

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
 Data File : BF126669.D
 Acq On : 25 Jan 2022 17:50
 Operator : CG/JU
 Sample : N1250-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Quant Time: Jan 26 00:22:11 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)

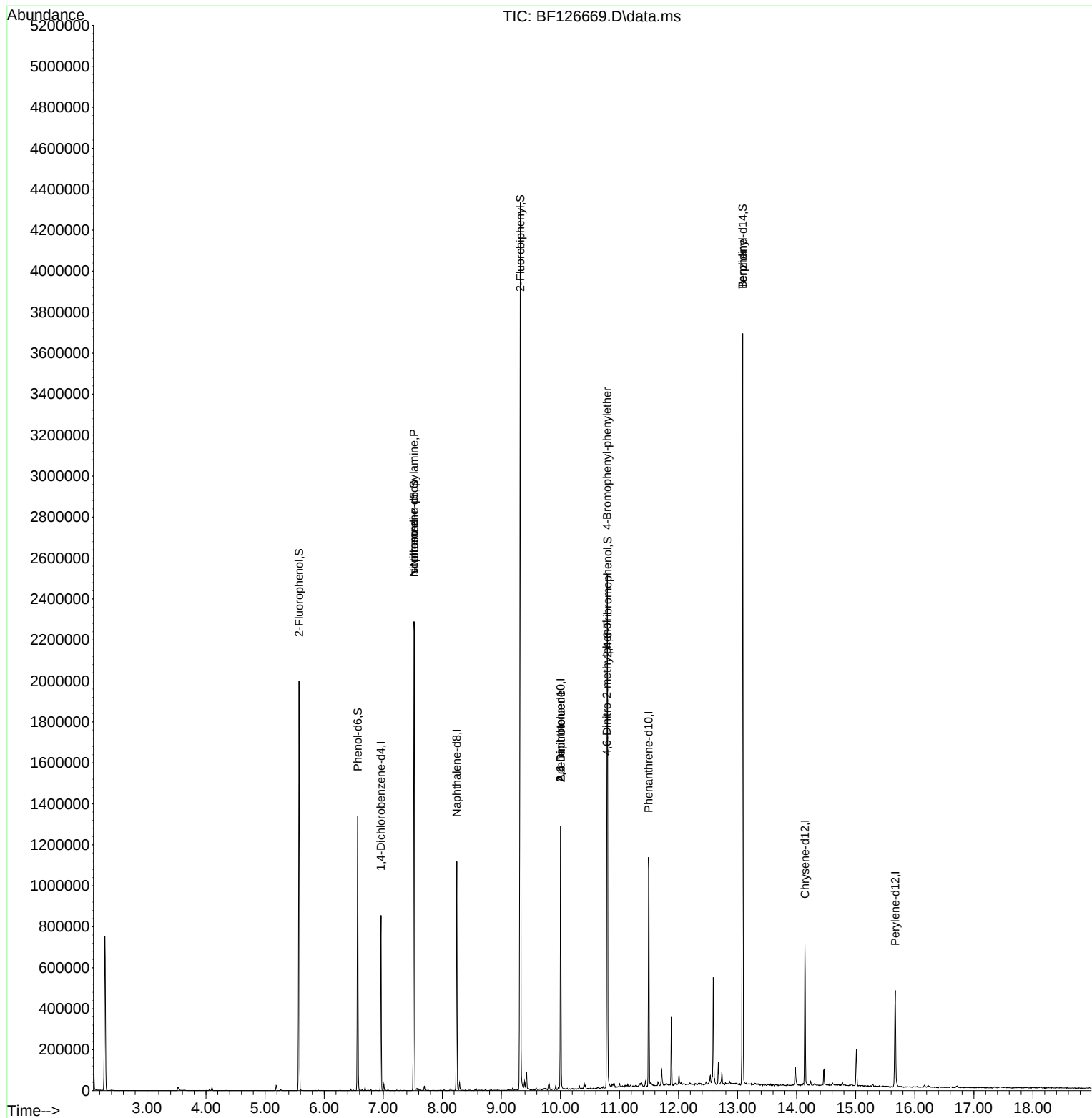
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.963	152	109496	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	428927	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	230739	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	386666	20.000	ng	0.00
76) Chrysene-d12	14.139	240	224983	20.000	ng	#-0.01
86) Perylene-d12	15.668	264	214916	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.575	112	471708	56.689	ng	0.00
7) Phenol-d6	6.569	99	398099	34.435	ng	-0.01
23) Nitrobenzene-d5	7.522	82	968202	88.352	ng	-0.01
42) 2,4,6-Tribromophenol	10.798	330	267762	124.001	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1258041	83.501	ng	0.00
79) Terphenyl-d14	13.086	244	1149371	85.686	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.569	77	840	Below Cal	#	3
19) n-Nitroso-di-n-propyla...	7.522	70	134141	15.898	ng	# 69
25) Isophorone	7.522	82	968184	45.557	ng	# 69
51) 2,6-Dinitrotoluene	10.004	165	29523	10.440	ng	# 21
57) 2,4-Dinitrotoluene	10.004	165	29523	8.615	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.786	198	682	7.684	ng	# 1
67) 4-Bromophenyl-phenylether	10.792	248	18411	4.131	ng	# 1
77) Benzidine	13.086	184	16385	2.111	ng	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012522\
Data File : BF126669.D
Acq On : 25 Jan 2022 17:50
Operator : CG/JU
Sample : N1250-03
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-2

Quant Time: Jan 26 00:22:11 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

