

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012422\
 Data File : BF126647.D
 Acq On : 24 Jan 2022 18:58
 Operator : CG/JU
 Sample : N1243-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AMI-1

Quant Time: Jan 25 03:14:23 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)

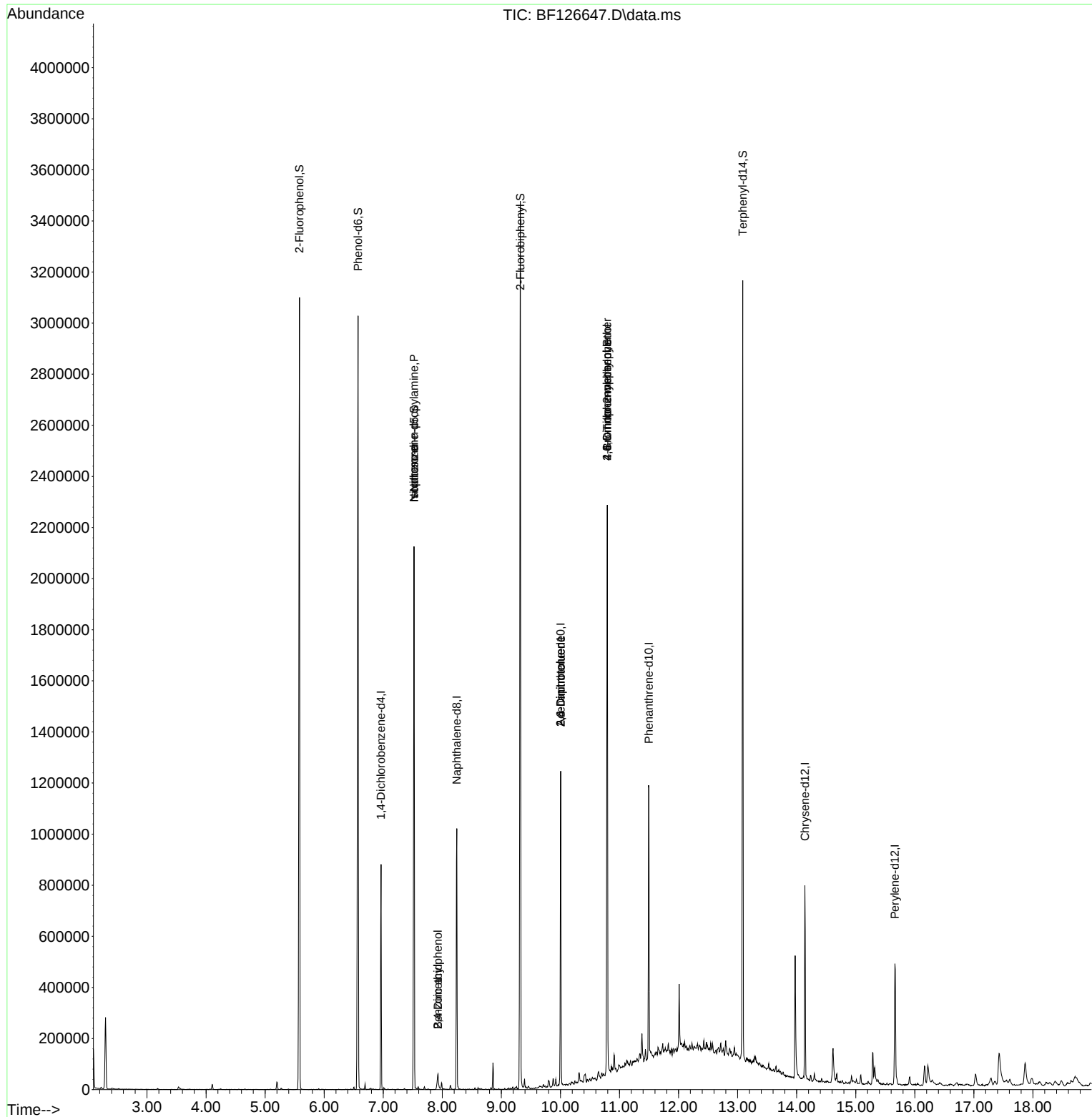
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	106593	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	407804	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	223810	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	371314	20.000	ng	0.00
76) Chrysene-d12	14.139	240	234254	20.000	ng	#-0.01
86) Perylene-d12	15.662	264	224107	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	772857	95.410	ng	0.00
7) Phenol-d6	6.575	99	1056812	93.901	ng	0.00
23) Nitrobenzene-d5	7.522	82	792420	76.057	ng	-0.01
42) 2,4,6-Tribromophenol	10.792	330	214608	102.462	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	996311	68.176	ng	0.00
79) Terphenyl-d14	13.086	244	921087	65.950	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.516	77	248	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.522	70	109226	13.297	ng	# 69
25) Isophorone	7.522	82	792410	39.217	ng	# 69
27) 2,4-Dimethylphenol	7.928	122	17988	2.702	ng	# 4
32) Benzoic acid	7.928	122	17988	4.762	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	29171	10.635	ng	# 22
57) 2,4-Dinitrotoluene	10.004	165	29171	8.776	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.792	198	679	7.695	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	14730	3.442	ng	# 1

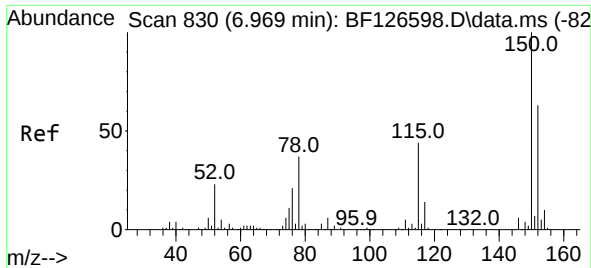
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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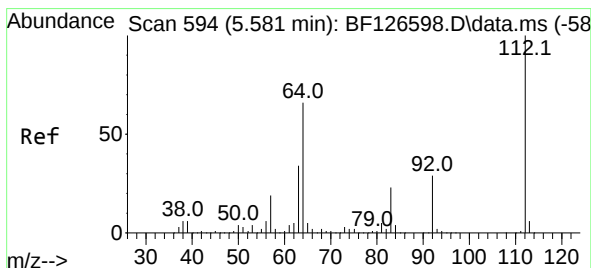
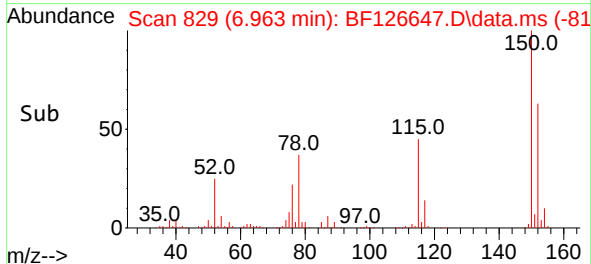
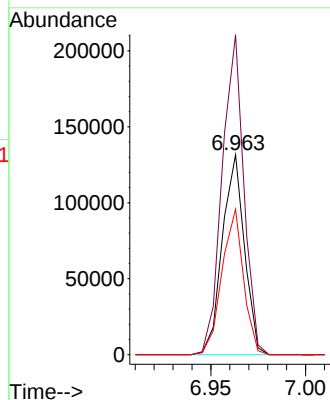
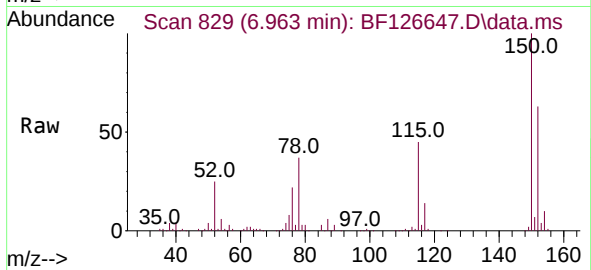




