

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
 Data File : BF126090.D
 Acq On : 9 Nov 2021 19:51
 Operator : JU/CG
 Sample : M4574-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VWE-B6-110521-20-30

Quant Time: Nov 10 10:03:29 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)

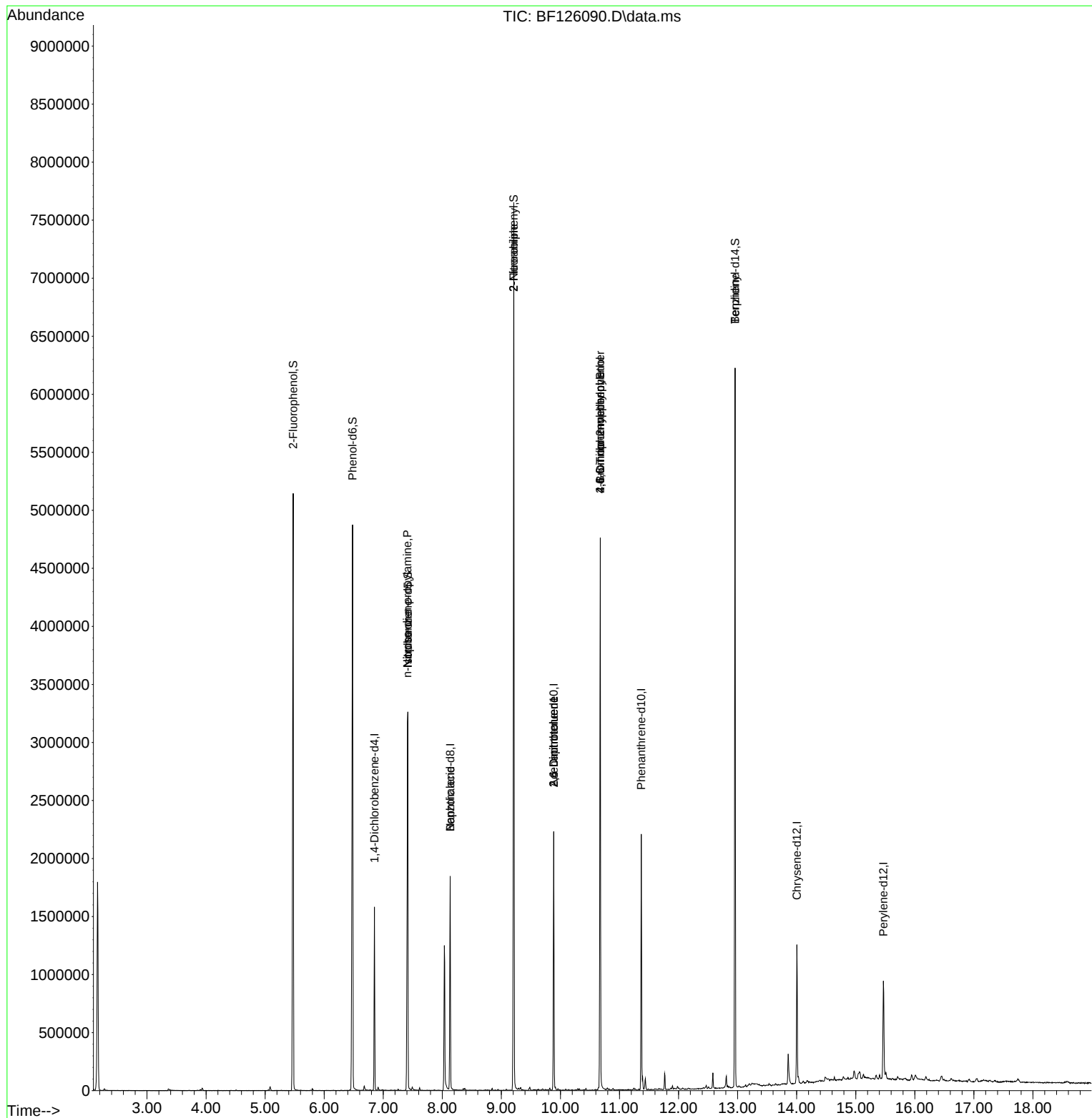
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	188401	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	682822	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	412357	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	702372	20.000	ng	0.00
76) Chrysene-d12	14.004	240	390987	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	398648	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	1178859	107.453	ng	0.01
7) Phenol-d6	6.481	99	1513638	97.873	ng	0.00
23) Nitrobenzene-d5	7.416	82	1128973	77.975	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	479671	101.504	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	2092776	68.584	ng	0.00
79) Terphenyl-d14	12.957	244	1861599	76.778	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.398	77	189	Below Cal	#	29
19) n-Nitroso-di-n-propyla...	7.410	70	162066	15.896	ng	# 58
25) Isophorone	7.416	82	1122058	43.043	ng	# 59
32) Benzoic acid	8.134	122	143	9.162	ng	# 1
48) 2-Nitroaniline	9.210	65	4293	3.341	ng	# 1
51) 2,6-Dinitrotoluene	9.886	165	54198	10.532	ng	# 28
57) 2,4-Dinitrotoluene	9.886	165	54198	9.994	ng	# 20
65) 4,6-Dinitro-2-methylph...	10.675	198	1332	8.642	ng	# 1
67) 4-Bromophenyl-phenylether	10.675	248	31659	3.721	ng	# 1
77) Benzidine	12.957	184	28615	2.189	ng	# 95

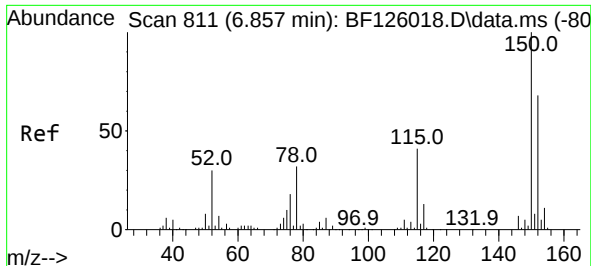
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110921\
Data File : BF126090.D
Acq On : 9 Nov 2021 19:51
Operator : JU/CG
Sample : M4574-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VWE-B6-110521-20-30

Quant Time: Nov 10 10:03:29 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

