

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051023\
 Data File : BF133335.D
 Acq On : 10 May 2023 17:31
 Operator : CG\JU
 Sample : 02719-06
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02_0-2_20230509

Quant Time: May 10 17:59:22 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)

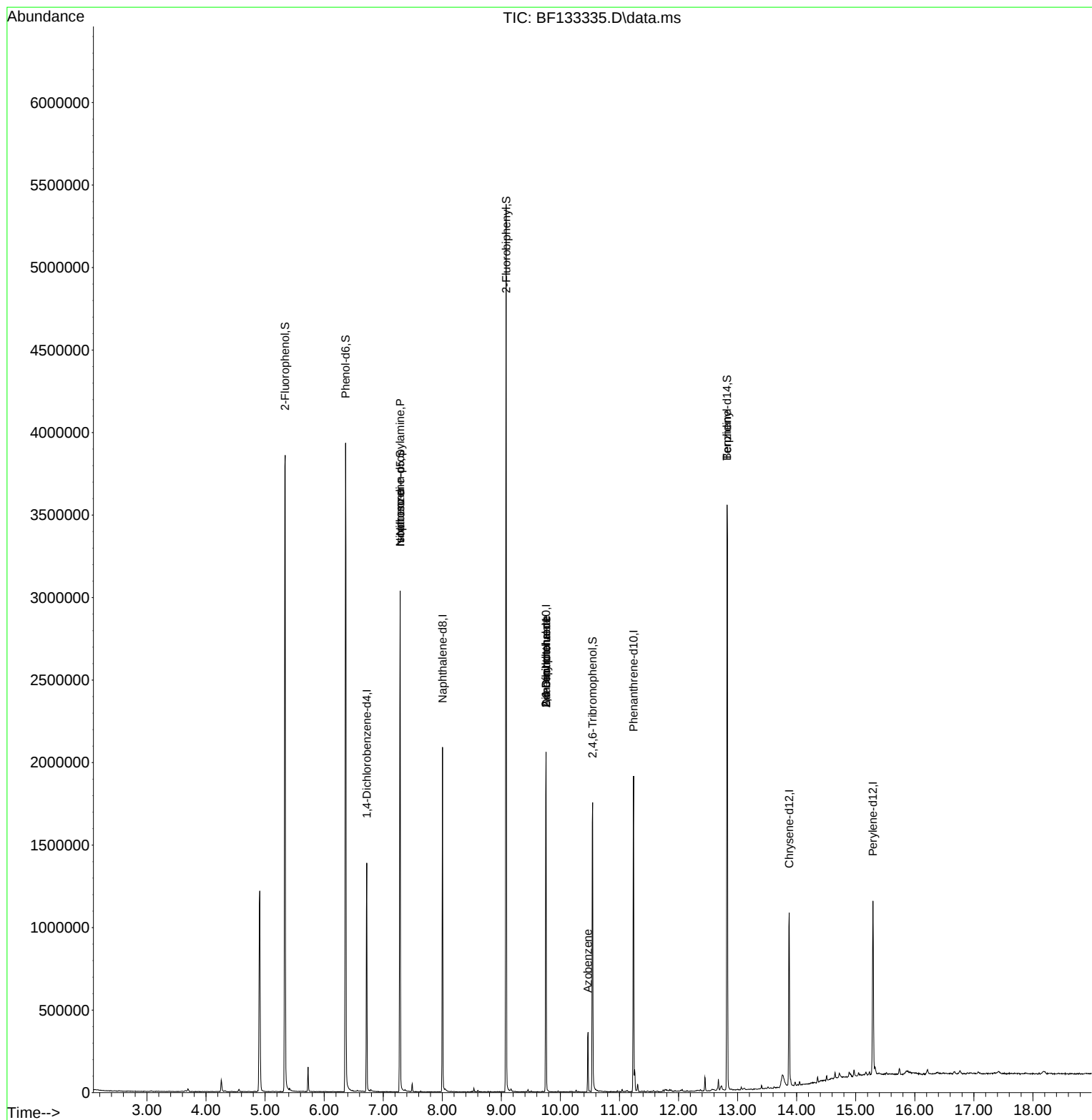
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	194041	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	800840	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	404944	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	670786	20.000	ng	# 0.00
76) Chrysene-d12	13.874	240	347741	20.000	ng	0.00
86) Perylene-d12	15.292	264	451984	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	1204084	93.738	ng	0.01
7) Phenol-d6	6.363	99	1444608	90.607	ng	0.00
23) Nitrobenzene-d5	7.287	82	882905	59.508	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	210313	51.642	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1541763	63.697	ng	0.00
79) Terphenyl-d14	12.822	244	1294645	64.210	ng	-0.01
Target Compounds						Qvalue
9) Benzaldehyde	6.269	77	131	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.287	70	113986	11.484	ng	# 78
25) Isophorone	7.287	82	882994	31.345	ng	# 63
50) Dimethylphthalate	9.757	163	83519	2.958	ng	# 1
51) 2,6-Dinitrotoluene	9.757	165	52791	8.307	ng	# 25
57) 2,4-Dinitrotoluene	9.757	165	52791	6.514	ng	# 23
63) Azobenzene	10.463	77	61491	2.176	ng	# 1
77) Benzidine	12.822	184	15942	2.711	ng	# 90

