

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
 Data File : BF133345.D
 Acq On : 10 May 2023 22:44
 Operator : CG\JU
 Sample : 02719-10
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01_10-12_20230509

Quant Time: May 11 03:43:56 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)

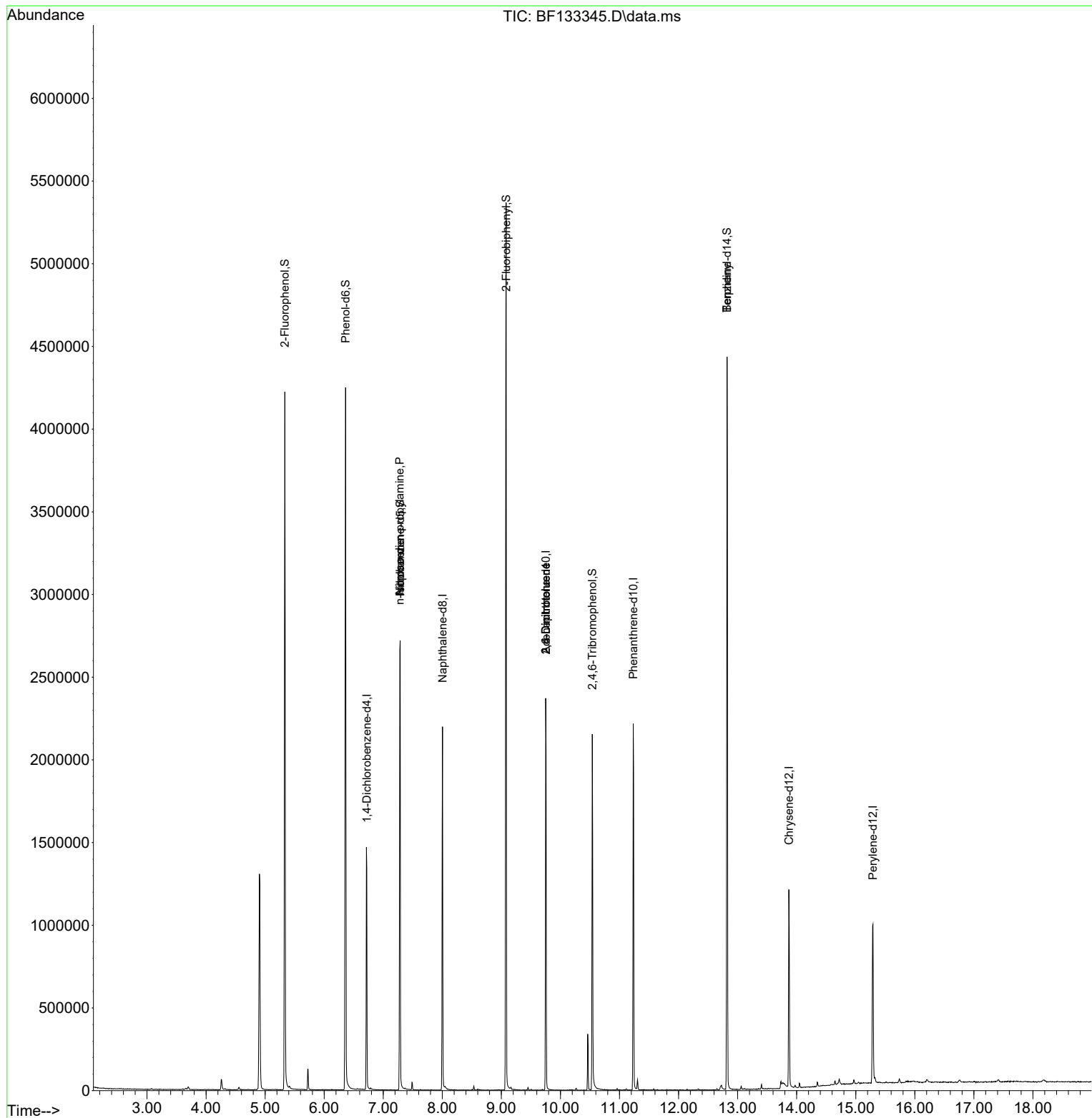
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	219343	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	899145	20.000	ng	0.00
39) Acenaphthene-d10	9.751	164	471767	20.000	ng	-0.01
64) Phenanthrene-d10	11.233	188	820161	20.000	ng	-0.01
76) Chrysene-d12	13.868	240	398427	20.000	ng	-0.01
86) Perylene-d12	15.292	264	438270	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1212446	83.501	ng	0.00
7) Phenol-d6	6.363	99	1480084	82.124	ng	0.00
23) Nitrobenzene-d5	7.287	82	907206	54.461	ng	0.00
42) 2,4,6-Tribromophenol	10.539	330	246619	51.980	ng	-0.01
45) 2-Fluorobiphenyl	9.081	172	1607064	56.990	ng	0.00
79) Terphenyl-d14	12.821	244	1588143	68.746	ng	-0.01
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.275	77	330	Below Cal	#	27
19) n-Nitroso-di-n-propyla...	7.281	70	117989	10.516	ng	# 78
25) Isophorone	7.287	82	907200	28.684	ng	# 63
51) 2,6-Dinitrotoluene	9.751	165	60877	8.222	ng	# 25
57) 2,4-Dinitrotoluene	9.751	165	60877	6.447	ng	# 23
77) Benzidine	12.821	184	19483	2.892	ng	# 88