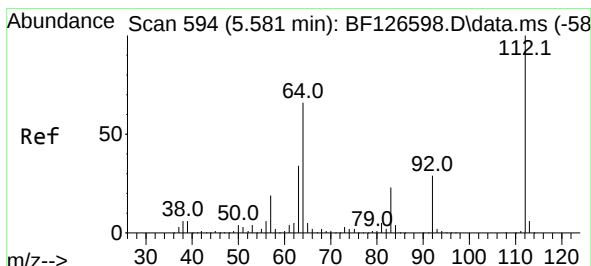
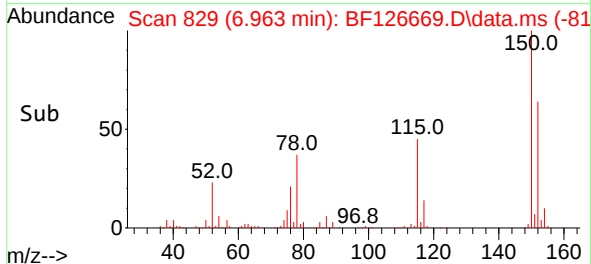
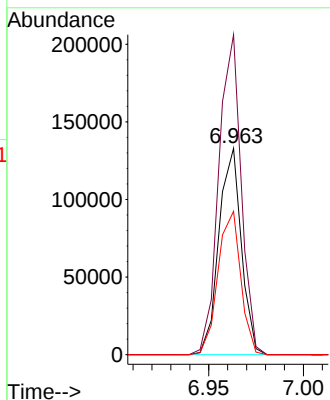
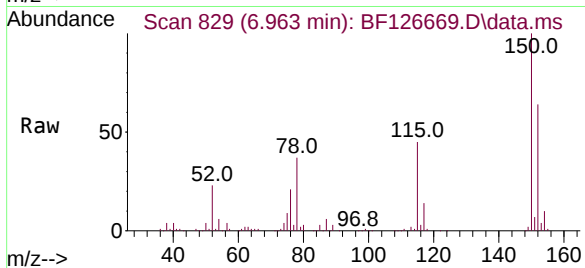




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126669.D
Acq: 25 Jan 2022 17:50

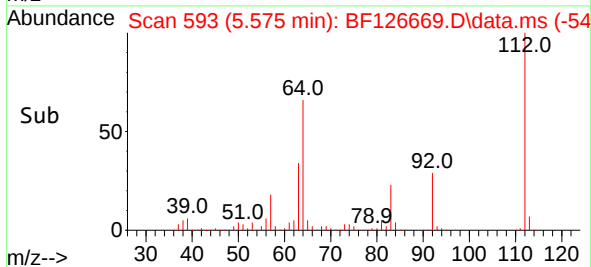
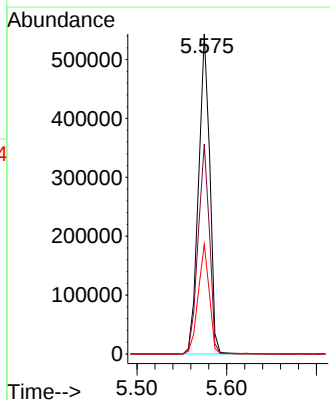
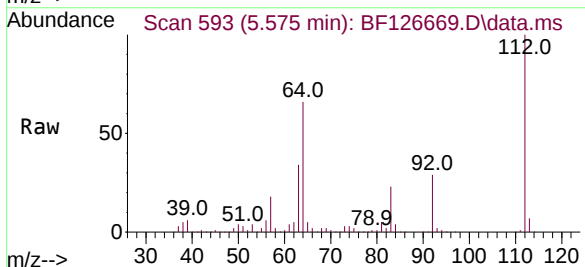
Instrument :
BNA_F
ClientSampleId :
MW-2

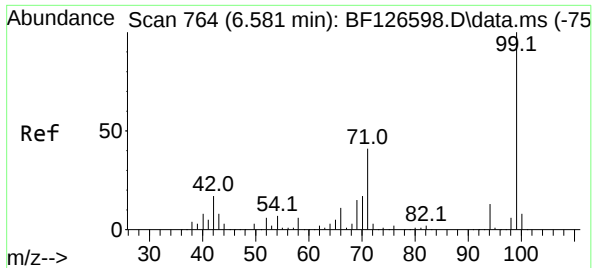
Tgt Ion:152 Resp: 109496
Ion Ratio Lower Upper
152 100
150 155.1 128.1 192.1
115 69.5 56.7 85.1



#5
2-Fluorophenol
Concen: 56.689 ng
RT: 5.575 min Scan# 593
Delta R.T. -0.006 min
Lab File: BF126669.D
Acq: 25 Jan 2022 17:50

Tgt Ion:112 Resp: 471708
Ion Ratio Lower Upper
112 100
64 65.6 49.5 74.3
63 34.3 23.9 35.9

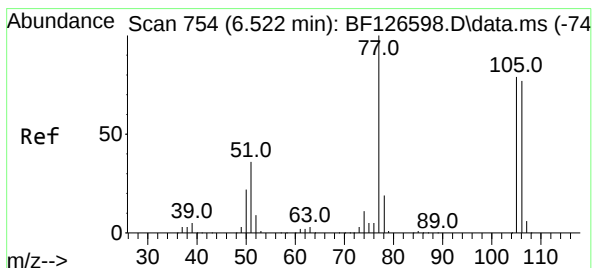
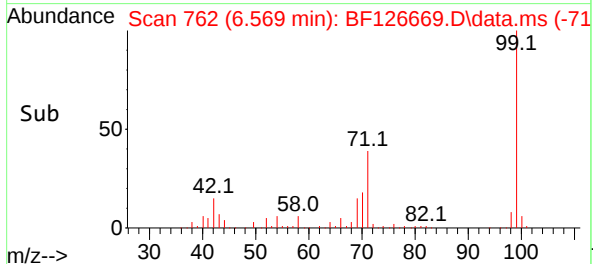
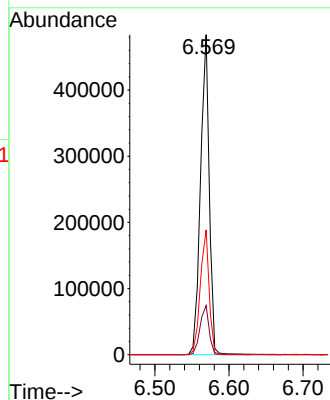
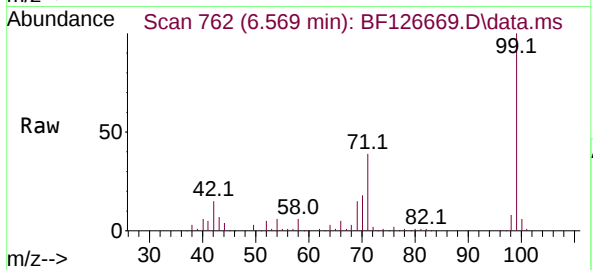




#7
Phenol-d6
Concen: 34.435 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.012 min
Lab File: BF126669.D
Acq: 25 Jan 2022 17:50

