

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110821\
 Data File : BF126070.D
 Acq On : 8 Nov 2021 17:48
 Operator : JU/CG
 Sample : M4540-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Quant Time: Nov 09 09:33:33 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)

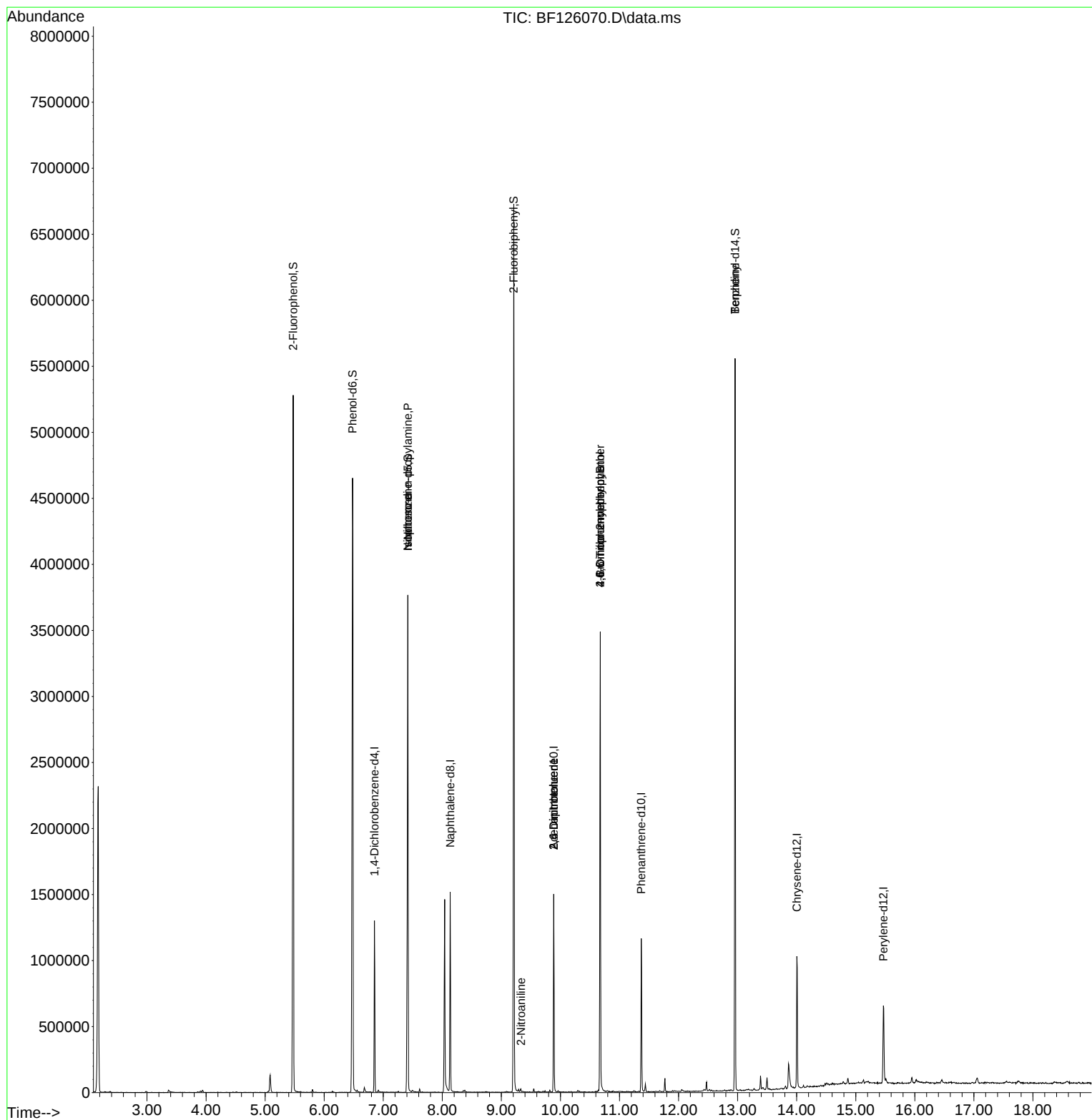
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	157888	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	545602	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	273767	20.000	ng	0.00
64) Phenanthrene-d10	11.368	188	412409	20.000	ng	0.00
76) Chrysene-d12	14.004	240	357265	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	280347	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1279974	139.217	ng	0.01
7) Phenol-d6	6.481	99	1626272	125.478	ng	0.00
23) Nitrobenzene-d5	7.416	82	1159042	100.184	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	353135	112.557	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1964758	96.984	ng	0.00
79) Terphenyl-d14	12.957	244	1622193	73.219	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.486	77	3590	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	165892	19.416	ng	# 61
25) Isophorone	7.416	82	1152944	55.352	ng	# 59
48) 2-Nitroaniline	9.333	65	135	2.873	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	32727	9.579	ng	# 29
57) 2,4-Dinitrotoluene	9.886	165	32727	9.377	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.674	198	942	8.709	ng	# 1
67) 4-Bromophenyl-phenylether	10.674	248	24613	4.927	ng	# 1
77) Benzidine	12.957	184	25712	2.153	ng	95