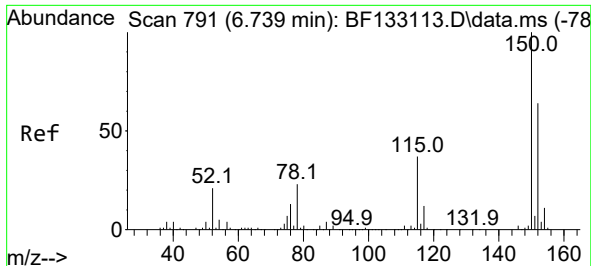
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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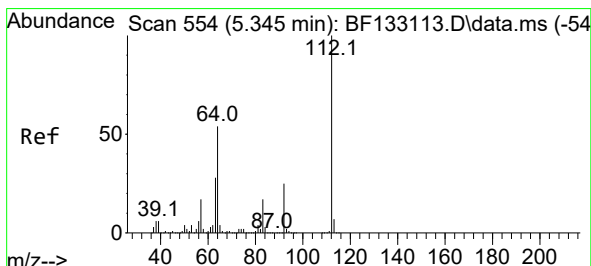
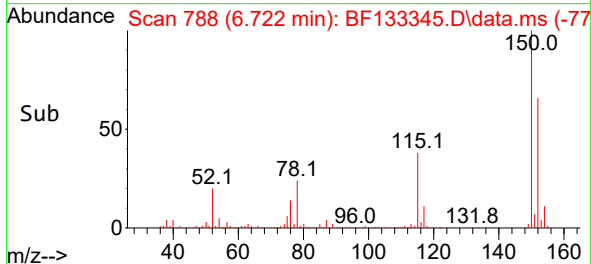
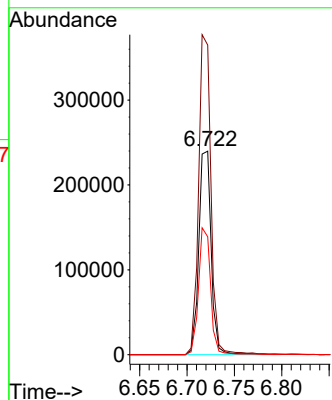
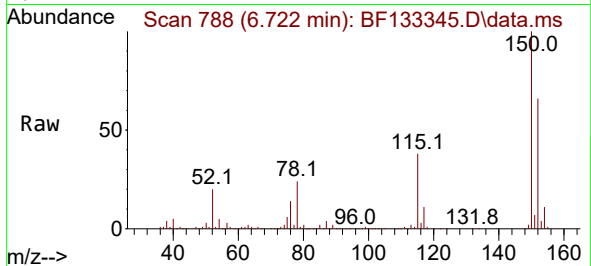




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 791
Delta R.T. -0.000 min
Lab File: BF133345.D
Acq: 10 May 2023 22:44

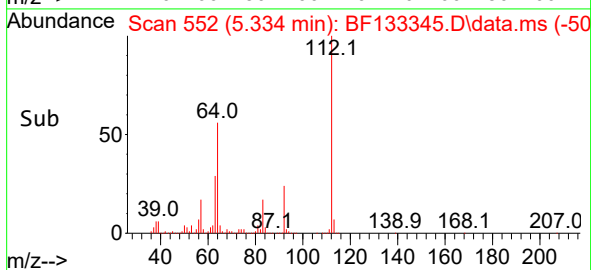
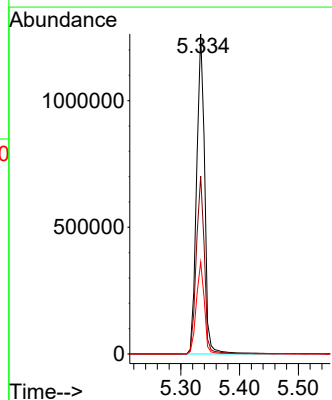
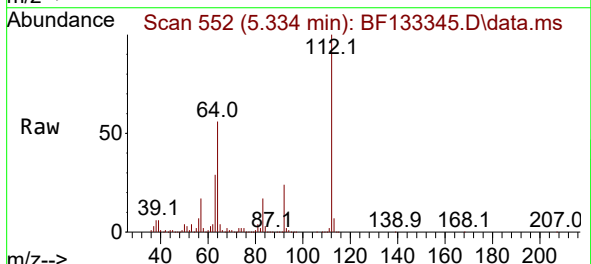
Instrument :
BNA_F
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SB-01_10-12_20230509

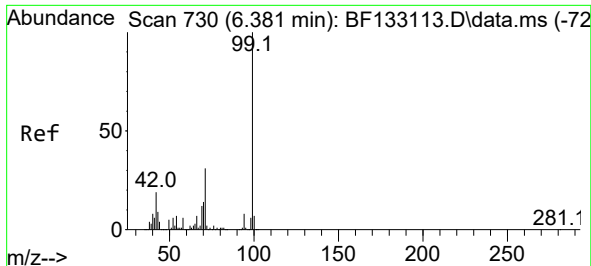
Tgt Ion:152 Resp: 219343
Ion Ratio Lower Upper
152 100
150 152.1 124.8 187.2
115 57.9 49.9 74.9



#5
2-Fluorophenol
Concen: 83.501 ng
RT: 5.334 min Scan# 552
Delta R.T. 0.006 min
Lab File: BF133345.D
Acq: 10 May 2023 22:44

Tgt Ion:112 Resp: 1212446
Ion Ratio Lower Upper
112 100
64 55.6 46.8 70.2
63 28.7 23.8 35.8

