

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
 Data File : BF126092.D
 Acq On : 9 Nov 2021 20:57
 Operator : JU/CG
 Sample : M4582-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VWE-B10-110621-0-10

Quant Time: Nov 10 10:04:12 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)

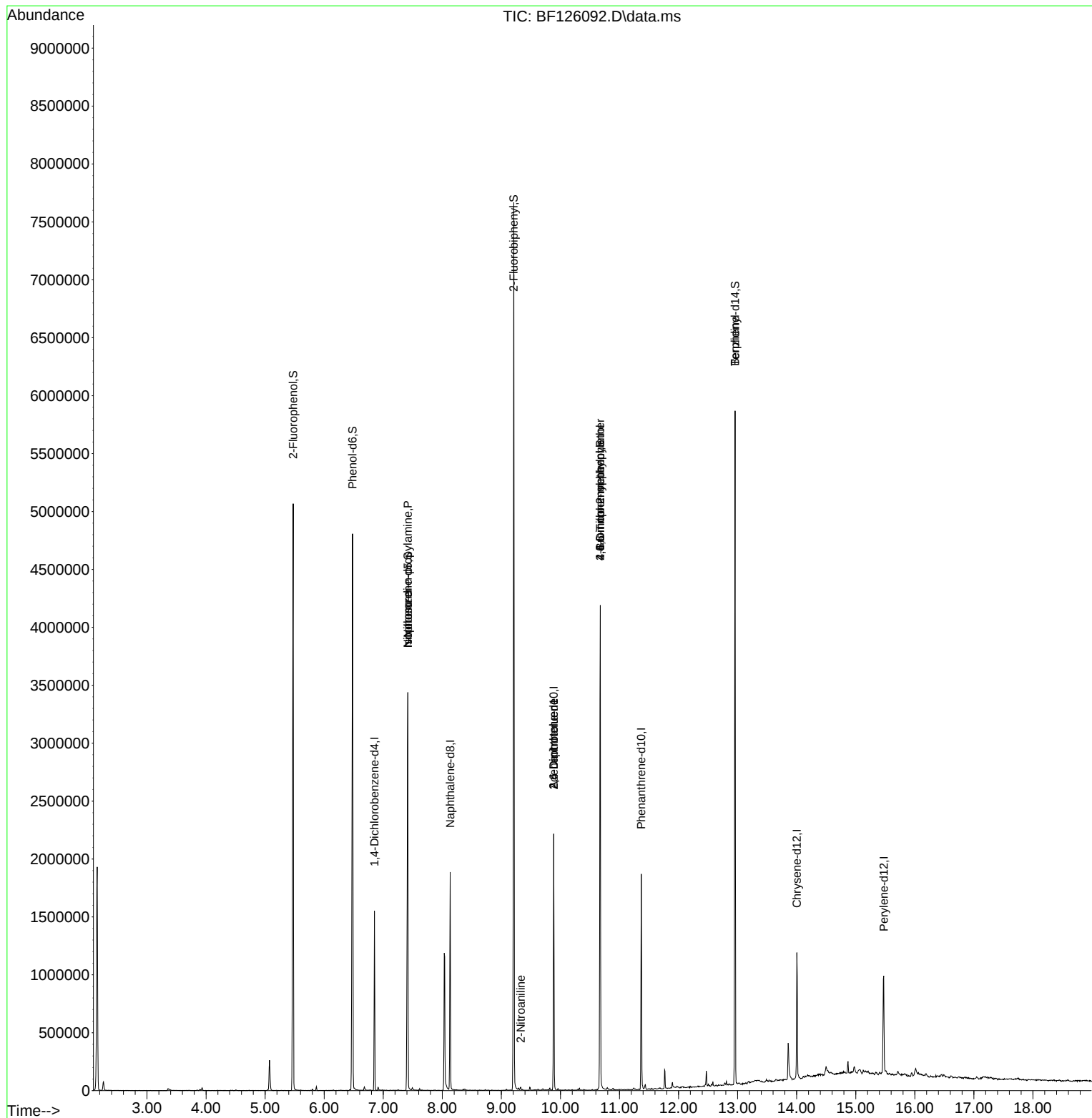
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	184479	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	679799	20.000	ng	# 0.00
39) Acenaphthene-d10	9.886	164	400560	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	626125	20.000	ng	# 0.00
76) Chrysene-d12	14.004	240	372722	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	398440	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1147008	106.773	ng	0.01
7) Phenol-d6	6.481	99	1483367	97.954	ng	0.00
23) Nitrobenzene-d5	7.416	82	1115037	77.354	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	460459	100.308	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2147138	72.438	ng	0.00
79) Terphenyl-d14	12.957	244	1711550	74.049	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.404	77	141	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.416	70	159862	16.013	ng	# 59
25) Isophorone	7.416	82	1107405	42.670	ng	# 59
48) 2-Nitroaniline	9.327	65	262	2.880	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	52258	10.454	ng	# 28
57) 2,4-Dinitrotoluene	9.886	165	52258	9.944	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.674	198	1043	8.603	ng	# 1
67) 4-Bromophenyl-phenylether	10.674	248	29488	3.888	ng	# 1
77) Benzidine	12.957	184	26832	2.154	ng	95

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

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QLast Update : Wed Nov 03 17:21:25 2021
Response via : Initial Calibration

