

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050523\
 Data File : BF133286.D
 Acq On : 06 May 2023 03:08
 Operator : CG\JU
 Sample : 02622-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2264

Quant Time: May 06 05:55:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 05 10:49:34 2023
 Response via : Initial Calibration

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

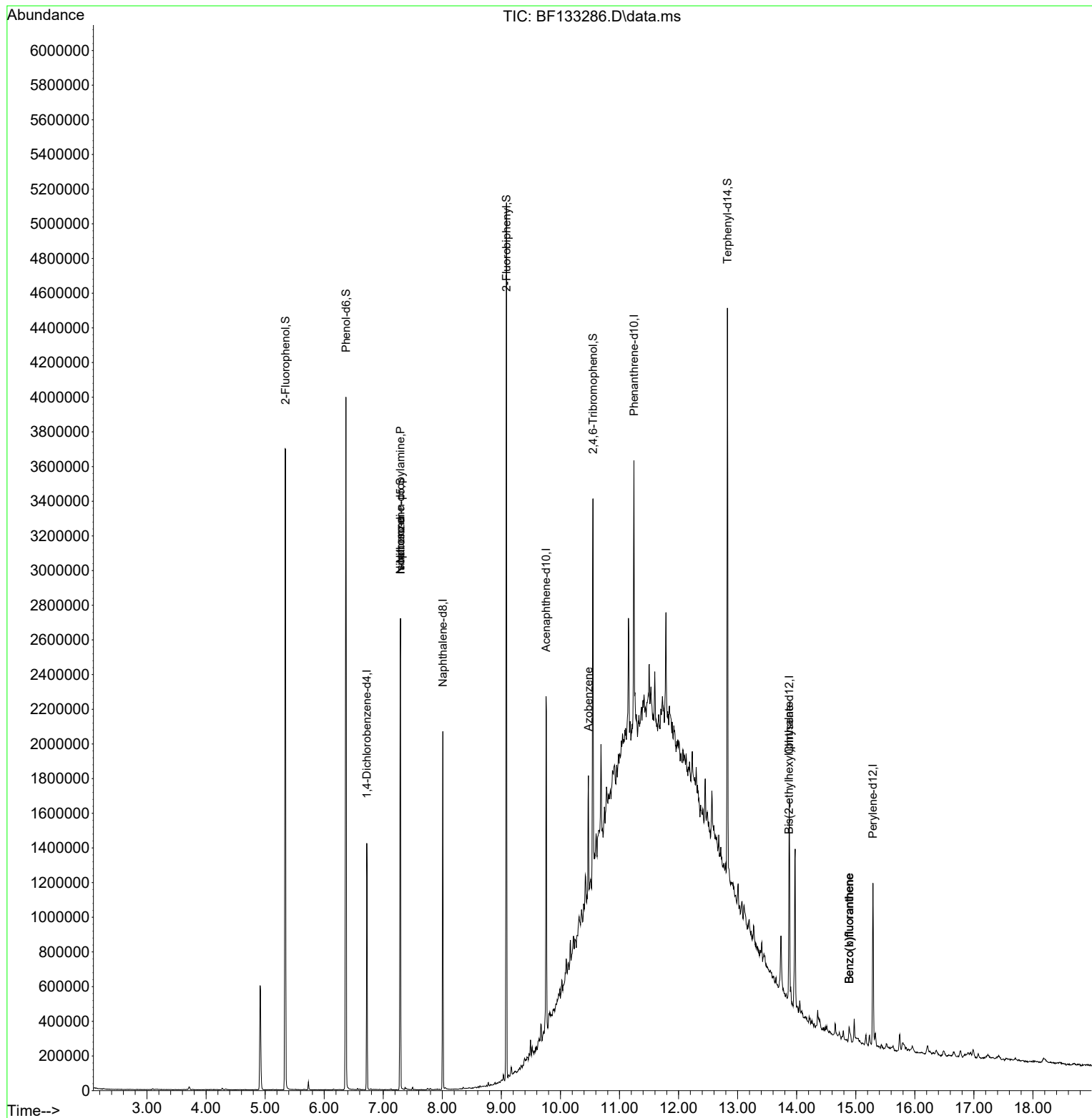
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	197834	20.000	ng	0.00
21) Naphthalene-d8	8.010	136	784223	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	393994	20.000	ng	0.00
64) Phenanthrene-d10	11.245	188	571880	20.000	ng	0.00
76) Chrysene-d12	13.874	240	364178	20.000	ng	0.00
86) Perylene-d12	15.292	264	382949	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.345	112	1160836	88.638	ng	0.01
7) Phenol-d6	6.369	99	1420604	87.394	ng	0.00
23) Nitrobenzene-d5	7.292	82	841875	57.945	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	301629	76.124	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	1406194	59.711	ng	0.00
79) Terphenyl-d14	12.827	244	1159114	54.893	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.269	77	277	Below Cal	#	76
19) n-Nitroso-di-n-propyla...	7.292	70	111123	10.981	ng	# 75
25) Isophorone	7.292	82	841866	30.519	ng	# 63
63) Azobenzene	10.475	77	118359	4.306	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.868	149	28282	2.038	ng	# 94
88) Benzo(b)fluoranthene	14.892	252	51769	2.125	ng	# 88
89) Benzo(k)fluoranthene	14.892	252	51769	2.144	ng	# 88

