

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
 Data File : BF133184.D
 Acq On : 02 May 2023 12:42
 Operator : CG\JU
 Sample : 02521-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-15

Quant Time: May 03 06:18:13 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

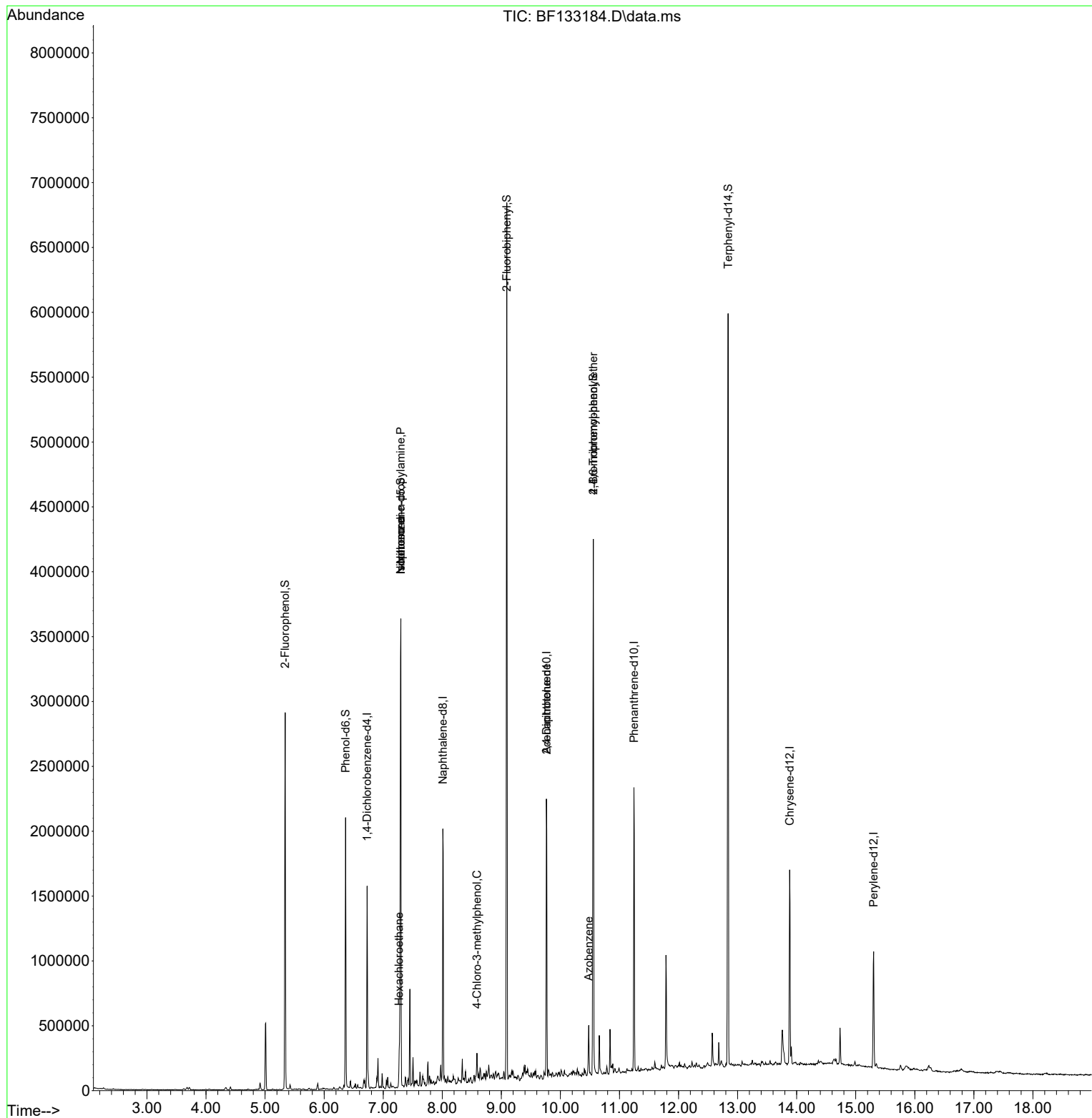
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	202539	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	828276	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	431004	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	775776	20.000	ng	0.00
76) Chrysene-d12	13.880	240	487304	20.000	ng	-0.01
86) Perylene-d12	15.304	264	371572	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	772668	57.628	ng	0.00
7) Phenol-d6	6.363	99	602588	36.209	ng	-0.01
23) Nitrobenzene-d5	7.298	82	1166230	76.001	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	537707	124.051	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1998010	77.555	ng	0.00
79) Terphenyl-d14	12.839	244	2178157	77.089	ng	0.00
Target Compounds						
9) Benzaldehyde	6.275	77	2633	Below Cal		Qvalue 86
18) Hexachloroethane	7.269	117	20484	4.062	ng	# 1
19) n-Nitroso-di-n-propyla...	7.298	70	156582	15.113	ng	# 76
25) Isophorone	7.298	82	1162864	39.913	ng	# 63
36) 4-Chloro-3-methylphenol	8.587	107	26176	2.073	ng	# 20
57) 2,4-Dinitrotoluene	9.763	165	57872	6.709	ng	# 24
63) Azobenzene	10.481	77	61622	2.049	ng	# 1
67) 4-Bromophenyl-phenylether	10.557	248	32634	3.879	ng	# 1

