

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
 Data File : BF126023.D
 Acq On : 3 Nov 2021 17:03
 Operator : JU/CG
 Sample : PB140452BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB140452BL

Quant Time: Nov 03 17:27:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

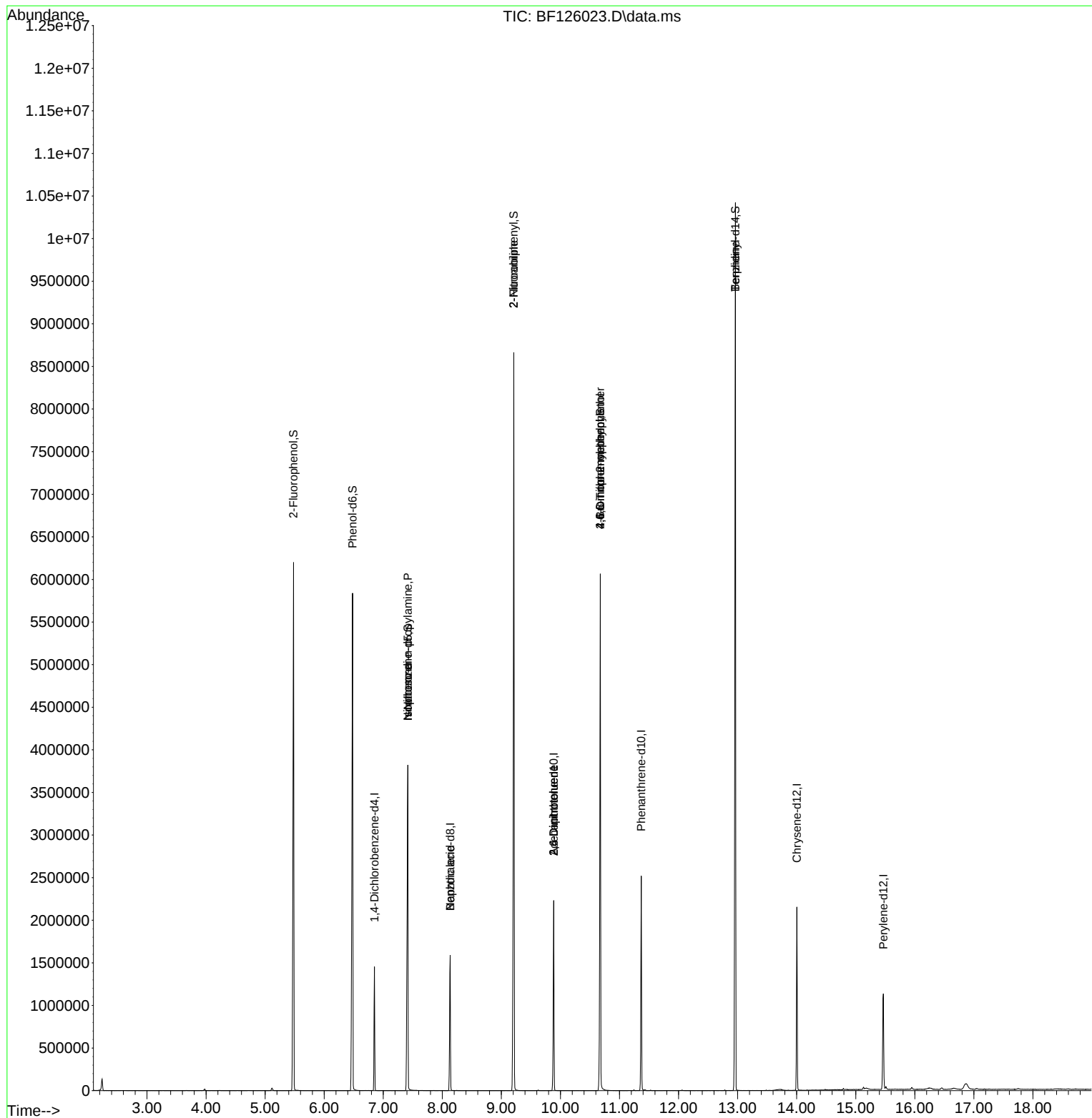
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	178253	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	681244	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	434038	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	837161	20.000	ng	0.00
76) Chrysene-d12	14.004	240	688777	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	524455	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1442069	138.928	ng	0.02
7) Phenol-d6	6.481	99	1866350	127.549	ng	0.00
23) Nitrobenzene-d5	7.416	82	1331450	92.172	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	668713	134.439	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2664787	82.967	ng	0.00
79) Terphenyl-d14	12.963	244	3404615	79.708	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.481	77	4543	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	195154	20.231	ng	# 64
25) Isophorone	7.416	82	1321413	50.808	ng	# 59
32) Benzoic acid	8.133	122	134	9.160	ng	# 1
48) 2-Nitroaniline	9.210	65	5373	3.434	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	53637	9.903	ng	# 28
57) 2,4-Dinitrotoluene	9.886	165	53637	9.586	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.675	198	1804	8.687	ng	# 1
67) 4-Bromophenyl-phenylether	10.675	248	43492	4.289	ng	# 1
77) Benzidine	12.963	184	54232	2.355	ng	97

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

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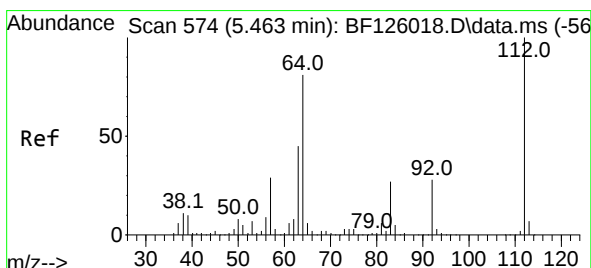
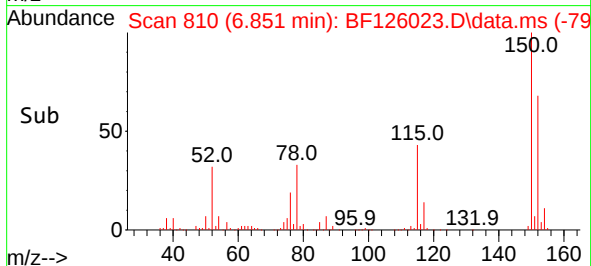
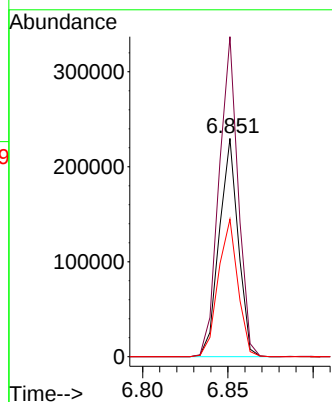
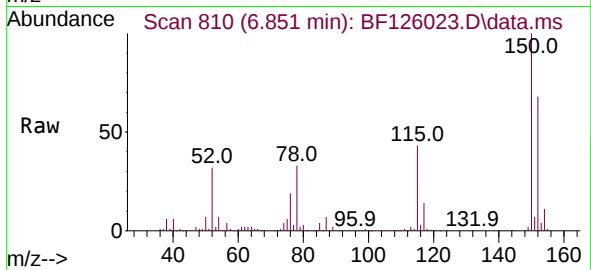




