

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
 Data File : BF133344.D
 Acq On : 10 May 2023 22:13
 Operator : CG\JU
 Sample : 02719-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02_5-7_20230509

Quant Time: May 11 03:43:43 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 09 04:59:36 2023
 Response via : Initial Calibration

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

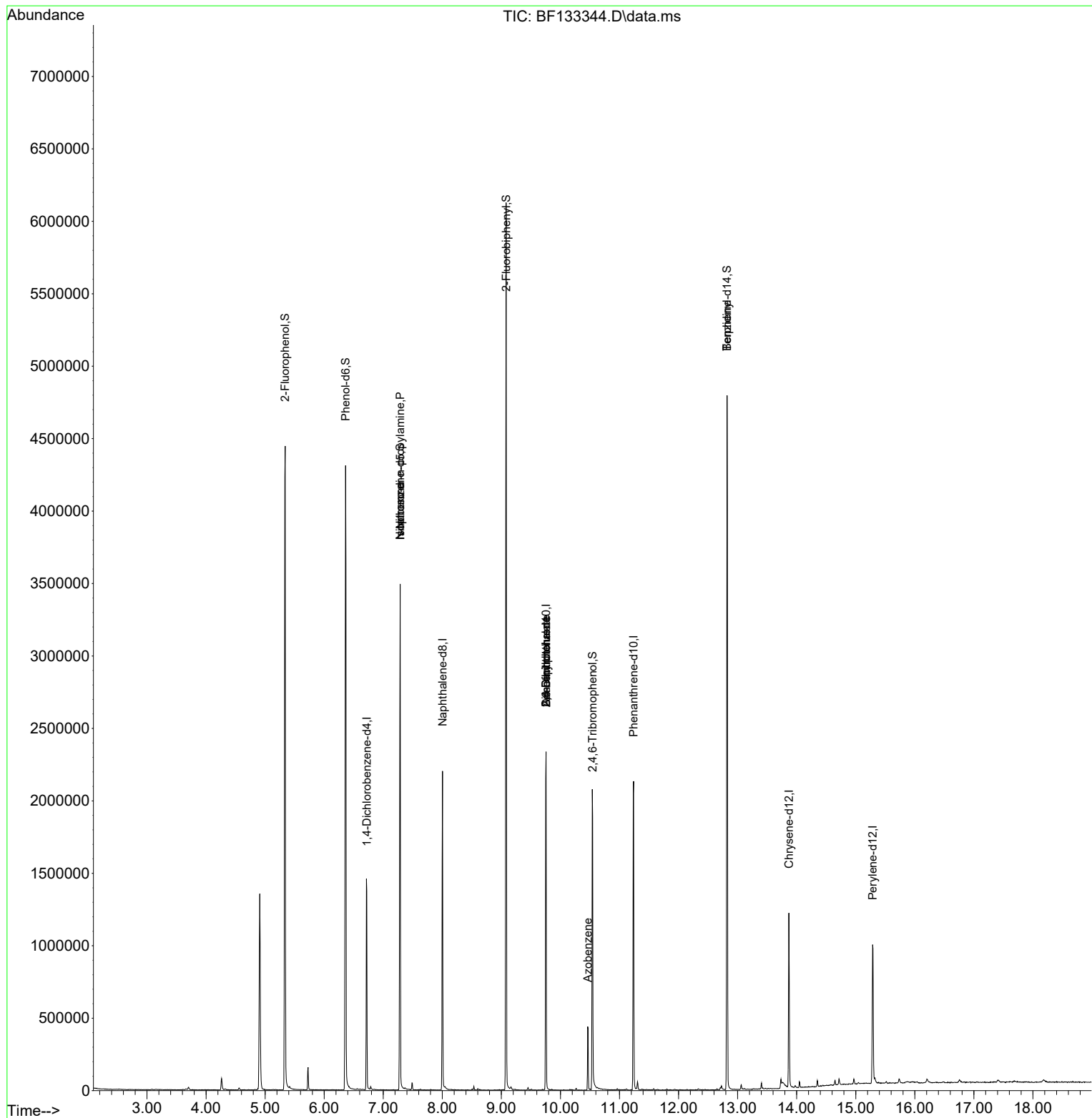
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	218013	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	904860	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	478564	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	823586	20.000	ng	# 0.00
76) Chrysene-d12	13.868	240	383839	20.000	ng	-0.01
86) Perylene-d12	15.286	264	433139	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.339	112	1394242	96.607	ng	0.01
7) Phenol-d6	6.363	99	1689709	94.327	ng	0.00
23) Nitrobenzene-d5	7.286	82	1041080	62.103	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	256222	53.237	ng	0.00
45) 2-Fluorobiphenyl	9.080	172	1784623	62.388	ng	0.00
79) Terphenyl-d14	12.821	244	1750744	78.665	ng	-0.01
Target Compounds						
						Qvalue
9) Benzaldehyde	6.286	77	147	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.286	70	137206	12.303	ng	# 78
25) Isophorone	7.286	82	1041073	32.709	ng	# 63
50) Dimethylphthalate	9.757	163	99361	2.978	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	60996	8.121	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	60996	6.368	ng	# 23
63) Azobenzene	10.463	77	79435	2.379	ng	# 1
77) Benzidine	12.821	184	21943	3.381	ng	96