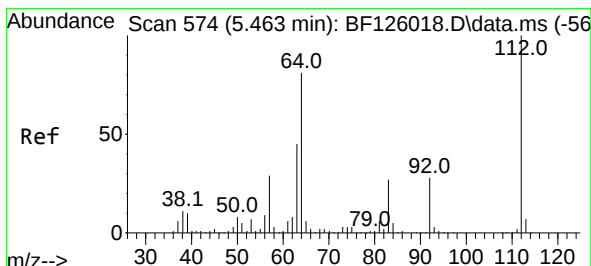
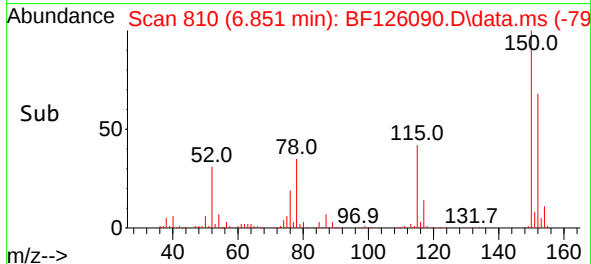
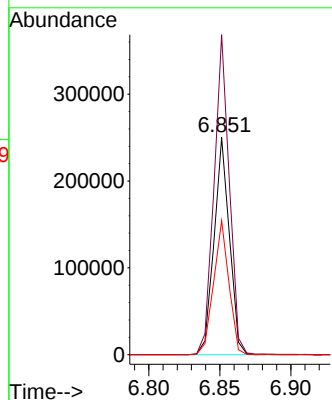
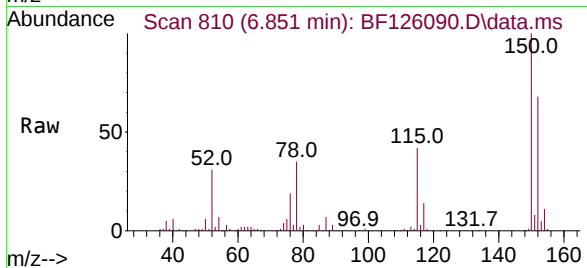




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126090.D
Acq: 9 Nov 2021 19:51

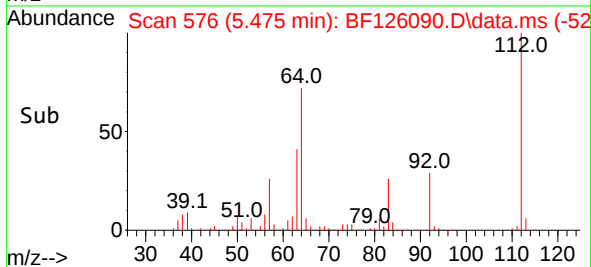
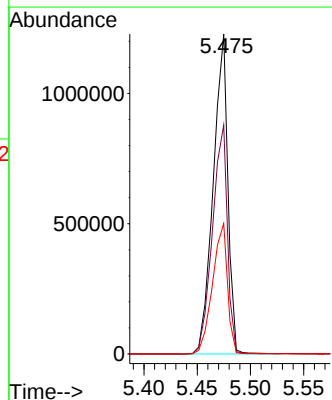
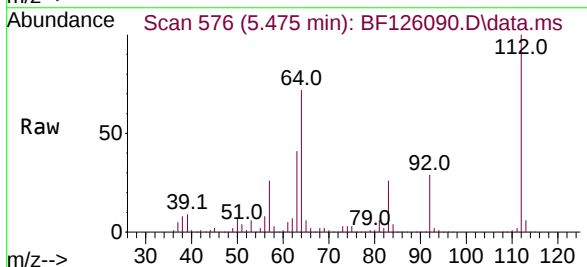
Instrument :
BNA_F
ClientSampleId :
VWE-B6-110521-20-30

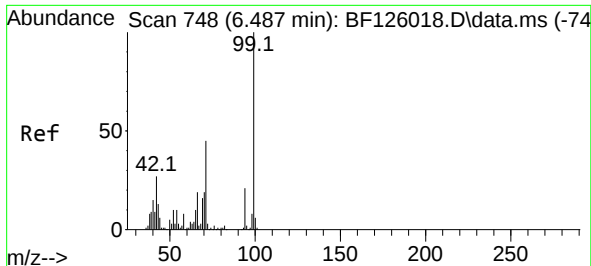
Tgt Ion:152 Resp: 188401
Ion Ratio Lower Upper
152 100
150 147.3 117.6 176.4
115 61.7 47.1 70.7



#5
2-Fluorophenol
Concen: 107.453 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.012 min
Lab File: BF126090.D
Acq: 9 Nov 2021 19:51

Tgt Ion:112 Resp: 1178859
Ion Ratio Lower Upper
112 100
64 71.5 44.2 66.2#
63 40.8 26.2 39.2#

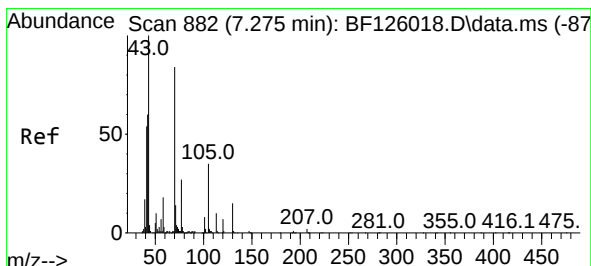
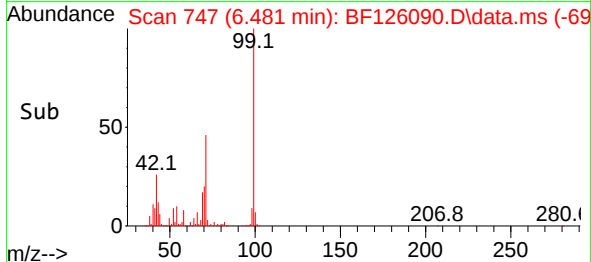
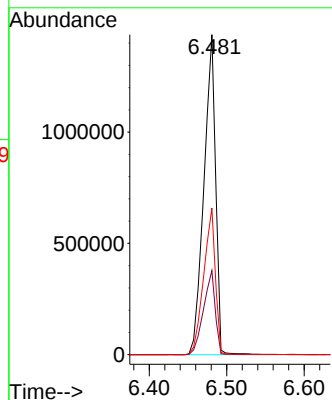
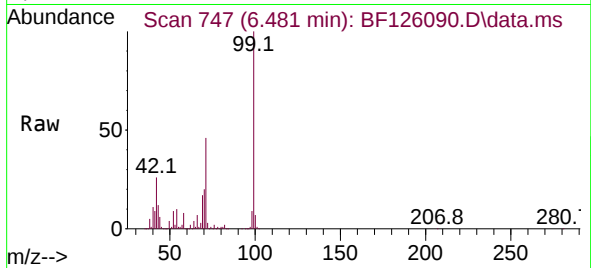




#7
Phenol-d6
Concen: 97.873 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF126090.D
Acq: 9 Nov 2021 19:51