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126647.D
Acq: 24 Jan 2022 18:58

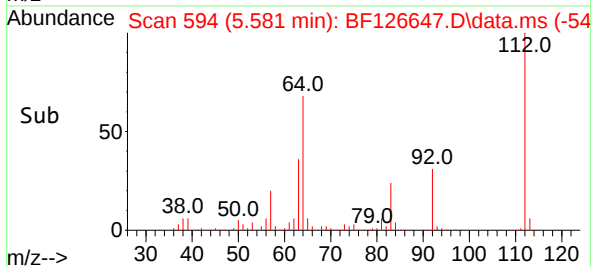
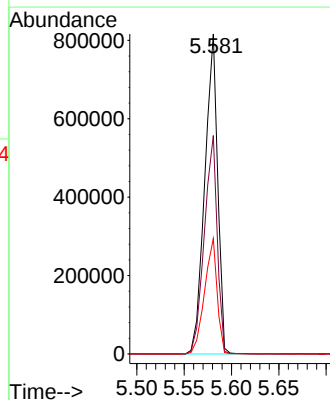
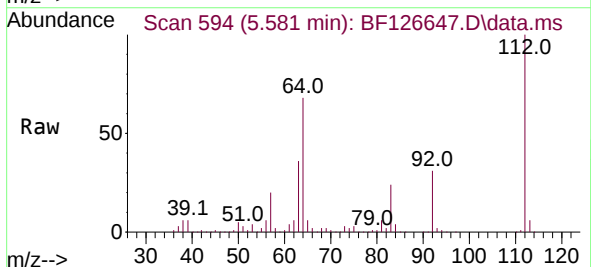
Instrument :
BNA_F
ClientSampleId :
AMI-1

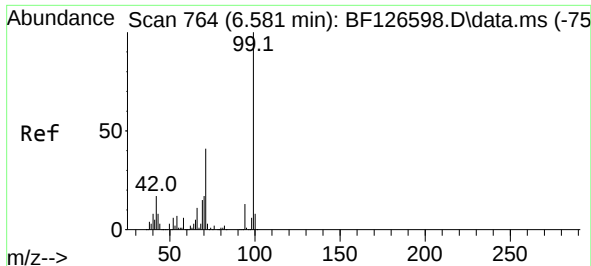
Tgt Ion:152 Resp: 106593
Ion Ratio Lower Upper
152 100
150 160.0 128.1 192.1
115 72.7 56.7 85.1



#5
2-Fluorophenol
Concen: 95.410 ng
RT: 5.581 min Scan# 594
Delta R.T. -0.000 min
Lab File: BF126647.D
Acq: 24 Jan 2022 18:58

Tgt Ion:112 Resp: 772857
Ion Ratio Lower Upper
112 100
64 68.2 49.5 74.3
63 36.1 23.9 35.9#





#7

Phenol-d6

Concen: 93.901 ng

RT: 6.575 min Scan# 70

Delta R.T. -0.006 min

Lab File: BF126647.D

Acq: 24 Jan 2022 18:58

Instrument :

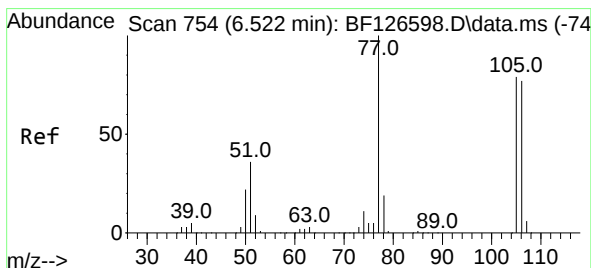
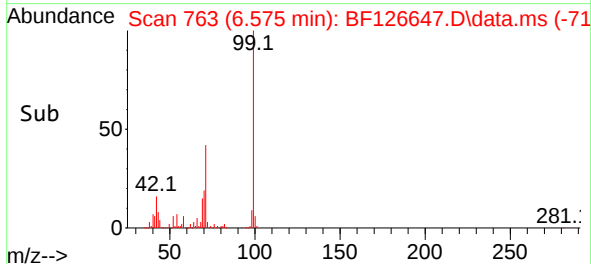
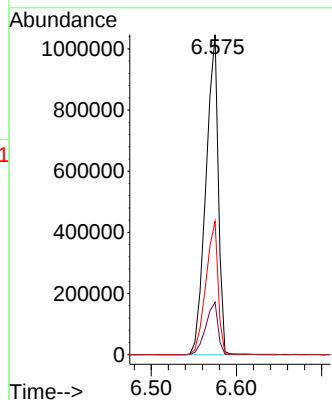
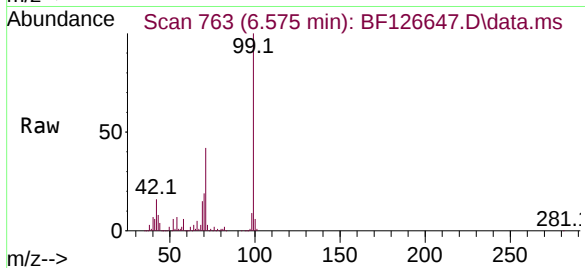
BNA_F

ClientSampleId :

