

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050223\
 Data File : BF133186.D
 Acq On : 02 May 2023 13:44
 Operator : CG\JU
 Sample : 02567-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-21-SB02

Quant Time: May 03 06:18:40 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)

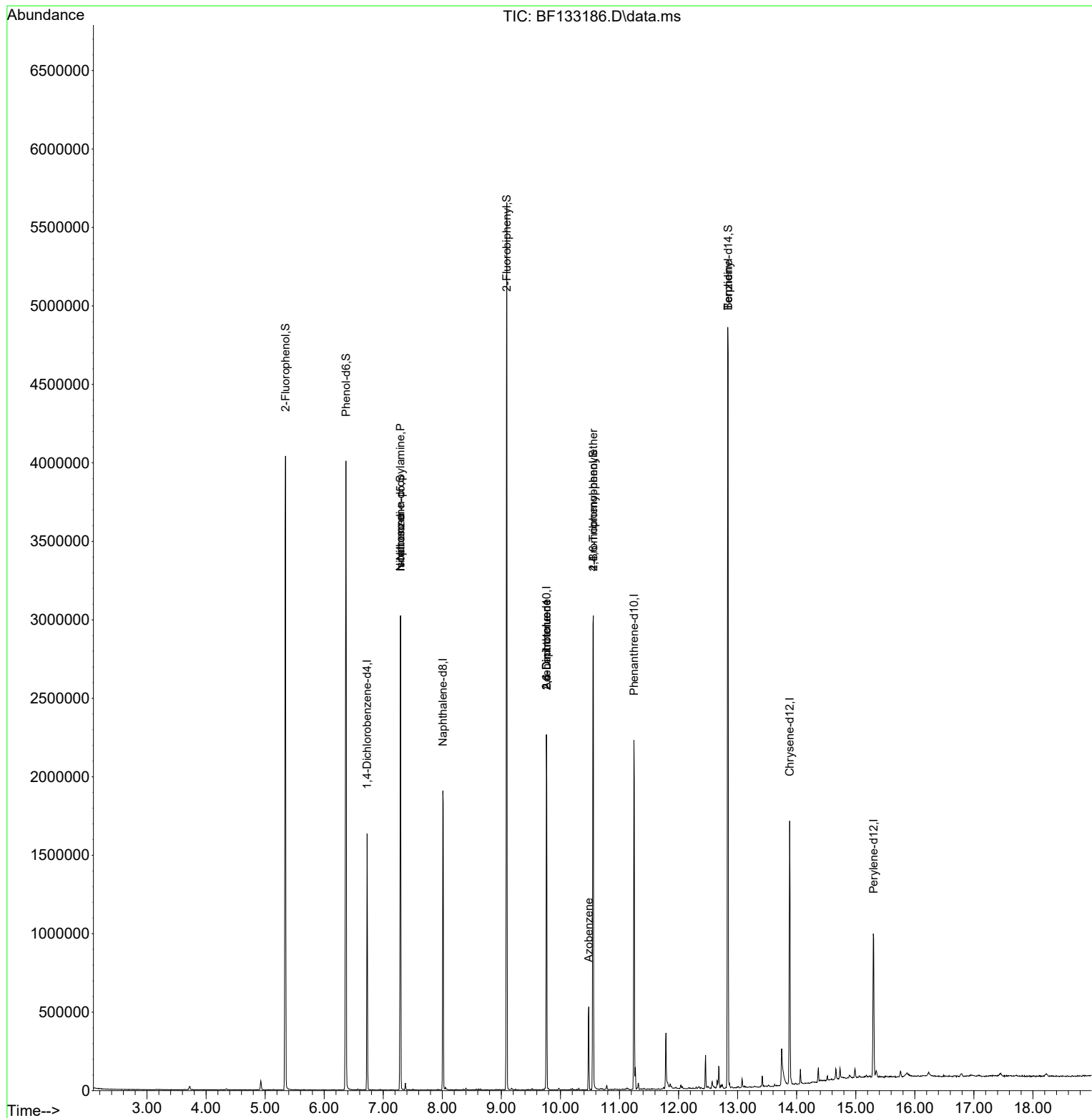
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	207056	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	832236	20.000	ng	0.00
39) Acenaphthene-d10	9.763	164	439052	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	797982	20.000	ng	0.00
76) Chrysene-d12	13.880	240	524928	20.000	ng	-0.01
86) Perylene-d12	15.304	264	395013	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1188006	86.673	ng	0.00
7) Phenol-d6	6.369	99	1482104	87.116	ng	0.00
23) Nitrobenzene-d5	7.292	82	869270	56.379	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	390821	88.511	ng	0.00
45) 2-Fluorobiphenyl	9.092	172	1597903	60.888	ng	0.00
79) Terphenyl-d14	12.839	244	1844983	60.617	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.275	77	291	Below Cal	#	36
19) n-Nitroso-di-n-propyla...	7.292	70	113912	10.755	ng	# 77
25) Isophorone	7.292	82	869261	29.694	ng	# 62
51) 2,6-Dinitrotoluene	9.763	165	56362	8.180	ng	# 25
57) 2,4-Dinitrotoluene	9.763	165	56362	6.414	ng	# 24
63) Azobenzene	10.480	77	86571	2.826	ng	# 1
67) 4-Bromophenyl-phenylether	10.557	248	25053	2.895	ng	# 1
77) Benzidine	12.839	184	22769	2.565	ng	# 91