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126023.D
Acq: 3 Nov 2021 17:03

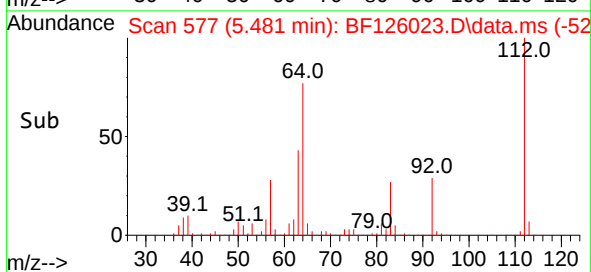
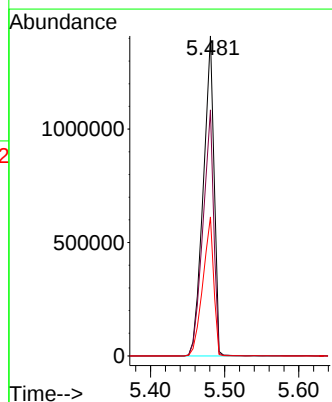
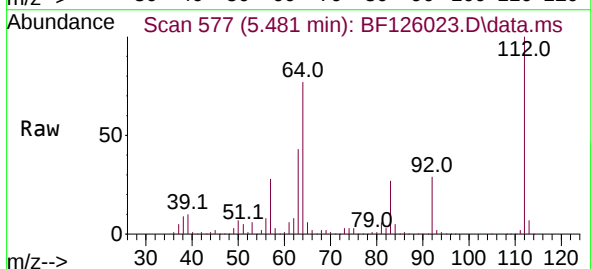
Instrument :
BNA_F
ClientSampleId :
PB140452BL

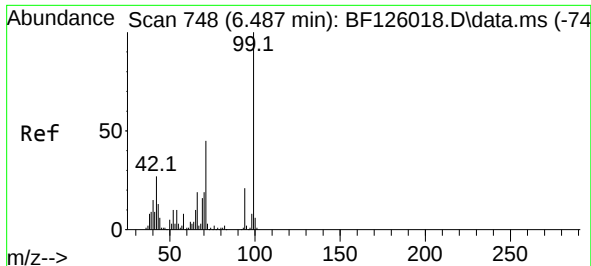
Tgt Ion:152 Resp: 178253
Ion Ratio Lower Upper
152 100
150 146.6 117.6 176.4
115 62.9 47.1 70.7



#5
2-Fluorophenol
Concen: 138.928 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.018 min
Lab File: BF126023.D
Acq: 3 Nov 2021 17:03

Tgt Ion:112 Resp: 1442069
Ion Ratio Lower Upper
112 100
64 76.9 44.2 66.2#
63 43.4 26.2 39.2#

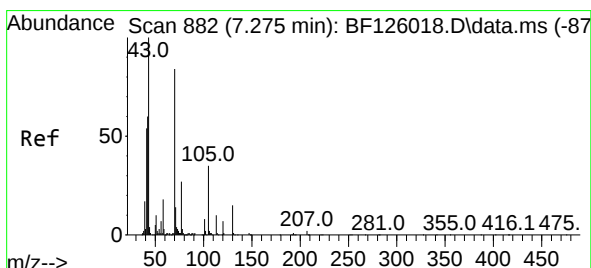
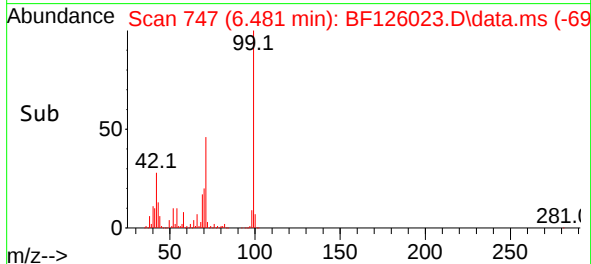
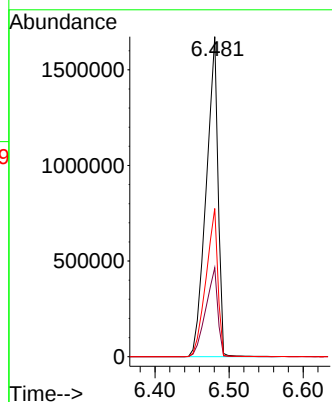
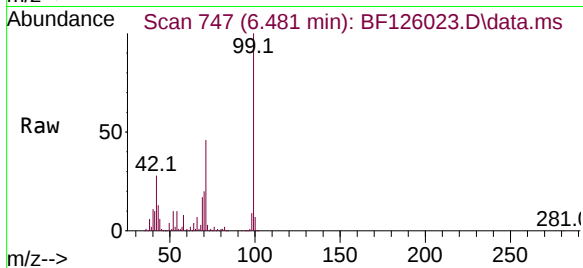




#7
Phenol-d6
Concen: 127.549 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126023.D
Acq: 3 Nov 2021 17:03

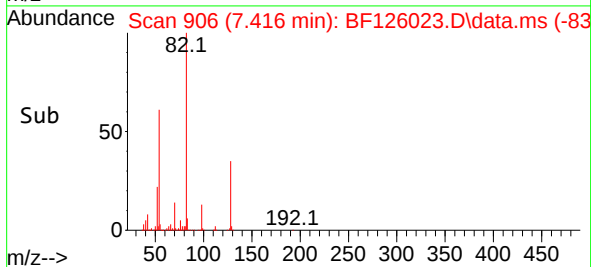
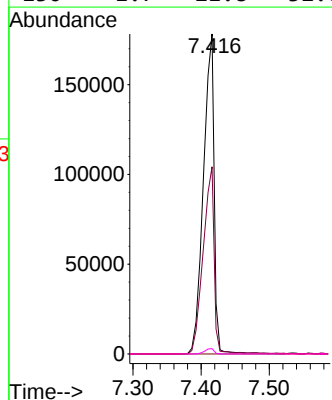
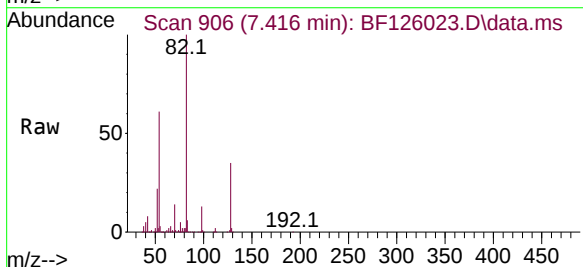
Instrument :
BNA_F
ClientSampleId :
PB140452BL