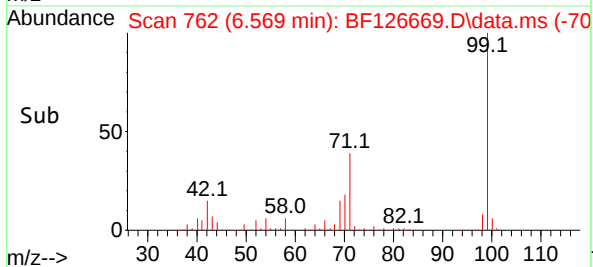
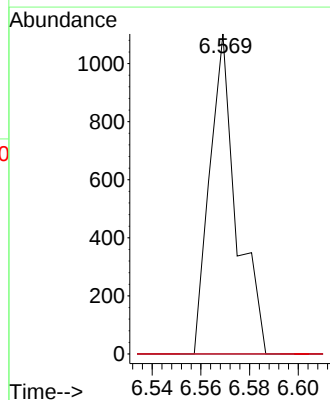
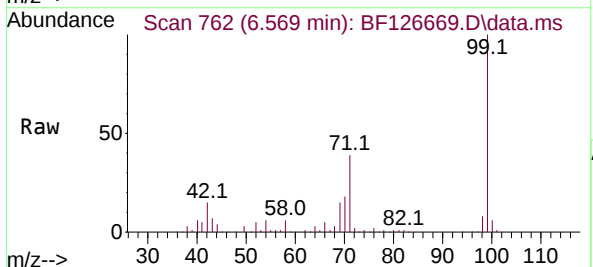
Instrument :
BNA_F
ClientSampleId :
MW-2

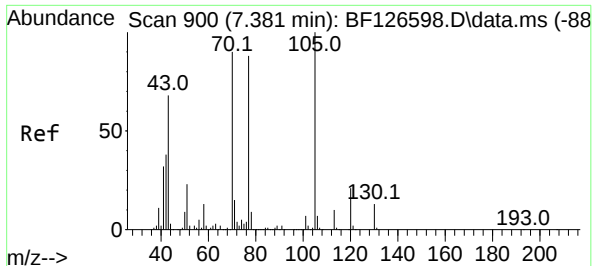
Tgt Ion: 99 Resp: 398099
Ion Ratio Lower Upper
99 100
42 15.3 14.2 21.4
71 39.0 24.3 36.5#



#9
Benzaldehyde
Concen: Below Cal
RT: 6.569 min Scan# 762
Delta R.T. 0.047 min
Lab File: BF126669.D
Acq: 25 Jan 2022 17:50

Tgt Ion: 77 Resp: 840
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: 15.898 ng

RT: 7.522 min Scan# 91

Delta R.T. 0.141 min

Lab File: BF126669.D

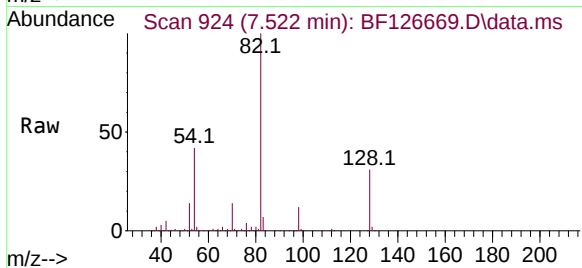
Acq: 25 Jan 2022 17:50

Instrument :

BNA_F

ClientSampleId :

MW-2



Tgt Ion: 70 Resp: 134141

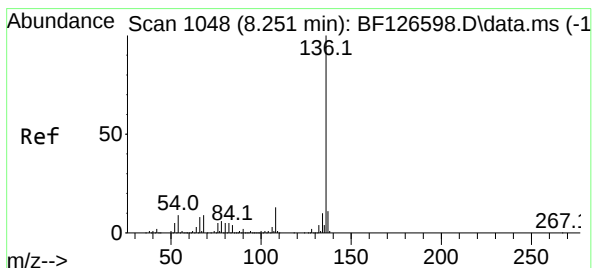
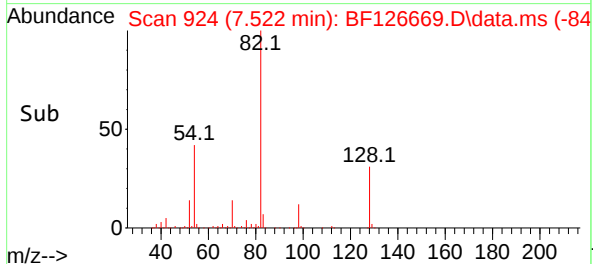
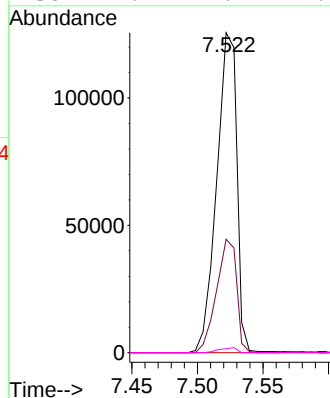
Ion Ratio Lower Upper

70 100

42 35.5 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: BF126669.D

Acq: 25 Jan 2022 17:50

Tgt Ion: 136 Resp: 428927

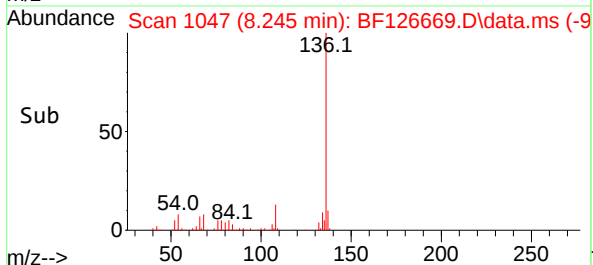
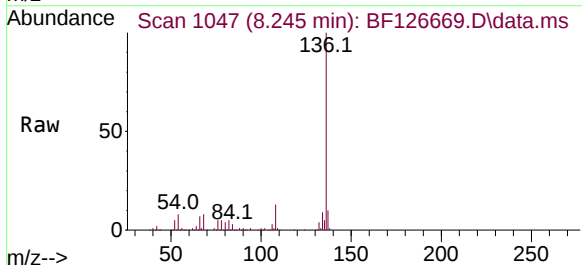
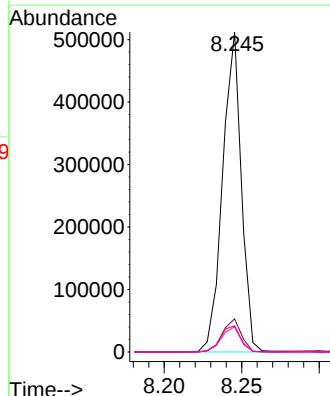
Ion Ratio Lower Upper

