

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050823\
 Data File : BF133305.D
 Acq On : 08 May 2023 20:45
 Operator : CG\JU
 Sample : 02622-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2264

Quant Time: May 09 05:08:33 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)

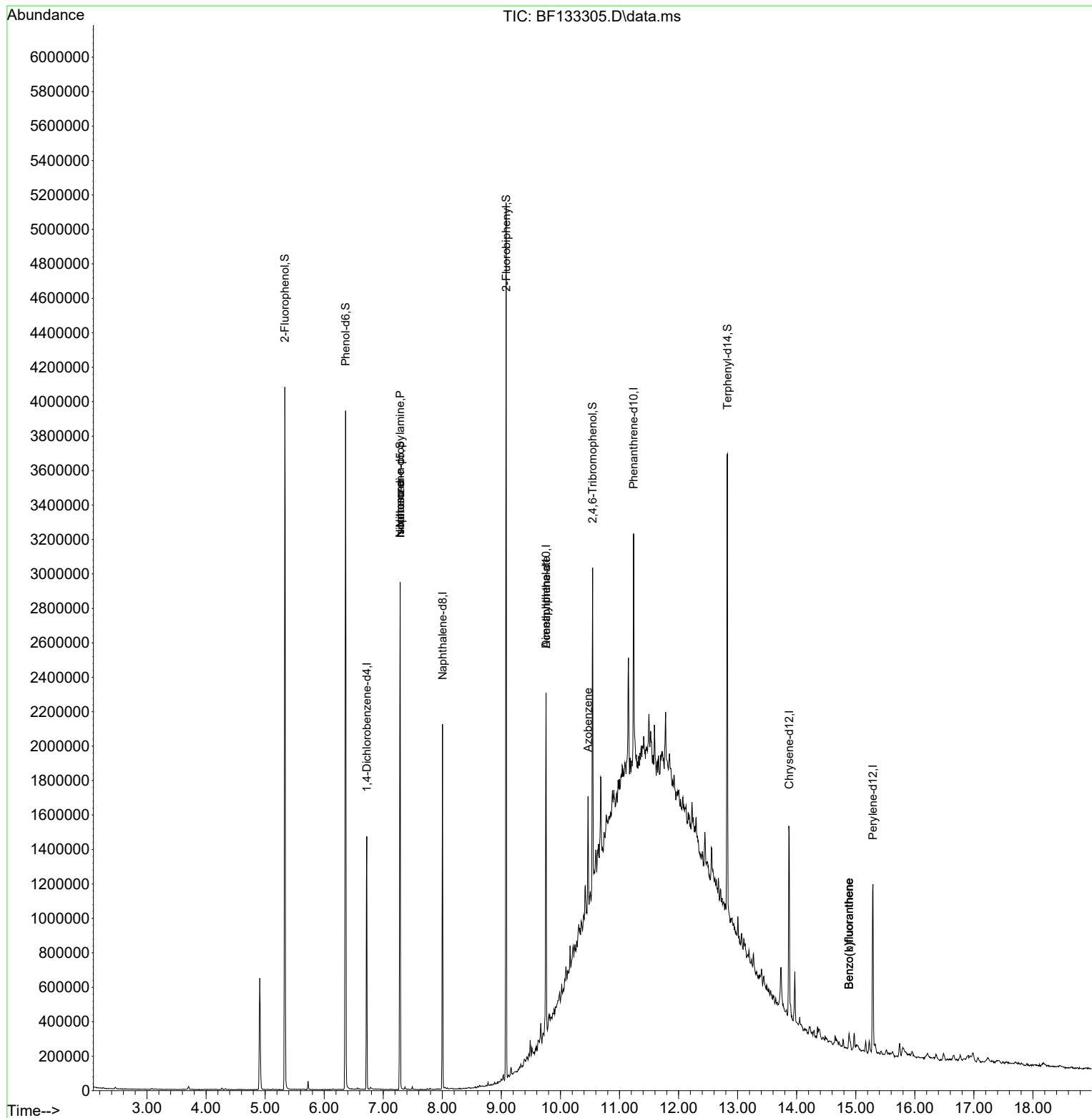
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	200731	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	775195	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	369589	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	500352	20.000	ng	0.00
76) Chrysene-d12	13.874	240	367040	20.000	ng	0.00
86) Perylene-d12	15.292	264	430027	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1175273	88.446	ng	0.00
7) Phenol-d6	6.363	99	1390586	84.312	ng	0.00
23) Nitrobenzene-d5	7.287	82	838167	58.362	ng	0.00
42) 2,4,6-Tribromophenol	10.545	330	235548	63.372	ng	0.00
45) 2-Fluorobiphenyl	9.081	172	1393670	63.087	ng	0.00
79) Terphenyl-d14	12.827	244	1026948	48.255	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.269	77	242	Below Cal	#	40
19) n-Nitroso-di-n-propyla...	7.287	70	110046	10.717	ng	# 77
25) Isophorone	7.287	82	838158	30.738	ng	# 63
50) Dimethylphthalate	9.757	163	77273	2.998	ng	# 1
63) Azobenzene	10.469	77	99341	3.852	ng	# 1
88) Benzo(b)fluoranthene	14.886	252	55590	2.032	ng	# 91
89) Benzo(k)fluoranthene	14.886	252	55590	2.050	ng	# 91

