

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
 Data File : BF126660.D
 Acq On : 25 Jan 2022 13:48
 Operator : CG/JU
 Sample : N1235-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Jan 26 00:20:27 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)

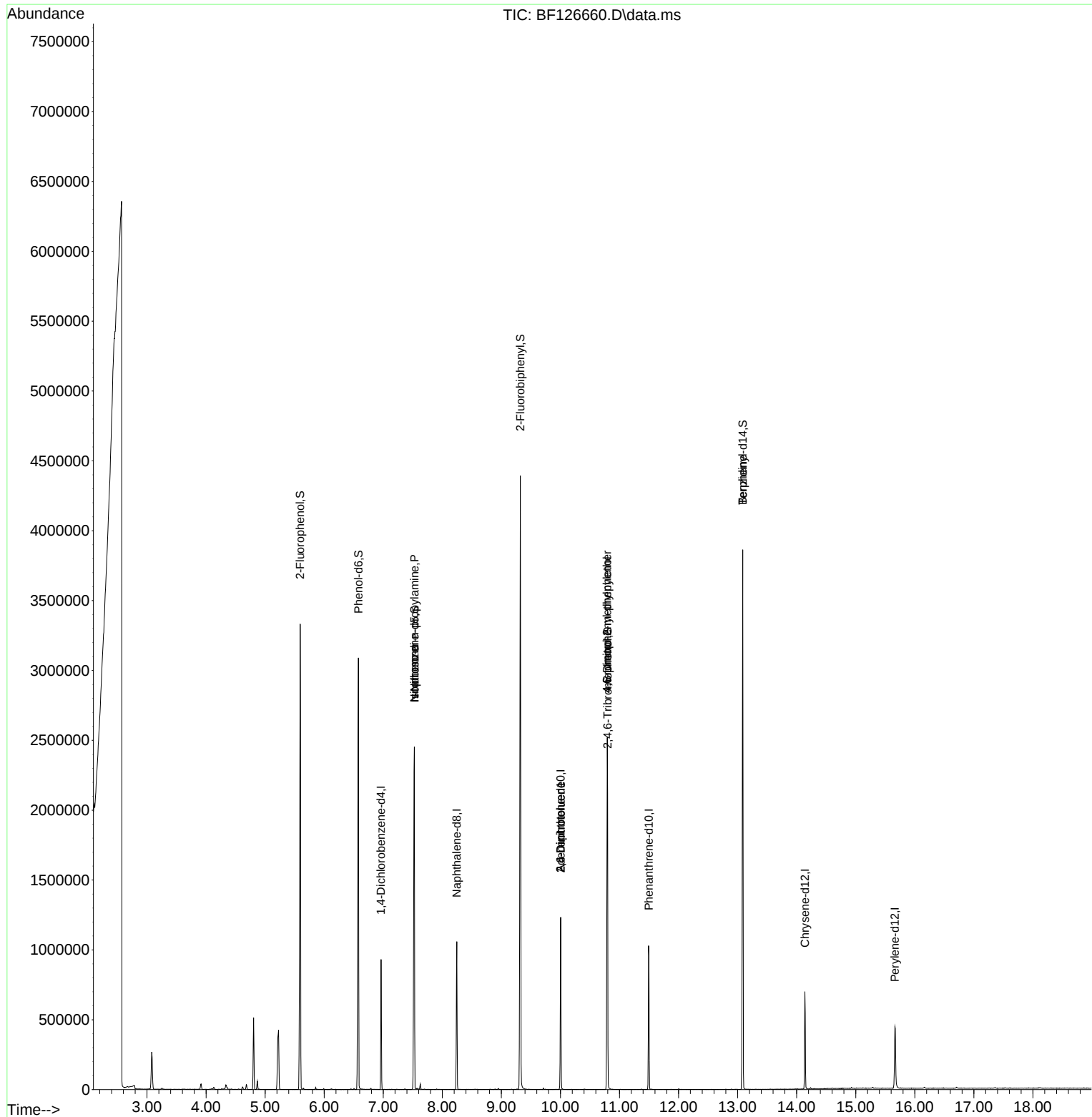
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	104977	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	411026	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	221739	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	350986	20.000	ng	# 0.00
76) Chrysene-d12	14.139	240	227611	20.000	ng	#-0.01
86) Perylene-d12	15.662	264	224222	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	904881	113.428	ng	0.01
7) Phenol-d6	6.581	99	1096778	98.952	ng	0.00
23) Nitrobenzene-d5	7.528	82	988365	94.120	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	275960	132.984	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1270375	87.742	ng	0.00
79) Terphenyl-d14	13.086	244	1207722	88.997	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.581	77	2053	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.528	70	136619	16.888	ng	# 69
25) Isophorone	7.528	82	988355	48.532	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	28730	10.572	ng	# 22
57) 2,4-Dinitrotoluene	10.004	165	28730	8.724	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.792	198	659	7.704	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	17722	4.381	ng	# 1
77) Benzidine	13.086	184	16220	2.066	ng	# 94

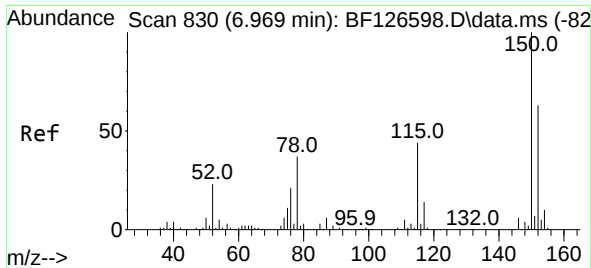
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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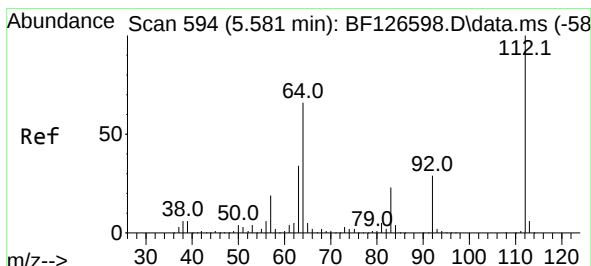
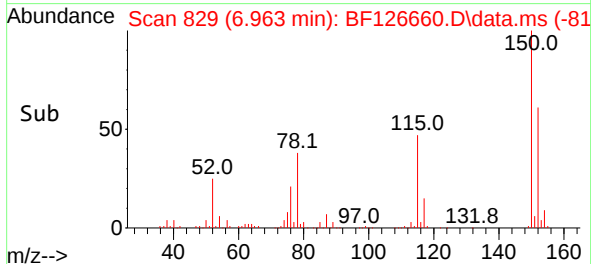
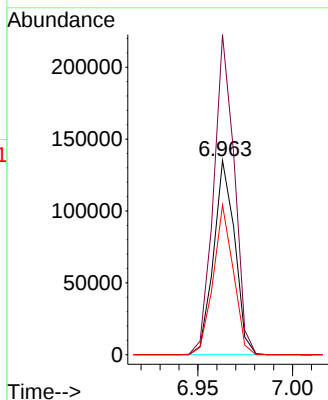
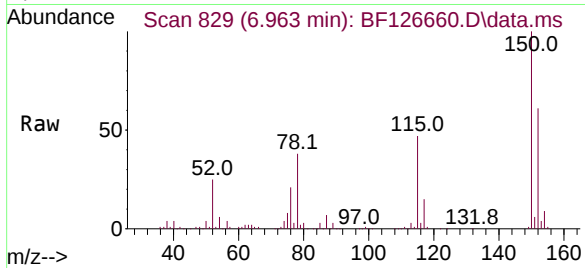




