

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
 Data File : BF133439.D
 Acq On : 18 May 2023 15:34
 Operator : CG\JU
 Sample : PB152875BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB152875BL

Quant Time: May 18 16:04:20 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)

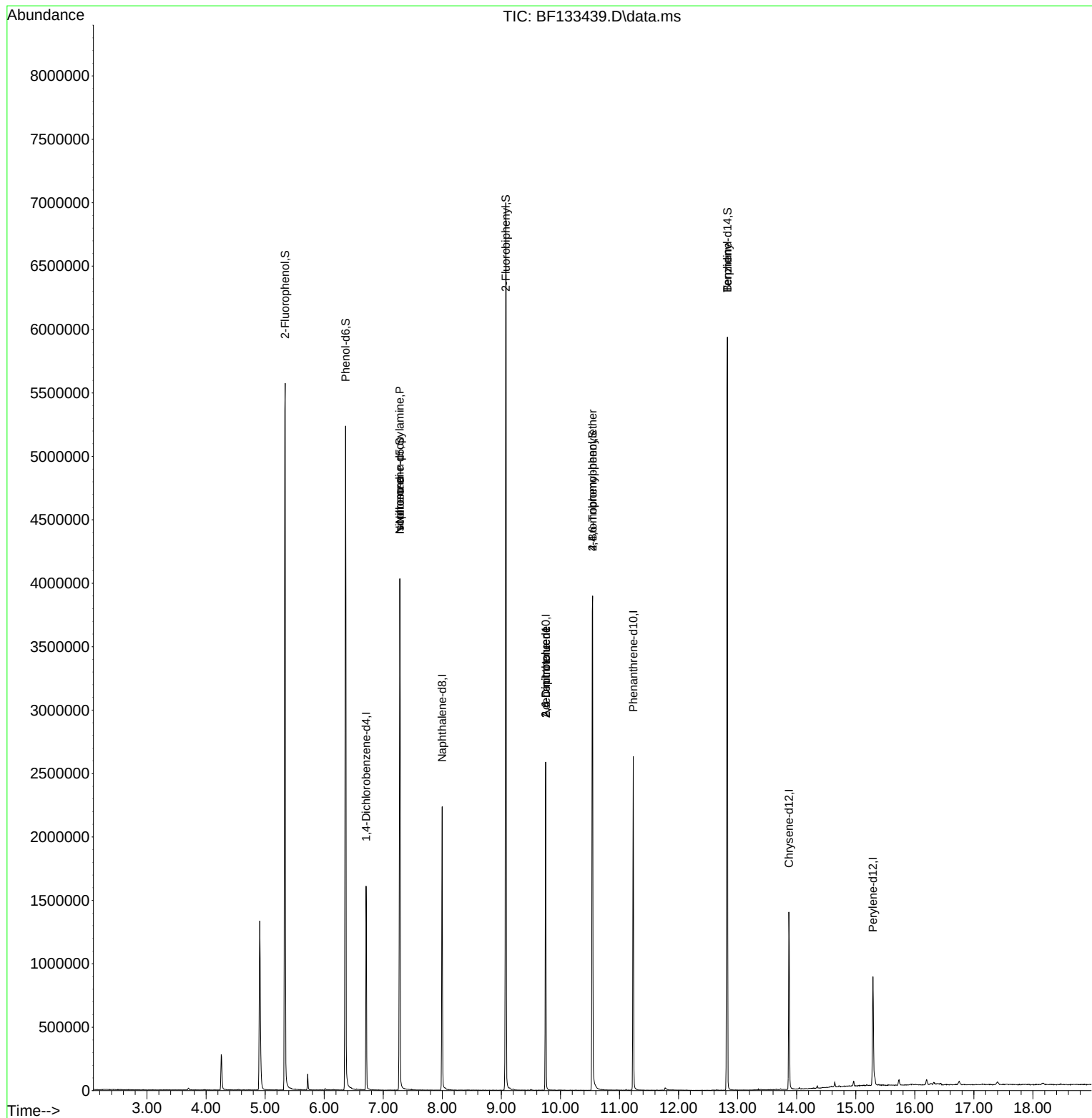
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.710	152	236761	20.000	ng	-0.01
21) Naphthalene-d8	7.998	136	951403	20.000	ng	-0.01
39) Acenaphthene-d10	9.751	164	496080	20.000	ng	-0.01
64) Phenanthrene-d10	11.233	188	903310	20.000	ng	-0.01
76) Chrysene-d12	13.868	240	468377	20.000	ng	-0.02
86) Perylene-d12	15.292	264	398611	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1854779	118.341	ng	0.00
7) Phenol-d6	6.363	99	2181041	112.114	ng	0.00
23) Nitrobenzene-d5	7.281	82	1404634	79.690	ng	-0.01
42) 2,4,6-Tribromophenol	10.545	330	583345	116.925	ng	0.00
45) 2-Fluorobiphenyl	9.075	172	2408062	81.210	ng	-0.01
79) Terphenyl-d14	12.827	244	2381243	87.683	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.245	77	83	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.281	70	184899	15.267	ng	# 75
25) Isophorone	7.281	82	1401892	41.890	ng	# 63
51) 2,6-Dinitrotoluene	9.751	165	62523	8.031	ng	# 24
57) 2,4-Dinitrotoluene	9.751	165	62523	6.297	ng	# 23
67) 4-Bromophenyl-phenylether	10.545	248	37003	3.777	ng	# 1
77) Benzidine	12.827	184	26621	3.361	ng	95

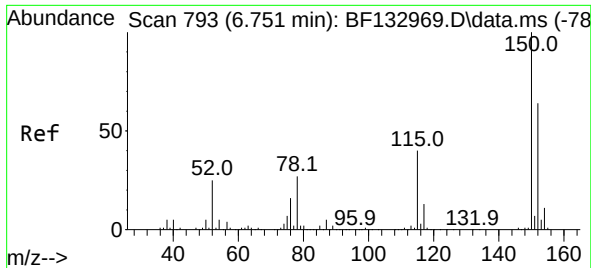
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051823\
Data File : BF133439.D
Acq On : 18 May 2023 15:34
Operator : CG\JU
Sample : PB152875BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB152875BL