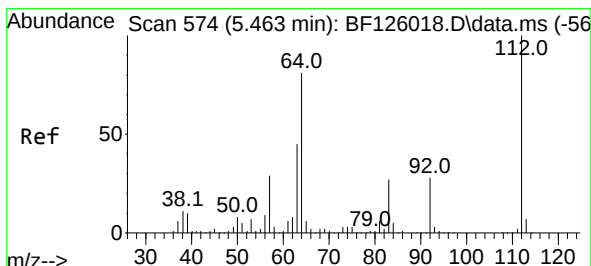
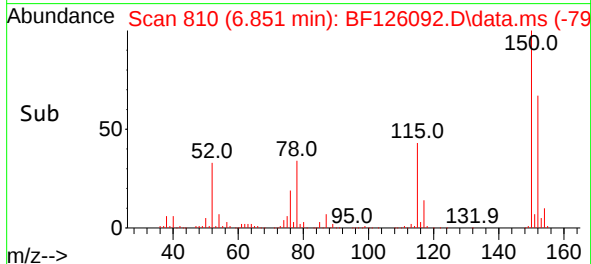
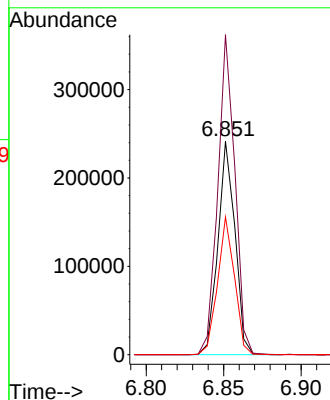
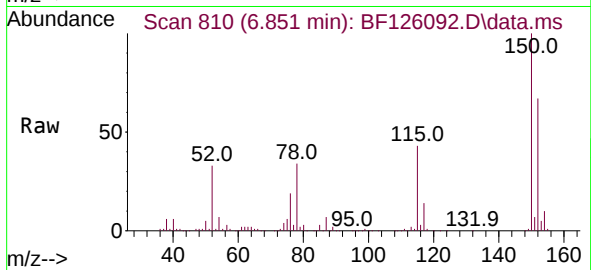




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126092.D
Acq: 9 Nov 2021 20:57

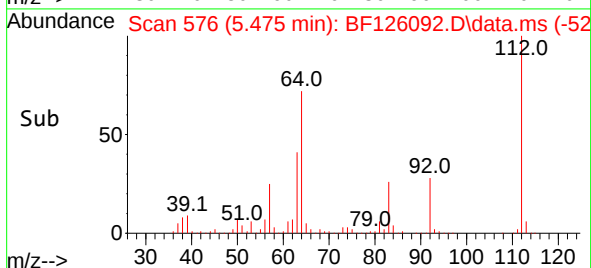
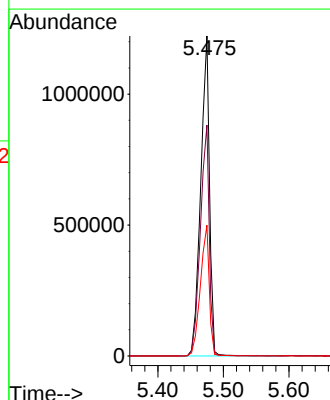
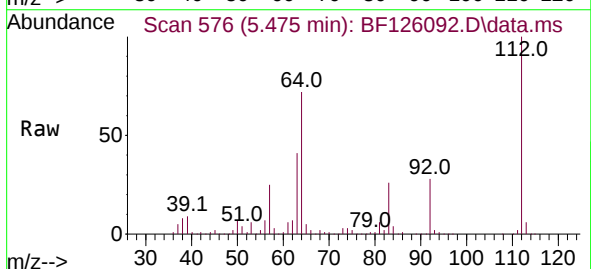
Instrument :
BNA_F
ClientSampleId :
VWE-B10-110621-0-10

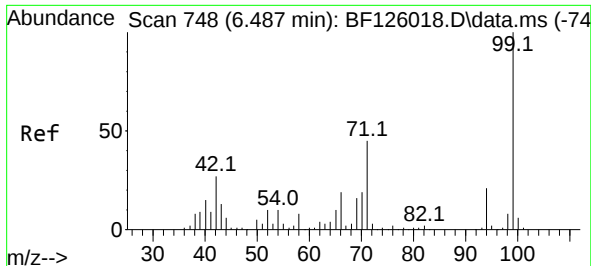
Tgt Ion:152 Resp: 184479
Ion Ratio Lower Upper
152 100
150 149.9 117.6 176.4
115 64.6 47.1 70.7



#5
2-Fluorophenol
Concen: 106.773 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF126092.D
Acq: 9 Nov 2021 20:57

Tgt Ion:112 Resp: 1147008
Ion Ratio Lower Upper
112 100
64 72.1 44.2 66.2#
63 40.9 26.2 39.2#

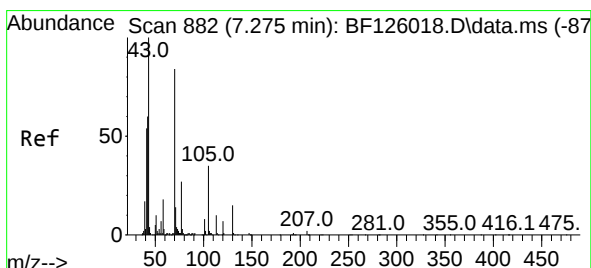
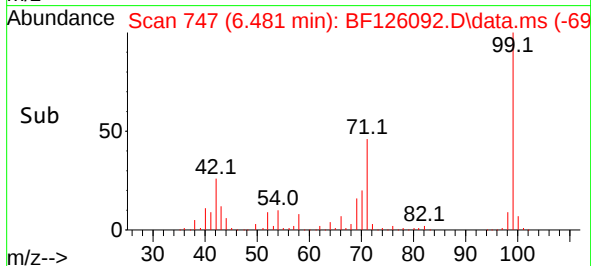
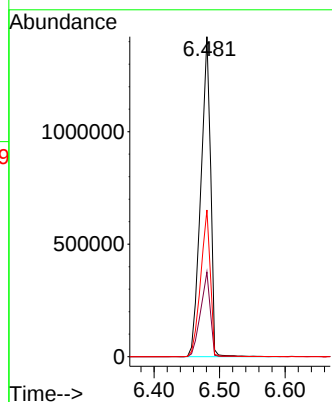
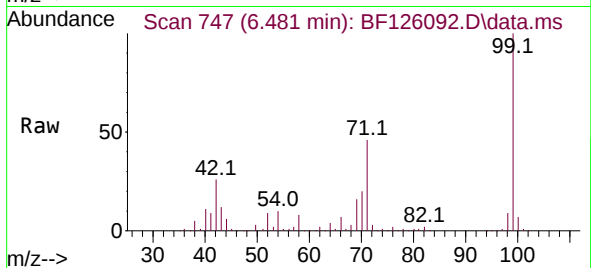




#7
Phenol-d6
Concen: 97.954 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126092.D
Acq: 9 Nov 2021 20:57