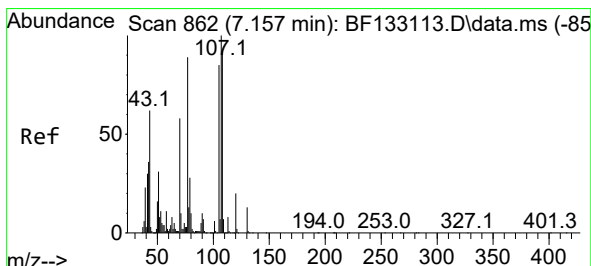
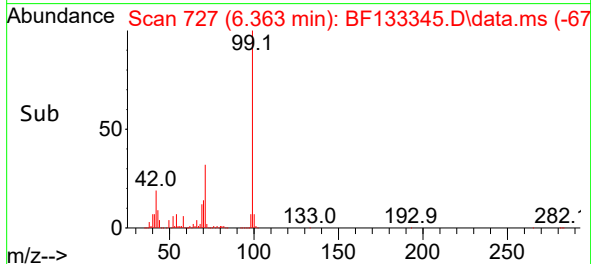
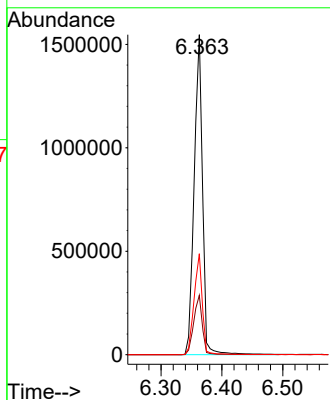
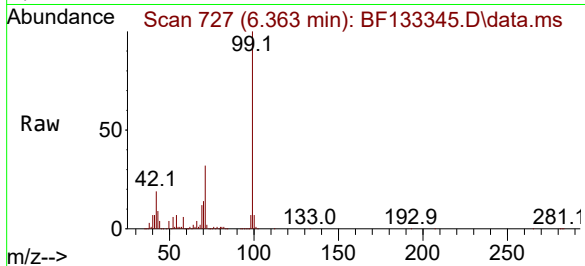




#7
Phenol-d6
Concen: 82.124 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133345.D
Acq: 10 May 2023 22:44

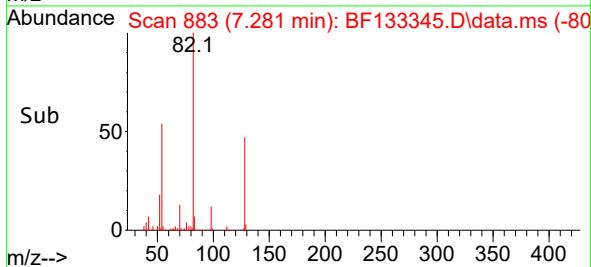
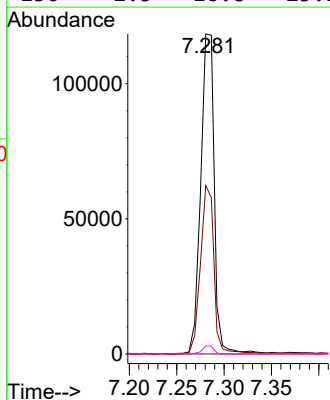
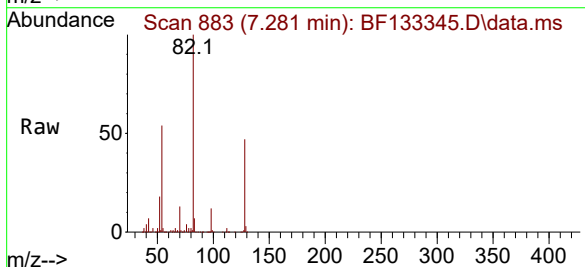
Instrument :
BNA_F
ClientSampleId :
SB-01_10-12_20230509

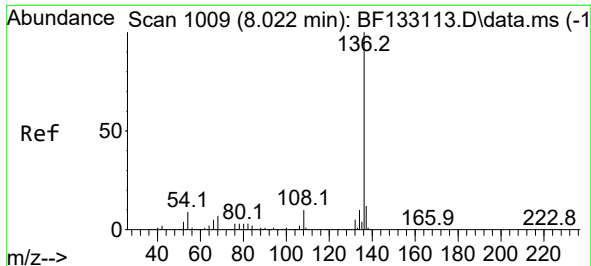
Tgt Ion: 99 Resp: 1480084
Ion Ratio Lower Upper
99 100
42 18.6 16.3 24.5
71 31.5 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.516 ng
RT: 7.281 min Scan# 883
Delta R.T. 0.135 min
Lab File: BF133345.D
Acq: 10 May 2023 22:44

Tgt Ion: 70 Resp: 117989
Ion Ratio Lower Upper
70 100
42 52.6 51.8 77.6
101 0.0 8.0 12.0#
130 2.5 16.8 25.2#

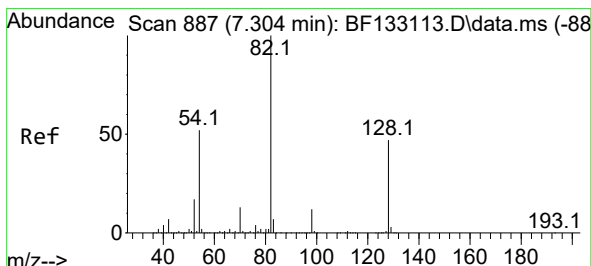
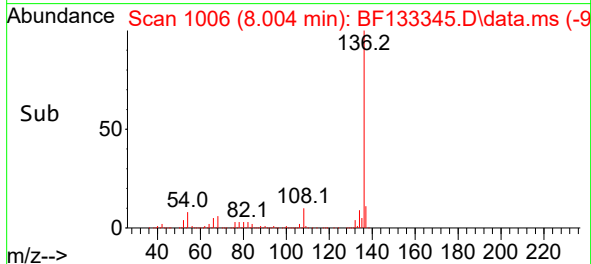
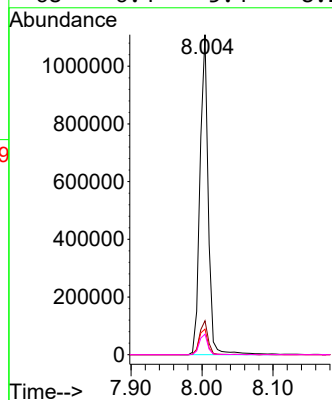
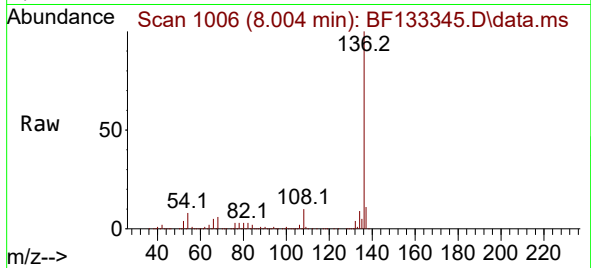