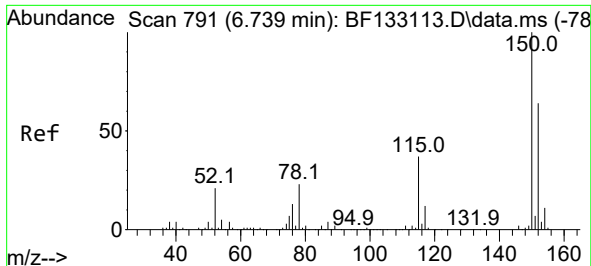
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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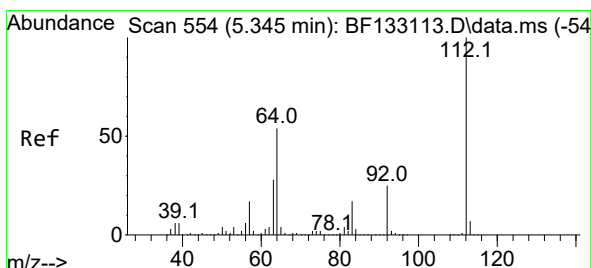
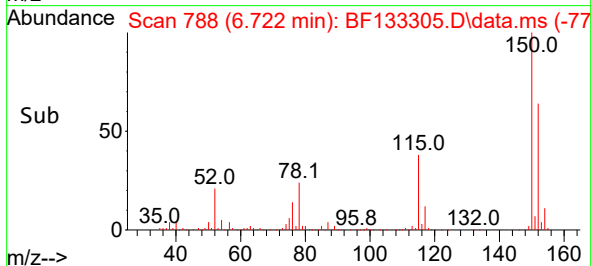
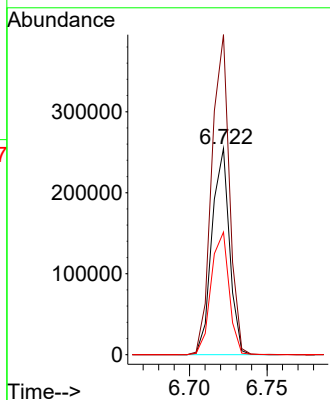
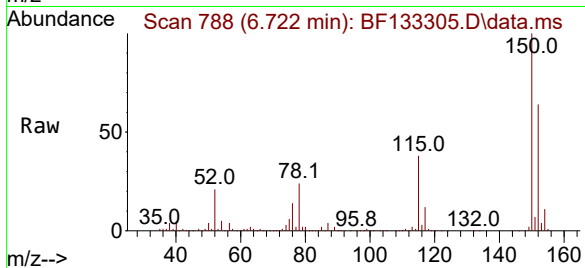




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133305.D
Acq: 08 May 2023 20:45

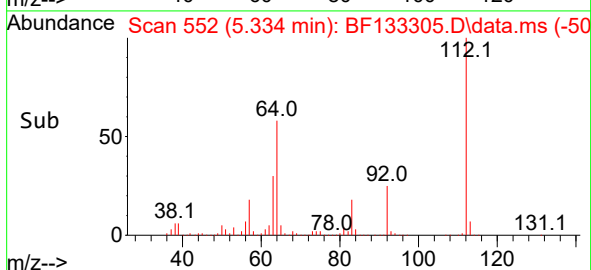
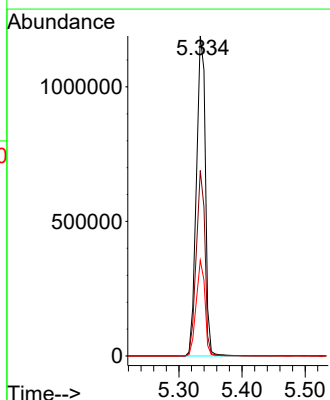
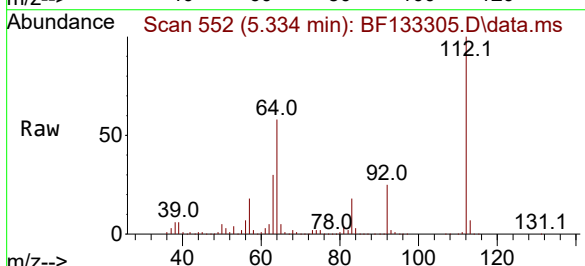
Instrument :
BNA_F
ClientSampleId :
2264

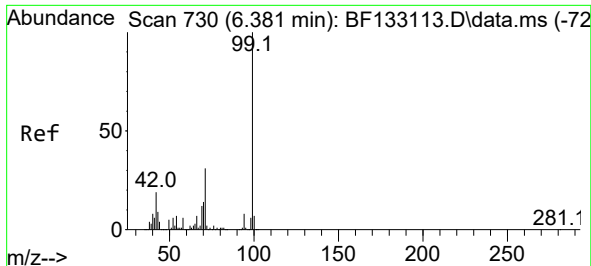
Tgt Ion:152 Resp: 200731
Ion Ratio Lower Upper
152 100
150 155.2 124.8 187.2
115 59.4 49.9 74.9



#5
2-Fluorophenol
Concen: 88.446 ng
RT: 5.334 min Scan# 552
Delta R.T. 0.006 min
Lab File: BF133305.D
Acq: 08 May 2023 20:45

Tgt Ion:112 Resp: 1175273
Ion Ratio Lower Upper
112 100
64 57.9 46.8 70.2
63 29.9 23.8 35.8

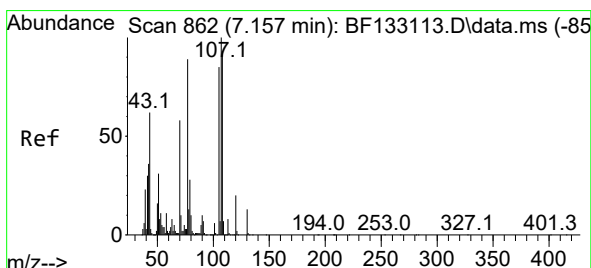
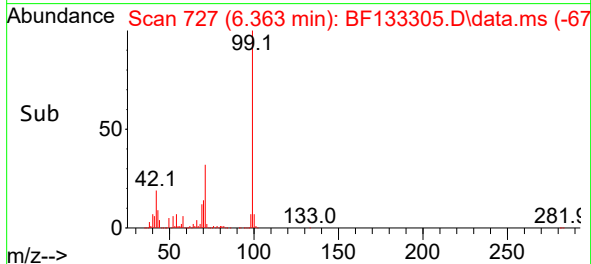
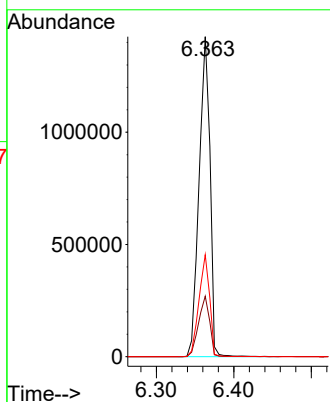
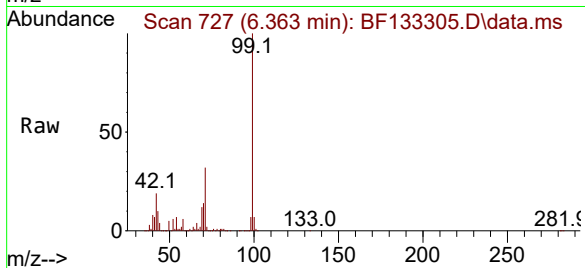