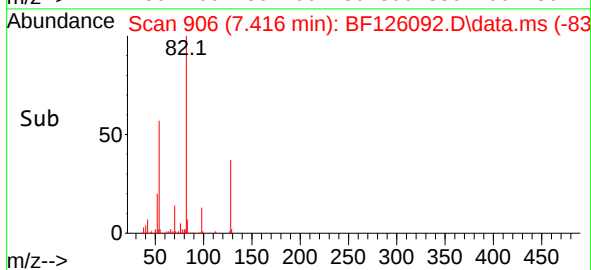
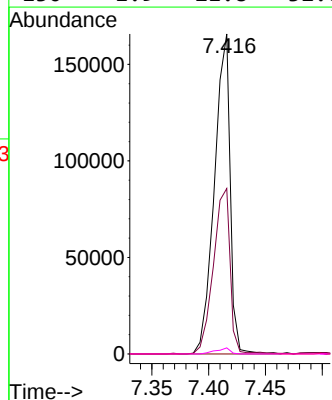
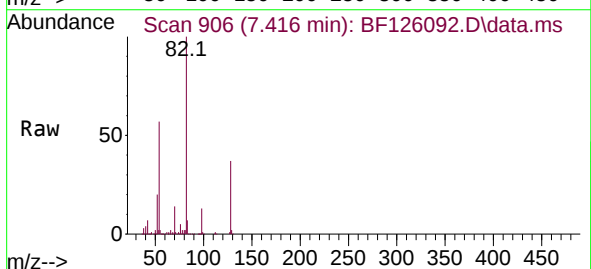
Instrument :
BNA_F
ClientSampleId :
VWE-B10-110621-0-10

Tgt Ion: 99 Resp: 1483367
Ion Ratio Lower Upper
99 100
42 26.5 23.5 35.3
71 45.9 25.6 38.4#



#19
n-Nitroso-di-n-propylamine
Concen: 16.013 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.141 min
Lab File: BF126092.D
Acq: 9 Nov 2021 20:57

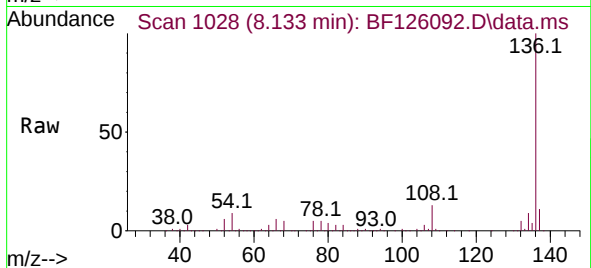
Tgt Ion: 70 Resp: 159862
Ion Ratio Lower Upper
70 100
42 51.7 72.2 108.2#
101 0.0 7.8 11.8#
130 1.9 21.8 32.6#



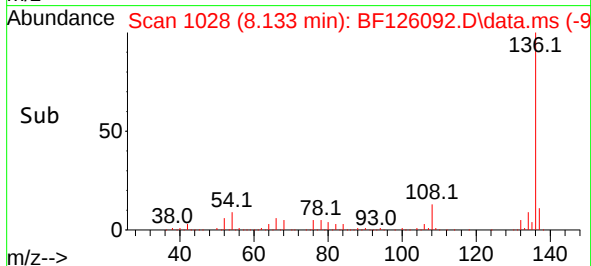
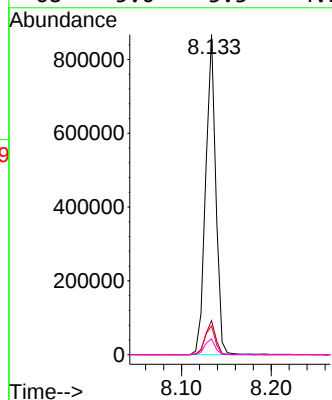


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF126092.D
Acq: 9 Nov 2021 20:57

Instrument :
BNA_F
ClientSampleId :
VWE-B10-110621-0-10

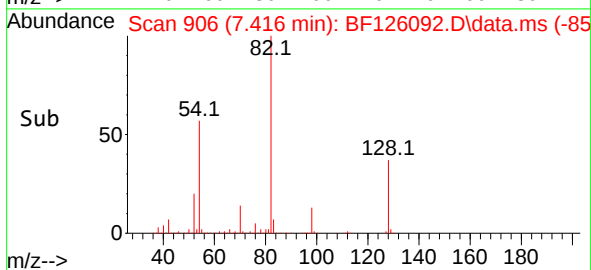
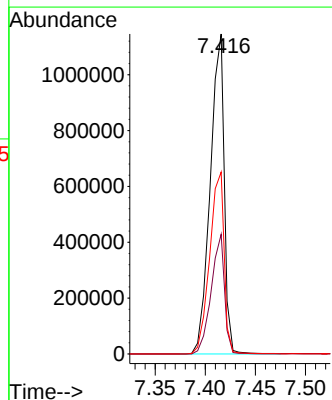
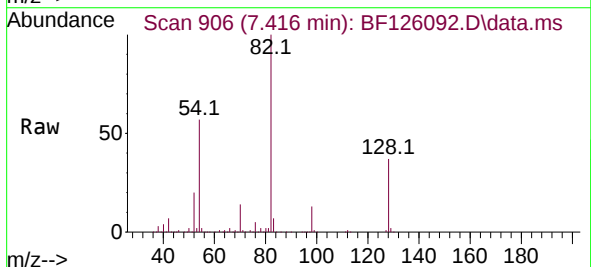


Tgt Ion:136 Resp: 679799
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 9.0 6.4 9.6
68 5.0 3.3 4.9#



#23
Nitrobenzene-d5
Concen: 77.354 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF126092.D
Acq: 9 Nov 2021 20:57

Tgt Ion: 82 Resp: 1115037
Ion Ratio Lower Upper
82 100
128 37.4 40.6 60.8#
54 56.9 49.6 74.4

