

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
 Data File : BF133185.D
 Acq On : 02 May 2023 13:13
 Operator : CG\JU
 Sample : 02567-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-21-SB01

Quant Time: May 03 06:18:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 04:52:44 2023
 Response via : Initial Calibration

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

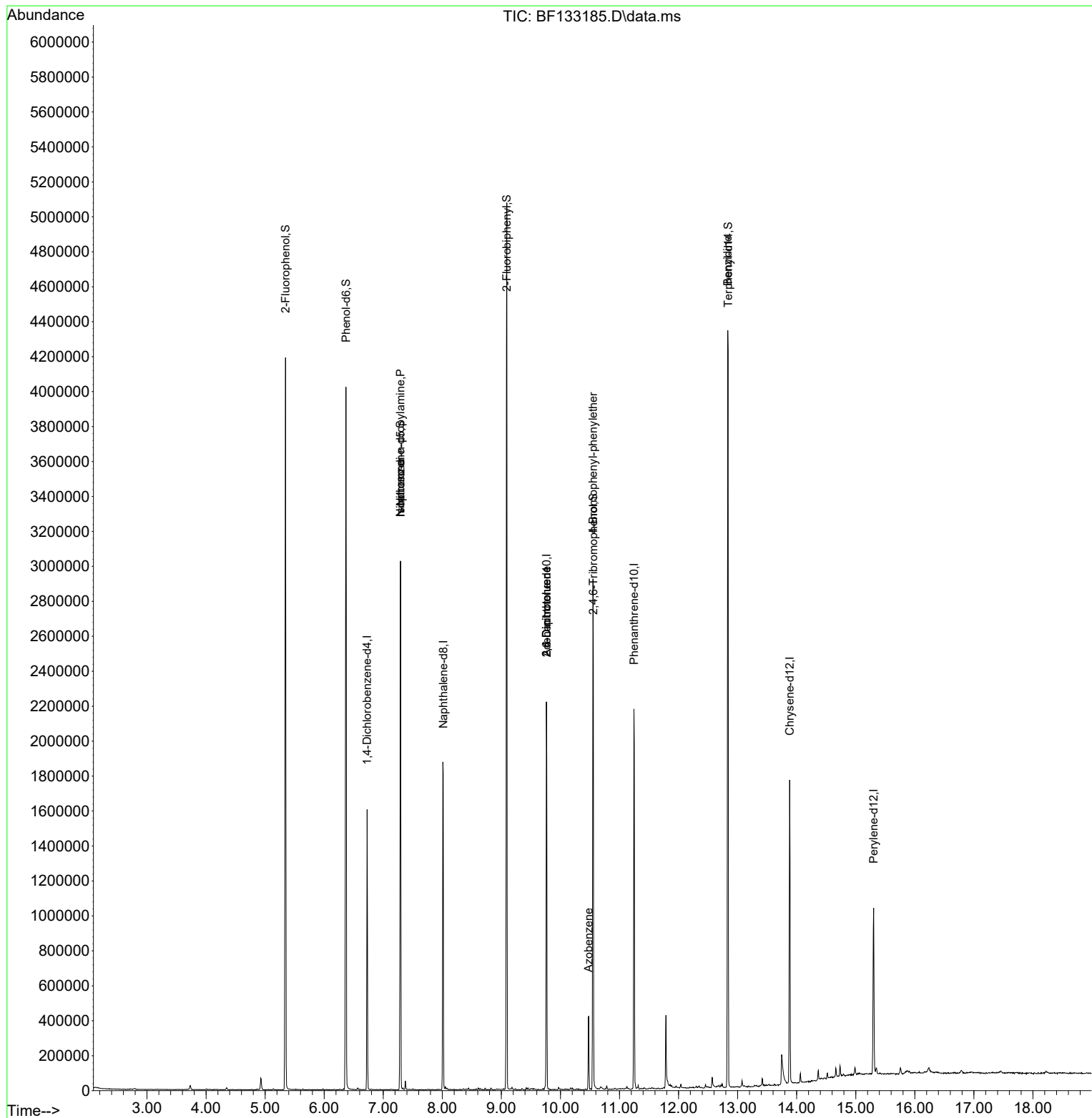
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	205967	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	827898	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	443045	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	792205	20.000	ng	0.00
76) Chrysene-d12	13.880	240	528167	20.000	ng	-0.01
86) Perylene-d12	15.304	264	392469	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1167461	85.624	ng	0.00
7) Phenol-d6	6.369	99	1452156	85.807	ng	0.00
23) Nitrobenzene-d5	7.292	82	868489	56.623	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	359264	80.631	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1490407	56.280	ng	0.00
79) Terphenyl-d14	12.839	244	1626428	53.109	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.281	77	336	Below Cal	#	79
19) n-Nitroso-di-n-propyla...	7.292	70	116707	11.077	ng	# 78
25) Isophorone	7.292	82	864298	29.679	ng	# 63
51) 2,6-Dinitrotoluene	9.763	165	57047	8.205	ng	# 25
57) 2,4-Dinitrotoluene	9.763	165	57047	6.433	ng	# 23
63) Azobenzene	10.475	77	75138	2.431	ng	# 1
67) 4-Bromophenyl-phenylether	10.551	248	23358	2.719	ng	# 1
77) Benzidine	12.833	184	19290	2.160	ng	# 87