#7
Phenol-d6
Concen: 84.312 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133305.D
Acq: 08 May 2023 20:45

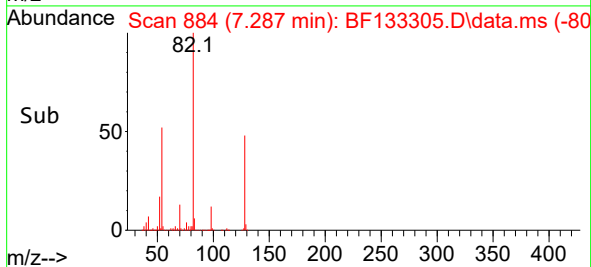
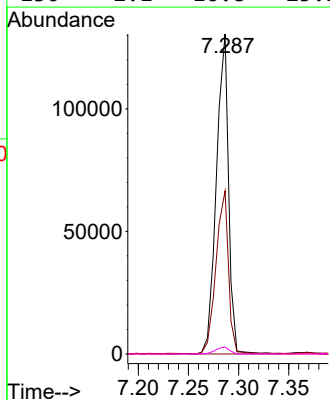
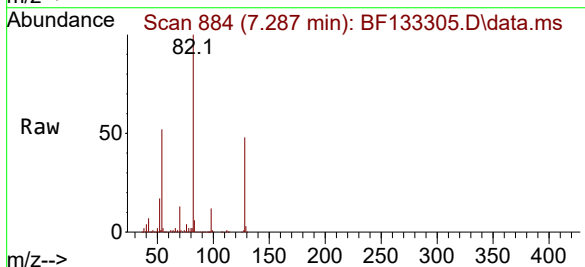
Instrument :
BNA_F
ClientSampleId :
2264

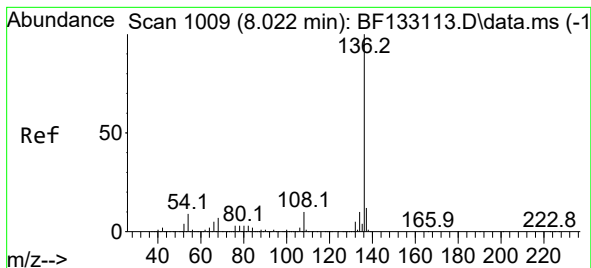
Tgt Ion: 99 Resp: 1390586
Ion Ratio Lower Upper
99 100
42 18.9 16.3 24.5
71 31.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.717 ng
RT: 7.287 min Scan# 884
Delta R.T. 0.141 min
Lab File: BF133305.D
Acq: 08 May 2023 20:45

Tgt Ion: 70 Resp: 110046
Ion Ratio Lower Upper
70 100
42 50.9 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# 1006

Delta R.T. -0.006 min

Lab File: BF133305.D

Acq: 08 May 2023 20:45

Instrument :

BNA_F

ClientSampleId :

2264

Tgt Ion:136 Resp: 775195

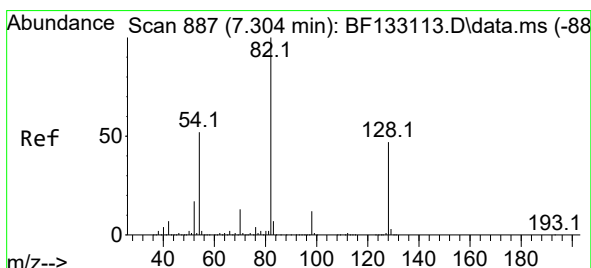
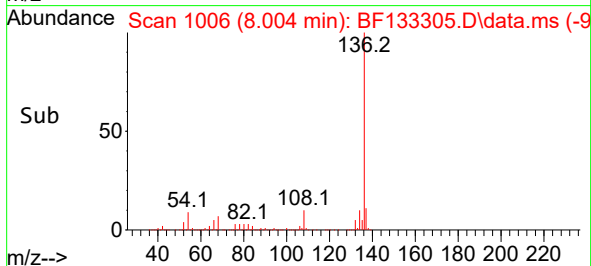
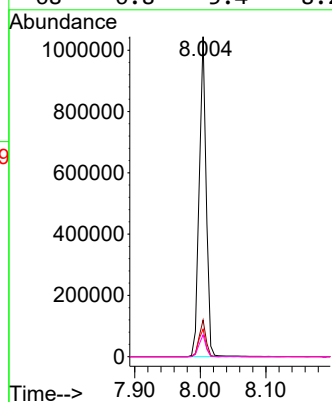
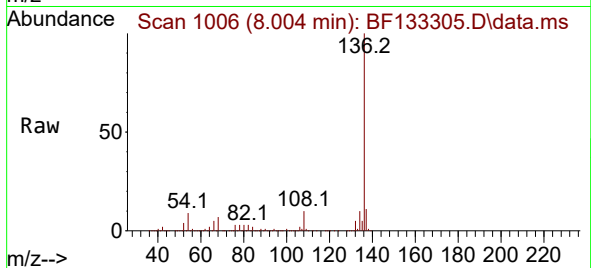
Ion Ratio Lower Upper