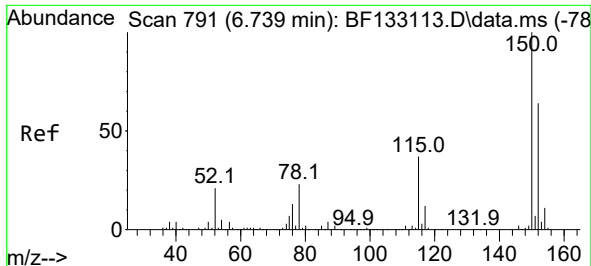
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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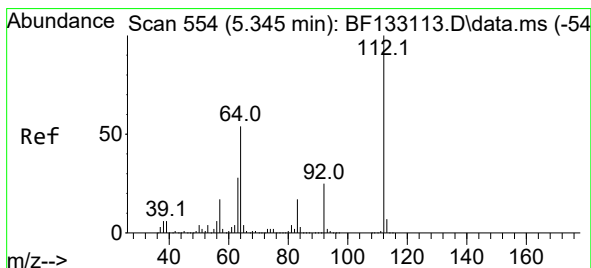
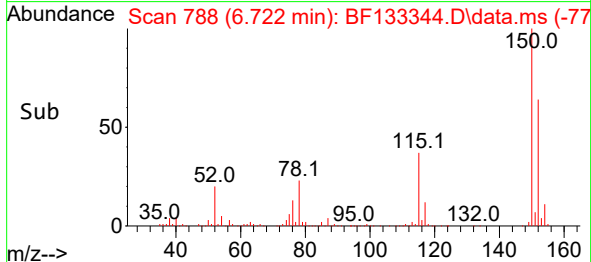
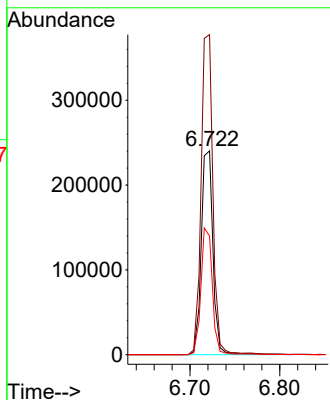
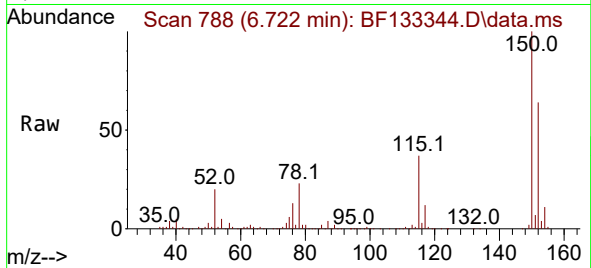




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133344.D
Acq: 10 May 2023 22:13

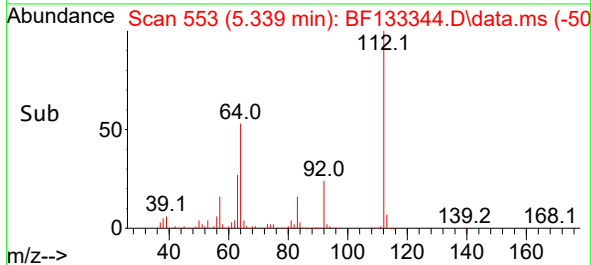
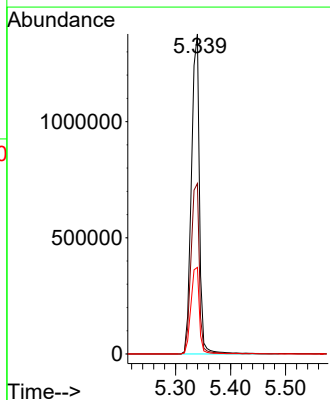
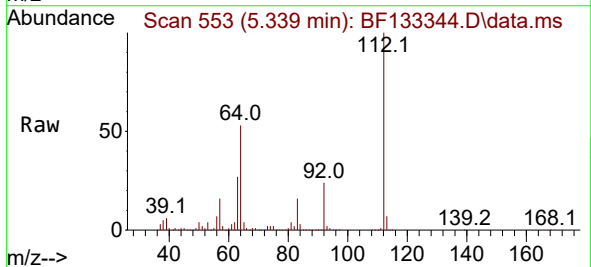
Instrument :
BNA_F
ClientSampleId :
SB-02_5-7_20230509

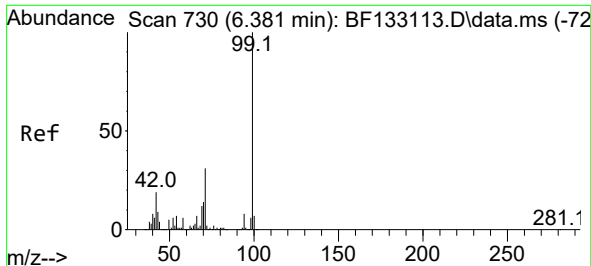
Tgt Ion:152 Resp: 218013
Ion Ratio Lower Upper
152 100
150 157.0 124.8 187.2
115 58.2 49.9 74.9



#5
2-Fluorophenol
Concen: 96.607 ng
RT: 5.339 min Scan# 553
Delta R.T. 0.012 min
Lab File: BF133344.D
Acq: 10 May 2023 22:13

Tgt Ion:112 Resp: 1394242
Ion Ratio Lower Upper
112 100
64 53.3 46.8 70.2
63 27.1 23.8 35.8

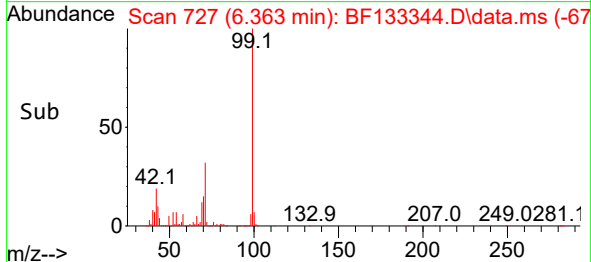
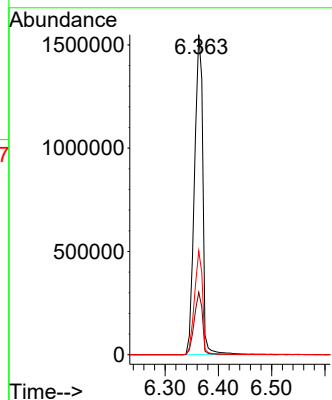
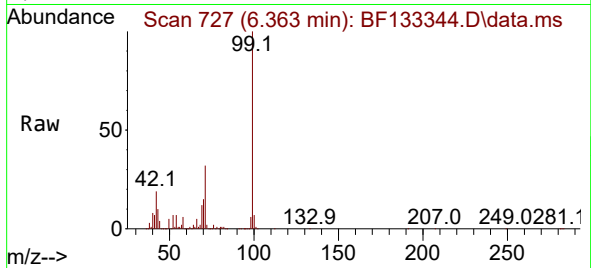




