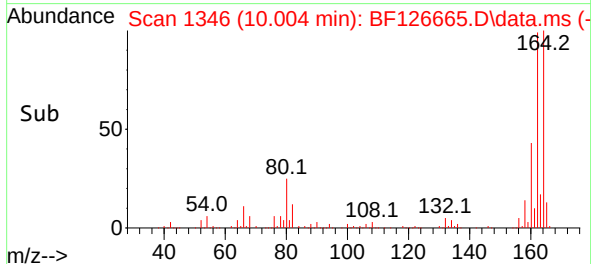
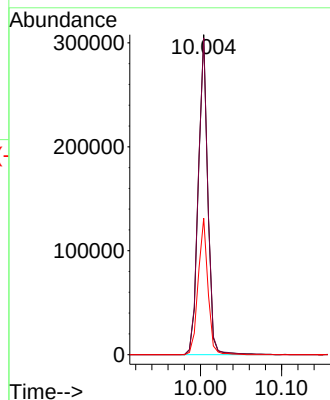
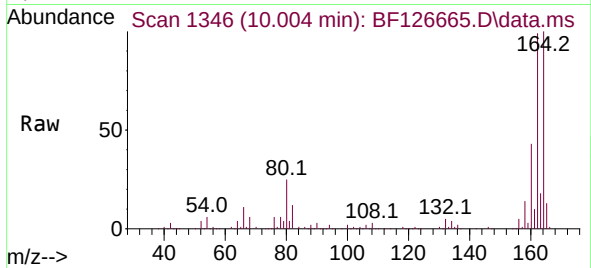




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126665.D
Acq: 25 Jan 2022 16:02

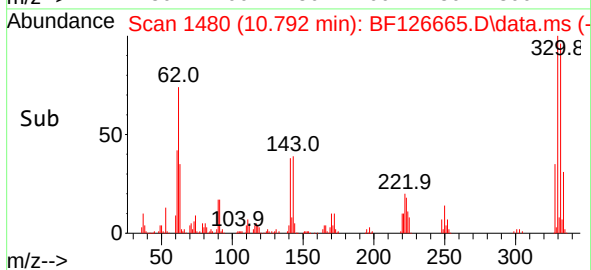
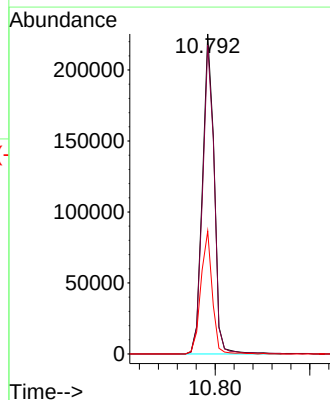
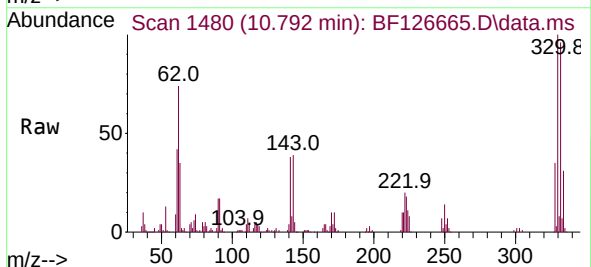
Instrument :
BNA_F
ClientSampleId :
FB

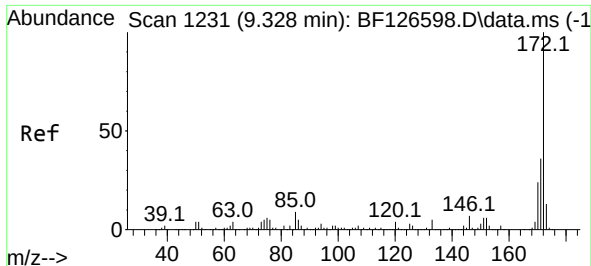
Tgt Ion:164 Resp: 249375
Ion Ratio Lower Upper
164 100
162 99.0 81.4 122.0
160 42.7 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 82.383 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF126665.D
Acq: 25 Jan 2022 16:02