136 100

137 11.5 8.6 13.0

54 8.6 7.0 10.4

68 6.8 5.4 8.2



#23

Nitrobenzene-d5

Concen: 58.362 ng

RT: 7.287 min Scan# 884

Delta R.T. -0.006 min

Lab File: BF133305.D

Acq: 08 May 2023 20:45

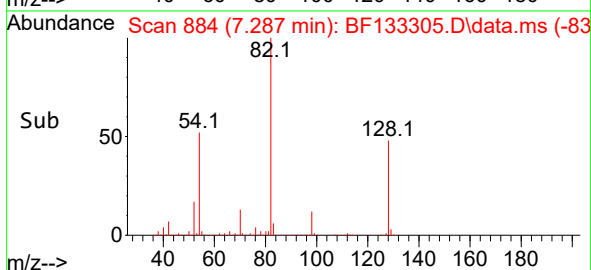
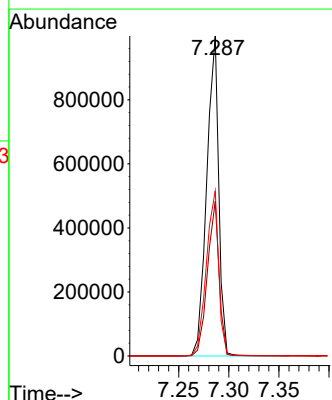
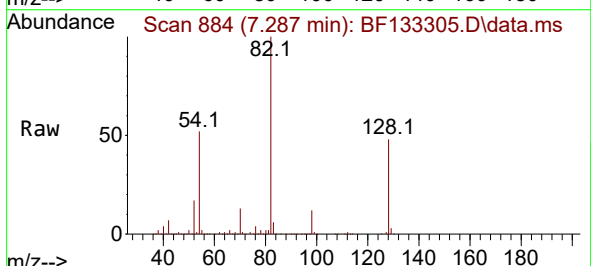
Tgt Ion: 82 Resp: 838167

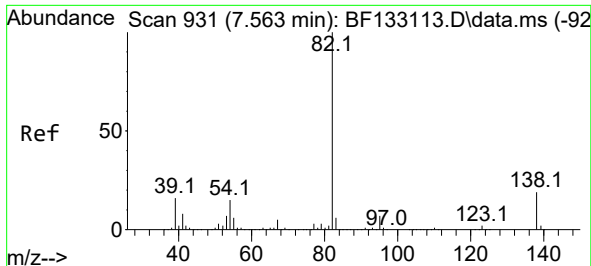
Ion Ratio Lower Upper

82 100

128 48.3 37.7 56.5

54 51.5 43.0 64.4

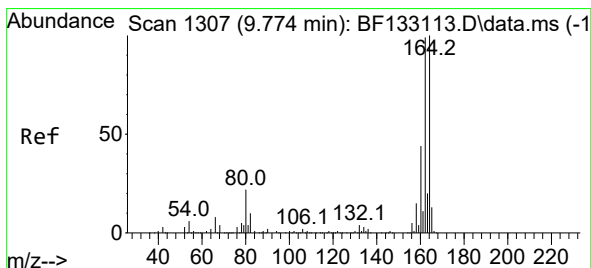
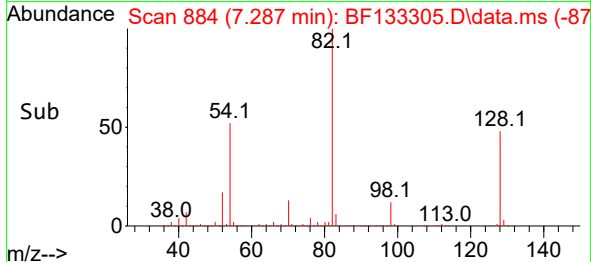
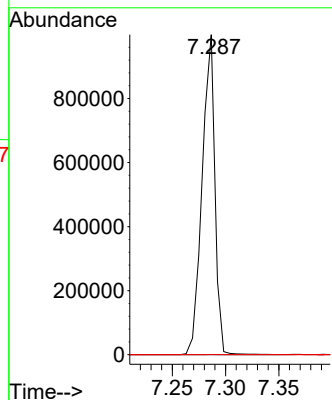
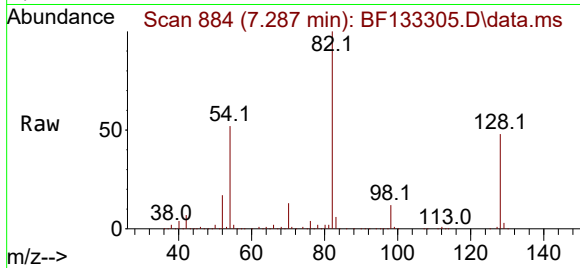




#25
Isophorone
Concen: 30.738 ng
RT: 7.287 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF133305.D
Acq: 08 May 2023 20:45

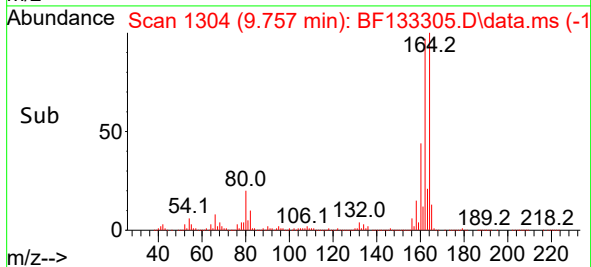
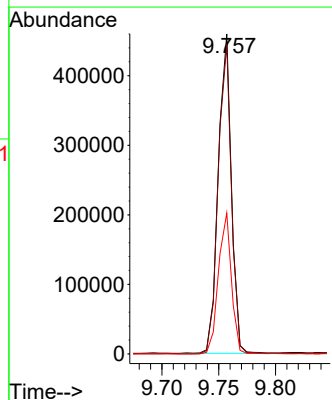
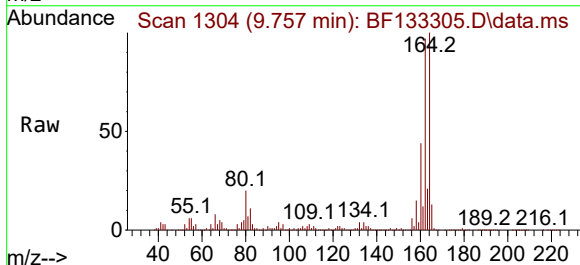
Instrument :
BNA_F
ClientSampleId :
2264