#7
Phenol-d6
Concen: 94.327 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133344.D
Acq: 10 May 2023 22:13

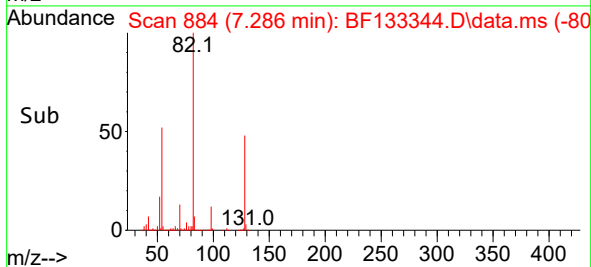
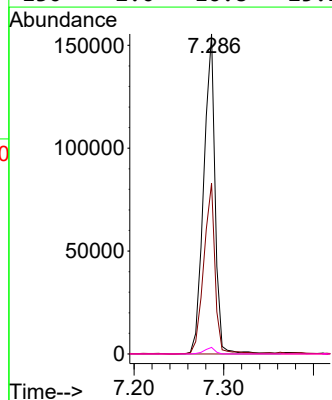
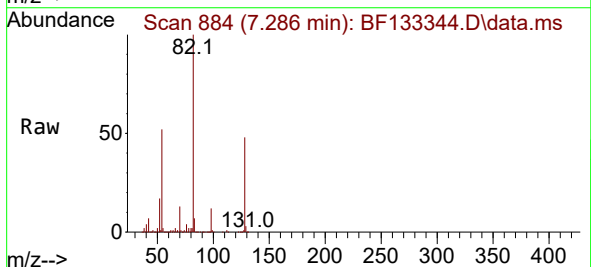
Instrument :
BNA_F
ClientSampleId :
SB-02_5-7_20230509

Tgt Ion: 99 Resp: 1689709
Ion Ratio Lower Upper
99 100
42 19.5 16.3 24.5
71 32.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.303 ng
RT: 7.286 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF133344.D
Acq: 10 May 2023 22:13

Tgt Ion: 70 Resp: 137206
Ion Ratio Lower Upper
70 100
42 53.3 51.8 77.6
101 0.0 8.0 12.0#
130 2.0 16.8 25.2#

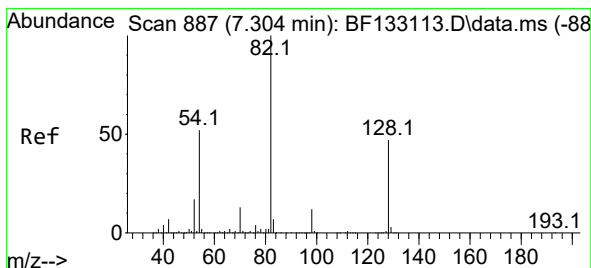
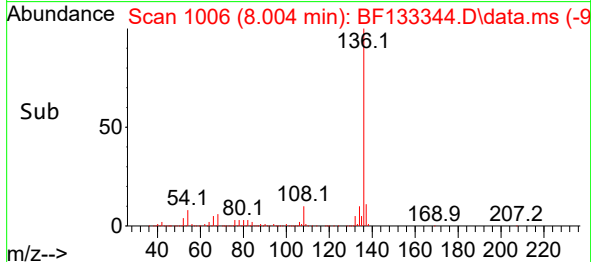
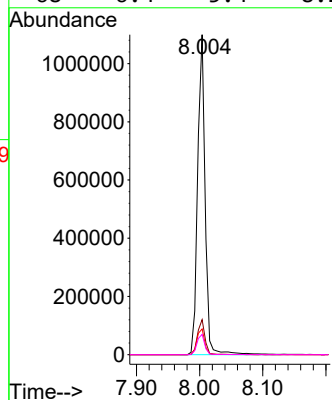
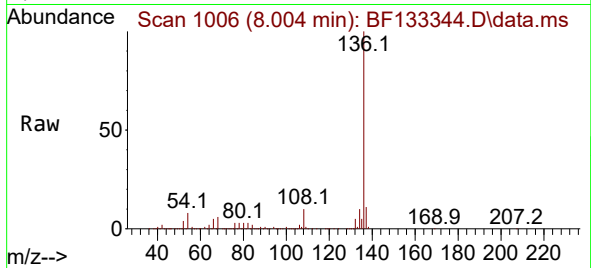




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133344.D
Acq: 10 May 2023 22:13

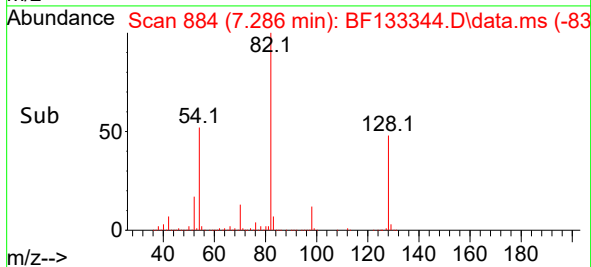
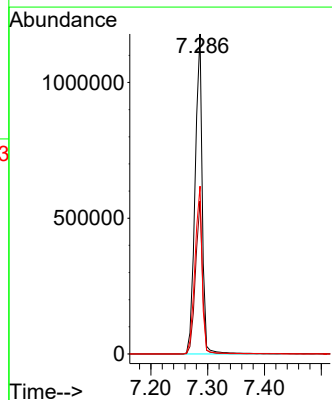
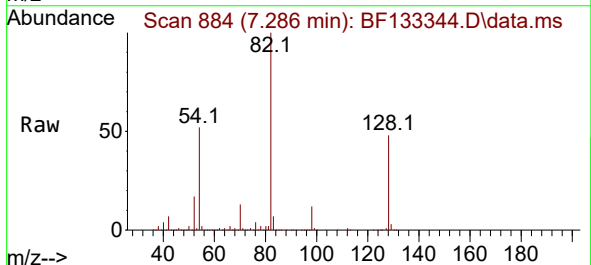
Instrument :
BNA_F
ClientSampleId :
SB-02_5-7_20230509