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF133345.D
Acq: 10 May 2023 22:44

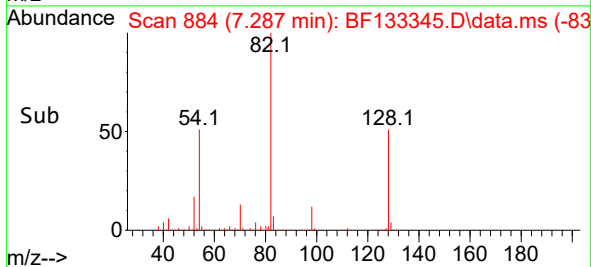
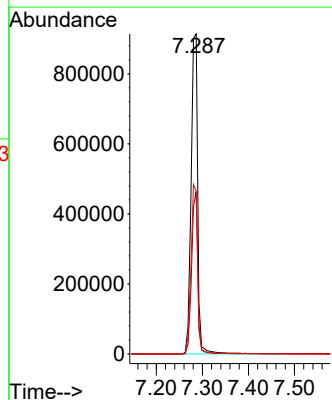
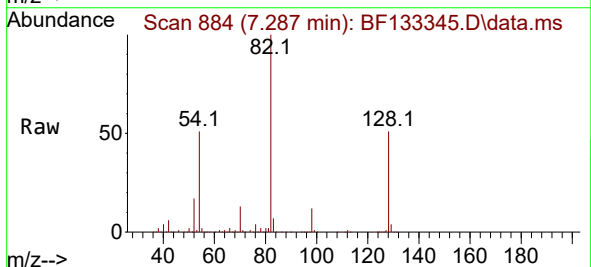
Instrument :
BNA_F
ClientSampleId :
SB-01_10-12_20230509

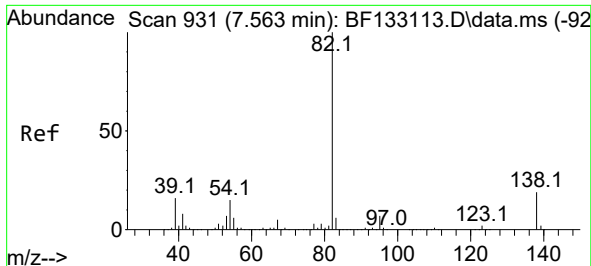
Tgt Ion:136 Resp: 899145
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 8.0 7.0 10.4
68 6.4 5.4 8.2



#23
Nitrobenzene-d5
Concen: 54.461 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF133345.D
Acq: 10 May 2023 22:44

Tgt Ion: 82 Resp: 907206
Ion Ratio Lower Upper
82 100
128 50.7 37.7 56.5
54 50.9 43.0 64.4

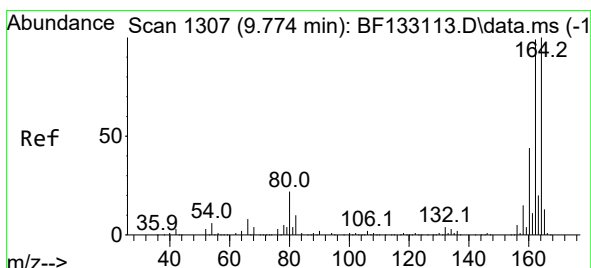
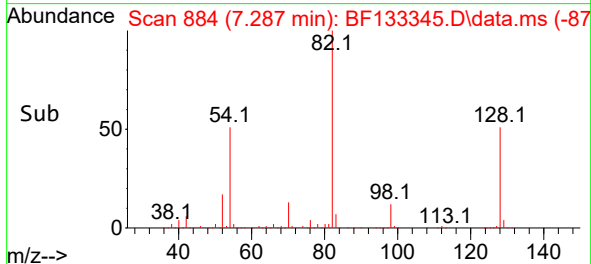
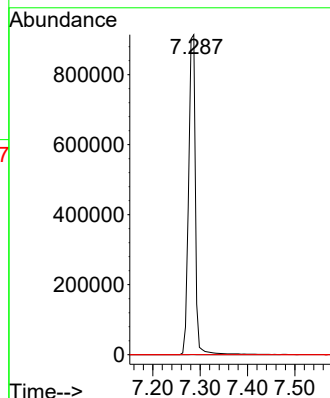
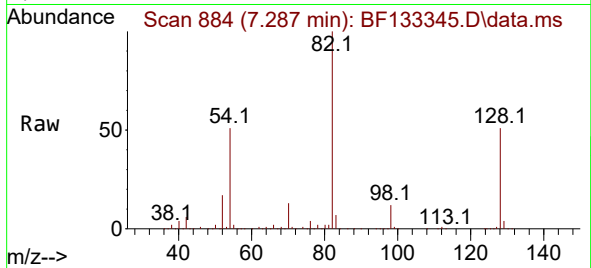