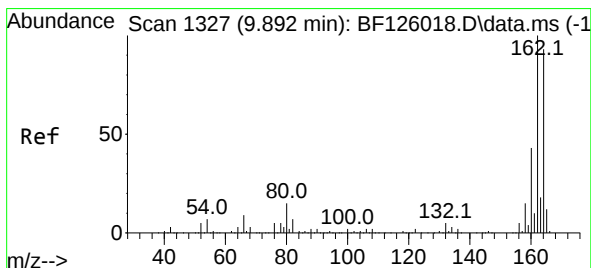
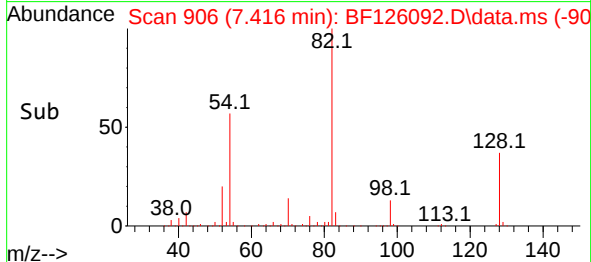
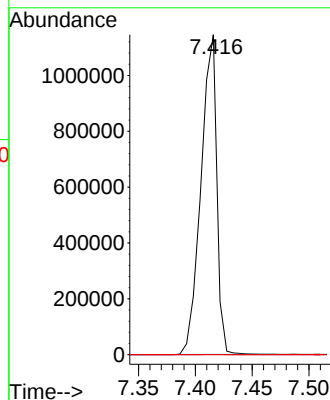
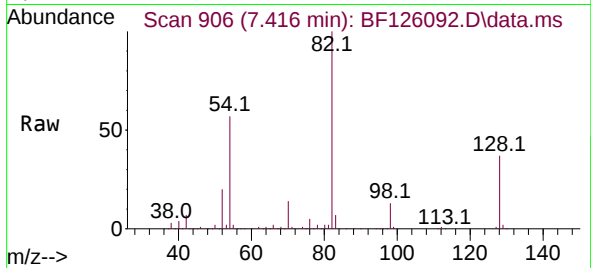




#25
Isophorone
Concen: 42.670 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126092.D
Acq: 9 Nov 2021 20:57

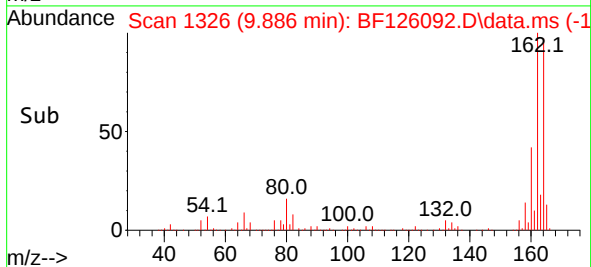
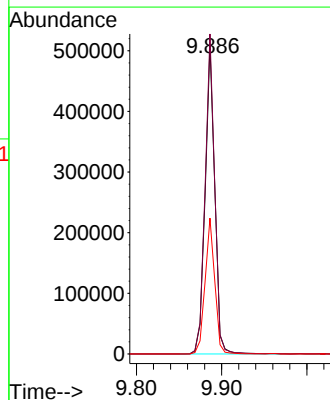
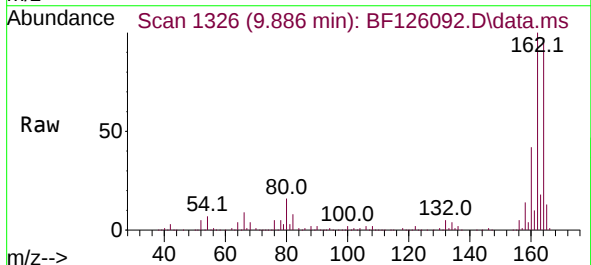
Instrument :
BNA_F
ClientSampleId :
VWE-B10-110621-0-10

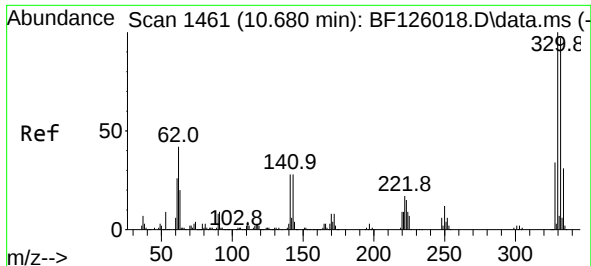
Tgt Ion: 82 Resp: 1107405
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BF126092.D
Acq: 9 Nov 2021 20:57

Tgt Ion:164 Resp: 400560
Ion Ratio Lower Upper
164 100
162 103.5 81.3 121.9
160 43.9 38.0 57.0





#42

2,4,6-Tribromophenol

Concen: 100.308 ng

RT: 10.674 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF126092.D

Acq: 9 Nov 2021 20:57

Instrument :

BNA_F

ClientSampleId :

VWE-B10-110621-0-10

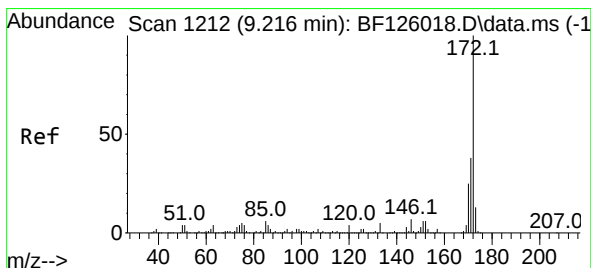
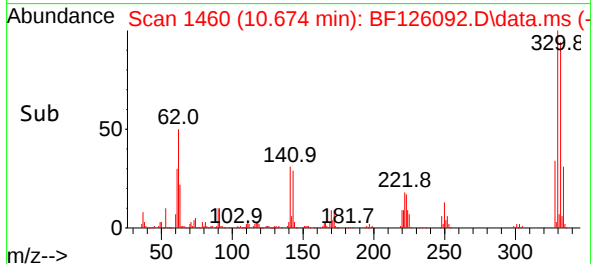
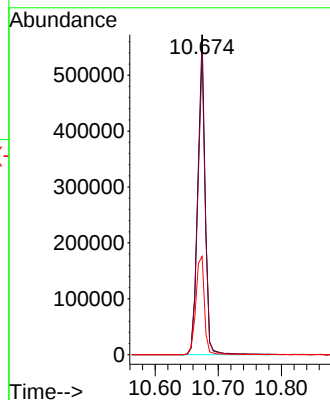
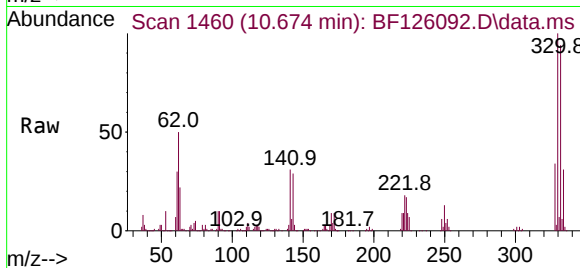
Tgt Ion:330 Resp: 460459