Tgt Ion:136 Resp: 904860
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.1 7.0 10.4
68 6.4 5.4 8.2



#23
Nitrobenzene-d5
Concen: 62.103 ng
RT: 7.286 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF133344.D
Acq: 10 May 2023 22:13

Tgt Ion: 82 Resp: 1041080
Ion Ratio Lower Upper
82 100
128 47.8 37.7 56.5
54 52.5 43.0 64.4

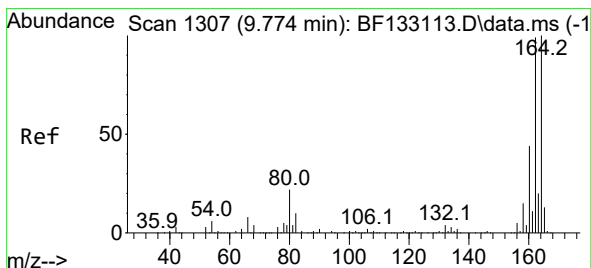
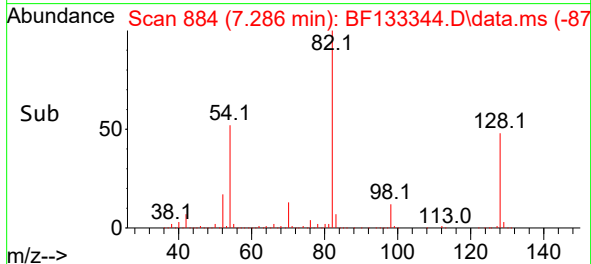
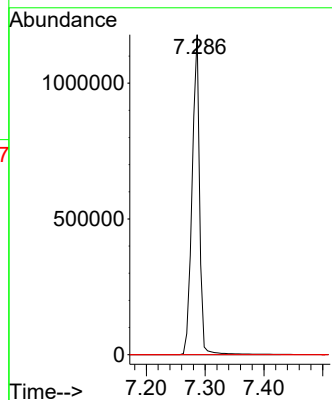
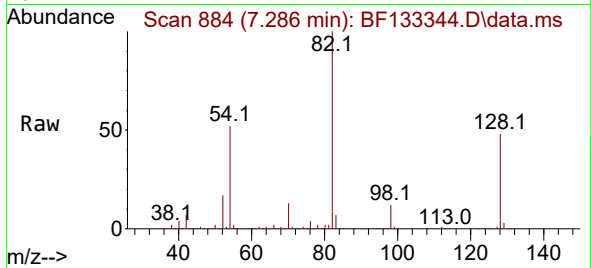




#25
Isophorone
Concen: 32.709 ng
RT: 7.286 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133344.D
Acq: 10 May 2023 22:13

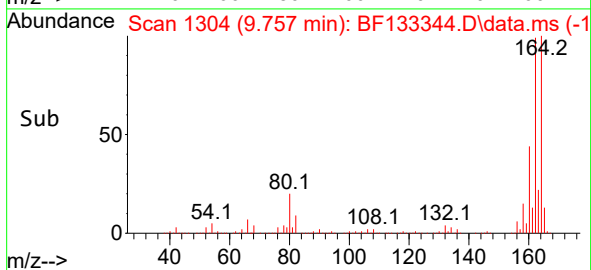
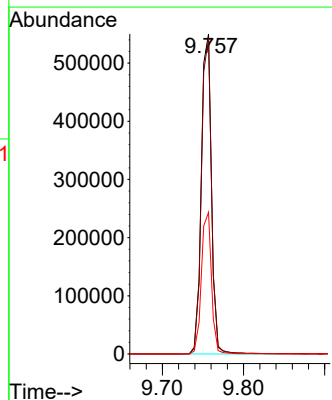
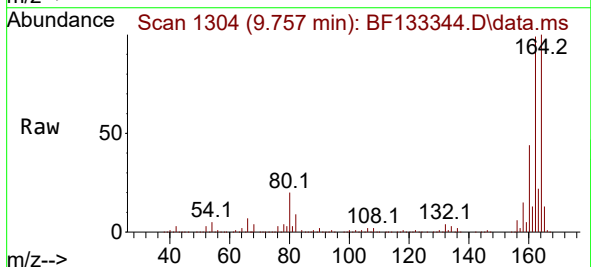
Instrument :
BNA_F
ClientSampleId :
SB-02_5-7_20230509

Tgt Ion: 82 Resp: 1041073
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: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133344.D
Acq: 10 May 2023 22:13

Tgt Ion:164 Resp: 478564
Ion Ratio Lower Upper
164 100
162 98.8 78.7 118.1
160 44.3 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 53.237 ng

RT: 10.545 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF133344.D

Acq: 10 May 2023 22:13

Instrument :

BNA_F

ClientSampleId :