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

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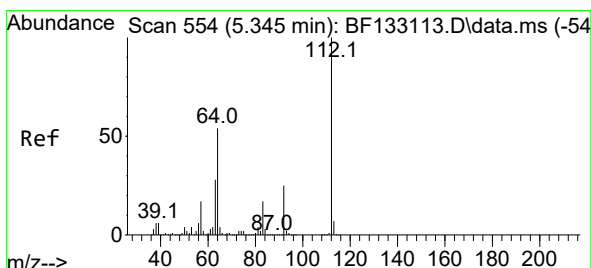
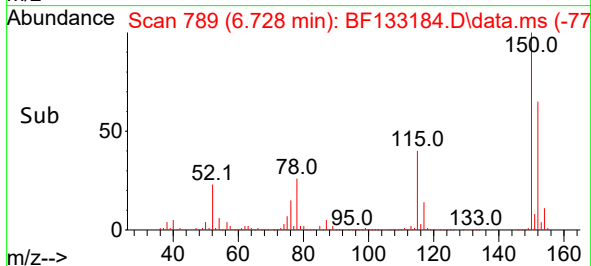
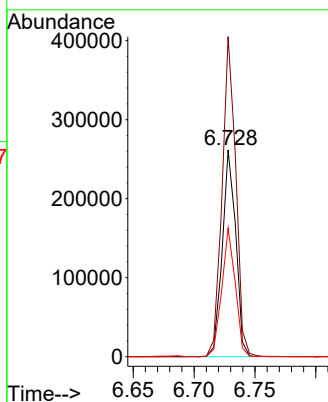
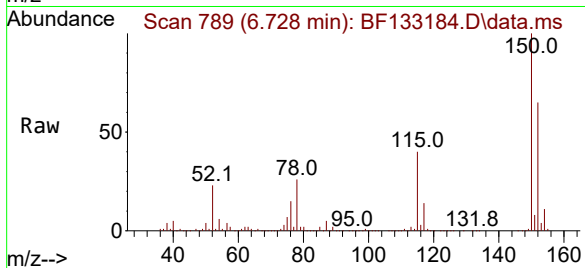




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.728 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF133184.D
 Acq: 02 May 2023 12:42

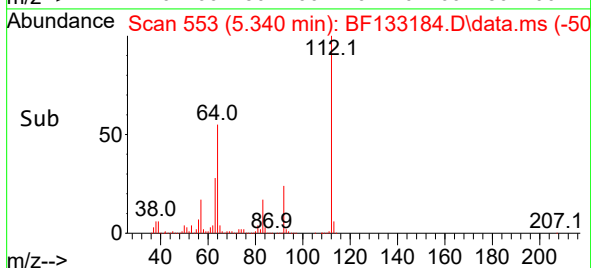
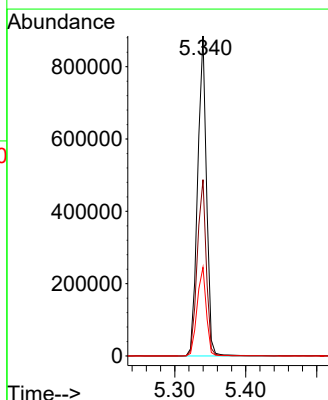
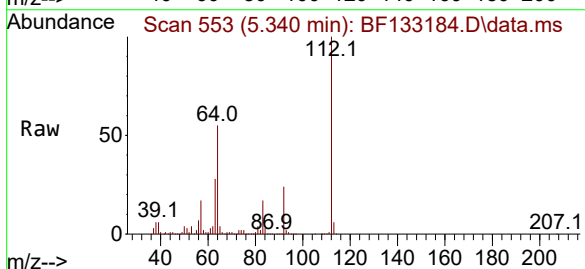
Instrument :
 BNA_F
 ClientSampleId :
 PZ-15

Tgt Ion:152 Resp: 202539
 Ion Ratio Lower Upper
 152 100
 150 154.8 124.8 187.2
 115 62.2 49.9 74.9



#5
 2-Fluorophenol
 Concen: 57.628 ng
 RT: 5.340 min Scan# 553
 Delta R.T. 0.000 min
 Lab File: BF133184.D
 Acq: 02 May 2023 12:42

Tgt Ion:112 Resp: 772668
 Ion Ratio Lower Upper
 112 100
 64 55.1 46.8 70.2
 63 27.7 23.8 35.8





#7

Phenol-d6

Concen: 36.209 ng

RT: 6.363 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF133184.D

Acq: 02 May 2023 12:42

Instrument :

BNA_F

ClientSampleId :

PZ-15

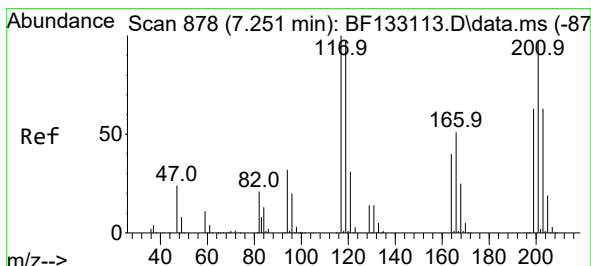
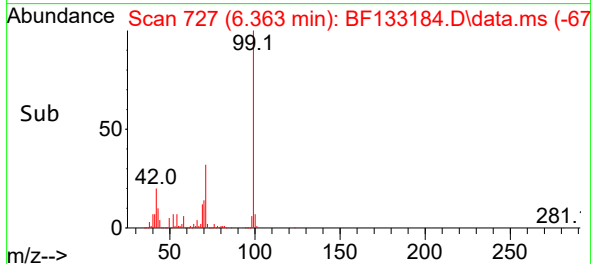
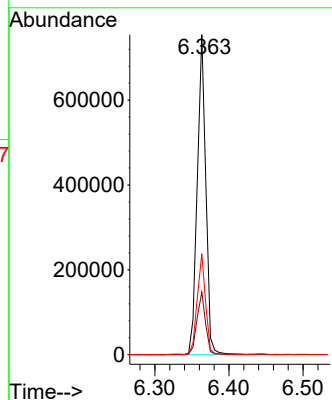
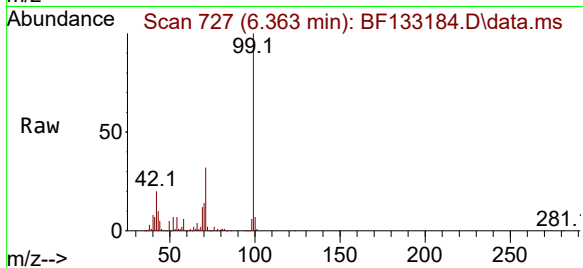
Tgt Ion: 99 Resp: 602588