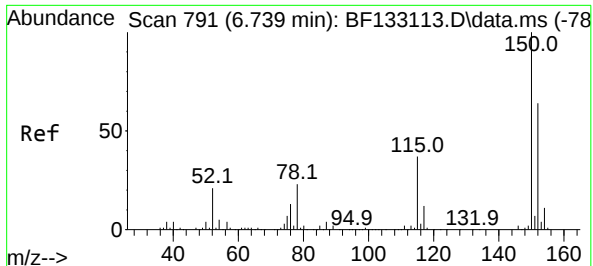
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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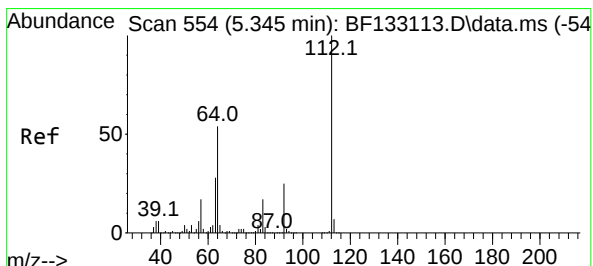
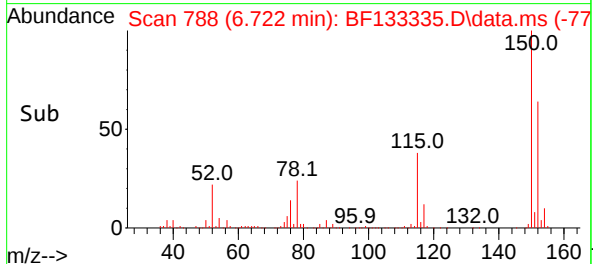
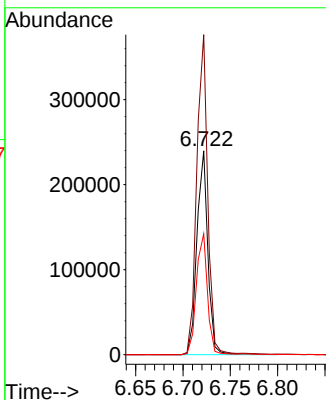
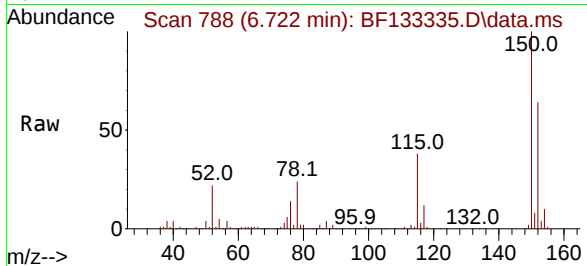




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: BF133335.D
 Acq: 10 May 2023 17:31

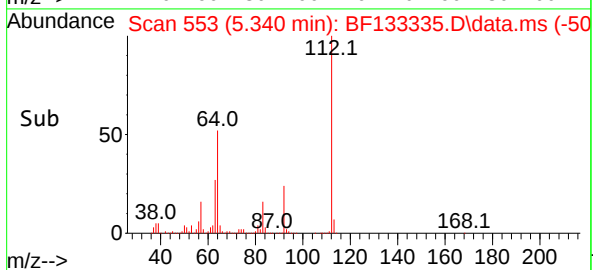
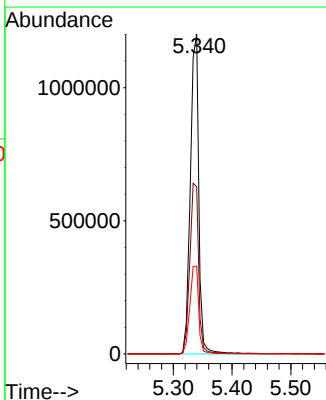
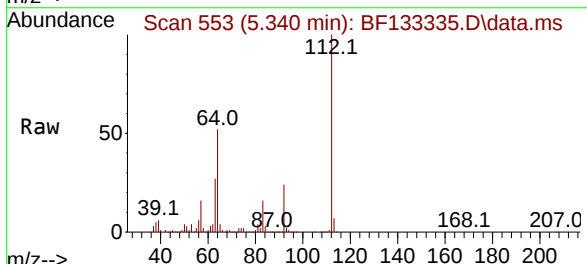
Instrument :
 BNA_F
 ClientSampleId :
 SB-02_0-2_20230509

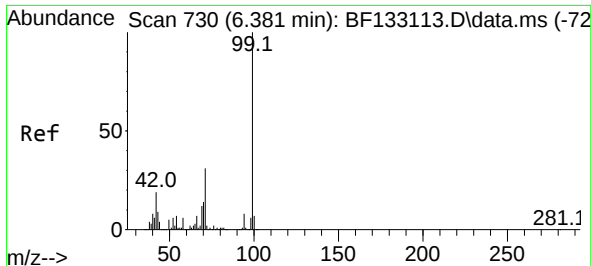
Tgt Ion:152 Resp: 194041
 Ion Ratio Lower Upper
 152 100
 150 157.0 124.8 187.2
 115 59.3 49.9 74.9



#5
 2-Fluorophenol
 Concen: 93.738 ng
 RT: 5.340 min Scan# 553
 Delta R.T. 0.012 min
 Lab File: BF133335.D
 Acq: 10 May 2023 17:31

Tgt Ion:112 Resp: 1204084
 Ion Ratio Lower Upper
 112 100
 64 52.3 46.8 70.2
 63 27.5 23.8 35.8

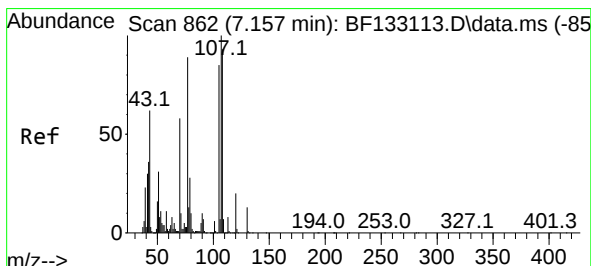
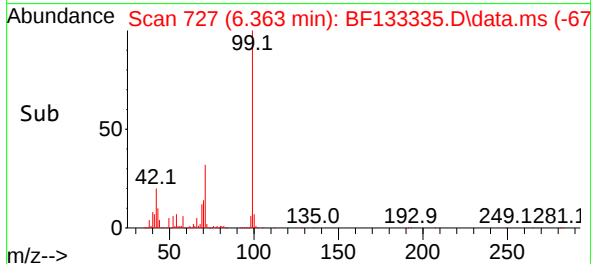
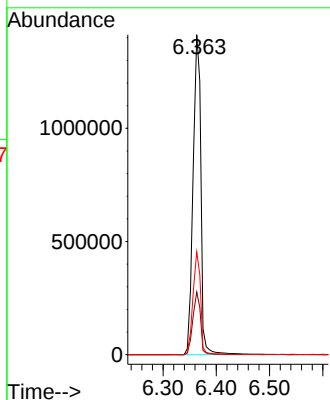
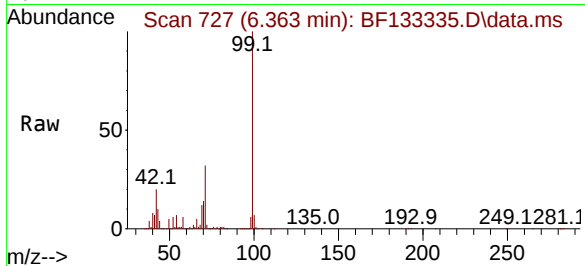