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126660.D
Acq: 25 Jan 2022 13:48

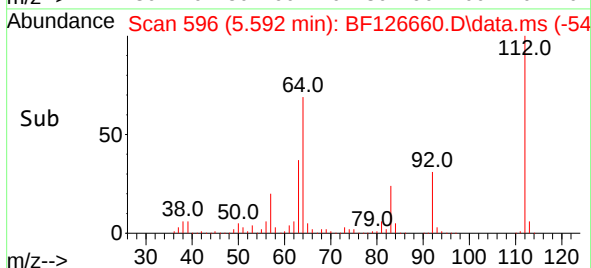
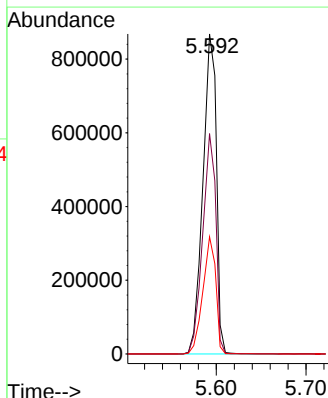
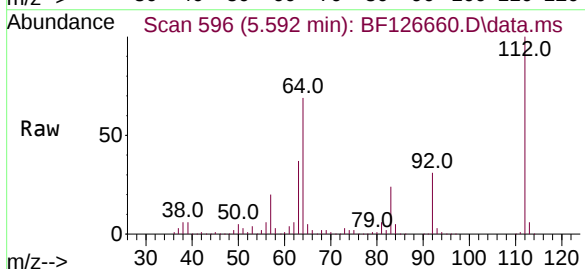
Instrument :
BNA_F
ClientSampleId :
TP-1

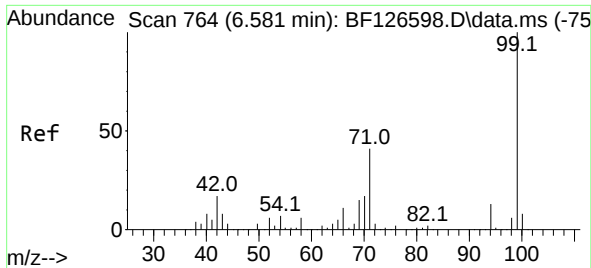
Tgt Ion:152 Resp: 104977
Ion Ratio Lower Upper
152 100
150 164.8 128.1 192.1
115 77.1 56.7 85.1



#5
2-Fluorophenol
Concen: 113.428 ng
RT: 5.592 min Scan# 596
Delta R.T. 0.012 min
Lab File: BF126660.D
Acq: 25 Jan 2022 13:48

Tgt Ion:112 Resp: 904881
Ion Ratio Lower Upper
112 100
64 68.9 49.5 74.3
63 36.6 23.9 35.9#

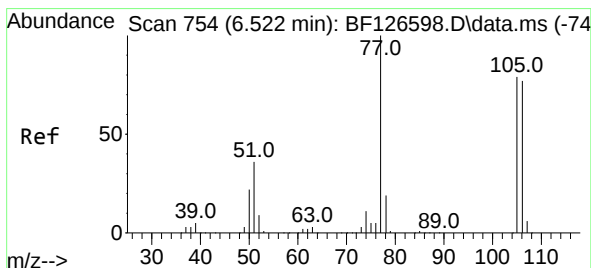
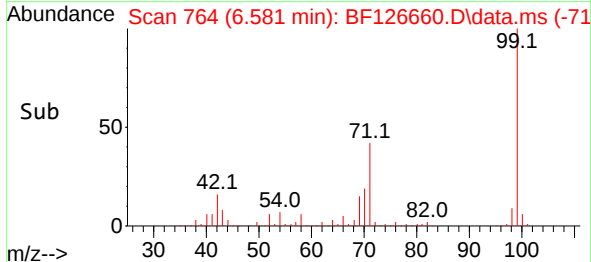
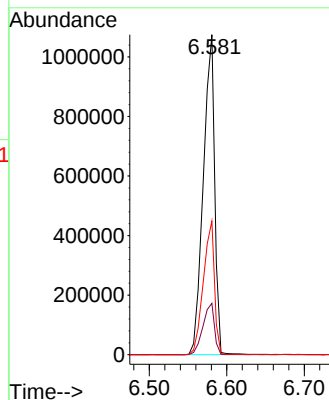
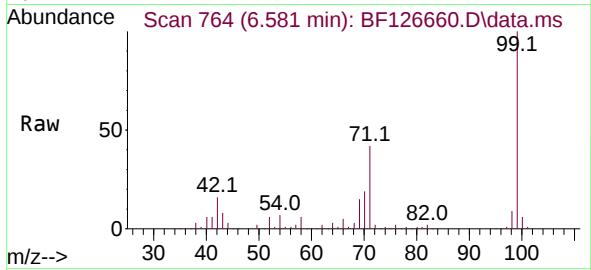




#7
Phenol-d6
Concen: 98.952 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF126660.D
Acq: 25 Jan 2022 13:48

