

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
 Data File : BF133437.D
 Acq On : 18 May 2023 12:59
 Operator : CG\JU
 Sample : 02812-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WG-0516-BD

Quant Time: May 18 14:15:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 16 14:39:29 2023
 Response via : Initial Calibration

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

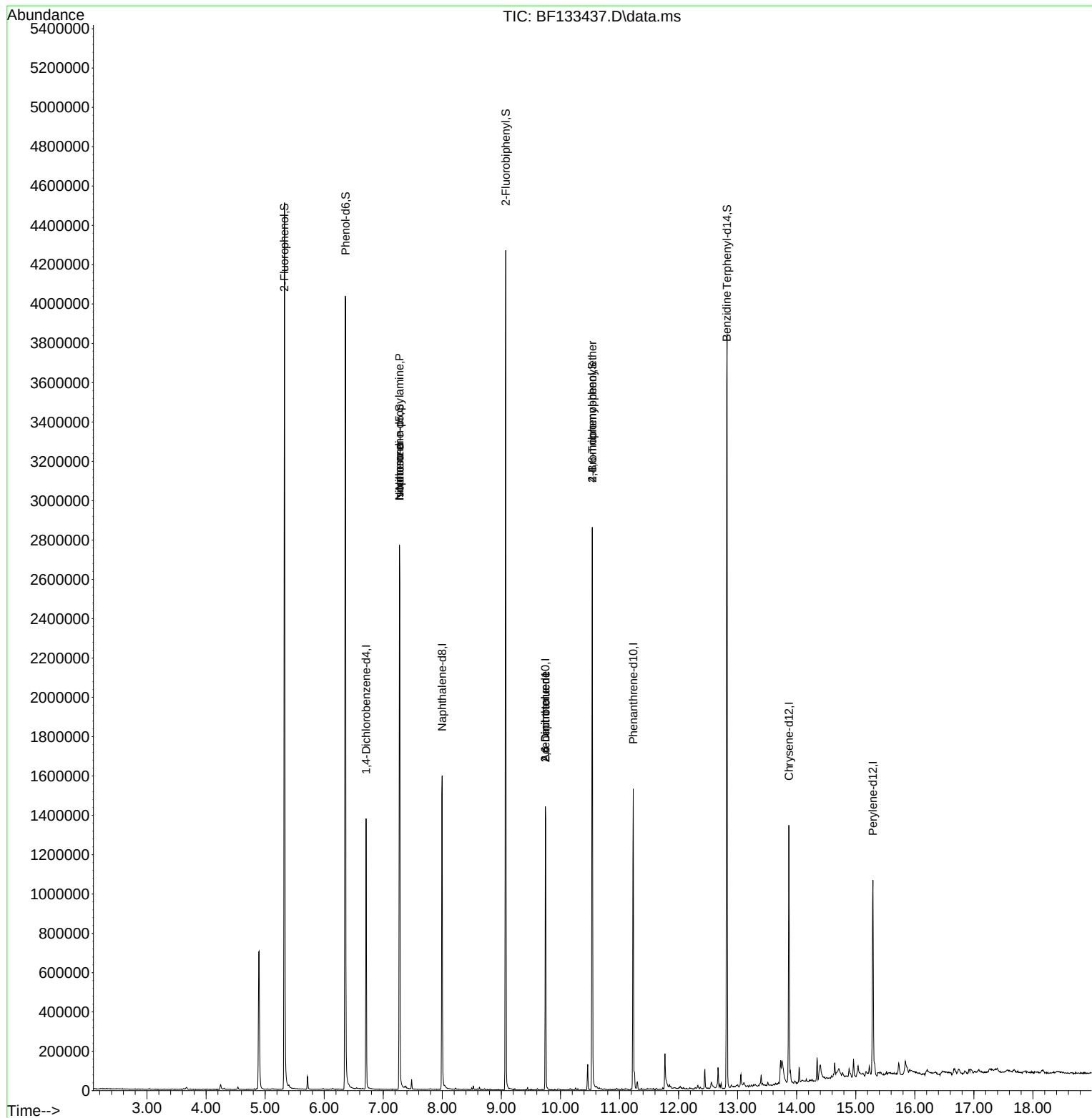
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	185282	20.000	ng	-0.01
21) Naphthalene-d8	7.998	136	746811	20.000	ng	-0.01
39) Acenaphthene-d10	9.745	164	306712	20.000	ng	-0.02
64) Phenanthrene-d10	11.233	188	553995	20.000	ng	#-0.01
76) Chrysene-d12	13.868	240	398207	20.000	ng	-0.02
86) Perylene-d12	15.292	264	432477	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1297853	105.814	ng	0.00
7) Phenol-d6	6.363	99	1597693	104.946	ng	0.00
23) Nitrobenzene-d5	7.275	82	911039	65.847	ng	-0.02
42) 2,4,6-Tribromophenol	10.539	330	348424	112.957	ng	-0.01
45) 2-Fluorobiphenyl	9.075	172	1308987	71.400	ng	-0.01
79) Terphenyl-d14	12.821	244	1420720	61.533	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.263	77	715	Below Cal		Qvalue 99
19) n-Nitroso-di-n-propyla...	7.275	70	118396	12.492	ng	# 80
25) Isophorone	7.275	82	909586	34.625	ng	# 63
51) 2,6-Dinitrotoluene	9.745	165	39088	8.120	ng	# 25
57) 2,4-Dinitrotoluene	9.745	165	39088	6.368	ng	# 23
67) 4-Bromophenyl-phenylether	10.539	248	22376	3.724	ng	# 1
77) Benizidine	12.815	184	15783	2.344	ng	# 86

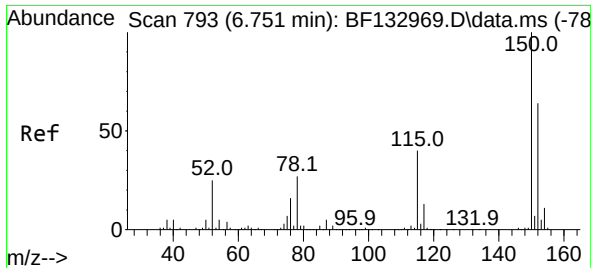
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 16 14:39:29 2023
Response via : Initial Calibration