#7
Phenol-d6
Concen: 90.607 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133335.D
Acq: 10 May 2023 17:31

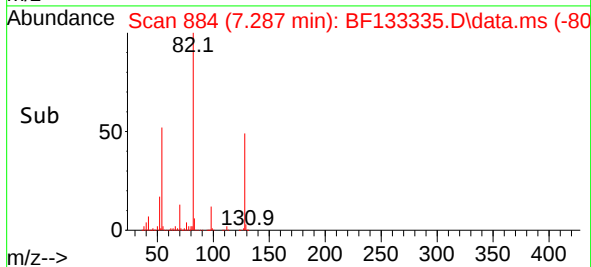
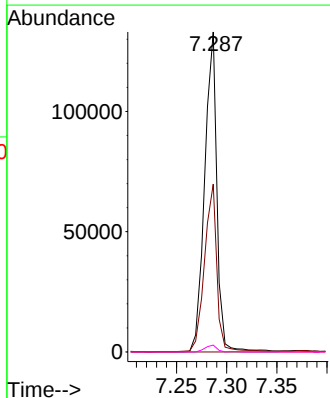
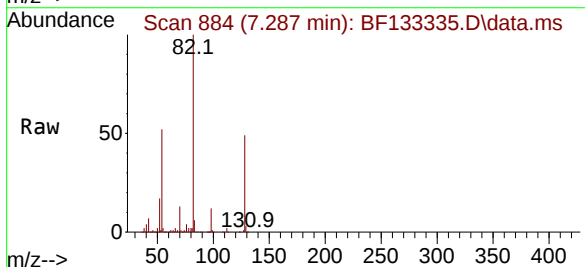
Instrument :
BNA_F
ClientSampleId :
SB-02_0-2_20230509

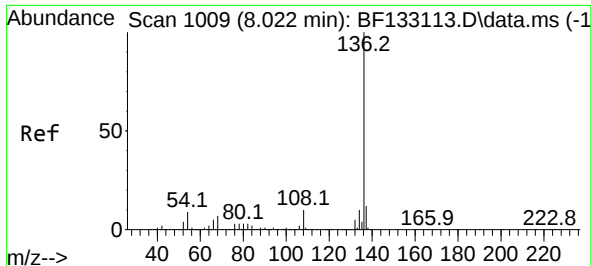
Tgt Ion: 99 Resp: 1444608
Ion Ratio Lower Upper
99 100
42 19.6 16.3 24.5
71 32.1 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.484 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF133335.D
Acq: 10 May 2023 17:31

Tgt Ion: 70 Resp: 113986
Ion Ratio Lower Upper
70 100
42 52.4 51.8 77.6
101 0.0 8.0 12.0#
130 2.1 16.8 25.2#

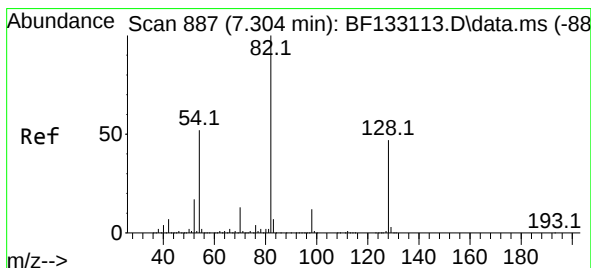
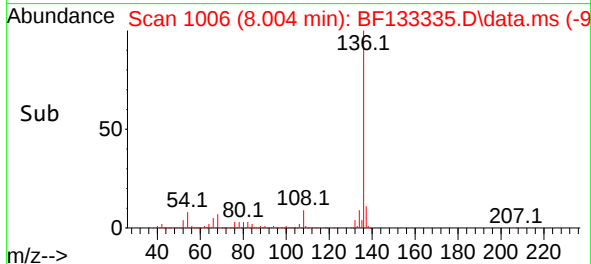
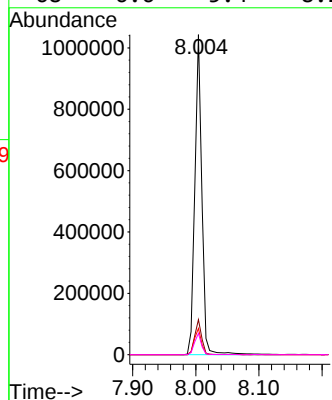
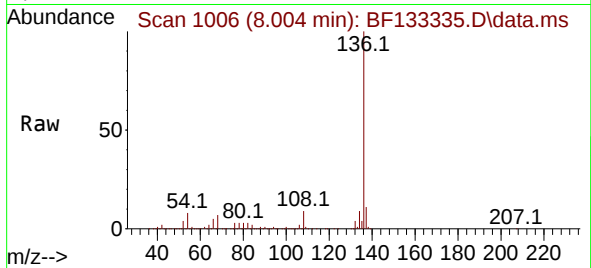




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133335.D
Acq: 10 May 2023 17:31

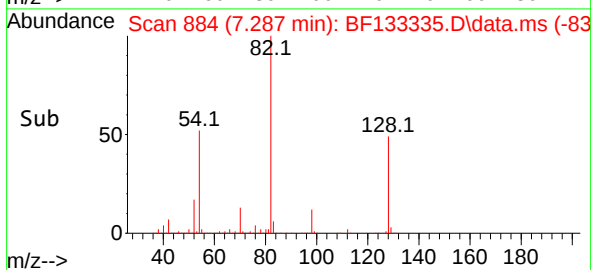
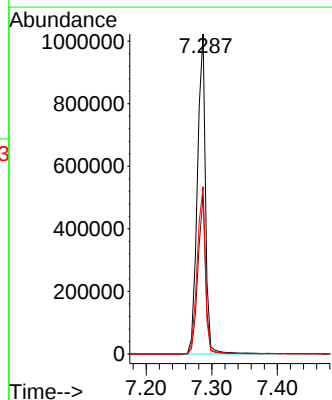
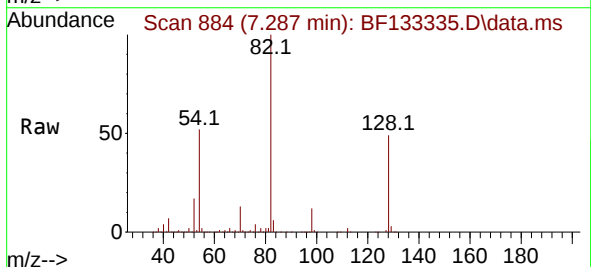
Instrument :
BNA_F
ClientSampleId :
SB-02_0-2_20230509