Ion Ratio Lower Upper

99 100

42 19.6 16.3 24.5

71 31.6 25.6 38.4



#18

Hexachloroethane

Concen: 4.062 ng

RT: 7.269 min Scan# 881

Delta R.T. 0.024 min

Lab File: BF133184.D

Acq: 02 May 2023 12:42

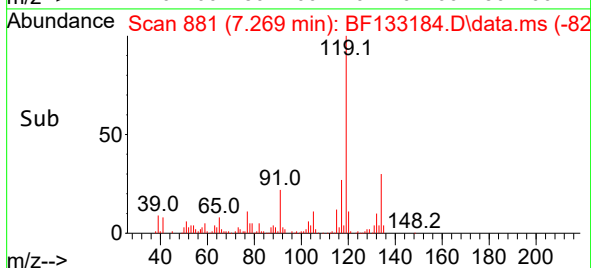
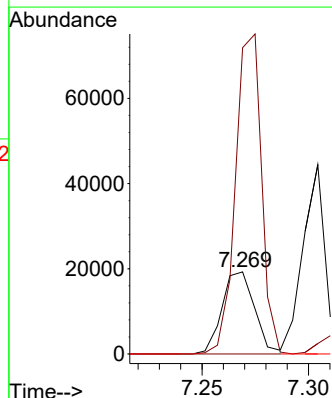
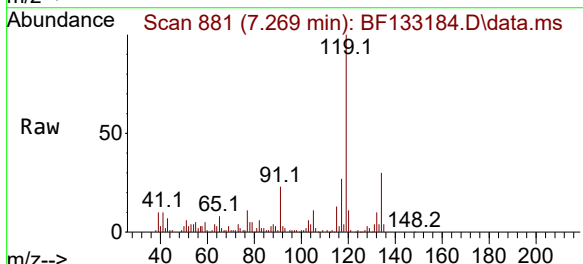
Tgt Ion: 117 Resp: 20484

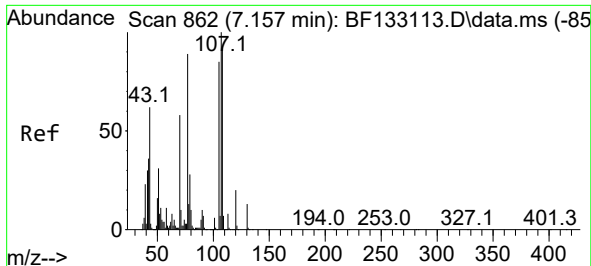
Ion Ratio Lower Upper

117 100

119 372.7 78.2 117.4#

201 0.0 81.7 122.5#

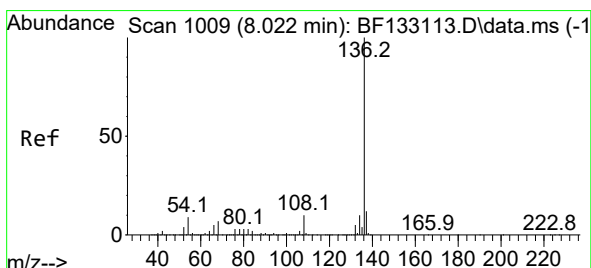
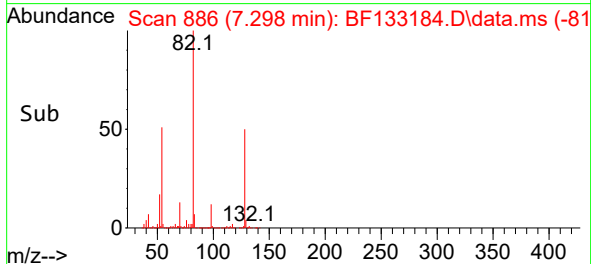
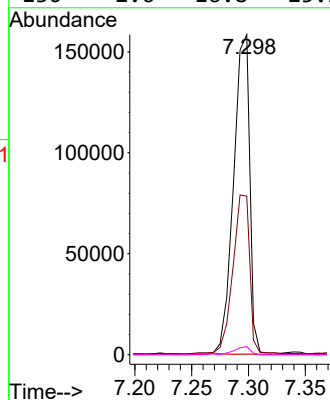
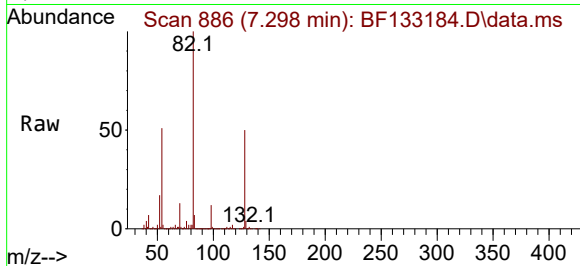




#19
n-Nitroso-di-n-propylamine
Concen: 15.113 ng
RT: 7.298 min Scan# 81
Delta R.T. 0.147 min
Lab File: BF133184.D
Acq: 02 May 2023 12:42

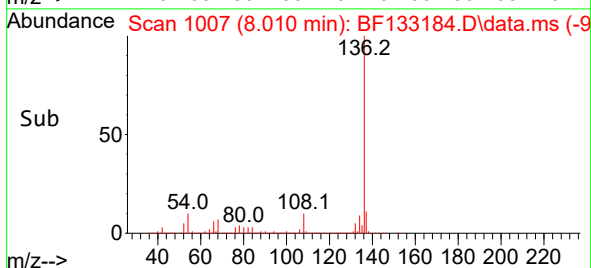
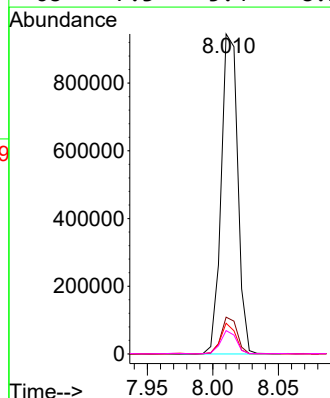
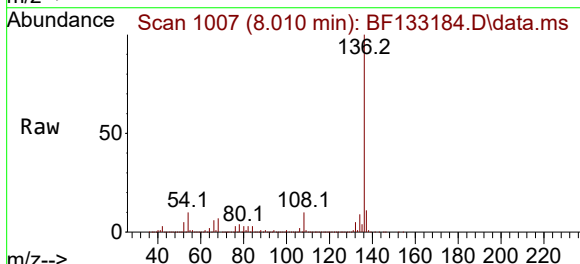
Instrument :
BNA_F
ClientSampleId :
PZ-15