Tgt Ion:330 Resp: 192263
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 37.7 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 72.334 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126665.D

Acq: 25 Jan 2022 16:02

Instrument :

BNA_F

ClientSampleId :

FB

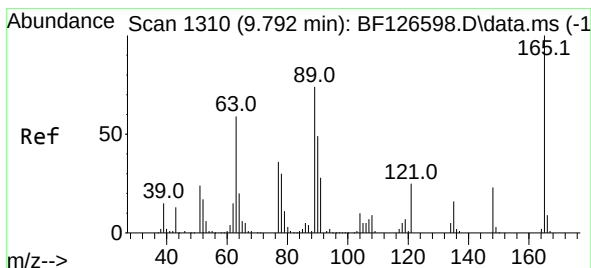
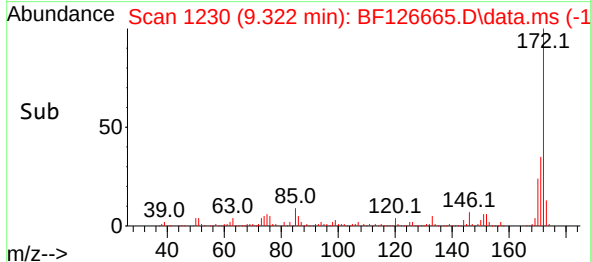
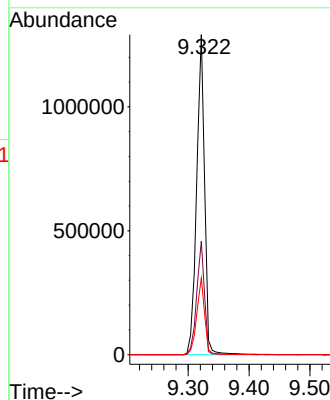
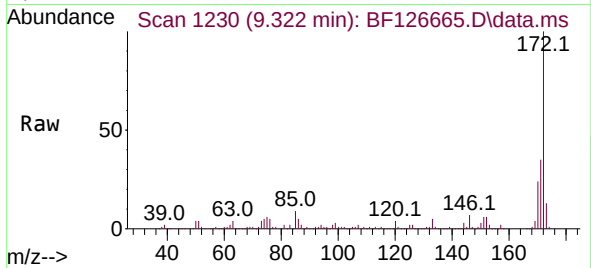
Tgt Ion:172 Resp: 1177820

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 24.0 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.550 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF126665.D

Acq: 25 Jan 2022 16:02

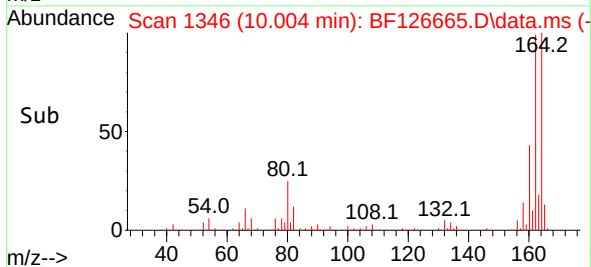
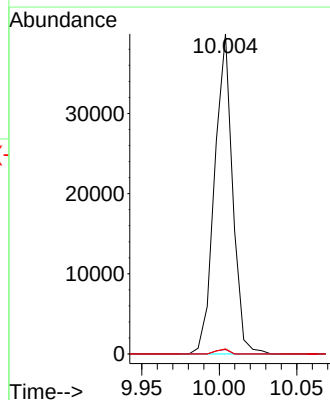
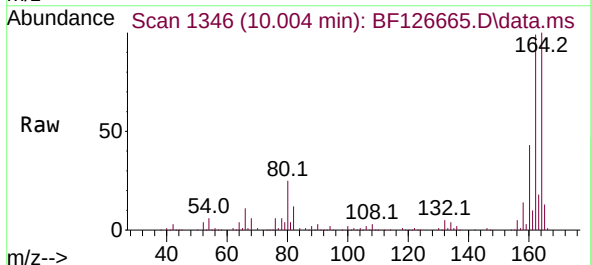
Tgt Ion:165 Resp: 32244