Quant Time: May 18 16:04:20 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

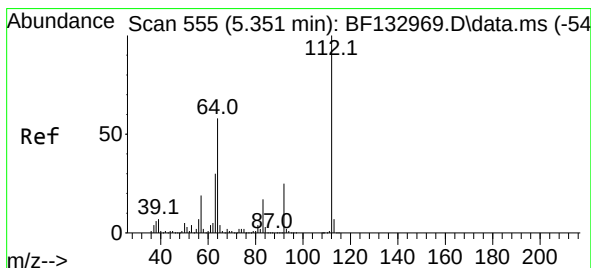
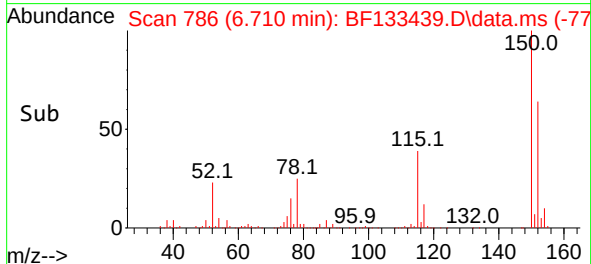
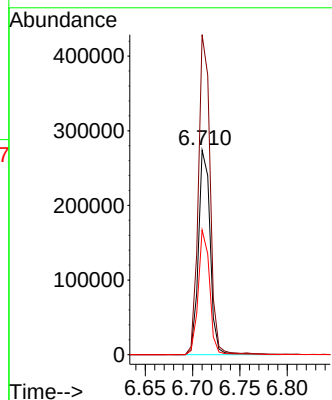
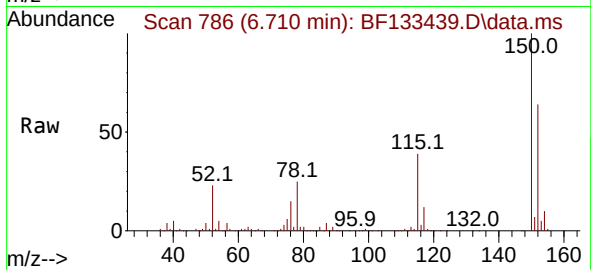




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.710 min Scan# 793
Delta R.T. -0.012 min
Lab File: BF133439.D
Acq: 18 May 2023 15:34

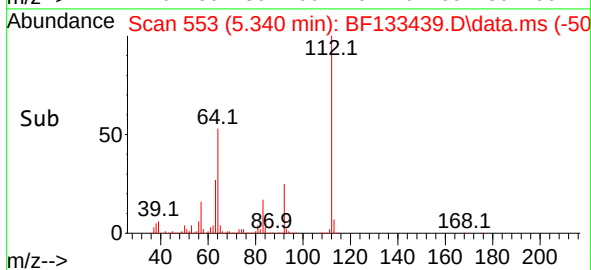
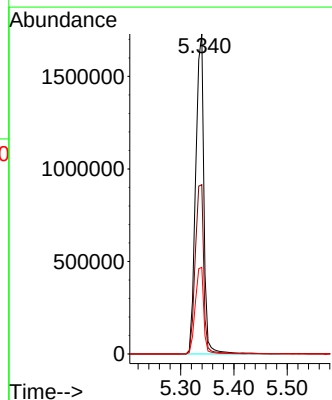
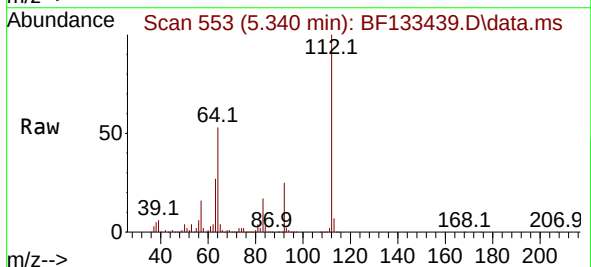
Instrument :
BNA_F
ClientSampleId :
PB152875BL

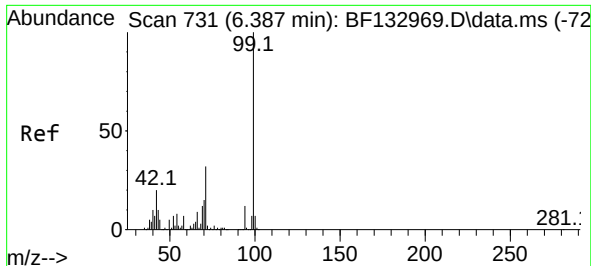
Tgt Ion:152 Resp: 236761
Ion Ratio Lower Upper
152 100
150 156.5 124.8 187.2
115 61.0 49.9 74.9



#5
2-Fluorophenol
Concen: 118.341 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.006 min
Lab File: BF133439.D
Acq: 18 May 2023 15:34

Tgt Ion:112 Resp: 1854779
Ion Ratio Lower Upper
112 100
64 52.9 46.8 70.2
63 27.1 23.8 35.8