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

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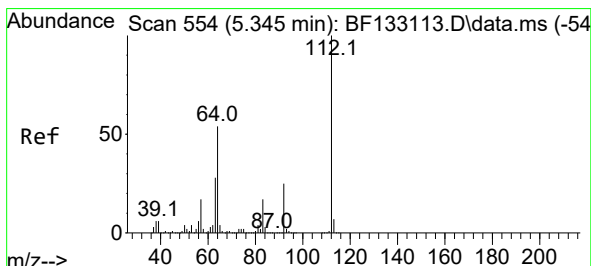
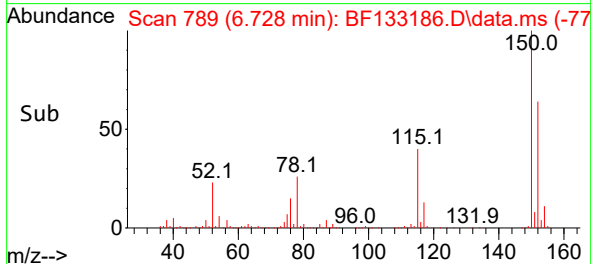
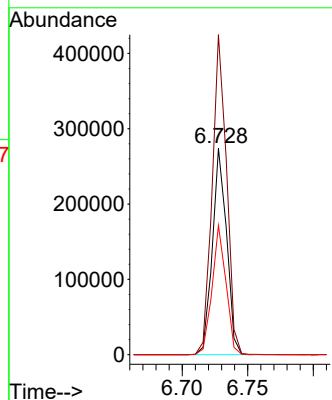
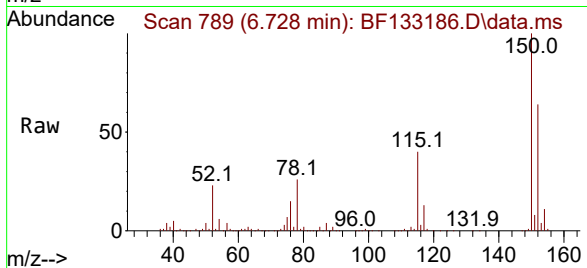




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 791
Delta R.T. -0.006 min
Lab File: BF133186.D
Acq: 02 May 2023 13:44

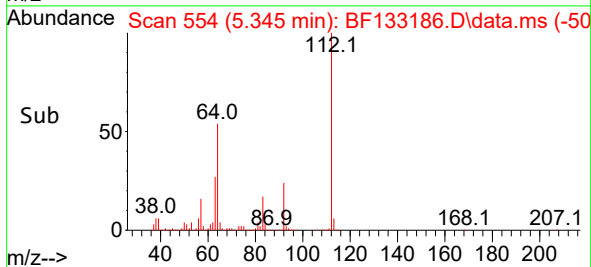
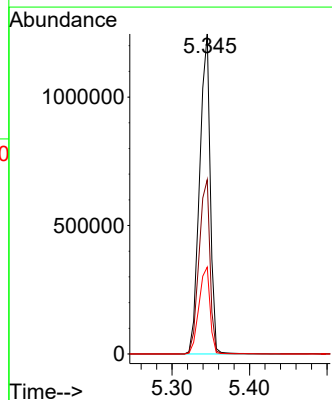
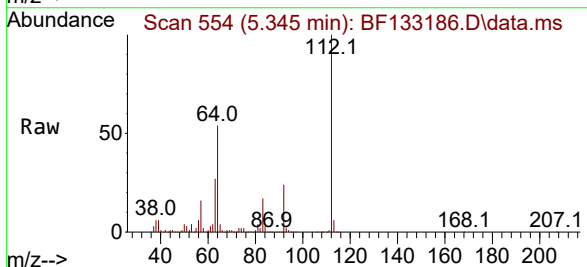
Instrument :
BNA_F
ClientSampleId :
B-21-SB02

Tgt Ion:152 Resp: 207056
Ion Ratio Lower Upper
152 100
150 155.2 124.8 187.2
115 62.7 49.9 74.9



#5
2-Fluorophenol
Concen: 86.673 ng
RT: 5.345 min Scan# 554
Delta R.T. 0.006 min
Lab File: BF133186.D
Acq: 02 May 2023 13:44

Tgt Ion:112 Resp: 1188006
Ion Ratio Lower Upper
112 100
64 54.5 46.8 70.2
63 27.1 23.8 35.8

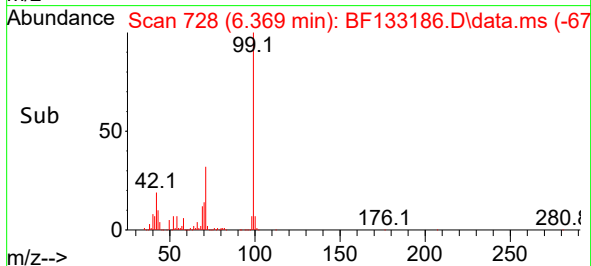
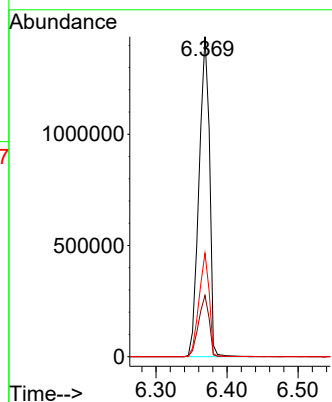
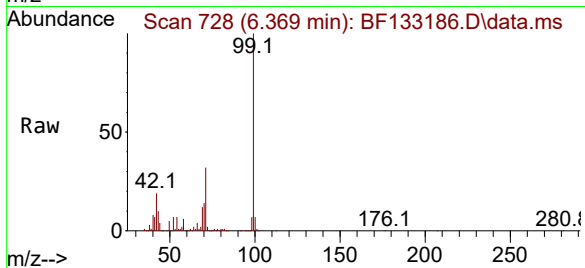




#7
Phenol-d6
Concen: 87.116 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133186.D
Acq: 02 May 2023 13:44