AMI-1

Tgt Ion: 99 Resp: 1056812

Ion	Ratio	Lower	Upper
99	100		
42	16.4	14.2	21.4
71	41.7	24.3	36.5



#9

Benzaldehyde

Concen: Below Cal

RT: 6.516 min Scan# 753

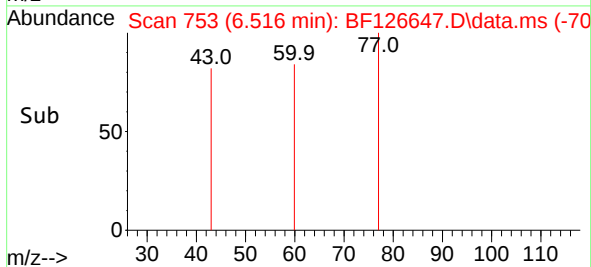
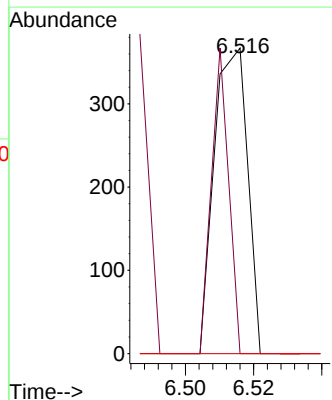
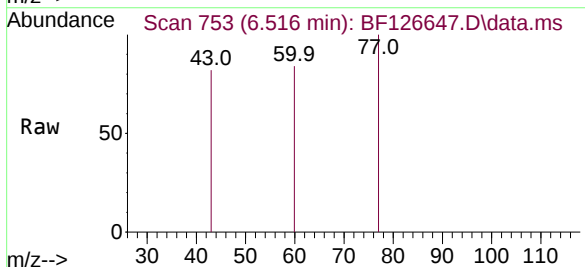
Delta R.T. -0.006 min

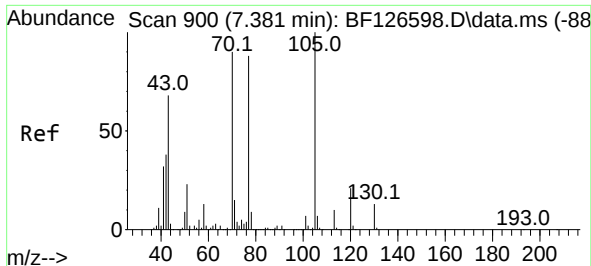
Lab File: BF126647.D

Acq: 24 Jan 2022 18:58

Tgt Ion: 77 Resp: 248

Ion	Ratio	Lower	Upper
77	100		
105	0.0	74.9	114.9
106	0.0	72.4	112.4

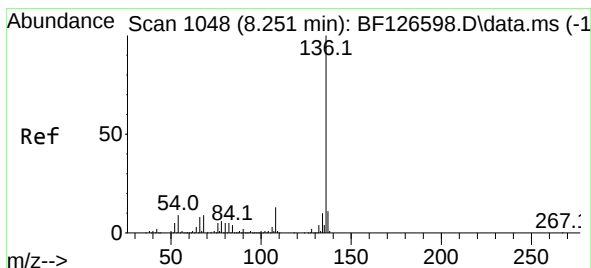
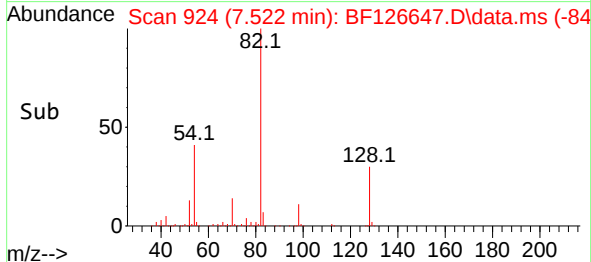
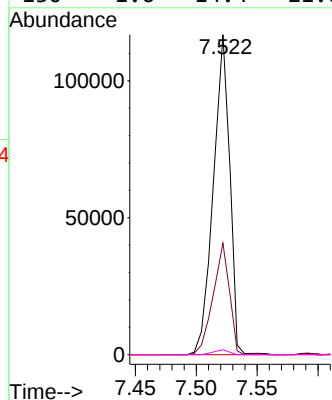
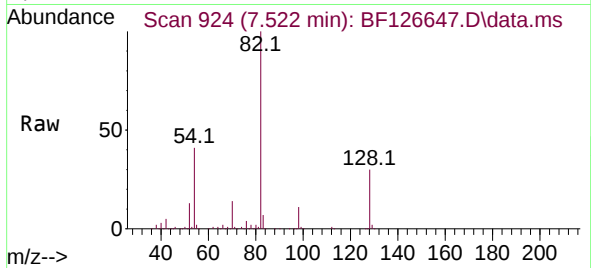




#19
n-Nitroso-di-n-propylamine
Concen: 13.297 ng
RT: 7.522 min Scan# 91
Delta R.T. 0.141 min
Lab File: BF126647.D
Acq: 24 Jan 2022 18:58

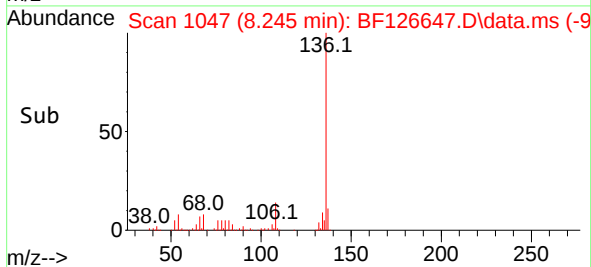
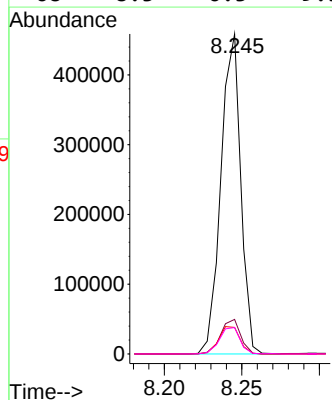
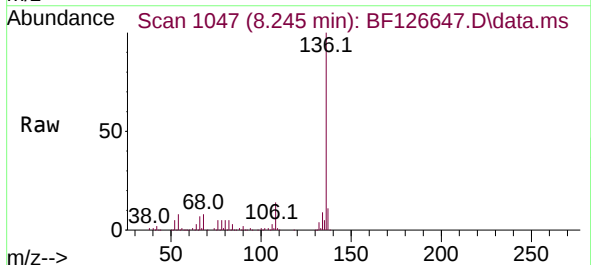
Instrument :
BNA_F
ClientSampleId :
AMI-1

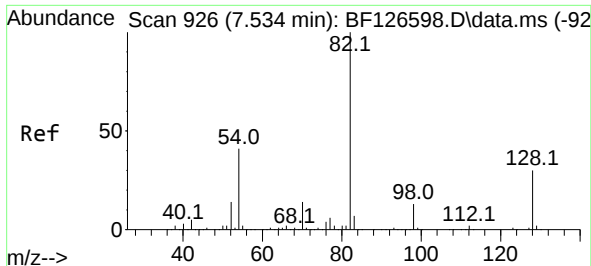
Tgt Ion: 70 Resp: 109226
Ion Ratio Lower Upper
70 100
42 34.9 45.8 68.8#
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126647.D
Acq: 24 Jan 2022 18:58