SB-02_5-7_20230509

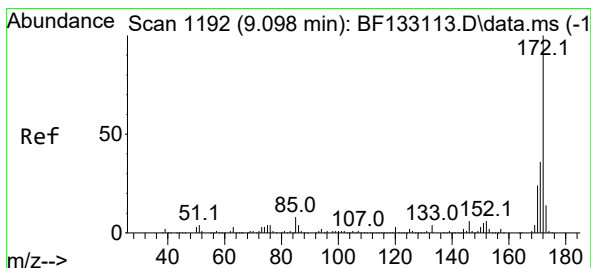
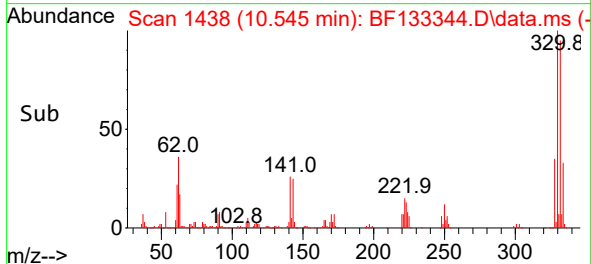
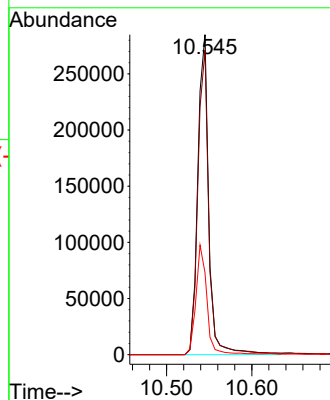
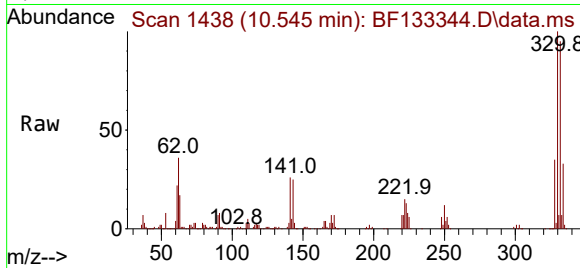
Tgt Ion:330 Resp: 256222

Ion Ratio Lower Upper

330 100

332 95.1 77.1 115.7

141 34.1 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 62.388 ng

RT: 9.080 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF133344.D

Acq: 10 May 2023 22:13

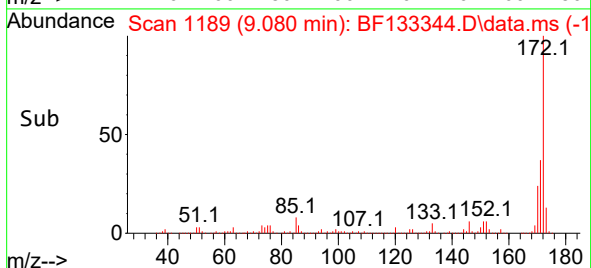
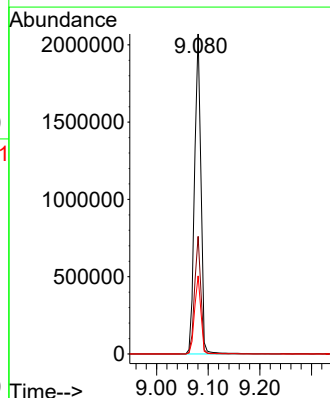
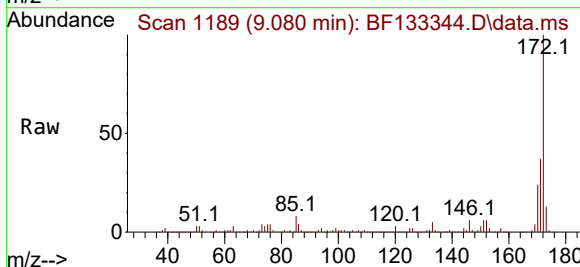
Tgt Ion:172 Resp: 1784623

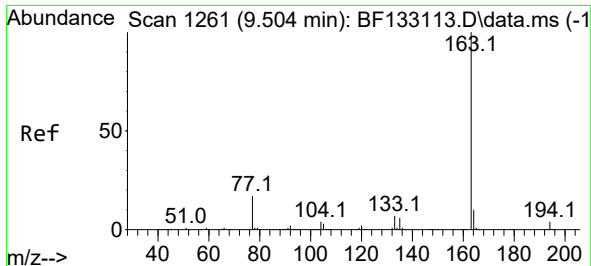
Ion Ratio Lower Upper

172 100

171 36.7 28.8 43.2

170 24.4 19.4 29.2

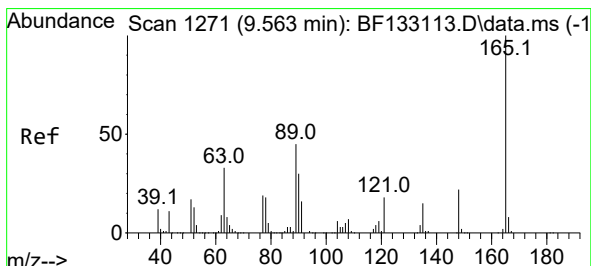
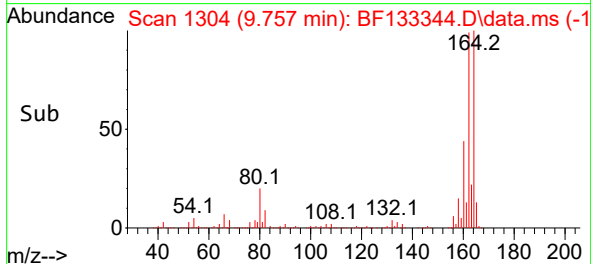
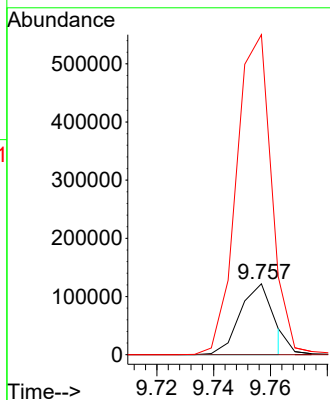
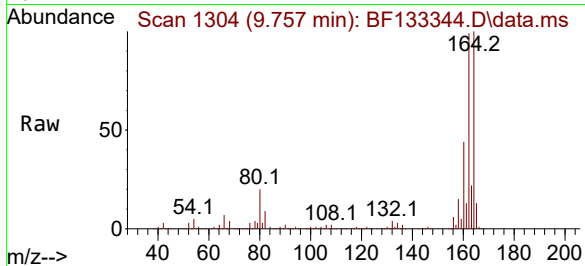




#50
Dimethylphthalate
Concen: 2.978 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.265 min
Lab File: BF133344.D
Acq: 10 May 2023 22:13