Ion Ratio Lower Upper

330 100

332 95.1 76.2 114.4

141 36.1 44.6 66.8#



#45

2-Fluorobiphenyl

Concen: 72.438 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.006 min

Lab File: BF126092.D

Acq: 9 Nov 2021 20:57

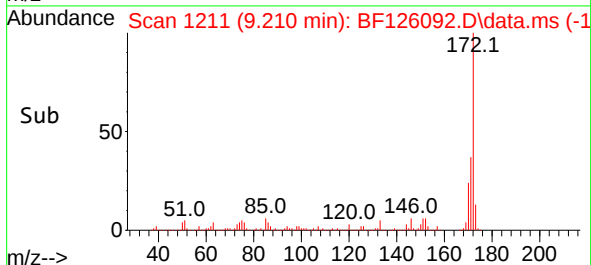
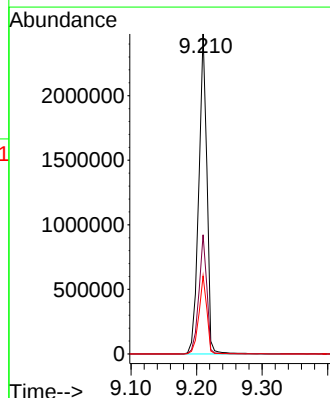
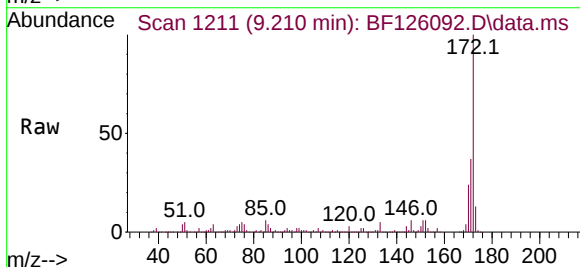
Tgt Ion:172 Resp: 2147138

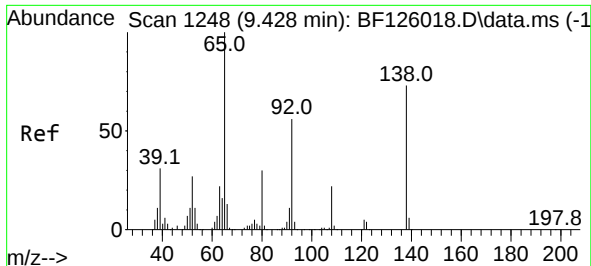
Ion Ratio Lower Upper

172 100

171 37.3 26.5 39.7

170 24.4 18.8 28.2





#48

2-Nitroaniline

Concen: 2.880 ng

RT: 9.327 min Scan# 11

Delta R.T. -0.101 min

Lab File: BF126092.D

Acq: 9 Nov 2021 20:57

Instrument :

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ClientSampleId :

VWE-B10-110621-0-10

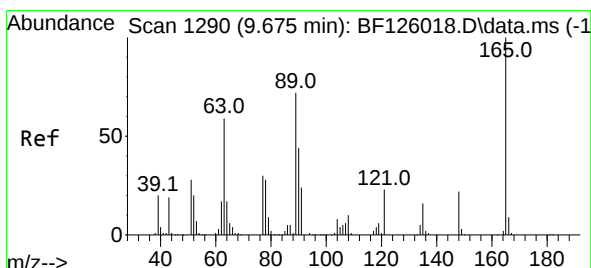
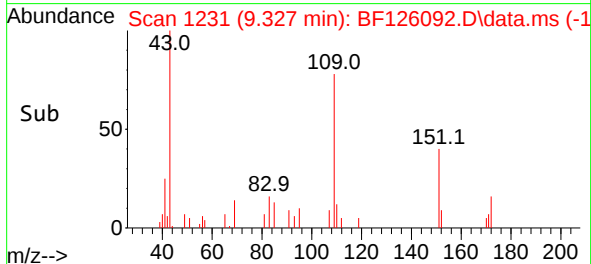
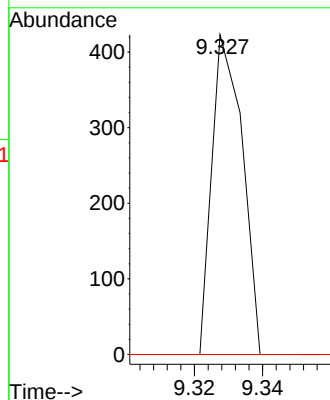
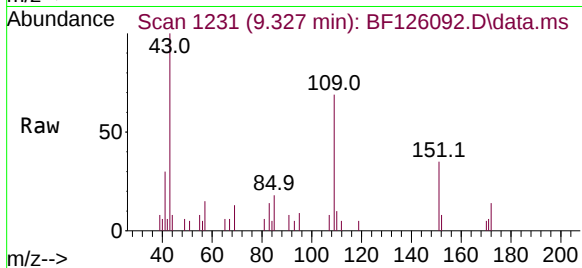
Tgt Ion: 65 Resp: 262

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: 10.454 ng

RT: 9.886 min Scan# 1326

Delta R.T. 0.211 min

Lab File: BF126092.D

Acq: 9 Nov 2021 20:57

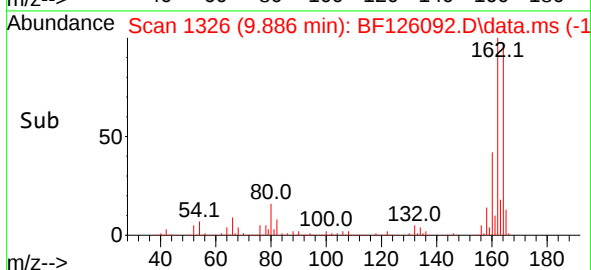
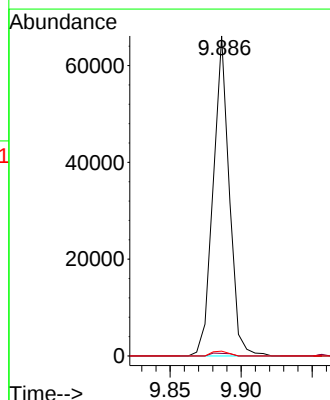
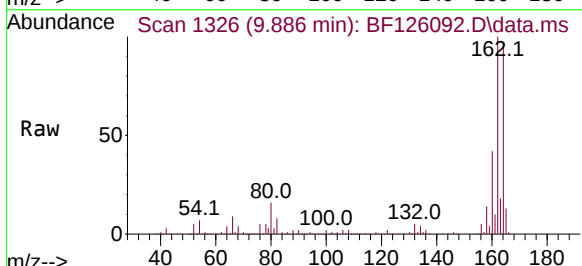
Tgt Ion: 165 Resp: 52258