Tgt Ion: 136 Resp: 407804
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.3 7.8 11.6
68 8.3 6.3 9.5





#23

Nitrobenzene-d5

Concen: 76.057 ng

RT: 7.522 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF126647.D

Acq: 24 Jan 2022 18:58

Instrument :

BNA_F

ClientSampleId :

AMI-1

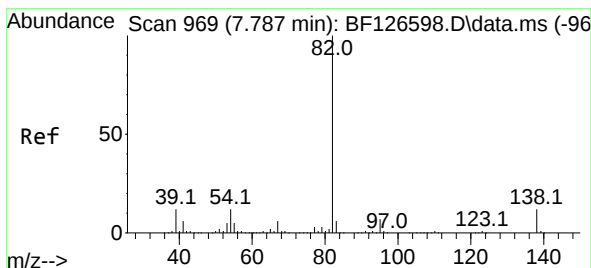
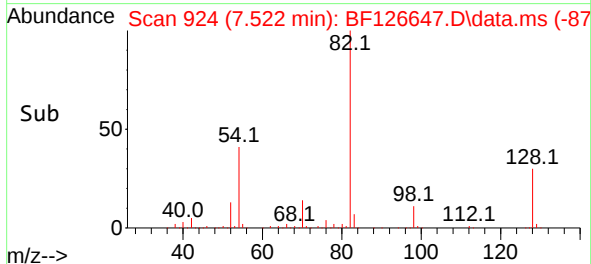
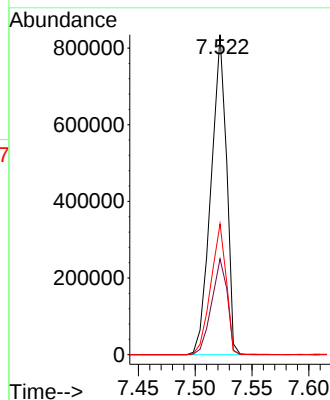
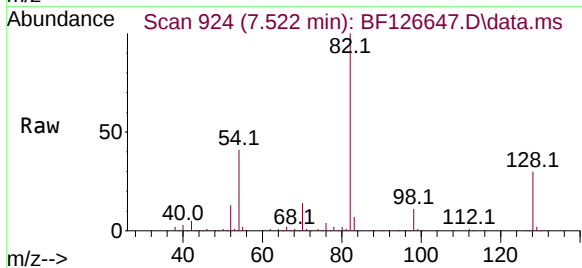
Tgt Ion: 82 Resp: 792420

Ion Ratio Lower Upper

82 100

128 30.0 32.7 49.1#

54 40.9 41.7 62.5#



#25

Isophorone

Concen: 39.217 ng

RT: 7.522 min Scan# 924

Delta R.T. -0.265 min

Lab File: BF126647.D

Acq: 24 Jan 2022 18:58

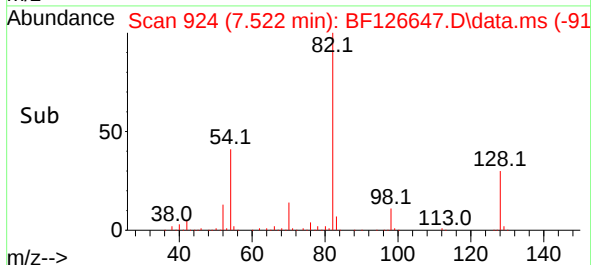
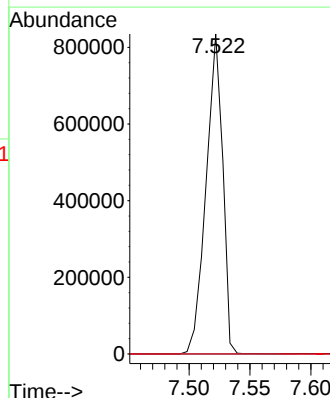
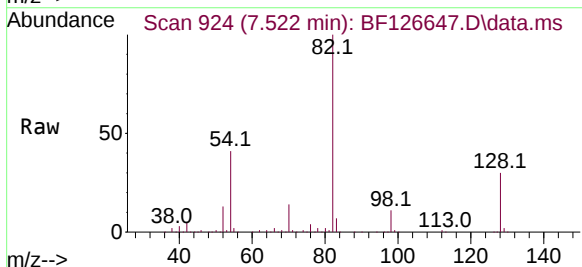
Tgt Ion: 82 Resp: 792410

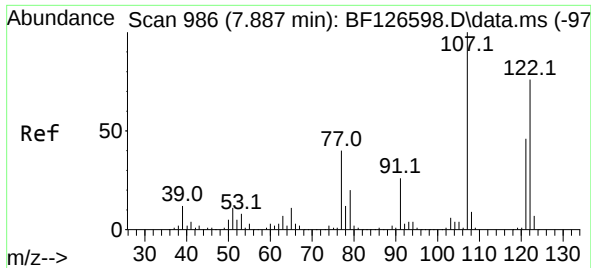
Ion Ratio Lower Upper

82 100

95 0.0 5.0 7.4#

138 0.0 12.3 18.5#





#27

2,4-Dimethylphenol

Concen: 2.702 ng

RT: 7.928 min Scan# 993

Delta R.T. 0.041 min

Lab File: BF126647.D

Acq: 24 Jan 2022 18:58

Instrument :

BNA_F

ClientSampleId :

AMI-1

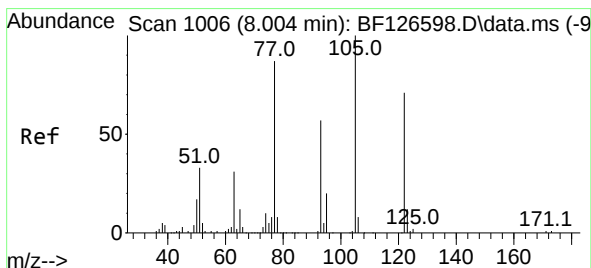
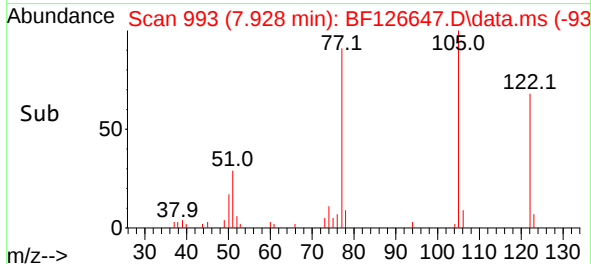
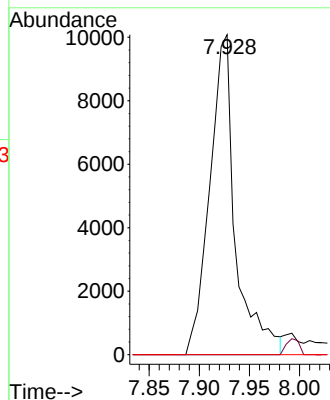
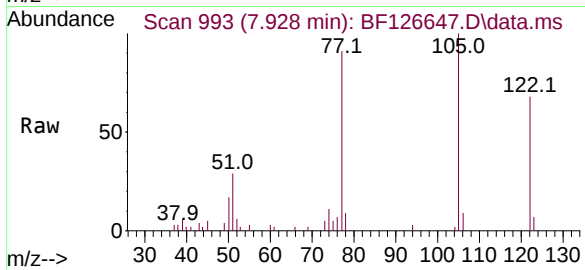
Tgt Ion:122 Resp: 17988