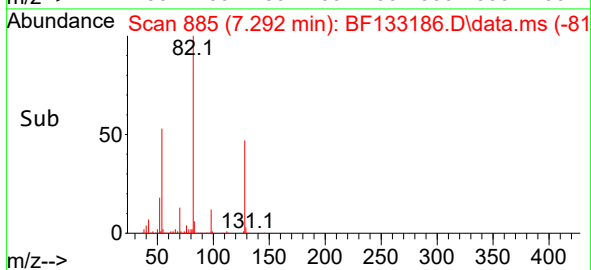
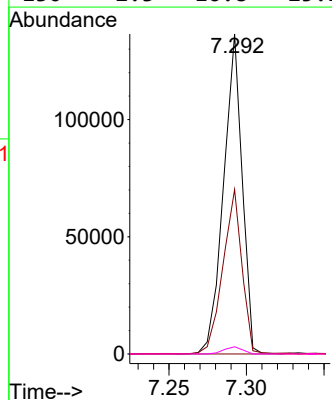
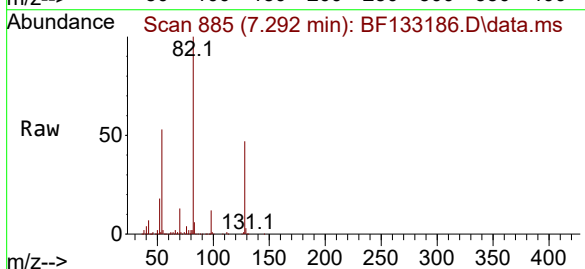
Instrument :
BNA_F
ClientSampleId :
B-21-SB02

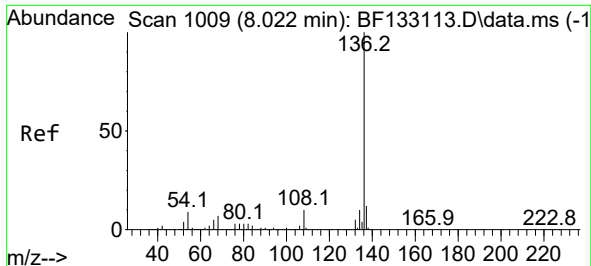
Tgt Ion: 99 Resp: 1482104
Ion Ratio Lower Upper
99 100
42 19.1 16.3 24.5
71 32.4 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.755 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.141 min
Lab File: BF133186.D
Acq: 02 May 2023 13:44

Tgt Ion: 70 Resp: 113912
Ion Ratio Lower Upper
70 100
42 51.4 51.8 77.6#
101 0.0 8.0 12.0#
130 2.3 16.8 25.2#



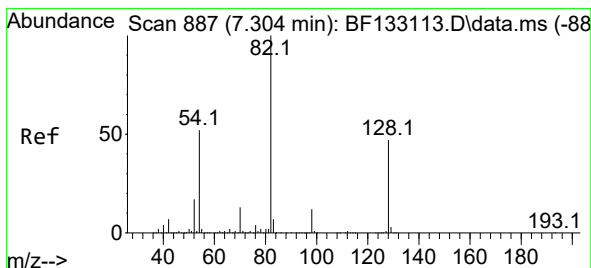
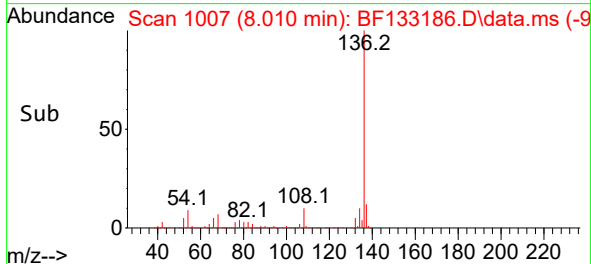
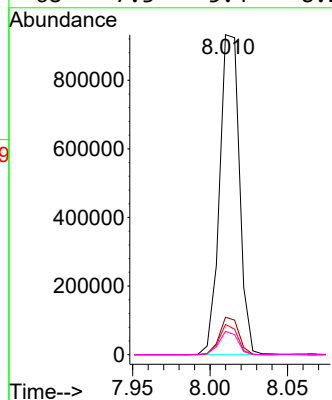
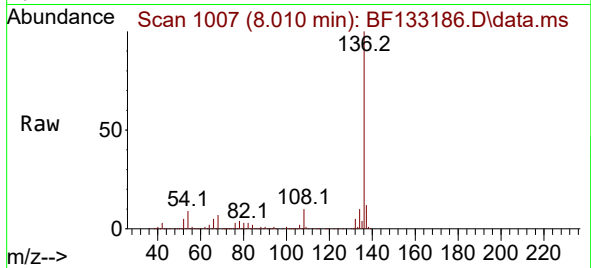


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133186.D
Acq: 02 May 2023 13:44

Instrument :
BNA_F
ClientSampleId :
B-21-SB02

Tgt Ion:136 Resp: 832236

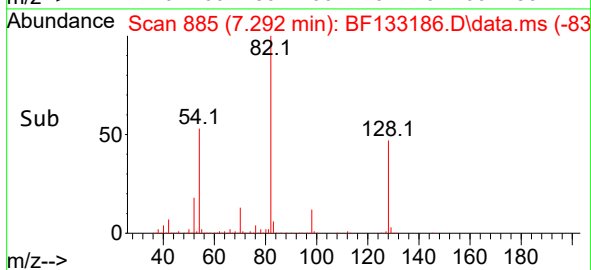
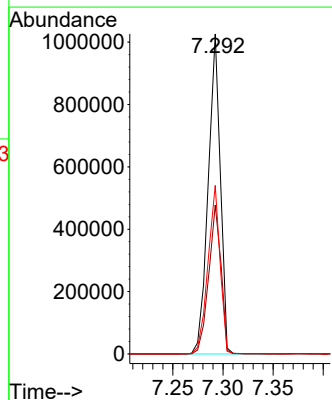
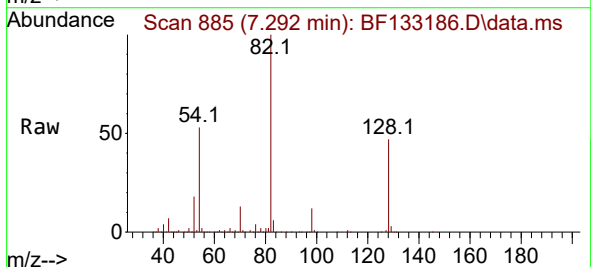
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.6	13.0
54	9.5	7.0	10.4
68	7.3	5.4	8.2