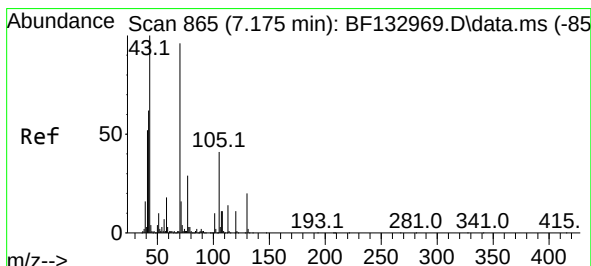
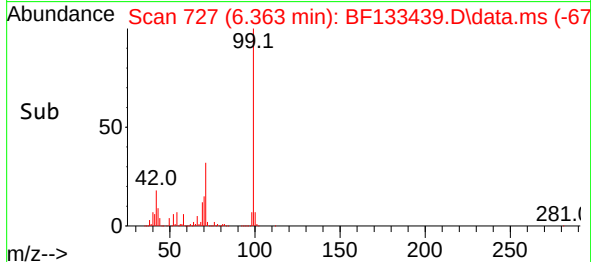
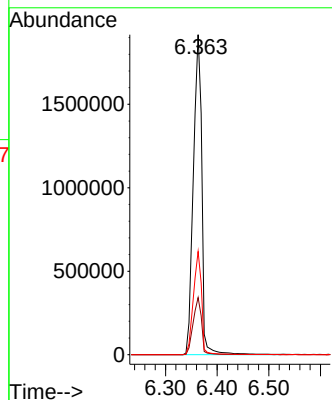
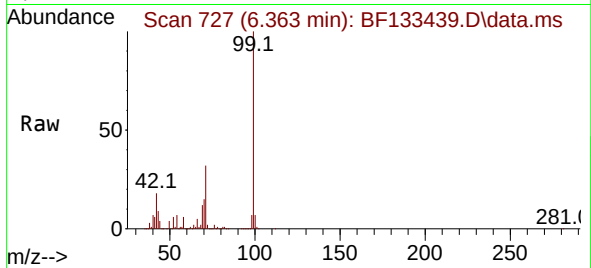




#7
Phenol-d6
Concen: 112.114 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133439.D
Acq: 18 May 2023 15:34

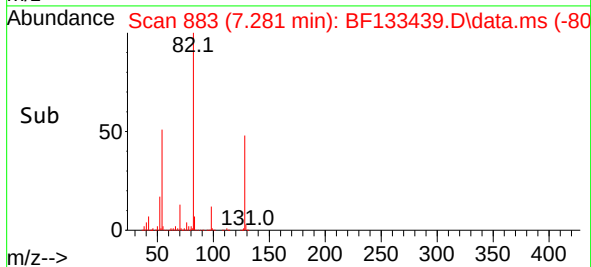
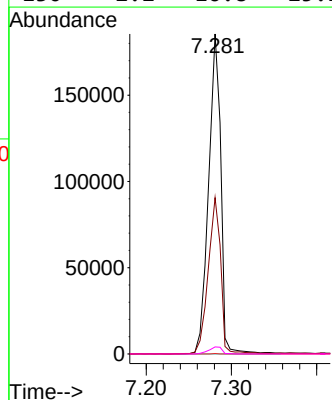
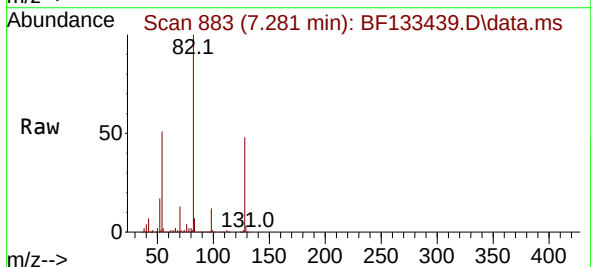
Instrument :
BNA_F
ClientSampleId :
PB152875BL

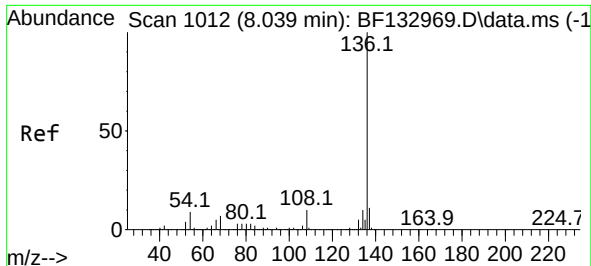
Tgt Ion: 99 Resp: 2181041
Ion Ratio Lower Upper
99 100
42 17.8 16.3 24.5
71 32.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 15.267 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.135 min
Lab File: BF133439.D
Acq: 18 May 2023 15:34

Tgt Ion: 70 Resp: 184899
Ion Ratio Lower Upper
70 100
42 48.9 51.8 77.6#
101 0.1 8.0 12.0#
130 2.2 16.8 25.2#

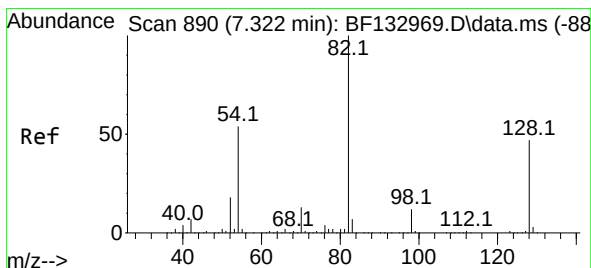
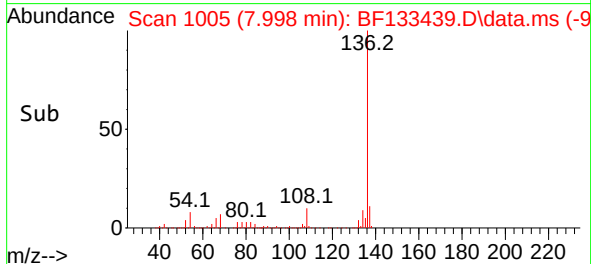
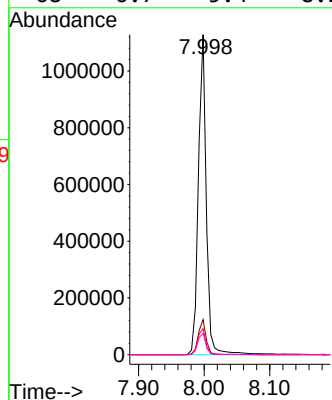
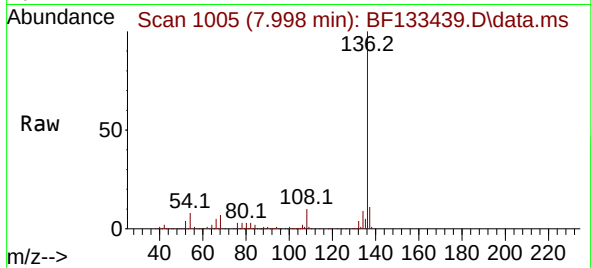