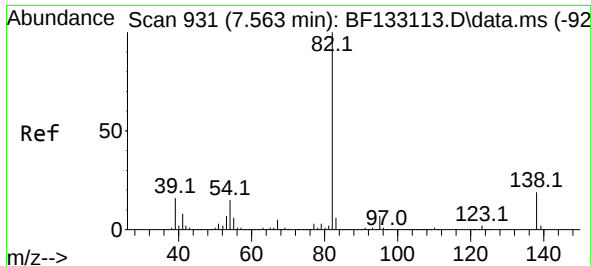
Tgt Ion:136 Resp: 800840
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.2 7.0 10.4
68 6.6 5.4 8.2



#23
Nitrobenzene-d5
Concen: 59.508 ng
RT: 7.287 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF133335.D
Acq: 10 May 2023 17:31

Tgt Ion: 82 Resp: 882905
Ion Ratio Lower Upper
82 100
128 49.5 37.7 56.5
54 52.3 43.0 64.4

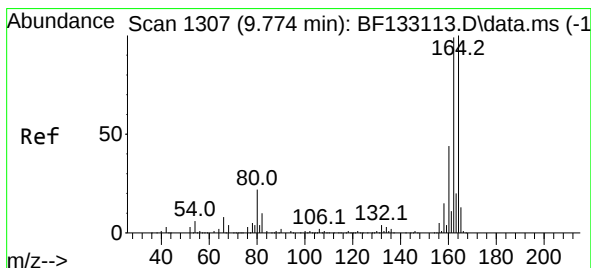
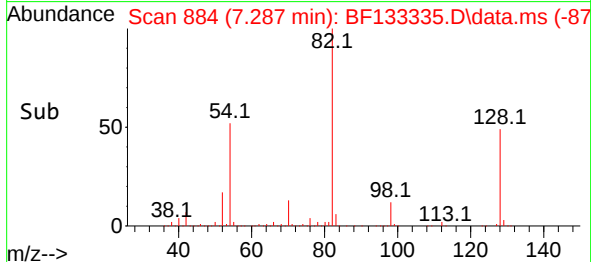
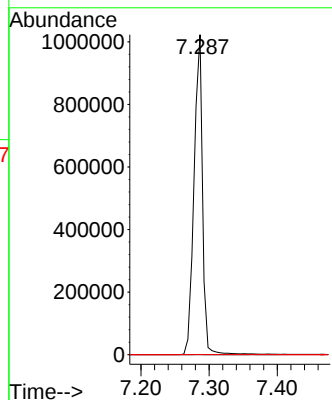
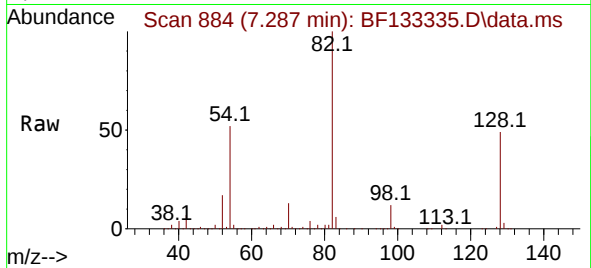




#25
Isophorone
Concen: 31.345 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF133335.D
Acq: 10 May 2023 17:31

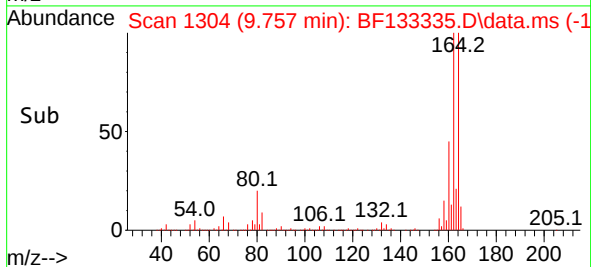
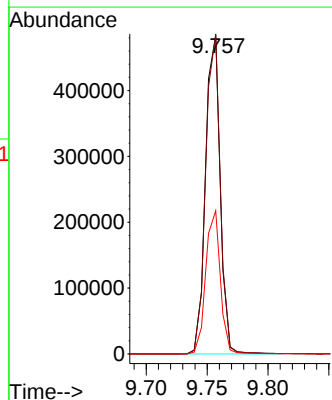
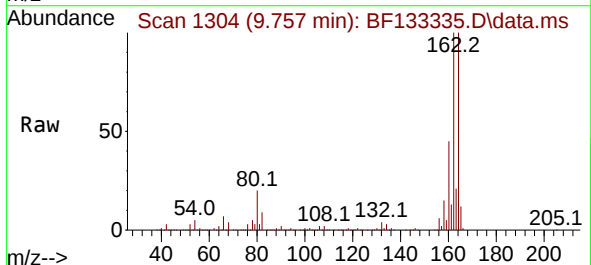
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ClientSampleId :
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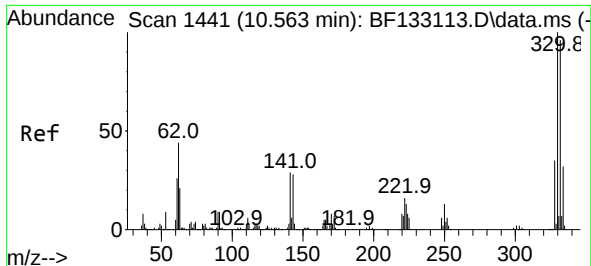
Tgt Ion: 82 Resp: 882994
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133335.D
Acq: 10 May 2023 17:31

Tgt Ion:164 Resp: 404944
Ion Ratio Lower Upper
164 100
162 100.4 78.7 118.1
160 44.9 35.8 53.6