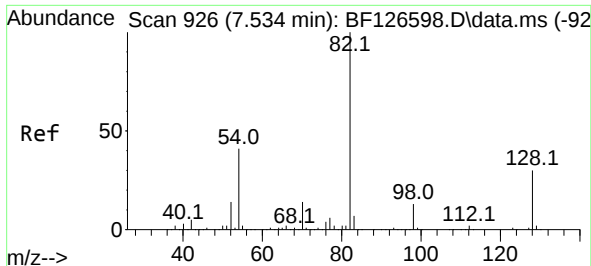
136 100

137 10.4 8.6 13.0

54 8.2 7.8 11.6

68 7.8 6.3 9.5

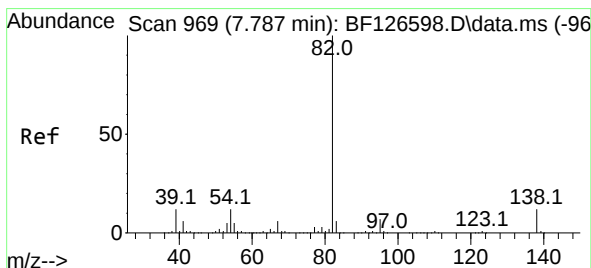
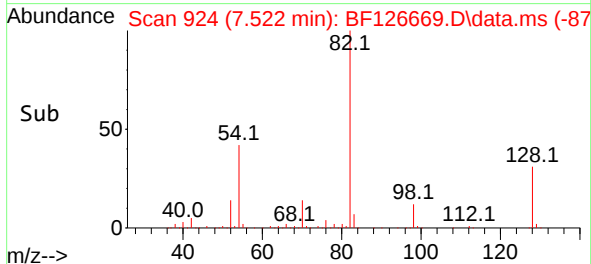
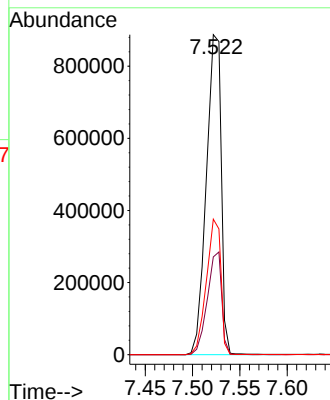
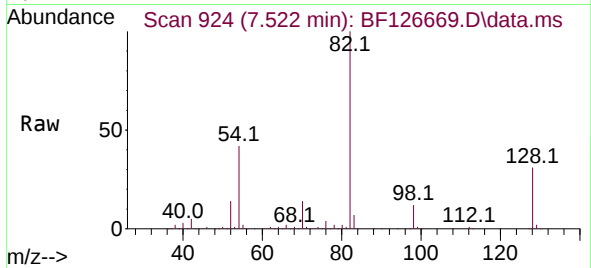




#23
Nitrobenzene-d5
Concen: 88.352 ng
RT: 7.522 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF126669.D
Acq: 25 Jan 2022 17:50

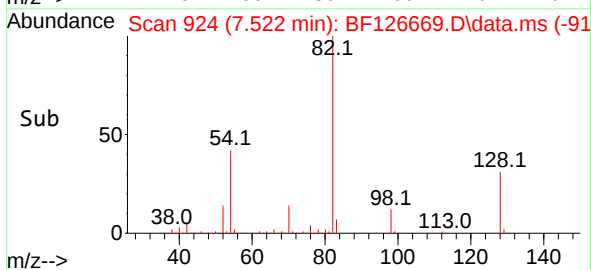
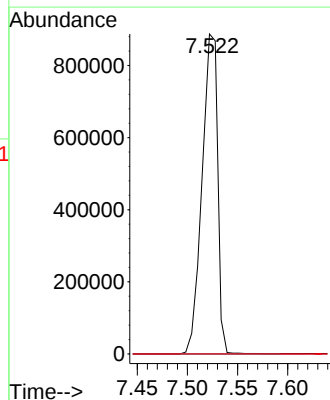
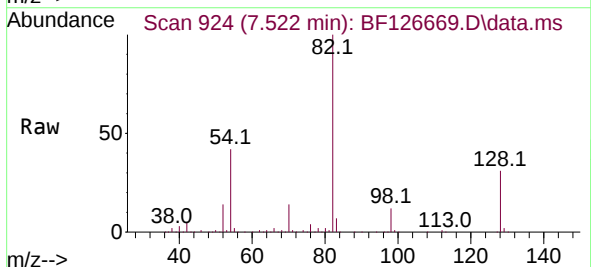
Instrument :
BNA_F
ClientSampleId :
MW-2

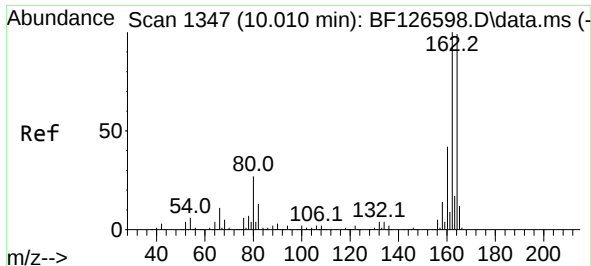
Tgt Ion: 82 Resp: 968202
Ion Ratio Lower Upper
82 100
128 30.6 32.7 49.1#
54 42.4 41.7 62.5



#25
Isophorone
Concen: 45.557 ng
RT: 7.522 min Scan# 924
Delta R.T. -0.265 min
Lab File: BF126669.D
Acq: 25 Jan 2022 17:50