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.998 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF133439.D
Acq: 18 May 2023 15:34

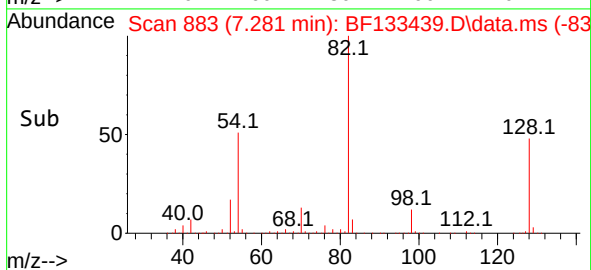
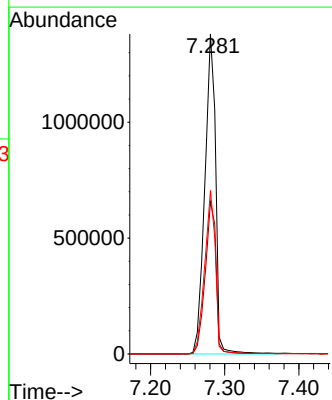
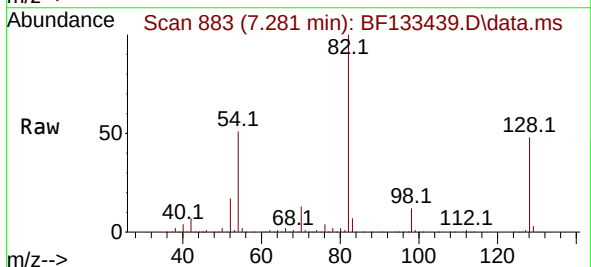
Instrument :
BNA_F
ClientSampleId :
PB152875BL

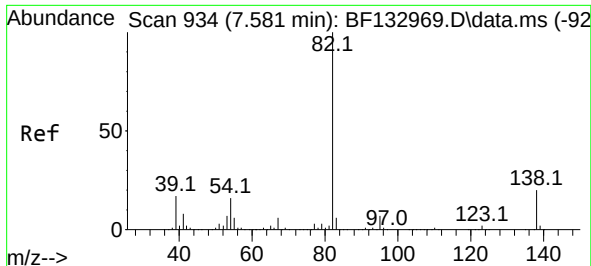
Tgt Ion:136 Resp: 951403
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.1 7.0 10.4
68 6.7 5.4 8.2



#23
Nitrobenzene-d5
Concen: 79.690 ng
RT: 7.281 min Scan# 883
Delta R.T. -0.012 min
Lab File: BF133439.D
Acq: 18 May 2023 15:34

Tgt Ion: 82 Resp: 1404634
Ion Ratio Lower Upper
82 100
128 47.5 37.7 56.5
54 51.1 43.0 64.4

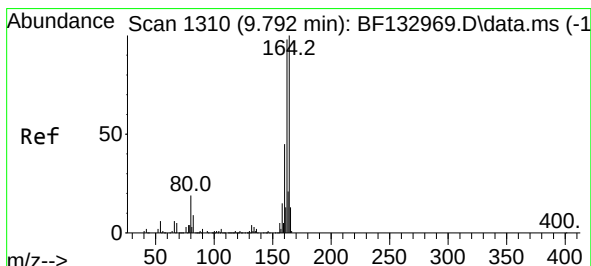
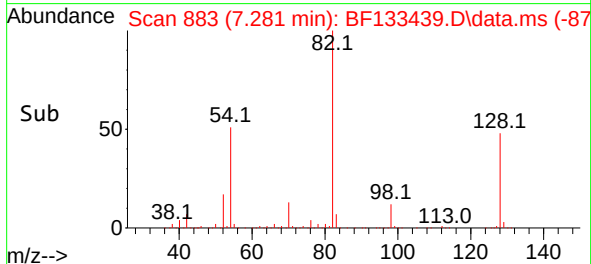
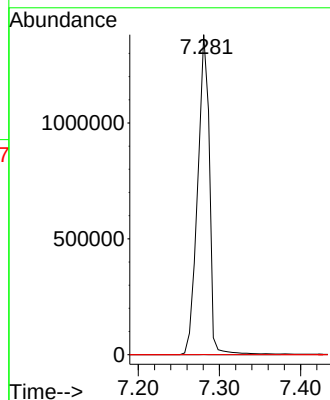
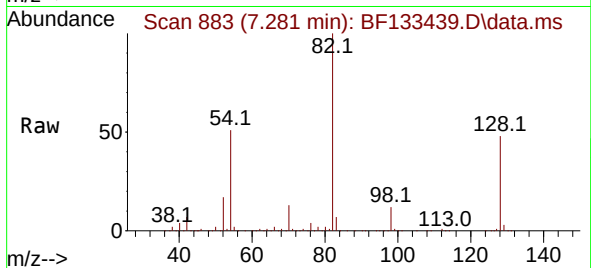




#25
Isophorone
Concen: 41.890 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.271 min
Lab File: BF133439.D
Acq: 18 May 2023 15:34