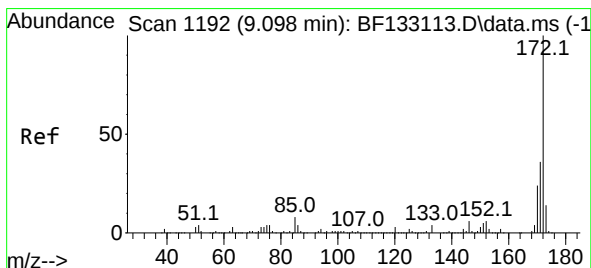
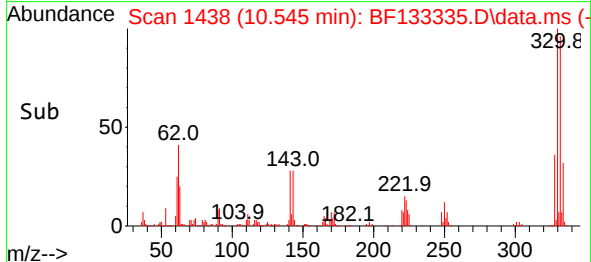
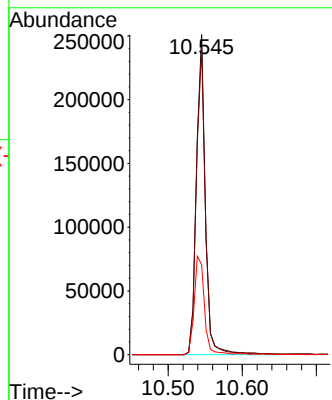
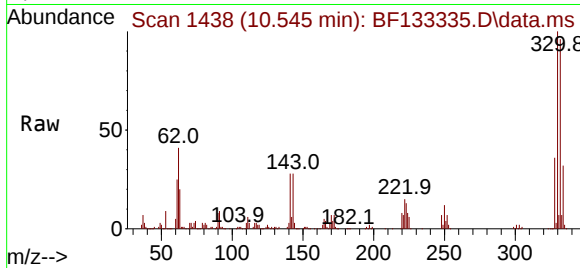




#42
2,4,6-Tribromophenol
Concen: 51.642 ng
RT: 10.545 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133335.D
Acq: 10 May 2023 17:31

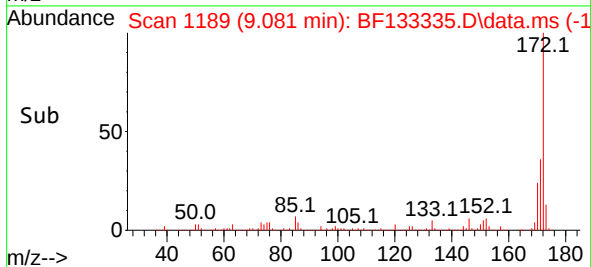
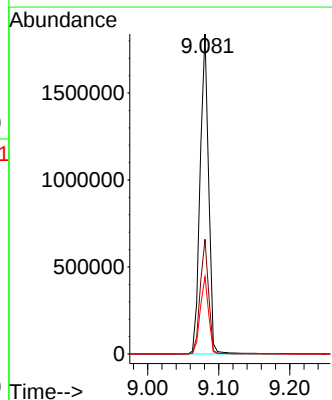
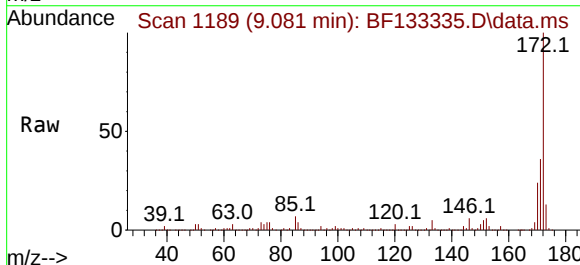
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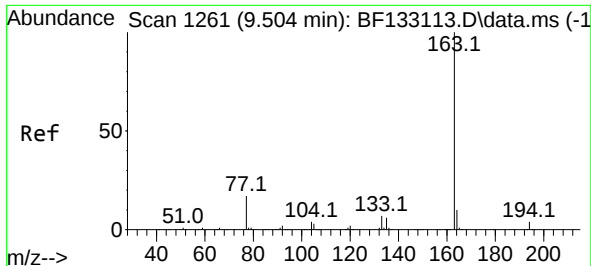
Tgt Ion:330 Resp: 210313
Ion Ratio Lower Upper
330 100
332 97.5 77.1 115.7
141 35.4 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 63.697 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF133335.D
Acq: 10 May 2023 17:31

Tgt Ion:172 Resp: 1541763
Ion Ratio Lower Upper
172 100
171 35.8 28.8 43.2
170 24.2 19.4 29.2

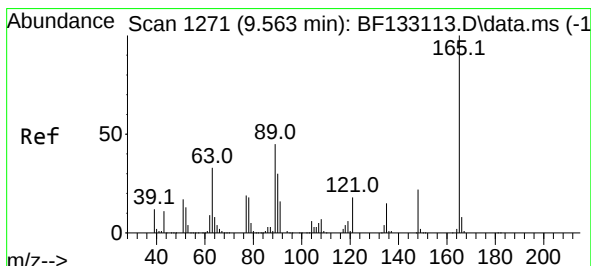
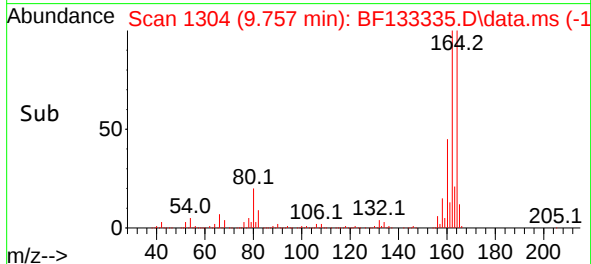
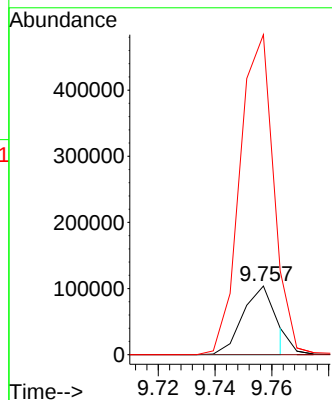
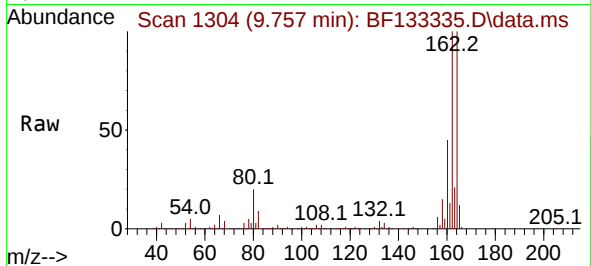