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
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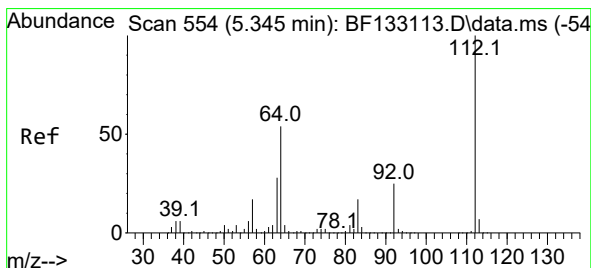
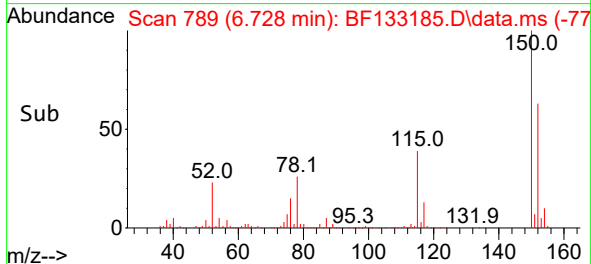
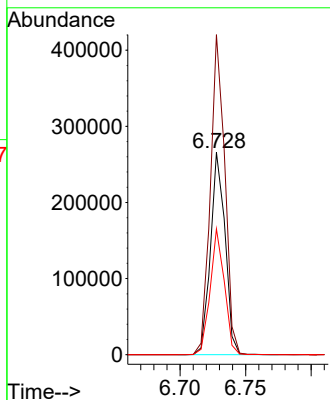
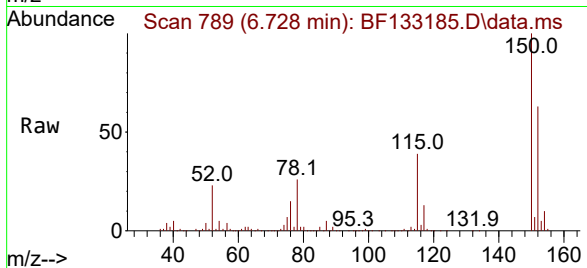




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF133185.D
 Acq: 02 May 2023 13:13

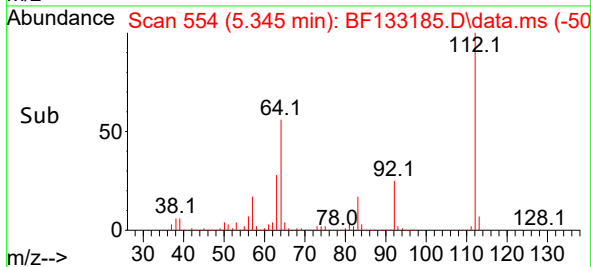
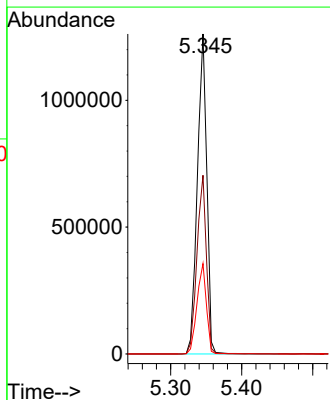
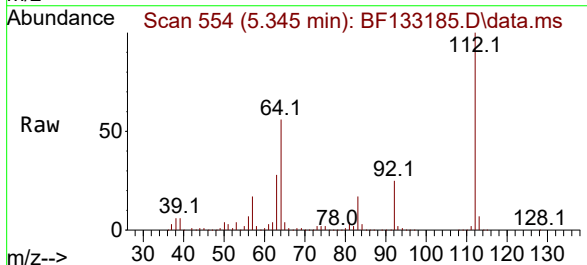
Instrument :
 BNA_F
 ClientSampleId :
 B-21-SB01

Tgt Ion:152 Resp: 205967
 Ion Ratio Lower Upper
 152 100
 150 158.2 124.8 187.2
 115 62.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 85.624 ng
 RT: 5.345 min Scan# 554
 Delta R.T. 0.006 min
 Lab File: BF133185.D
 Acq: 02 May 2023 13:13

Tgt Ion:112 Resp: 1167461
 Ion Ratio Lower Upper
 112 100
 64 55.9 46.8 70.2
 63 28.3 23.8 35.8

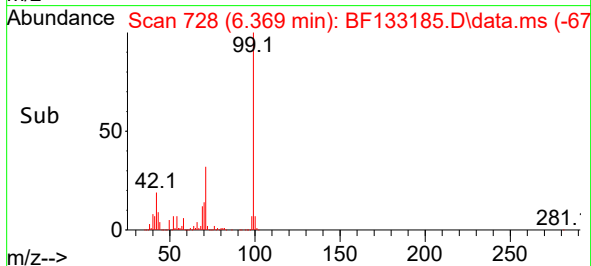
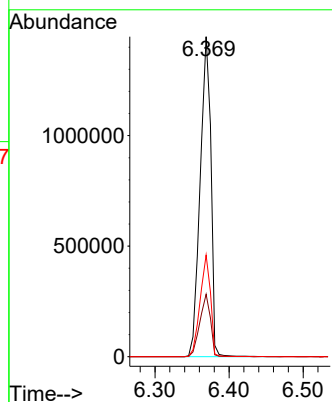
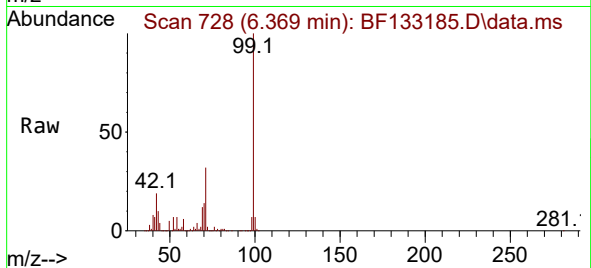




#7
Phenol-d6
Concen: 85.807 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133185.D
Acq: 02 May 2023 13:13