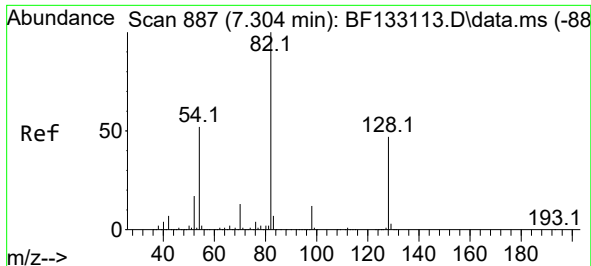
Tgt Ion: 70 Resp: 156582
Ion Ratio Lower Upper
70 100
42 49.6 51.8 77.6#
101 0.2 8.0 12.0#
130 2.6 16.8 25.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF133184.D
Acq: 02 May 2023 12:42

Tgt Ion:136 Resp: 828276
Ion Ratio Lower Upper
136 100
137 11.5 8.6 13.0
54 9.6 7.0 10.4
68 7.3 5.4 8.2





#23

Nitrobenzene-d5

Concen: 76.001 ng

RT: 7.298 min Scan# 886

Delta R.T. 0.000 min

Lab File: BF133184.D

Acq: 02 May 2023 12:42

Instrument :

BNA_F

ClientSampleId :

PZ-15

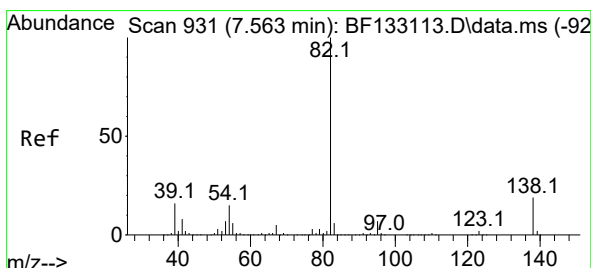
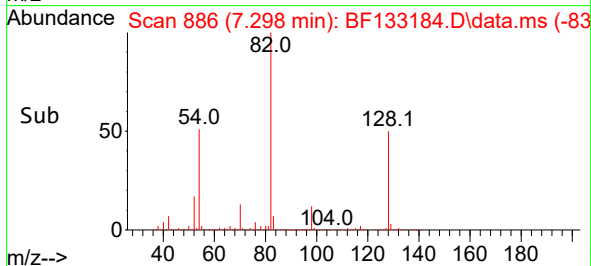
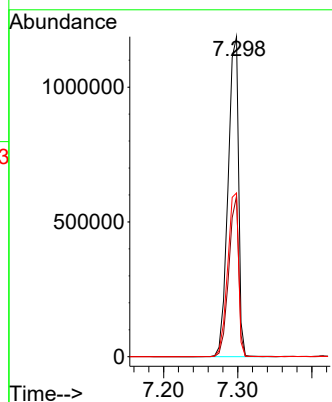
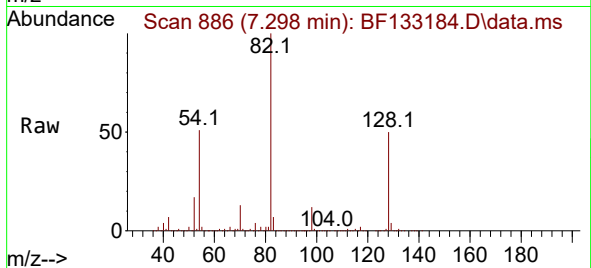
Tgt Ion: 82 Resp: 1166230

Ion Ratio Lower Upper

82 100

128 50.2 37.7 56.5

54 51.1 43.0 64.4



#25

Isophorone

Concen: 39.913 ng

RT: 7.298 min Scan# 886

Delta R.T. -0.259 min

Lab File: BF133184.D

Acq: 02 May 2023 12:42

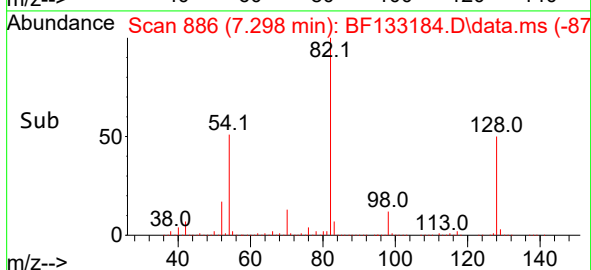
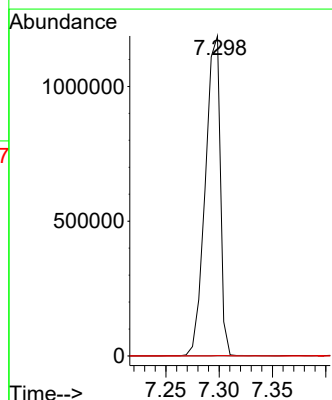
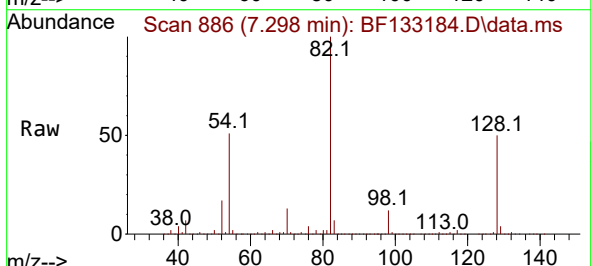
Tgt Ion: 82 Resp: 1162864