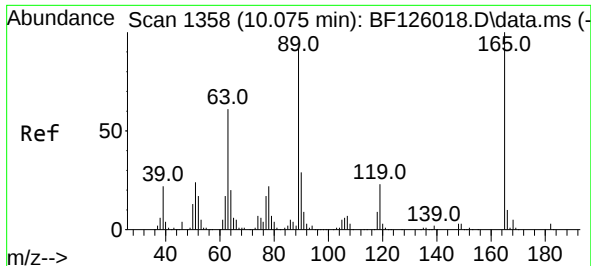
Ion Ratio Lower Upper

165 100

63 0.8 42.6 63.8#

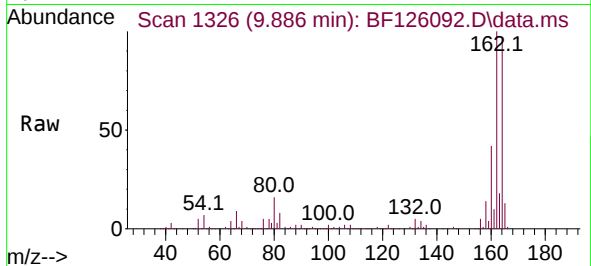
89 1.5 40.6 60.8#



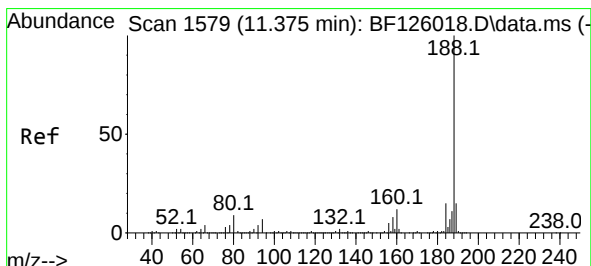
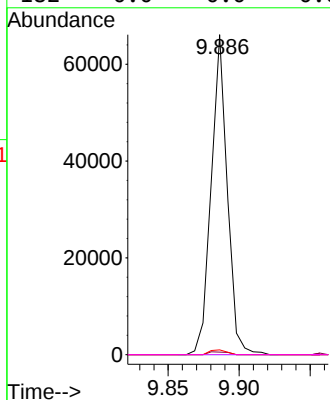
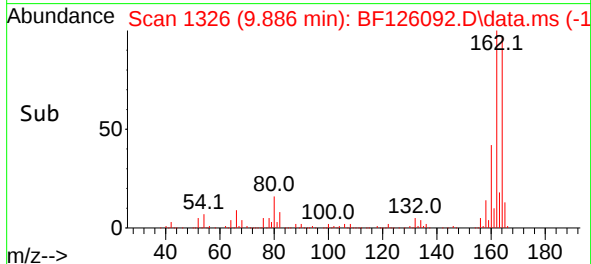


#57
2,4-Dinitrotoluene
Concen: 9.944 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.189 min
Lab File: BF126092.D
Acq: 9 Nov 2021 20:57

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VWE-B10-110621-0-10

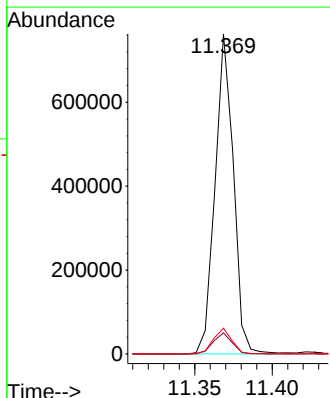
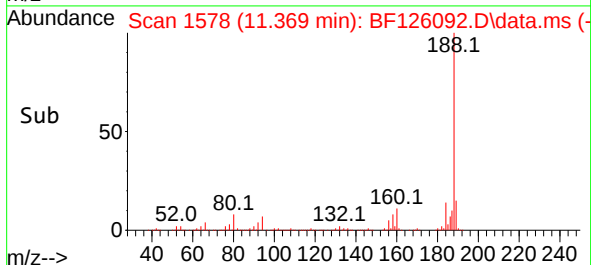
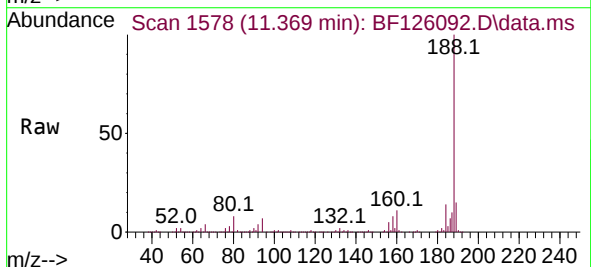


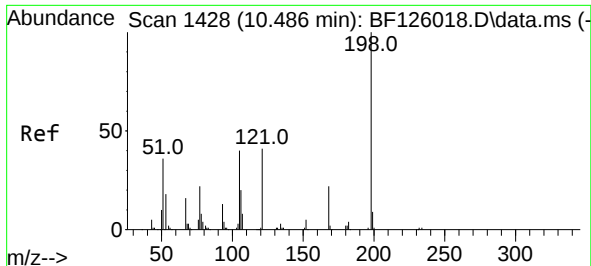
Tgt Ion:165 Resp: 52258
Ion Ratio Lower Upper
165 100
63 0.8 40.9 61.3#
89 1.5 59.7 89.5#
182 0.0 0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1578
Delta R.T. -0.006 min
Lab File: BF126092.D
Acq: 9 Nov 2021 20:57