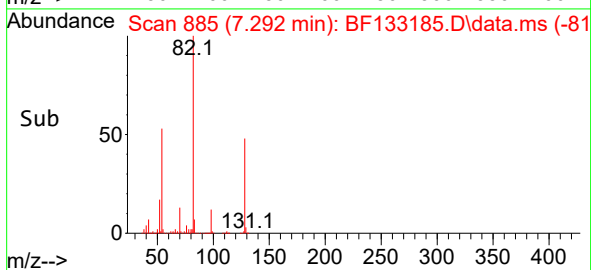
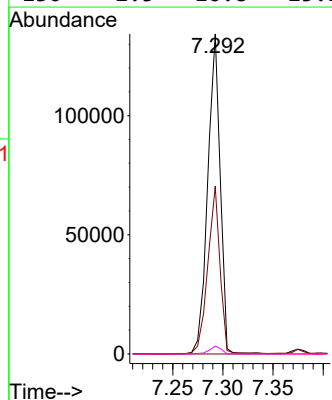
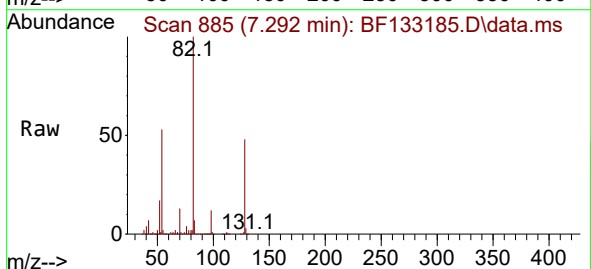
Instrument :
BNA_F
ClientSampleId :
B-21-SB01

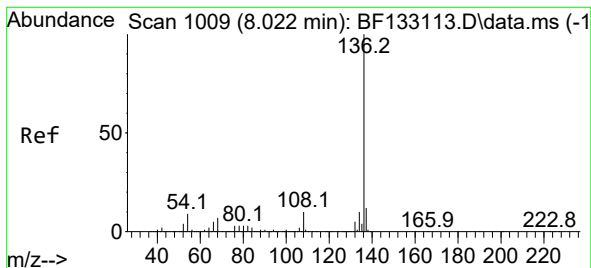
Tgt Ion: 99 Resp: 1452156
Ion Ratio Lower Upper
99 100
42 19.5 16.3 24.5
71 31.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 11.077 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.141 min
Lab File: BF133185.D
Acq: 02 May 2023 13:13

Tgt Ion: 70 Resp: 116707
Ion Ratio Lower Upper
70 100
42 52.5 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: 8.016 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF133185.D

Acq: 02 May 2023 13:13

Instrument :

BNA_F

ClientSampleId :

B-21-SB01

Tgt Ion:136 Resp: 827898

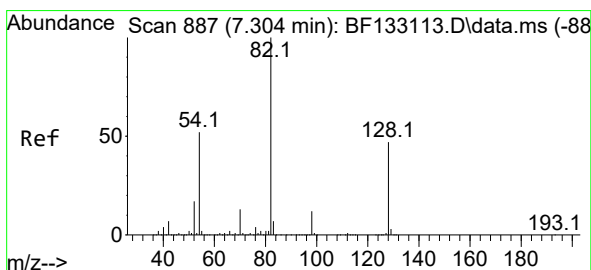
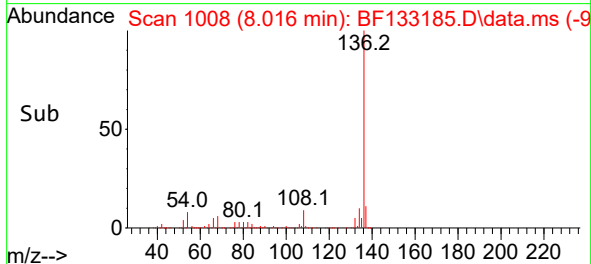
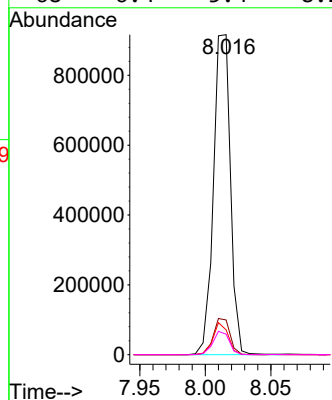
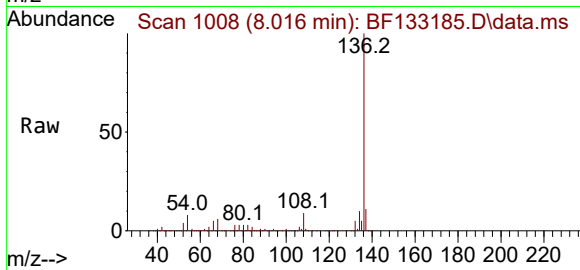
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 7.8 7.0 10.4

68 6.4 5.4 8.2



#23

Nitrobenzene-d5

Concen: 56.623 ng

RT: 7.292 min Scan# 885

Delta R.T. -0.006 min

Lab File: BF133185.D

Acq: 02 May 2023 13:13

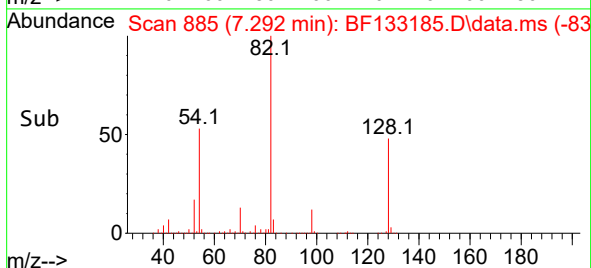
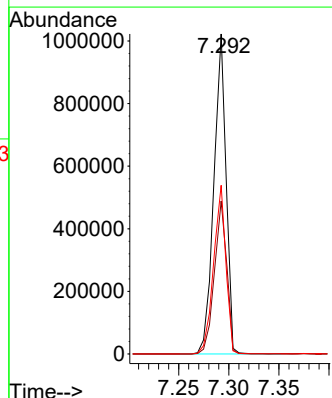
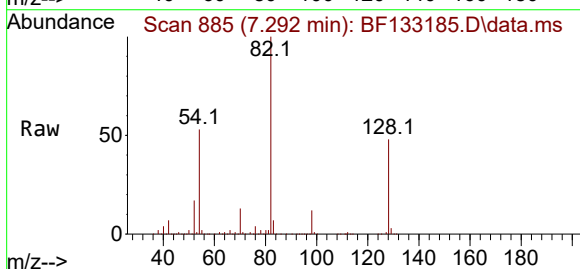
Tgt Ion: 82 Resp: 868489