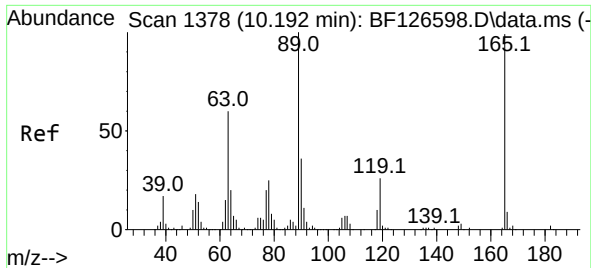
Ion Ratio Lower Upper

165 100

63 1.4 48.4 72.6#

89 1.6 50.5 75.7#

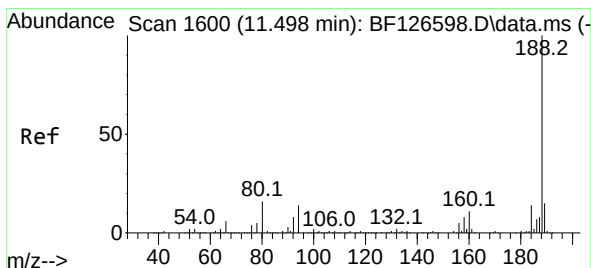
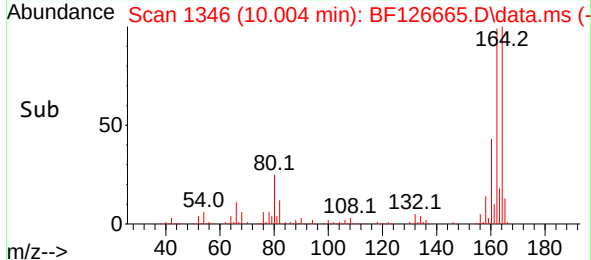
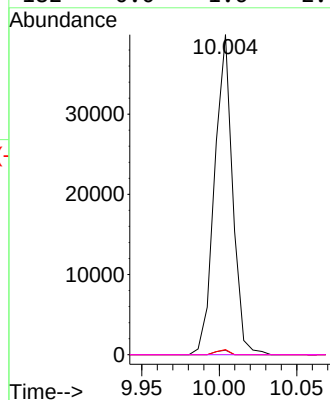
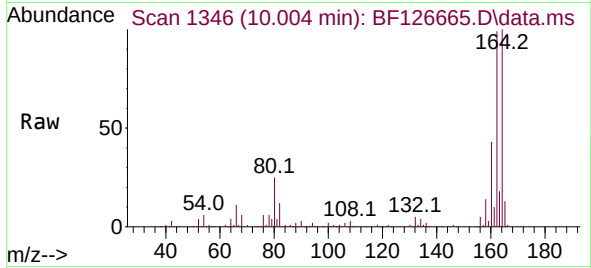




#57
2,4-Dinitrotoluene
Concen: 8.706 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126665.D
Acq: 25 Jan 2022 16:02