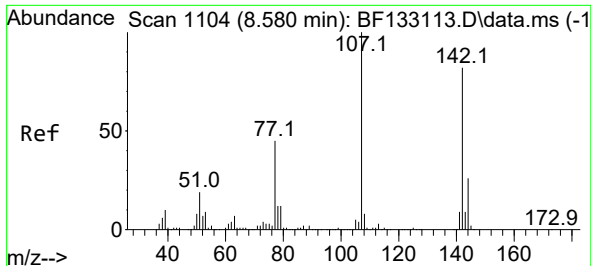
Ion Ratio Lower Upper

82 100

95 0.1 5.4 8.0#

138 0.0 16.0 24.0#

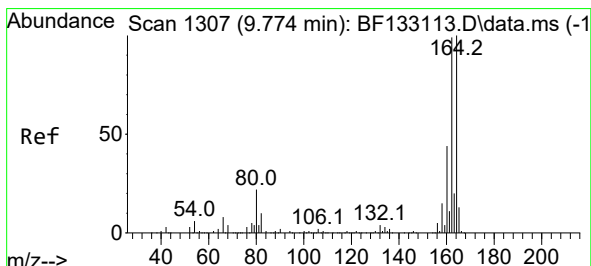
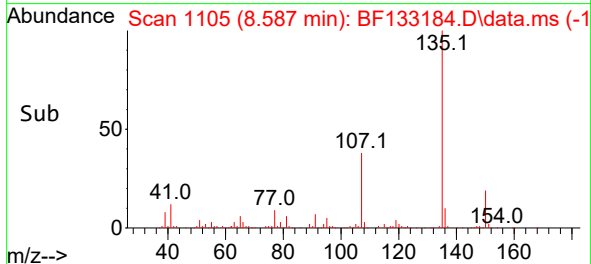
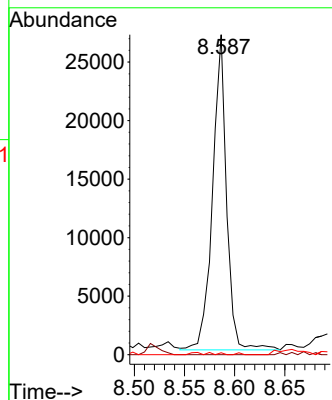
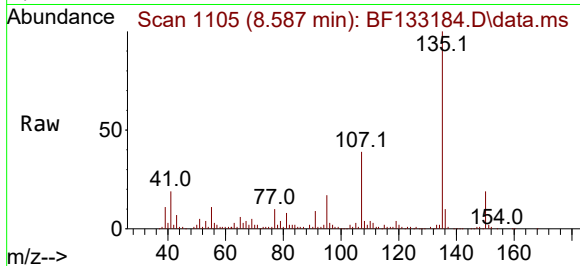




#36
4-Chloro-3-methylphenol
Concen: 2.073 ng
RT: 8.587 min Scan# 1104
Delta R.T. 0.012 min
Lab File: BF133184.D
Acq: 02 May 2023 12:42

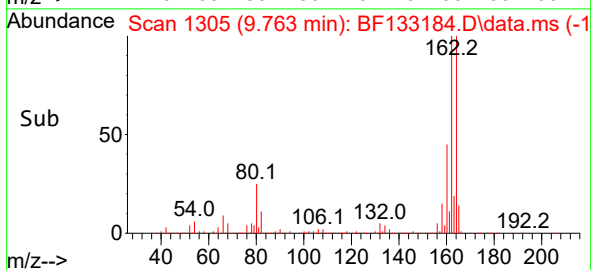
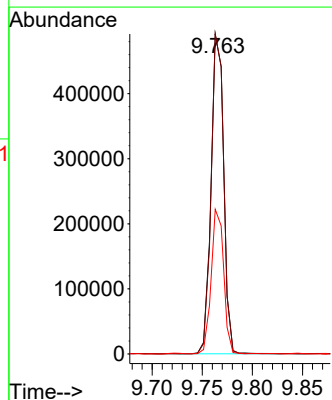
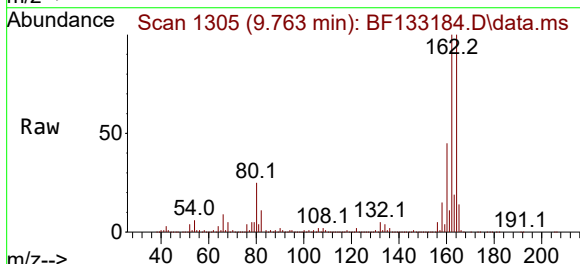
Instrument :
BNA_F
ClientSampleId :
PZ-15

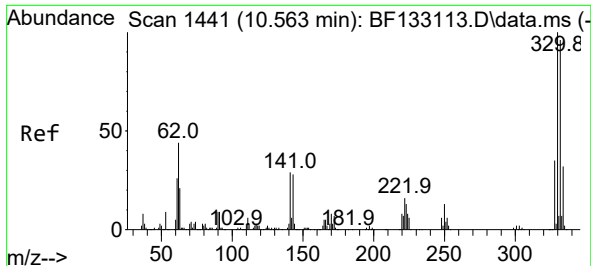
Tgt Ion:107 Resp: 26176
Ion Ratio Lower Upper
107 100
144 0.0 20.6 30.8#
142 0.6 62.8 94.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BF133184.D
Acq: 02 May 2023 12:42

Tgt Ion:164 Resp: 431004
Ion Ratio Lower Upper
164 100
162 100.0 78.7 118.1
160 45.2 35.8 53.6

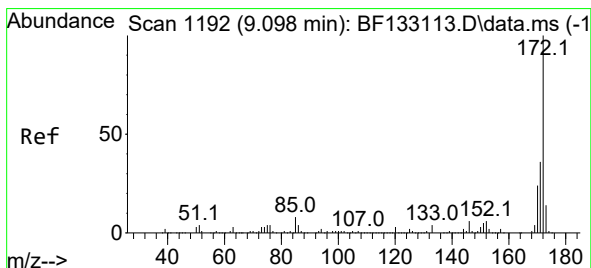
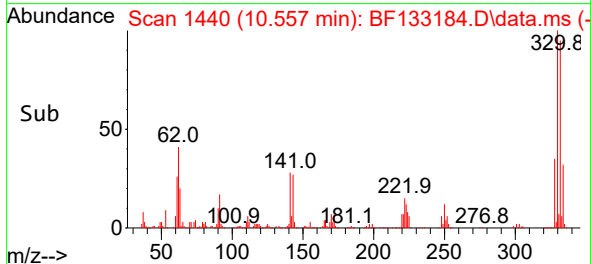
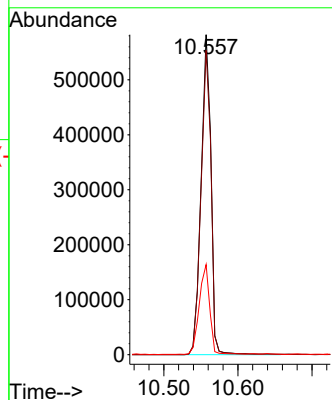
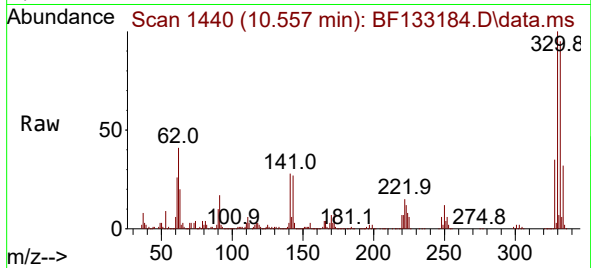