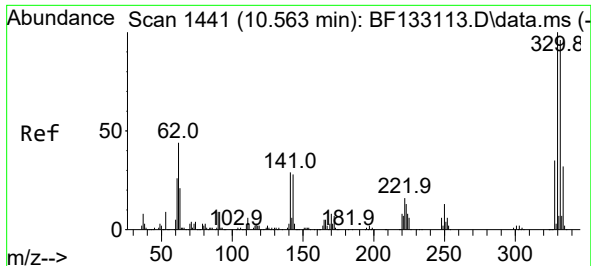
Tgt Ion: 82 Resp: 838158
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133305.D
Acq: 08 May 2023 20:45

Tgt Ion:164 Resp: 369589
Ion Ratio Lower Upper
164 100
162 96.7 78.7 118.1
160 44.1 35.8 53.6

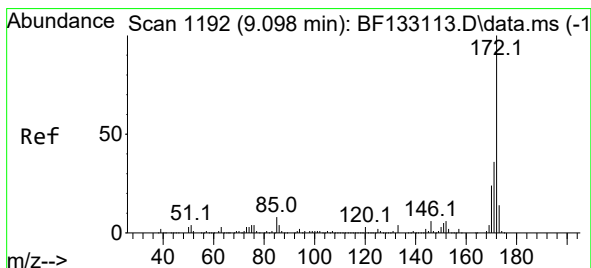
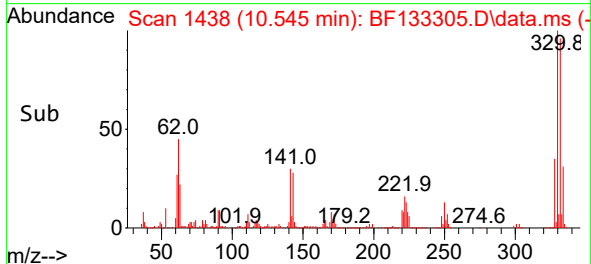
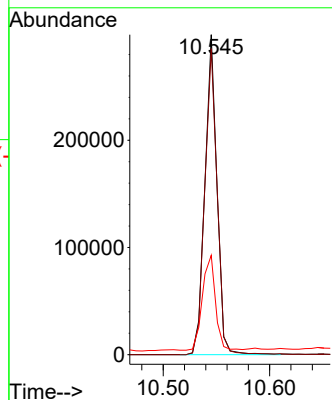
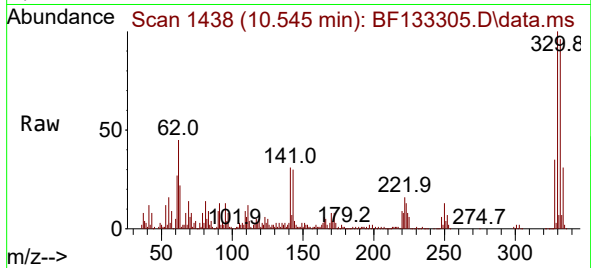




#42
2,4,6-Tribromophenol
Concen: 63.372 ng
RT: 10.545 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF133305.D
Acq: 08 May 2023 20:45

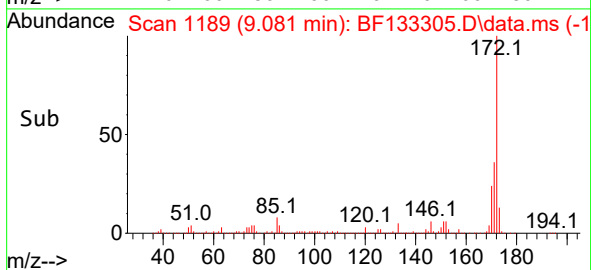
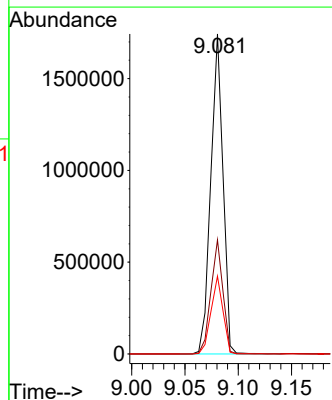
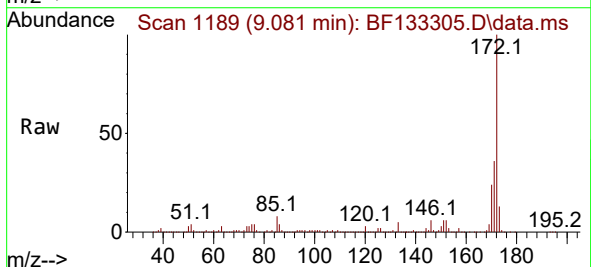
Instrument :
BNA_F
ClientSampleId :
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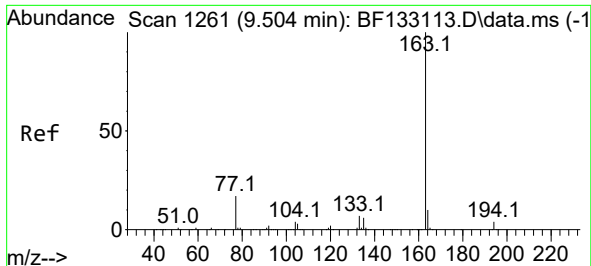
Tgt Ion:330 Resp: 235548
Ion Ratio Lower Upper
330 100
332 98.2 77.1 115.7
141 32.1 25.8 38.8