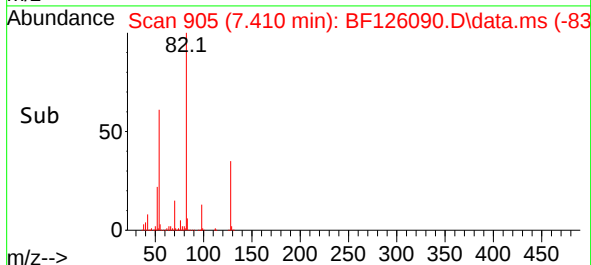
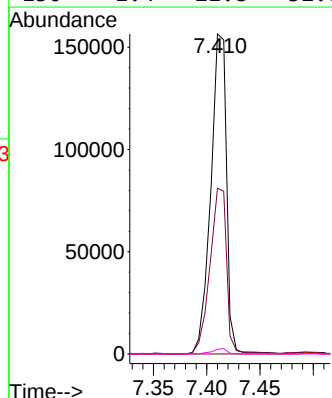
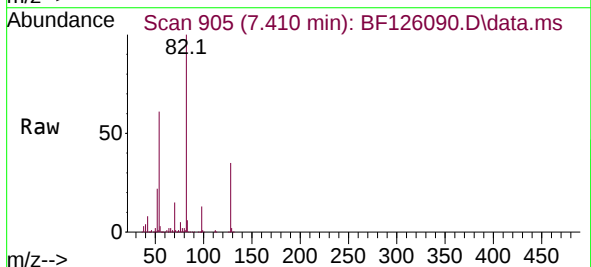
Instrument :
BNA_F
ClientSampleId :
VWE-B6-110521-20-30

Tgt Ion: 99 Resp: 1513638
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: 15.896 ng
RT: 7.410 min Scan# 905
Delta R.T. 0.135 min
Lab File: BF126090.D
Acq: 9 Nov 2021 19:51

Tgt Ion: 70 Resp: 162066
Ion Ratio Lower Upper
70 100
42 51.8 72.2 108.2#
101 0.0 7.8 11.8#
130 1.4 21.8 32.6#



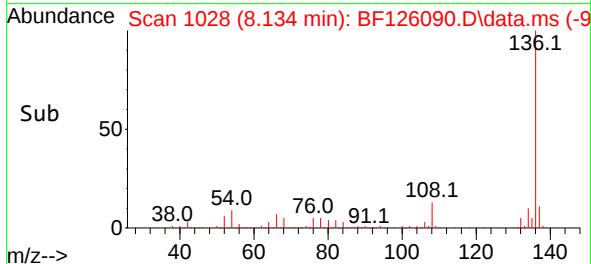
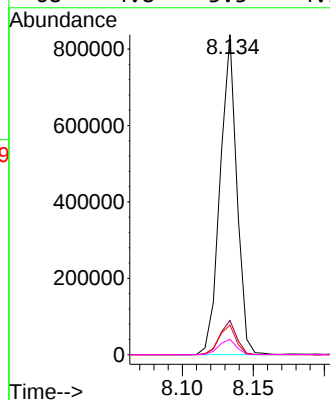
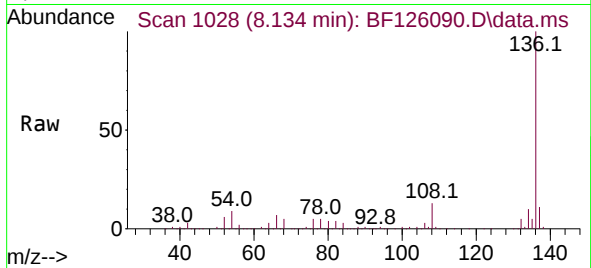


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1029
Delta R.T. -0.005 min
Lab File: BF126090.D
Acq: 9 Nov 2021 19:51

Instrument :
BNA_F
ClientSampleId :
VWE-B6-110521-20-30

Tgt Ion:136 Resp: 682822

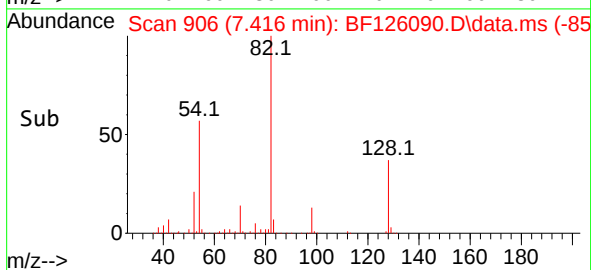
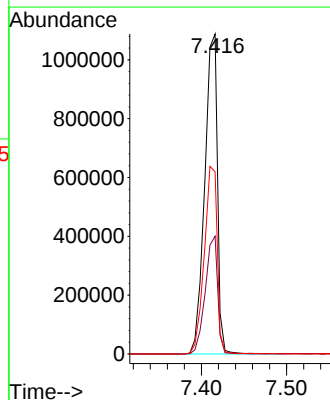
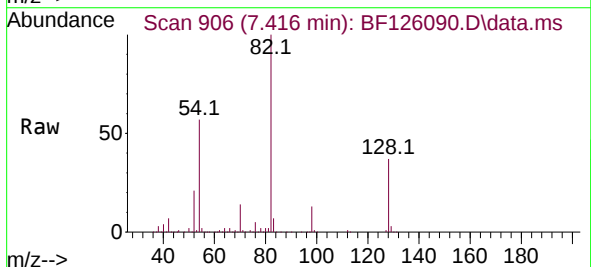
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.8	14.6
54	9.2	6.4	9.6
68	4.8	3.3	4.9



#23
Nitrobenzene-d5
Concen: 77.975 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF126090.D
Acq: 9 Nov 2021 19:51

Tgt Ion: 82 Resp: 1128973

Ion	Ratio	Lower	Upper
82	100		
128	36.8	40.6	60.8#
54	56.9	49.6	74.4

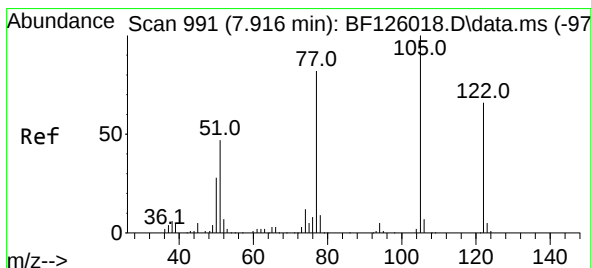
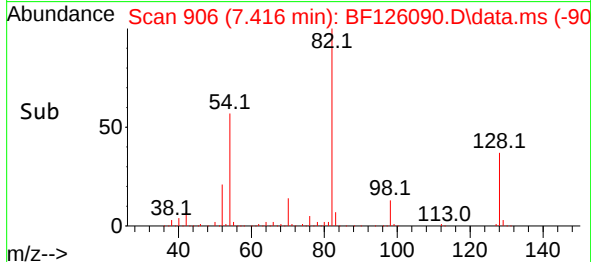
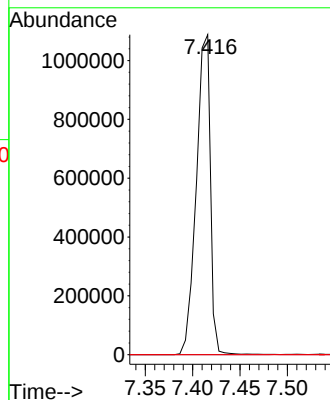
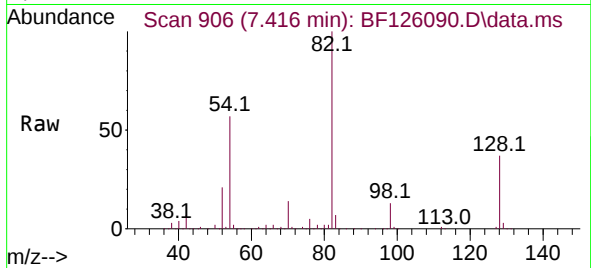




