

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
 Data File : BF133420.D
 Acq On : 17 May 2023 18:49
 Operator : CG\JU
 Sample : 02812-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WG-0516-B5-0-10

Quant Time: May 18 04:04:57 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)

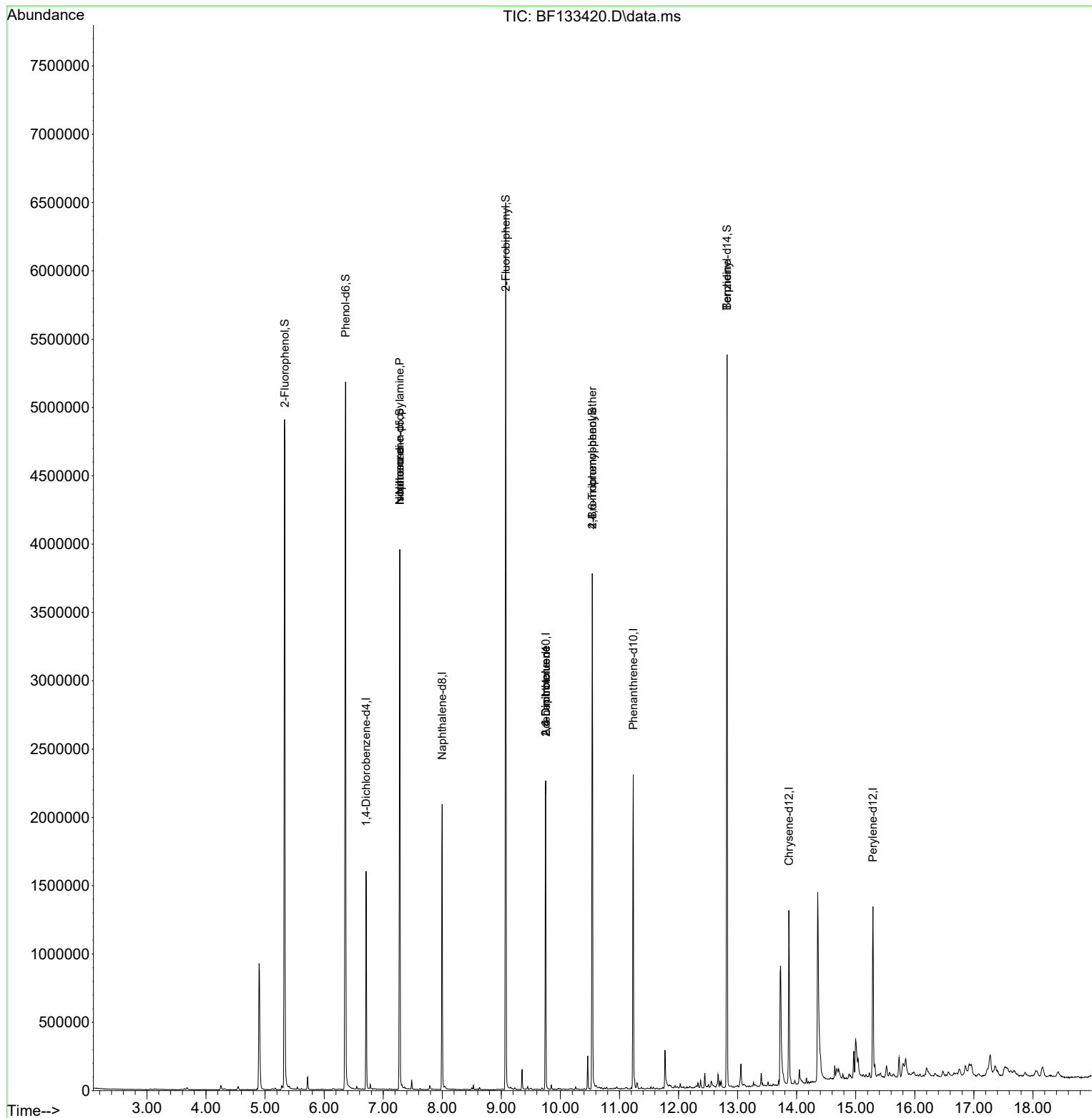
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	220752	20.000	ng	-0.01
21) Naphthalene-d8	7.998	136	895666	20.000	ng	-0.01
39) Acenaphthene-d10	9.751	164	463760	20.000	ng	-0.01
64) Phenanthrene-d10	11.233	188	815182	20.000	ng	-0.01
76) Chrysene-d12	13.869	240	399360	20.000	ng	-0.02
86) Perylene-d12	15.292	264	509674	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1585430	108.491	ng	0.00
7) Phenol-d6	6.363	99	1924983	106.128	ng	0.00
23) Nitrobenzene-d5	7.281	82	1175052	70.814	ng	-0.01
42) 2,4,6-Tribromophenol	10.539	330	482368	103.424	ng	-0.01
45) 2-Fluorobiphenyl	9.075	172	1960855	70.737	ng	-0.01
79) Terphenyl-d14	12.822	244	1842644	79.576	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.269	77	1680	Below Cal	#	73
19) n-Nitroso-di-n-propyla...	7.281	70	152856	13.537	ng	# 76
25) Isophorone	7.281	82	1175044	37.297	ng	# 63
51) 2,6-Dinitrotoluene	9.751	165	58917	8.095	ng	# 25
57) 2,4-Dinitrotoluene	9.751	165	58917	6.348	ng	# 23
67) 4-Bromophenyl-phenylether	10.539	248	30502	3.450	ng	# 1
77) Benzidine	12.822	184	21916	3.245	ng	# 92

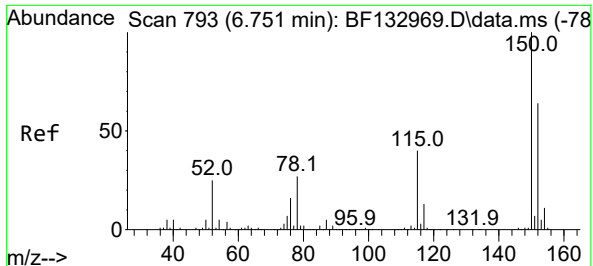
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051723\
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Misc :
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ClientSampleId :
WG-0516-B5-0-10