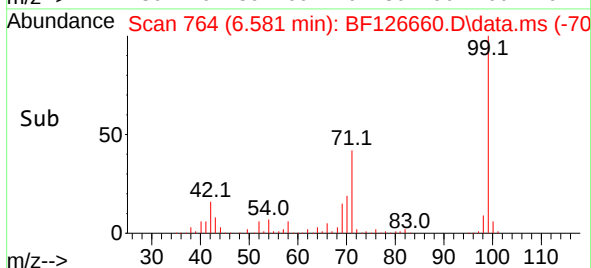
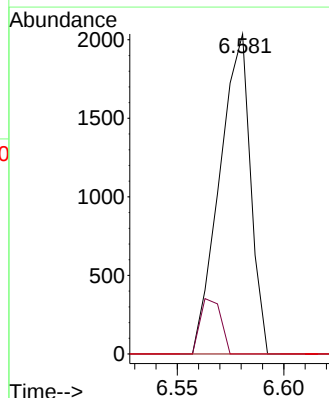
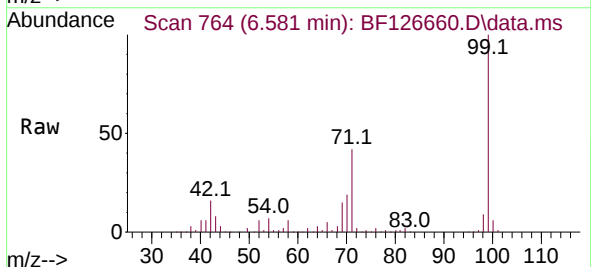
Instrument :
BNA_F
ClientSampleId :
TP-1

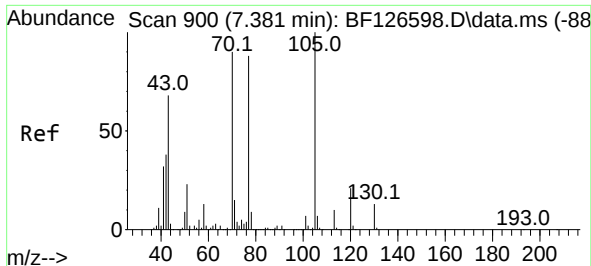
Tgt Ion: 99 Resp: 1096778
Ion Ratio Lower Upper
99 100
42 16.1 14.2 21.4
71 41.8 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.581 min Scan# 764
Delta R.T. 0.059 min
Lab File: BF126660.D
Acq: 25 Jan 2022 13:48

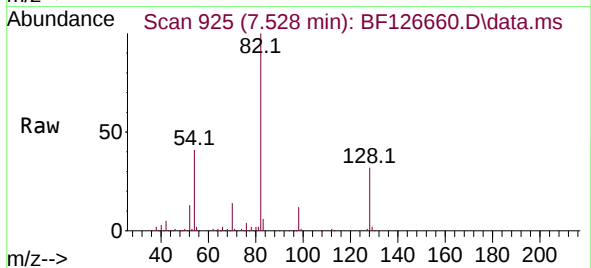
Tgt Ion: 77 Resp: 2053
Ion Ratio Lower Upper
77 100
105 0.0 74.9 114.9#
106 0.0 72.4 112.4#



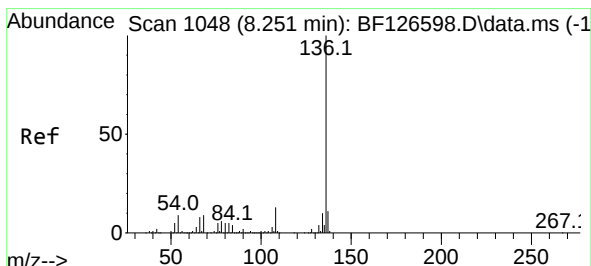
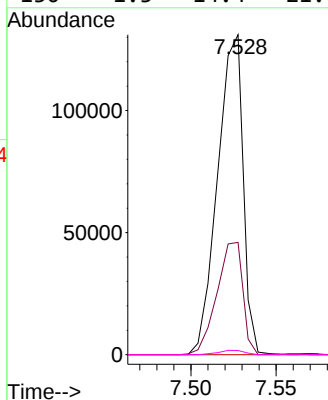
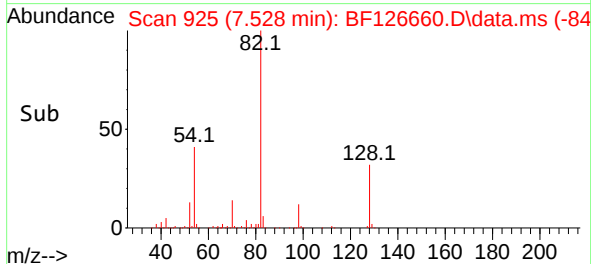


#19
n-Nitroso-di-n-propylamine
Concen: 16.888 ng
RT: 7.528 min Scan# 91
Delta R.T. 0.147 min
Lab File: BF126660.D
Acq: 25 Jan 2022 13:48

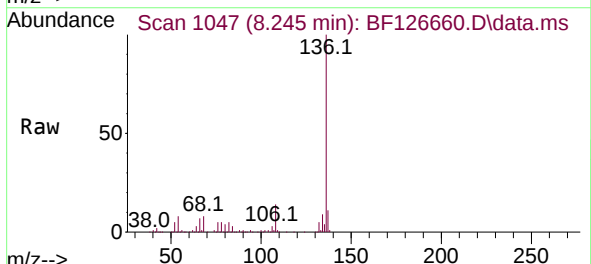
Instrument :
BNA_F
ClientSampleId :
TP-1



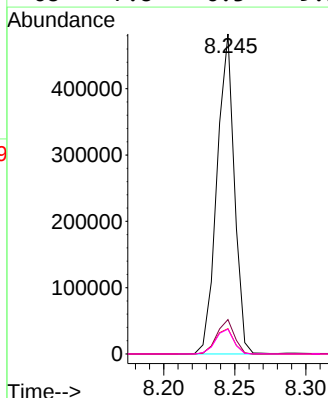
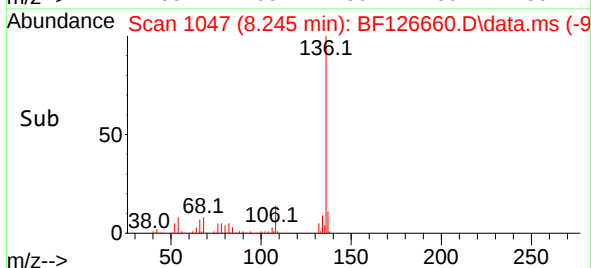
Tgt Ion: 70 Resp: 136619
Ion Ratio Lower Upper
70 100
42 35.1 45.8 68.8#
101 0.0 6.9 10.3#
130 1.3 14.4 21.6#