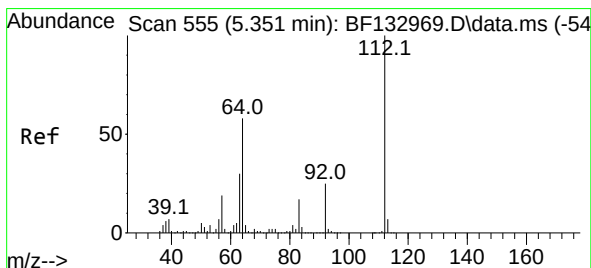
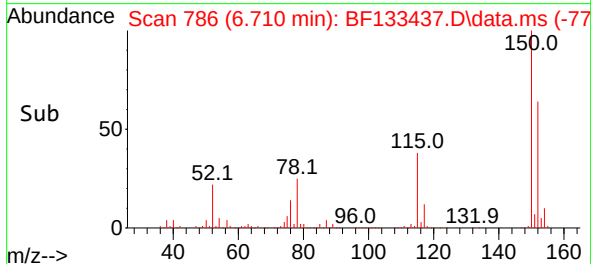
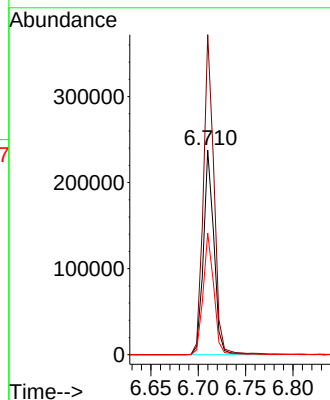
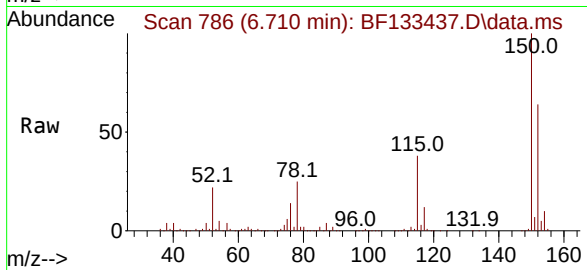




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.710 min Scan# 793
 Delta R.T. -0.012 min
 Lab File: BF133437.D
 Acq: 18 May 2023 12:59

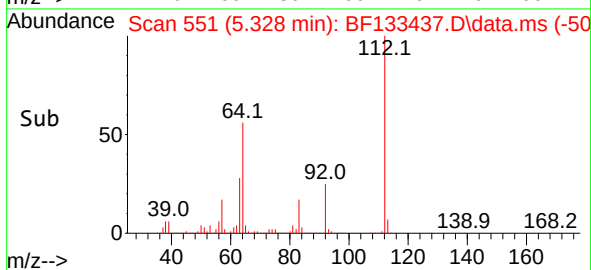
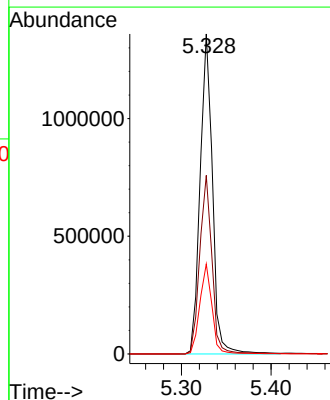
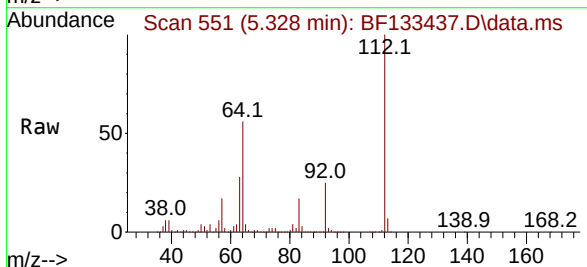
Instrument :
 BNA_F
 ClientSampleId :
 WG-0516-BD

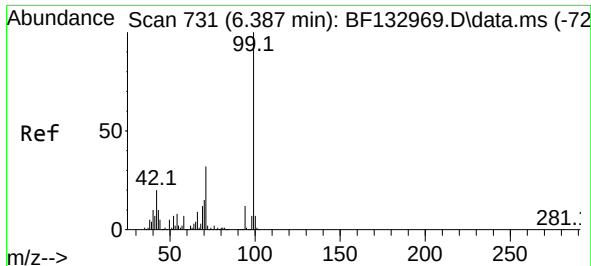
Tgt Ion:152 Resp: 185282
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.8 187.2
 115 59.5 49.9 74.9



#5
 2-Fluorophenol
 Concen: 105.814 ng
 RT: 5.328 min Scan# 551
 Delta R.T. -0.006 min
 Lab File: BF133437.D
 Acq: 18 May 2023 12:59

Tgt Ion:112 Resp: 1297853
 Ion Ratio Lower Upper
 112 100
 64 55.8 46.8 70.2
 63 28.1 23.8 35.8