Ion Ratio Lower Upper

122 100

107 0.0 91.2 136.8#

121 0.0 44.4 66.6#



#32

Benzoic acid

Concen: 4.762 ng

RT: 7.928 min Scan# 993

Delta R.T. -0.076 min

Lab File: BF126647.D

Acq: 24 Jan 2022 18:58

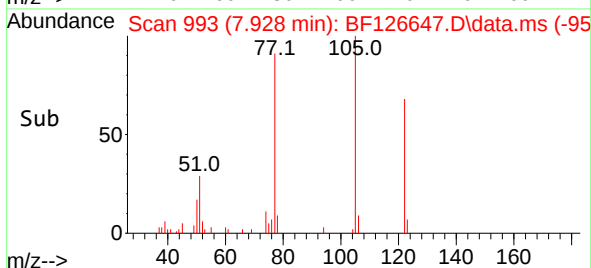
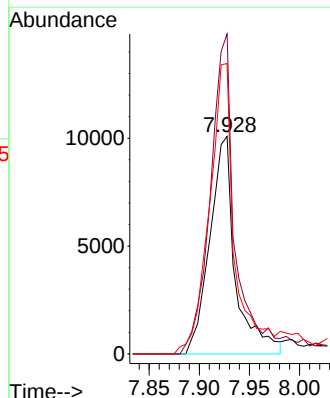
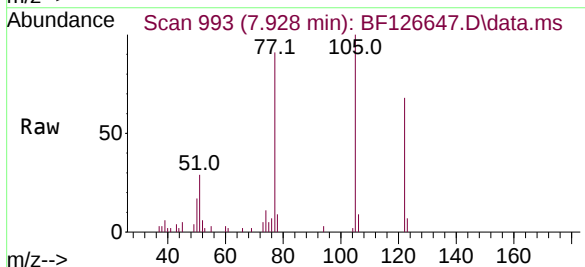
Tgt Ion:122 Resp: 17988

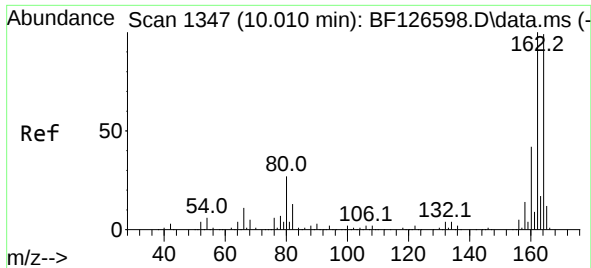
Ion Ratio Lower Upper

122 100

105 147.1 101.0 141.0#

77 133.5 74.5 114.5#

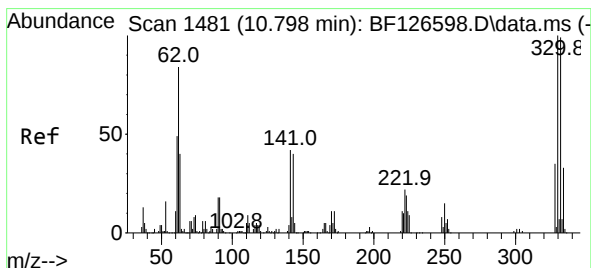
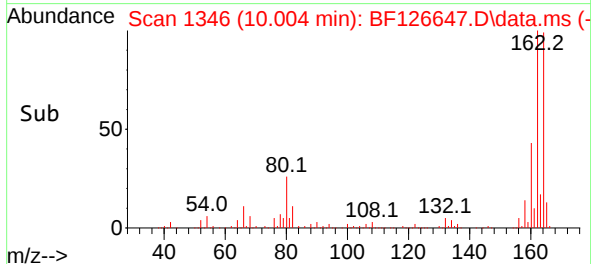
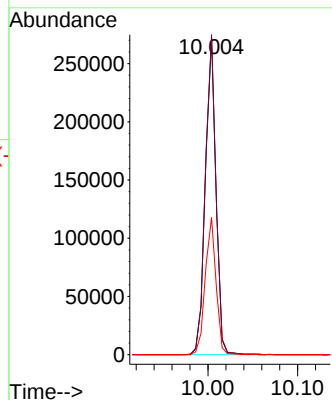
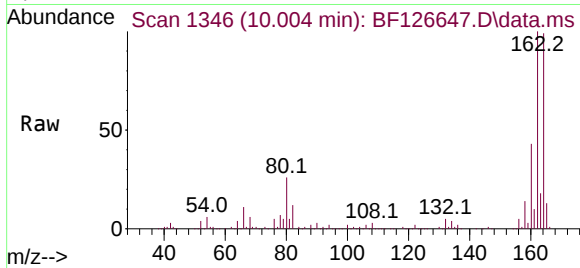




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126647.D
Acq: 24 Jan 2022 18:58

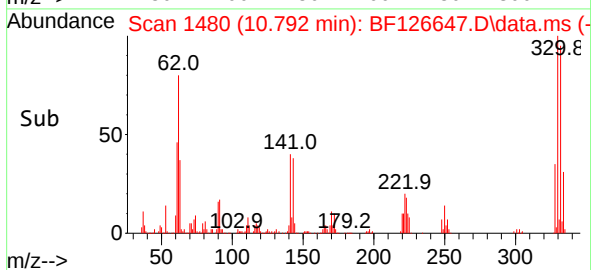
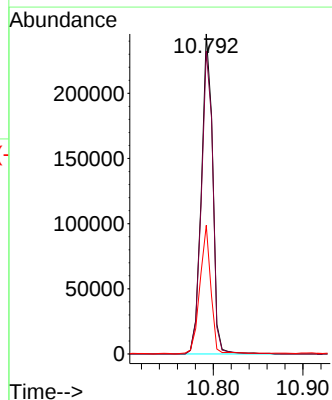
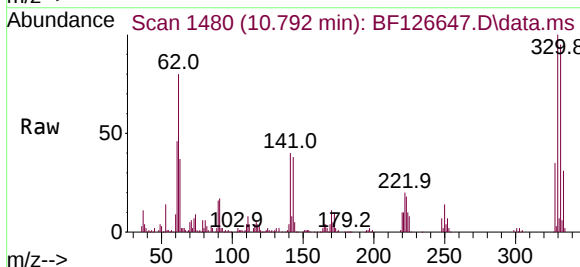
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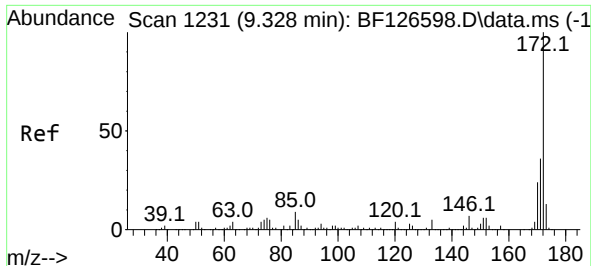
Tgt Ion:164 Resp: 223810
Ion Ratio Lower Upper
164 100
162 101.0 81.4 122.0
160 43.3 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 102.462 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BF126647.D
Acq: 24 Jan 2022 18:58