Quant Time: May 18 04:04:57 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

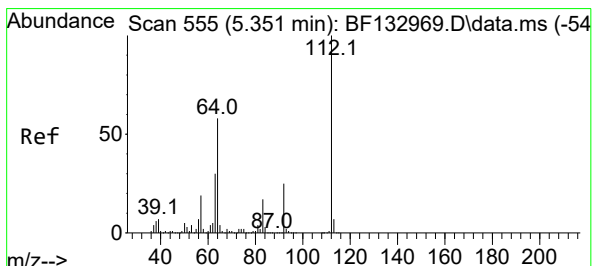
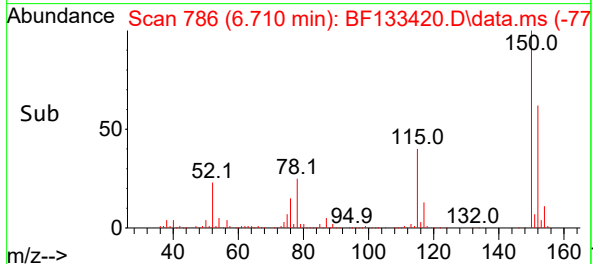
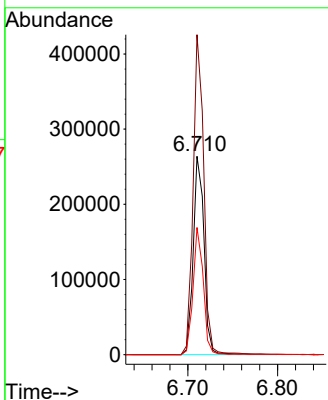
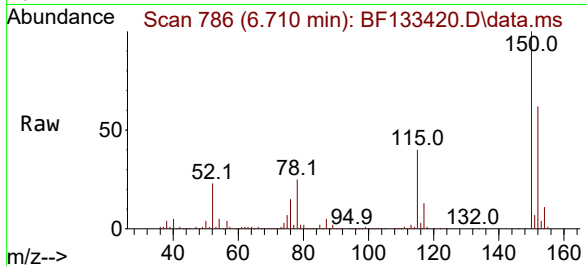




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.710 min Scan# 793
Delta R.T. -0.012 min
Lab File: BF133420.D
Acq: 17 May 2023 18:49

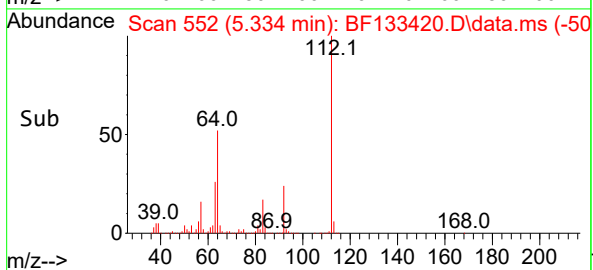
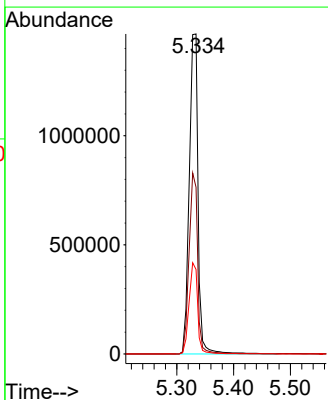
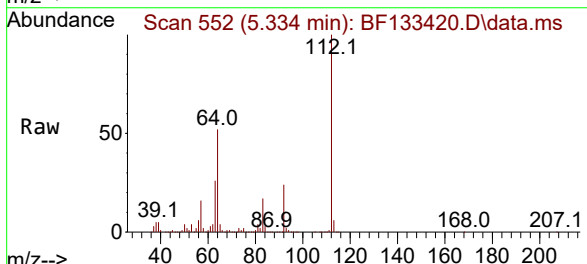
Instrument :
BNA_F
ClientSampleId :
WG-0516-B5-0-10

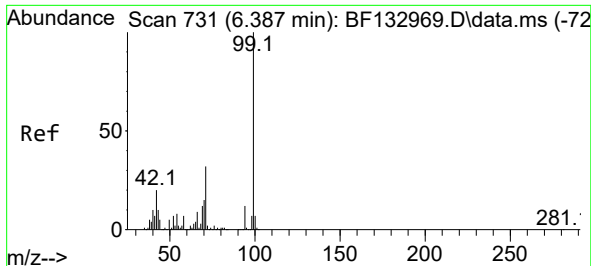
Tgt Ion:152 Resp: 220752
Ion Ratio Lower Upper
152 100
150 161.3 124.8 187.2
115 64.1 49.9 74.9



#5
2-Fluorophenol
Concen: 108.491 ng
RT: 5.334 min Scan# 552
Delta R.T. 0.000 min
Lab File: BF133420.D
Acq: 17 May 2023 18:49

Tgt Ion:112 Resp: 1585430
Ion Ratio Lower Upper
112 100
64 52.1 46.8 70.2
63 26.4 23.8 35.8