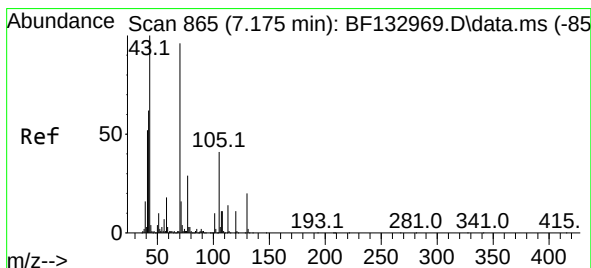
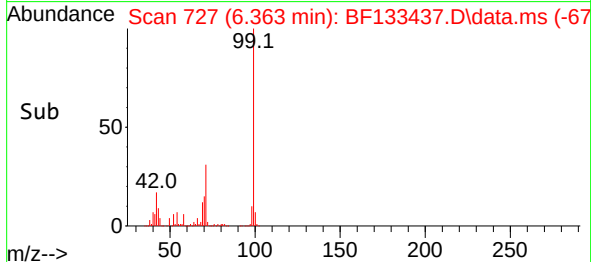
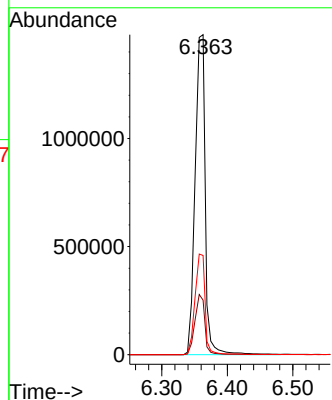
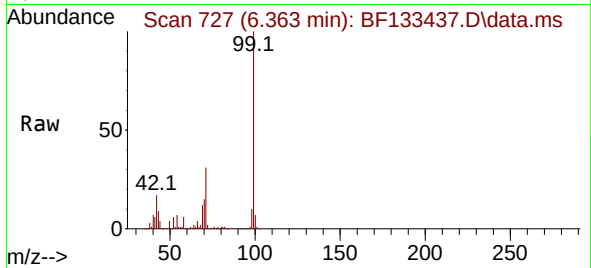




#7
Phenol-d6
Concen: 104.946 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133437.D
Acq: 18 May 2023 12:59

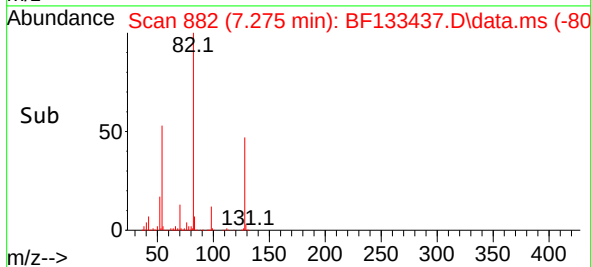
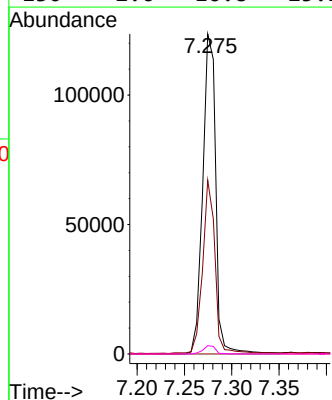
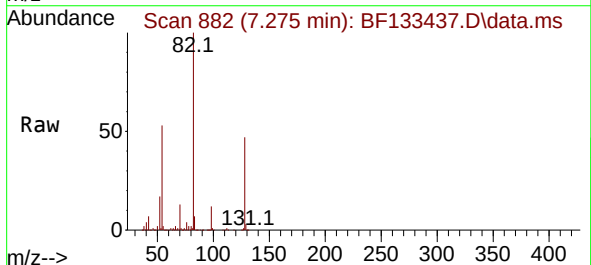
Instrument :
BNA_F
ClientSampleId :
WG-0516-BD

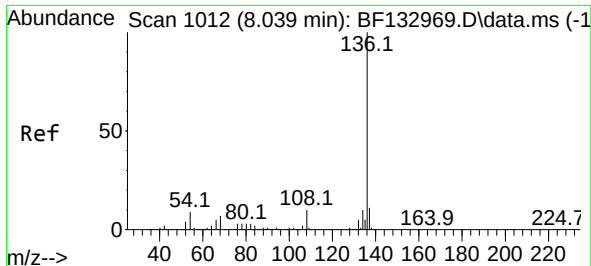
Tgt Ion: 99 Resp: 1597693
Ion Ratio Lower Upper
99 100
42 17.1 16.3 24.5
71 31.0 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.492 ng
RT: 7.275 min Scan# 882
Delta R.T. 0.129 min
Lab File: BF133437.D
Acq: 18 May 2023 12:59

Tgt Ion: 70 Resp: 118396
Ion Ratio Lower Upper
70 100
42 54.3 51.8 77.6
101 0.0 8.0 12.0#
130 2.6 16.8 25.2#

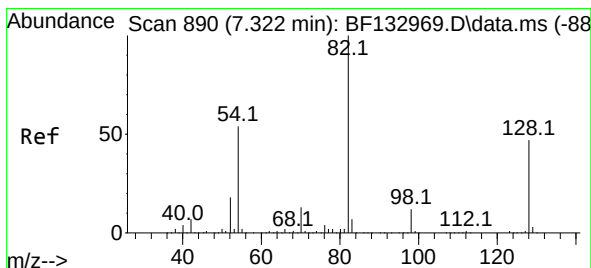
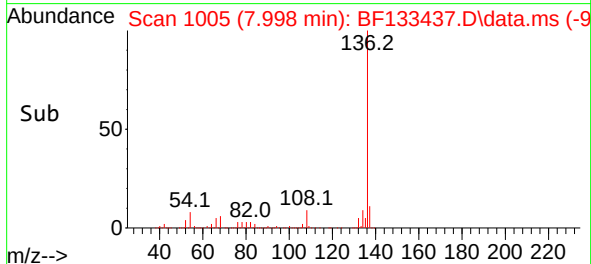
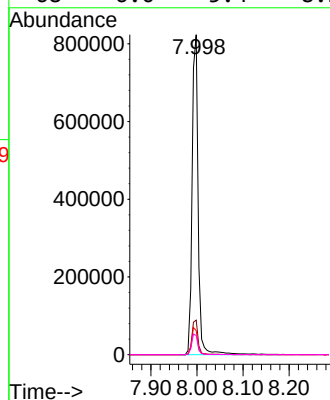
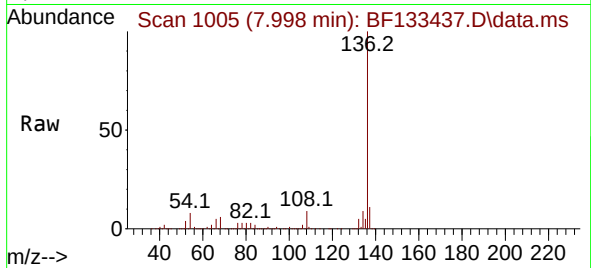