Tgt Ion: 82 Resp: 968184
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#

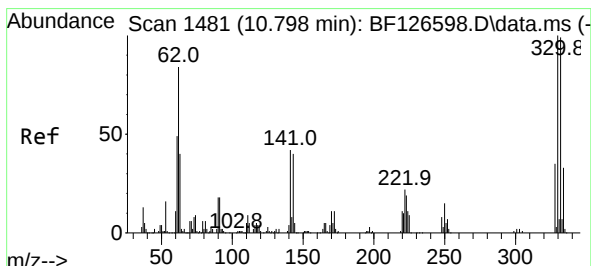
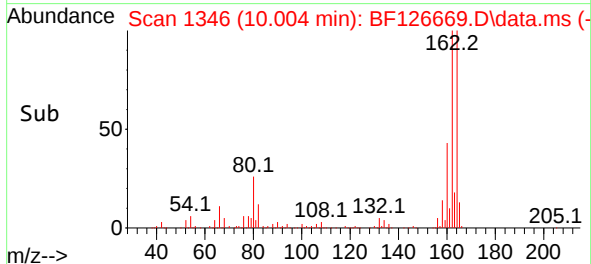
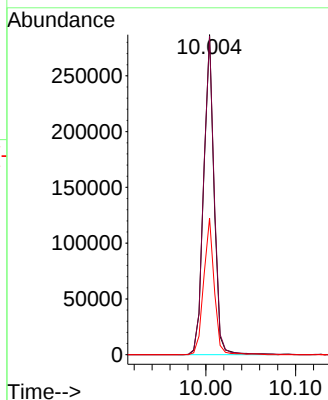
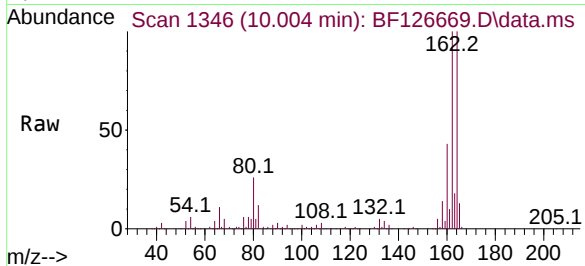




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126669.D
Acq: 25 Jan 2022 17:50

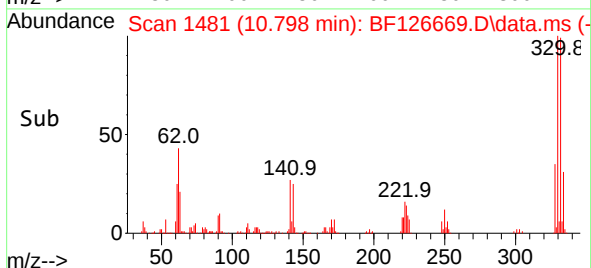
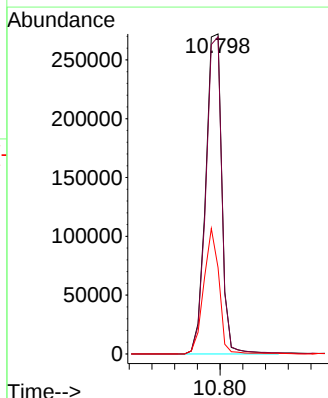
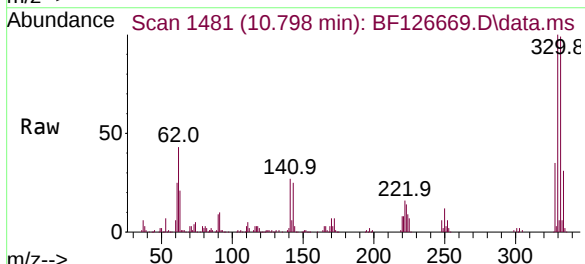
Instrument :
BNA_F
ClientSampleId :
MW-2

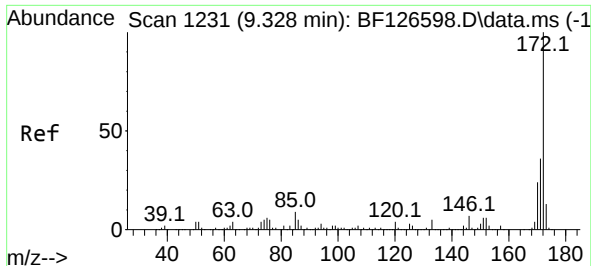
Tgt Ion:164 Resp: 230739
Ion Ratio Lower Upper
164 100
162 99.6 81.4 122.0
160 42.7 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 124.001 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF126669.D
Acq: 25 Jan 2022 17:50

Tgt Ion:330 Resp: 267762
Ion Ratio Lower Upper
330 100
332 98.2 76.0 114.0
141 37.3 30.1 45.1





#45

2-Fluorobiphenyl

Concen: 83.501 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126669.D

Acq: 25 Jan 2022 17:50

Instrument :

BNA_F

ClientSampleId :

MW-2

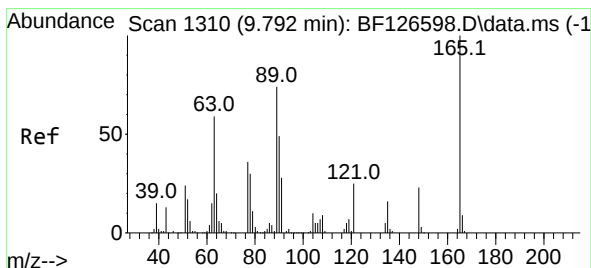
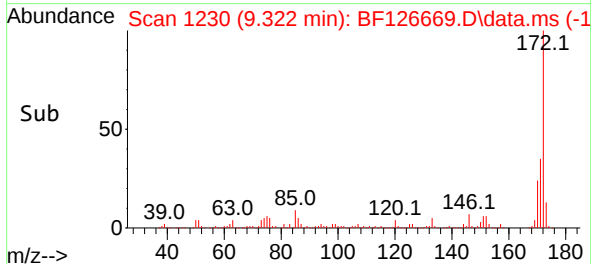
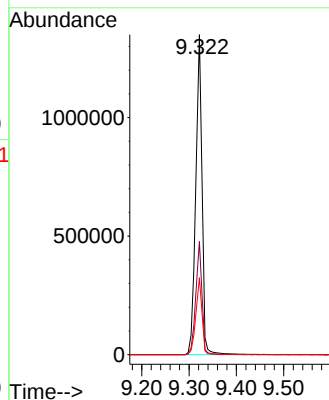
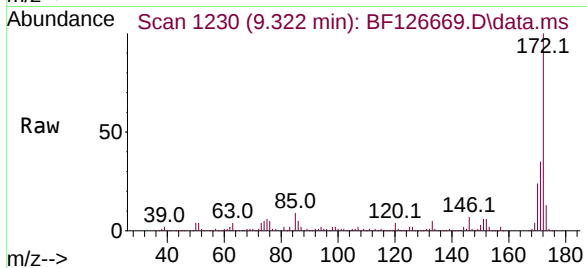
Tgt Ion:172 Resp: 1258041

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 24.1 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 10.440 ng