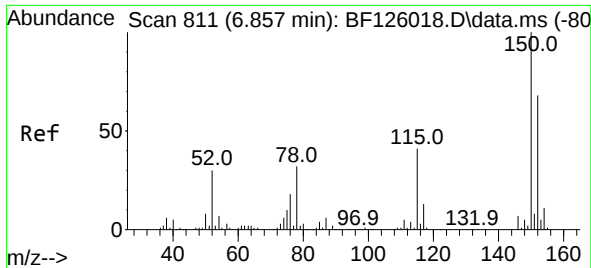
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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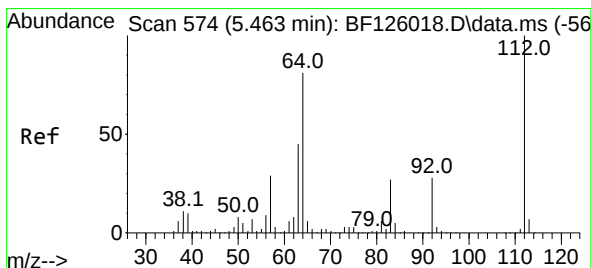
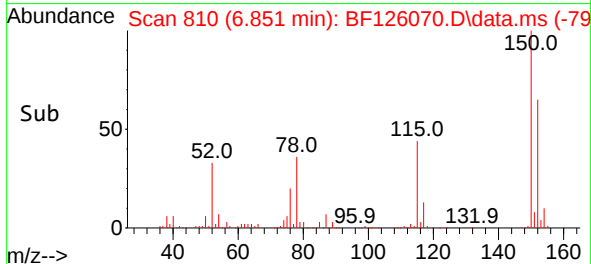
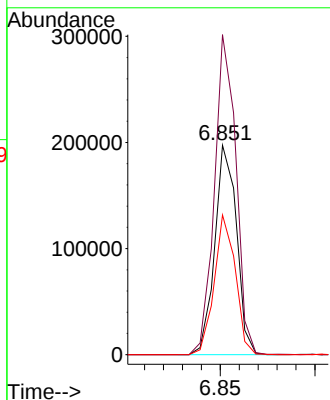
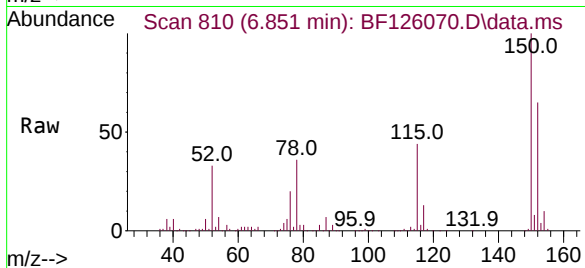




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126070.D
Acq: 8 Nov 2021 17:48

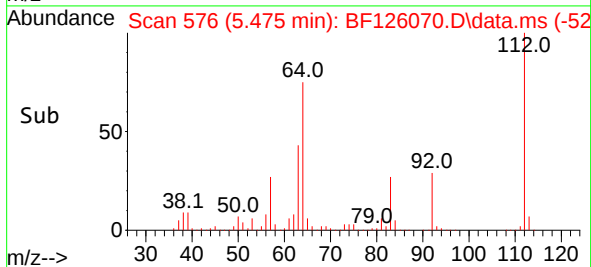
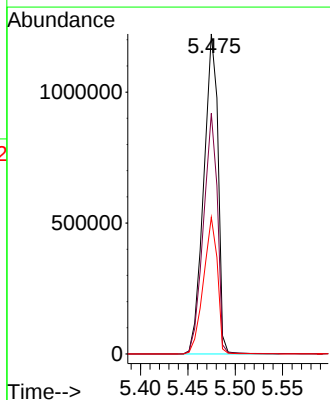
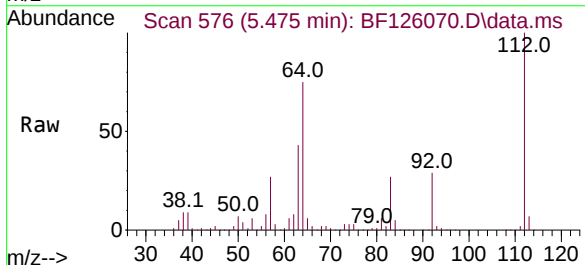
Instrument :
BNA_F
ClientSampleId :
TP-3

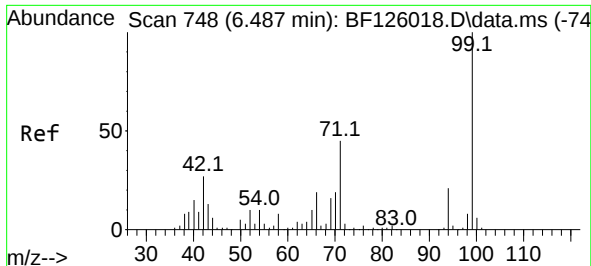
Tgt Ion:152 Resp: 157888
Ion Ratio Lower Upper
152 100
150 152.8 117.6 176.4
115 66.7 47.1 70.7



#5
2-Fluorophenol
Concen: 139.217 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF126070.D
Acq: 8 Nov 2021 17:48

Tgt Ion:112 Resp: 1279974
Ion Ratio Lower Upper
112 100
64 75.2 44.2 66.2#
63 42.7 26.2 39.2#

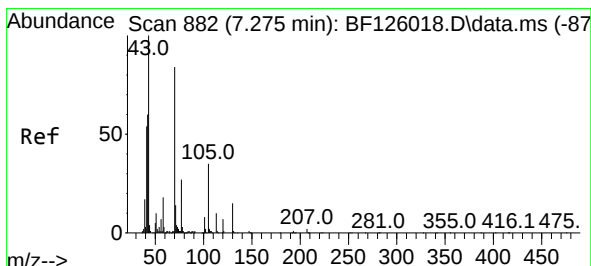
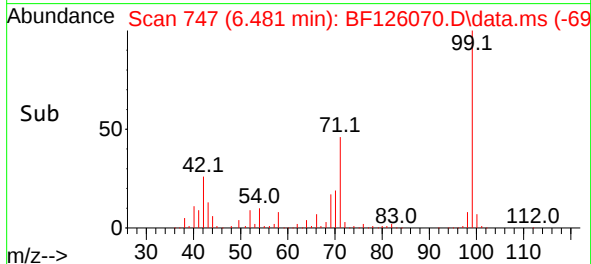
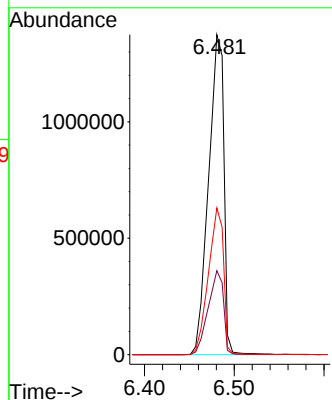
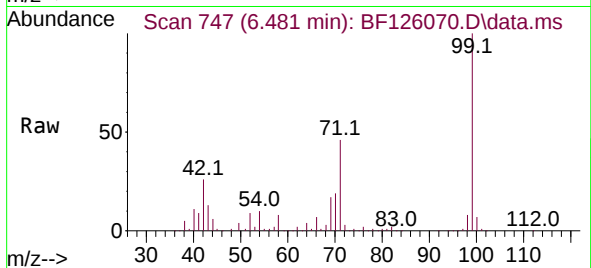