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF133437.D
Acq: 18 May 2023 12:59

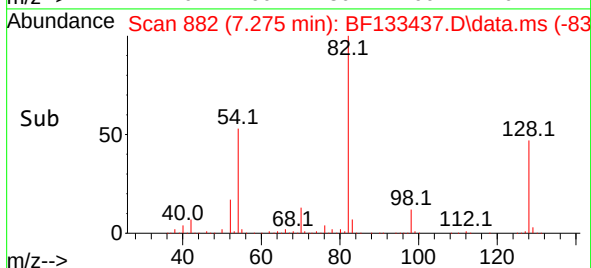
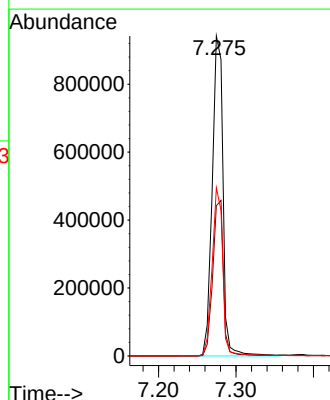
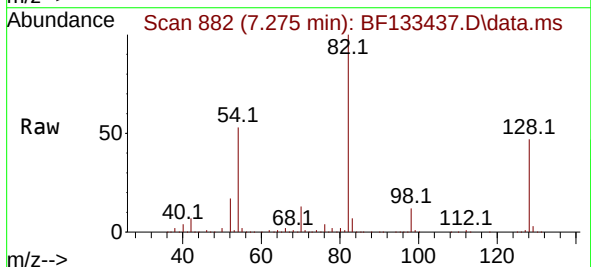
Instrument :
BNA_F
ClientSampleId :
WG-0516-BD

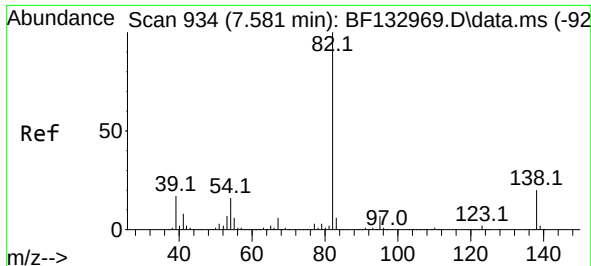
Tgt Ion:136 Resp: 746811
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.5 7.0 10.4
68 6.0 5.4 8.2



#23
Nitrobenzene-d5
Concen: 65.847 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.018 min
Lab File: BF133437.D
Acq: 18 May 2023 12:59

Tgt Ion: 82 Resp: 911039
Ion Ratio Lower Upper
82 100
128 46.9 37.7 56.5
54 52.6 43.0 64.4

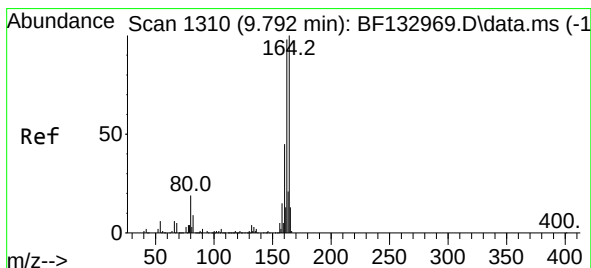
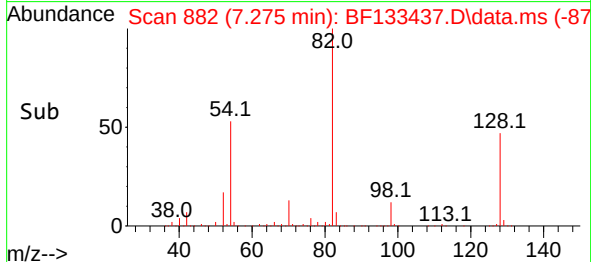
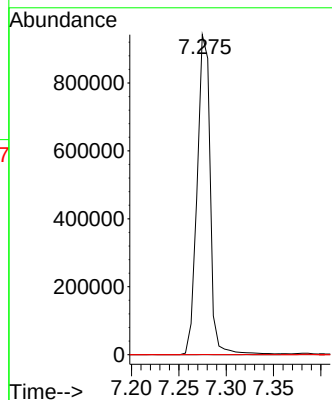
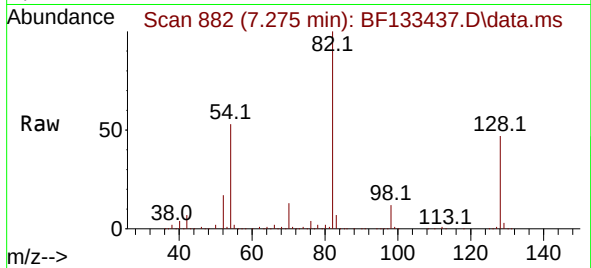




#25
Isophorone
Concen: 34.625 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.277 min
Lab File: BF133437.D
Acq: 18 May 2023 12:59