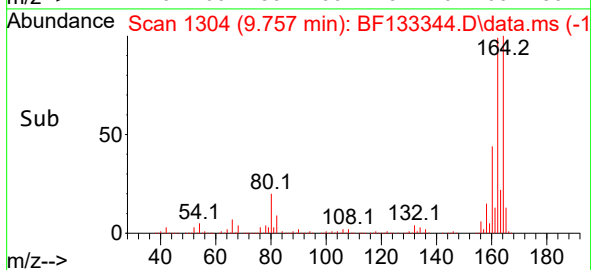
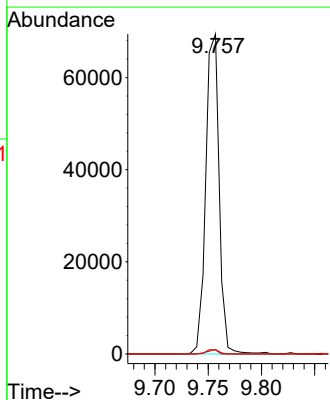
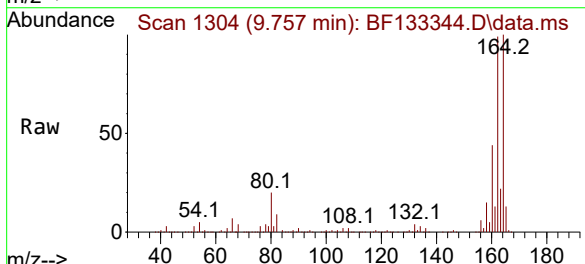
Instrument :
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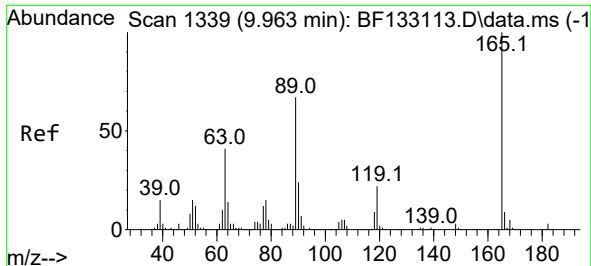
Tgt Ion:163 Resp: 99361
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 451.9 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.121 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF133344.D
Acq: 10 May 2023 22:13

Tgt Ion:165 Resp: 60996
Ion Ratio Lower Upper
165 100
63 1.3 45.9 68.9#
89 1.4 44.0 66.0#

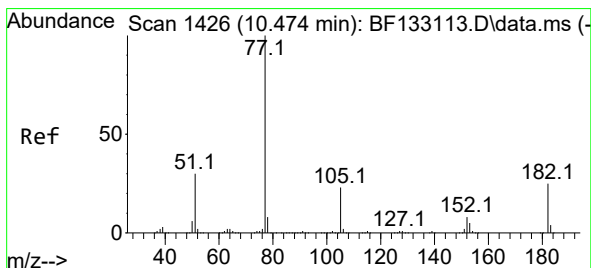
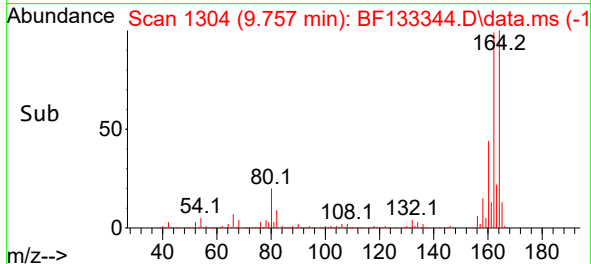
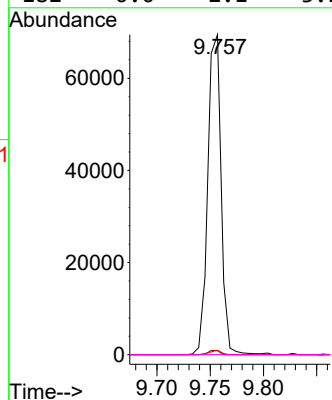
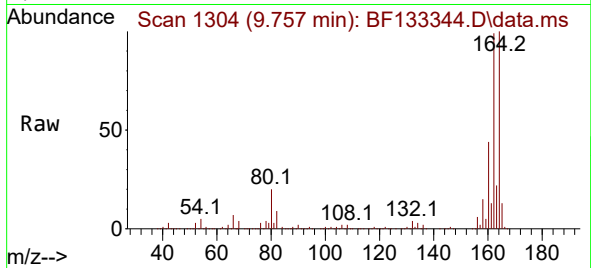




#57
2,4-Dinitrotoluene
Concen: 6.368 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133344.D
Acq: 10 May 2023 22:13

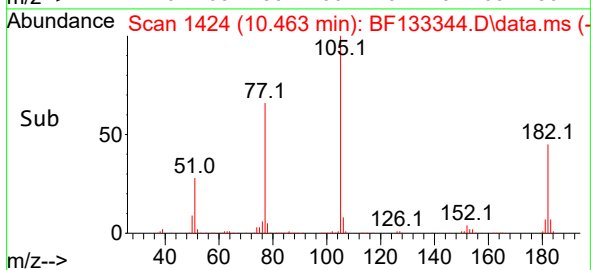
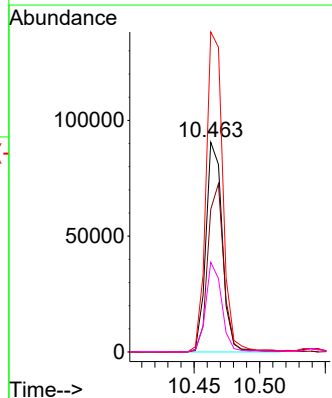
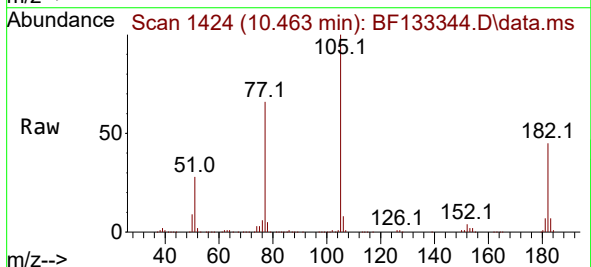
Instrument :
BNA_F
ClientSampleId :
SB-02_5-7_20230509