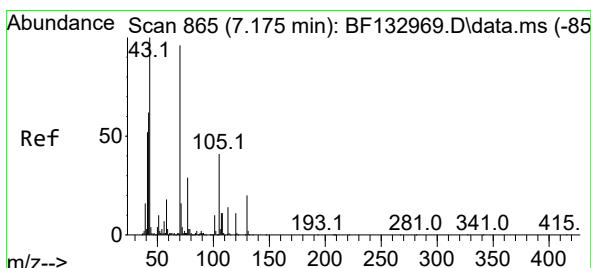
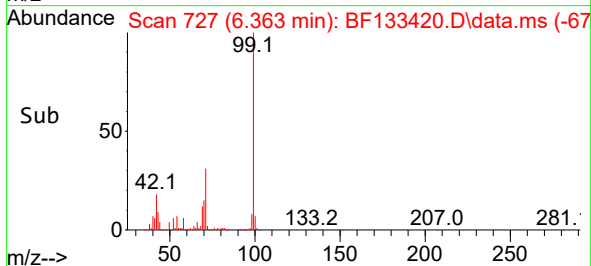
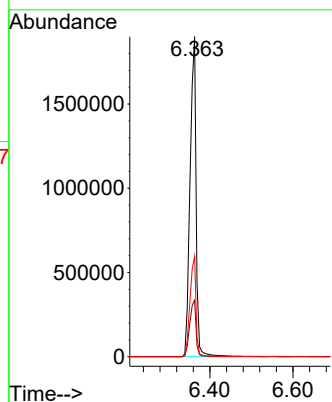
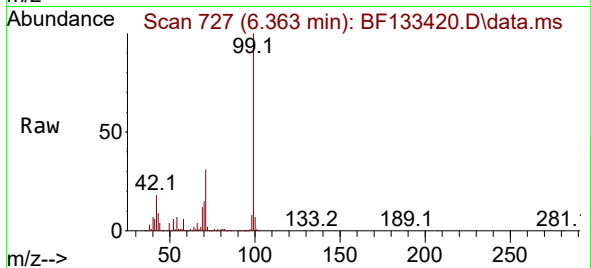




#7
Phenol-d6
Concen: 106.128 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133420.D
Acq: 17 May 2023 18:49

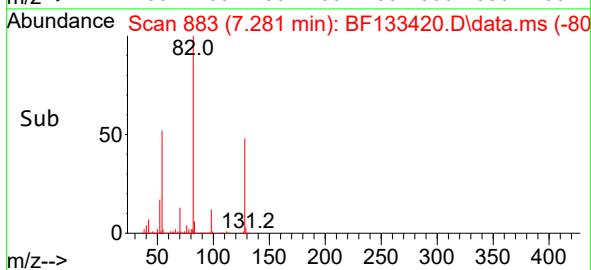
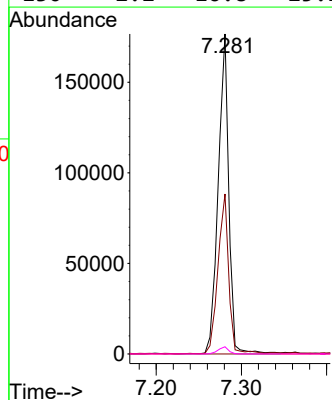
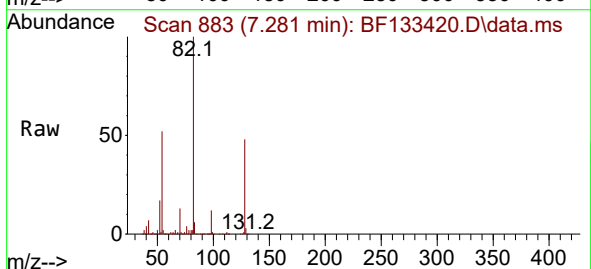
Instrument :
BNA_F
ClientSampleId :
WG-0516-B5-0-10

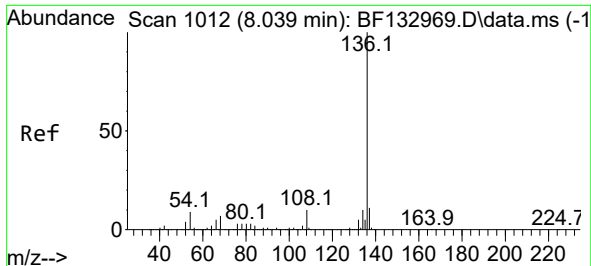
Tgt Ion: 99 Resp: 1924983
Ion Ratio Lower Upper
99 100
42 17.7 16.3 24.5
71 31.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 13.537 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.135 min
Lab File: BF133420.D
Acq: 17 May 2023 18:49

Tgt Ion: 70 Resp: 152856
Ion Ratio Lower Upper
70 100
42 50.0 51.8 77.6#
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#

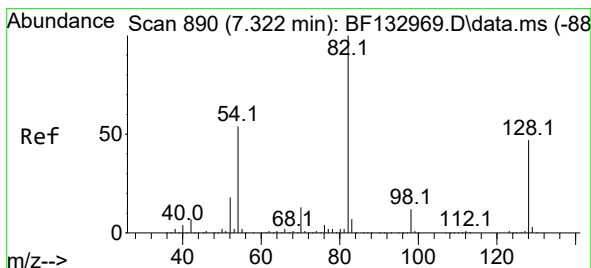
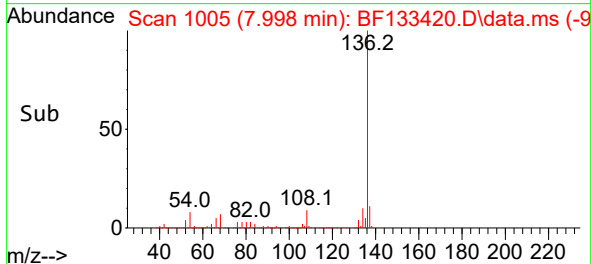
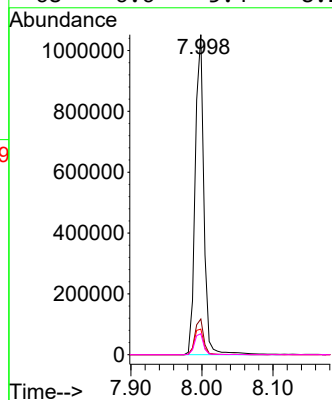
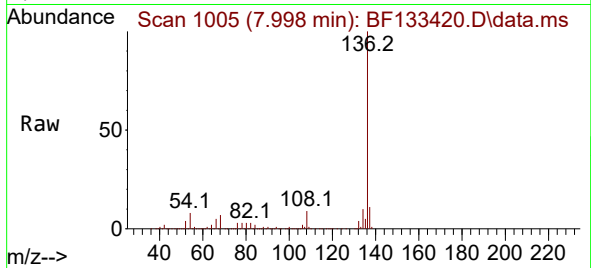