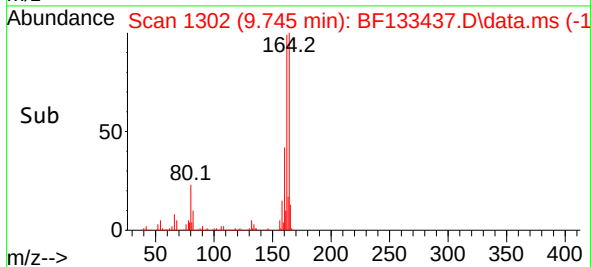
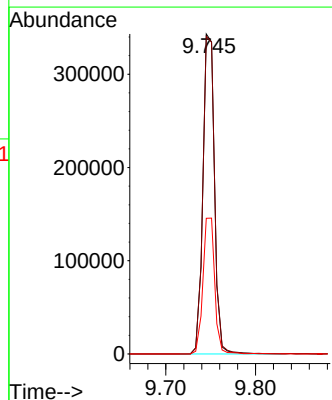
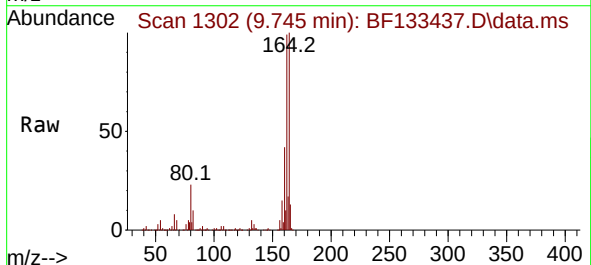
Instrument :
BNA_F
ClientSampleId :
WG-0516-BD

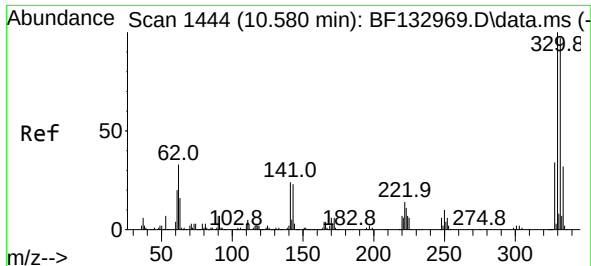
Tgt Ion: 82 Resp: 909586
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.018 min
Lab File: BF133437.D
Acq: 18 May 2023 12:59

Tgt Ion:164 Resp: 306712
Ion Ratio Lower Upper
164 100
162 99.3 78.7 118.1
160 42.4 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 112.957 ng

RT: 10.539 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF133437.D

Acq: 18 May 2023 12:59

Instrument :

BNA_F

ClientSampleId :

WG-0516-BD

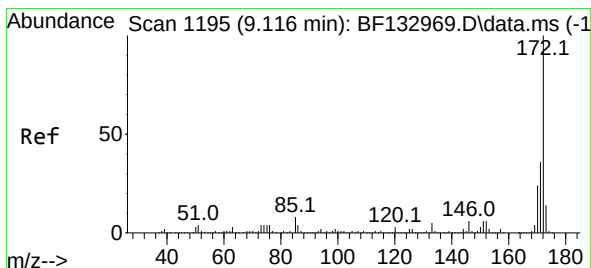
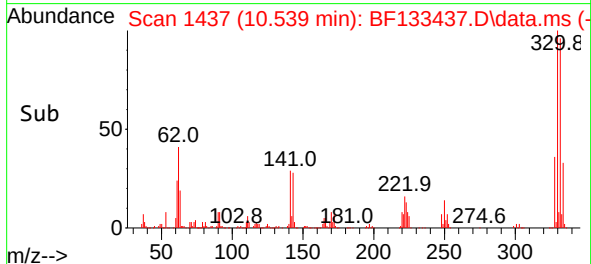
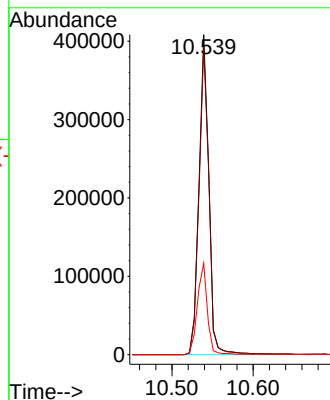
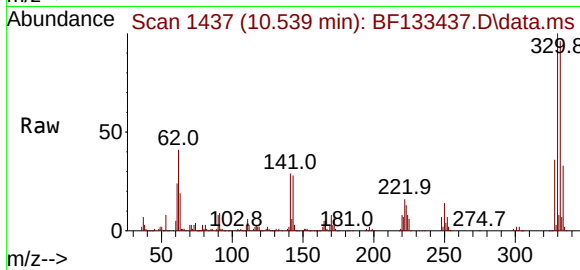
Tgt Ion:330 Resp: 348424

Ion Ratio Lower Upper

330 100

332 96.4 77.1 115.7

141 28.8 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 71.400 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.012 min

Lab File: BF133437.D

Acq: 18 May 2023 12:59

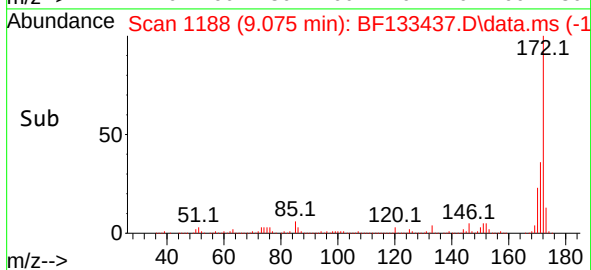
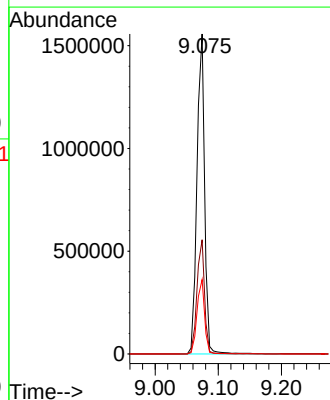
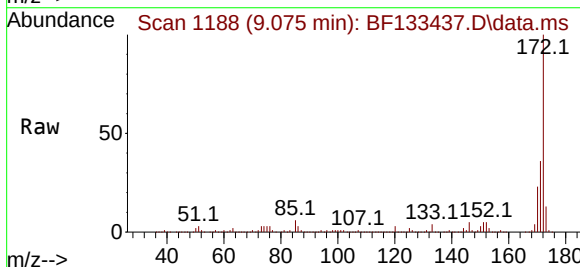
Tgt Ion:172 Resp: 1308987