#50
Dimethylphthalate
Concen: 2.958 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.265 min
Lab File: BF133335.D
Acq: 10 May 2023 17:31

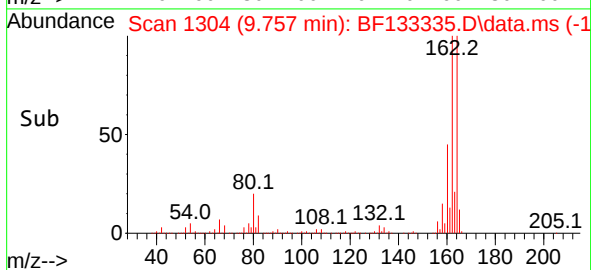
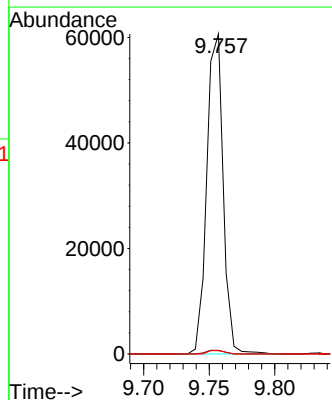
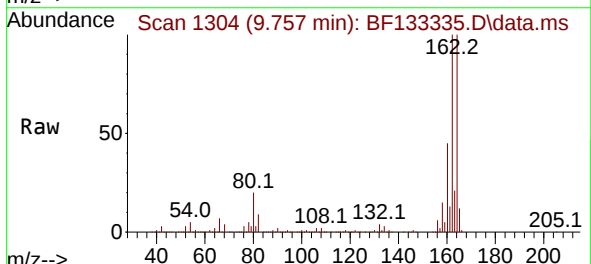
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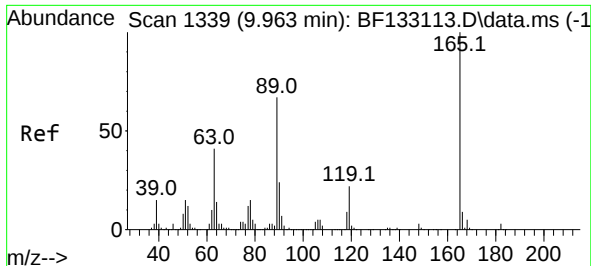
Tgt Ion:163 Resp: 83519
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 465.9 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.307 ng
RT: 9.757 min Scan# 1304
Delta R.T. 0.206 min
Lab File: BF133335.D
Acq: 10 May 2023 17:31

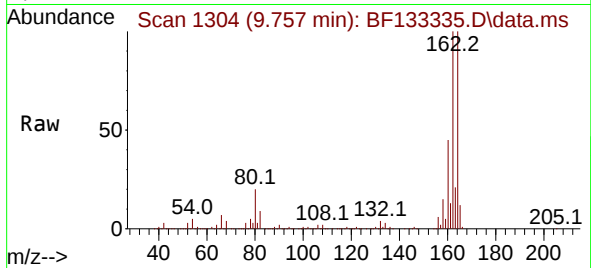
Tgt Ion:165 Resp: 52791
Ion Ratio Lower Upper
165 100
63 1.1 45.9 68.9#
89 1.0 44.0 66.0#



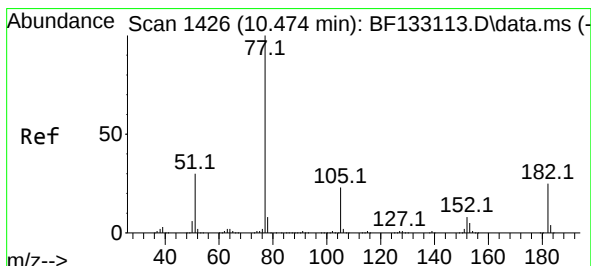
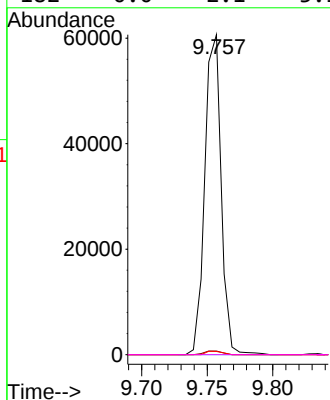
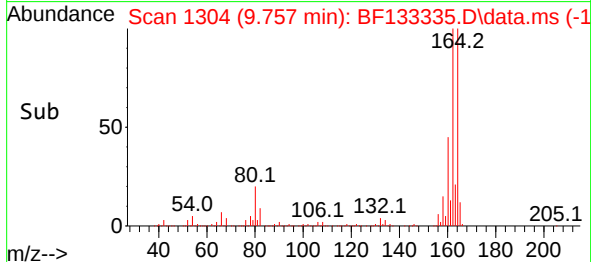


#57
2,4-Dinitrotoluene
Concen: 6.514 ng
RT: 9.757 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133335.D
Acq: 10 May 2023 17:31