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF133420.D
Acq: 17 May 2023 18:49

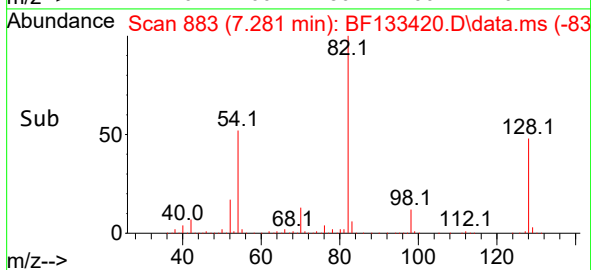
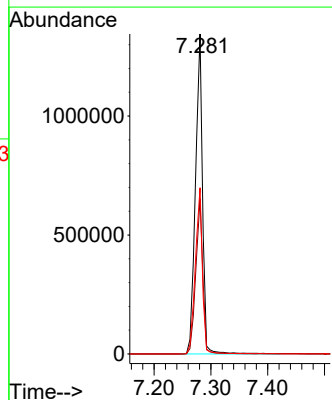
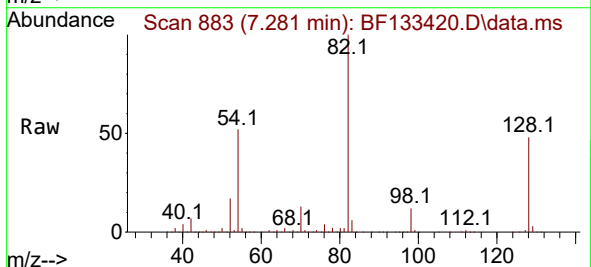
Instrument :
BNA_F
ClientSampleId :
WG-0516-B5-0-10

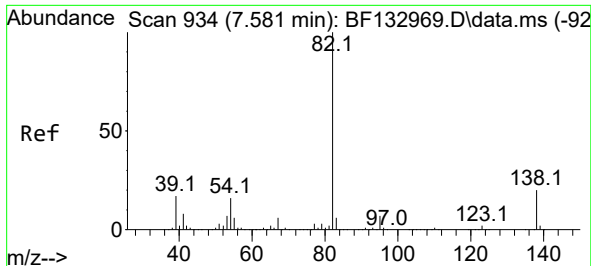
Tgt Ion:136 Resp: 895666
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.0 7.0 10.4
68 6.6 5.4 8.2



#23
Nitrobenzene-d5
Concen: 70.814 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF133420.D
Acq: 17 May 2023 18:49

Tgt Ion: 82 Resp: 1175052
Ion Ratio Lower Upper
82 100
128 48.5 37.7 56.5
54 51.9 43.0 64.4

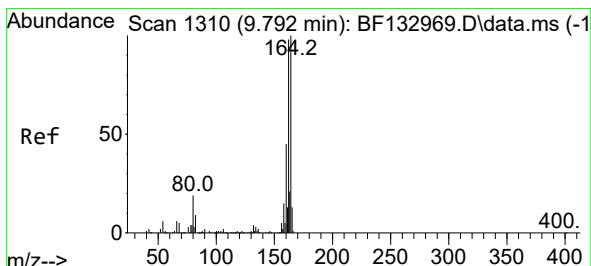
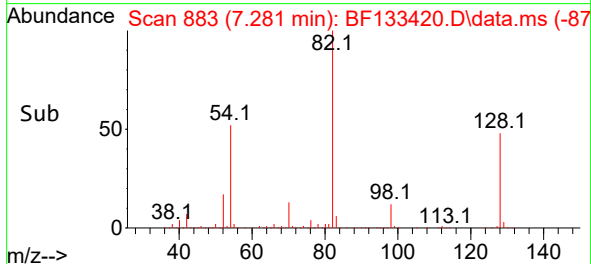
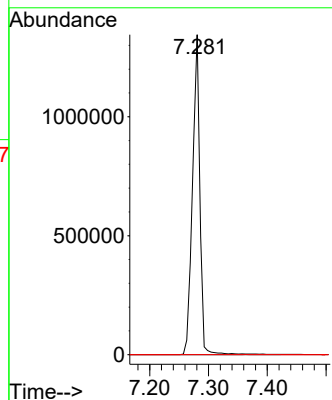
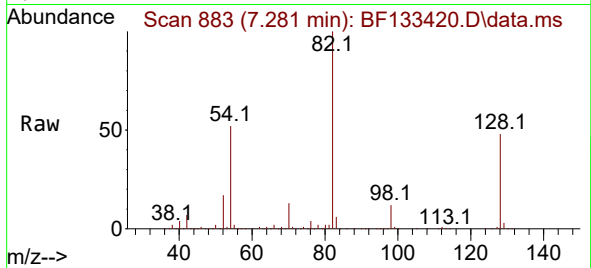




#25
Isophorone
Concen: 37.297 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF133420.D
Acq: 17 May 2023 18:49