#25
Isophorone
Concen: 43.043 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF126090.D
Acq: 9 Nov 2021 19:51

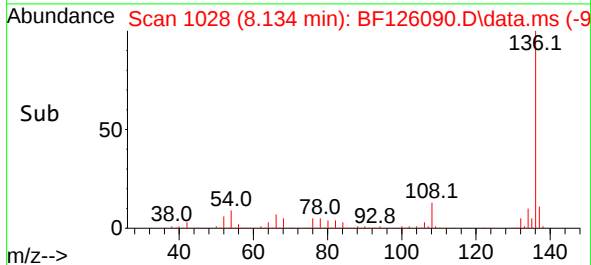
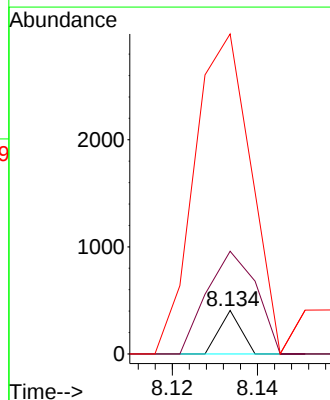
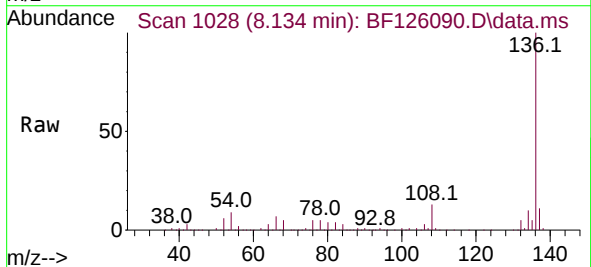
Instrument :
BNA_F
ClientSampleId :
VWE-B6-110521-20-30

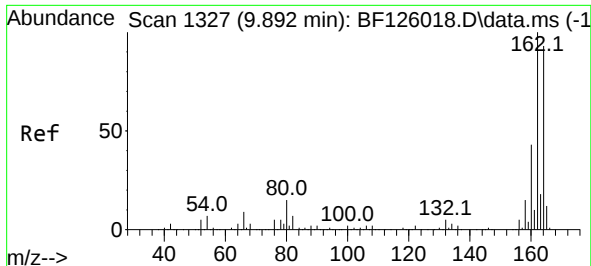
Tgt Ion: 82 Resp: 1122058
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#



#32
Benzoic acid
Concen: 9.162 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.218 min
Lab File: BF126090.D
Acq: 9 Nov 2021 19:51

Tgt Ion:122 Resp: 143
Ion Ratio Lower Upper
122 100
105 236.2 97.6 137.6#
77 736.0 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: BF126090.D

Acq: 9 Nov 2021 19:51

Instrument :

BNA_F

ClientSampleId :

VWE-B6-110521-20-30

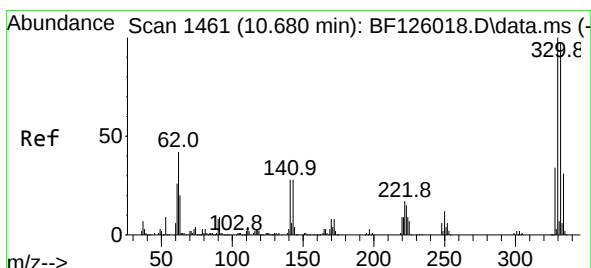
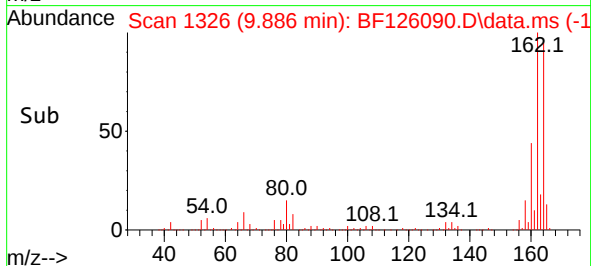
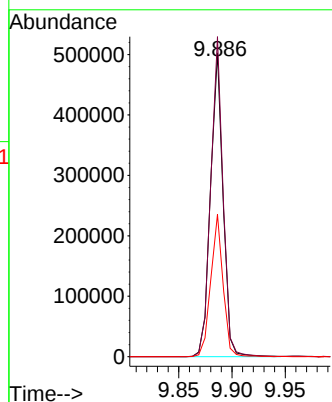
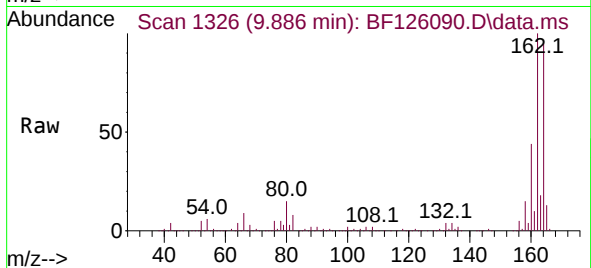
Tgt Ion:164 Resp: 412357