#45
2-Fluorobiphenyl
Concen: 63.087 ng
RT: 9.081 min Scan# 1189
Delta R.T. -0.006 min
Lab File: BF133305.D
Acq: 08 May 2023 20:45

Tgt Ion:172 Resp: 1393670
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 24.3 19.4 29.2

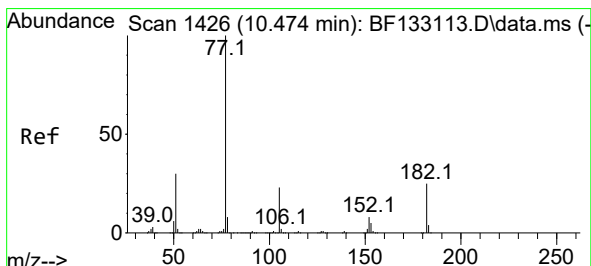
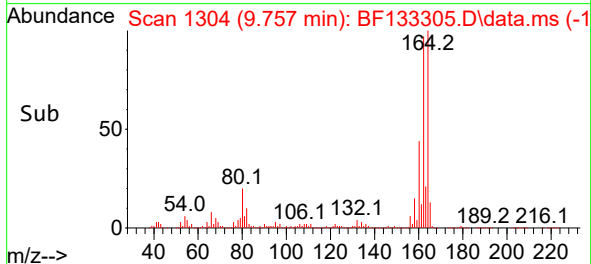
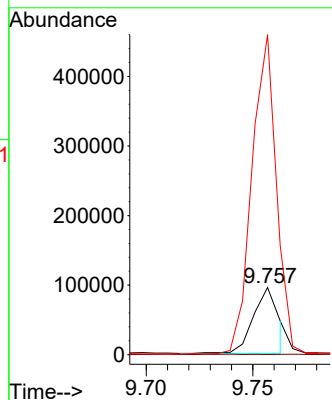
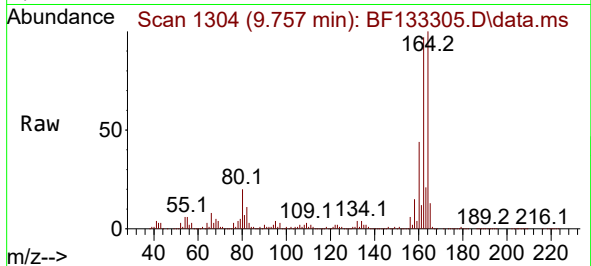




#50
Dimethylphthalate
Concen: 2.998 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.265 min
Lab File: BF133305.D
Acq: 08 May 2023 20:45

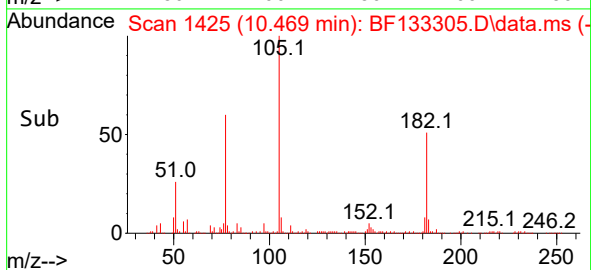
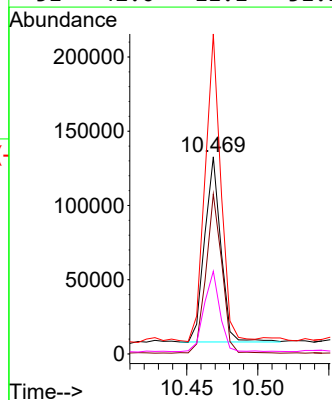
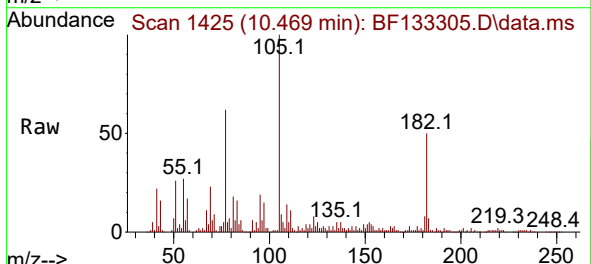
Instrument :
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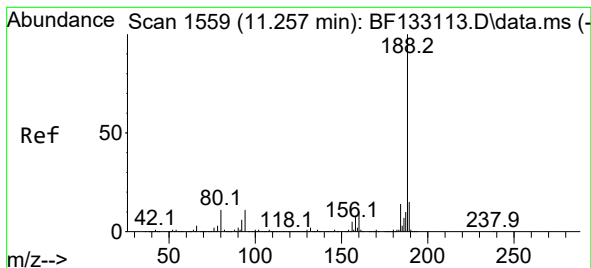
Tgt Ion:163 Resp: 77273
Ion Ratio Lower Upper
163 100
194 0.3 3.1 4.7#
164 475.7 8.5 12.7#



#63
Azobenzene
Concen: 3.852 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF133305.D
Acq: 08 May 2023 20:45

Tgt Ion: 77 Resp: 99341
Ion Ratio Lower Upper
77 100
182 81.1 5.9 45.9#
105 162.3 2.3 42.3#
51 42.0 11.1 51.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133305.D

Acq: 08 May 2023 20:45

Instrument :

BNA_F

ClientSampleId :