Ion Ratio Lower Upper

82 100

128 47.8 37.7 56.5

54 52.7 43.0 64.4

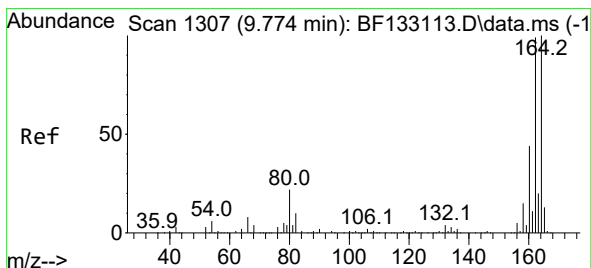
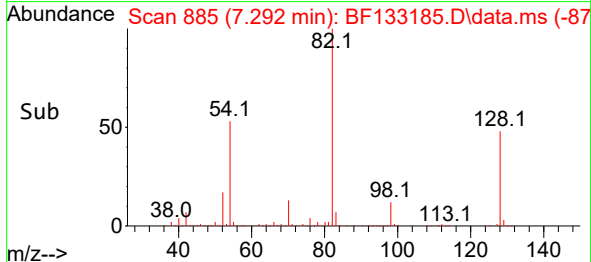
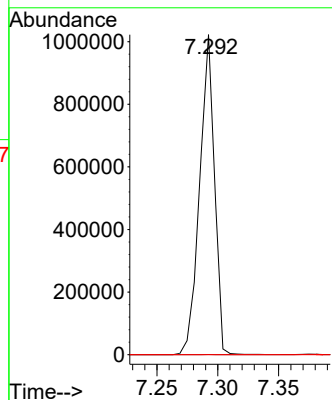
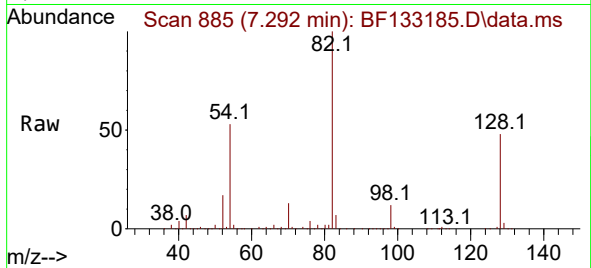




#25
Isophorone
Concen: 29.679 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133185.D
Acq: 02 May 2023 13:13

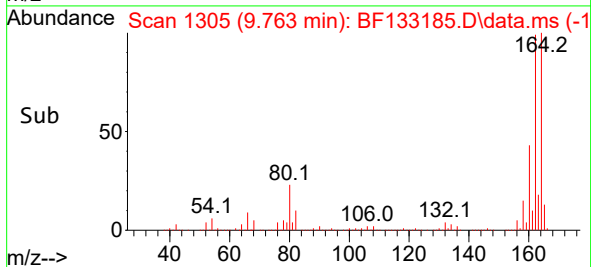
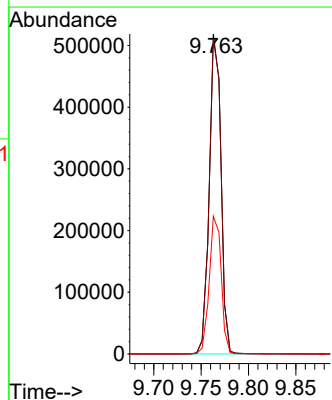
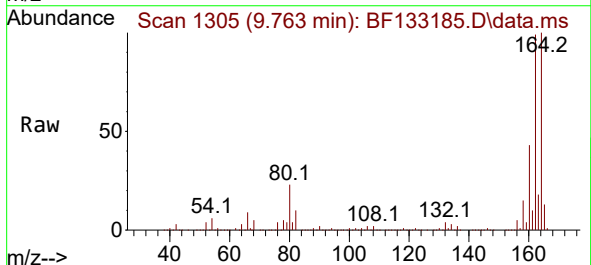
Instrument :
BNA_F
ClientSampleId :
B-21-SB01

Tgt Ion: 82 Resp: 864298
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: 9.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF133185.D
Acq: 02 May 2023 13:13

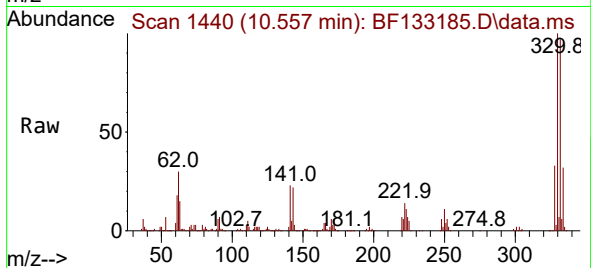
Tgt Ion: 164 Resp: 443045
Ion Ratio Lower Upper
164 100
162 98.5 78.7 118.1
160 43.1 35.8 53.6



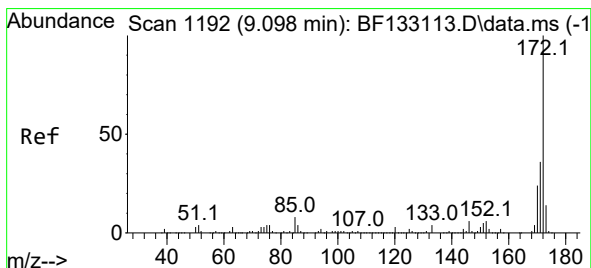
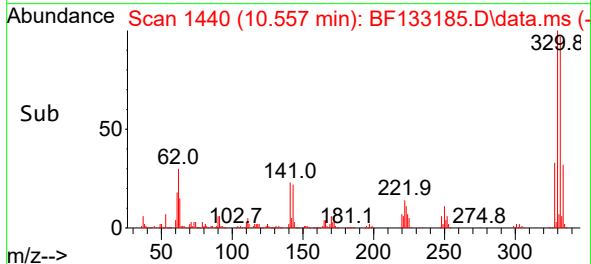
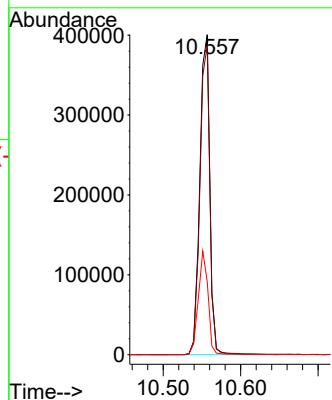