Ion Ratio Lower Upper

164 100

162 105.3 81.3 121.9

160 46.8 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 101.504 ng

RT: 10.675 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF126090.D

Acq: 9 Nov 2021 19:51

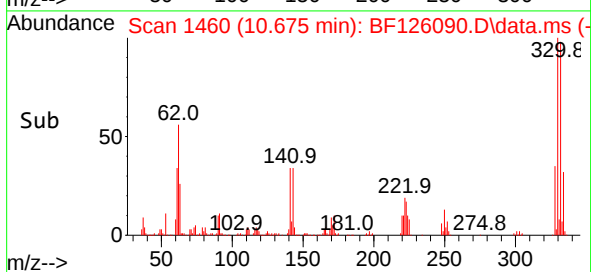
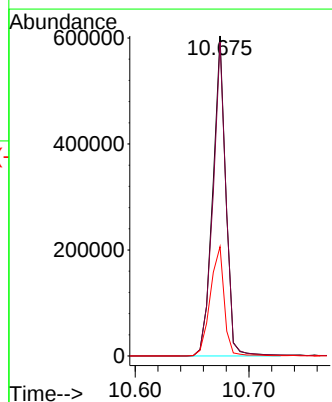
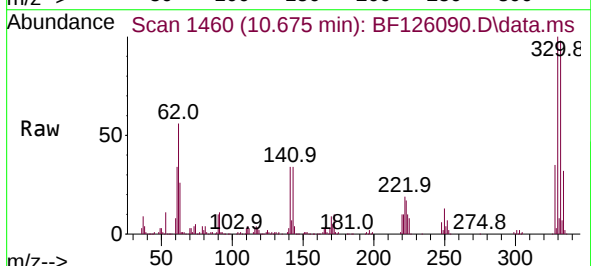
Tgt Ion:330 Resp: 479671

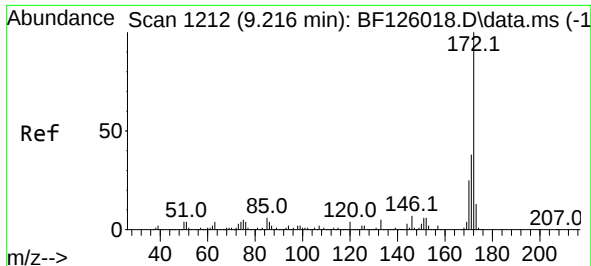
Ion Ratio Lower Upper

330 100

332 98.6 76.2 114.4

141 36.8 44.6 66.8#



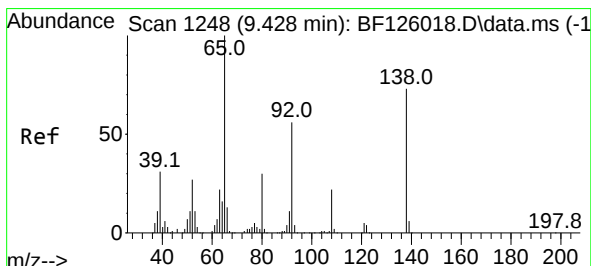
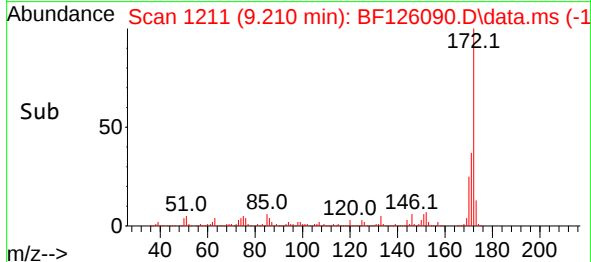
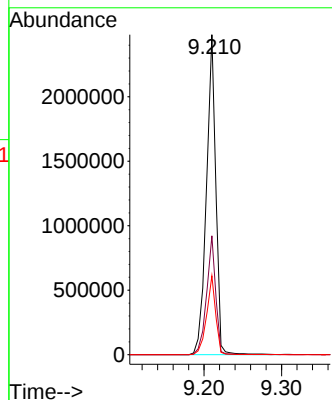
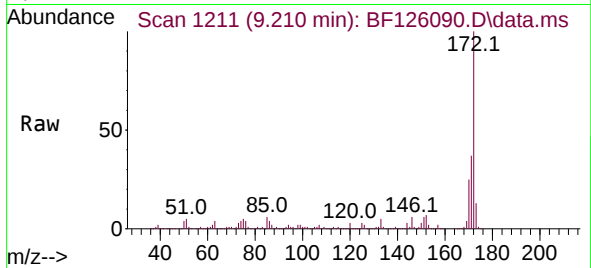


#45
2-Fluorobiphenyl
Concen: 68.584 ng
RT: 9.210 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF126090.D
Acq: 9 Nov 2021 19:51

Instrument :
BNA_F
ClientSampleId :
VWE-B6-110521-20-30

Tgt Ion:172 Resp: 2092776

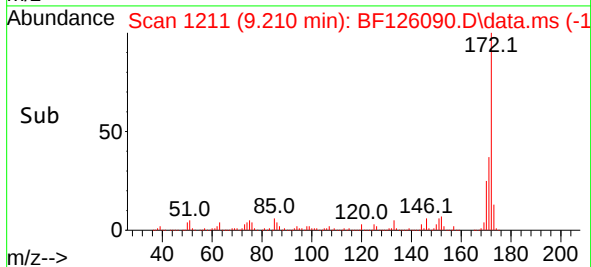
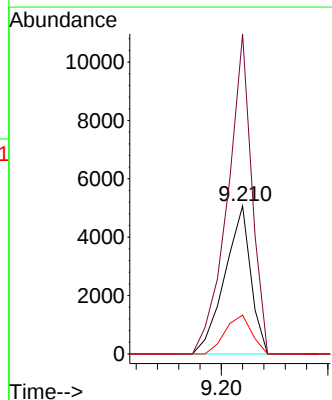
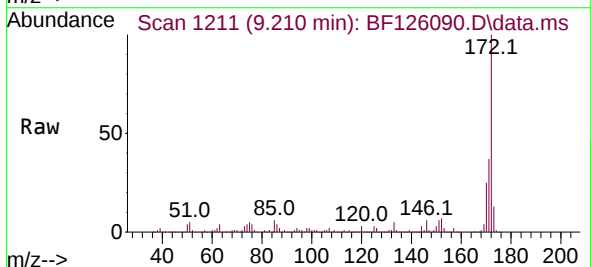
Ion	Ratio	Lower	Upper
172	100		
171	37.1	26.5	39.7
170	24.6	18.8	28.2

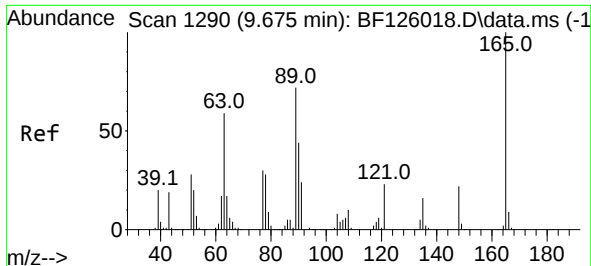


#48
2-Nitroaniline
Concen: 3.341 ng
RT: 9.210 min Scan# 1211
Delta R.T. -0.218 min
Lab File: BF126090.D
Acq: 9 Nov 2021 19:51