2264

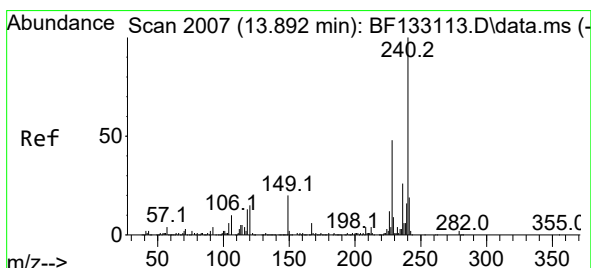
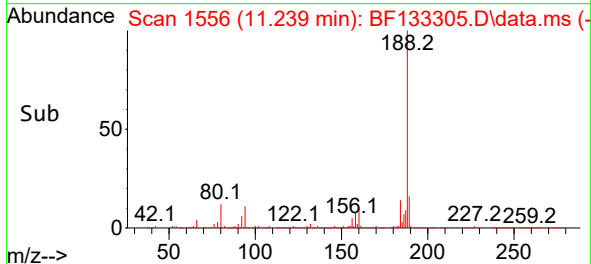
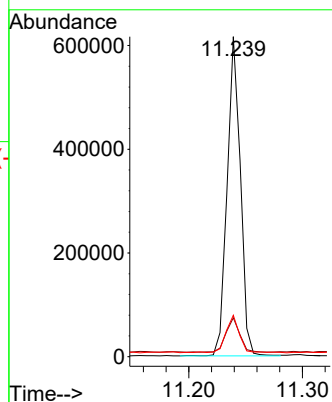
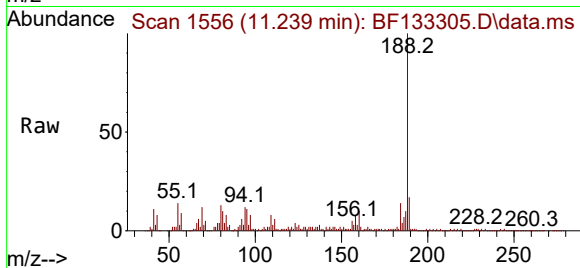
Tgt Ion:188 Resp: 500352

Ion Ratio Lower Upper

188 100

94 12.1 9.7 14.5

80 13.0 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: BF133305.D

Acq: 08 May 2023 20:45

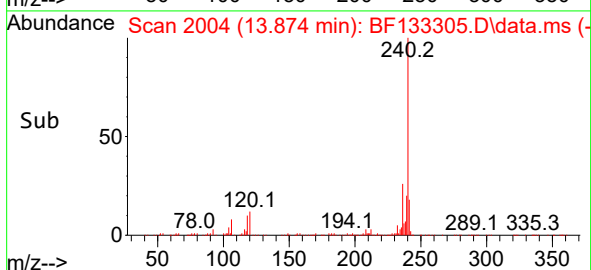
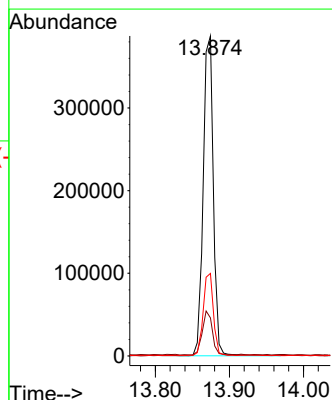
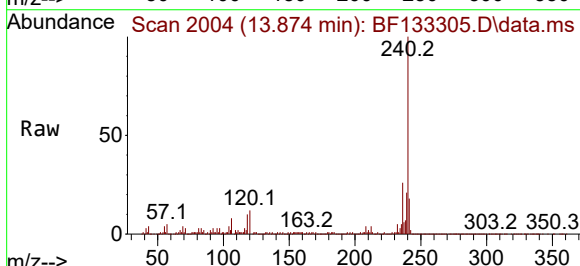
Tgt Ion:240 Resp: 367040

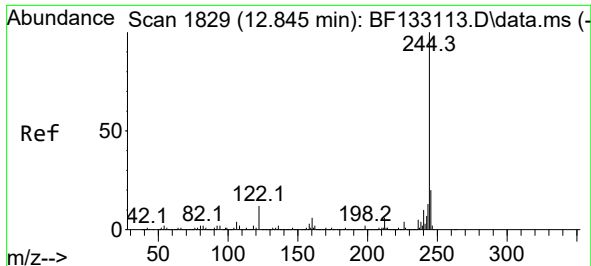
Ion Ratio Lower Upper

240 100

120 11.9 10.5 15.7

236 25.8 21.5 32.3

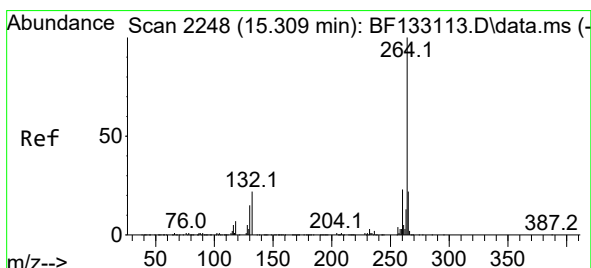
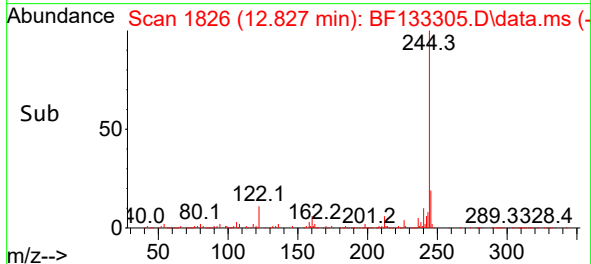
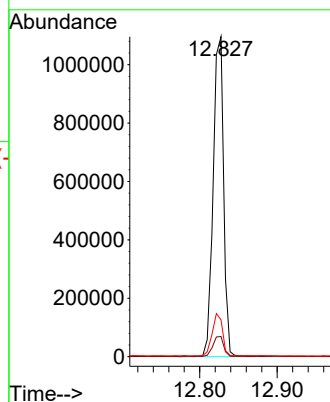
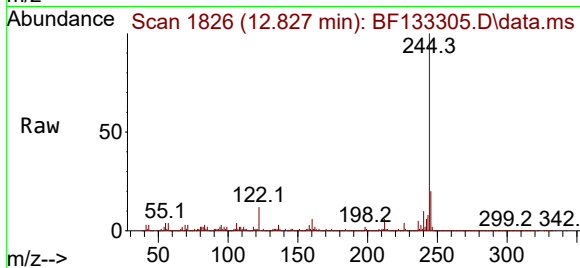