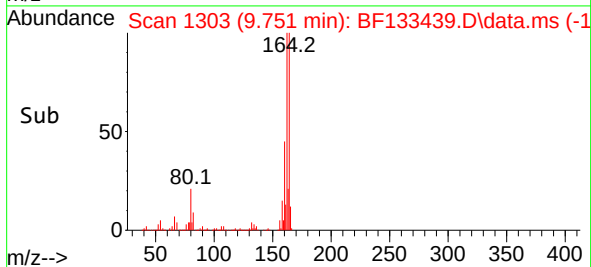
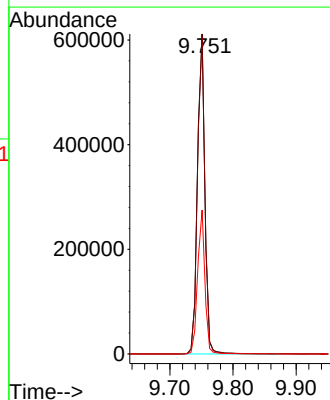
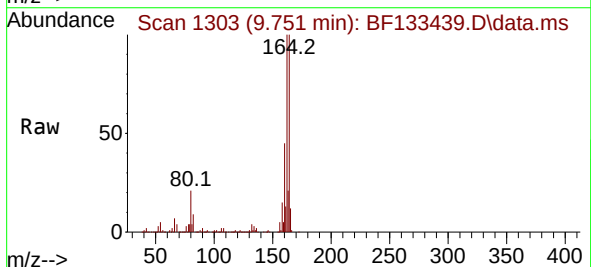
Instrument :
BNA_F
ClientSampleId :
PB152875BL

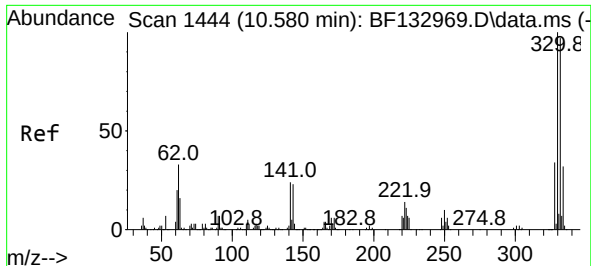
Tgt Ion: 82 Resp: 1401892
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BF133439.D
Acq: 18 May 2023 15:34

Tgt Ion:164 Resp: 496080
Ion Ratio Lower Upper
164 100
162 99.7 78.7 118.1
160 45.0 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 116.925 ng

RT: 10.545 min Scan# 1444

Delta R.T. -0.006 min

Lab File: BF133439.D

Acq: 18 May 2023 15:34

Instrument :

BNA_F

ClientSampleId :

PB152875BL

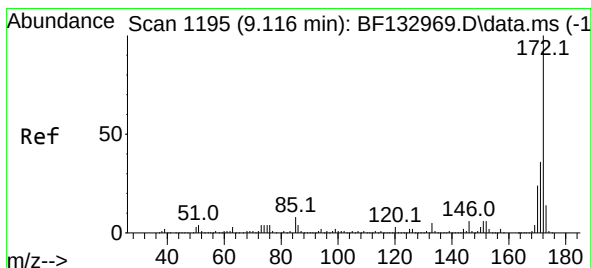
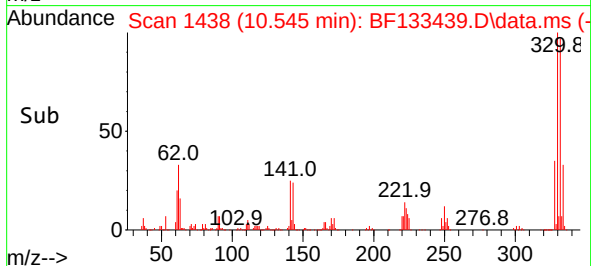
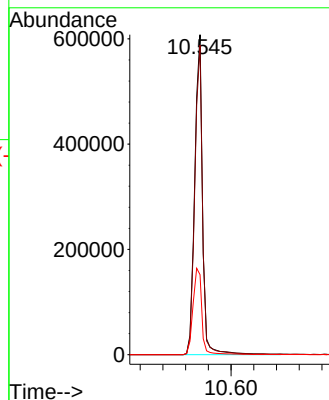
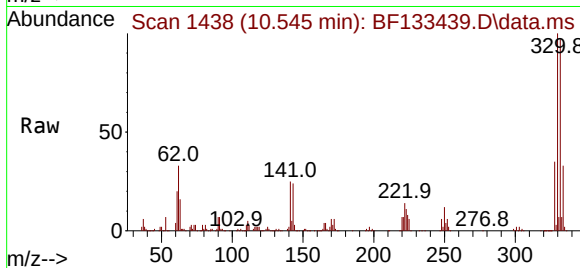
Tgt Ion:330 Resp: 583345

Ion Ratio Lower Upper

330 100

332 96.1 77.1 115.7

141 30.6 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 81.210 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.012 min

Lab File: BF133439.D

Acq: 18 May 2023 15:34

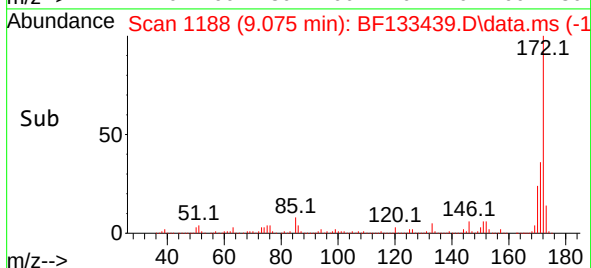
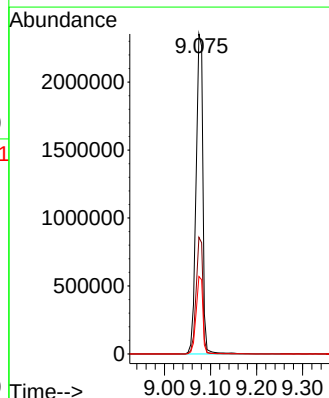
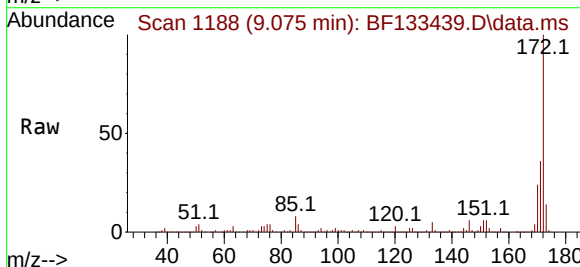
Tgt Ion:172 Resp: 2408062