#7
Phenol-d6
Concen: 125.478 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126070.D
Acq: 8 Nov 2021 17:48

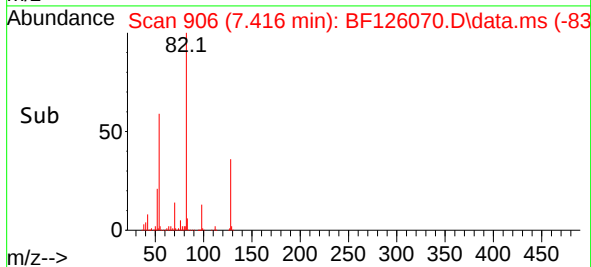
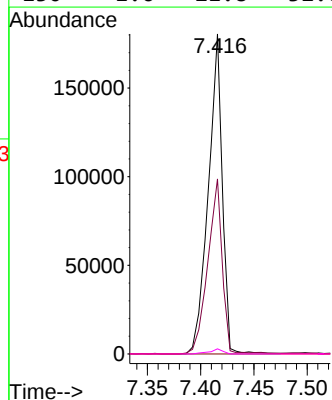
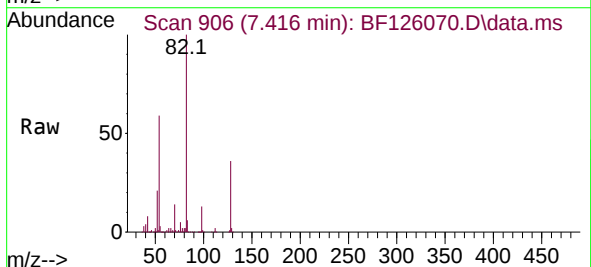
Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion: 99 Resp: 1626272
Ion Ratio Lower Upper
99 100
42 26.3 23.5 35.3
71 45.8 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 19.416 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF126070.D
Acq: 8 Nov 2021 17:48

Tgt Ion: 70 Resp: 165892
Ion Ratio Lower Upper
70 100
42 54.7 72.2 108.2#
101 0.0 7.8 11.8#
130 1.6 21.8 32.6#

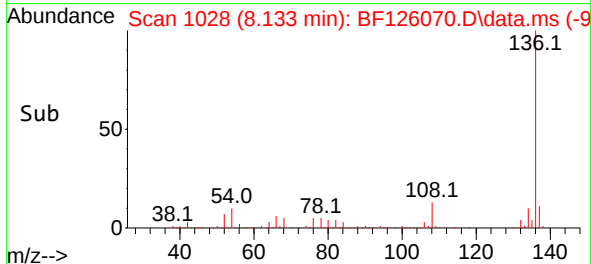
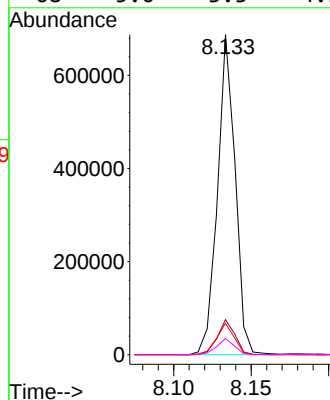
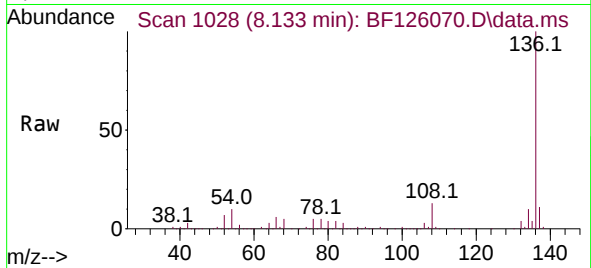




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF126070.D
Acq: 8 Nov 2021 17:48

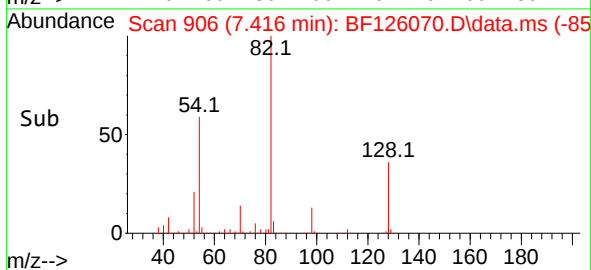
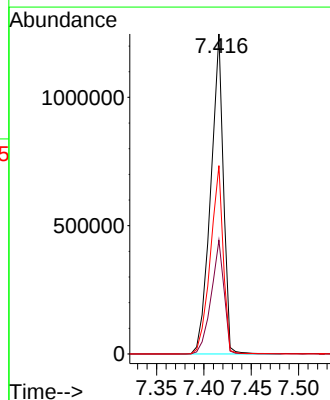
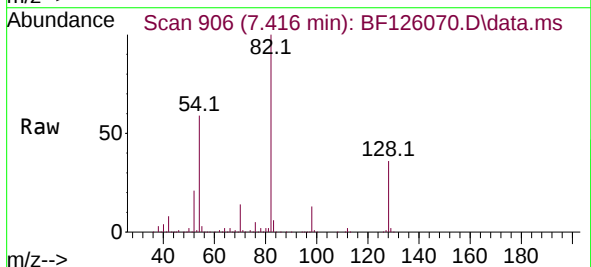
Instrument :
BNA_F
ClientSampleId :
TP-3

Tgt Ion:136 Resp: 545602
Ion Ratio Lower Upper
136 100
137 11.0 9.8 14.6
54 9.8 6.4 9.6#
68 5.0 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 100.184 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF126070.D
Acq: 8 Nov 2021 17:48

Tgt Ion: 82 Resp: 1159042
Ion Ratio Lower Upper
82 100
128 35.5 40.6 60.8#
54 58.9 49.6 74.4