Tgt Ion:330 Resp: 214608
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 39.3 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 68.176 ng

RT: 9.322 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF126647.D

Acq: 24 Jan 2022 18:58

Instrument :

BNA_F

ClientSampleId :

AMI-1

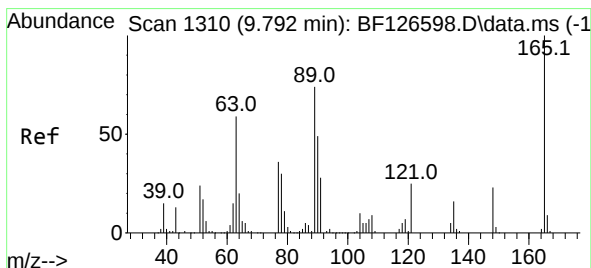
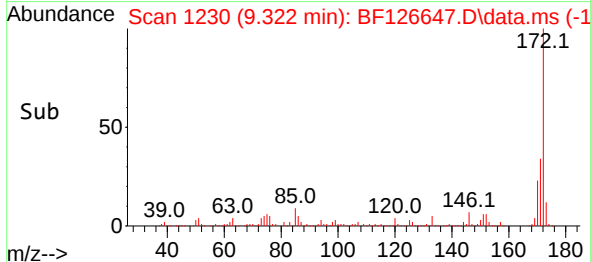
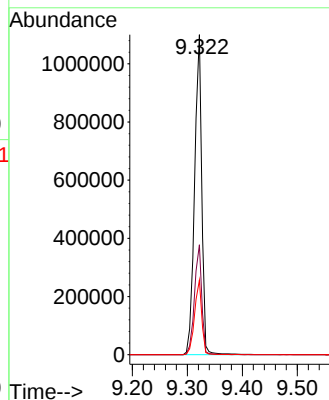
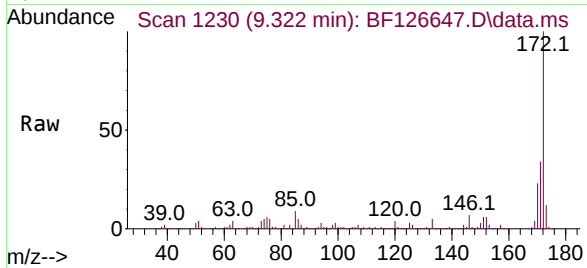
Tgt Ion:172 Resp: 996311

Ion Ratio Lower Upper

172 100

171 34.3 28.3 42.5

170 23.3 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.635 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF126647.D

Acq: 24 Jan 2022 18:58

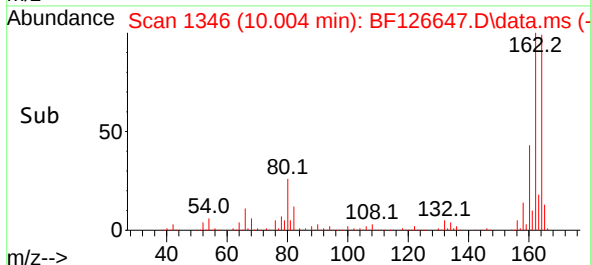
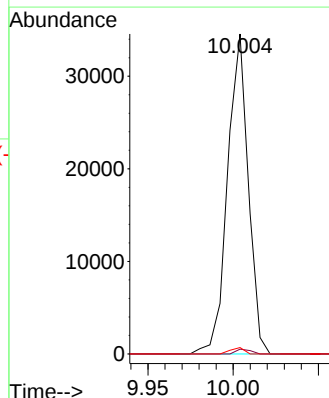
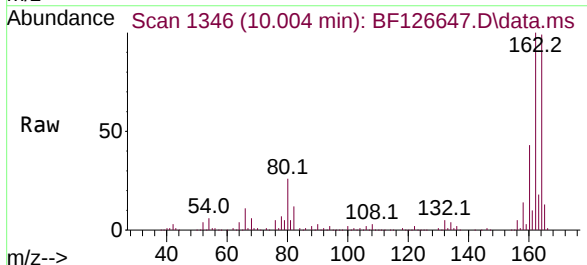
Tgt Ion:165 Resp: 29171

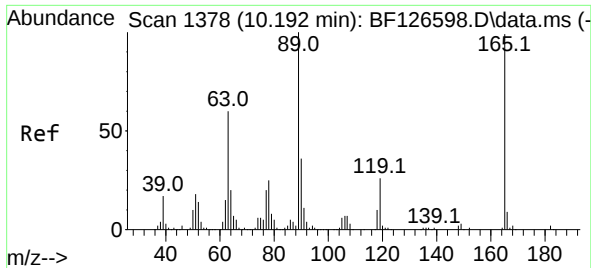
Ion Ratio Lower Upper

165 100

63 1.5 48.4 72.6#

89 2.0 50.5 75.7#

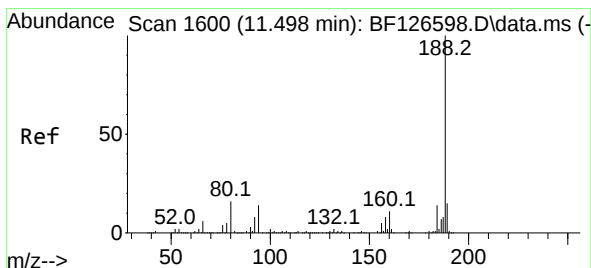
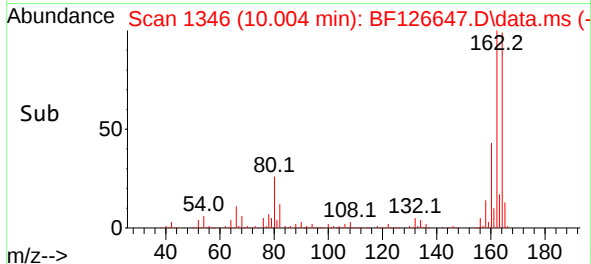
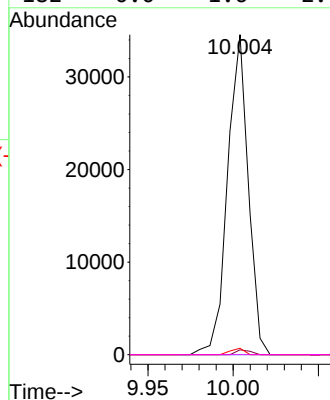
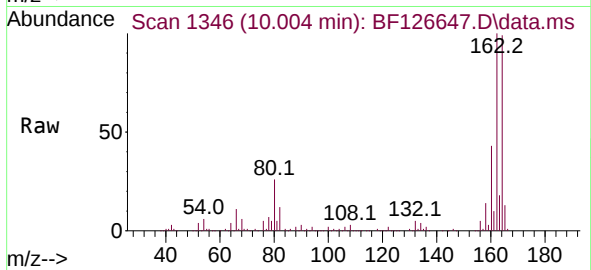