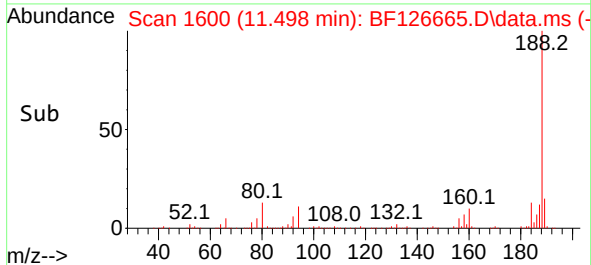
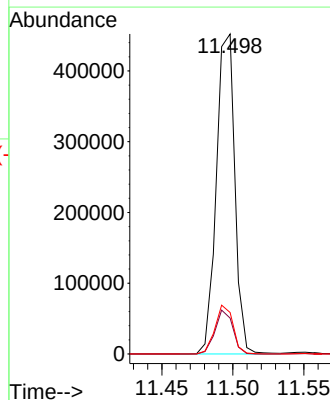
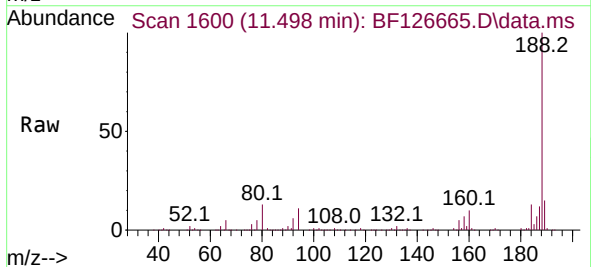
Instrument :
BNA_F
ClientSampleId :
FB

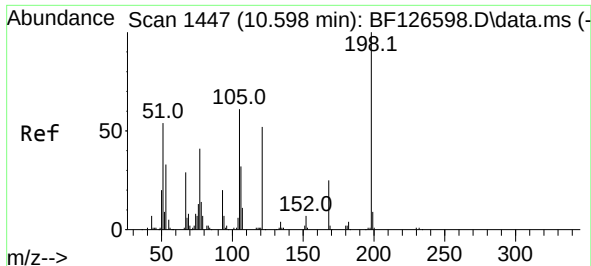
Tgt Ion:165 Resp: 32244
Ion Ratio Lower Upper
165 100
63 1.4 43.0 64.6#
89 1.6 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BF126665.D
Acq: 25 Jan 2022 16:02

Tgt Ion:188 Resp: 409079
Ion Ratio Lower Upper
188 100
94 11.2 10.1 15.1
80 12.9 11.8 17.6

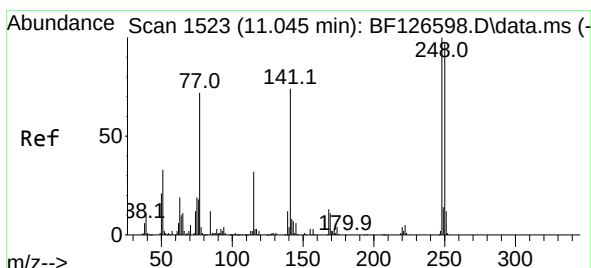
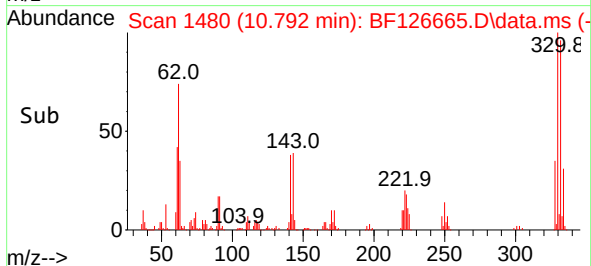
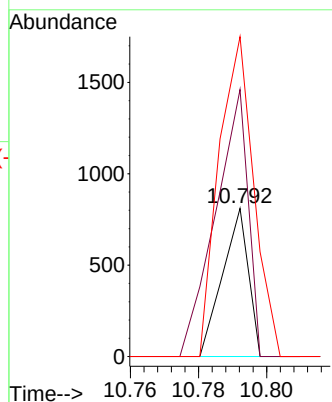
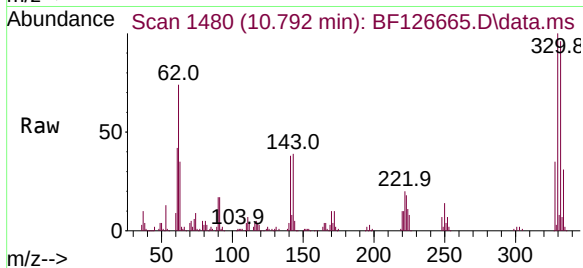