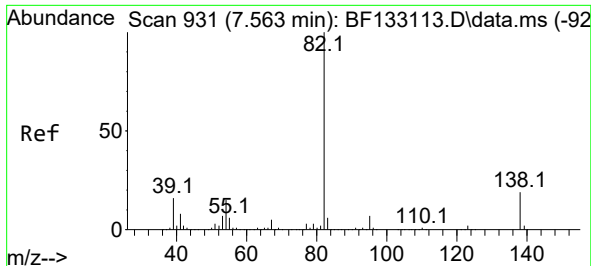


#23
Nitrobenzene-d5
Concen: 56.379 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF133186.D
Acq: 02 May 2023 13:44

Tgt Ion: 82 Resp: 869270

Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.7	56.5
54	52.7	43.0	64.4

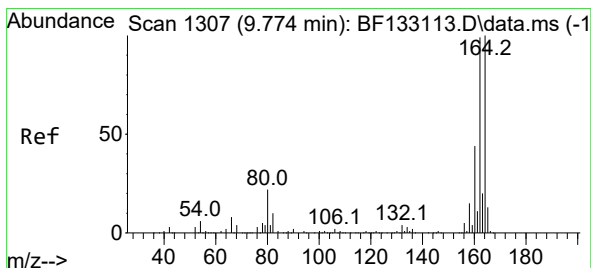
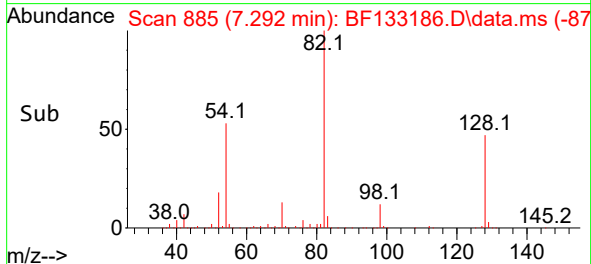
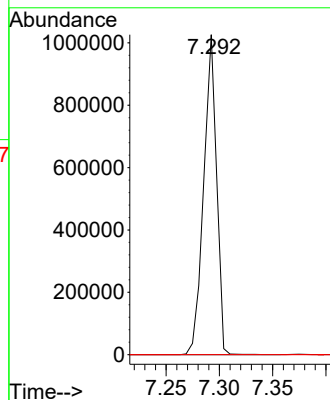
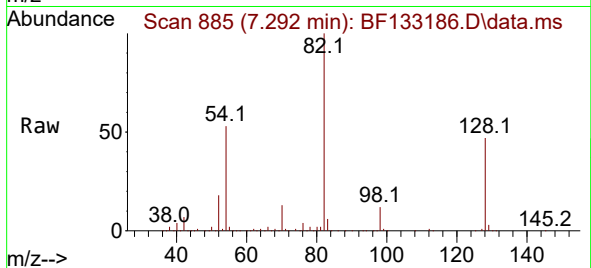




#25
Isophorone
Concen: 29.694 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133186.D
Acq: 02 May 2023 13:44

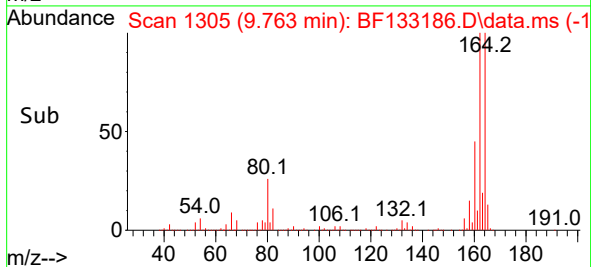
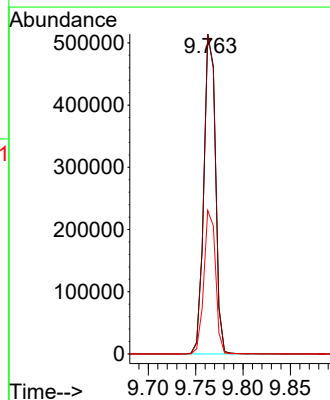
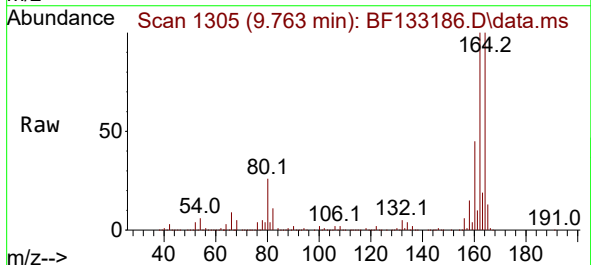
Instrument :
BNA_F
ClientSampleId :
B-21-SB02

Tgt Ion: 82 Resp: 869261
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: BF133186.D
Acq: 02 May 2023 13:44

Tgt Ion:164 Resp: 439052
Ion Ratio Lower Upper
164 100
162 99.9 78.7 118.1
160 44.9 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 88.511 ng

RT: 10.557 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF133186.D

Acq: 02 May 2023 13:44

Instrument :

BNA_F

ClientSampleId :