#42
2,4,6-Tribromophenol
Concen: 80.631 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF133185.D
Acq: 02 May 2023 13:13

Instrument :
BNA_F
ClientSampleId :
B-21-SB01

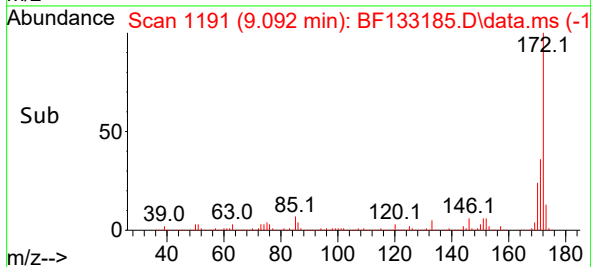
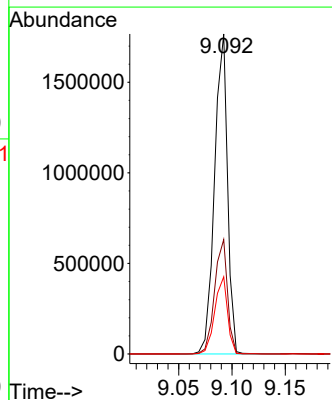
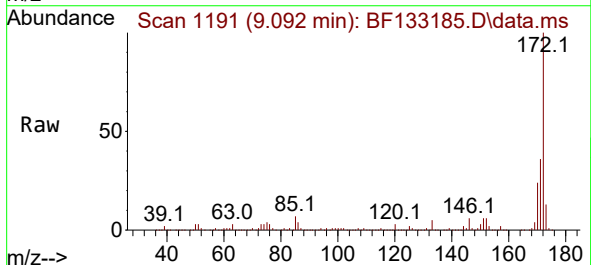


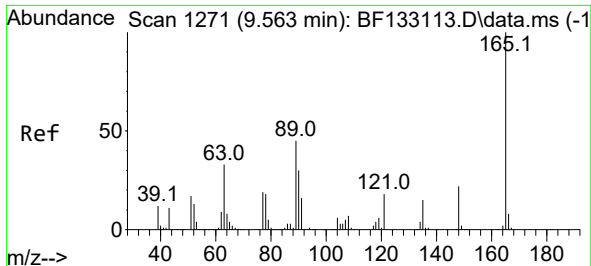
Tgt Ion:330 Resp: 359264
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 31.7 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 56.280 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF133185.D
Acq: 02 May 2023 13:13

Tgt Ion:172 Resp: 1490407
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.1 19.4 29.2

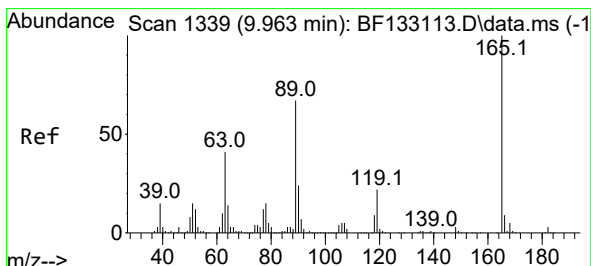
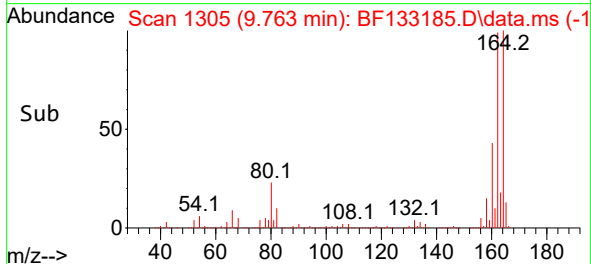
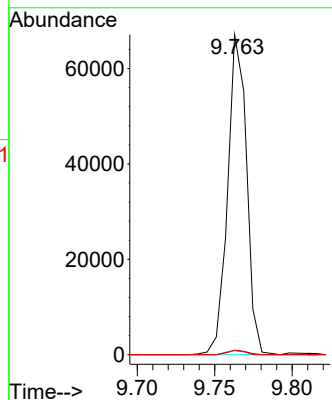
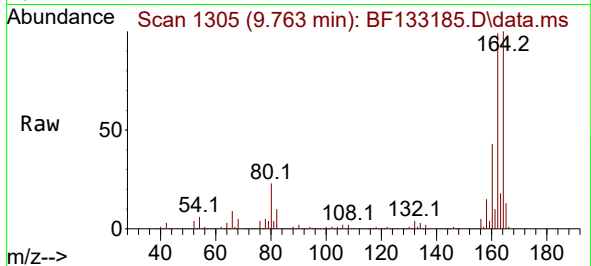




#51
2,6-Dinitrotoluene
Concen: 8.205 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF133185.D
Acq: 02 May 2023 13:13