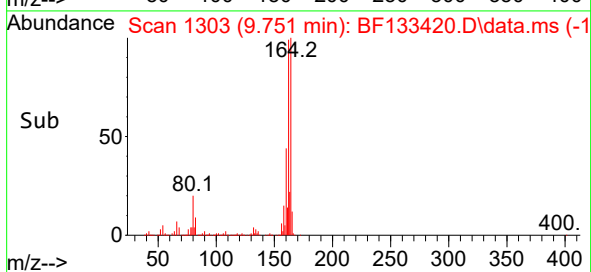
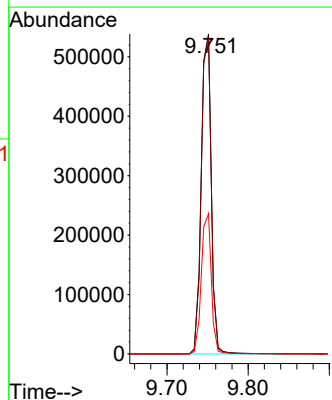
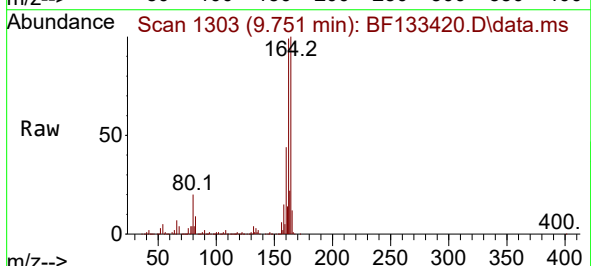
Instrument :
BNA_F
ClientSampleId :
WG-0516-B5-0-10

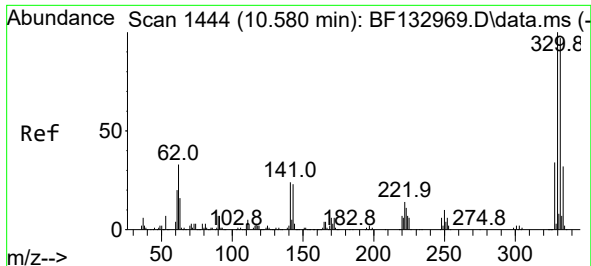
Tgt Ion: 82 Resp: 1175044
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BF133420.D
Acq: 17 May 2023 18:49

Tgt Ion:164 Resp: 463760
Ion Ratio Lower Upper
164 100
162 99.1 78.7 118.1
160 43.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 103.424 ng

RT: 10.539 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF133420.D

Acq: 17 May 2023 18:49

Instrument :

BNA_F

ClientSampleId :

WG-0516-B5-0-10

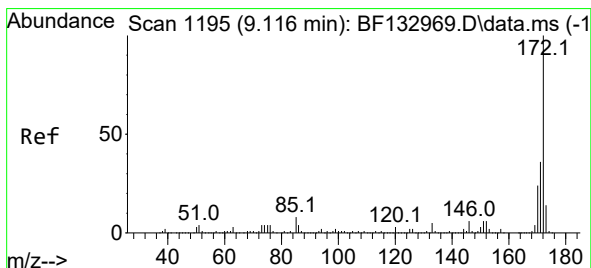
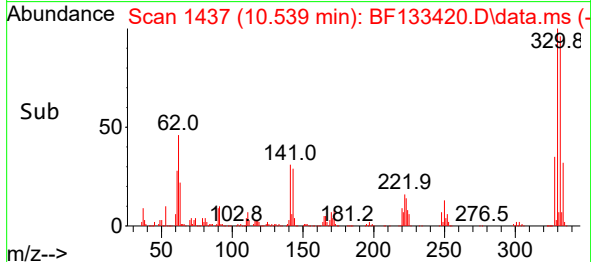
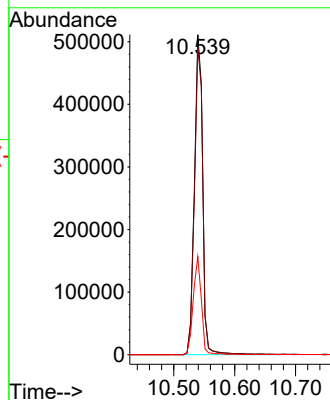
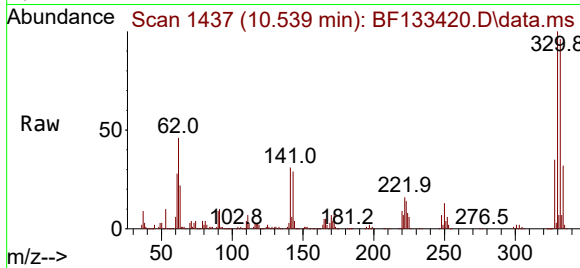
Tgt Ion:330 Resp: 482368

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 30.4 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 70.737 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.012 min

Lab File: BF133420.D

Acq: 17 May 2023 18:49

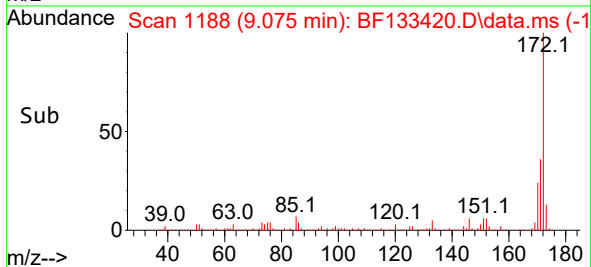
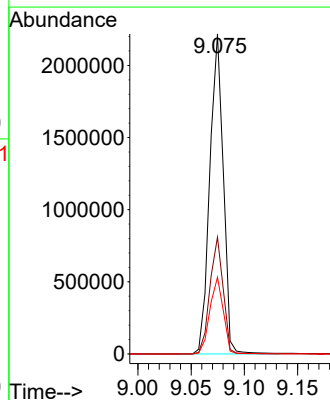
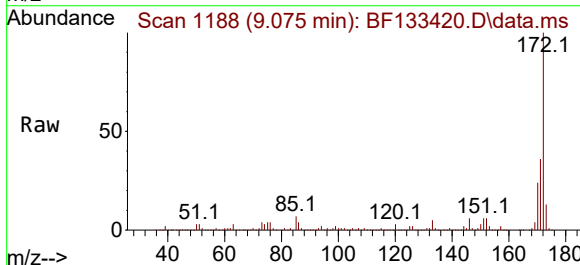
Tgt Ion:172 Resp: 1960855