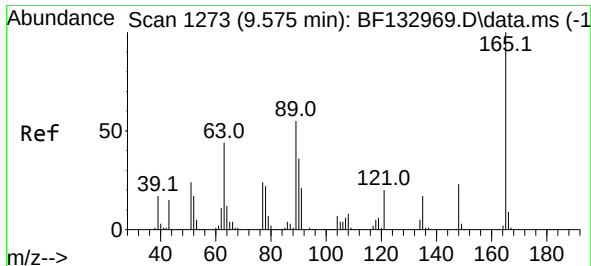
Ion Ratio Lower Upper

172 100

171 35.7 28.8 43.2

170 23.3 19.4 29.2

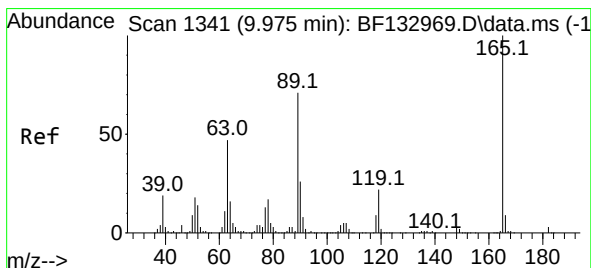
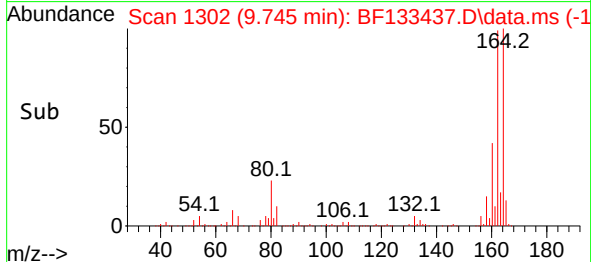
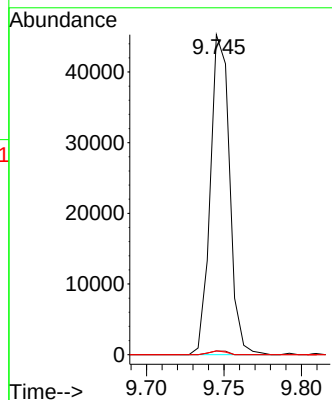
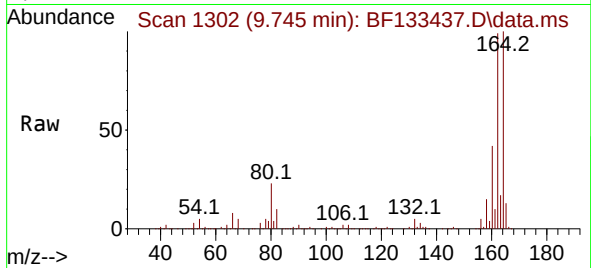




#51
2,6-Dinitrotoluene
Concen: 8.120 ng
RT: 9.745 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF133437.D
Acq: 18 May 2023 12:59

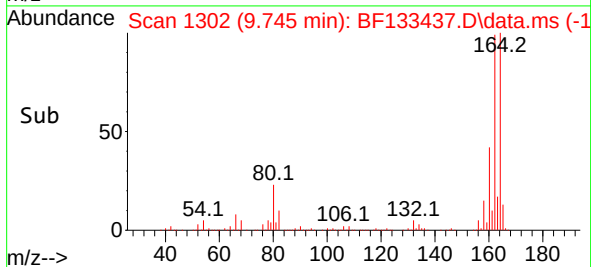
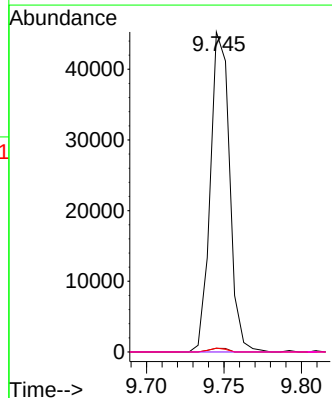
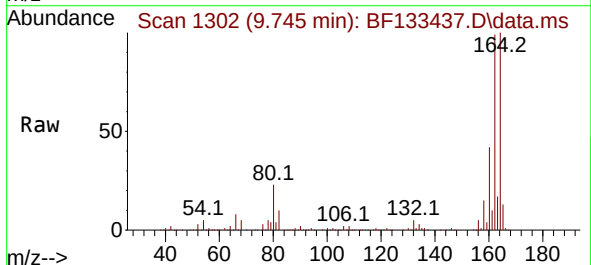
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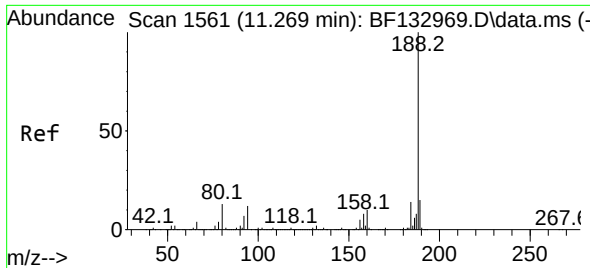
Tgt Ion:165 Resp: 39088
Ion Ratio Lower Upper
165 100
63 1.1 45.9 68.9#
89 1.2 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.368 ng
RT: 9.745 min Scan# 1302
Delta R.T. -0.212 min
Lab File: BF133437.D
Acq: 18 May 2023 12:59

Tgt Ion:165 Resp: 39088
Ion Ratio Lower Upper
165 100
63 1.1 37.7 56.5#
89 1.2 57.0 85.4#
182 0.0 2.1 3.1#