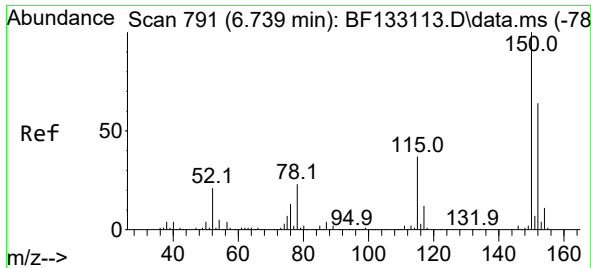
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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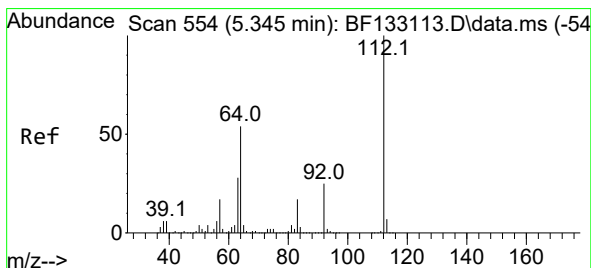
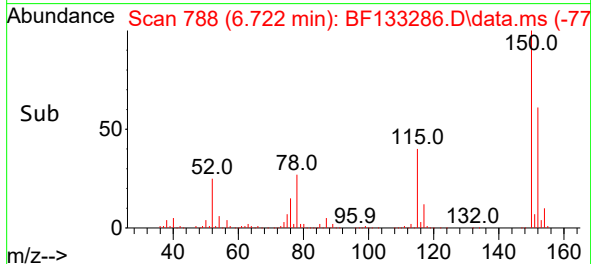
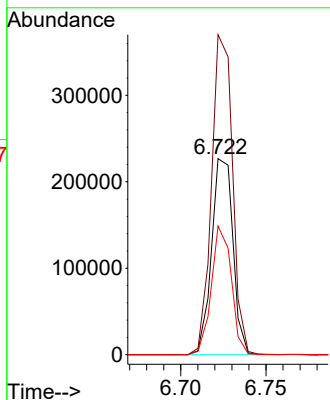
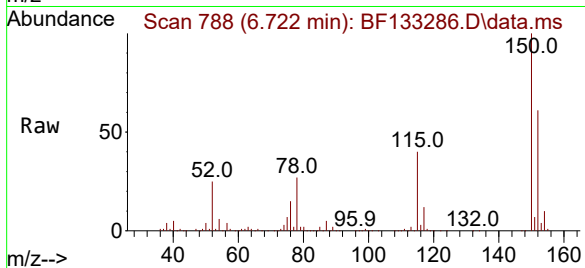




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.722 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: BF133286.D
 Acq: 06 May 2023 03:08

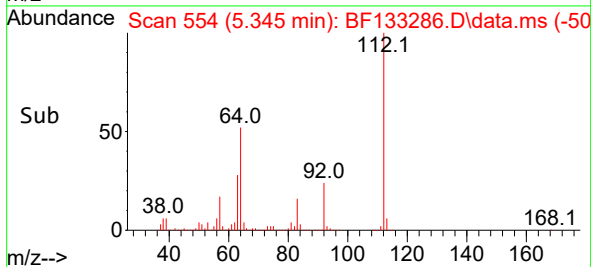
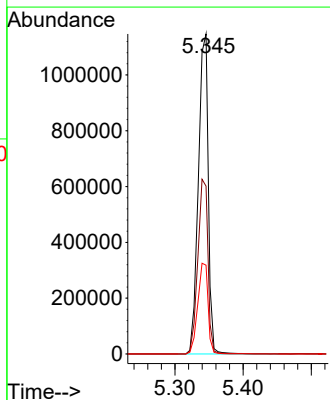
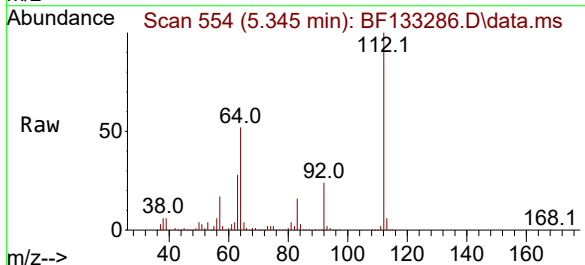
Instrument :
 BNA_F
 ClientSampleId :
 2264