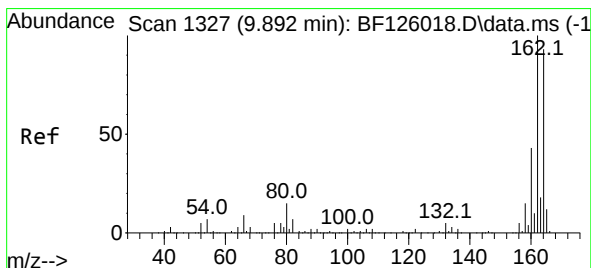
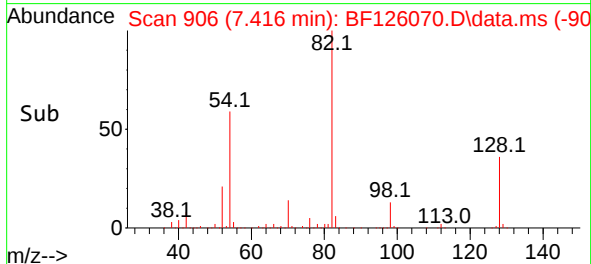
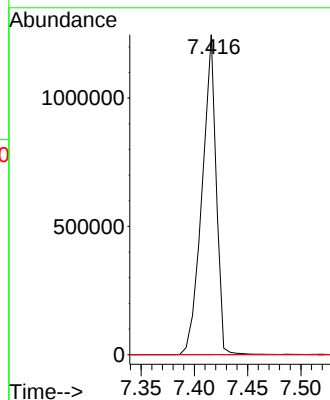
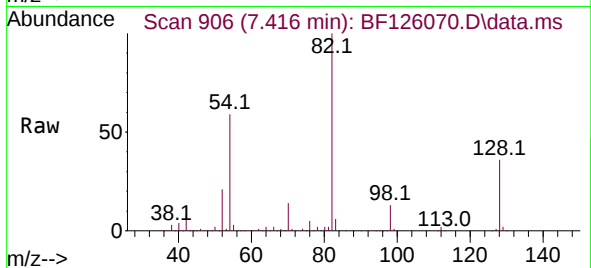




#25
Isophorone
Concen: 55.352 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126070.D
Acq: 8 Nov 2021 17:48

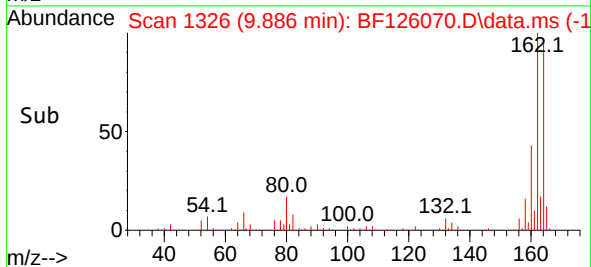
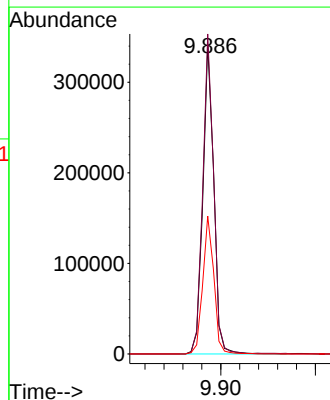
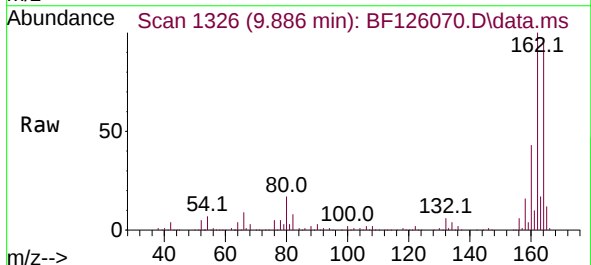
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ClientSampleId :
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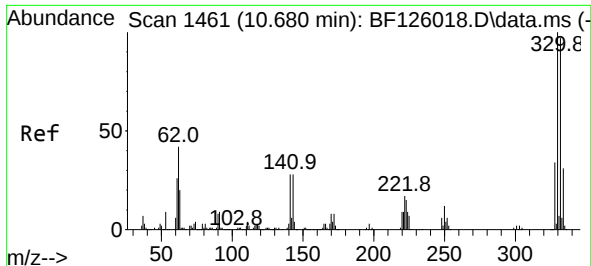
Tgt Ion: 82 Resp: 1152944
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126070.D
Acq: 8 Nov 2021 17:48

Tgt Ion:164 Resp: 273767
Ion Ratio Lower Upper
164 100
162 103.4 81.3 121.9
160 44.6 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 112.557 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF126070.D

Acq: 8 Nov 2021 17:48

Instrument :

BNA_F

ClientSampleId :

TP-3

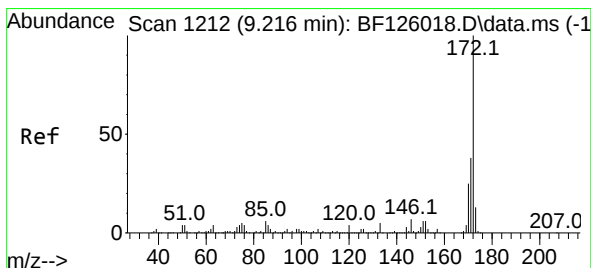
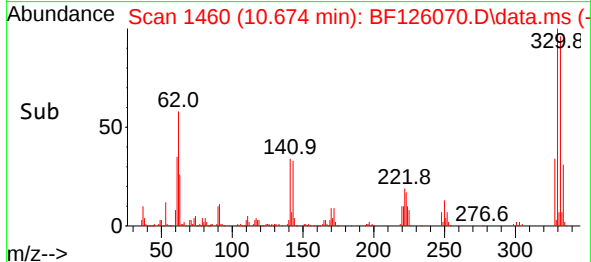
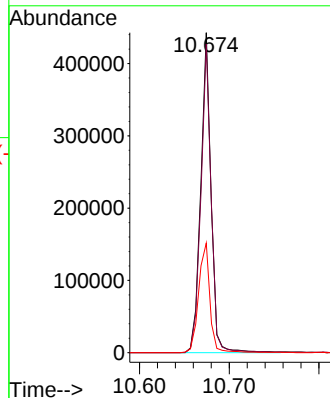
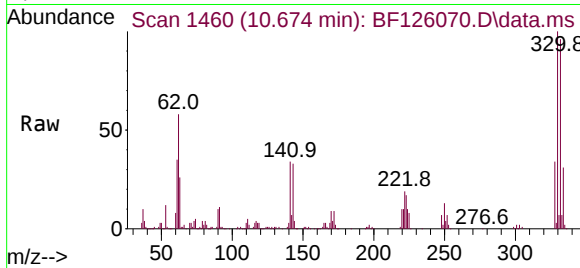
Tgt Ion:330 Resp: 353135