#57
2,4-Dinitrotoluene
Concen: 8.776 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126647.D
Acq: 24 Jan 2022 18:58

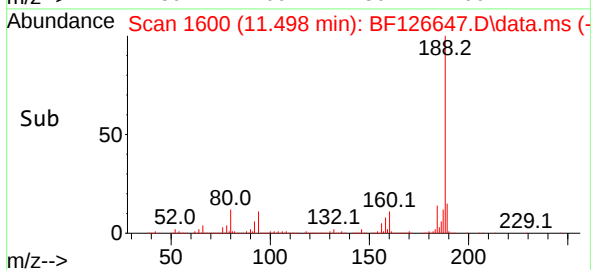
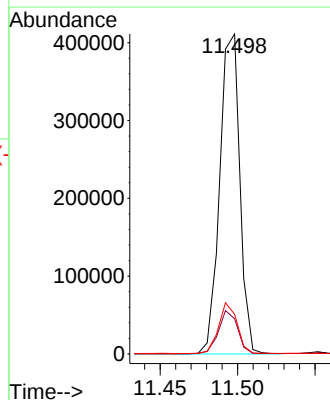
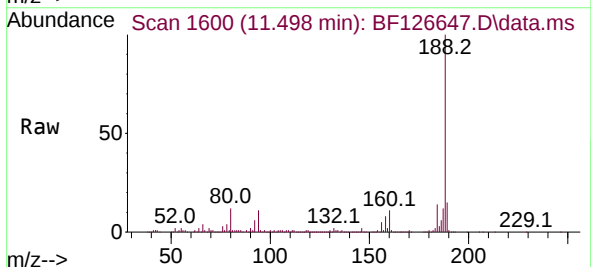
Instrument :
BNA_F
ClientSampleId :
AMI-1

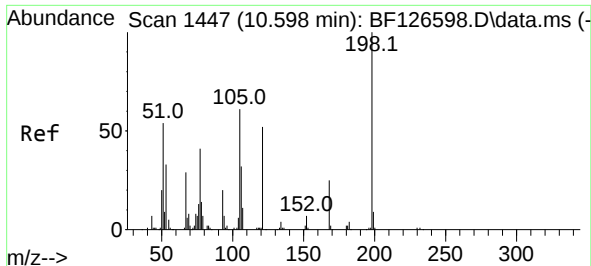
Tgt Ion:165 Resp: 29171
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 2.0 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BF126647.D
Acq: 24 Jan 2022 18:58

Tgt Ion:188 Resp: 371314
Ion Ratio Lower Upper
188 100
94 11.0 10.1 15.1
80 12.4 11.8 17.6

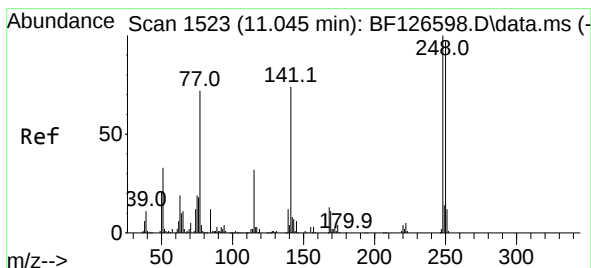
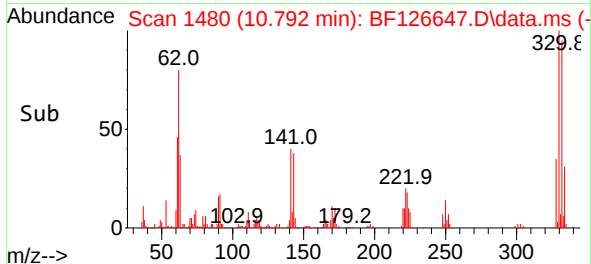
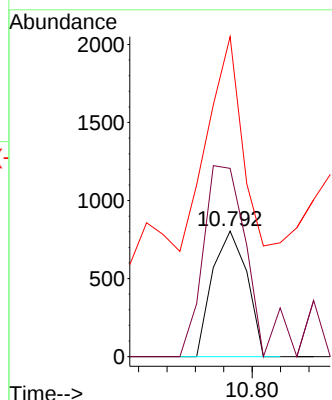
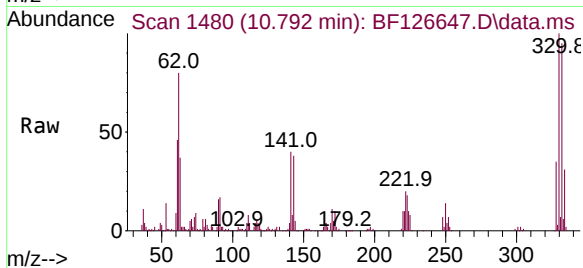




#65
4,6-Dinitro-2-methylphenol
Concen: 7.695 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126647.D
Acq: 24 Jan 2022 18:58

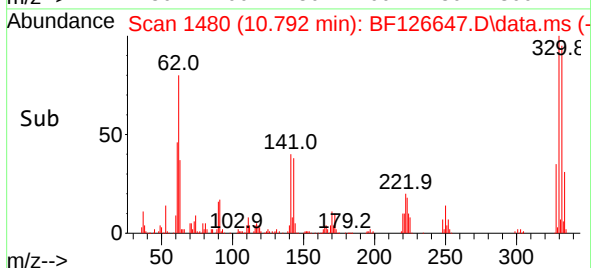
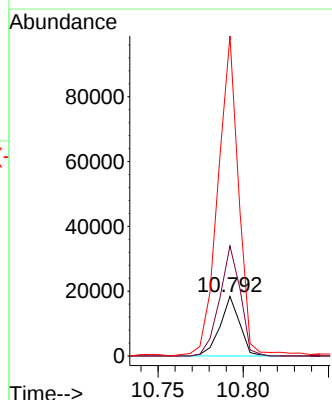
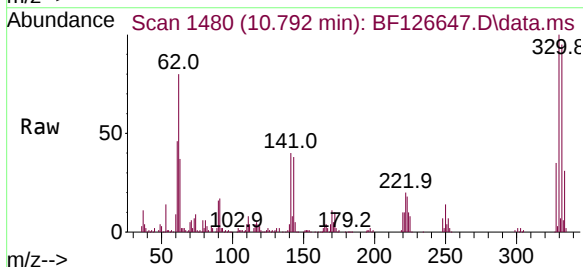
Instrument :
BNA_F
ClientSampleId :
AMI-1