RT: 10.004 min Scan# 1346

Delta R.T. 0.212 min

Lab File: BF126669.D

Acq: 25 Jan 2022 17:50

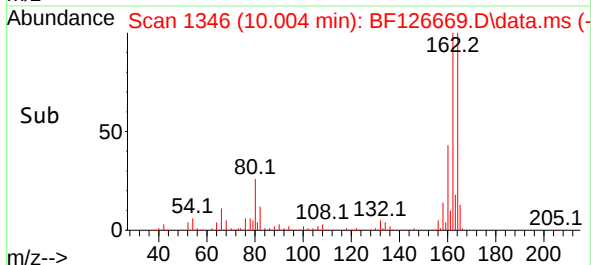
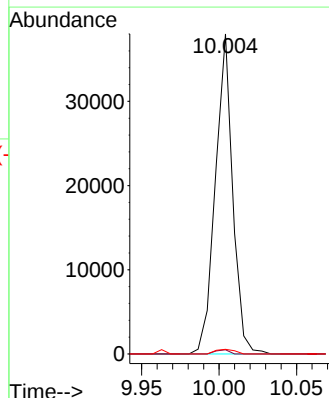
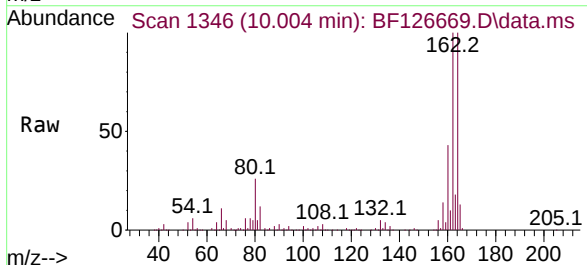
Tgt Ion:165 Resp: 29523

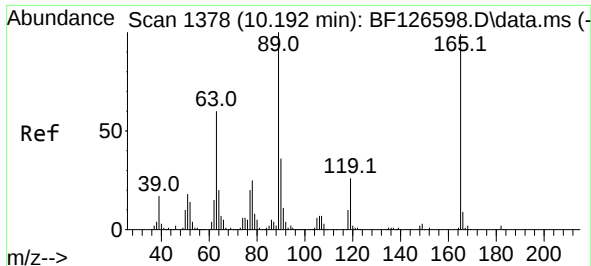
Ion Ratio Lower Upper

165 100

63 1.3 48.4 72.6#

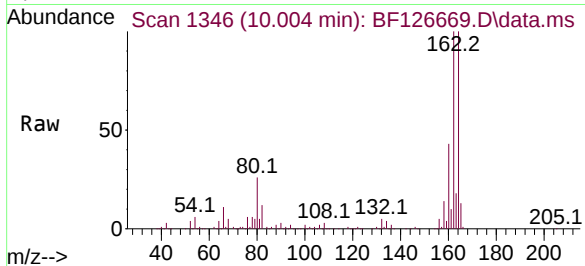
89 1.5 50.5 75.7#



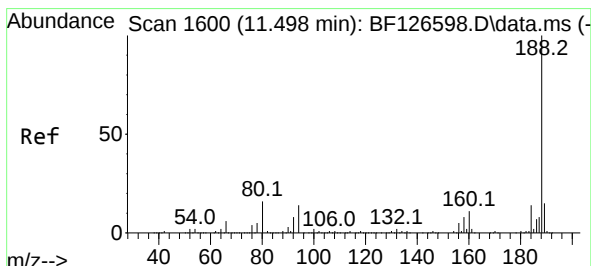
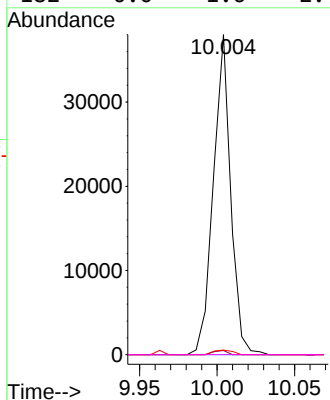
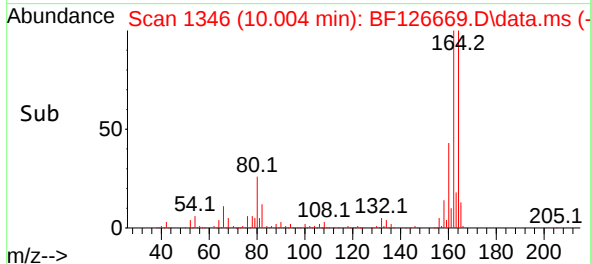


#57
2,4-Dinitrotoluene
Concen: 8.615 ng
RT: 10.004 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF126669.D
Acq: 25 Jan 2022 17:50

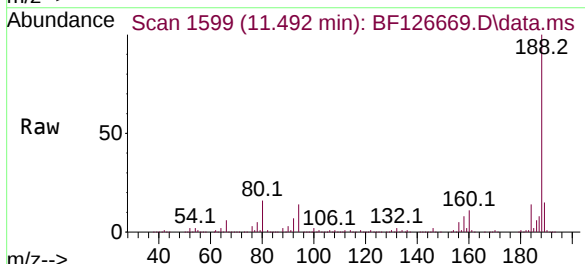
Instrument :
BNA_F
ClientSampleId :
MW-2



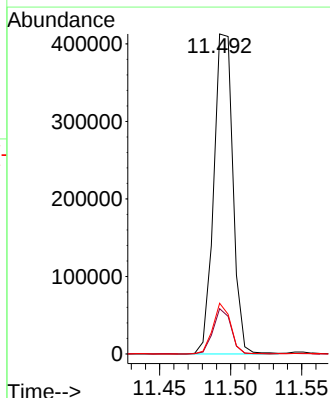
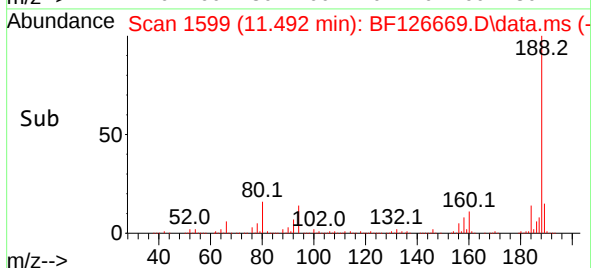
Tgt Ion:165 Resp: 29523
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#

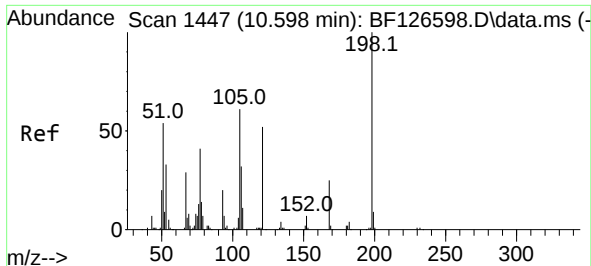


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.492 min Scan# 1599
Delta R.T. -0.006 min
Lab File: BF126669.D
Acq: 25 Jan 2022 17:50