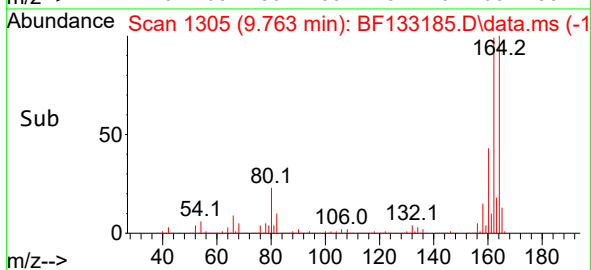
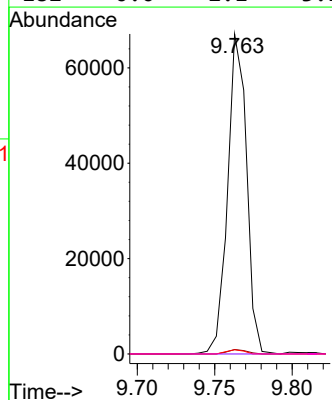
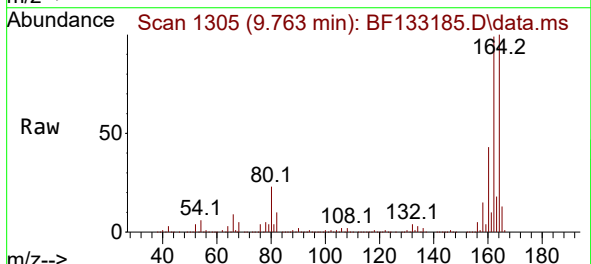
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BNA_F
ClientSampleId :
B-21-SB01

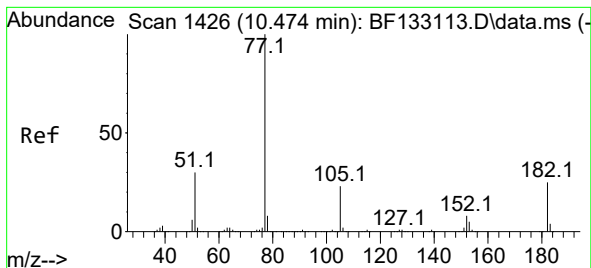
Tgt Ion:165 Resp: 57047
Ion Ratio Lower Upper
165 100
63 1.4 45.9 68.9#
89 1.3 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.433 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.200 min
Lab File: BF133185.D
Acq: 02 May 2023 13:13

Tgt Ion:165 Resp: 57047
Ion Ratio Lower Upper
165 100
63 1.4 37.7 56.5#
89 1.3 57.0 85.4#
182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 2.431 ng

RT: 10.475 min Scan# 1426

Delta R.T. 0.000 min

Lab File: BF133185.D

Acq: 02 May 2023 13:13

Instrument :

BNA_F

ClientSampleId :

B-21-SB01

Tgt Ion: 77 Resp: 75138

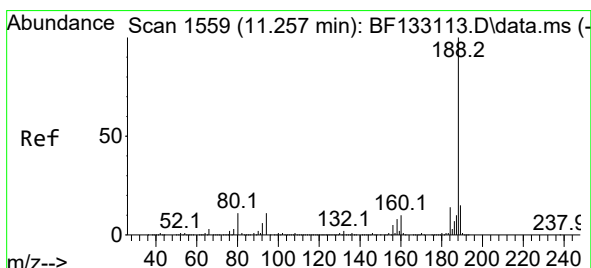
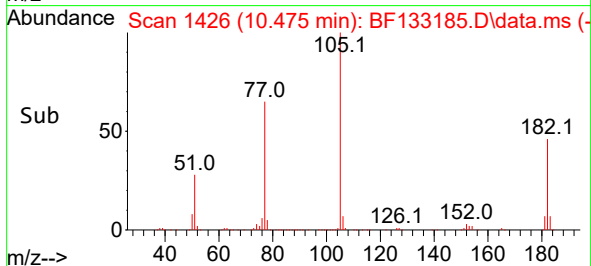
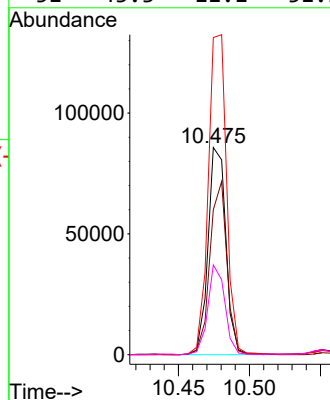
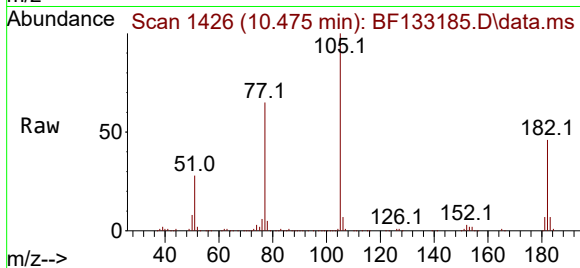
Ion Ratio Lower Upper

77 100

182 69.9 5.9 45.9#

105 153.0 2.3 42.3#

51 43.3 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 1557

Delta R.T. -0.006 min

Lab File: BF133185.D

Acq: 02 May 2023 13:13

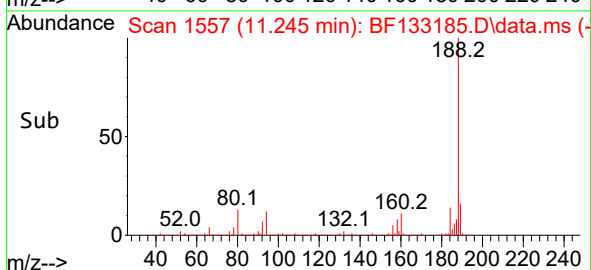
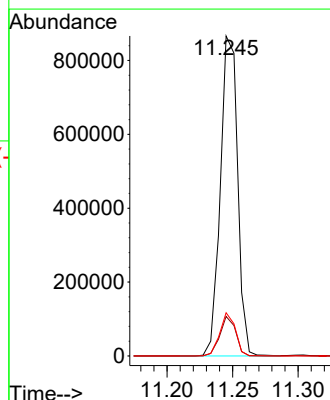
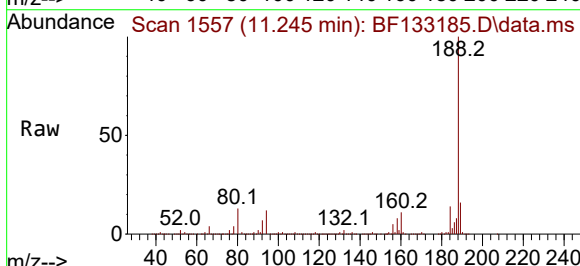
Tgt Ion:188 Resp: 792205