#25
Isophorone
Concen: 28.684 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133345.D
Acq: 10 May 2023 22:44

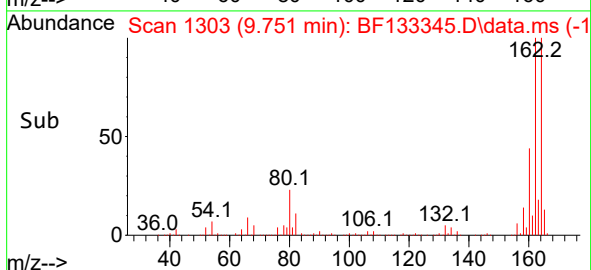
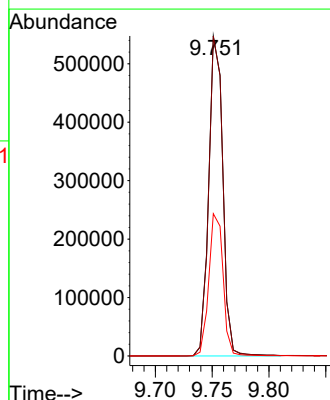
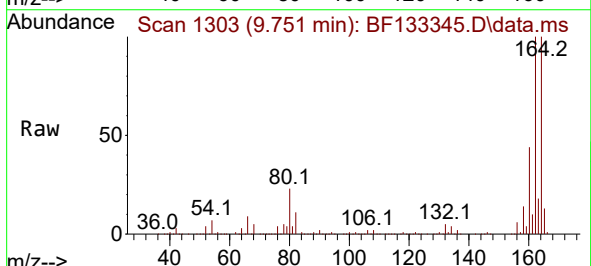
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ClientSampleId :
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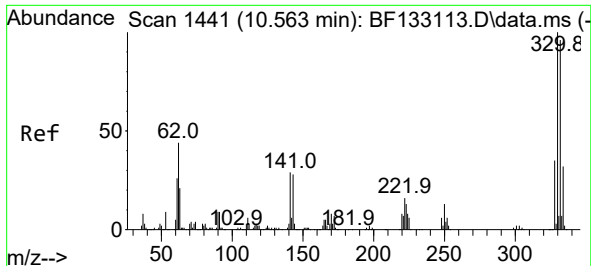
Tgt Ion: 82 Resp: 907200
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.012 min
Lab File: BF133345.D
Acq: 10 May 2023 22:44

Tgt Ion:164 Resp: 471767
Ion Ratio Lower Upper
164 100
162 99.9 78.7 118.1
160 44.4 35.8 53.6

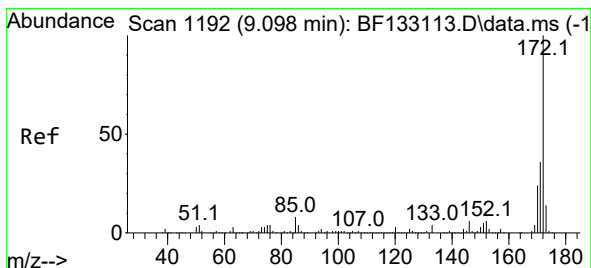
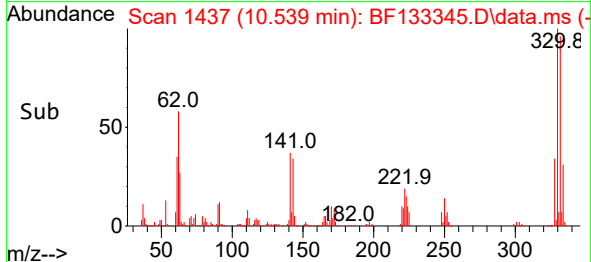
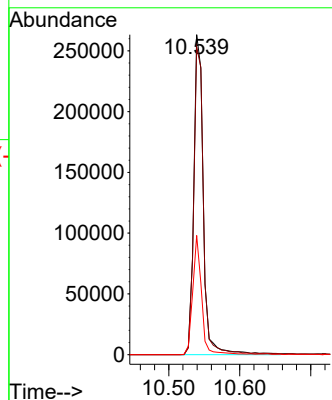
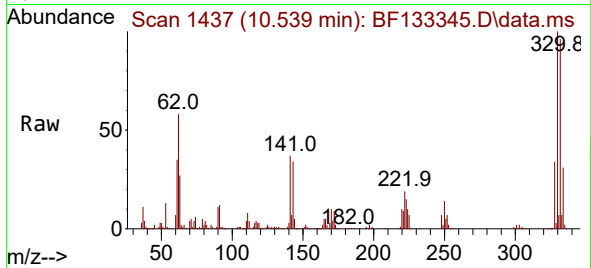




#42
2,4,6-Tribromophenol
Concen: 51.980 ng
RT: 10.539 min Scan# 1441
Delta R.T. -0.012 min
Lab File: BF133345.D
Acq: 10 May 2023 22:44