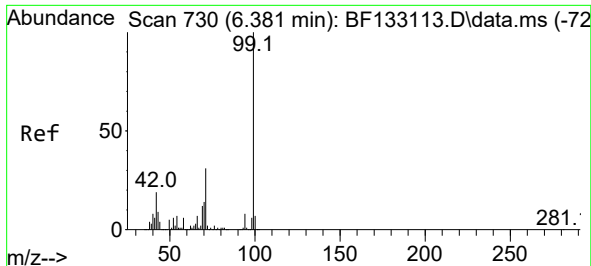
Tgt Ion:152 Resp: 197834
 Ion Ratio Lower Upper
 152 100
 150 163.3 124.8 187.2
 115 65.7 49.9 74.9



#5
 2-Fluorophenol
 Concen: 88.638 ng
 RT: 5.345 min Scan# 554
 Delta R.T. 0.012 min
 Lab File: BF133286.D
 Acq: 06 May 2023 03:08

Tgt Ion:112 Resp: 1160836
 Ion Ratio Lower Upper
 112 100
 64 52.4 46.8 70.2
 63 27.8 23.8 35.8

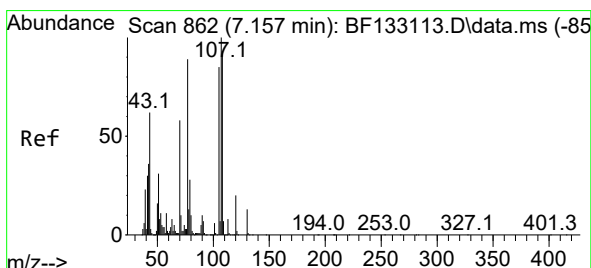
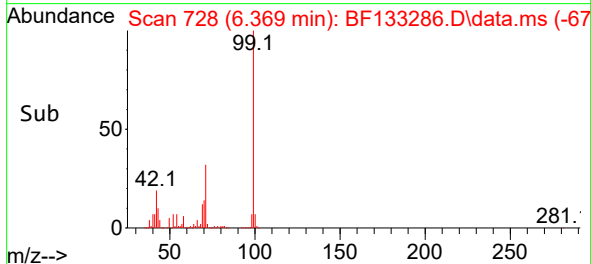
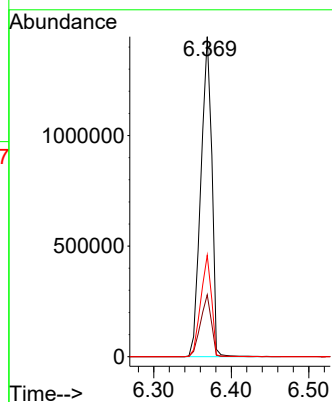
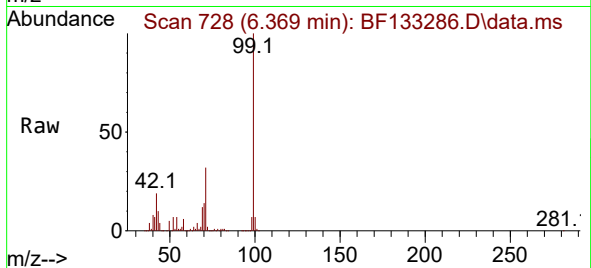




#7
Phenol-d6
Concen: 87.394 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133286.D
Acq: 06 May 2023 03:08

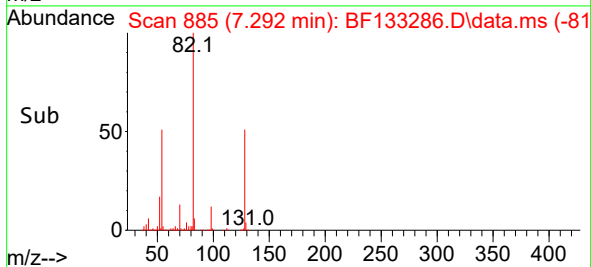
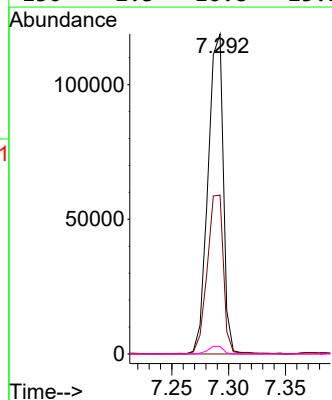
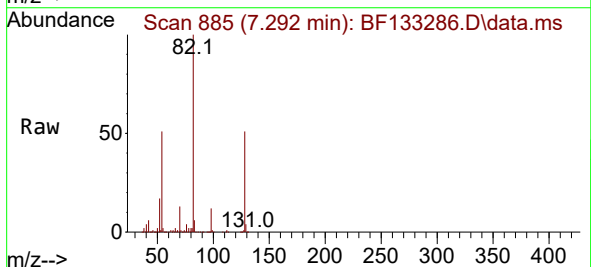
Instrument :
BNA_F
ClientSampleId :
2264