Ion Ratio Lower Upper

330 100

332 96.4 76.2 114.4

141 37.8 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 96.984 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF126070.D

Acq: 8 Nov 2021 17:48

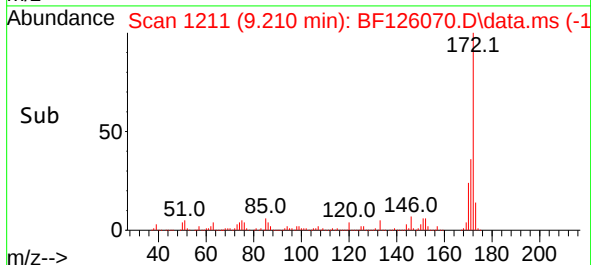
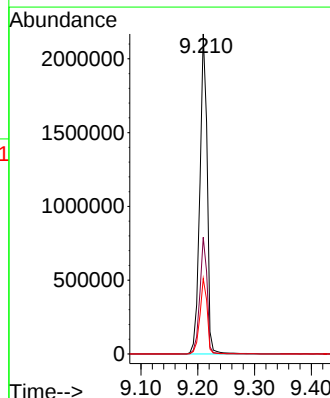
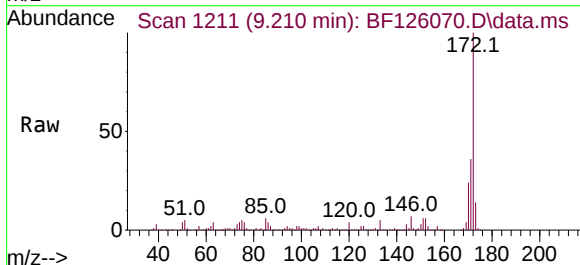
Tgt Ion:172 Resp: 1964758

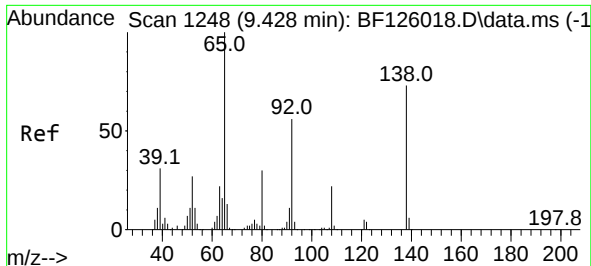
Ion Ratio Lower Upper

172 100

171 36.4 26.5 39.7

170 23.6 18.8 28.2

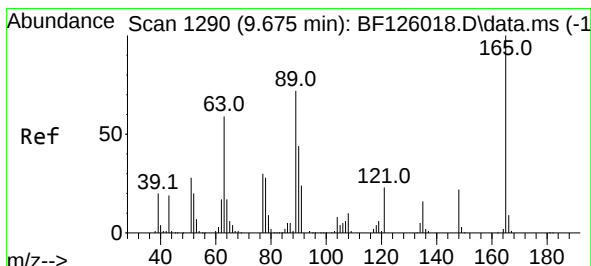
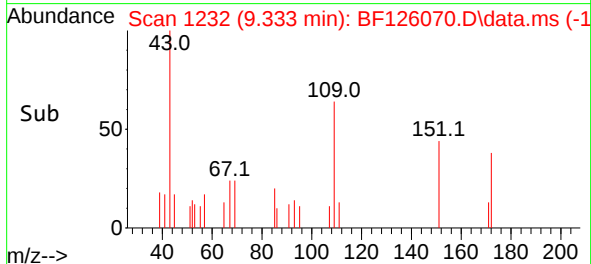
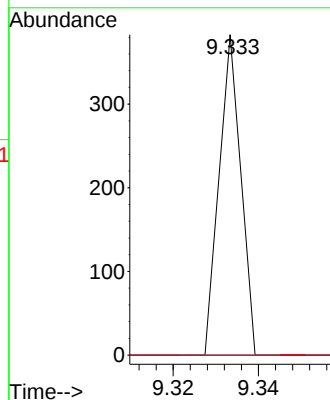
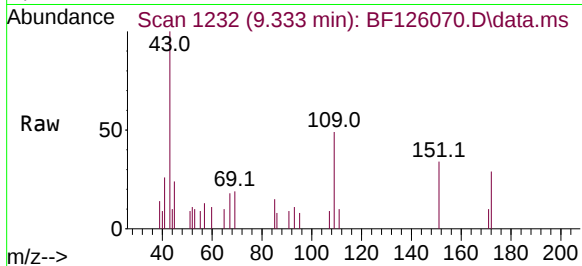




#48
2-Nitroaniline
Concen: 2.873 ng
RT: 9.333 min Scan# 11
Delta R.T. -0.095 min
Lab File: BF126070.D
Acq: 8 Nov 2021 17:48