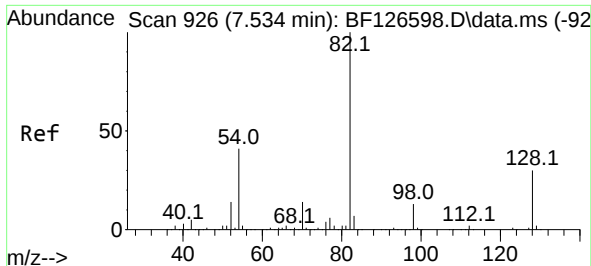


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF126660.D
Acq: 25 Jan 2022 13:48



Tgt Ion: 136 Resp: 411026
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.9 7.8 11.6
68 7.8 6.3 9.5

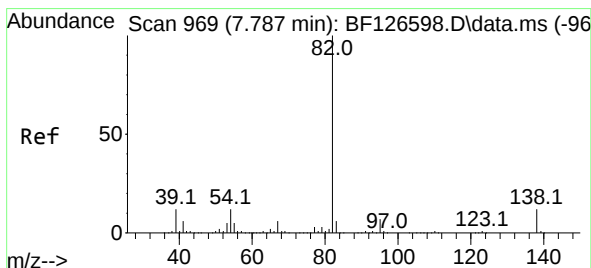
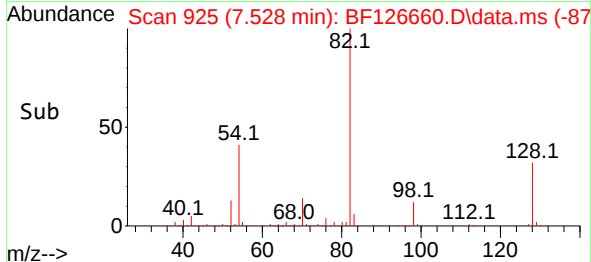
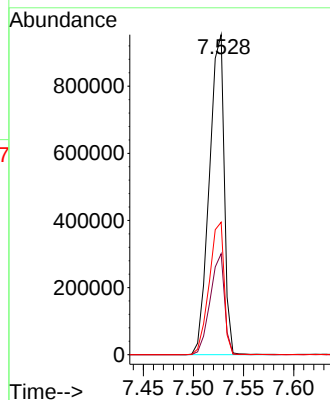
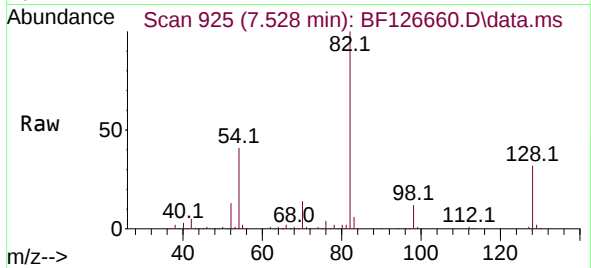




#23
Nitrobenzene-d5
Concen: 94.120 ng
RT: 7.528 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF126660.D
Acq: 25 Jan 2022 13:48

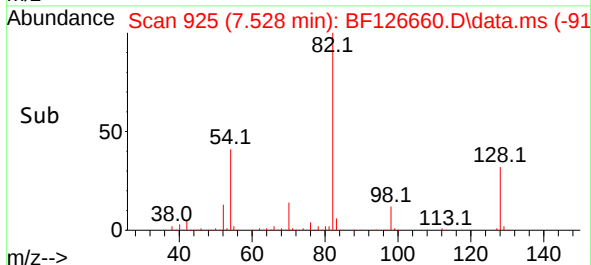
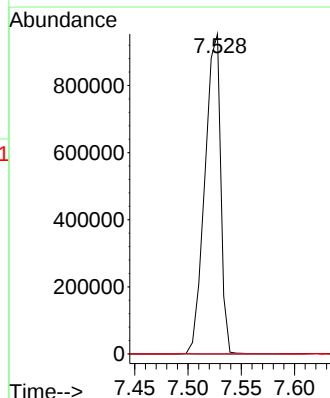
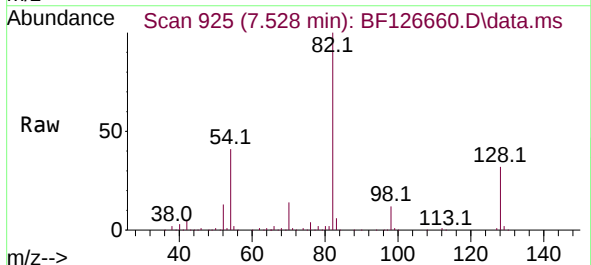
Instrument :
BNA_F
ClientSampleId :
TP-1

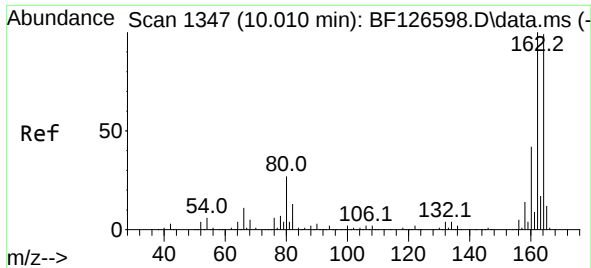
Tgt Ion: 82 Resp: 988365
Ion Ratio Lower Upper
82 100
128 31.6 32.7 49.1#
54 41.4 41.7 62.5#



#25
Isophorone
Concen: 48.532 ng
RT: 7.528 min Scan# 925
Delta R.T. -0.259 min
Lab File: BF126660.D
Acq: 25 Jan 2022 13:48