#42
2,4,6-Tribromophenol
Concen: 124.051 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF133184.D
Acq: 02 May 2023 12:42

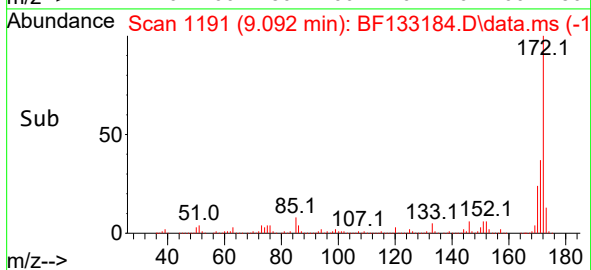
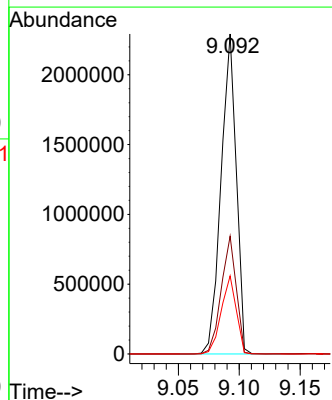
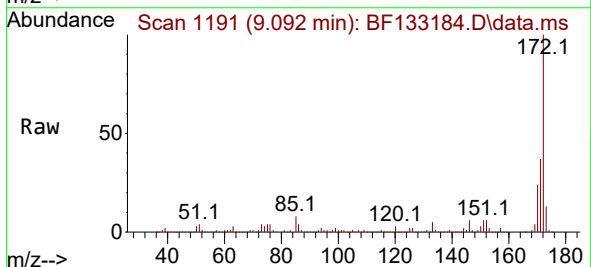
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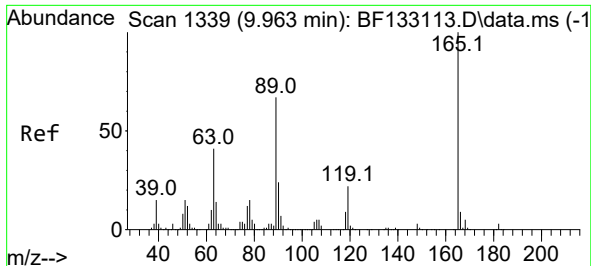
Tgt Ion:330 Resp: 537707
Ion Ratio Lower Upper
330 100
332 96.0 77.1 115.7
141 29.8 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 77.555 ng
RT: 9.092 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF133184.D
Acq: 02 May 2023 12:42

Tgt Ion:172 Resp: 1998010
Ion Ratio Lower Upper
172 100
171 36.8 28.8 43.2
170 24.4 19.4 29.2

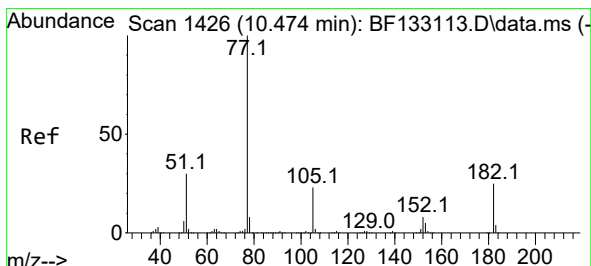
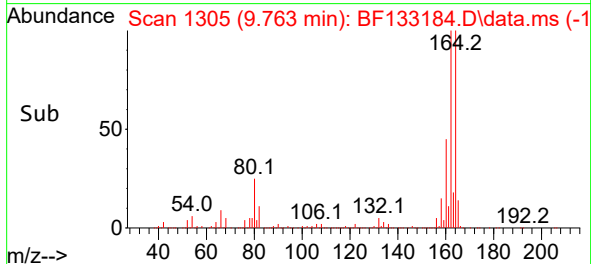
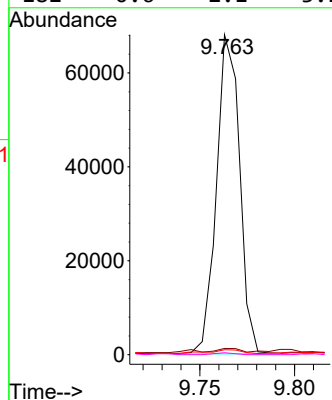
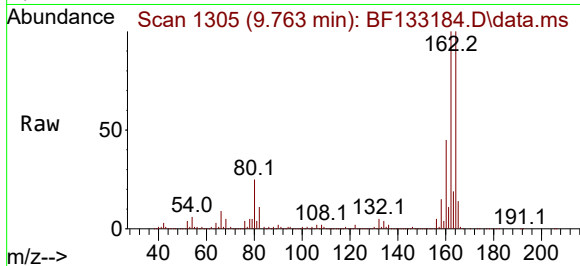




#57
2,4-Dinitrotoluene
Concen: 6.709 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF133184.D
Acq: 02 May 2023 12:42