B-21-SB02

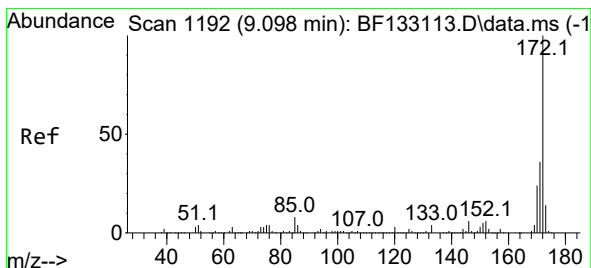
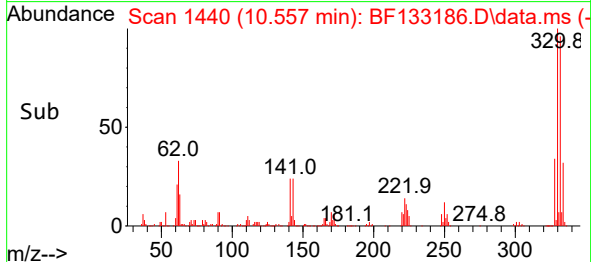
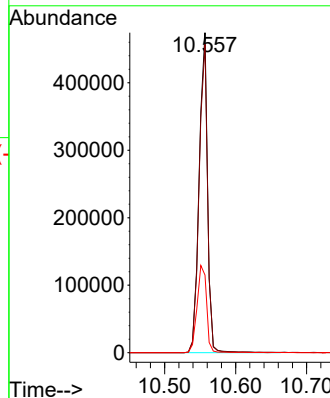
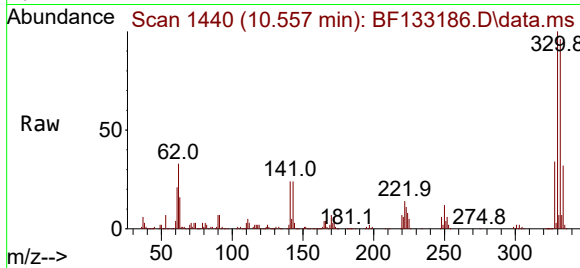
Tgt Ion:330 Resp: 390821

Ion Ratio Lower Upper

330 100

332 97.0 77.1 115.7

141 31.0 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 60.888 ng

RT: 9.092 min Scan# 1191

Delta R.T. -0.006 min

Lab File: BF133186.D

Acq: 02 May 2023 13:44

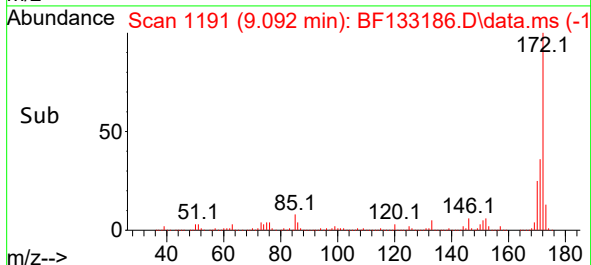
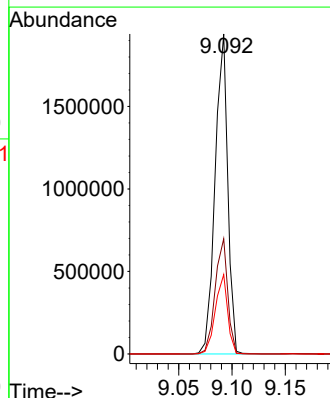
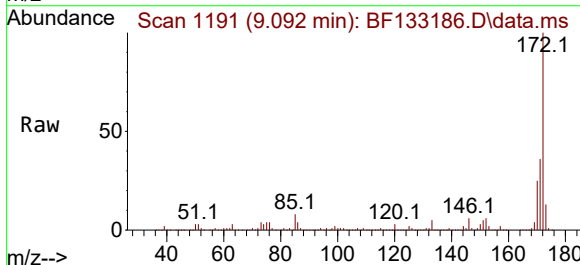
Tgt Ion:172 Resp: 1597903

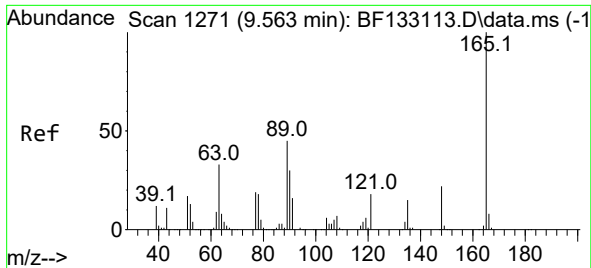
Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.8 19.4 29.2

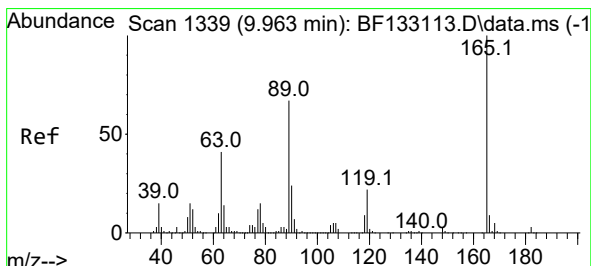
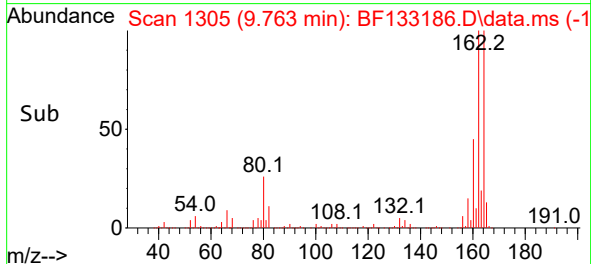
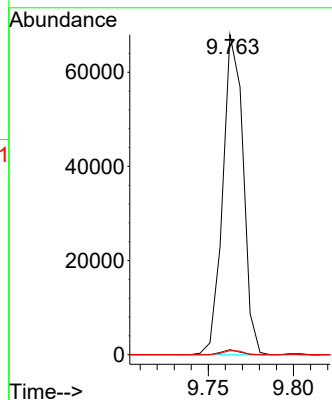
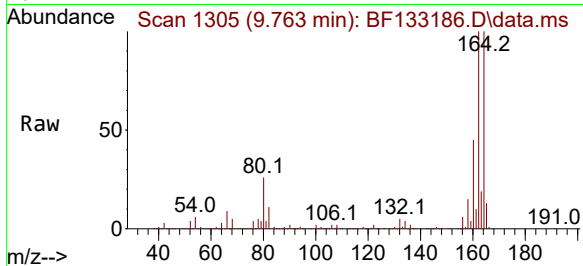




#51
2,6-Dinitrotoluene
Concen: 8.180 ng
RT: 9.763 min Scan# 1305
Delta R.T. 0.206 min
Lab File: BF133186.D
Acq: 02 May 2023 13:44