Tgt Ion: 82 Resp: 988355
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

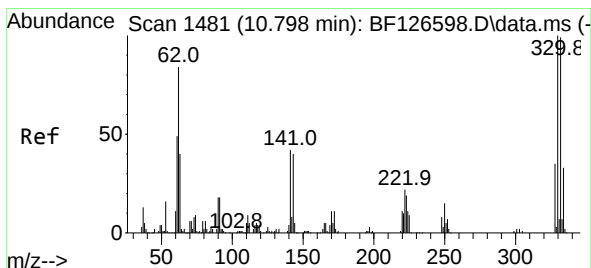
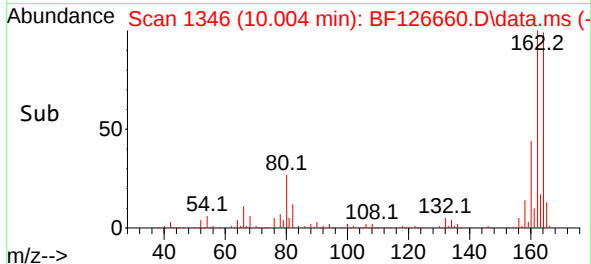
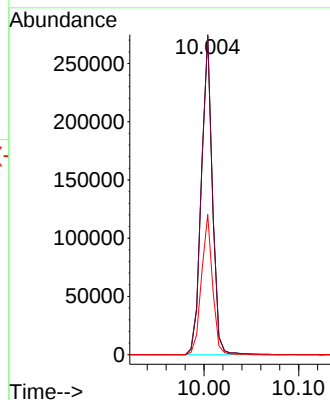
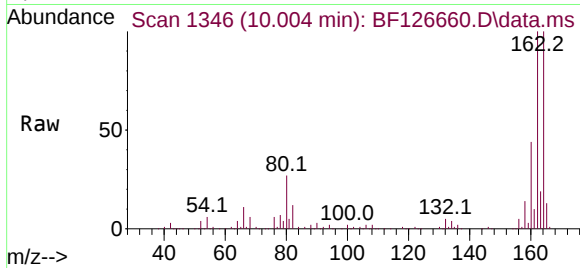




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126660.D
Acq: 25 Jan 2022 13:48

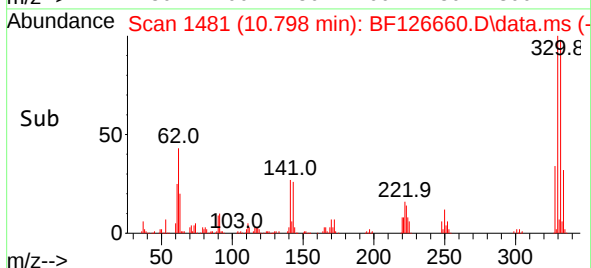
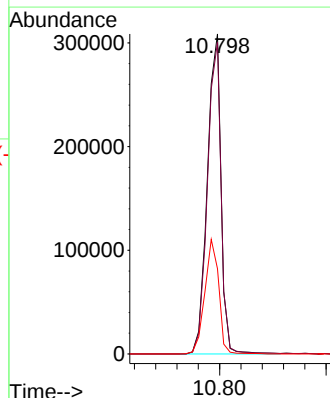
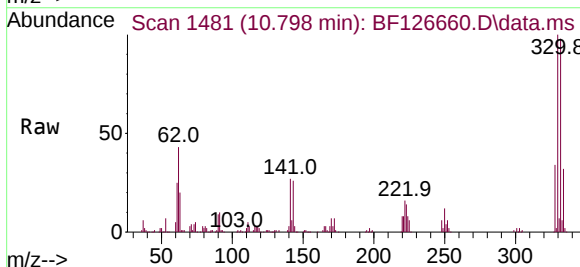
Instrument :
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ClientSampleId :
TP-1

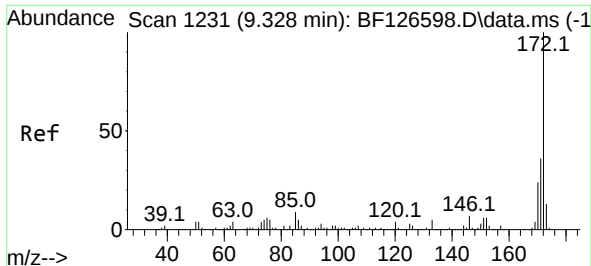
Tgt Ion:164 Resp: 221739
Ion Ratio Lower Upper
164 100
162 100.4 81.4 122.0
160 44.0 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 132.984 ng
RT: 10.798 min Scan# 1481
Delta R.T. -0.000 min
Lab File: BF126660.D
Acq: 25 Jan 2022 13:48

Tgt Ion:330 Resp: 275960
Ion Ratio Lower Upper
330 100
332 97.6 76.0 114.0
141 36.6 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 87.742 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126660.D

Acq: 25 Jan 2022 13:48

Instrument :

BNA_F

ClientSampleId :

TP-1

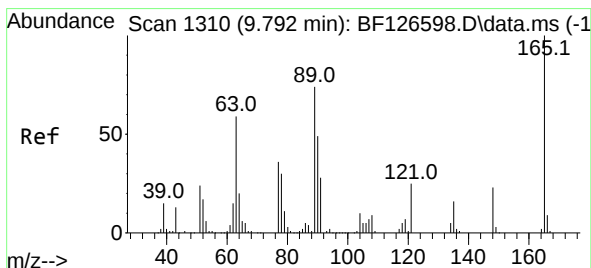
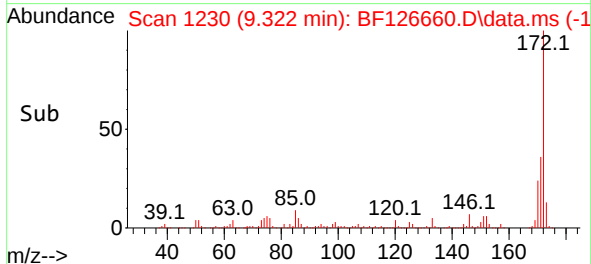
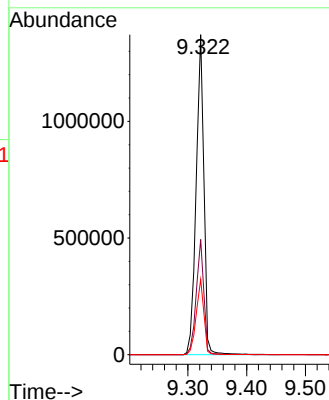
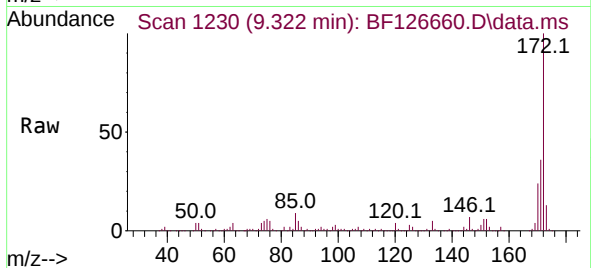
Tgt Ion:172 Resp: 1270375

Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

170 23.5 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.572 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF126660.D