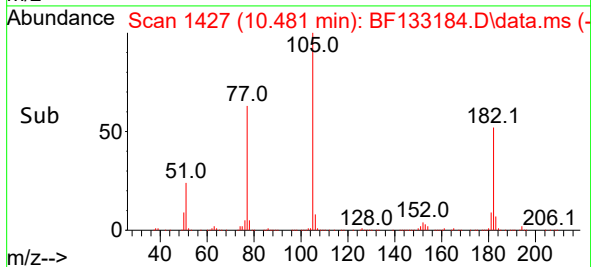
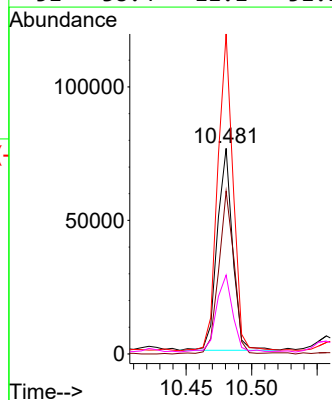
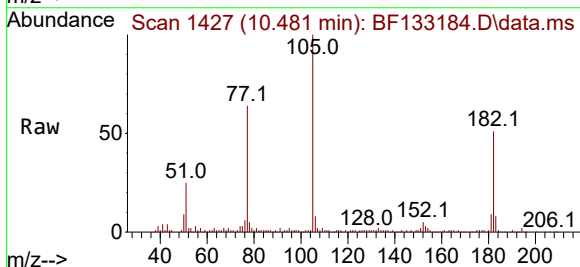
Instrument :
BNA_F
ClientSampleId :
PZ-15

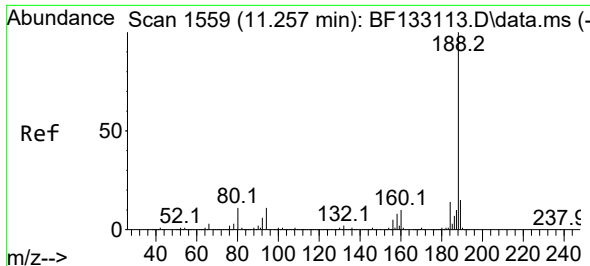
Tgt Ion:165 Resp: 57872
Ion Ratio Lower Upper
165 100
63 1.9 37.7 56.5#
89 1.6 57.0 85.4#
182 0.6 2.1 3.1#



#63
Azobenzene
Concen: 2.049 ng
RT: 10.481 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF133184.D
Acq: 02 May 2023 12:42

Tgt Ion: 77 Resp: 61622
Ion Ratio Lower Upper
77 100
182 79.2 5.9 45.9#
105 155.6 2.3 42.3#
51 38.4 11.1 51.1

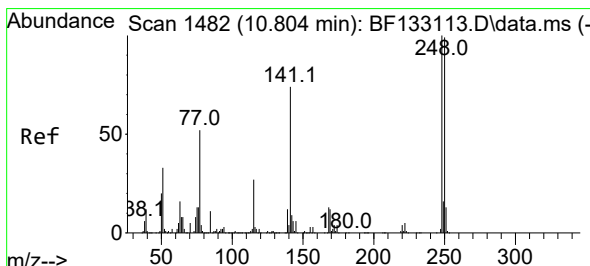
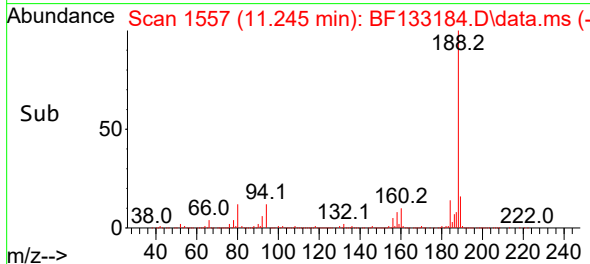
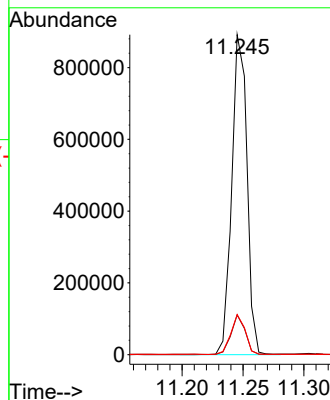
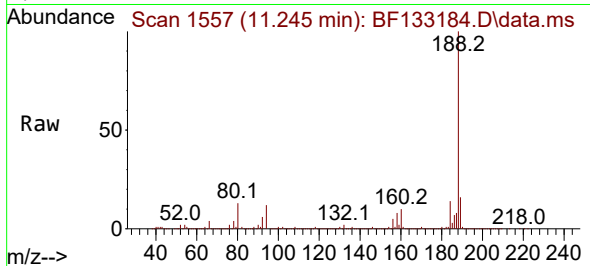




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133184.D
Acq: 02 May 2023 12:42

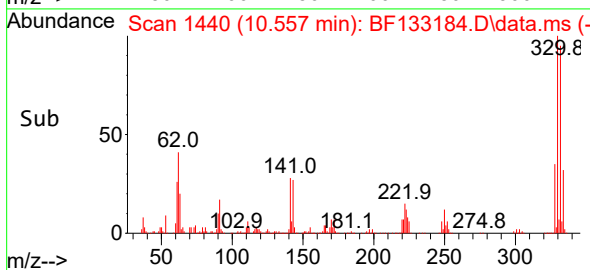
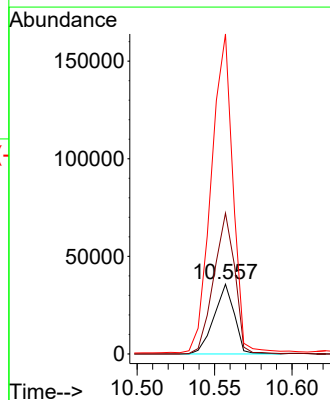
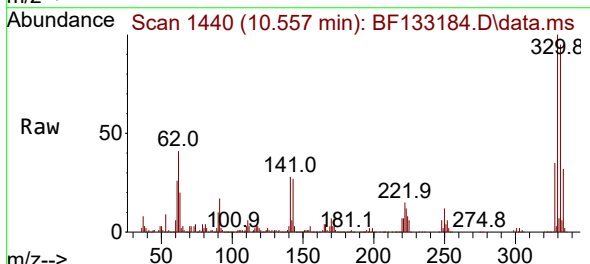
Instrument :
BNA_F
ClientSampleId :
PZ-15