Tgt Ion: 99 Resp: 1866350
Ion Ratio Lower Upper
99 100
42 27.8 23.5 35.3
71 46.3 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 20.231 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF126023.D
Acq: 3 Nov 2021 17:03

Tgt Ion: 70 Resp: 195154
Ion Ratio Lower Upper
70 100
42 58.5 72.2 108.2#
101 0.0 7.8 11.8#
130 1.7 21.8 32.6#

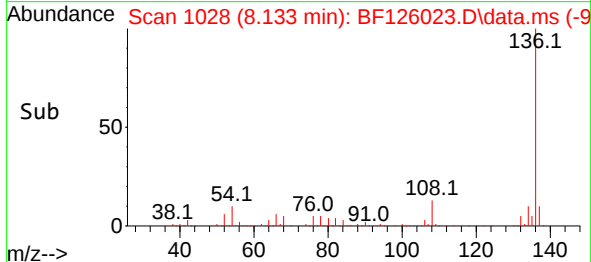
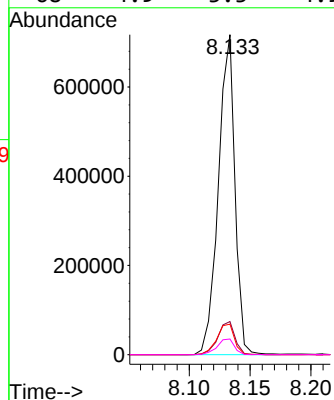
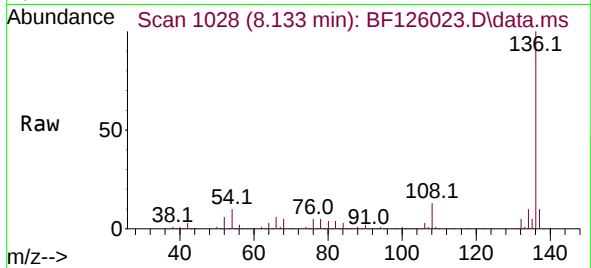




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1029
Delta R.T. -0.005 min
Lab File: BF126023.D
Acq: 3 Nov 2021 17:03

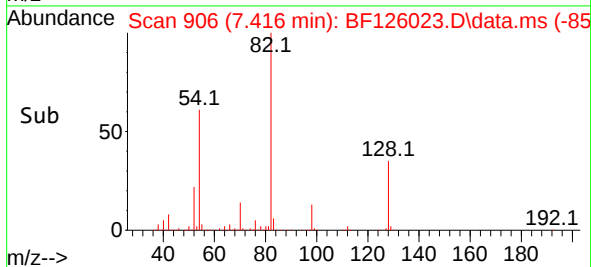
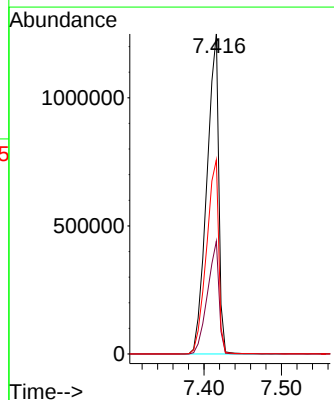
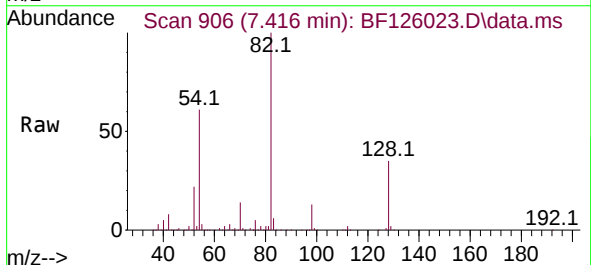
Instrument :
BNA_F
ClientSampleId :
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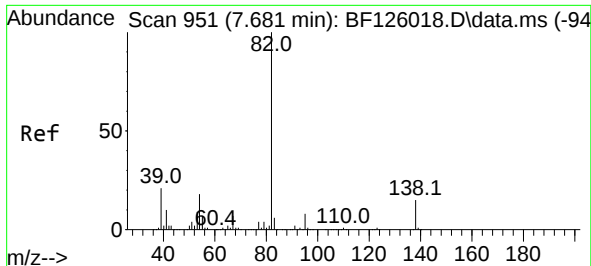
Tgt Ion:136	Resp: 681244
Ion Ratio	Lower Upper
136 100	
137 10.4	9.8 14.6
54 9.5	6.4 9.6
68 4.9	3.3 4.9



#23
Nitrobenzene-d5
Concen: 92.172 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF126023.D
Acq: 3 Nov 2021 17:03

Tgt Ion: 82		Resp: 1331450	
Ion	Ratio	Lower	Upper
82	100		
128	35.3	40.6	60.8#
54	60.6	49.6	74.4

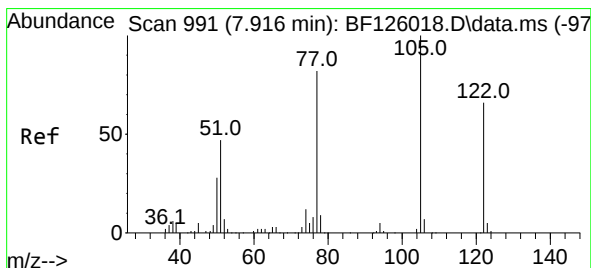
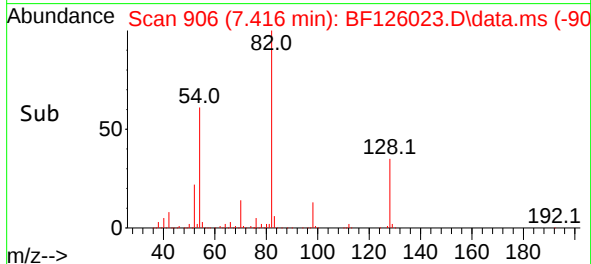
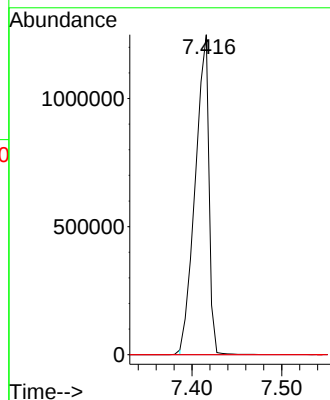
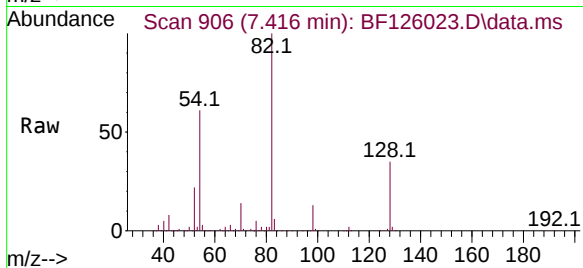