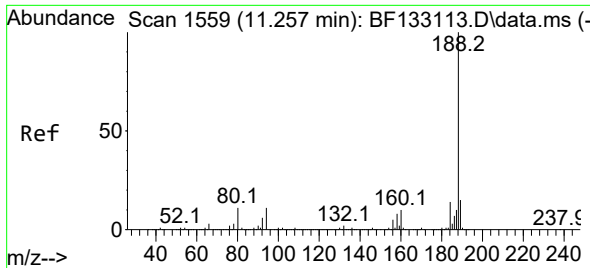
Tgt Ion:165 Resp: 60996
Ion Ratio Lower Upper
165 100
63 1.3 37.7 56.5#
89 1.4 57.0 85.4#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 2.379 ng
RT: 10.463 min Scan# 1424
Delta R.T. -0.000 min
Lab File: BF133344.D
Acq: 10 May 2023 22:13

Tgt Ion: 77 Resp: 79435
Ion Ratio Lower Upper
77 100
182 68.0 5.9 45.9#
105 152.5 2.3 42.3#
51 42.8 11.1 51.1

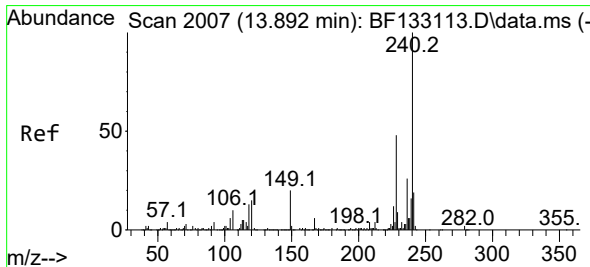
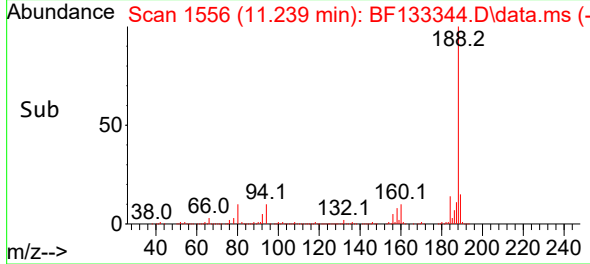
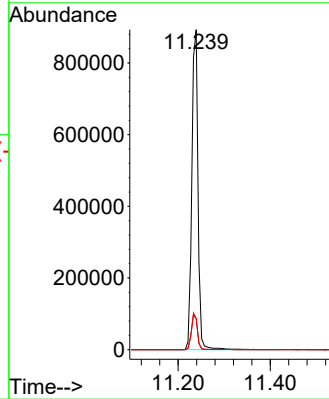
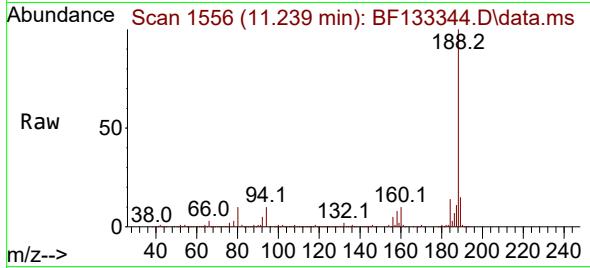




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133344.D
Acq: 10 May 2023 22:13

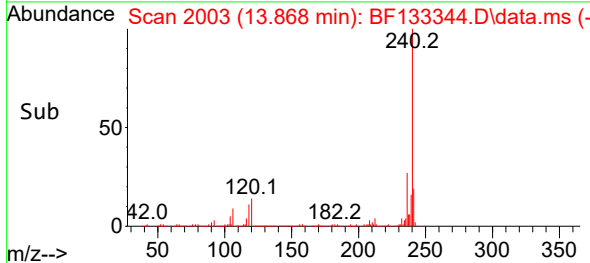
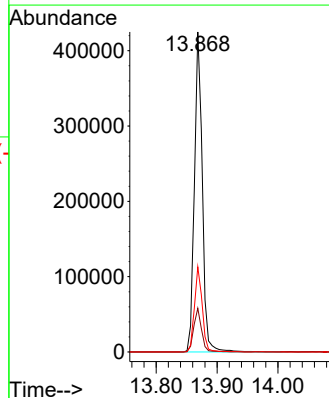
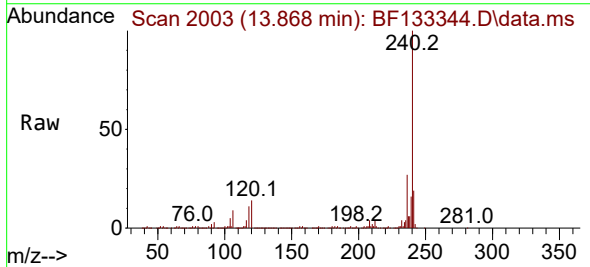
Instrument :
BNA_F
ClientSampleId :
SB-02_5-7_20230509

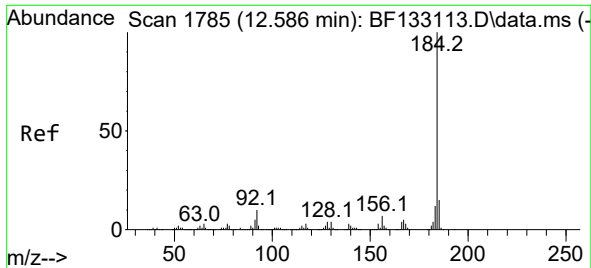
Tgt Ion:188 Resp: 823586
Ion Ratio Lower Upper
188 100
94 9.7 9.7 14.5
80 9.8 10.4 15.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF133344.D
Acq: 10 May 2023 22:13