#65
4,6-Dinitro-2-methylphenol
Concen: 7.556 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126665.D
Acq: 25 Jan 2022 16:02

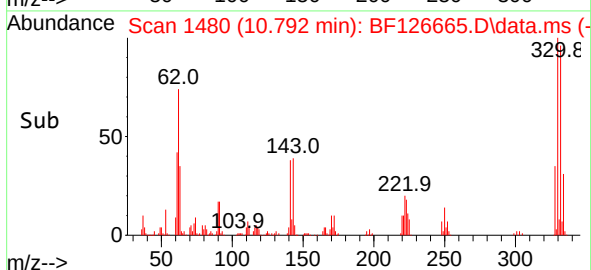
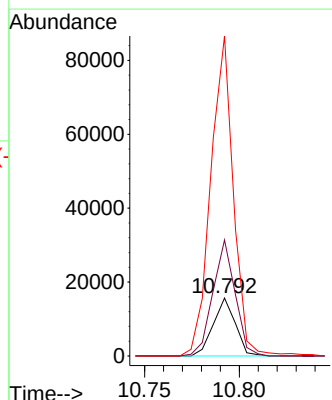
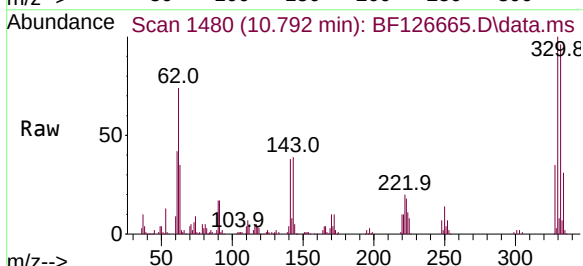
Instrument :
BNA_F
ClientSampleId :
FB

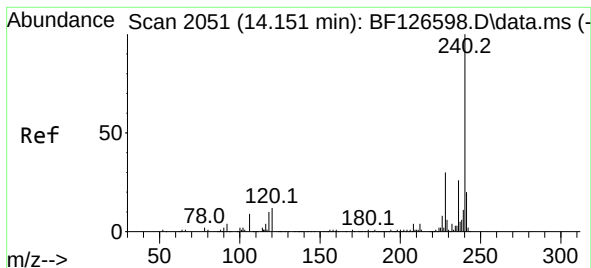
Tgt Ion:198 Resp: 426
Ion Ratio Lower Upper
198 100
51 180.1 32.0 72.0#
105 215.8 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 2.701 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.253 min
Lab File: BF126665.D
Acq: 25 Jan 2022 16:02

Tgt Ion:248 Resp: 12732
Ion Ratio Lower Upper
248 100
250 200.0 76.2 114.4#
141 551.9 66.2 99.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.145 min Scan# 2050

Delta R.T. -0.006 min

Lab File: BF126665.D

Acq: 25 Jan 2022 16:02

Instrument :

BNA_F

ClientSampleId :