#79
 Terphenyl-d14
 Concen: 48.255 ng
 RT: 12.827 min Scan# 1826
 Delta R.T. -0.006 min
 Lab File: BF133305.D
 Acq: 08 May 2023 20:45

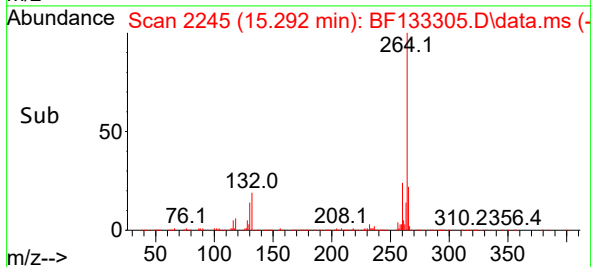
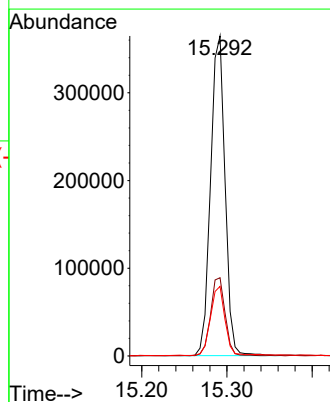
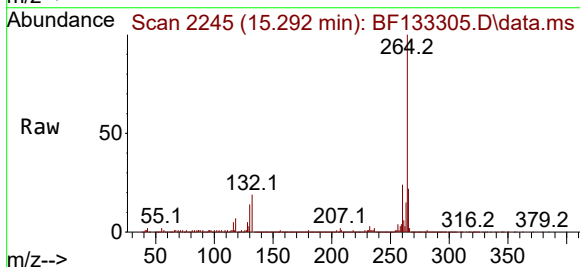
Instrument :
 BNA_F
 ClientSampleId :
 2264

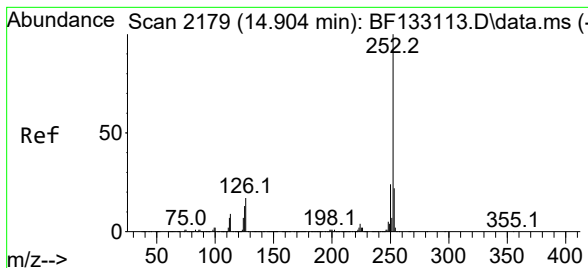
Tgt Ion:244 Resp: 1026948
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.1 7.7
 122 11.6 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.292 min Scan# 2245
 Delta R.T. 0.000 min
 Lab File: BF133305.D
 Acq: 08 May 2023 20:45

Tgt Ion:264 Resp: 430027
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.8 28.2
 265 21.8 17.0 25.4





#88

Benzo(b)fluoranthene

Concen: 2.032 ng

RT: 14.886 min Scan# 2176

Delta R.T. -0.006 min

Lab File: BF133305.D

Acq: 08 May 2023 20:45

Instrument :

BNA_F

ClientSampleId :

2264

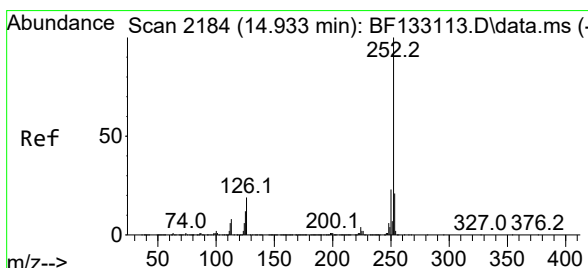
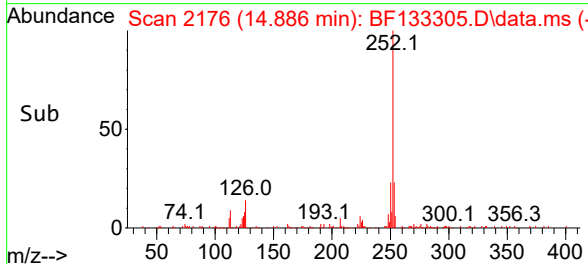
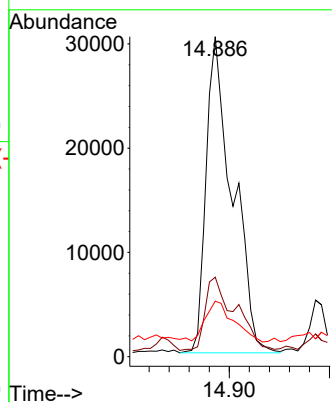
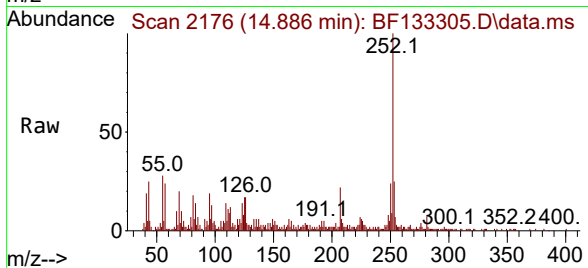
Tgt Ion:252 Resp: 55590

Ion Ratio Lower Upper

252 100

253 24.9 17.6 26.4

125 17.3 8.9 13.3#



#89

Benzo(k)fluoranthene

Concen: 2.050 ng

RT: 14.886 min Scan# 2176

Delta R.T. -0.035 min

Lab File: BF133305.D

Acq: 08 May 2023 20:45

Tgt Ion:252 Resp: 55590

Ion Ratio Lower Upper

252 100

253 24.9 17.7 26.5

125 17.3 9.0 13.4#