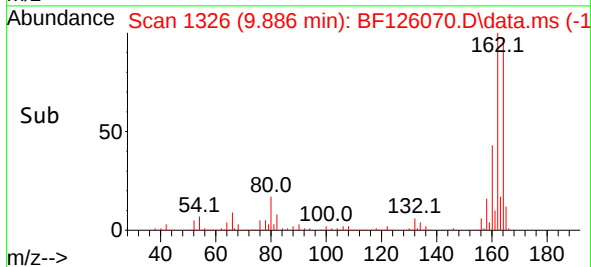
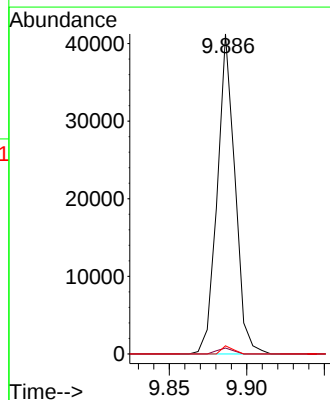
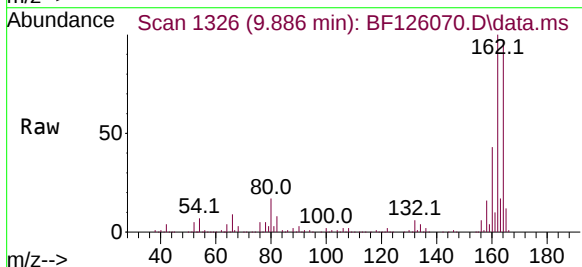
Instrument :
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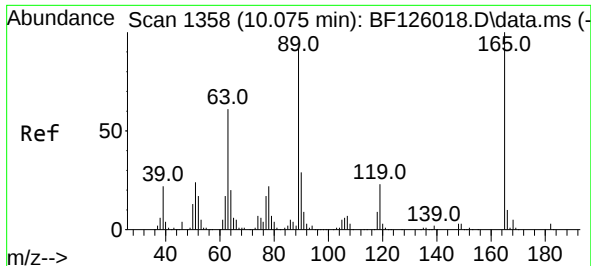
Tgt Ion: 65 Resp: 135
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 9.579 ng
RT: 9.886 min Scan# 1326
Delta R.T. 0.211 min
Lab File: BF126070.D
Acq: 8 Nov 2021 17:48

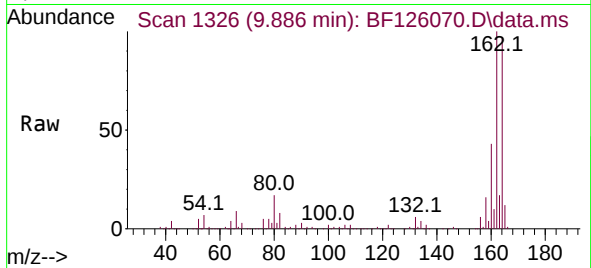
Tgt Ion:165 Resp: 32727
Ion Ratio Lower Upper
165 100
63 1.9 42.6 63.8#
89 2.5 40.6 60.8#



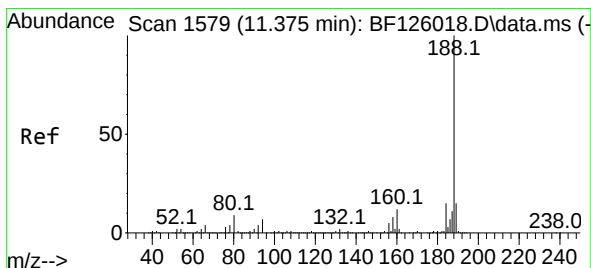
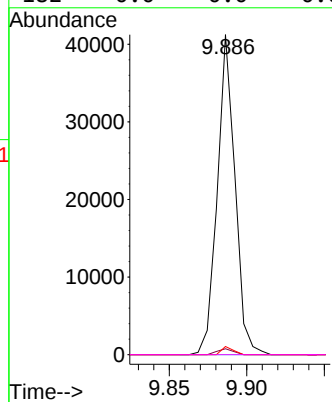
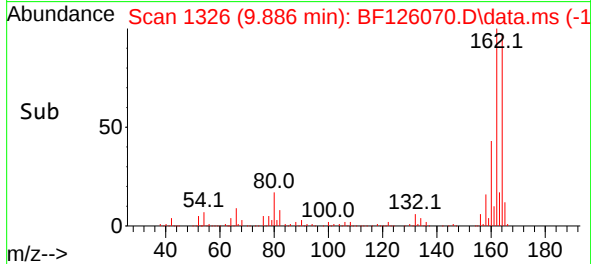


#57
2,4-Dinitrotoluene
Concen: 9.377 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF126070.D
Acq: 8 Nov 2021 17:48

Instrument :
BNA_F
ClientSampleId :
TP-3

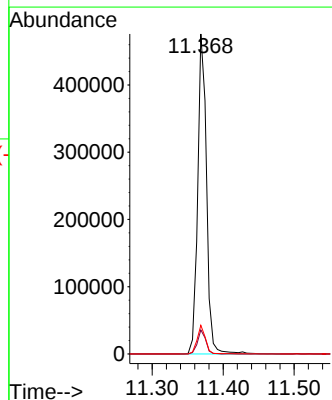
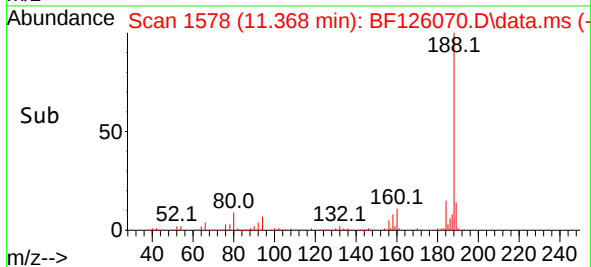
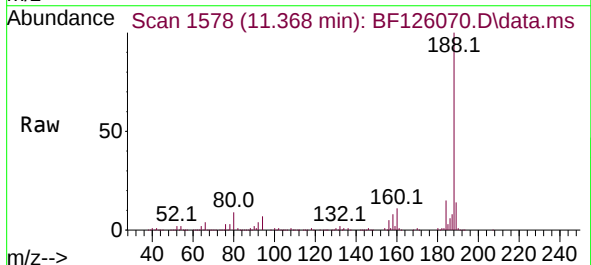


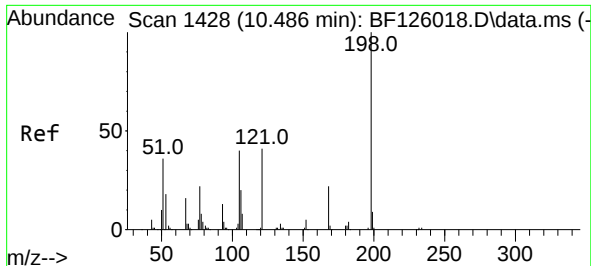
Tgt Ion:165 Resp: 32727
Ion Ratio Lower Upper
165 100
63 1.9 40.9 61.3#
89 2.5 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.368 min Scan# 1578
Delta R.T. -0.007 min
Lab File: BF126070.D
Acq: 8 Nov 2021 17:48