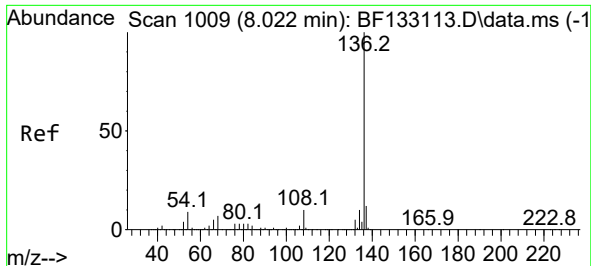
Tgt Ion: 99 Resp: 1420604
Ion Ratio Lower Upper
99 100
42 19.3 16.3 24.5
71 31.7 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 10.981 ng
RT: 7.292 min Scan# 885
Delta R.T. 0.141 min
Lab File: BF133286.D
Acq: 06 May 2023 03:08

Tgt Ion: 70 Resp: 111123
Ion Ratio Lower Upper
70 100
42 49.6 51.8 77.6#
101 0.0 8.0 12.0#
130 2.3 16.8 25.2#

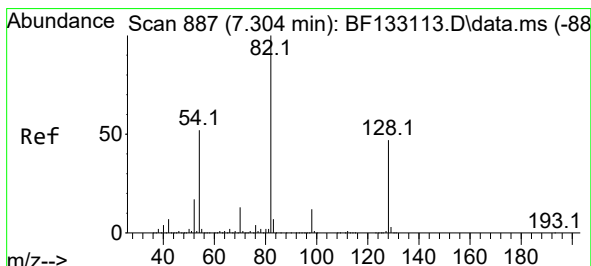
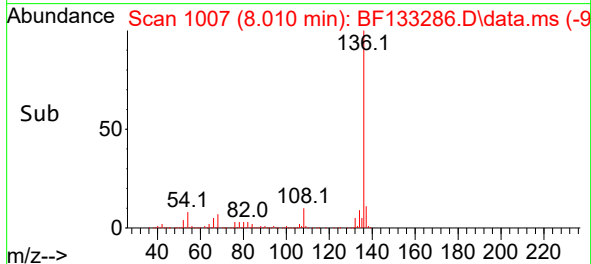
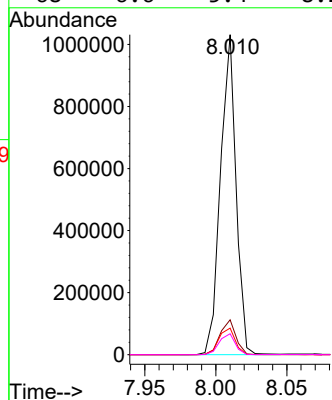
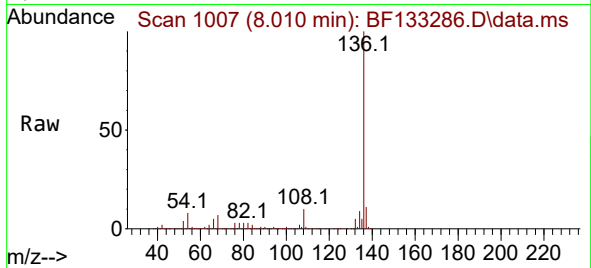




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.010 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF133286.D
Acq: 06 May 2023 03:08

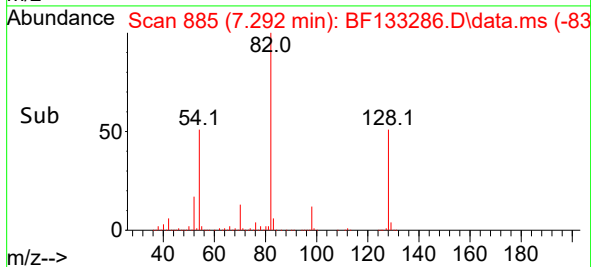
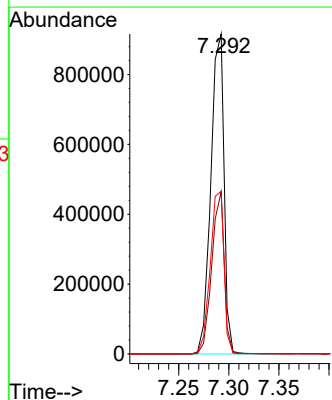
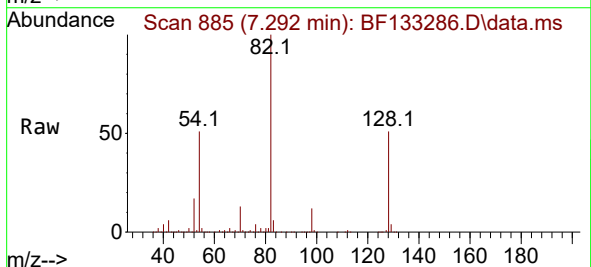
Instrument :
BNA_F
ClientSampleId :
2264