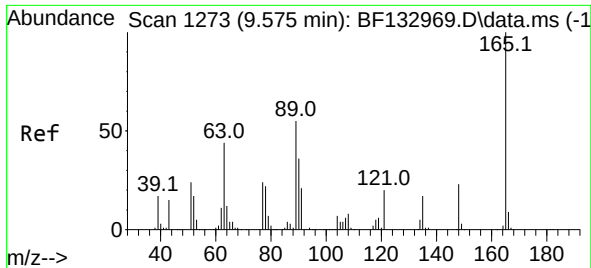
Ion Ratio Lower Upper

172 100

171 36.5 28.8 43.2

170 24.2 19.4 29.2

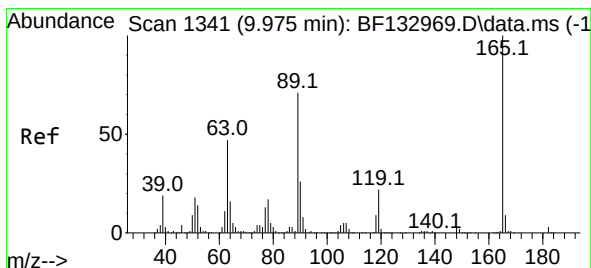
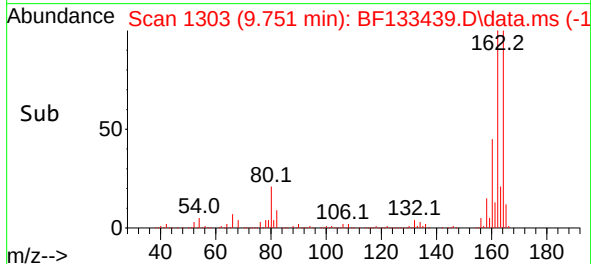
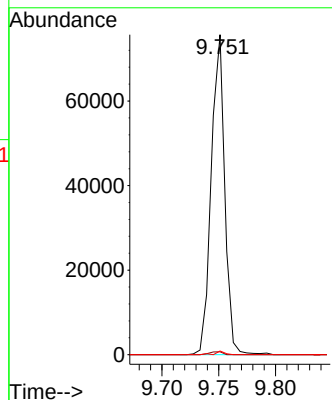
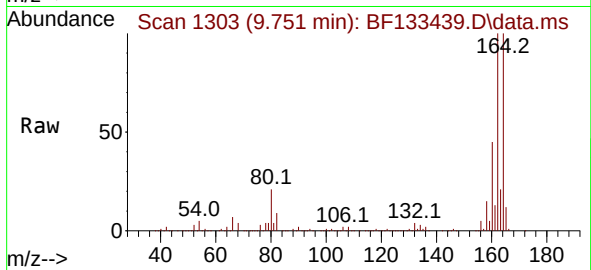




#51
2,6-Dinitrotoluene
Concen: 8.031 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF133439.D
Acq: 18 May 2023 15:34

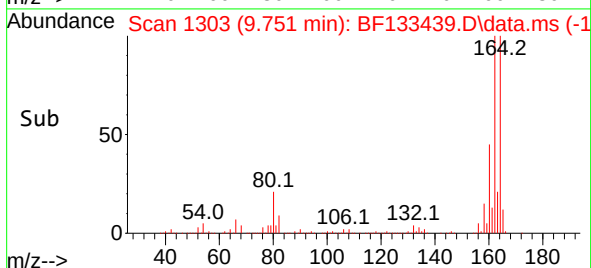
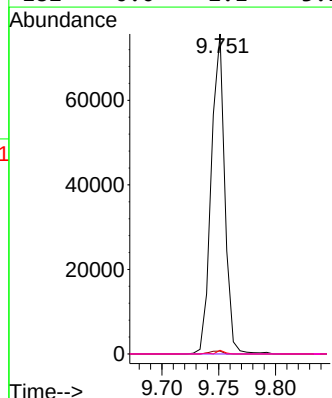
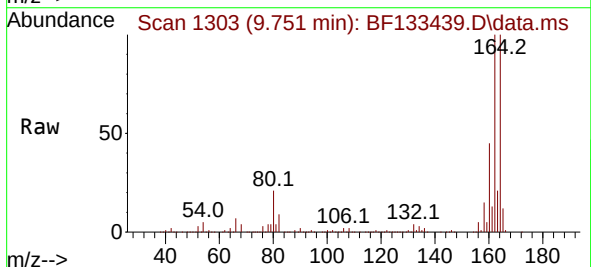
Instrument :
BNA_F
ClientSampleId :
PB152875BL

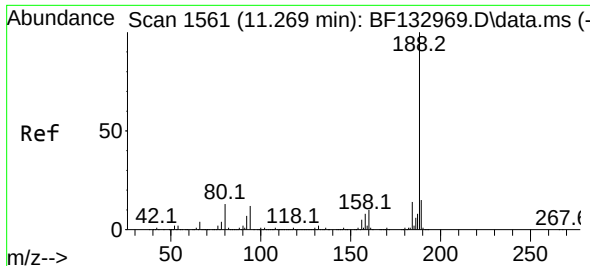
Tgt Ion:165 Resp: 62523
Ion Ratio Lower Upper
165 100
63 0.9 45.9 68.9#
89 1.1 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.297 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.206 min
Lab File: BF133439.D
Acq: 18 May 2023 15:34

Tgt Ion:165 Resp: 62523
Ion Ratio Lower Upper
165 100
63 0.9 37.7 56.5#
89 1.1 57.0 85.4#
182 0.0 2.1 3.1#