FB

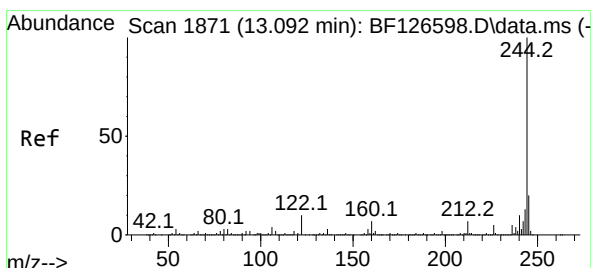
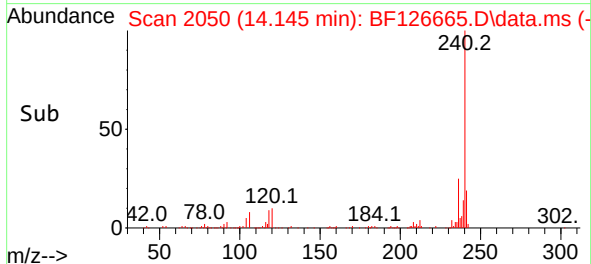
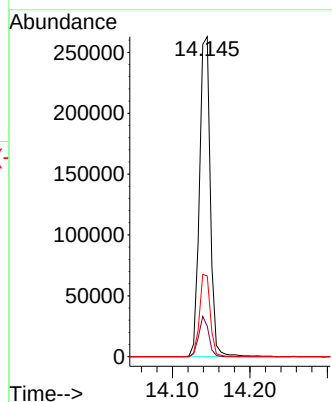
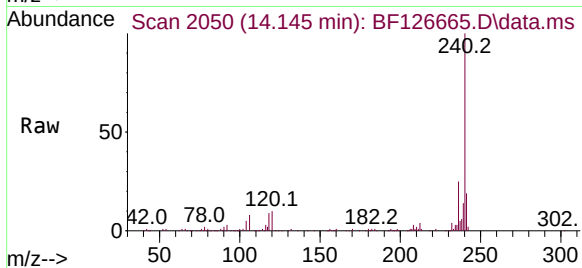
Tgt Ion:240 Resp: 254696

Ion Ratio Lower Upper

240 100

120 9.6 14.4 21.6#

236 25.2 20.5 30.7



#79

Terphenyl-d14

Concen: 78.005 ng

RT: 13.086 min Scan# 1870

Delta R.T. -0.006 min

Lab File: BF126665.D

Acq: 25 Jan 2022 16:02

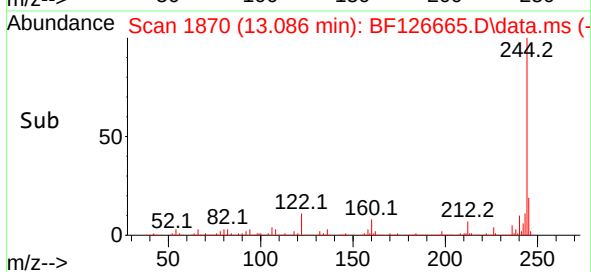
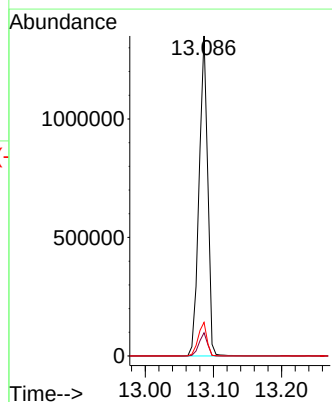
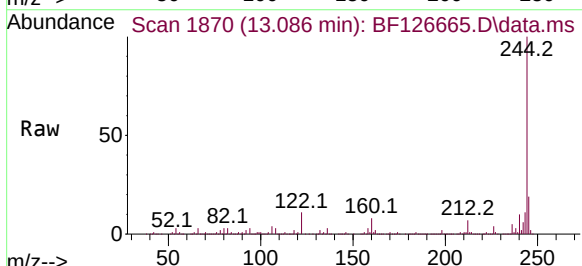
Tgt Ion:244 Resp: 1184519

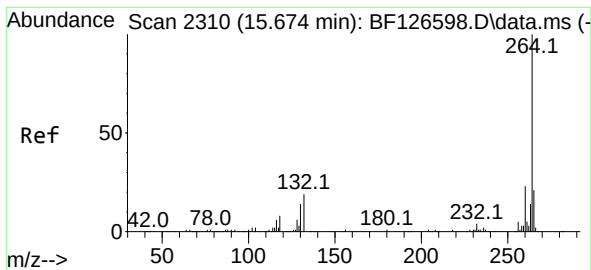
Ion Ratio Lower Upper

244 100

212 7.3 5.0 7.4

122 10.5 13.3 19.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF126665.D
 Acq: 25 Jan 2022 16:02

Instrument :
 BNA_F
 ClientSampleId :
 FB

Tgt Ion:264 Resp: 247827
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 22.7 17.4 26.2