Tgt Ion:188 Resp: 412409
Ion Ratio Lower Upper
188 100
94 7.5 6.7 10.1
80 8.9 7.5 11.3

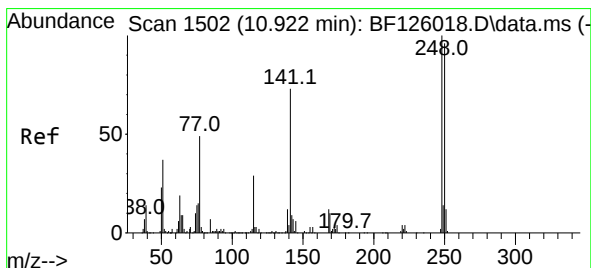
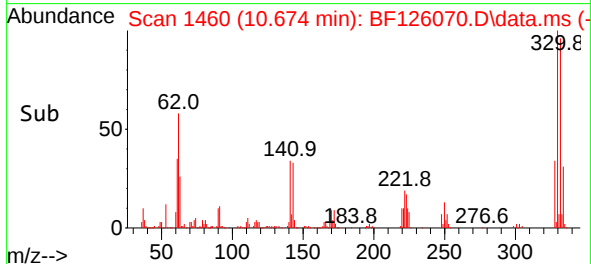
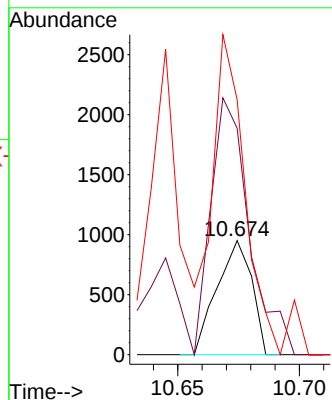
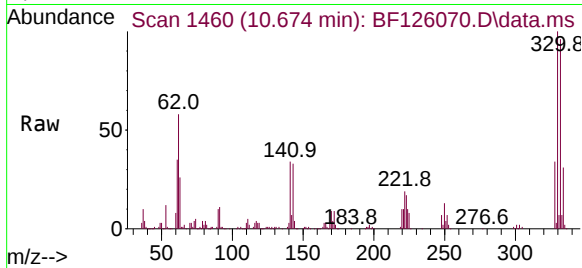




#65
4,6-Dinitro-2-methylphenol
Concen: 8.709 ng
RT: 10.674 min Scan# 1460
Delta R.T. 0.188 min
Lab File: BF126070.D
Acq: 8 Nov 2021 17:48

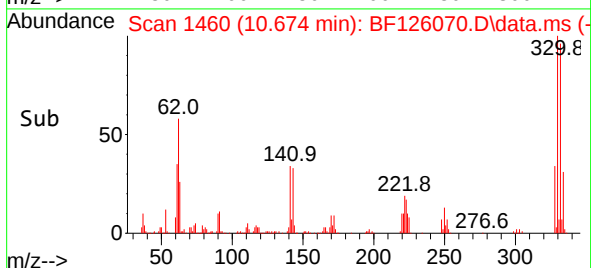
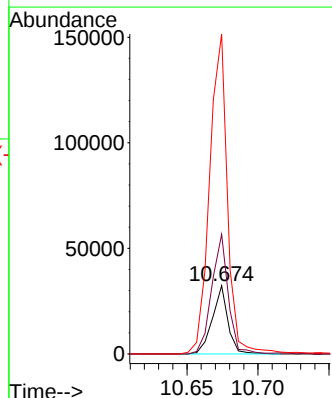
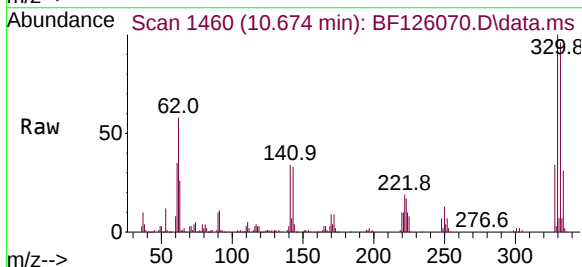
Instrument :
BNA_F
ClientSampleId :
TP-3

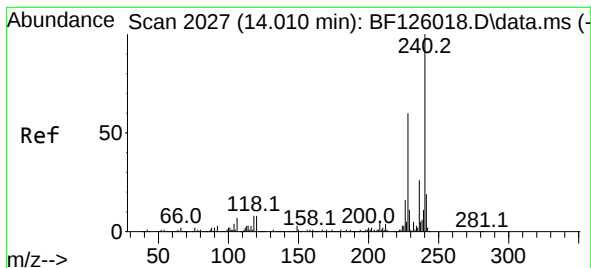
Tgt Ion:198 Resp: 942
Ion Ratio Lower Upper
198 100
51 198.5 45.3 85.3#
105 223.5 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 4.927 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.248 min
Lab File: BF126070.D
Acq: 8 Nov 2021 17:48

Tgt Ion:248 Resp: 24613
Ion Ratio Lower Upper
248 100
250 175.0 74.2 111.4#
141 468.0 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF126070.D

Acq: 8 Nov 2021 17:48

Instrument :

BNA_F

ClientSampleId :