#25
Isophorone
Concen: 50.808 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126023.D
Acq: 3 Nov 2021 17:03

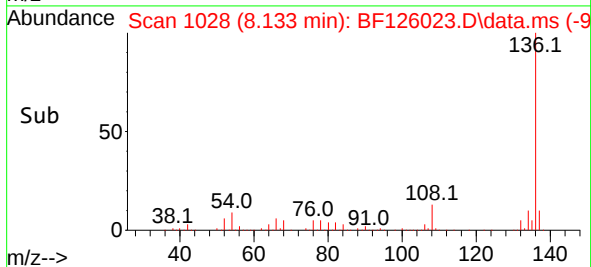
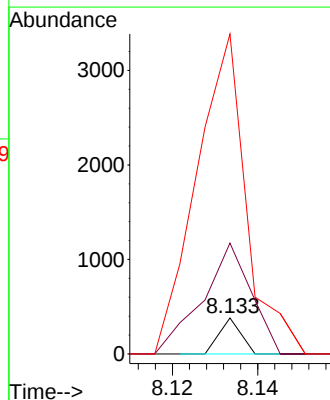
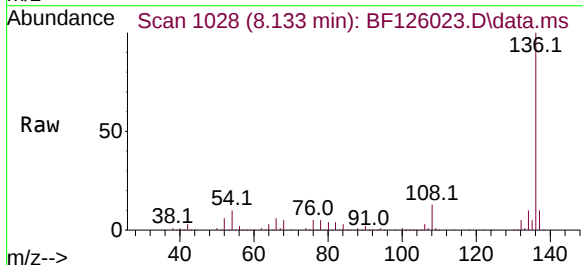
Instrument :
BNA_F
ClientSampleId :
PB140452BL

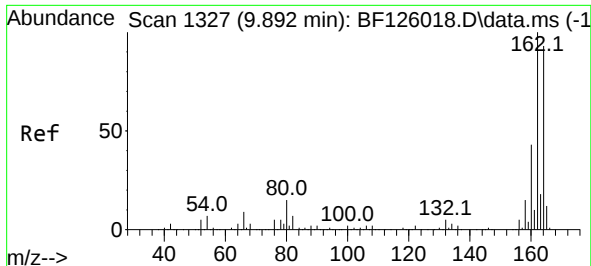
Tgt Ion: 82 Resp: 1321413
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 9.160 ng
RT: 8.133 min Scan# 1028
Delta R.T. 0.217 min
Lab File: BF126023.D
Acq: 3 Nov 2021 17:03

Tgt Ion:122 Resp: 134
Ion Ratio Lower Upper
122 100
105 307.9 97.6 137.6#
77 888.7 59.6 99.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126023.D

Acq: 3 Nov 2021 17:03

Instrument :

BNA_F

ClientSampleId :

PB140452BL

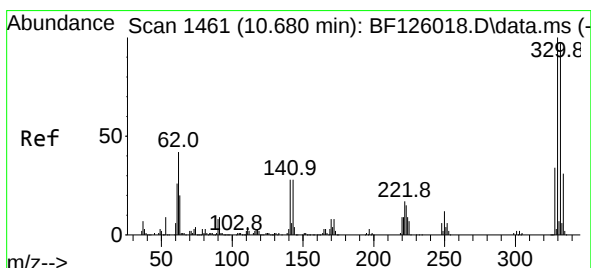
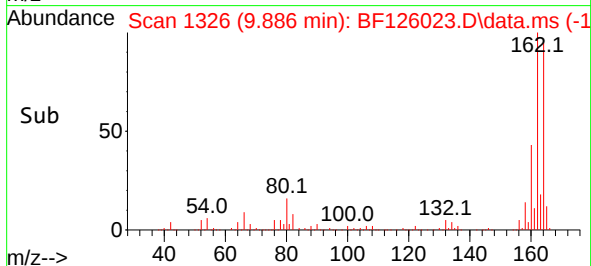
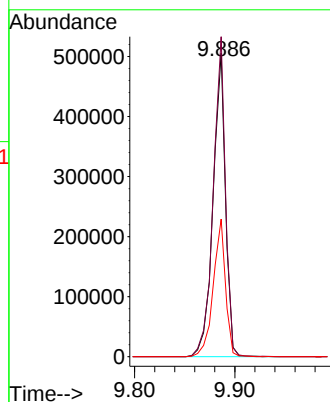
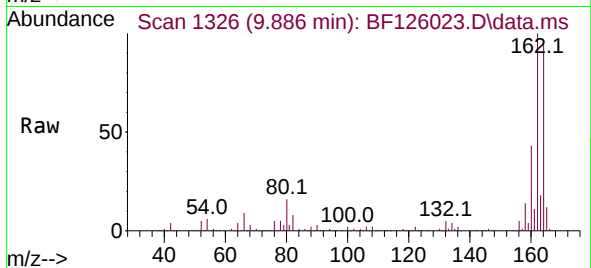
Tgt Ion:164 Resp: 434038

Ion Ratio Lower Upper

164 100

162 105.4 81.3 121.9

160 45.3 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 134.439 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF126023.D

Acq: 3 Nov 2021 17:03

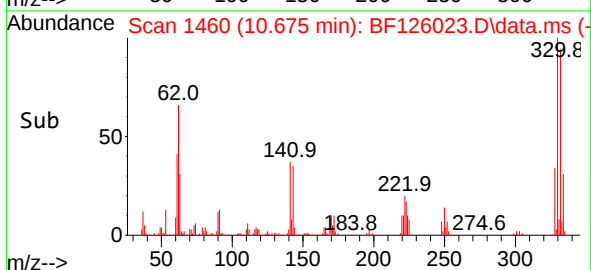
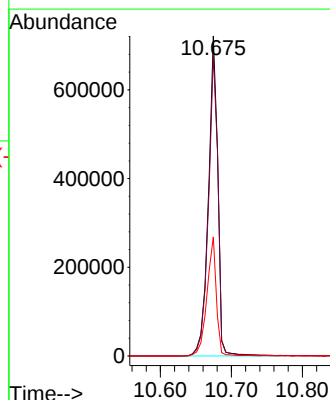
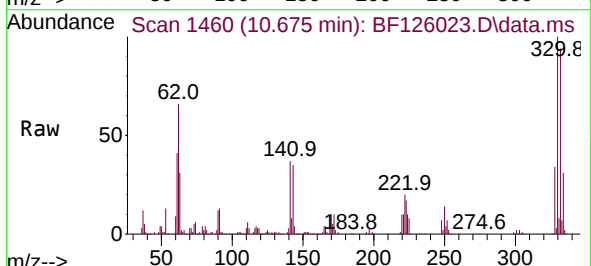
Tgt Ion:330 Resp: 668713