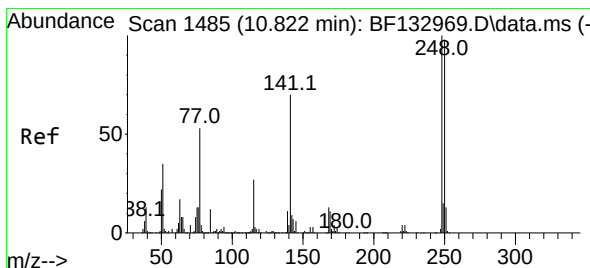
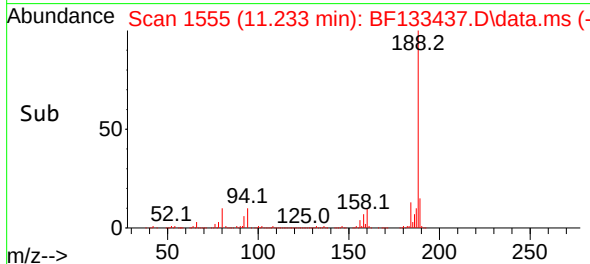
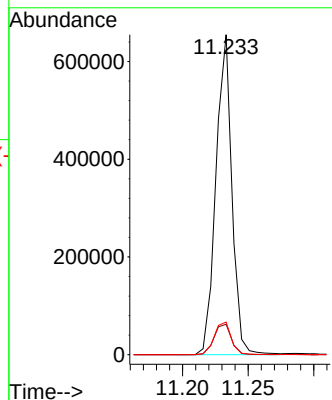
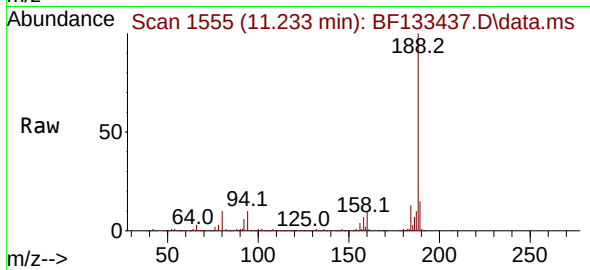




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.233 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF133437.D
Acq: 18 May 2023 12:59

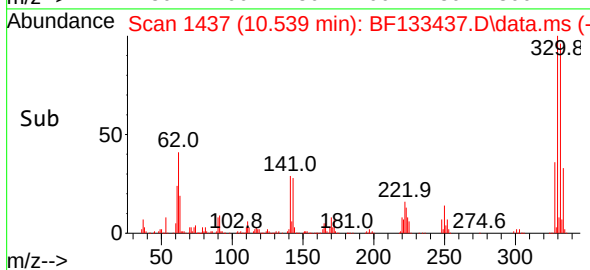
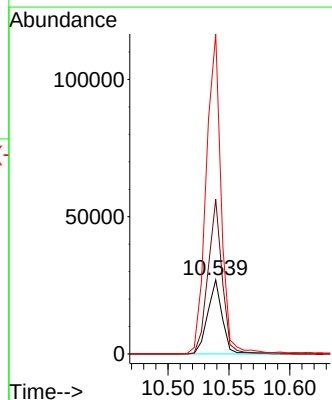
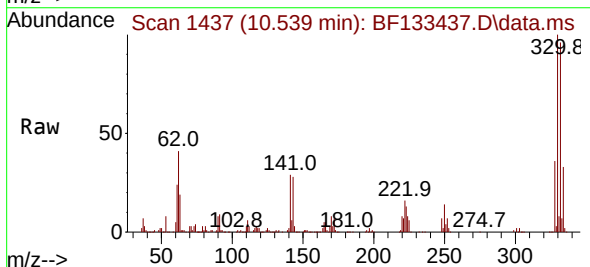
Instrument :
BNA_F
ClientSampleId :
WG-0516-BD

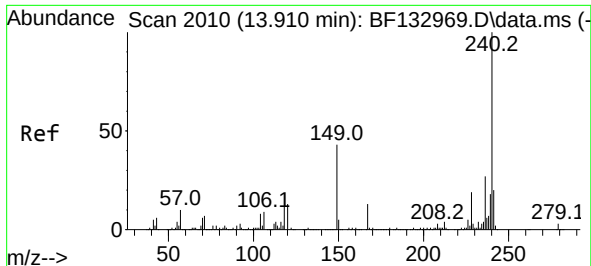
Tgt Ion:188 Resp: 553995
Ion Ratio Lower Upper
188 100
94 9.5 9.7 14.5#
80 10.2 10.4 15.6#



#67
4-Bromophenyl-phenylether
Concen: 3.724 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.253 min
Lab File: BF133437.D
Acq: 18 May 2023 12:59

Tgt Ion:248 Resp: 22376
Ion Ratio Lower Upper
248 100
250 208.8 78.7 118.1#
141 431.6 56.3 84.5#

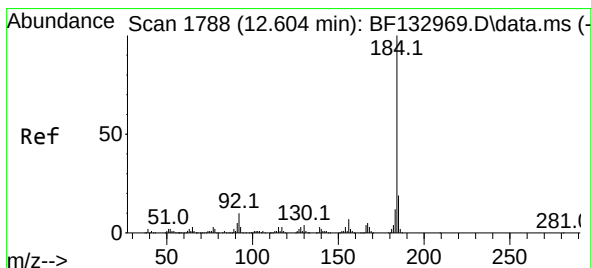
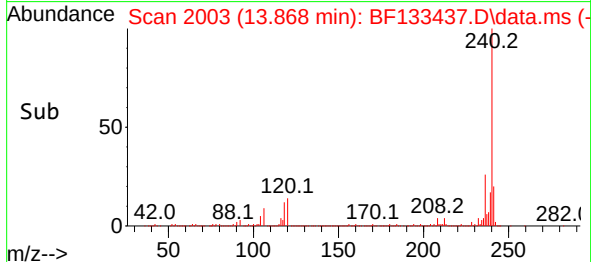
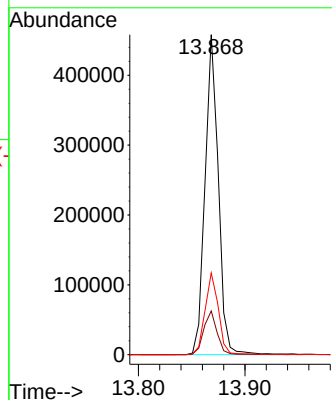
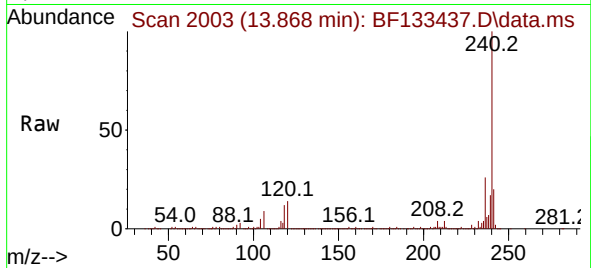