Tgt Ion:188 Resp: 626125
Ion Ratio Lower Upper
188 100
94 6.6 6.7 10.1#
80 8.0 7.5 11.3

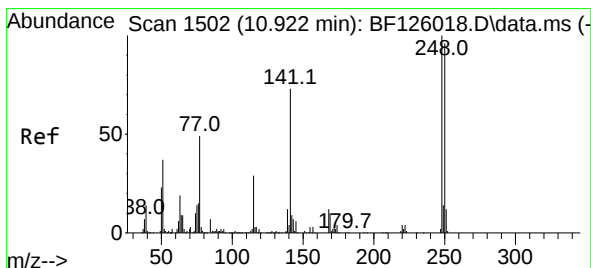
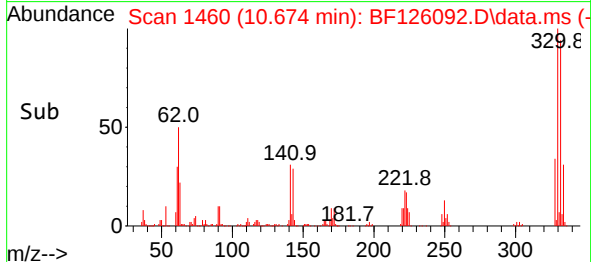
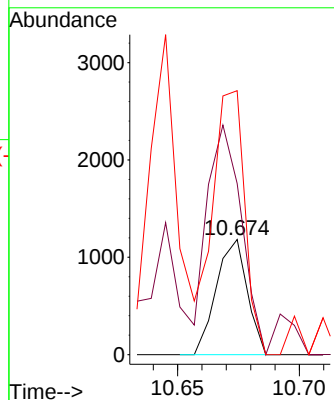
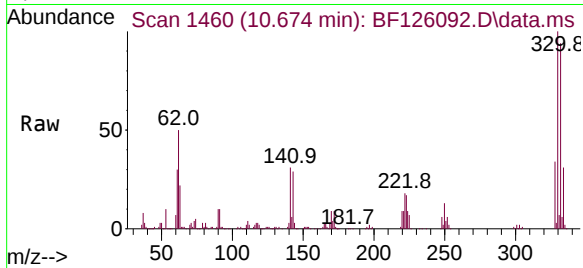




#65
4,6-Dinitro-2-methylphenol
Concen: 8.603 ng
RT: 10.674 min Scan# 1428
Delta R.T. 0.188 min
Lab File: BF126092.D
Acq: 9 Nov 2021 20:57

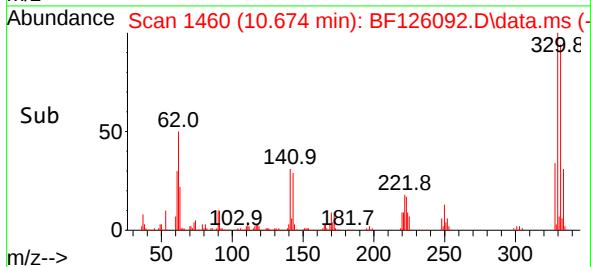
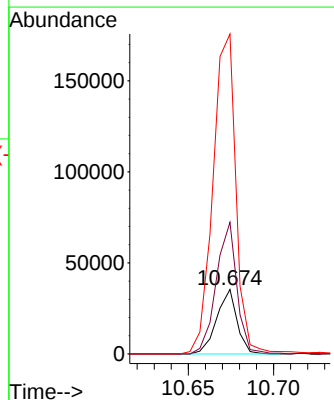
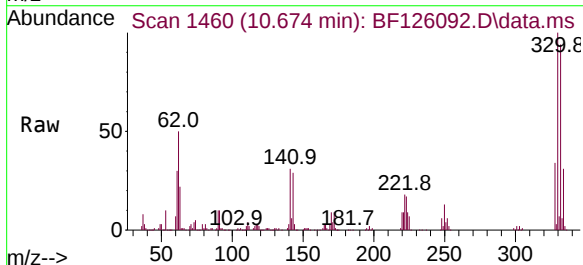
Instrument :
BNA_F
ClientSampleId :
VWE-B10-110621-0-10

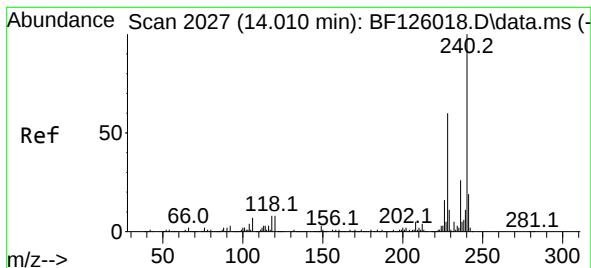
Tgt Ion:198 Resp: 1043
Ion Ratio Lower Upper
198 100
51 148.6 45.3 85.3#
105 229.2 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.888 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.248 min
Lab File: BF126092.D
Acq: 9 Nov 2021 20:57

Tgt Ion:248 Resp: 29488
Ion Ratio Lower Upper
248 100
250 204.2 74.2 111.4#
141 496.0 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: BF126092.D

Acq: 9 Nov 2021 20:57

Instrument :

BNA_F

ClientSampleId :