Tgt Ion:188 Resp: 386666
Ion Ratio Lower Upper
188 100
94 14.1 10.1 15.1
80 15.8 11.8 17.6

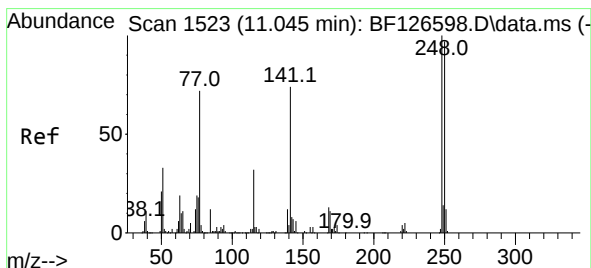
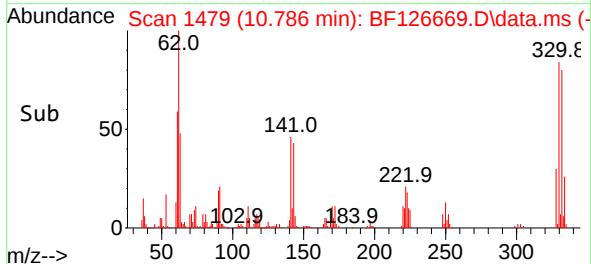
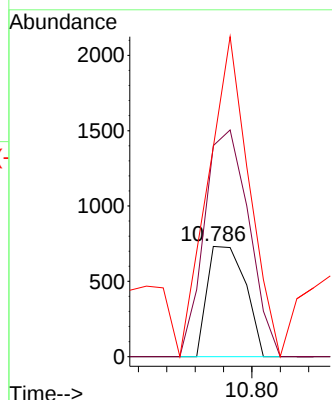
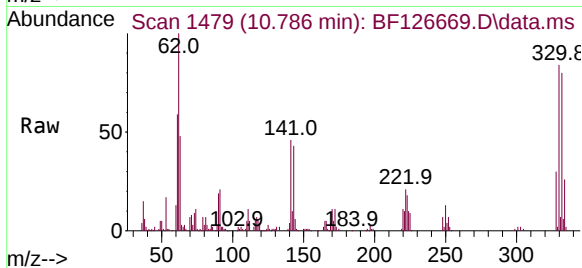




#65
4,6-Dinitro-2-methylphenol
Concen: 7.684 ng
RT: 10.786 min Scan# 1447
Delta R.T. 0.188 min
Lab File: BF126669.D
Acq: 25 Jan 2022 17:50

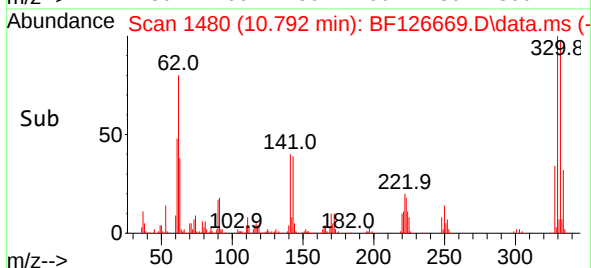
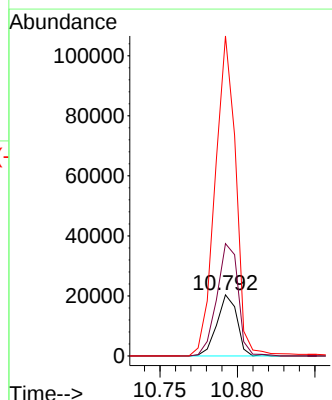
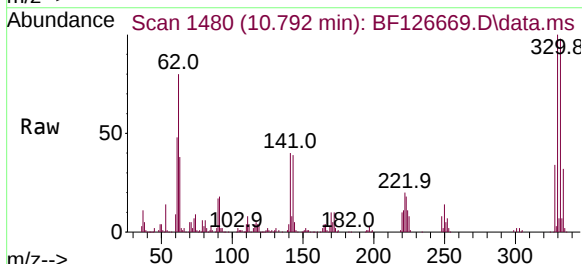
Instrument :
BNA_F
ClientSampleId :
MW-2

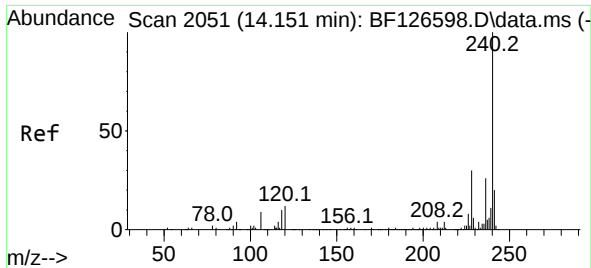
Tgt Ion:198 Resp: 682
Ion Ratio Lower Upper
198 100
51 191.4 32.0 72.0#
105 190.0 32.7 72.7#



#67
4-Bromophenyl-phenylether
Concen: 4.131 ng
RT: 10.792 min Scan# 1480
Delta R.T. -0.253 min
Lab File: BF126669.D
Acq: 25 Jan 2022 17:50

Tgt Ion:248 Resp: 18411
Ion Ratio Lower Upper
248 100
250 184.0 76.2 114.4#
141 523.8 66.2 99.4#