Instrument :
BNA_F
ClientSampleId :
SB-02_0-2_20230509

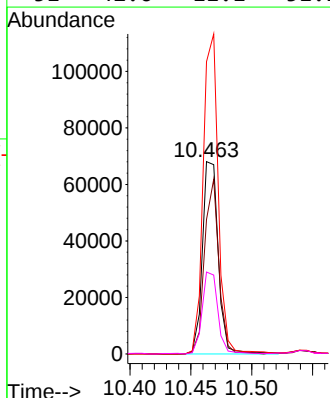
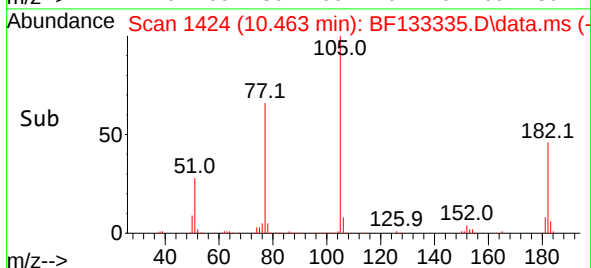
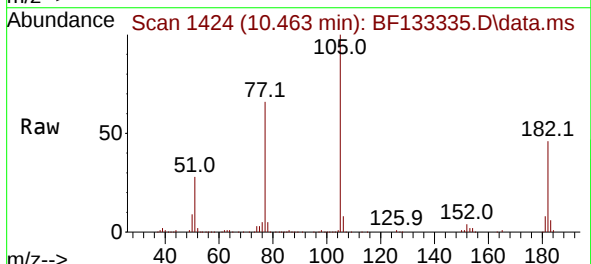


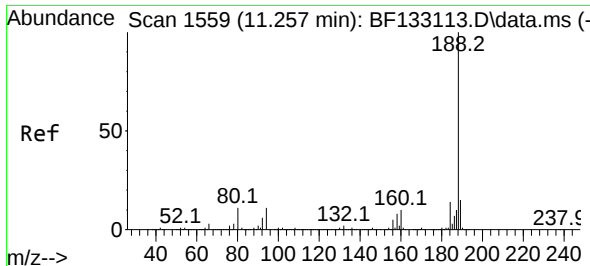
Tgt Ion:165 Resp: 52791
Ion Ratio Lower Upper
165 100
63 1.1 37.7 56.5#
89 1.0 57.0 85.4#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 2.176 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF133335.D
Acq: 10 May 2023 17:31

Tgt Ion: 77 Resp: 61491
Ion Ratio Lower Upper
77 100
182 70.0 5.9 45.9#
105 152.1 2.3 42.3#
51 42.6 11.1 51.1

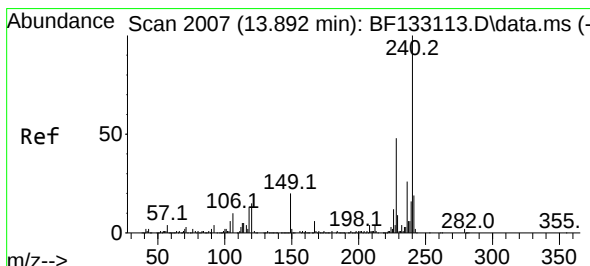
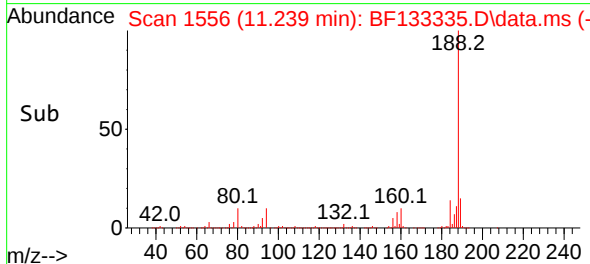
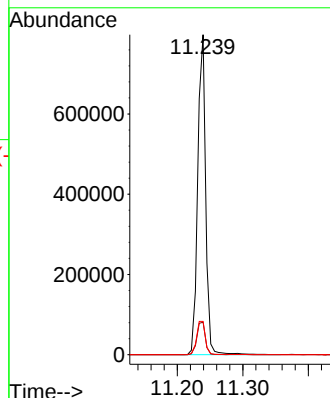
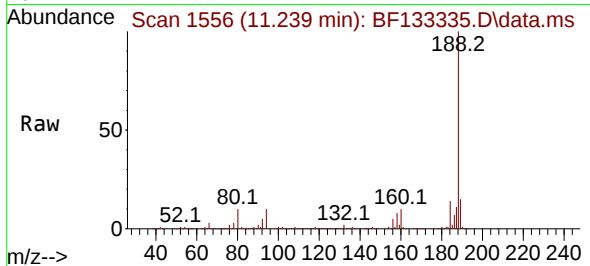




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133335.D
Acq: 10 May 2023 17:31

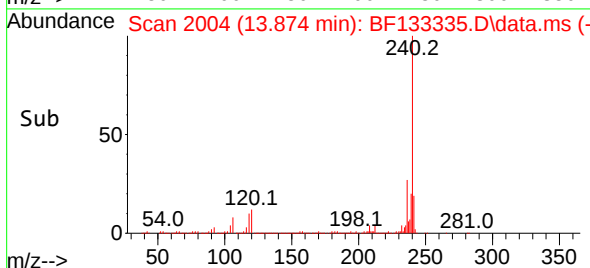
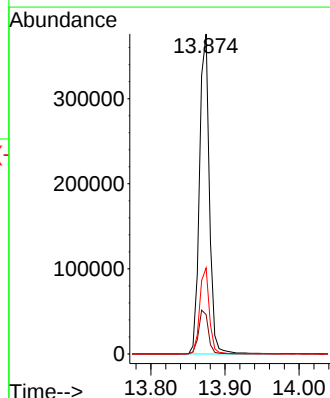
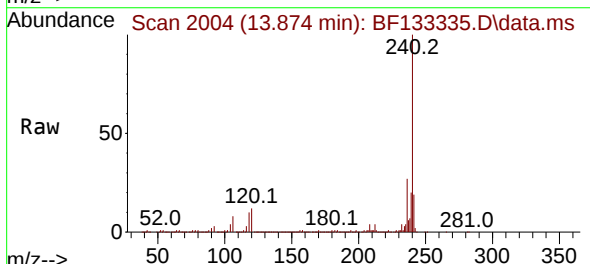
Instrument :
BNA_F
ClientSampleId :
SB-02_0-2_20230509

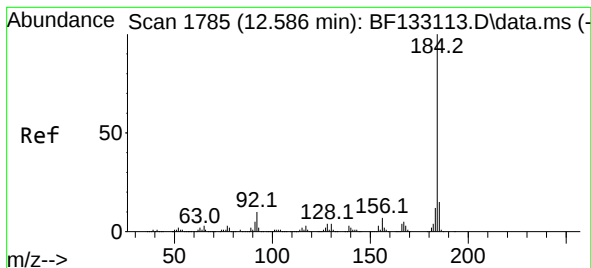
Tgt Ion:188 Resp: 670786
Ion Ratio Lower Upper
188 100
94 10.2 9.7 14.5
80 10.4 10.4 15.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF133335.D
Acq: 10 May 2023 17:31