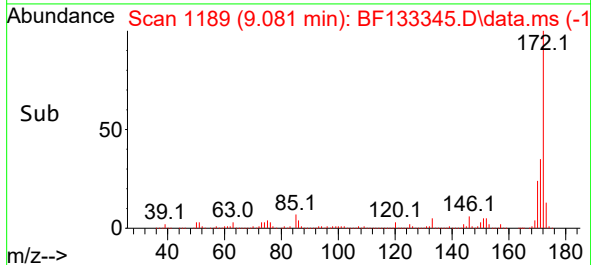
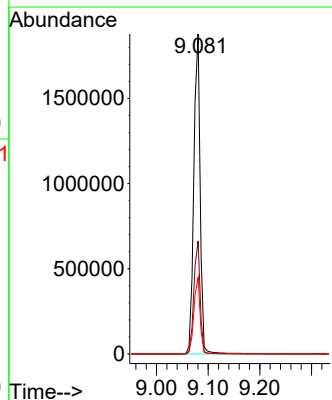
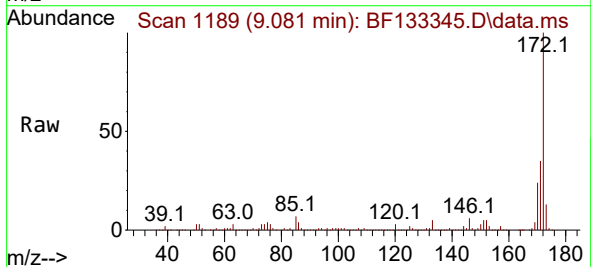
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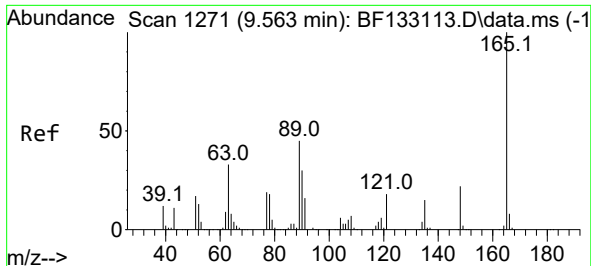
Tgt Ion:330 Resp: 246619
Ion Ratio Lower Upper
330 100
332 97.9 77.1 115.7
141 34.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 56.990 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF133345.D
Acq: 10 May 2023 22:44

Tgt Ion:172 Resp: 1607064
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.9 19.4 29.2

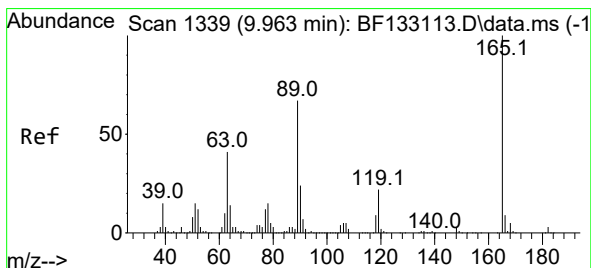
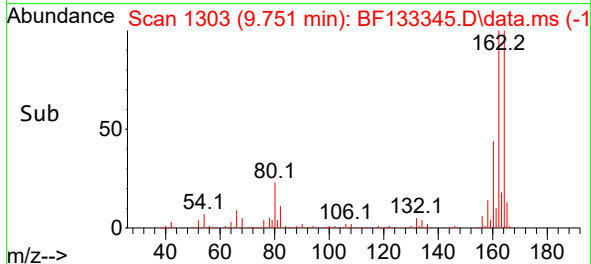
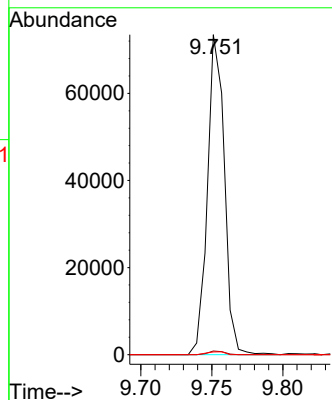
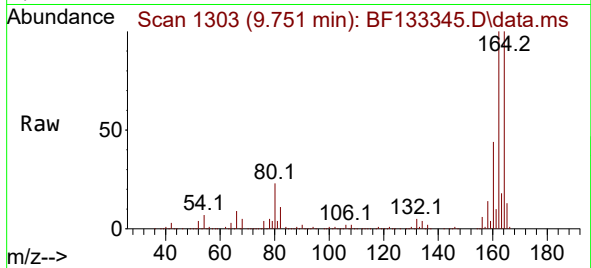




#51
2,6-Dinitrotoluene
Concen: 8.222 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF133345.D
Acq: 10 May 2023 22:44

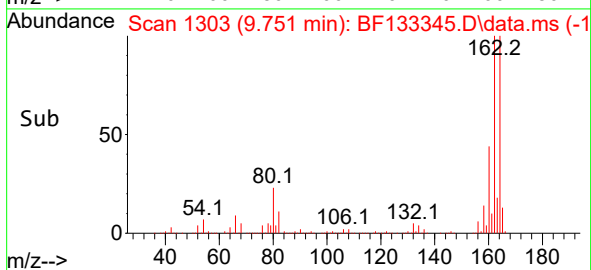
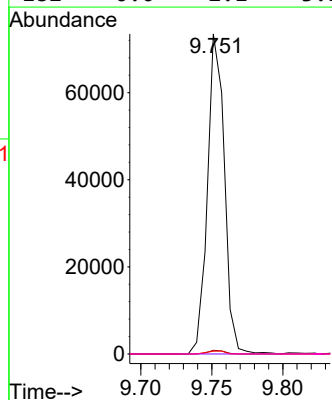
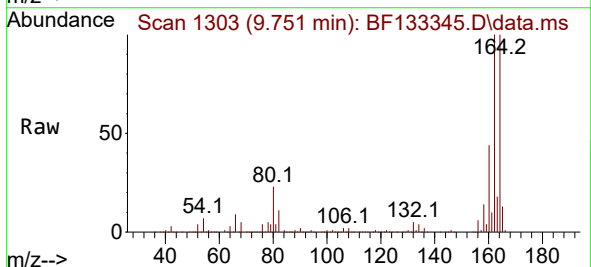
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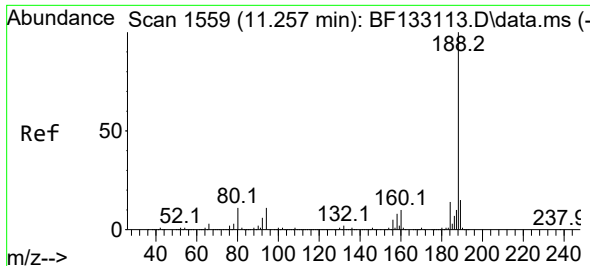
Tgt Ion:165 Resp: 60877
Ion Ratio Lower Upper
165 100
63 1.2 45.9 68.9#
89 0.9 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.447 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.206 min
Lab File: BF133345.D
Acq: 10 May 2023 22:44