Tgt Ion: 65 Resp: 4293

Ion	Ratio	Lower	Upper
65	100		
92	216.2	55.5	83.3#
138	26.3	93.5	140.3#

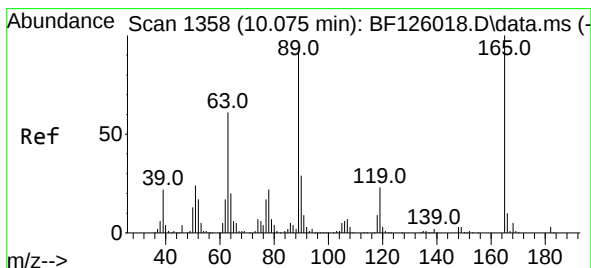
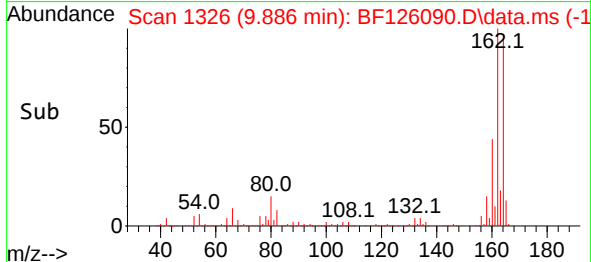
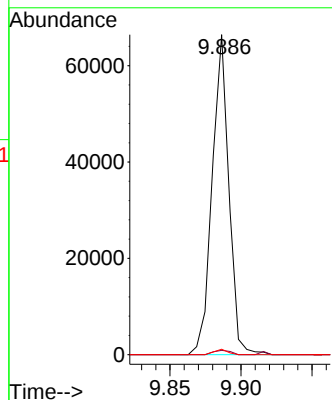
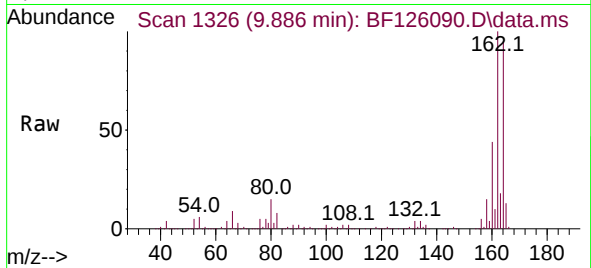




#51
2,6-Dinitrotoluene
Concen: 10.532 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.211 min
Lab File: BF126090.D
Acq: 9 Nov 2021 19:51

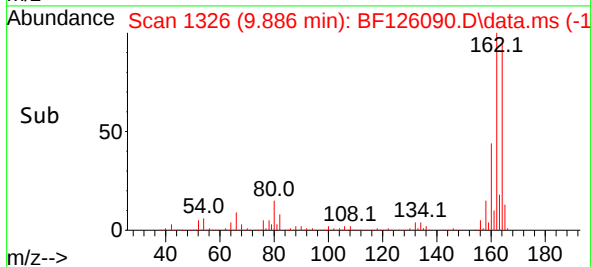
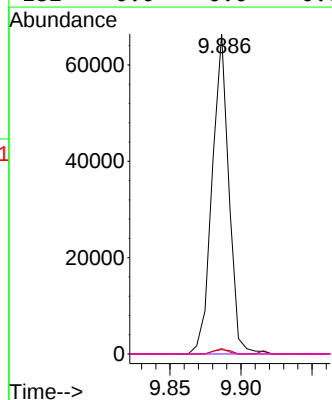
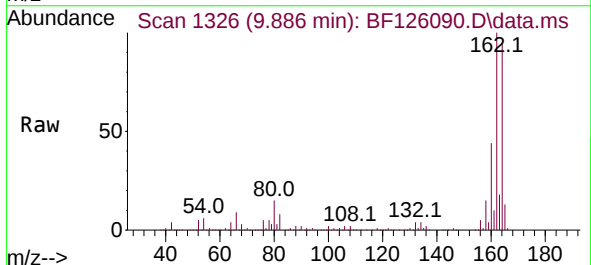
Instrument :
BNA_F
ClientSampleId :
VWE-B6-110521-20-30

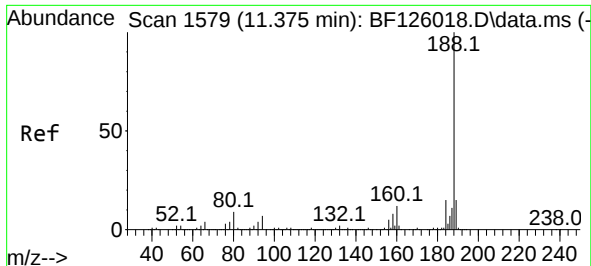
Tgt Ion:165 Resp: 54198
Ion Ratio Lower Upper
165 100
63 1.4 42.6 63.8#
89 1.7 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 9.994 ng
RT: 9.886 min Scan# 1326
Delta R.T. -0.189 min
Lab File: BF126090.D
Acq: 9 Nov 2021 19:51

Tgt Ion:165 Resp: 54198
Ion Ratio Lower Upper
165 100
63 1.4 40.9 61.3#
89 1.7 59.7 89.5#
182 0.0 0.0 0.0

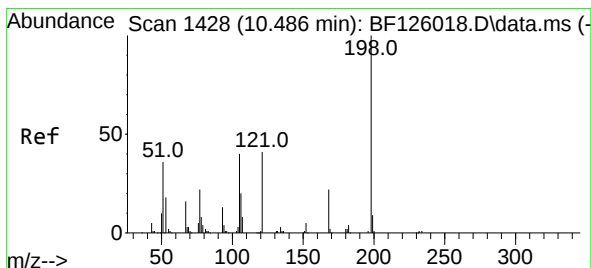
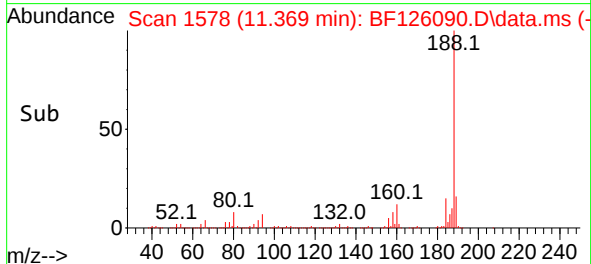
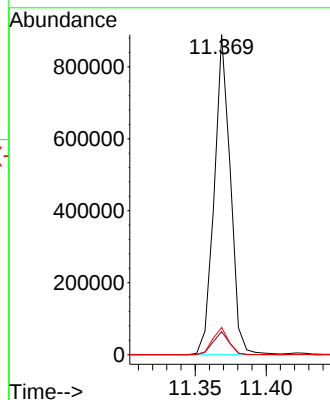
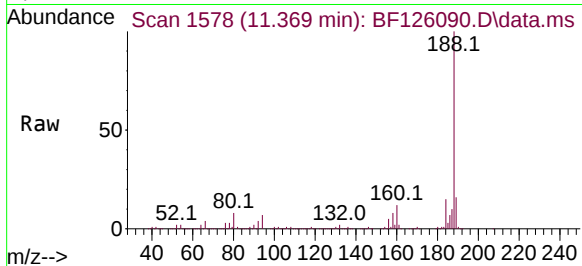