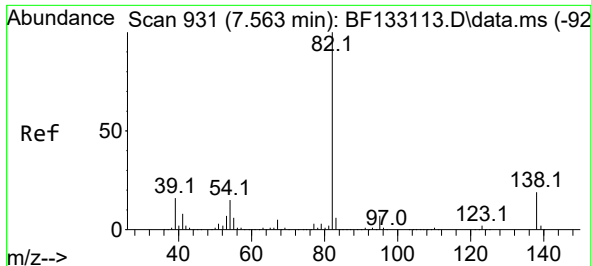
Tgt Ion:136 Resp: 784223
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 8.3 7.0 10.4
68 6.6 5.4 8.2



#23
Nitrobenzene-d5
Concen: 57.945 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF133286.D
Acq: 06 May 2023 03:08

Tgt Ion: 82 Resp: 841875
Ion Ratio Lower Upper
82 100
128 50.6 37.7 56.5
54 50.9 43.0 64.4

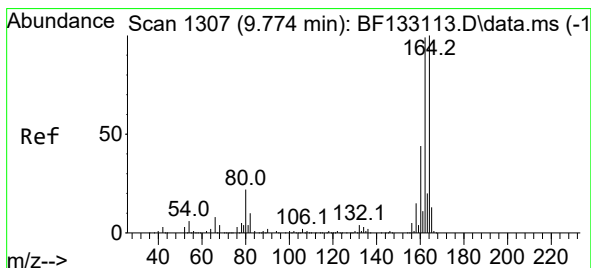
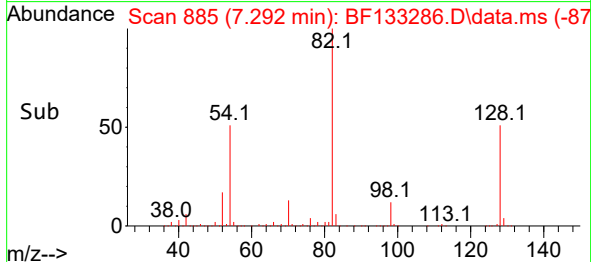
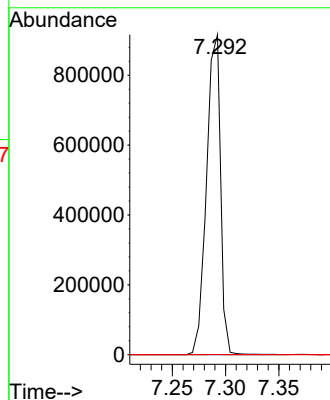
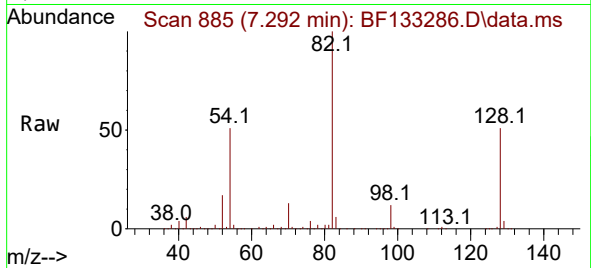




#25
Isophorone
Concen: 30.519 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF133286.D
Acq: 06 May 2023 03:08

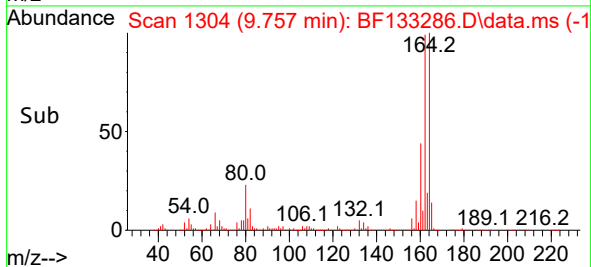
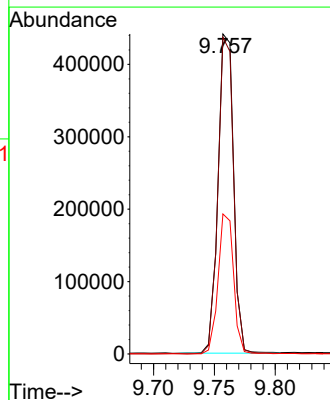
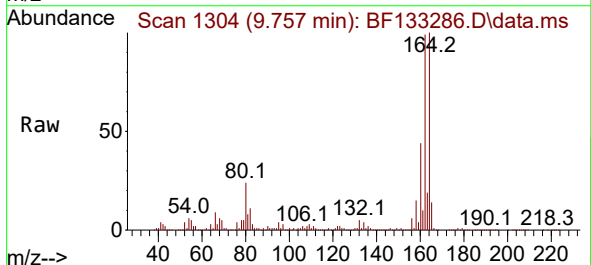
Instrument :
BNA_F
ClientSampleId :
2264