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 2010
Delta R.T. -0.018 min
Lab File: BF133437.D
Acq: 18 May 2023 12:59

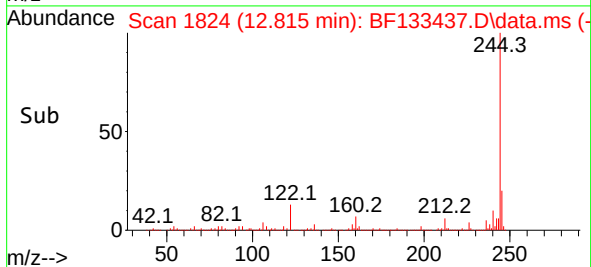
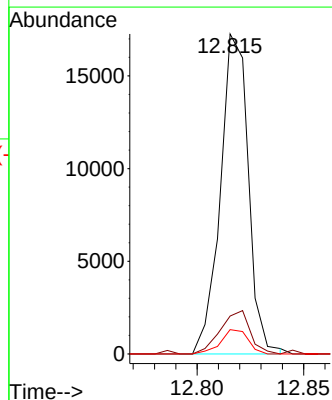
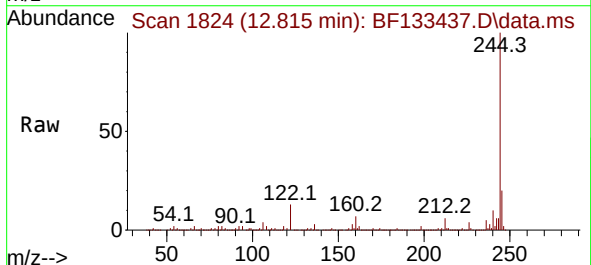
Instrument :
BNA_F
ClientSampleId :
WG-0516-BD

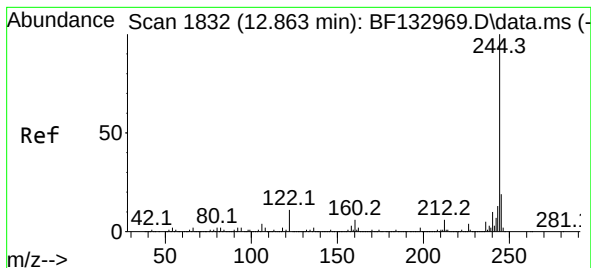
Tgt Ion:240 Resp: 398207
Ion Ratio Lower Upper
240 100
120 13.7 10.5 15.7
236 25.6 21.5 32.3



#77
Benzidine
Concen: 2.344 ng
RT: 12.815 min Scan# 1824
Delta R.T. 0.235 min
Lab File: BF133437.D
Acq: 18 May 2023 12:59

Tgt Ion:184 Resp: 15783
Ion Ratio Lower Upper
184 100
185 11.9 15.4 23.2#
183 7.6 9.4 14.0#





#79

Terphenyl-d14

Concen: 61.533 ng

RT: 12.821 min Scan# 1825

Delta R.T. -0.012 min

Lab File: BF133437.D

Acq: 18 May 2023 12:59

Instrument :

BNA_F

ClientSampleId :

WG-0516-BD

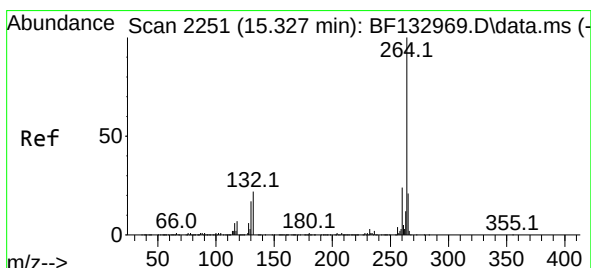
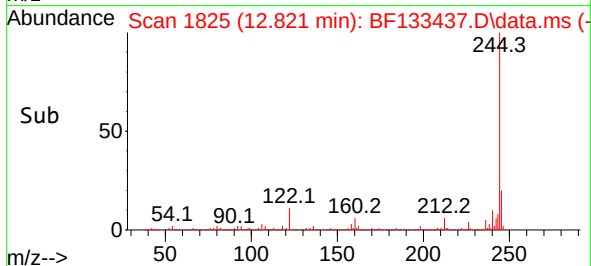
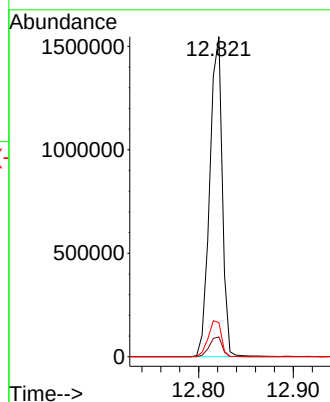
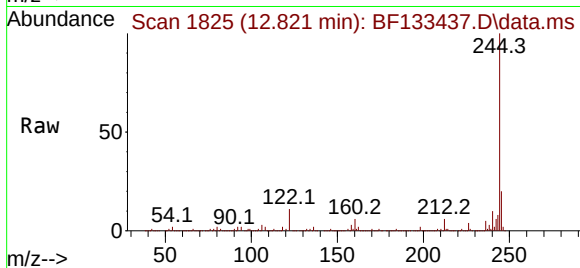
Tgt Ion:244 Resp: 1420720

Ion Ratio Lower Upper

244 100

212 6.2 5.1 7.7

122 10.6 8.6 13.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.292 min Scan# 2245

Delta R.T. -0.012 min

Lab File: BF133437.D

Acq: 18 May 2023 12:59

Tgt Ion:264 Resp: 432477

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 21.0 17.0 25.4