Tgt Ion:240 Resp: 347741
Ion Ratio Lower Upper
240 100
120 12.3 10.5 15.7
236 26.9 21.5 32.3





#77

Benzidine

Concen: 2.711 ng

RT: 12.822 min Scan# 1825

Delta R.T. 0.247 min

Lab File: BF133335.D

Acq: 10 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

SB-02_0-2_20230509

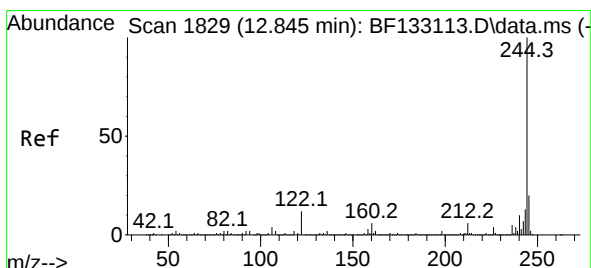
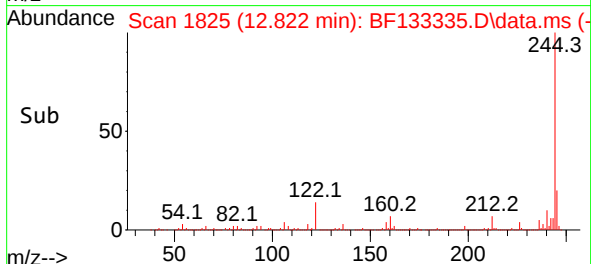
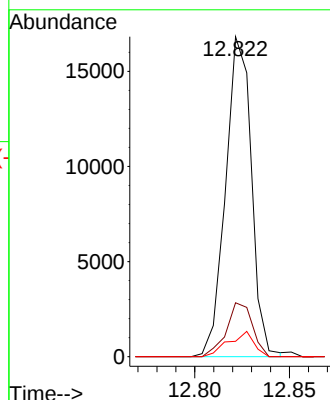
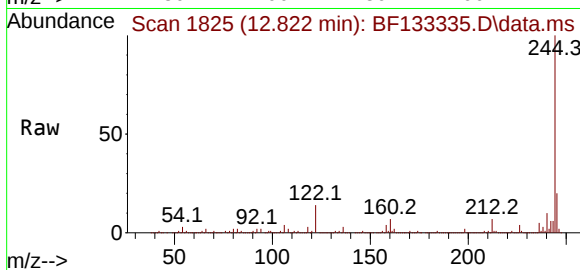
Tgt Ion:184 Resp: 15942

Ion Ratio Lower Upper

184 100

185 16.9 15.4 23.2

183 4.8 9.4 14.0#



#79

Terphenyl-d14

Concen: 64.210 ng

RT: 12.822 min Scan# 1825

Delta R.T. -0.012 min

Lab File: BF133335.D

Acq: 10 May 2023 17:31

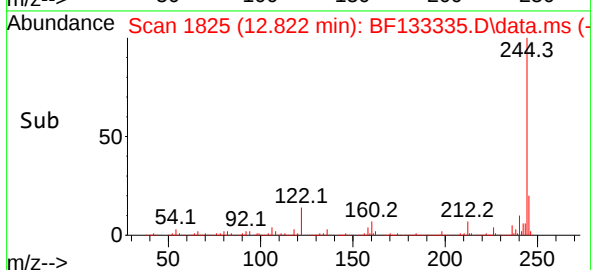
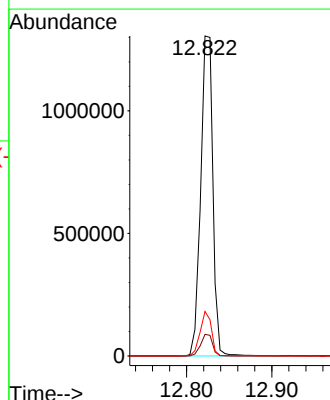
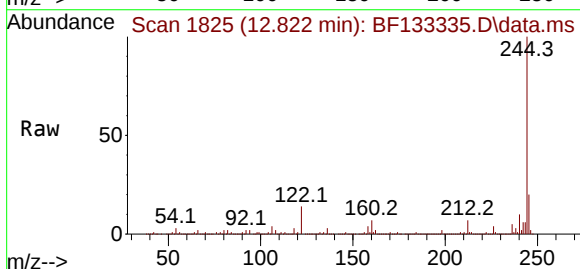
Tgt Ion:244 Resp: 1294645

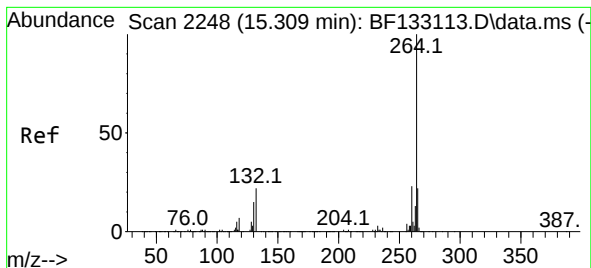
Ion Ratio Lower Upper

244 100

212 6.8 5.1 7.7

122 13.9 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: BF133335.D

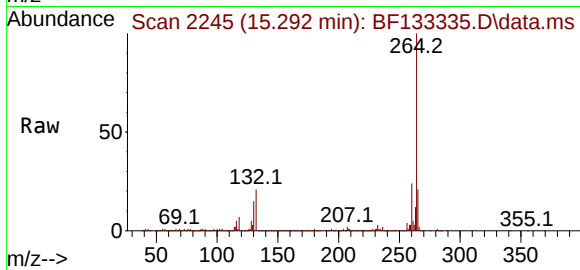
Acq: 10 May 2023 17:31

Instrument :

BNA_F

ClientSampleId :

SB-02_0-2_20230509



Tgt Ion:264 Resp: 451984

Ion Ratio Lower Upper

264 100

260 24.0 18.8 28.2

265 21.3 17.0 25.4