Tgt Ion:165 Resp: 60877
Ion Ratio Lower Upper
165 100
63 1.2 37.7 56.5#
89 0.9 57.0 85.4#
182 0.0 2.1 3.1#

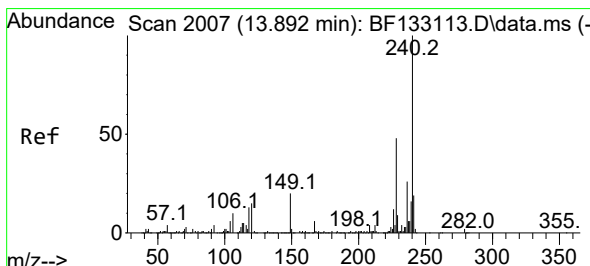
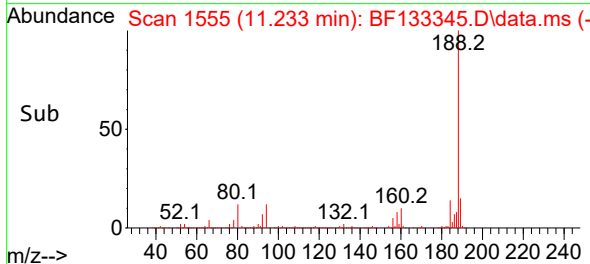
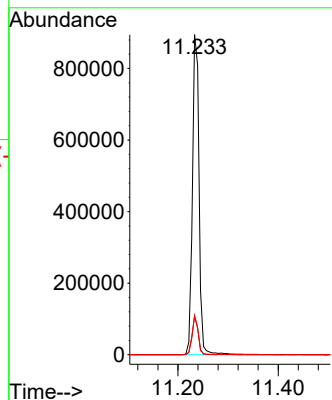
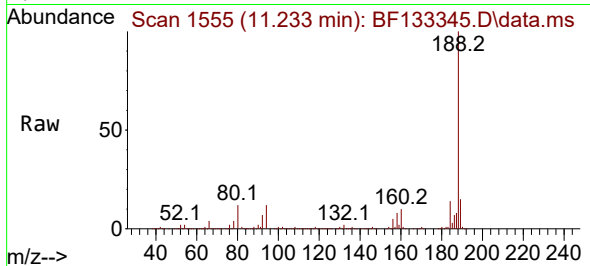




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.233 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF133345.D
Acq: 10 May 2023 22:44

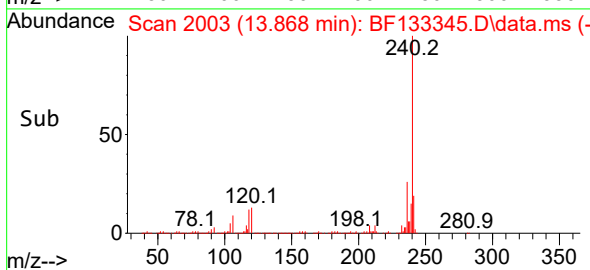
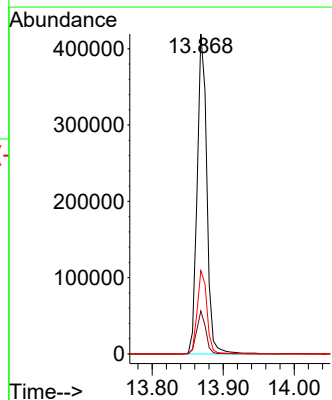
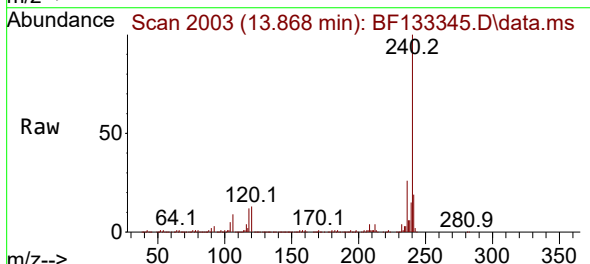
Instrument :
BNA_F
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SB-01_10-12_20230509

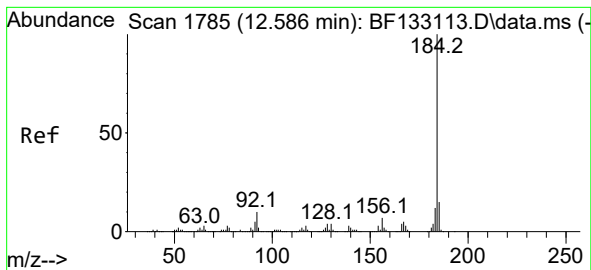
Tgt Ion:188 Resp: 820161
Ion Ratio Lower Upper
188 100
94 12.0 9.7 14.5
80 12.3 10.4 15.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.868 min Scan# 2003
Delta R.T. -0.012 min
Lab File: BF133345.D
Acq: 10 May 2023 22:44

Tgt Ion:240 Resp: 398427
Ion Ratio Lower Upper
240 100
120 13.5 10.5 15.7
236 26.1 21.5 32.3