VWE-B10-110621-0-10

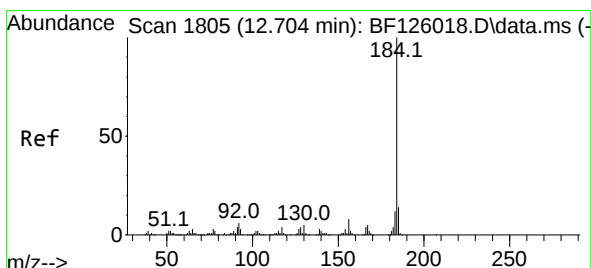
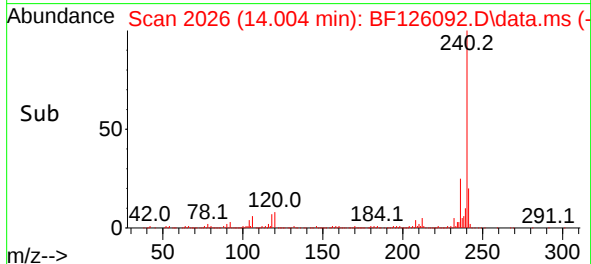
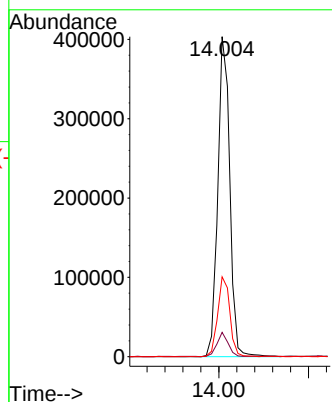
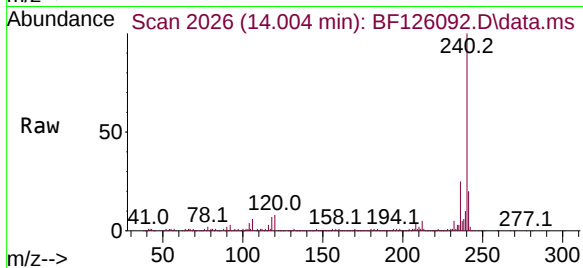
Tgt Ion:240 Resp: 372722

Ion Ratio Lower Upper

240 100

120 7.6 10.8 16.2#

236 24.9 21.6 32.4



#77

Benzidine

Concen: 2.154 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.253 min

Lab File: BF126092.D

Acq: 9 Nov 2021 20:57

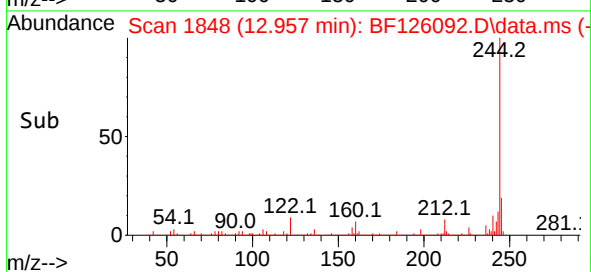
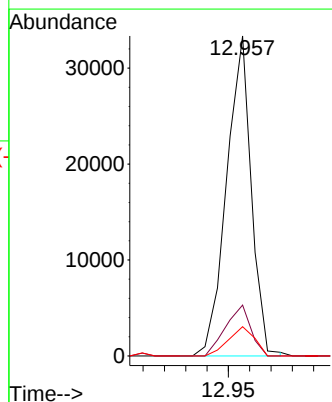
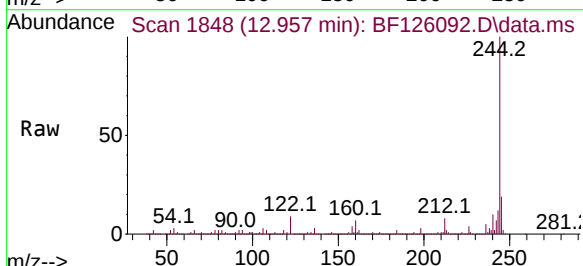
Tgt Ion:184 Resp: 26832

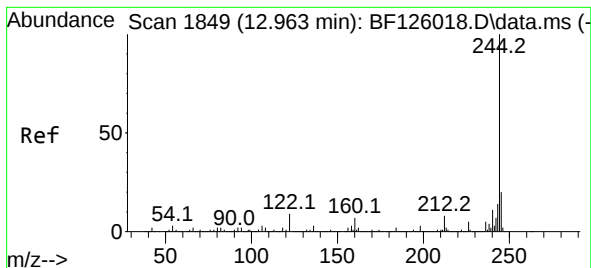
Ion Ratio Lower Upper

184 100

185 15.9 10.8 16.2

183 9.2 8.1 12.1





#79

Terphenyl-d14

Concen: 74.049 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BF126092.D

Acq: 9 Nov 2021 20:57

Instrument :

BNA_F

ClientSampleId :

VWE-B10-110621-0-10

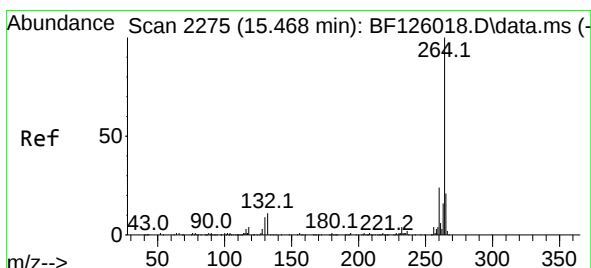
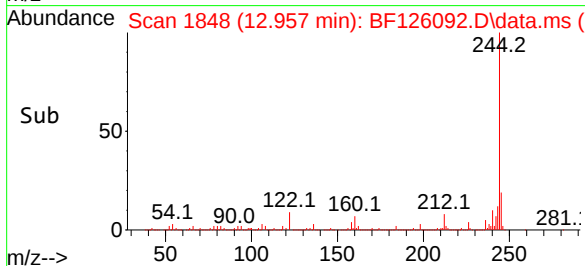
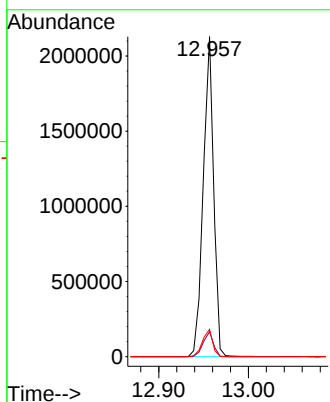
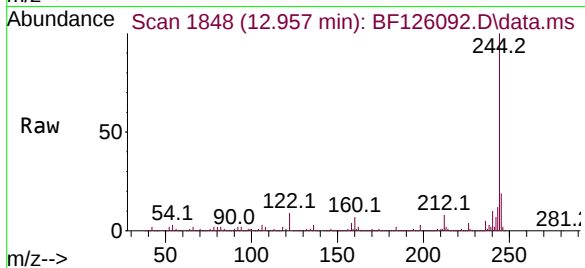
Tgt Ion:244 Resp: 1711550

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

122 8.6 9.0 13.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2276

Delta R.T. 0.006 min

Lab File: BF126092.D

Acq: 9 Nov 2021 20:57

Tgt Ion:264 Resp: 398440

Ion Ratio Lower Upper

264 100

260 23.8 19.6 29.4

265 21.5 17.2 25.8