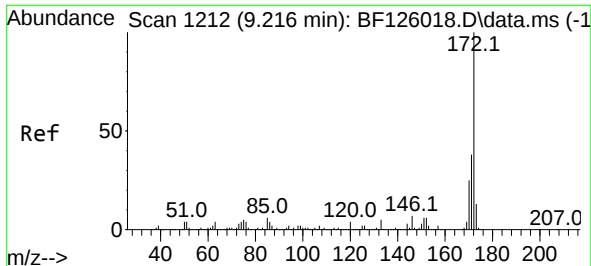
Ion Ratio Lower Upper

330 100

332 95.4 76.2 114.4

141 37.1 44.6 66.8#

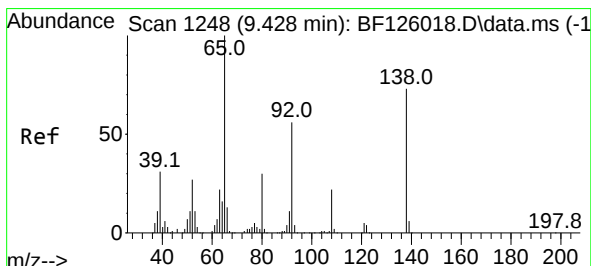
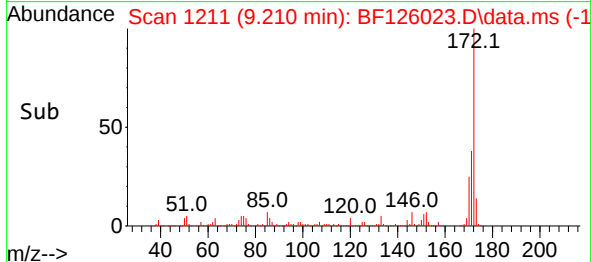
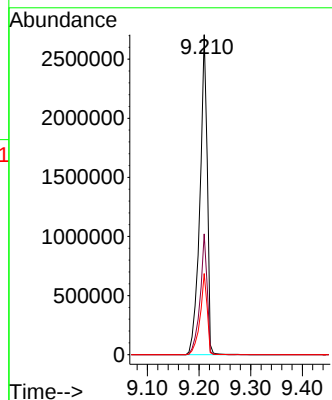
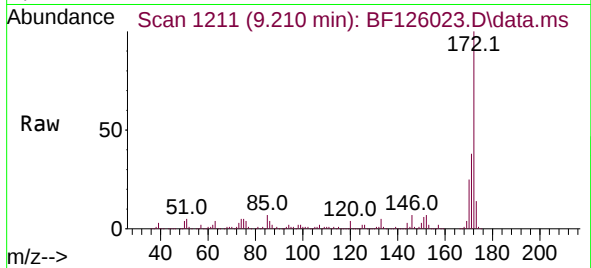




#45
2-Fluorobiphenyl
Concen: 82.967 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.006 min
Lab File: BF126023.D
Acq: 3 Nov 2021 17:03

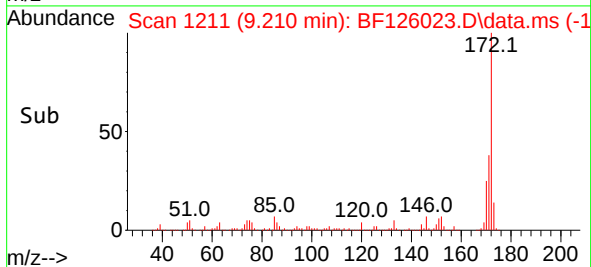
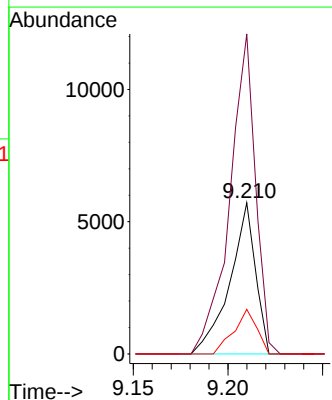
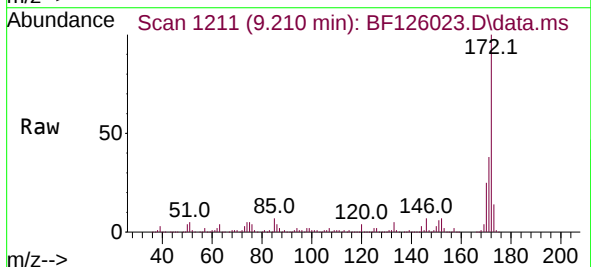
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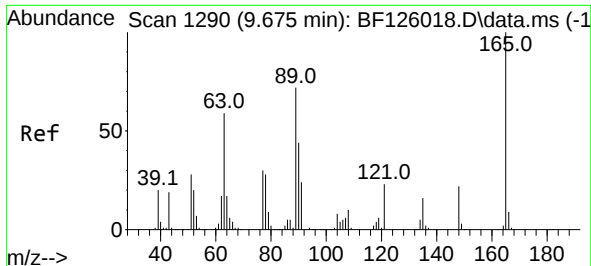
Tgt Ion:172 Resp: 2664787
Ion Ratio Lower Upper
172 100
171 37.8 26.5 39.7
170 25.3 18.8 28.2



#48
2-Nitroaniline
Concen: 3.434 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.218 min
Lab File: BF126023.D
Acq: 3 Nov 2021 17:03

Tgt Ion: 65 Resp: 5373
Ion Ratio Lower Upper
65 100
92 211.7 55.5 83.3#
138 29.5 93.5 140.3#