#77

Benzidine

Concen: 2.892 ng

RT: 12.821 min Scan# 1825

Delta R.T. 0.247 min

Lab File: BF133345.D

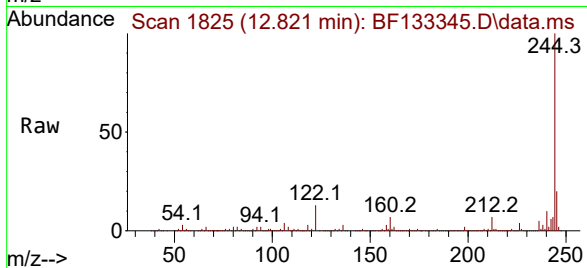
Acq: 10 May 2023 22:44

Instrument :

BNA_F

ClientSampleId :

SB-01_10-12_20230509



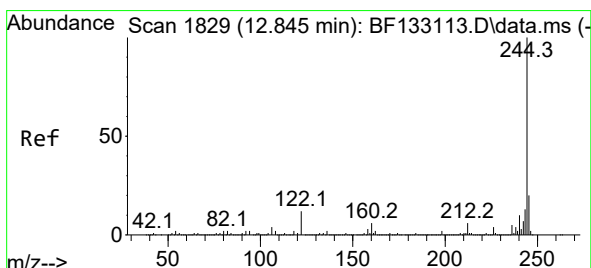
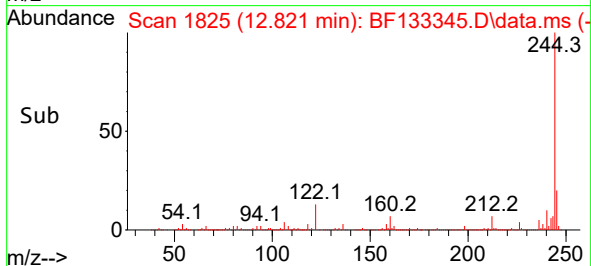
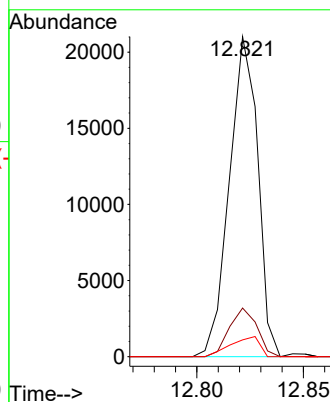
Tgt Ion:184 Resp: 19483

Ion Ratio Lower Upper

184 100

185 15.2 15.4 23.2#

183 5.2 9.4 14.0#



#79

Terphenyl-d14

Concen: 68.746 ng

RT: 12.821 min Scan# 1825

Delta R.T. -0.012 min

Lab File: BF133345.D

Acq: 10 May 2023 22:44

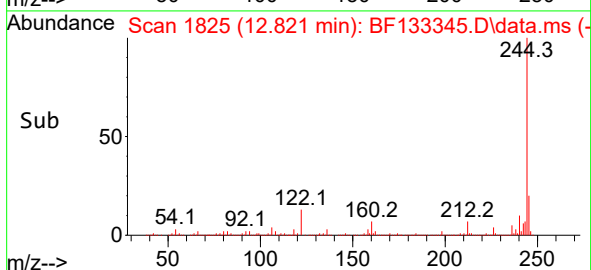
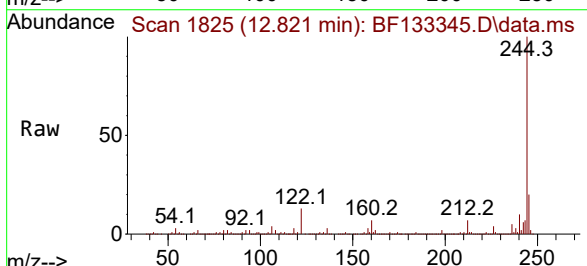
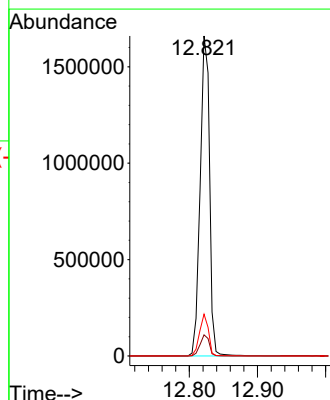
Tgt Ion:244 Resp: 1588143

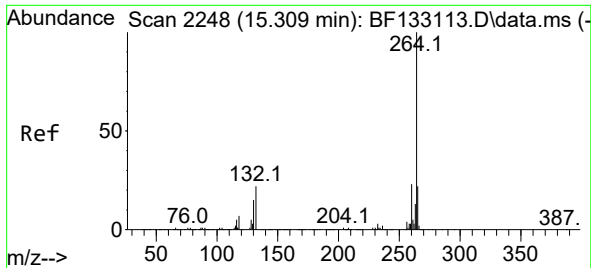
Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

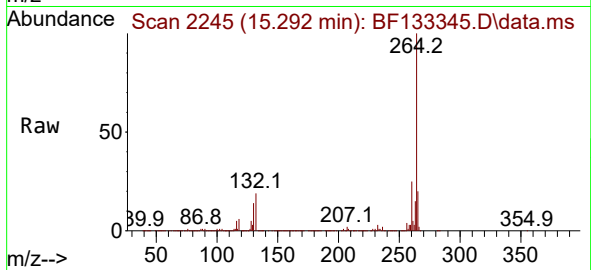
122 13.1 8.6 13.0#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF133345.D
 Acq: 10 May 2023 22:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-01_10-12_20230509



Tgt Ion:264 Resp: 438270
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.8 28.2
 265 20.2 17.0 25.4