TP-3

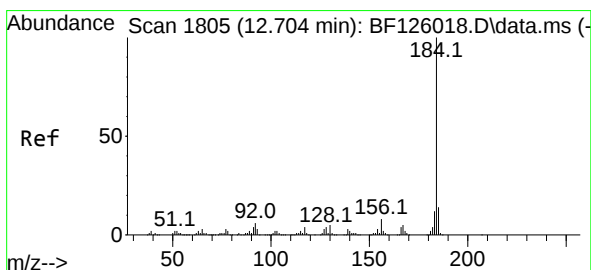
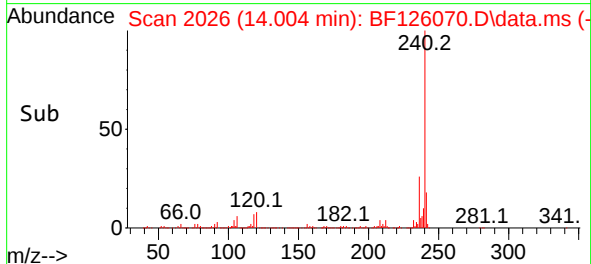
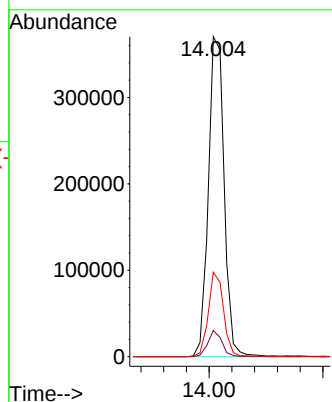
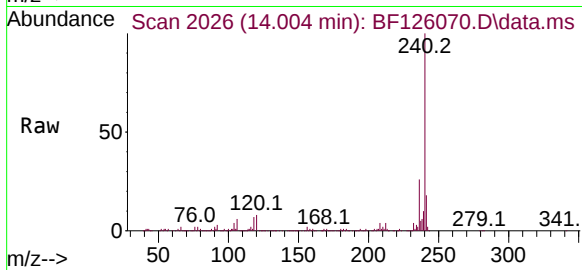
Tgt Ion:240 Resp: 357265

Ion Ratio Lower Upper

240 100

120 8.2 10.8 16.2#

236 26.4 21.6 32.4



#77

Benzidine

Concen: 2.153 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.253 min

Lab File: BF126070.D

Acq: 8 Nov 2021 17:48

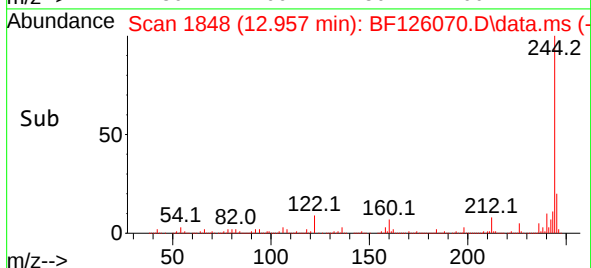
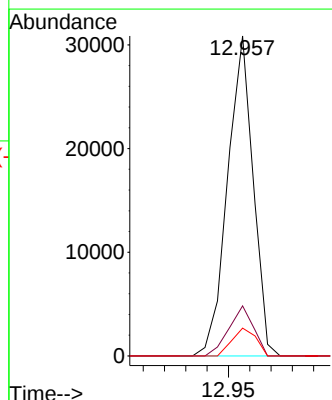
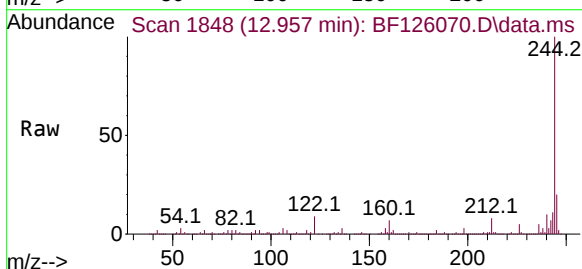
Tgt Ion:184 Resp: 25712

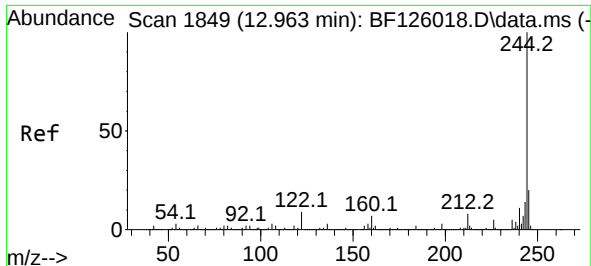
Ion Ratio Lower Upper

184 100

185 15.6 10.8 16.2

183 8.7 8.1 12.1

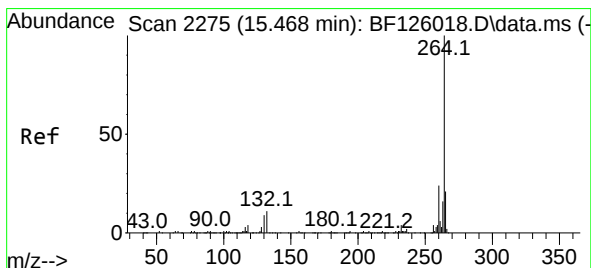
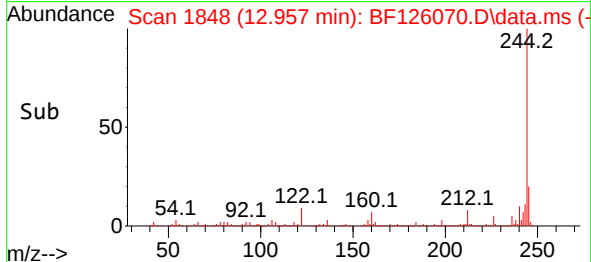
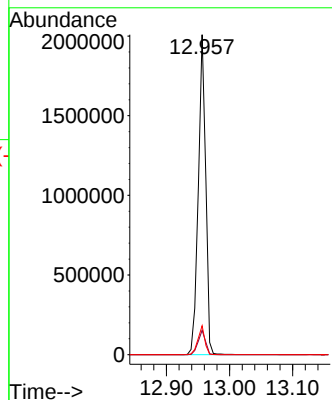
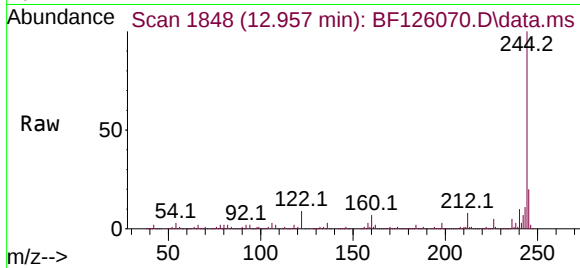




#79
 Terphenyl-d14
 Concen: 73.219 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF126070.D
 Acq: 8 Nov 2021 17:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-3

Tgt Ion:244 Resp: 1622193
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 9.1 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.000 min
 Lab File: BF126070.D
 Acq: 8 Nov 2021 17:48

Tgt Ion:264 Resp: 280347
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.6 29.4
 265 21.1 17.2 25.8