Acq: 25 Jan 2022 13:48

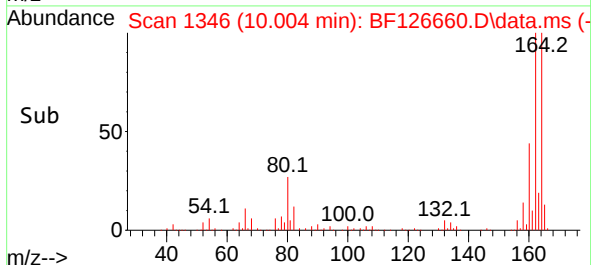
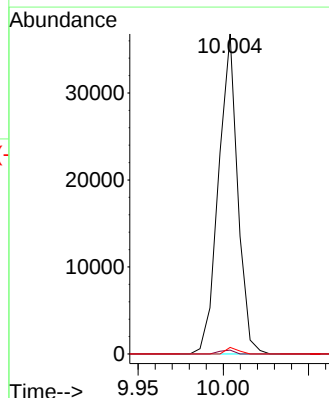
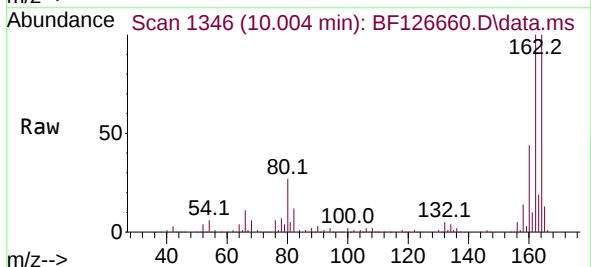
Tgt Ion:165 Resp: 28730

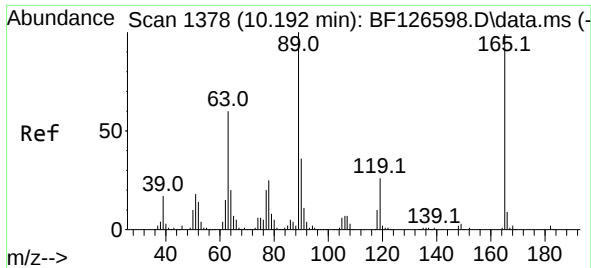
Ion Ratio Lower Upper

165 100

63 1.2 48.4 72.6#

89 2.0 50.5 75.7#

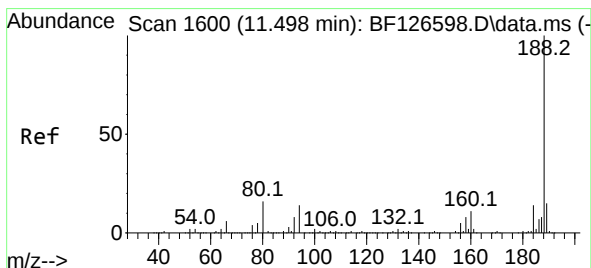
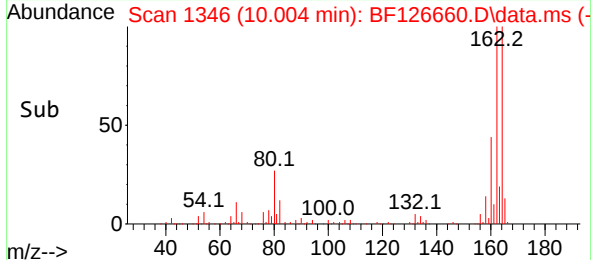
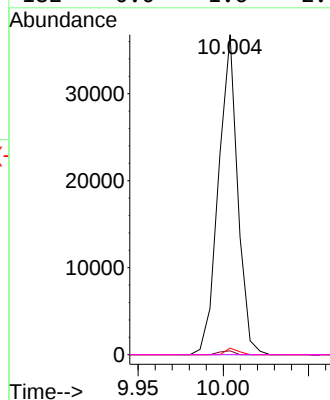
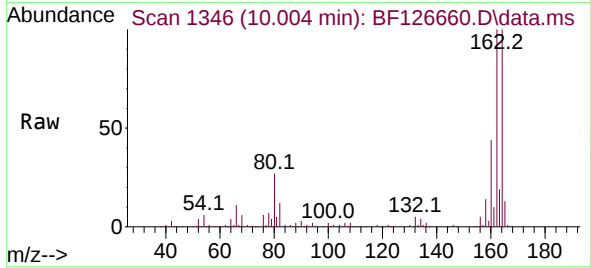




#57
2,4-Dinitrotoluene
Concen: 8.724 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126660.D
Acq: 25 Jan 2022 13:48

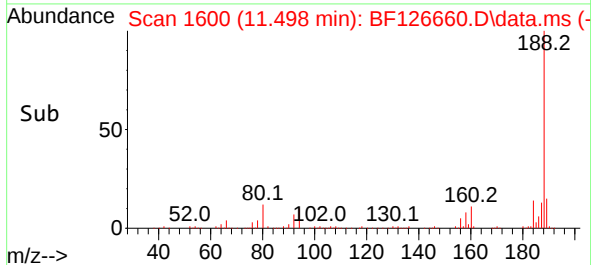
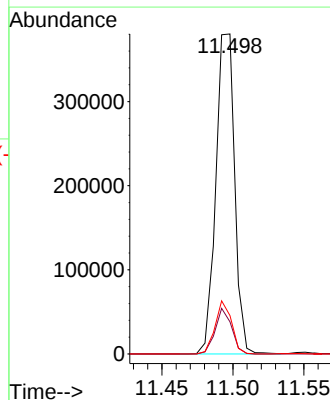
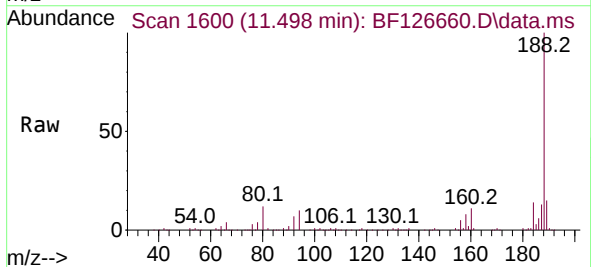
Instrument :
BNA_F
ClientSampleId :
TP-1

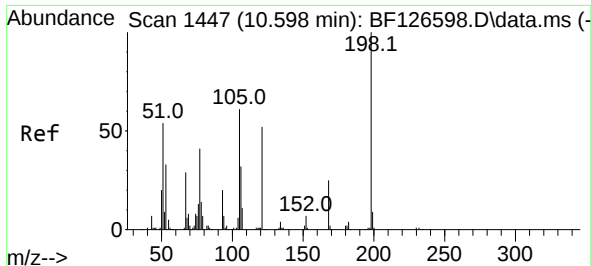
Tgt Ion:165 Resp: 28730
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 2.0 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. -0.000 min
Lab File: BF126660.D
Acq: 25 Jan 2022 13:48