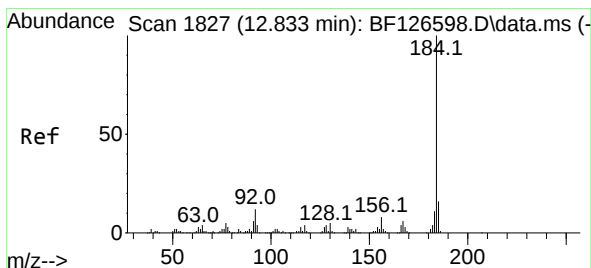
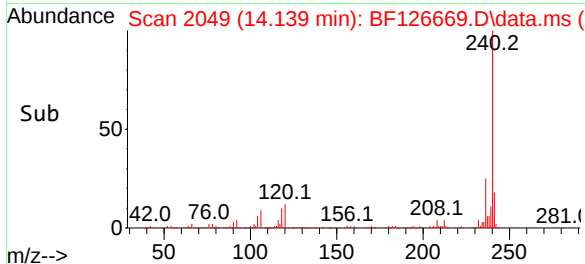
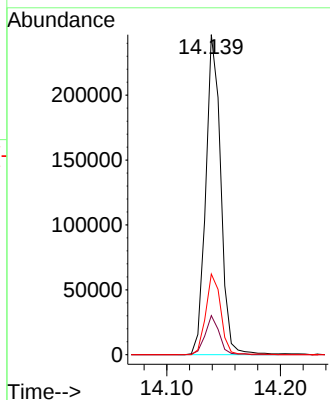
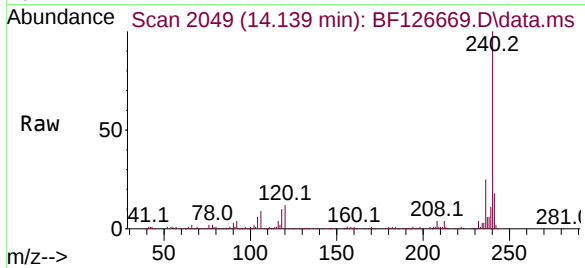




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2051
Delta R.T. -0.012 min
Lab File: BF126669.D
Acq: 25 Jan 2022 17:50

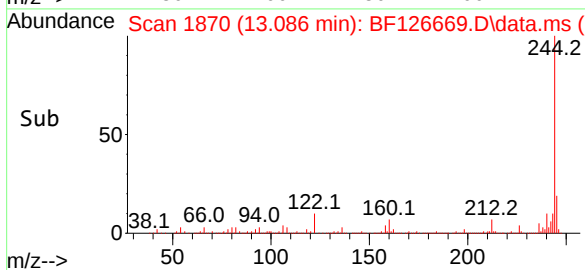
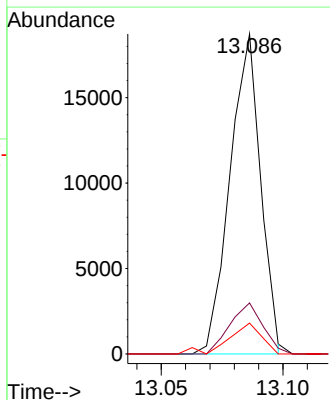
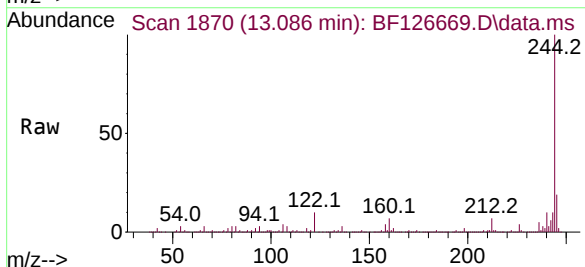
Instrument :
BNA_F
ClientSampleId :
MW-2

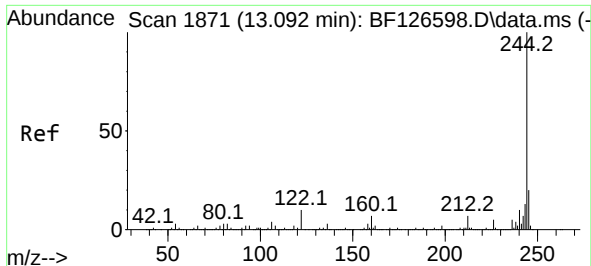
Tgt Ion:240 Resp: 224983
Ion Ratio Lower Upper
240 100
120 12.2 14.4 21.6#
236 25.2 20.5 30.7



#77
Benzidine
Concen: 2.111 ng
RT: 13.086 min Scan# 1870
Delta R.T. 0.253 min
Lab File: BF126669.D
Acq: 25 Jan 2022 17:50

Tgt Ion:184 Resp: 16385
Ion Ratio Lower Upper
184 100
185 15.9 11.8 17.8
183 9.6 8.2 12.2

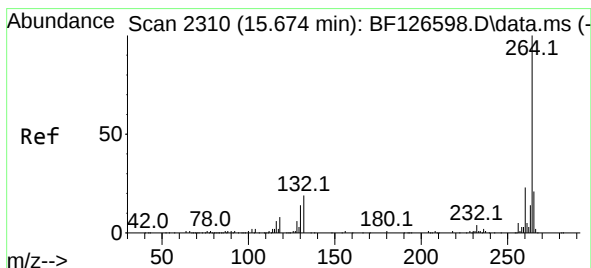
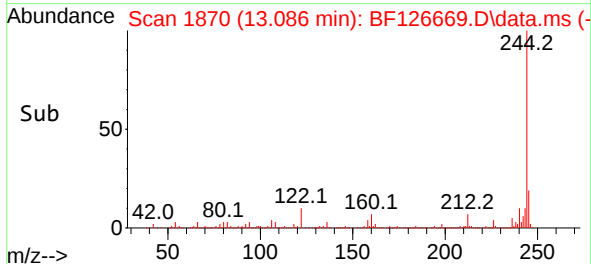
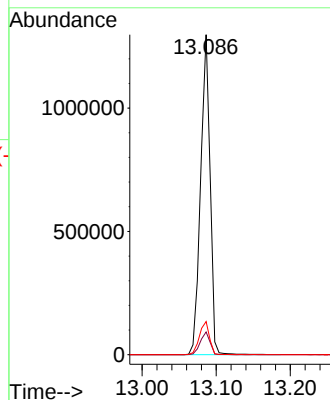
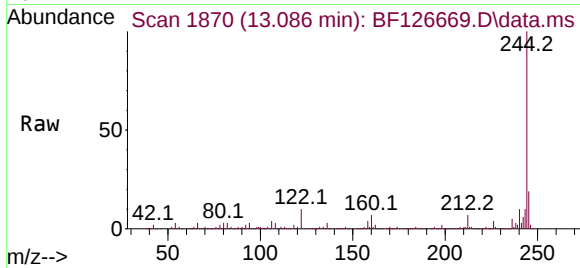




#79
 Terphenyl-d14
 Concen: 85.686 ng
 RT: 13.086 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF126669.D
 Acq: 25 Jan 2022 17:50

Instrument :
 BNA_F
 ClientSampleId :
 MW-2

Tgt Ion:244 Resp: 1149371
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 10.4 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.668 min Scan# 2309
 Delta R.T. -0.006 min
 Lab File: BF126669.D
 Acq: 25 Jan 2022 17:50

Tgt Ion:264 Resp: 214916
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 20.4 17.4 26.2