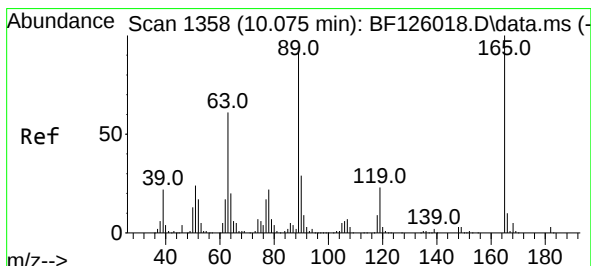
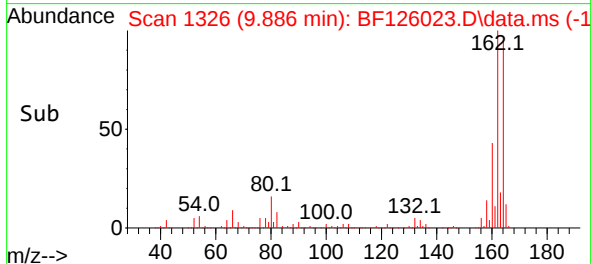
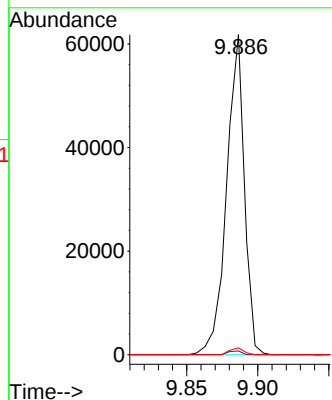
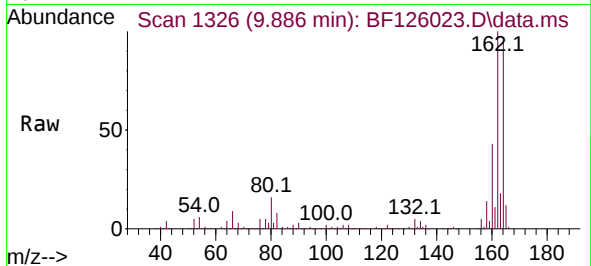




#51
2,6-Dinitrotoluene
Concen: 9.903 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.211 min
Lab File: BF126023.D
Acq: 3 Nov 2021 17:03

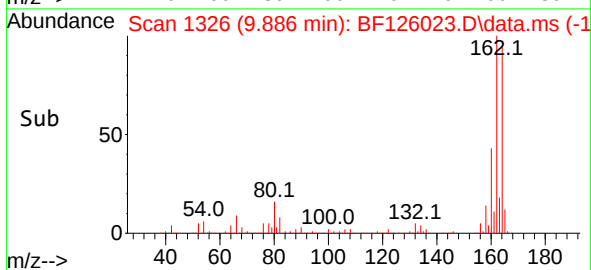
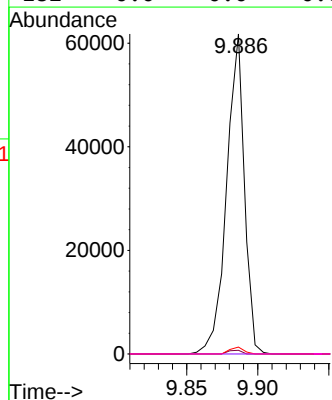
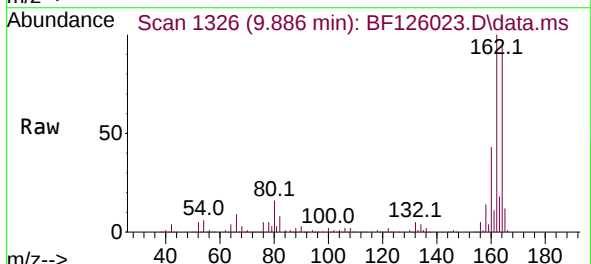
Instrument :
BNA_F
ClientSampleId :
PB140452BL

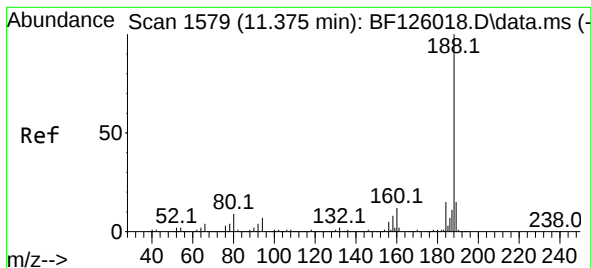
Tgt Ion:165 Resp: 53637
Ion Ratio Lower Upper
165 100
63 1.1 42.6 63.8#
89 2.1 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 9.586 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.189 min
Lab File: BF126023.D
Acq: 3 Nov 2021 17:03

Tgt Ion:165 Resp: 53637
Ion Ratio Lower Upper
165 100
63 1.1 40.9 61.3#
89 2.1 59.7 89.5#
182 0.0 0.0 0.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF126023.D

Acq: 3 Nov 2021 17:03

Instrument :

BNA_F

ClientSampleId :

PB140452BL

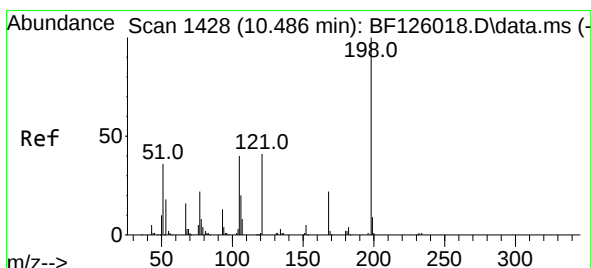
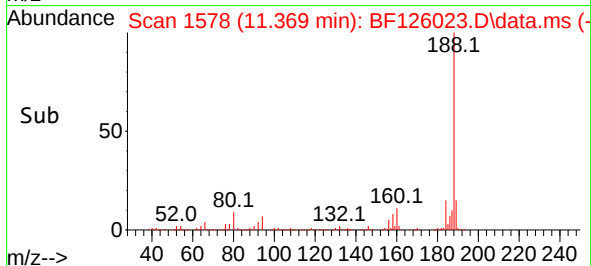
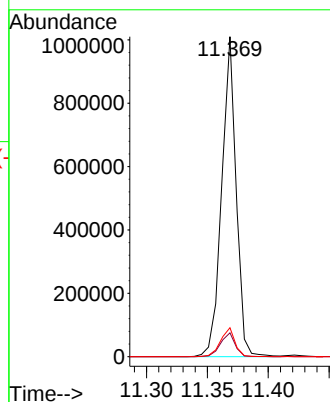
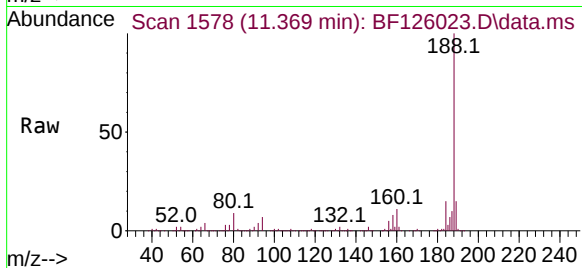
Tgt Ion:188 Resp: 837161