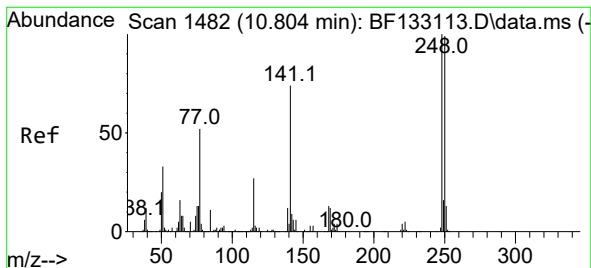
Ion Ratio Lower Upper

188 100

94 12.3 9.7 14.5

80 13.5 10.4 15.6

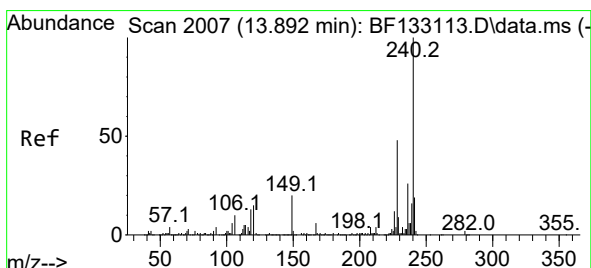
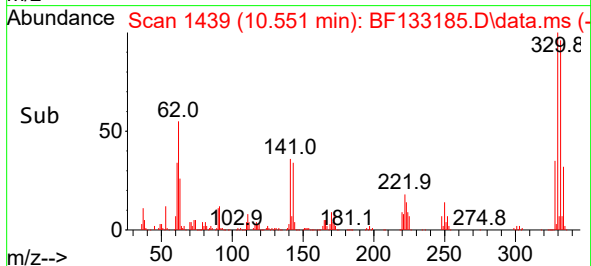
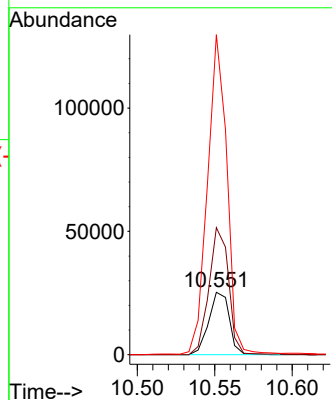
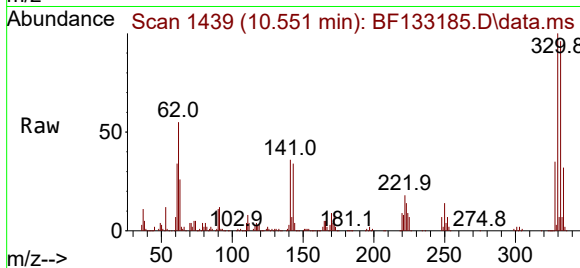




#67
4-Bromophenyl-phenylether
Concen: 2.719 ng
RT: 10.551 min Scan# 1482
Delta R.T. -0.253 min
Lab File: BF133185.D
Acq: 02 May 2023 13:13

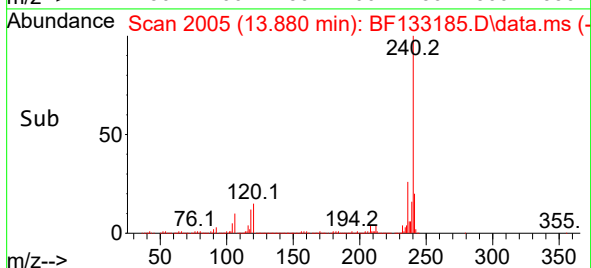
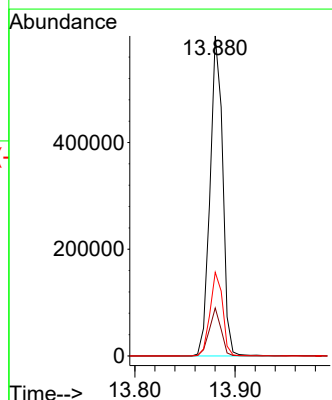
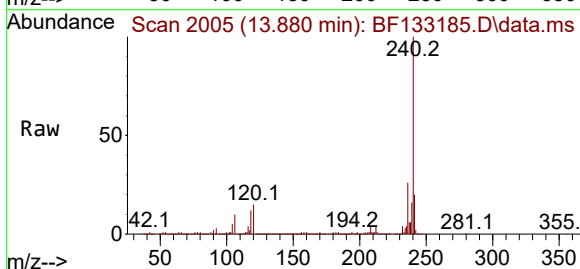
Instrument :
BNA_F
ClientSampleId :
B-21-SB01

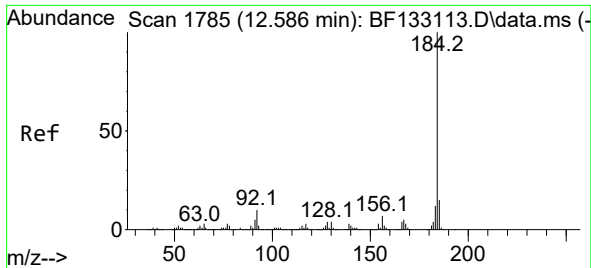
Tgt Ion:248 Resp: 23358
Ion Ratio Lower Upper
248 100
250 203.8 78.7 118.1#
141 513.3 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133185.D
Acq: 02 May 2023 13:13

Tgt Ion:240 Resp: 528167
Ion Ratio Lower Upper
240 100
120 15.0 10.5 15.7
236 26.1 21.5 32.3