Tgt Ion:188 Resp: 350986
Ion Ratio Lower Upper
188 100
94 10.1 10.1 15.1#
80 12.0 11.8 17.6

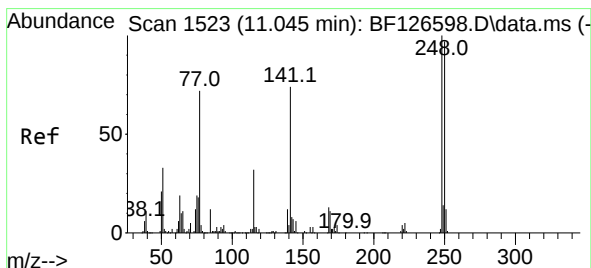
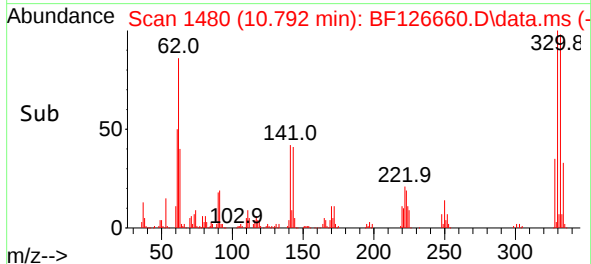
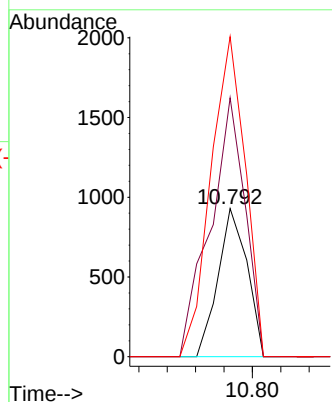
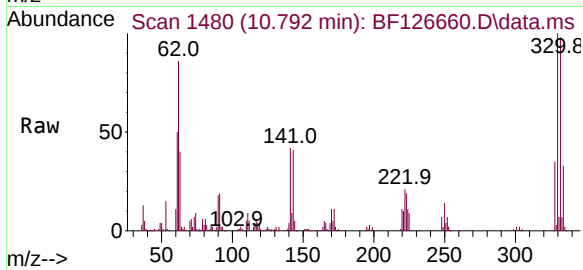




#65
4,6-Dinitro-2-methylphenol
Concen: 7.704 ng
RT: 10.792 min Scan# 1447
Delta R.T. 0.194 min
Lab File: BF126660.D
Acq: 25 Jan 2022 13:48

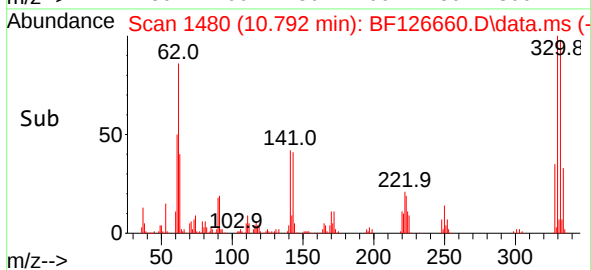
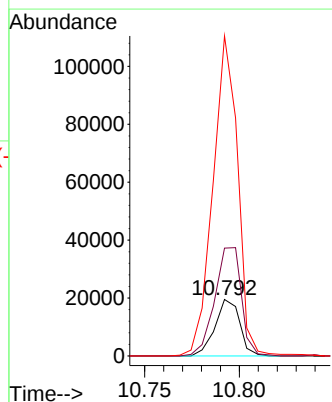
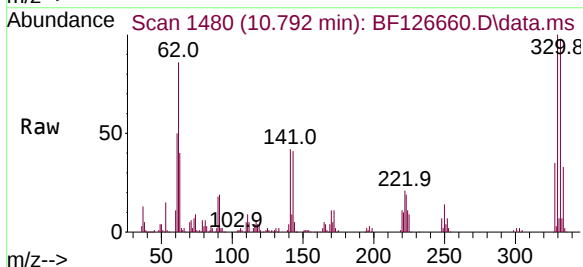
Instrument :
BNA_F
ClientSampleId :
TP-1

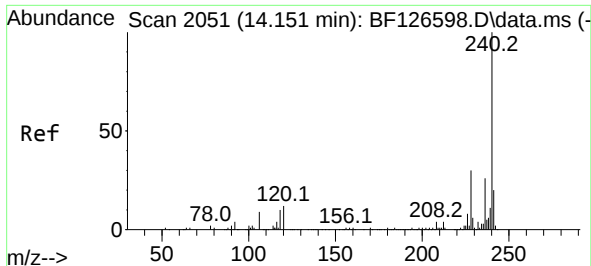
Tgt Ion:198 Resp: 659
Ion Ratio Lower Upper
198 100
51 174.8 32.0 72.0#
105 216.0 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 4.381 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.253 min
Lab File: BF126660.D
Acq: 25 Jan 2022 13:48

Tgt Ion:248 Resp: 17722
Ion Ratio Lower Upper
248 100
250 191.0 76.2 114.4#
141 566.7 66.2 99.4#