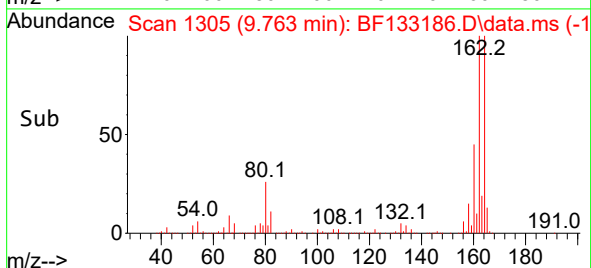
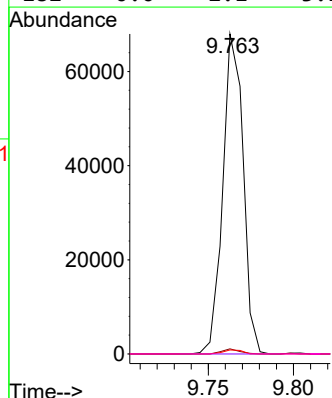
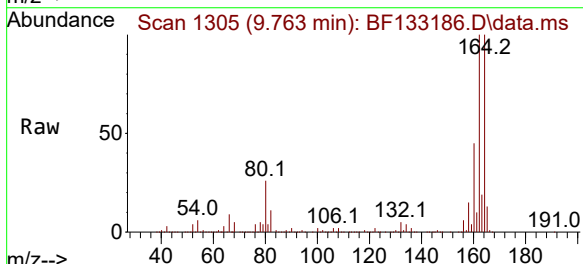
Instrument :
BNA_F
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B-21-SB02

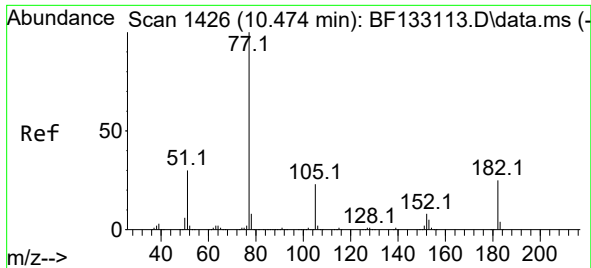
Tgt Ion:165 Resp: 56362
Ion Ratio Lower Upper
165 100
63 1.6 45.9 68.9#
89 1.2 44.0 66.0#



#57
2,4-Dinitrotoluene
Concen: 6.414 ng
RT: 9.763 min Scan# 1305
Delta R.T. -0.200 min
Lab File: BF133186.D
Acq: 02 May 2023 13:44

Tgt Ion:165 Resp: 56362
Ion Ratio Lower Upper
165 100
63 1.6 37.7 56.5#
89 1.2 57.0 85.4#
182 0.0 2.1 3.1#

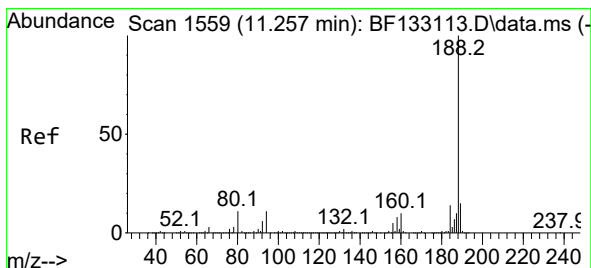
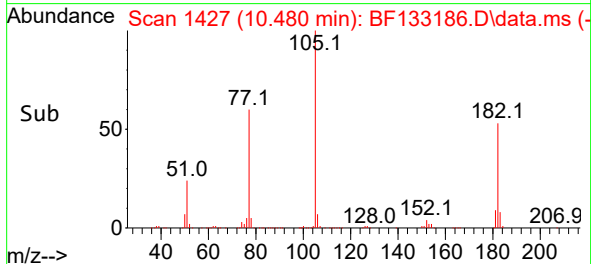
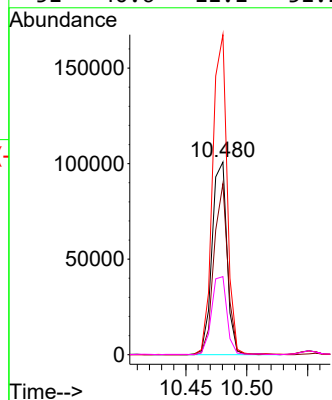
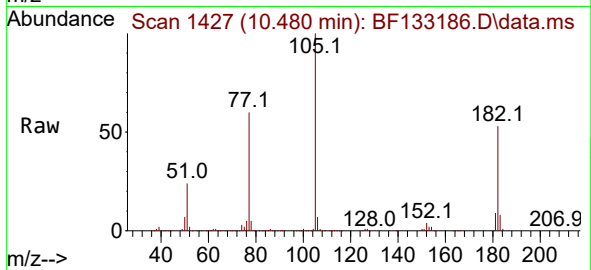




#63
Azobenzene
Concen: 2.826 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF133186.D
Acq: 02 May 2023 13:44