Ion Ratio Lower Upper

188 100

94 7.5 6.7 10.1

80 9.0 7.5 11.3



#65

4,6-Dinitro-2-methylphenol

Concen: 8.687 ng

RT: 10.675 min Scan# 1460

Delta R.T. 0.189 min

Lab File: BF126023.D

Acq: 3 Nov 2021 17:03

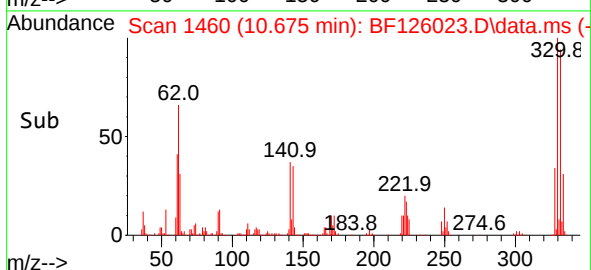
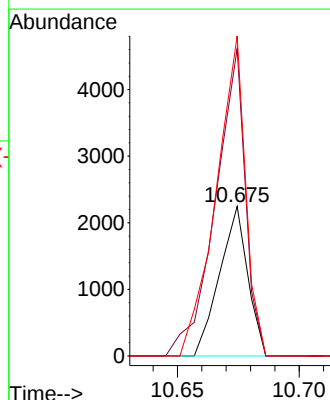
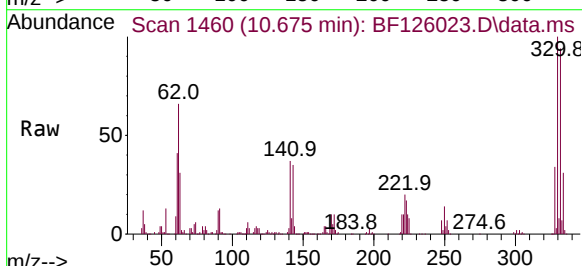
Tgt Ion:198 Resp: 1804

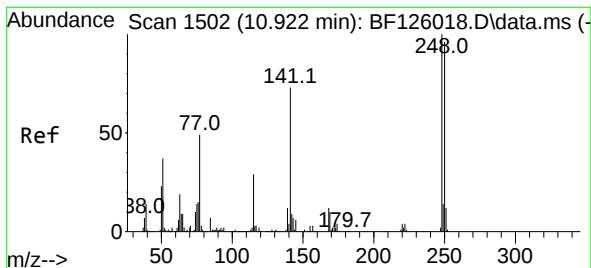
Ion Ratio Lower Upper

198 100

51 205.5 45.3 85.3#

105 213.9 30.6 70.6#

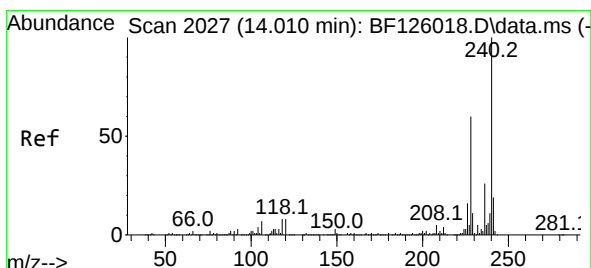
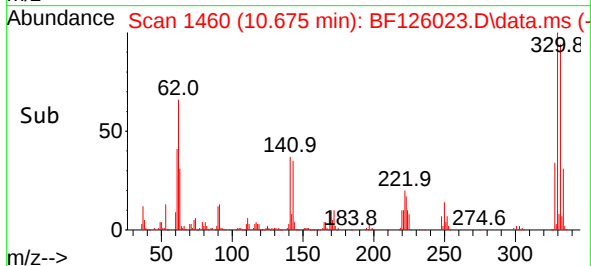
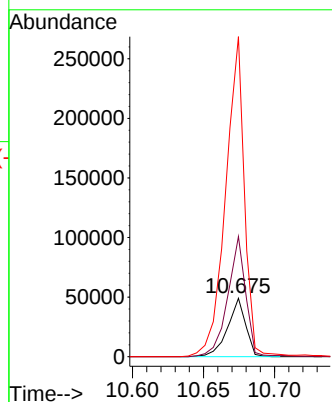
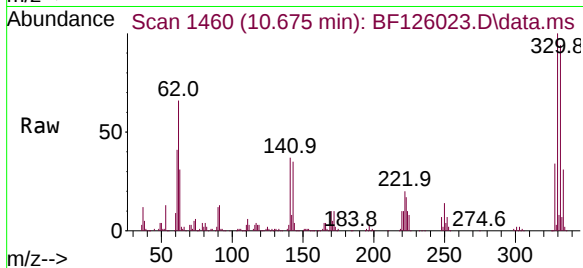




#67
4-Bromophenyl-phenylether
Concen: 4.289 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF126023.D
Acq: 3 Nov 2021 17:03

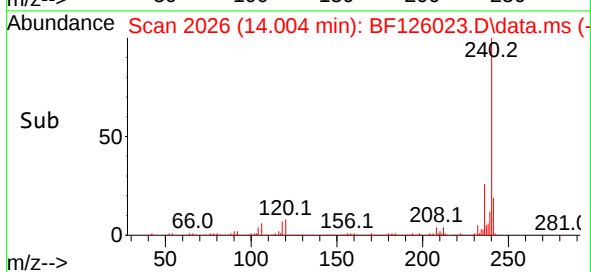
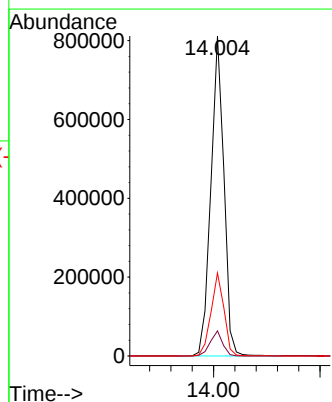
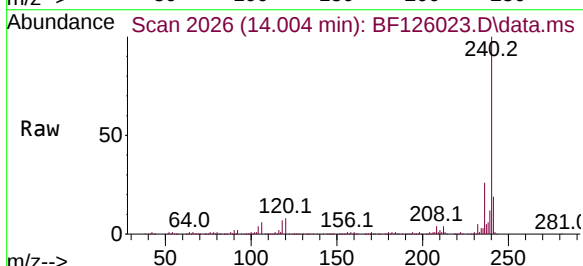
Instrument :
BNA_F
ClientSampleId :
PB140452BL