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126090.D
Acq: 9 Nov 2021 19:51

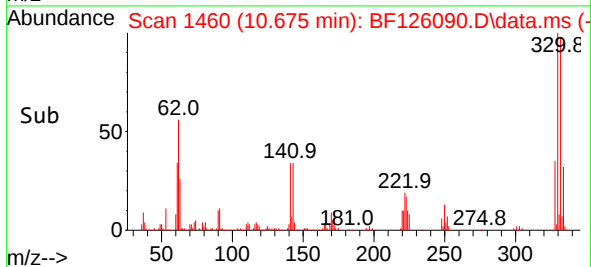
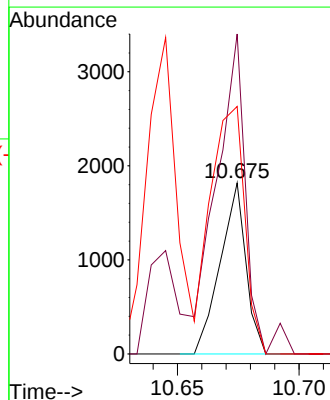
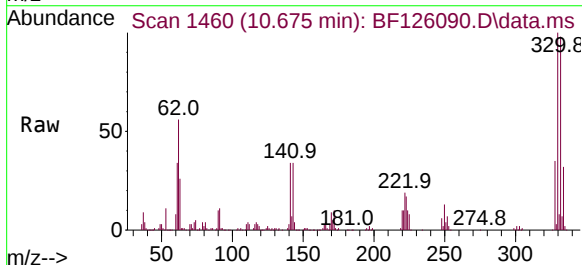
Instrument :
BNA_F
ClientSampleId :
VWE-B6-110521-20-30

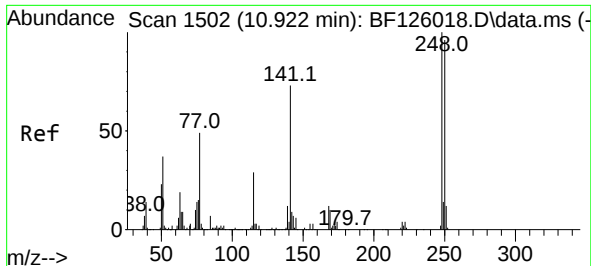
Tgt Ion:188 Resp: 702372
Ion Ratio Lower Upper
188 100
94 7.2 6.7 10.1
80 8.5 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 8.642 ng
RT: 10.675 min Scan# 1460
Delta R.T. 0.189 min
Lab File: BF126090.D
Acq: 9 Nov 2021 19:51

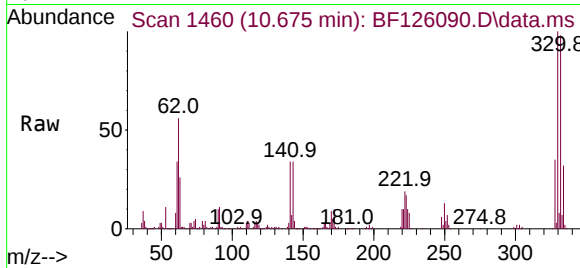
Tgt Ion:198 Resp: 1332
Ion Ratio Lower Upper
198 100
51 187.0 45.3 85.3#
105 144.7 30.6 70.6#



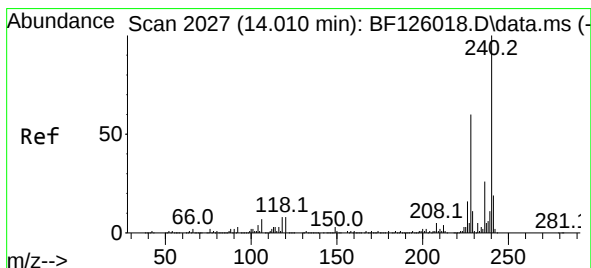
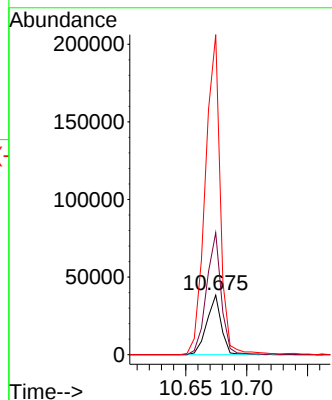
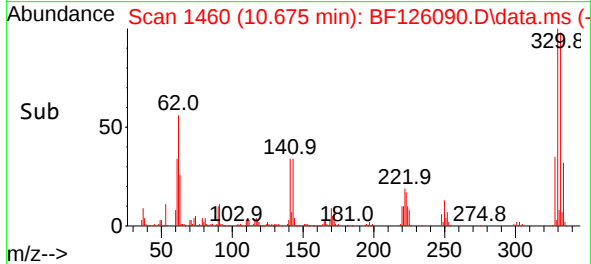


#67
4-Bromophenyl-phenylether
Concen: 3.721 ng
RT: 10.675 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF126090.D
Acq: 9 Nov 2021 19:51

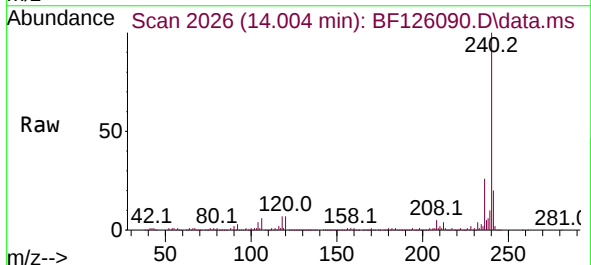
Instrument :
BNA_F
ClientSampleId :
VWE-B6-110521-20-30



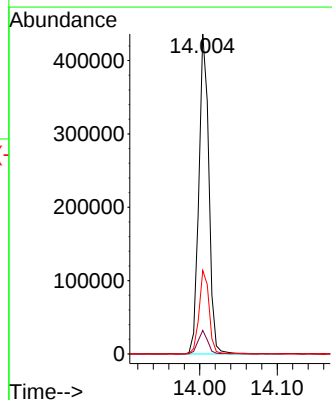
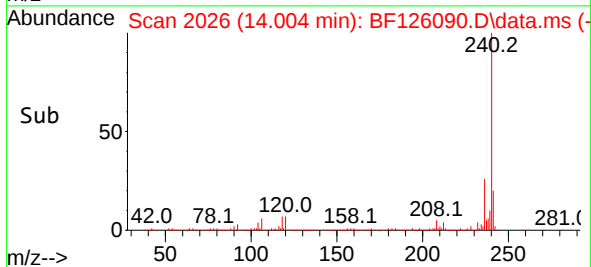
Tgt Ion:248 Resp: 31659
Ion Ratio Lower Upper
248 100
250 204.5 74.2 111.4#
141 536.9 60.4 90.6#