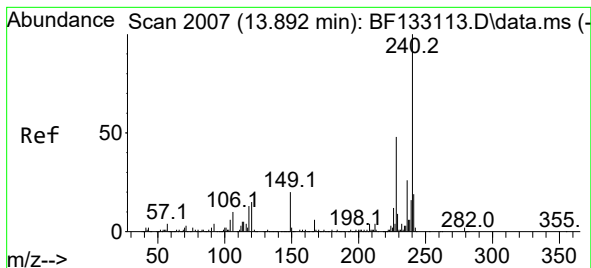
Tgt Ion:188 Resp: 775776
Ion Ratio Lower Upper
188 100
94 12.4 9.7 14.5
80 12.5 10.4 15.6



#67
4-Bromophenyl-phenylether
Concen: 3.879 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.247 min
Lab File: BF133184.D
Acq: 02 May 2023 12:42

Tgt Ion:248 Resp: 32634
Ion Ratio Lower Upper
248 100
250 201.8 78.7 118.1#
141 458.6 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: BF133184.D

Acq: 02 May 2023 12:42

Instrument :

BNA_F

ClientSampleId :

PZ-15

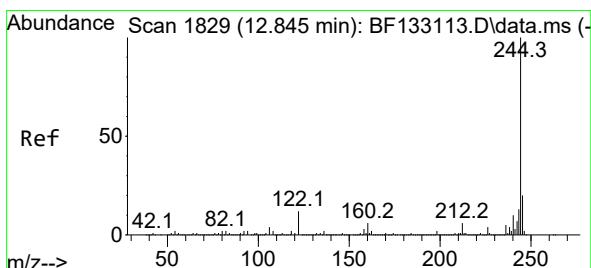
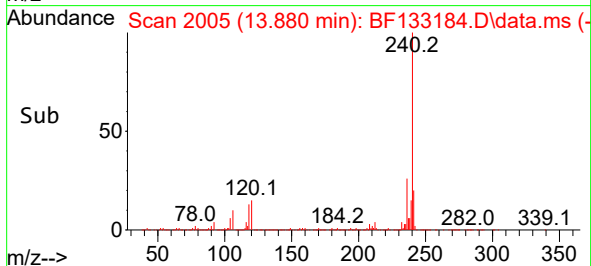
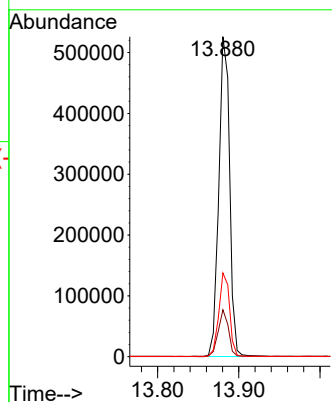
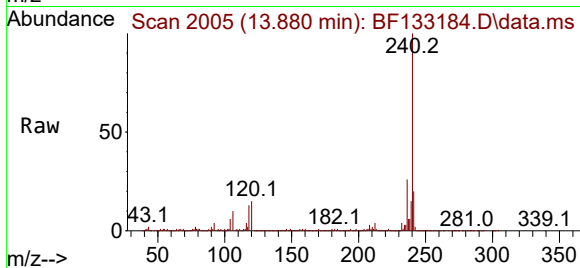
Tgt Ion:240 Resp: 487304

Ion Ratio Lower Upper

240 100

120 14.6 10.5 15.7

236 26.2 21.5 32.3



#79

Terphenyl-d14

Concen: 77.089 ng

RT: 12.839 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF133184.D

Acq: 02 May 2023 12:42

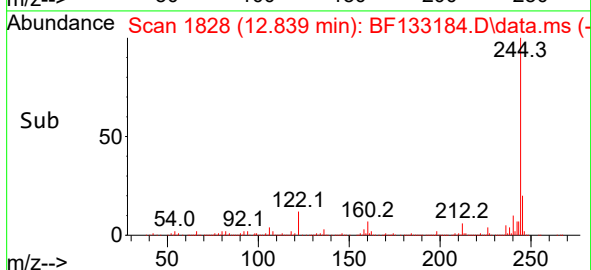
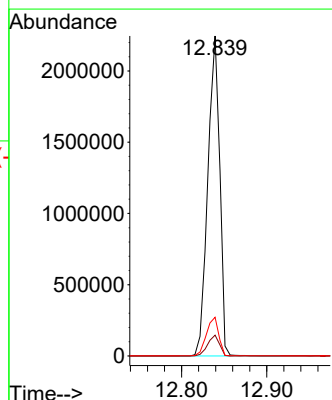
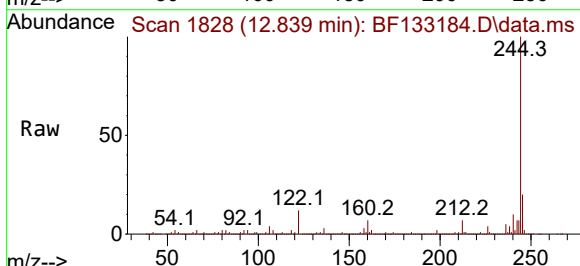
Tgt Ion:244 Resp: 2178157

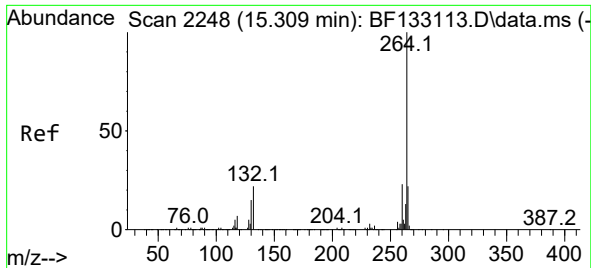
Ion Ratio Lower Upper

244 100

212 6.5 5.1 7.7

122 12.1 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: BF133184.D
 Acq: 02 May 2023 12:42

Instrument :
 BNA_F
 ClientSampleId :
 PZ-15

Tgt Ion:264 Resp: 371572
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.8 28.2
 265 21.6 17.0 25.4