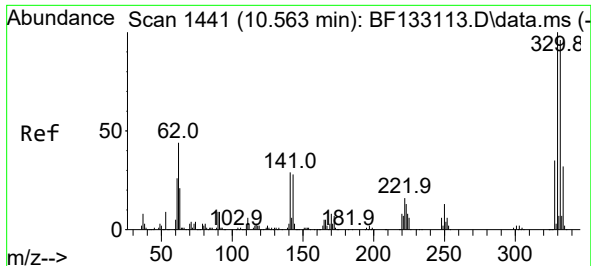
Tgt Ion: 82 Resp: 841866
Ion Ratio Lower Upper
82 100
95 0.0 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.757 min Scan# 1304
Delta R.T. -0.006 min
Lab File: BF133286.D
Acq: 06 May 2023 03:08

Tgt Ion:164 Resp: 393994
Ion Ratio Lower Upper
164 100
162 99.0 78.7 118.1
160 43.7 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 76.124 ng

RT: 10.551 min Scan# 1441

Delta R.T. -0.006 min

Lab File: BF133286.D

Acq: 06 May 2023 03:08

Instrument :

BNA_F

ClientSampleId :

2264

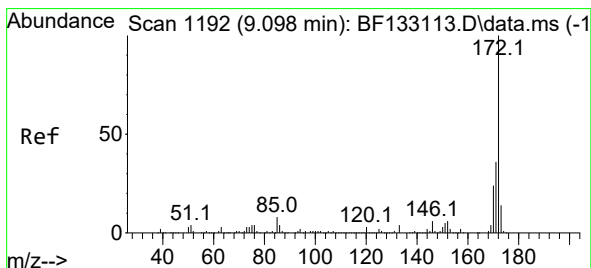
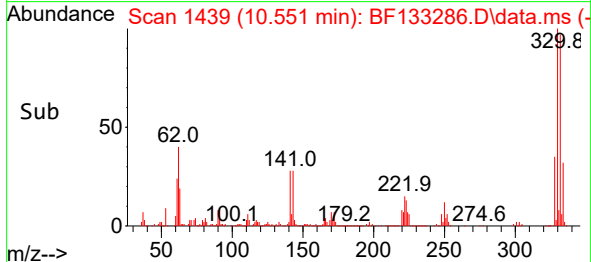
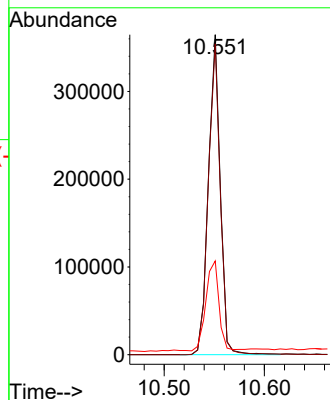
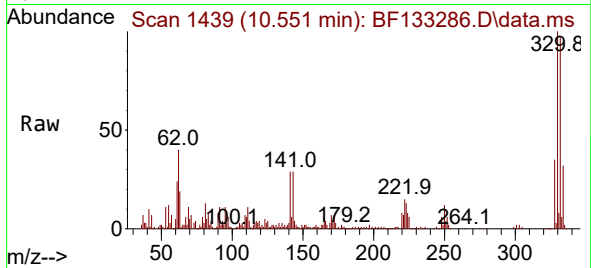
Tgt Ion:330 Resp: 301629

Ion Ratio Lower Upper

330 100

332 97.7 77.1 115.7

141 31.0 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 59.711 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.006 min

Lab File: BF133286.D

Acq: 06 May 2023 03:08

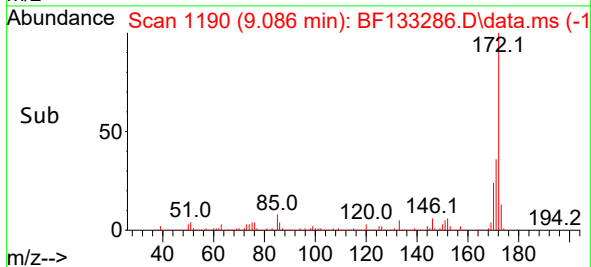
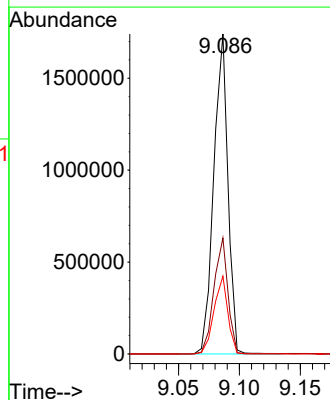
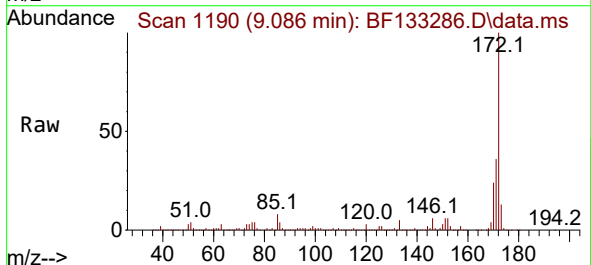
Tgt Ion:172 Resp: 1406194