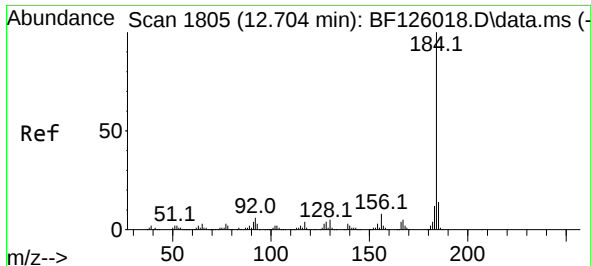
Tgt Ion:248 Resp: 43492
Ion Ratio Lower Upper
248 100
250 205.9 74.2 111.4#
141 548.3 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF126023.D
Acq: 3 Nov 2021 17:03

Tgt Ion:240 Resp: 688777
Ion Ratio Lower Upper
240 100
120 7.9 10.8 16.2#
236 25.9 21.6 32.4

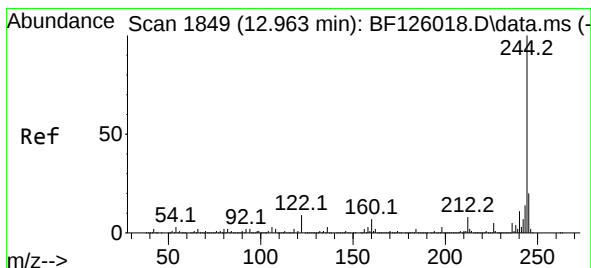
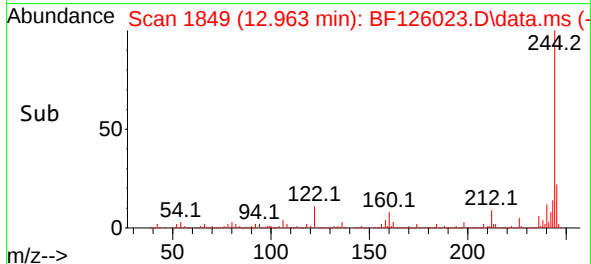
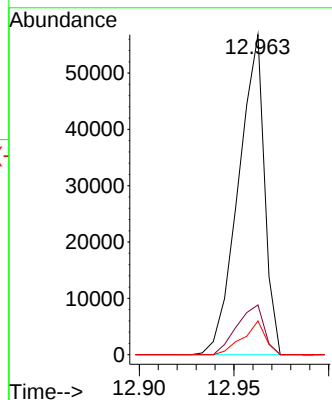
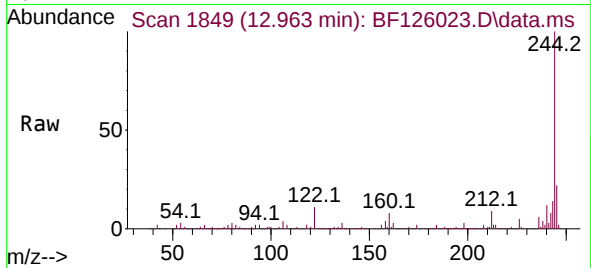




#77
Benzidine
Concen: 2.355 ng
RT: 12.963 min Scan# 1849
Delta R.T. 0.259 min
Lab File: BF126023.D
Acq: 3 Nov 2021 17:03

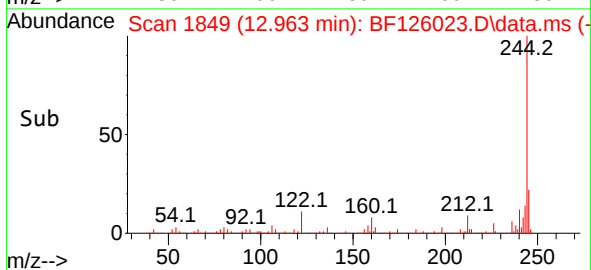
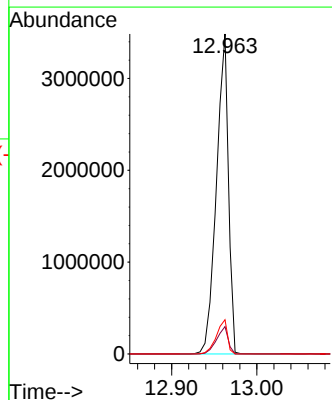
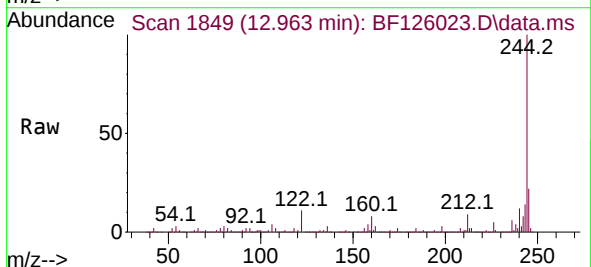
Instrument :
BNA_F
ClientSampleId :
PB140452BL

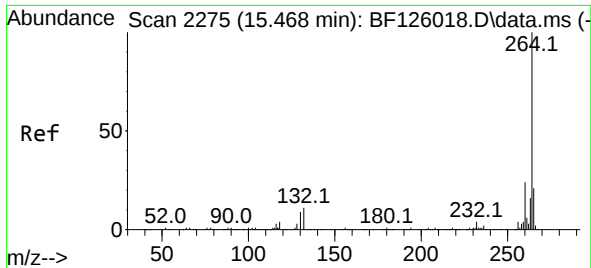
Tgt Ion:184 Resp: 54232
Ion Ratio Lower Upper
184 100
185 15.6 10.8 16.2
183 10.5 8.1 12.1



#79
Terphenyl-d14
Concen: 79.708 ng
RT: 12.963 min Scan# 1849
Delta R.T. -0.000 min
Lab File: BF126023.D
Acq: 3 Nov 2021 17:03

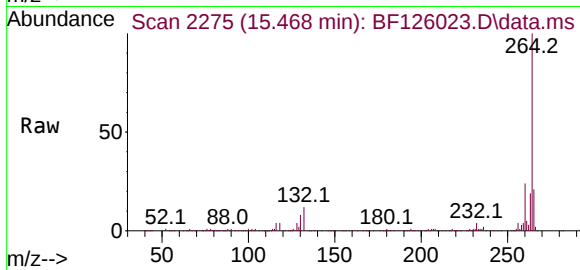
Tgt Ion:244 Resp: 3404615
Ion Ratio Lower Upper
244 100
212 8.6 5.9 8.9
122 10.7 9.0 13.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF126023.D
 Acq: 3 Nov 2021 17:03

Instrument :
 BNA_F
 ClientSampleId :
 PB140452BL



Tgt Ion:264 Resp: 524455
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.6 29.4
 265 20.5 17.2 25.8