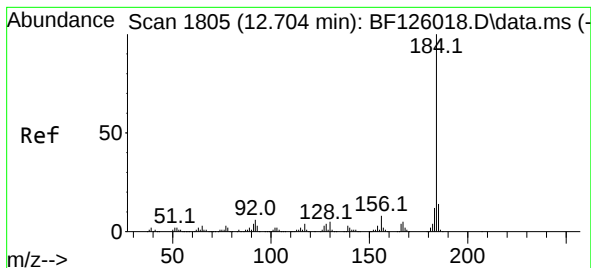


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BF126090.D
Acq: 9 Nov 2021 19:51



Tgt Ion:240 Resp: 390987
Ion Ratio Lower Upper
240 100
120 7.4 10.8 16.2#
236 26.1 21.6 32.4





#77

Benzidine

Concen: 2.189 ng

RT: 12.957 min Scan# 1848

Delta R.T. 0.253 min

Lab File: BF126090.D

Acq: 9 Nov 2021 19:51

Instrument :

BNA_F

ClientSampleId :

VWE-B6-110521-20-30

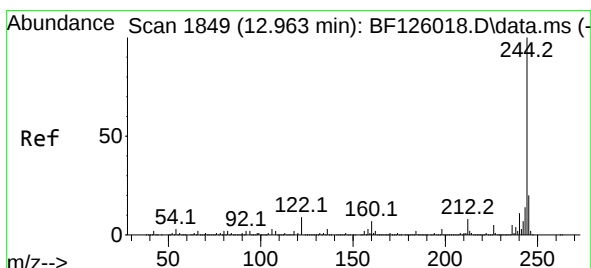
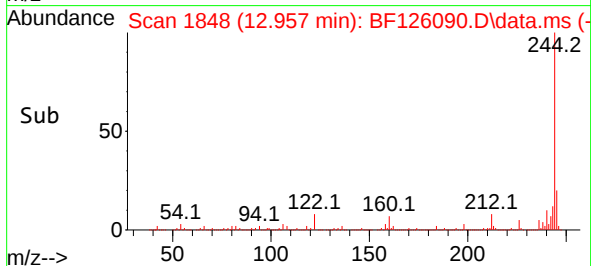
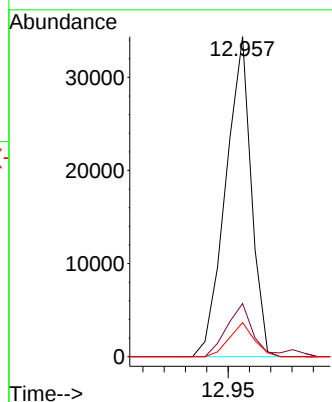
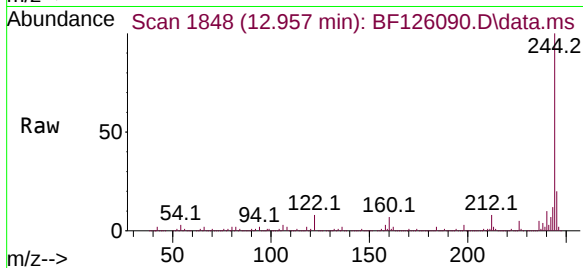
Tgt Ion:184 Resp: 28615

Ion Ratio Lower Upper

184 100

185 16.6 10.8 16.2#

183 10.7 8.1 12.1



#79

Terphenyl-d14

Concen: 76.778 ng

RT: 12.957 min Scan# 1848

Delta R.T. -0.006 min

Lab File: BF126090.D

Acq: 9 Nov 2021 19:51

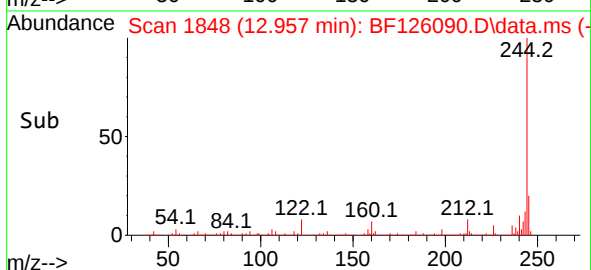
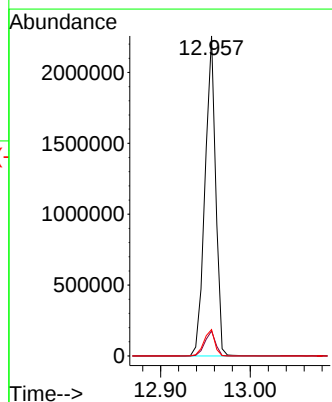
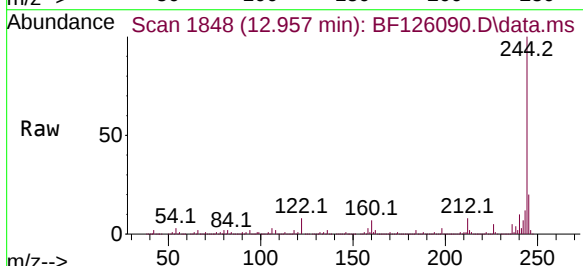
Tgt Ion:244 Resp: 1861599

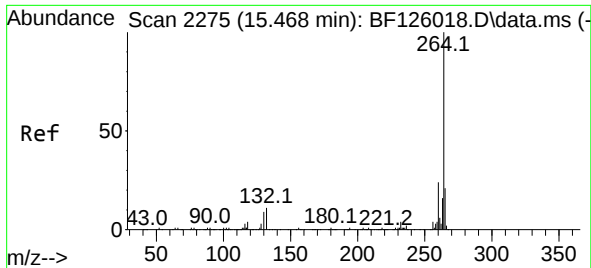
Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

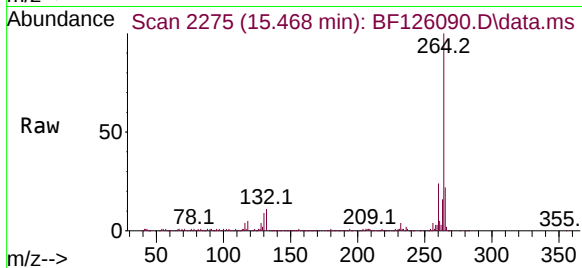
122 8.2 9.0 13.4#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF126090.D
 Acq: 9 Nov 2021 19:51

Instrument :
 BNA_F
 ClientSampleId :
 VWE-B6-110521-20-30



Tgt Ion:264 Resp: 398648
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 22.4 17.2 25.8