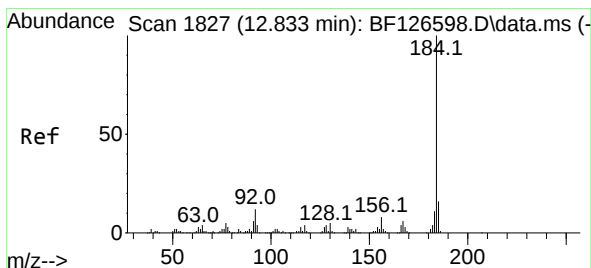
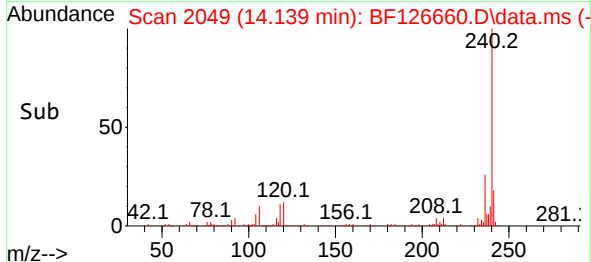
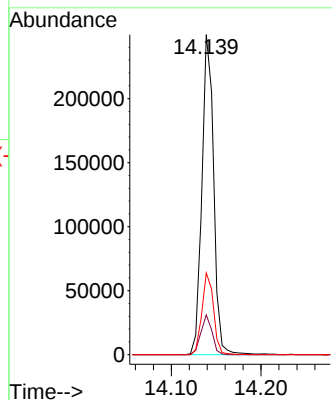
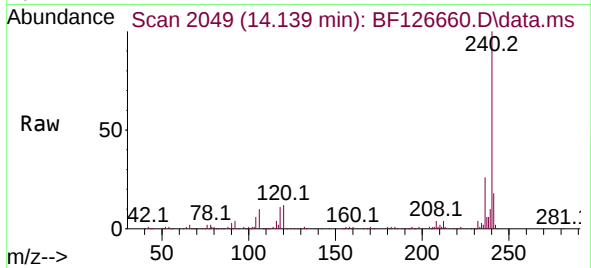




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2051
Delta R.T. -0.012 min
Lab File: BF126660.D
Acq: 25 Jan 2022 13:48

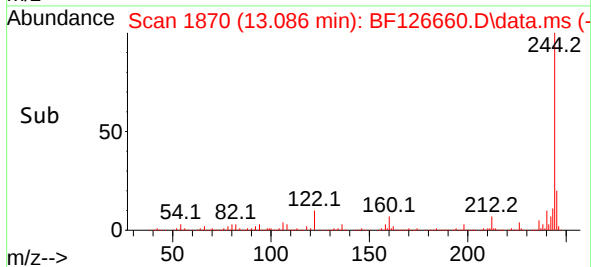
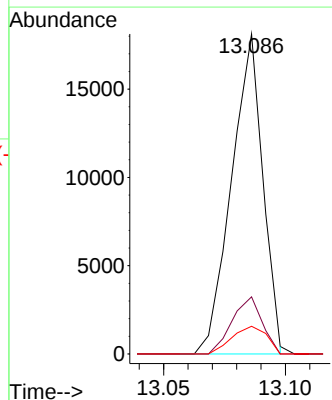
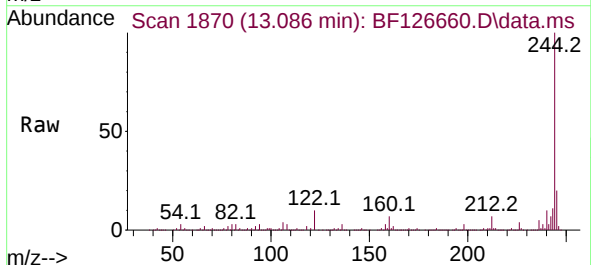
Instrument :
BNA_F
ClientSampleId :
TP-1

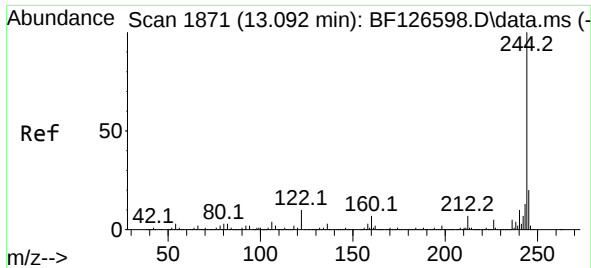
Tgt Ion:240 Resp: 227611
Ion Ratio Lower Upper
240 100
120 12.5 14.4 21.6#
236 25.6 20.5 30.7



#77
Benzidine
Concen: 2.066 ng
RT: 13.086 min Scan# 1870
Delta R.T. 0.253 min
Lab File: BF126660.D
Acq: 25 Jan 2022 13:48

Tgt Ion:184 Resp: 16220
Ion Ratio Lower Upper
184 100
185 17.8 11.8 17.8#
183 8.7 8.2 12.2

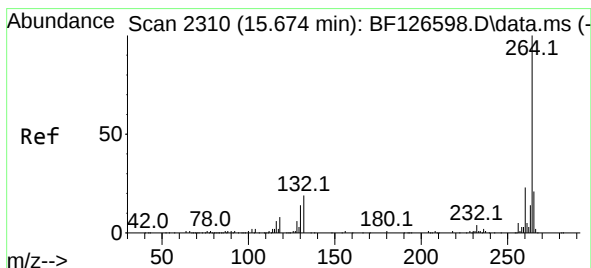
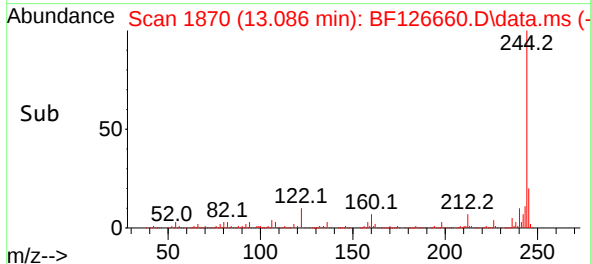
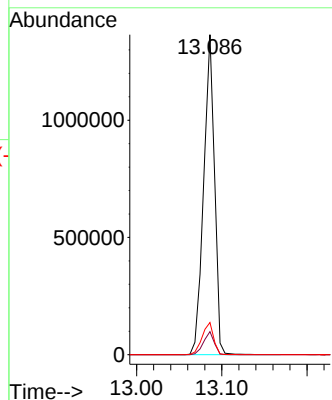
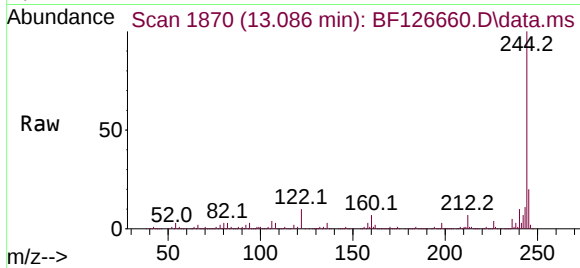




#79
 Terphenyl-d14
 Concen: 88.997 ng
 RT: 13.086 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126660.D
 Acq: 25 Jan 2022 13:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Tgt Ion:244 Resp: 1207722
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.0 7.4
 122 10.1 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.662 min Scan# 2308
 Delta R.T. -0.012 min
 Lab File: BF126660.D
 Acq: 25 Jan 2022 13:48

Tgt Ion:264 Resp: 224222
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 20.1 17.4 26.2