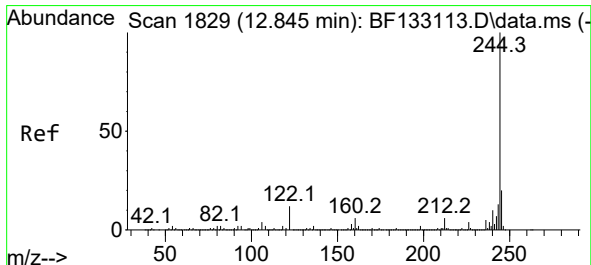
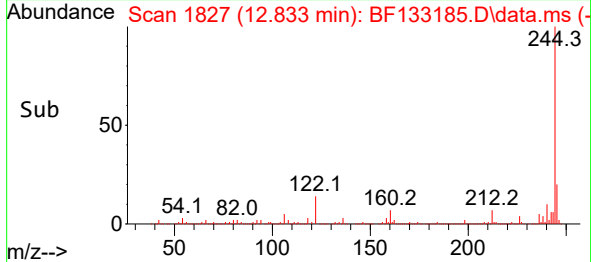
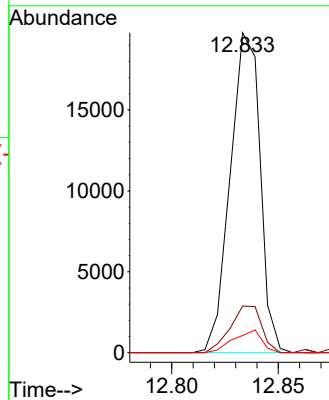
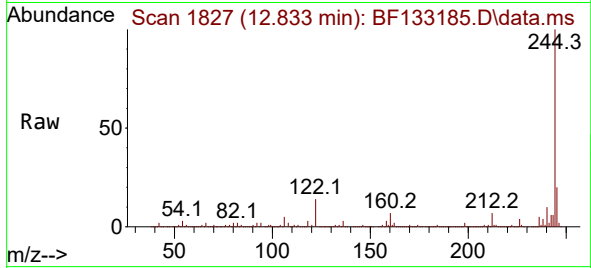




#77
Benzidine
Concen: 2.160 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.247 min
Lab File: BF133185.D
Acq: 02 May 2023 13:13

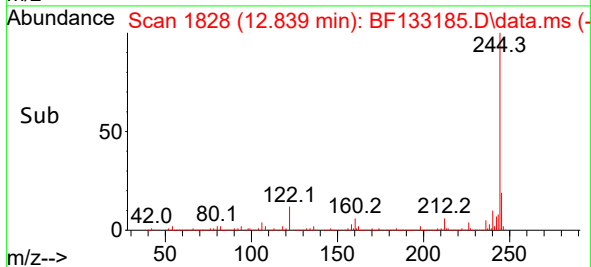
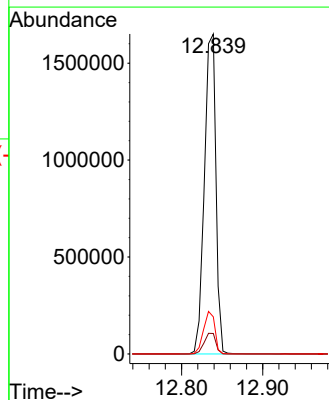
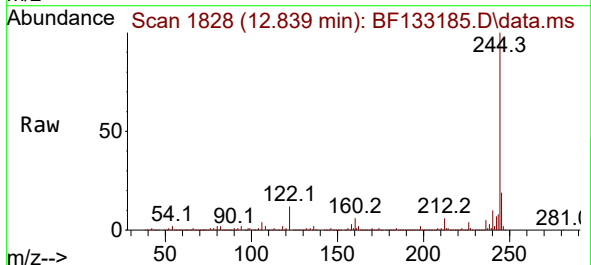
Instrument :
BNA_F
ClientSampleId :
B-21-SB01

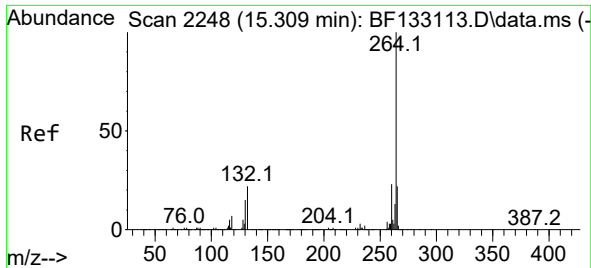
Tgt Ion:184 Resp: 19290
Ion Ratio Lower Upper
184 100
185 14.5 15.4 23.2#
183 5.4 9.4 14.0#



#79
Terphenyl-d14
Concen: 53.109 ng
RT: 12.839 min Scan# 1828
Delta R.T. 0.000 min
Lab File: BF133185.D
Acq: 02 May 2023 13:13

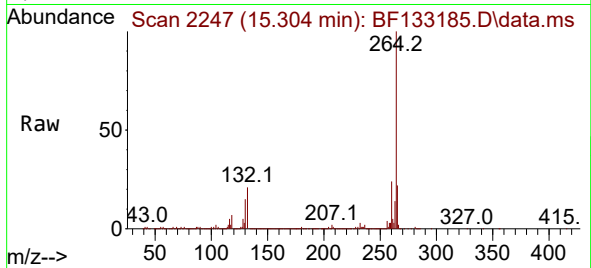
Tgt Ion:244 Resp: 1626428
Ion Ratio Lower Upper
244 100
212 6.4 5.1 7.7
122 11.6 8.6 13.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.304 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF133185.D
Acq: 02 May 2023 13:13

Instrument :
BNA_F
ClientSampleId :
B-21-SB01



Tgt Ion:	264	Resp:	392469
Ion Ratio	Lower	Upper	
264	100		
260	24.3	18.8	28.2
265	22.1	17.0	25.4