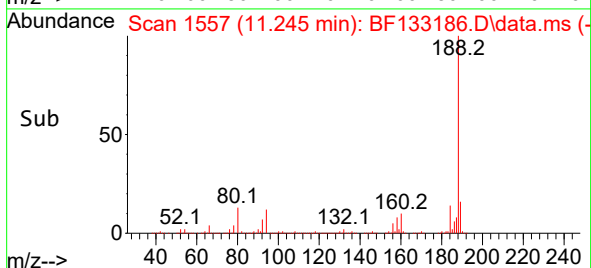
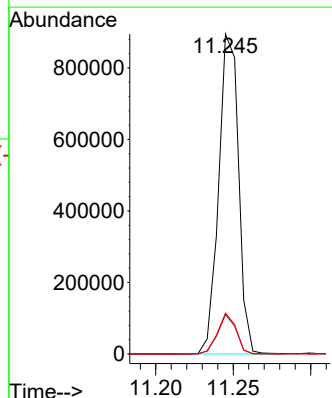
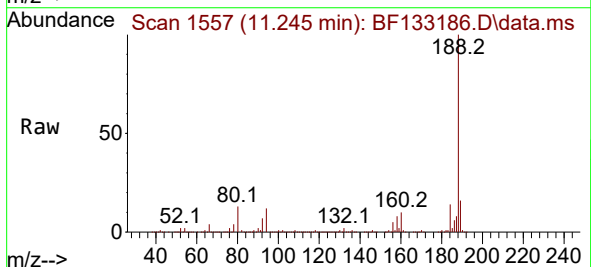
Instrument :
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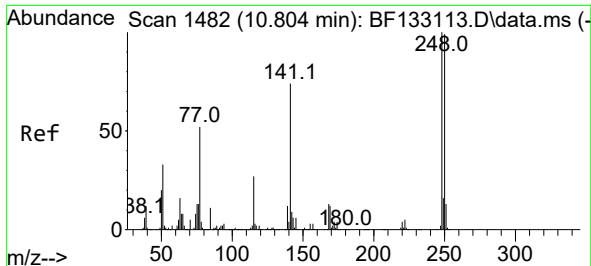
Tgt Ion: 77	Resp: 86571
Ion Ratio	Lower Upper
77 100	
182 88.8	5.9 45.9#
105 166.1	2.3 42.3#
51 40.6	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.006 min
Lab File: BF133186.D
Acq: 02 May 2023 13:44

Tgt Ion: 188	Resp: 797982
Ion Ratio	Lower Upper
188 100	
94 12.3	9.7 14.5
80 12.8	10.4 15.6

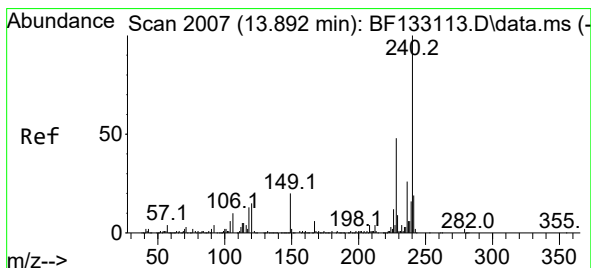
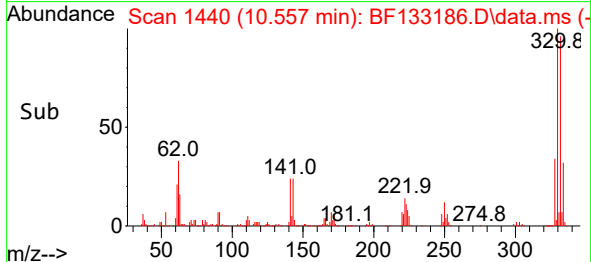
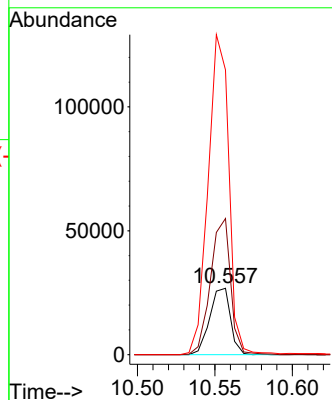
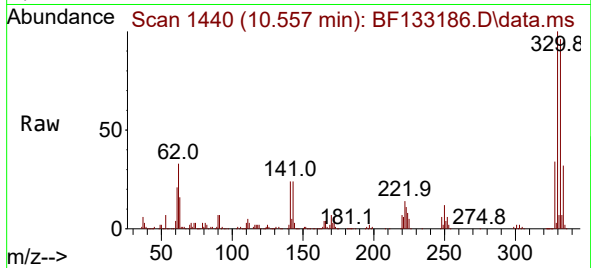




#67
4-Bromophenyl-phenylether
Concen: 2.895 ng
RT: 10.557 min Scan# 1482
Delta R.T. -0.247 min
Lab File: BF133186.D
Acq: 02 May 2023 13:44

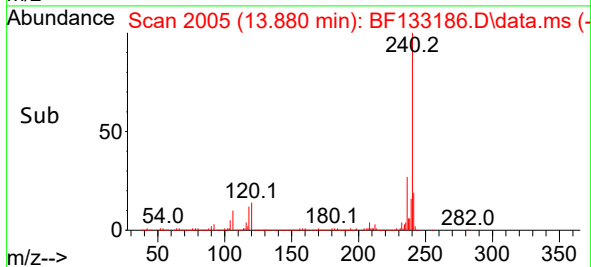
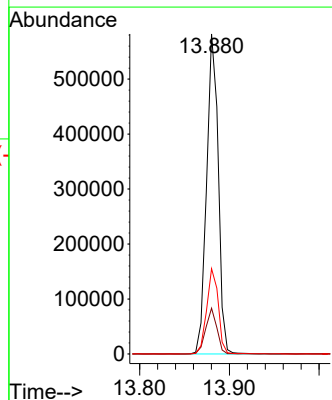
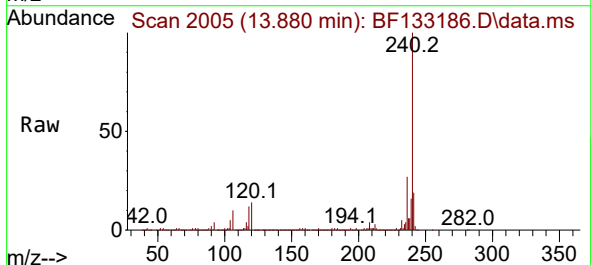
Instrument :
BNA_F
ClientSampleId :
B-21-SB02

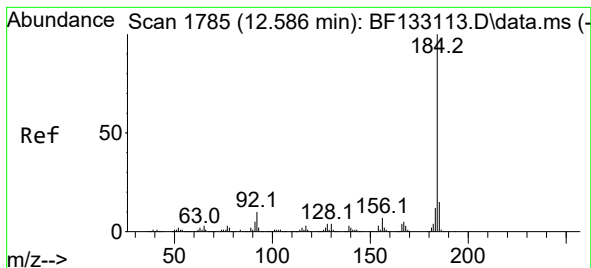
Tgt Ion:248 Resp: 25053
Ion Ratio Lower Upper
248 100
250 205.1 78.7 118.1#
141 428.8 56.3 84.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.880 min Scan# 2005
Delta R.T. -0.012 min
Lab File: BF133186.D
Acq: 02 May 2023 13:44