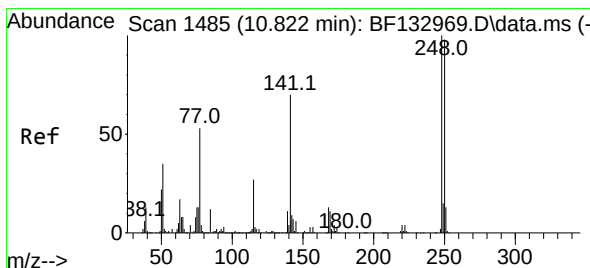
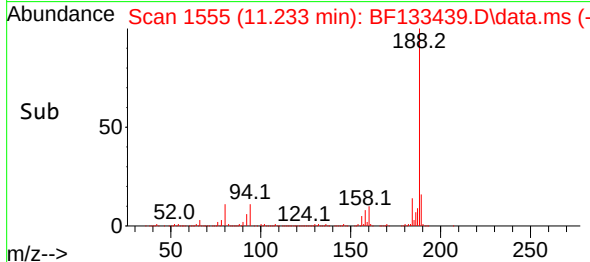
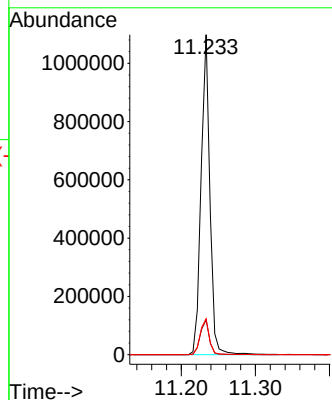
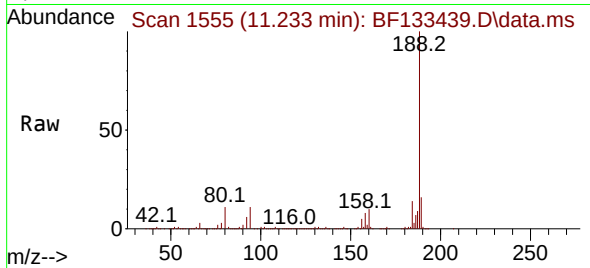




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.233 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF133439.D
Acq: 18 May 2023 15:34

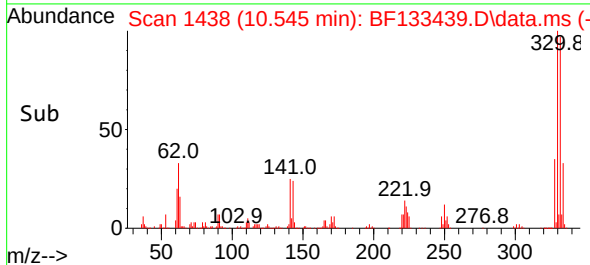
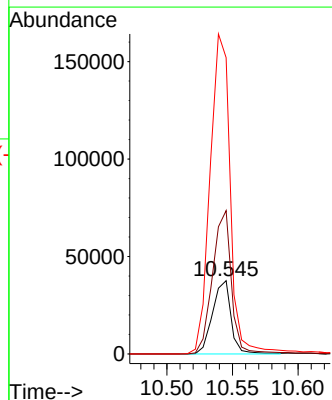
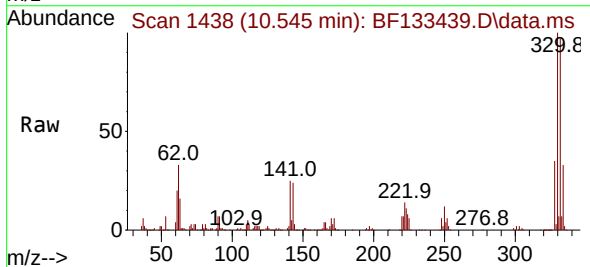
Instrument :
BNA_F
ClientSampleId :
PB152875BL

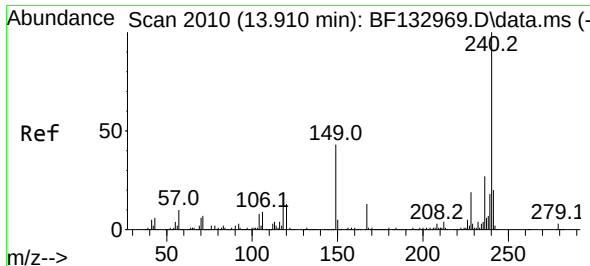
Tgt Ion:188 Resp: 903310
Ion Ratio Lower Upper
188 100
94 10.8 9.7 14.5
80 11.2 10.4 15.6



#67
4-Bromophenyl-phenylether
Concen: 3.777 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.247 min
Lab File: BF133439.D
Acq: 18 May 2023 15:34

Tgt Ion:248 Resp: 37003
Ion Ratio Lower Upper
248 100
250 195.8 78.7 118.1#
141 404.6 56.3 84.5#

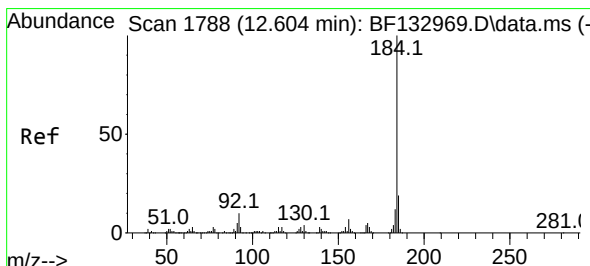
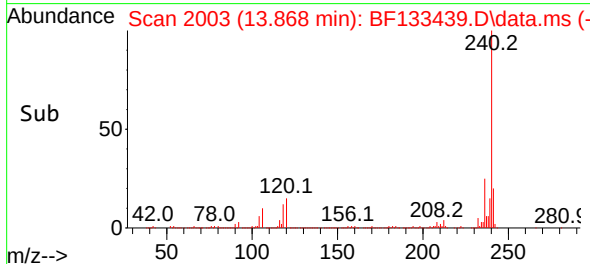
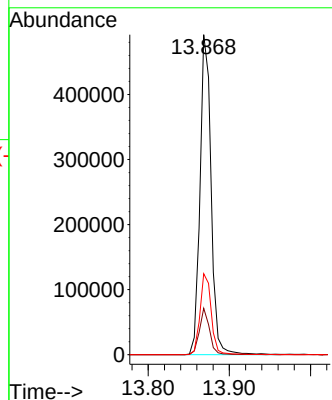
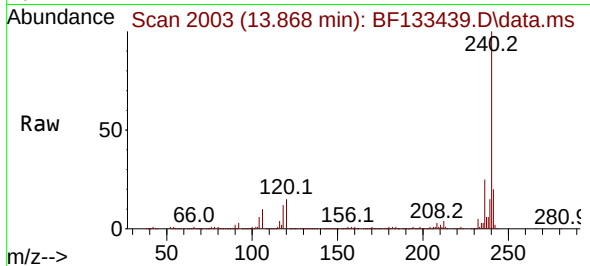