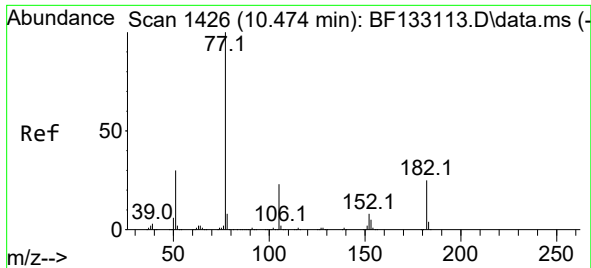
Ion Ratio Lower Upper

172 100

171 36.2 28.8 43.2

170 24.3 19.4 29.2

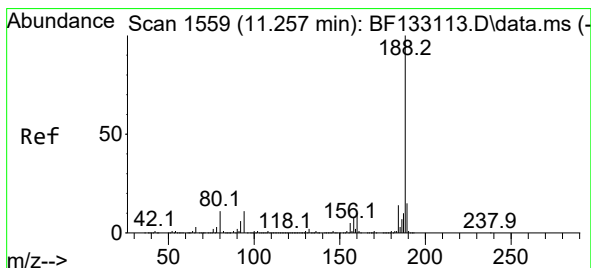
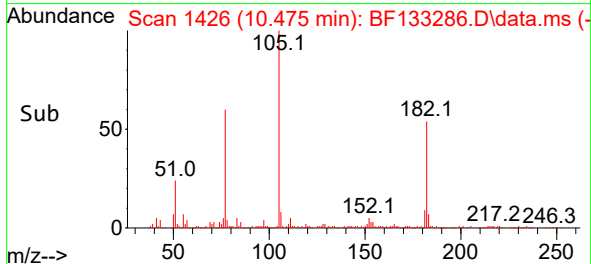
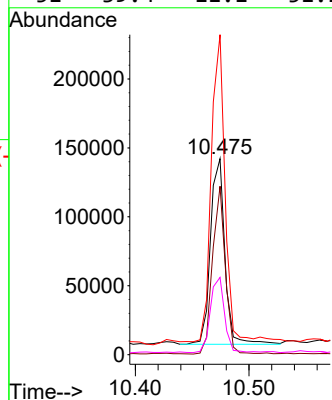
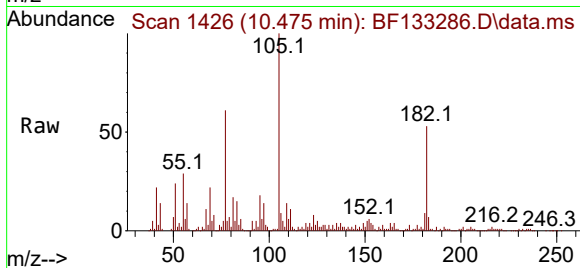




#63
Azobenzene
Concen: 4.306 ng
RT: 10.475 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF133286.D
Acq: 06 May 2023 03:08

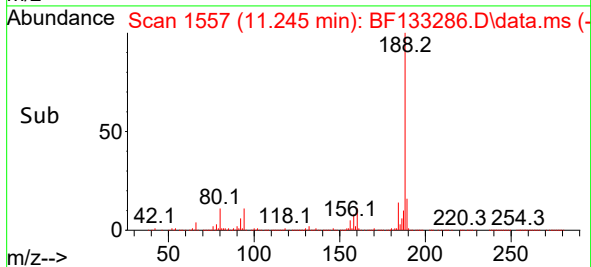
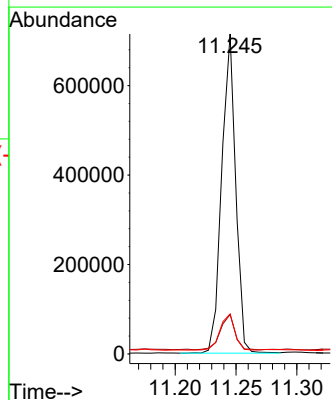
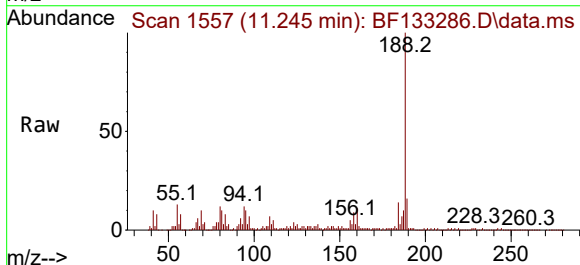
Instrument :
BNA_F
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2264