Tgt Ion:240 Resp: 383839
Ion Ratio Lower Upper
240 100
120 13.7 10.5 15.7
236 26.6 21.5 32.3

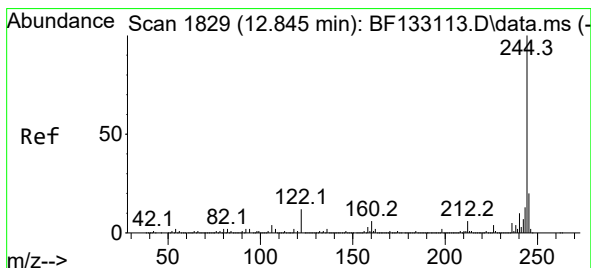
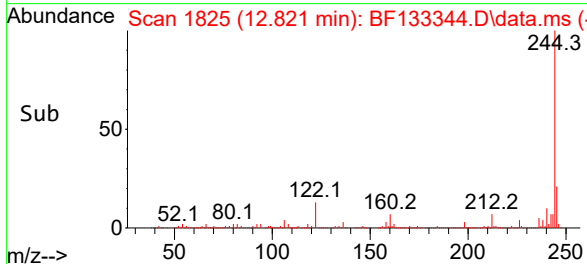
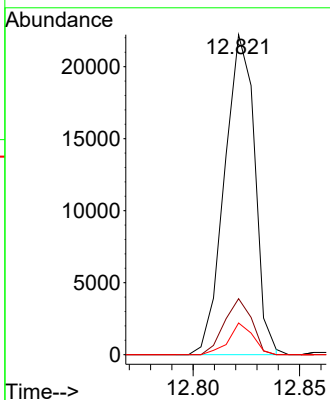
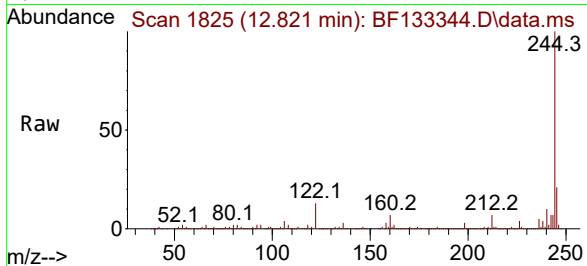




#77
Benzidine
Concen: 3.381 ng
RT: 12.821 min Scan# 1825
Delta R.T. 0.247 min
Lab File: BF133344.D
Acq: 10 May 2023 22:13

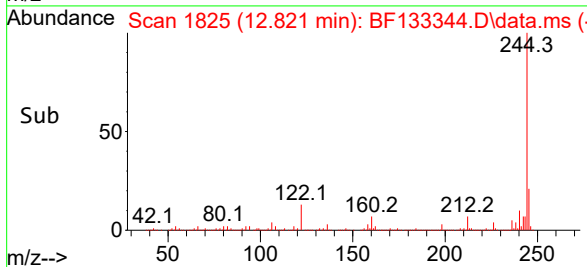
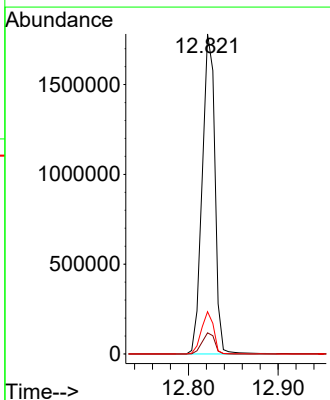
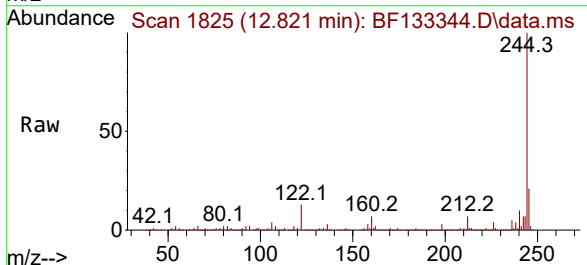
Instrument :
BNA_F
ClientSampleId :
SB-02_5-7_20230509

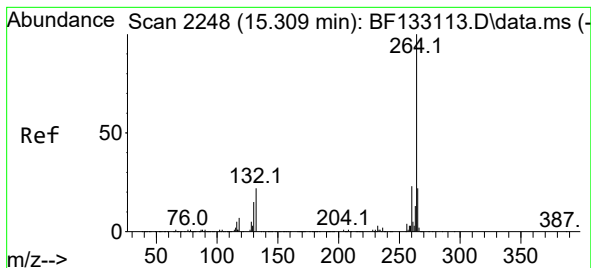
Tgt Ion:184 Resp: 21943
Ion Ratio Lower Upper
184 100
185 17.5 15.4 23.2
183 9.9 9.4 14.0



#79
Terphenyl-d14
Concen: 78.665 ng
RT: 12.821 min Scan# 1825
Delta R.T. -0.012 min
Lab File: BF133344.D
Acq: 10 May 2023 22:13

Tgt Ion:244 Resp: 1750744
Ion Ratio Lower Upper
244 100
212 6.6 5.1 7.7
122 13.2 8.6 13.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.286 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133344.D

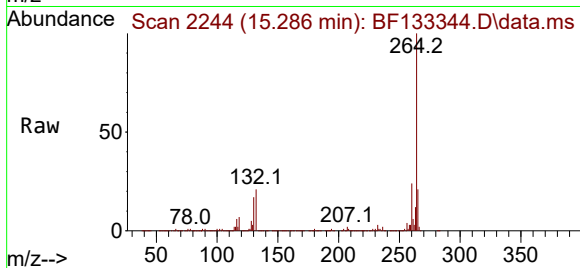
Acq: 10 May 2023 22:13

Instrument :

BNA_F

ClientSampleId :

SB-02_5-7_20230509



Tgt Ion:264 Resp: 433139

Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 21.4 17.0 25.4