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 2010
Delta R.T. -0.018 min
Lab File: BF133439.D
Acq: 18 May 2023 15:34

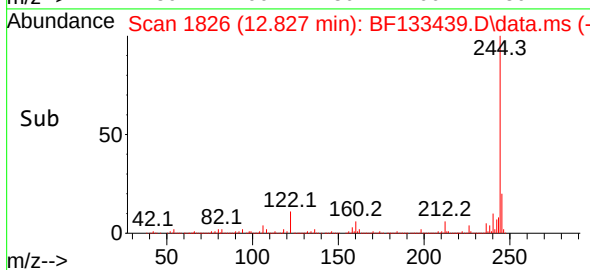
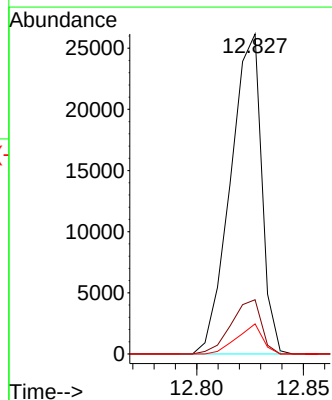
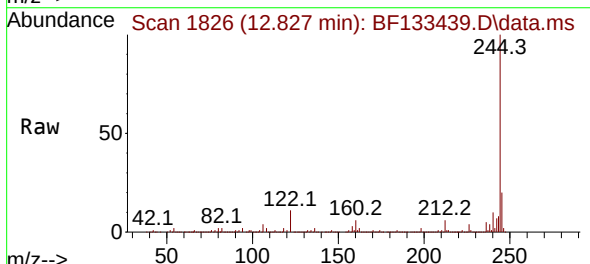
Instrument :
BNA_F
ClientSampleId :
PB152875BL

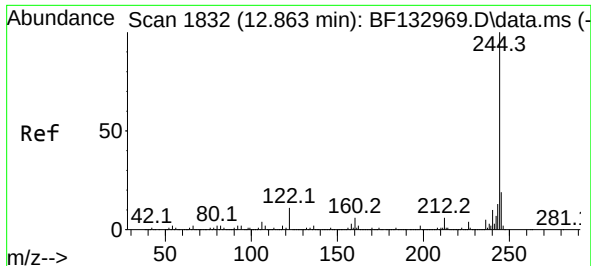
Tgt Ion:240 Resp: 468377
Ion Ratio Lower Upper
240 100
120 14.5 10.5 15.7
236 25.3 21.5 32.3



#77
Benzidine
Concen: 3.361 ng
RT: 12.827 min Scan# 1826
Delta R.T. 0.247 min
Lab File: BF133439.D
Acq: 18 May 2023 15:34

Tgt Ion:184 Resp: 26621
Ion Ratio Lower Upper
184 100
185 17.0 15.4 23.2
183 9.4 9.4 14.0

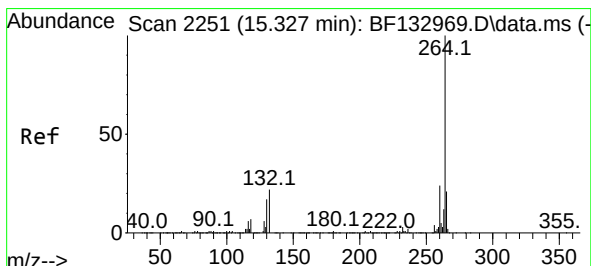
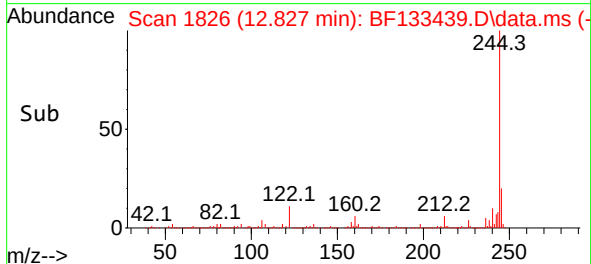
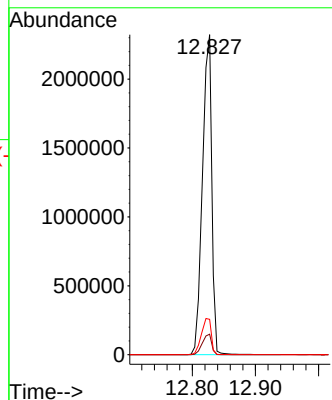
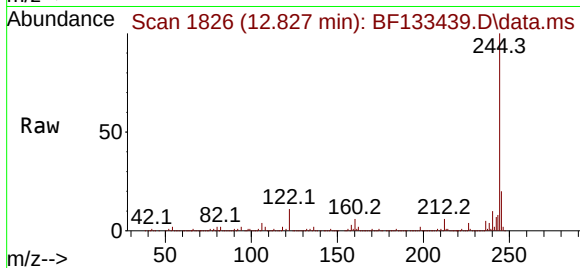




#79
 Terphenyl-d14
 Concen: 87.683 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF133439.D
 Acq: 18 May 2023 15:34

Instrument :
 BNA_F
 ClientSampleId :
 PB152875BL

Tgt Ion:244 Resp: 2381243
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 11.0 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: BF133439.D
 Acq: 18 May 2023 15:34

Tgt Ion:264 Resp: 398611
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.8 28.2
 265 21.1 17.0 25.4