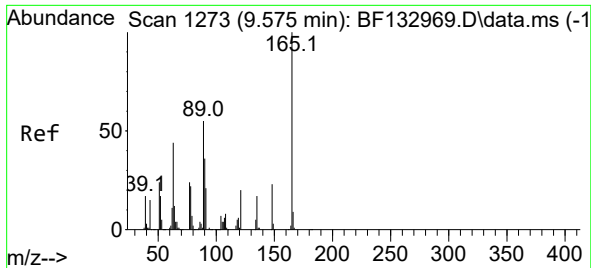
Ion Ratio Lower Upper

172 100

171 36.5 28.8 43.2

170 24.0 19.4 29.2

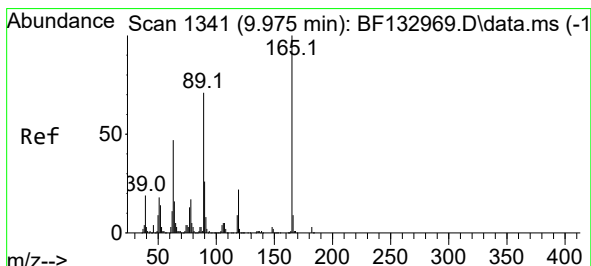
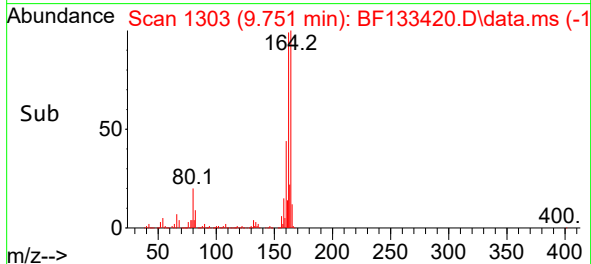
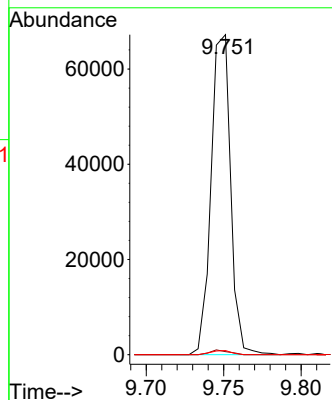
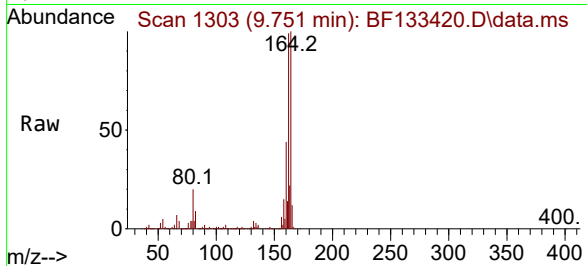




#51
2,6-Dinitrotoluene
Concen: 8.095 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF133420.D
Acq: 17 May 2023 18:49

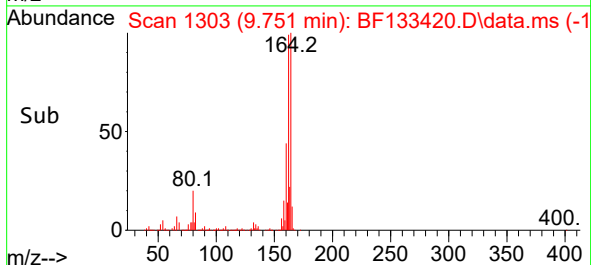
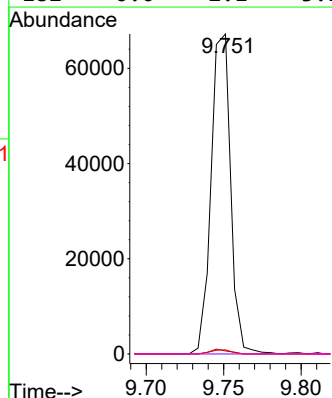
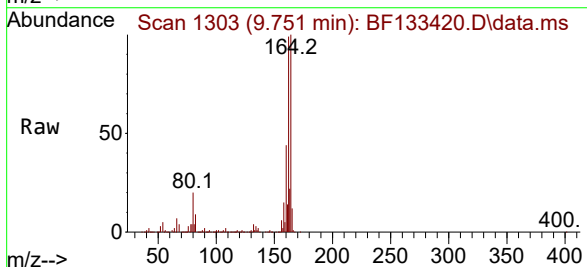
Instrument :
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WG-0516-B5-0-10

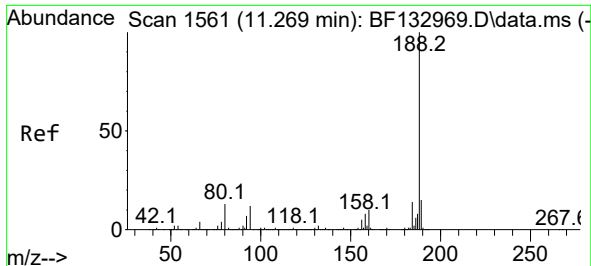
Tgt Ion:165 Resp: 58917
Ion Ratio Lower Upper
165 100
63 0.9 45.9 68.9#
89 1.3 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.348 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.206 min
Lab File: BF133420.D
Acq: 17 May 2023 18:49

Tgt Ion:165 Resp: 58917
Ion Ratio Lower Upper
165 100
63 0.9 37.7 56.5#
89 1.3 57.0 85.4#
182 0.0 2.1 3.1#