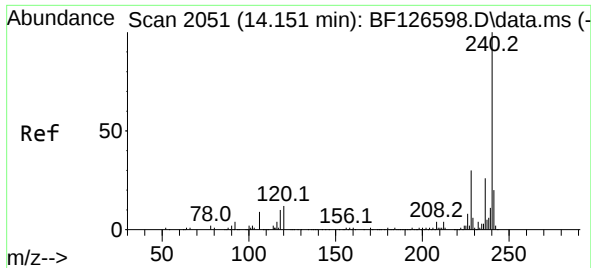
Tgt Ion:198 Resp: 679
Ion Ratio Lower Upper
198 100
51 150.0 32.0 72.0#
105 255.0 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 3.442 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.253 min
Lab File: BF126647.D
Acq: 24 Jan 2022 18:58

Tgt Ion:248 Resp: 14730
Ion Ratio Lower Upper
248 100
250 185.2 76.2 114.4#
141 538.3 66.2 99.4#

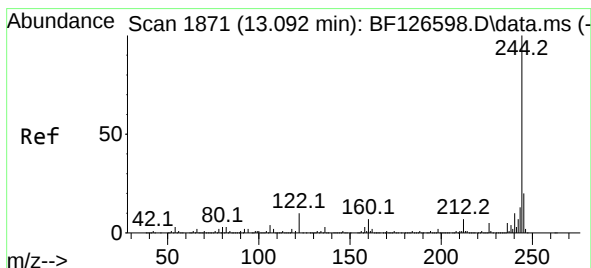
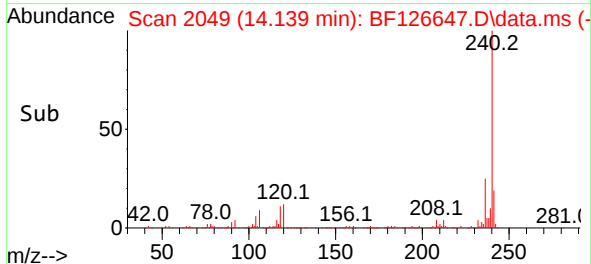
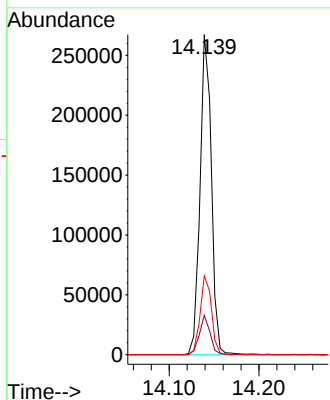
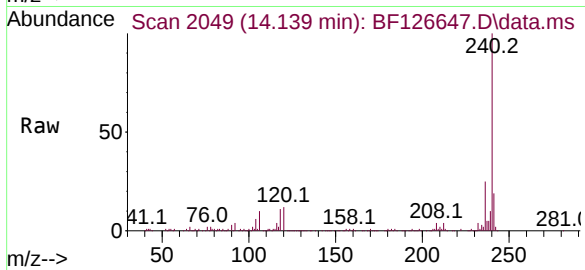




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.012 min
Lab File: BF126647.D
Acq: 24 Jan 2022 18:58

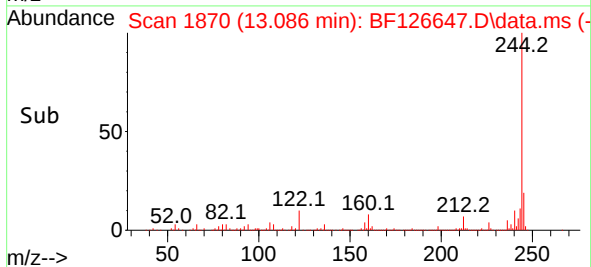
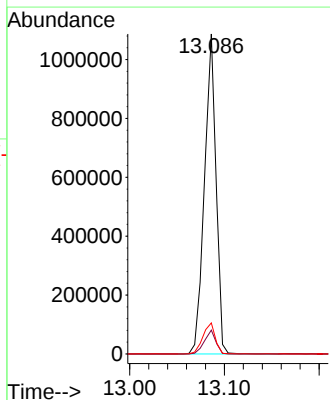
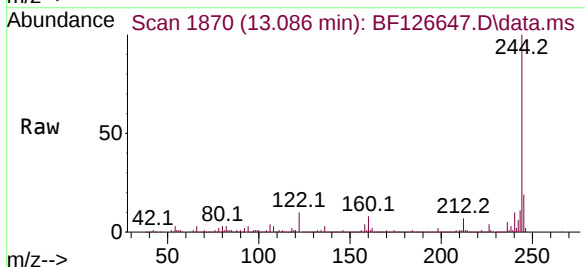
Instrument :
BNA_F
ClientSampleId :
AMI-1

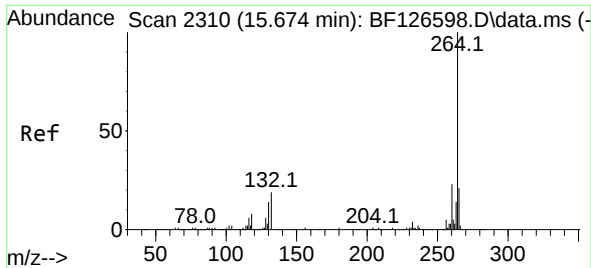
Tgt Ion:240 Resp: 234254
Ion Ratio Lower Upper
240 100
120 12.3 14.4 21.6#
236 24.7 20.5 30.7



#79
Terphenyl-d14
Concen: 65.950 ng
RT: 13.086 min Scan# 1870
Delta R.T. -0.006 min
Lab File: BF126647.D
Acq: 24 Jan 2022 18:58

Tgt Ion:244 Resp: 921087
Ion Ratio Lower Upper
244 100
212 7.5 5.0 7.4#
122 9.7 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: BF126647.D
 Acq: 24 Jan 2022 18:58

Instrument :
 BNA_F
 ClientSampleId :
 AMI-1

Tgt Ion:264	Resp:	224107
Ion	Ratio	Lower Upper
264	100	
260	23.4	19.2 28.8
265	21.2	17.4 26.2