Tgt Ion:240 Resp: 524928
Ion Ratio Lower Upper
240 100
120 14.3 10.5 15.7
236 26.6 21.5 32.3





#77

Benzidine

Concen: 2.565 ng

RT: 12.839 min Scan# 1828

Delta R.T. 0.253 min

Lab File: BF133186.D

Acq: 02 May 2023 13:44

Instrument :

BNA_F

ClientSampleId :

B-21-SB02

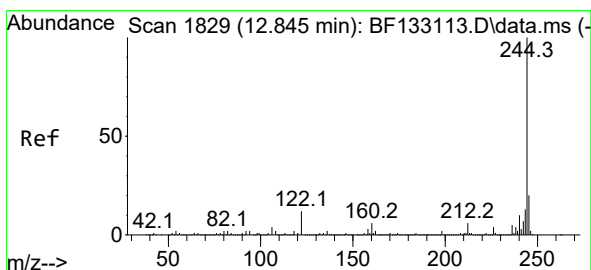
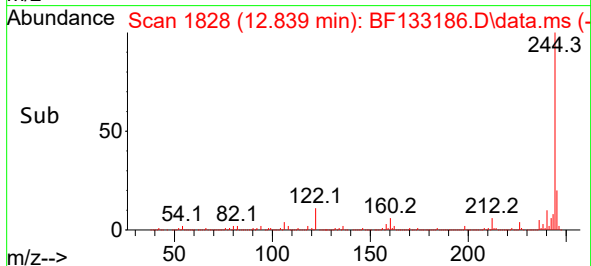
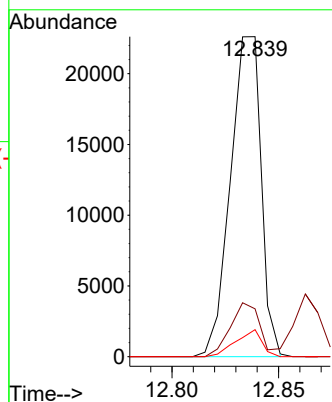
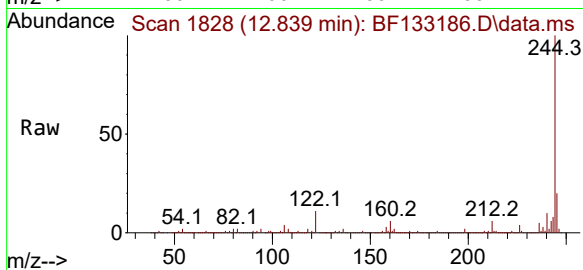
Tgt Ion:184 Resp: 22769

Ion Ratio Lower Upper

184 100

185 15.0 15.4 23.2#

183 8.5 9.4 14.0#



#79

Terphenyl-d14

Concen: 60.617 ng

RT: 12.839 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF133186.D

Acq: 02 May 2023 13:44

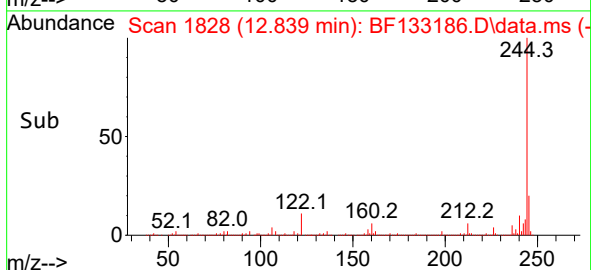
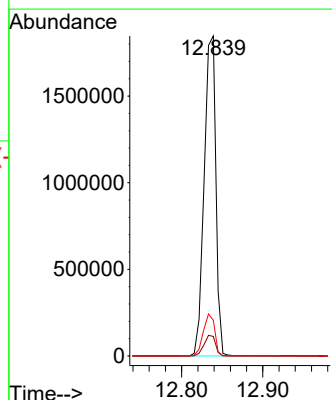
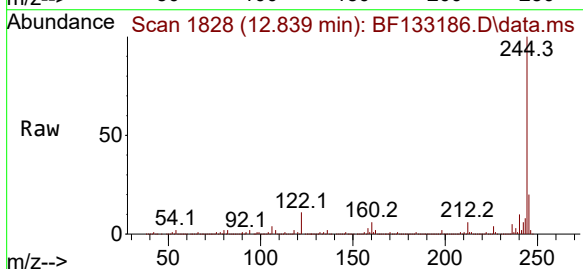
Tgt Ion:244 Resp: 1844983

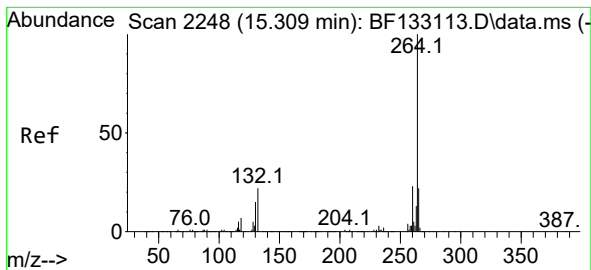
Ion Ratio Lower Upper

244 100

212 6.1 5.1 7.7

122 11.2 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: BF133186.D

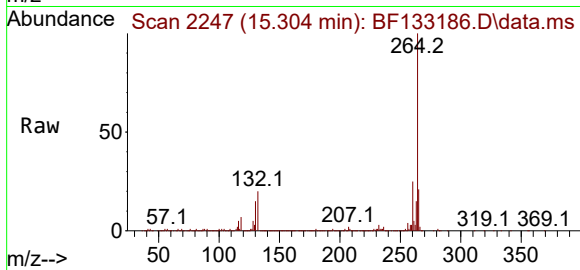
Acq: 02 May 2023 13:44

Instrument :

BNA_F

ClientSampleId :

B-21-SB02



Tgt Ion:264 Resp: 395013

Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 21.3 17.0 25.4