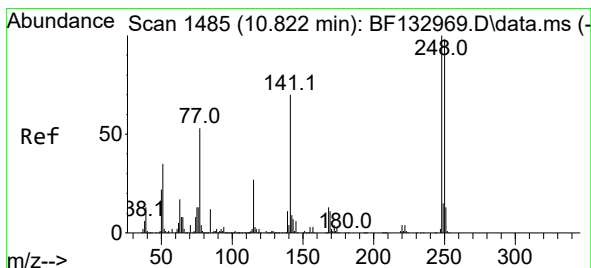
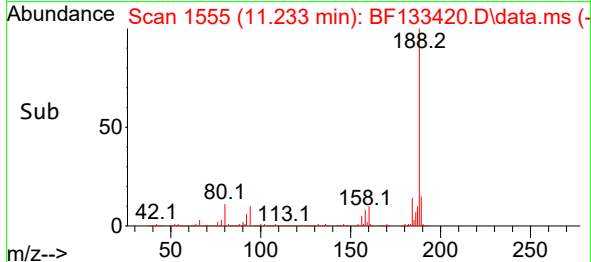
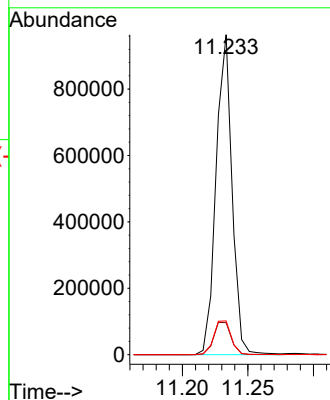
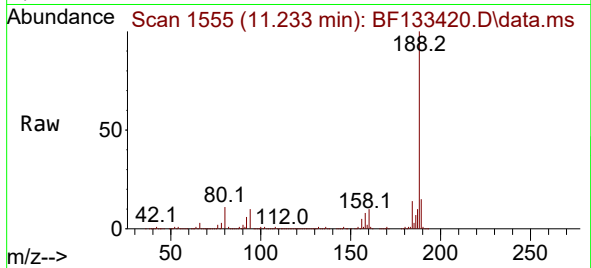




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.233 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF133420.D
Acq: 17 May 2023 18:49

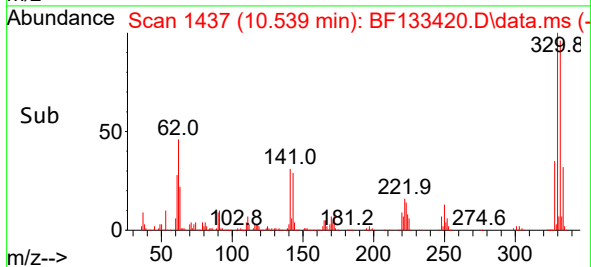
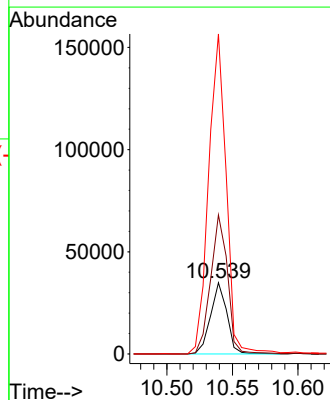
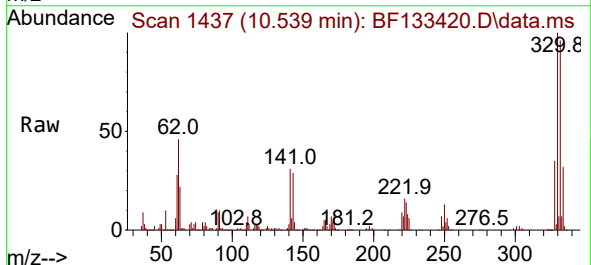
Instrument :
BNA_F
ClientSampleId :
WG-0516-B5-0-10

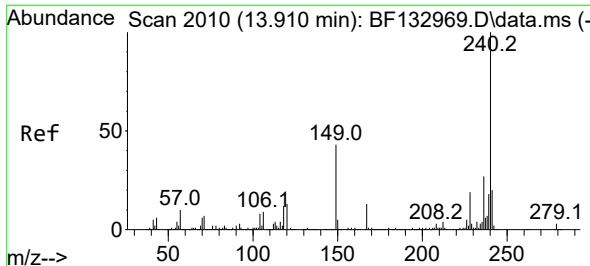
Tgt Ion:188 Resp: 815182
Ion Ratio Lower Upper
188 100
94 10.0 9.7 14.5
80 10.6 10.4 15.6



#67
4-Bromophenyl-phenylether
Concen: 3.450 ng
RT: 10.539 min Scan# 1437
Delta R.T. -0.253 min
Lab File: BF133420.D
Acq: 17 May 2023 18:49

Tgt Ion:248 Resp: 30502
Ion Ratio Lower Upper
248 100
250 195.4 78.7 118.1#
141 449.4 56.3 84.5#

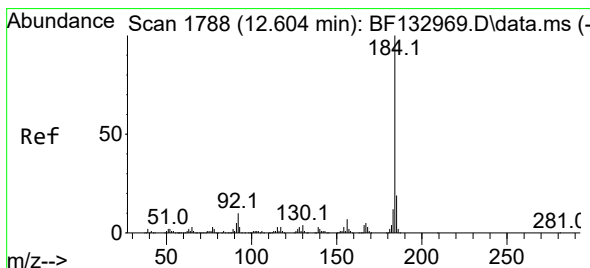
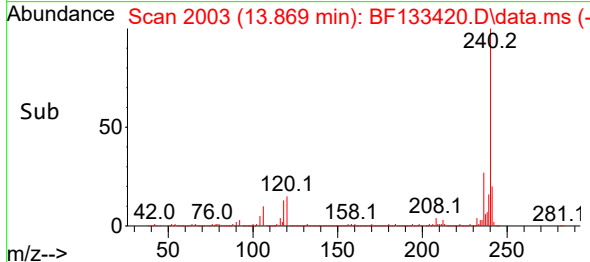
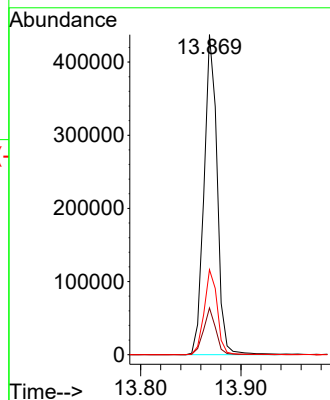
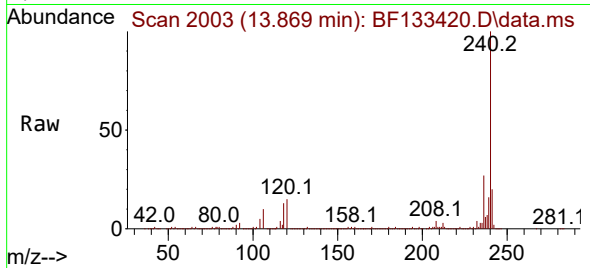




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.869 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF133420.D
Acq: 17 May 2023 18:49

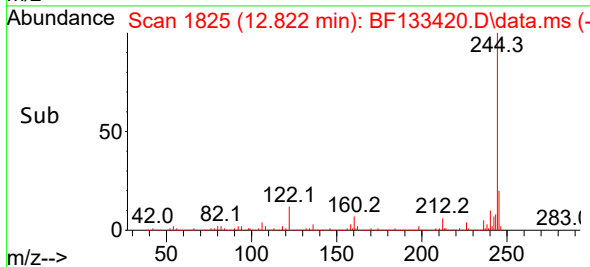
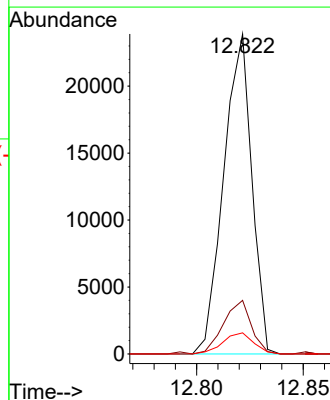
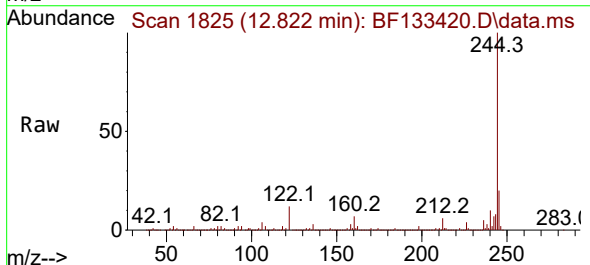
Instrument :
BNA_F
ClientSampleId :
WG-0516-B5-0-10

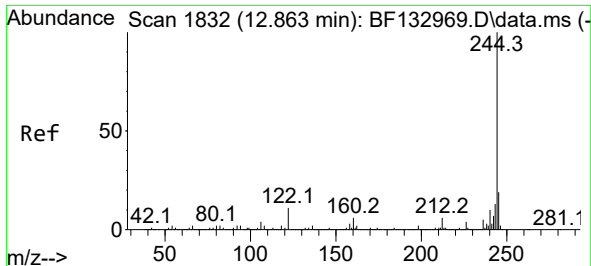
Tgt Ion:240 Resp: 399360
Ion Ratio Lower Upper
240 100
120 14.6 10.5 15.7
236 26.5 21.5 32.3



#77
Benzidine
Concen: 3.245 ng
RT: 12.822 min Scan# 1825
Delta R.T. 0.241 min
Lab File: BF133420.D
Acq: 17 May 2023 18:49

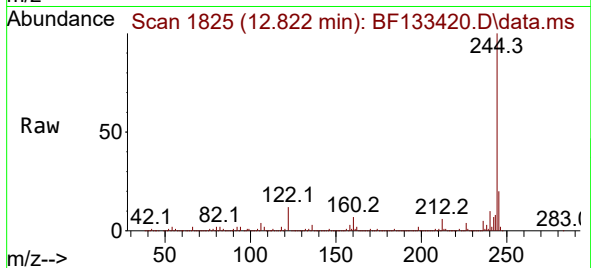
Tgt Ion:184 Resp: 21916
Ion Ratio Lower Upper
184 100
185 16.8 15.4 23.2
183 6.6 9.4 14.0#



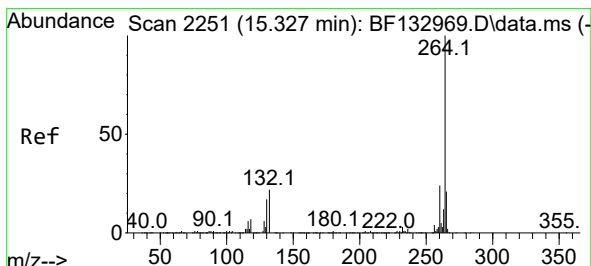
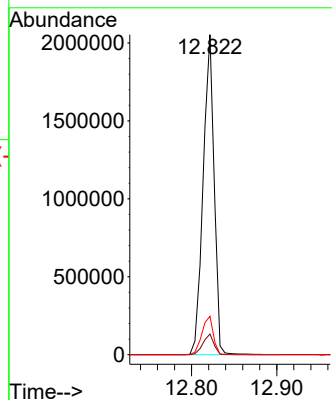
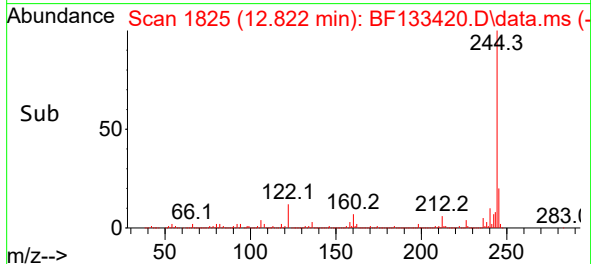


#79
 Terphenyl-d14
 Concen: 79.576 ng
 RT: 12.822 min Scan# 1825
 Delta R.T. -0.012 min
 Lab File: BF133420.D
 Acq: 17 May 2023 18:49

Instrument :
 BNA_F
 ClientSampleId :
 WG-0516-B5-0-10



Tgt Ion:244 Resp: 1842644
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 12.0 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: BF133420.D
 Acq: 17 May 2023 18:49

Tgt Ion:264 Resp: 509674
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 22.0 17.0 25.4