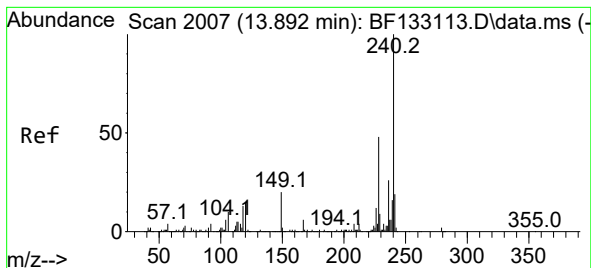
Tgt Ion: 77 Resp: 118359
Ion Ratio Lower Upper
77 100
182 86.0 5.9 45.9#
105 163.3 2.3 42.3#
51 39.4 11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.245 min Scan# 1557
Delta R.T. -0.000 min
Lab File: BF133286.D
Acq: 06 May 2023 03:08

Tgt Ion:188 Resp: 571880
Ion Ratio Lower Upper
188 100
94 12.4 9.7 14.5
80 12.5 10.4 15.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.874 min Scan# 2007

Delta R.T. -0.006 min

Lab File: BF133286.D

Acq: 06 May 2023 03:08

Instrument :

BNA_F

ClientSampleId :

2264

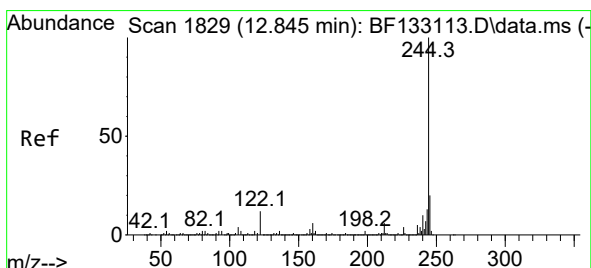
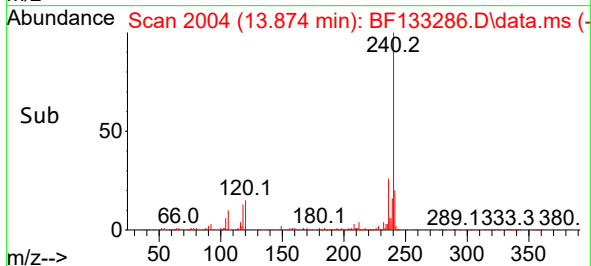
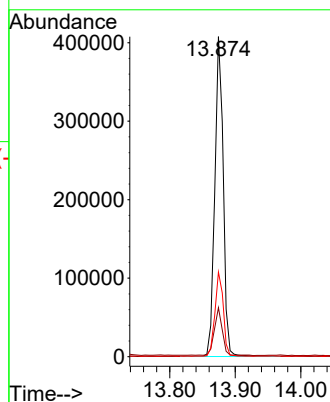
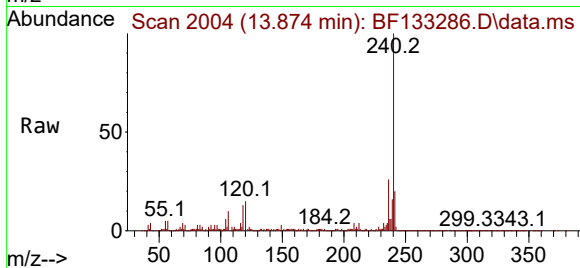
Tgt Ion:240 Resp: 364178

Ion Ratio Lower Upper

240 100

120 15.3 10.5 15.7

236 26.5 21.5 32.3



#79

Terphenyl-d14

Concen: 54.893 ng

RT: 12.827 min Scan# 1826

Delta R.T. -0.006 min

Lab File: BF133286.D

Acq: 06 May 2023 03:08

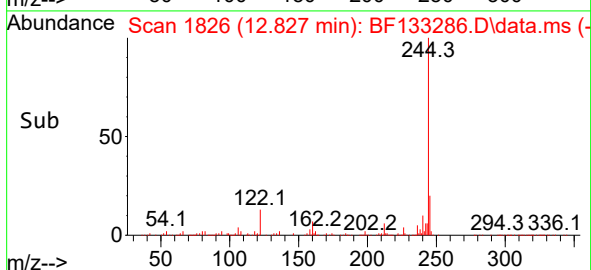
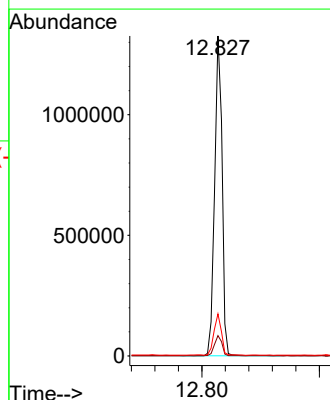
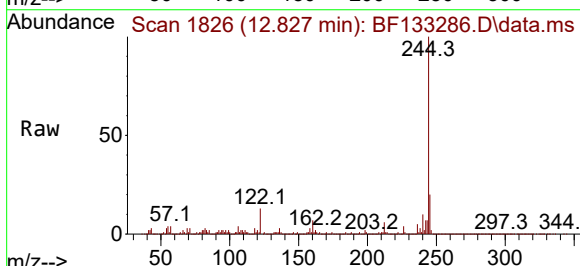
Tgt Ion:244 Resp: 1159114

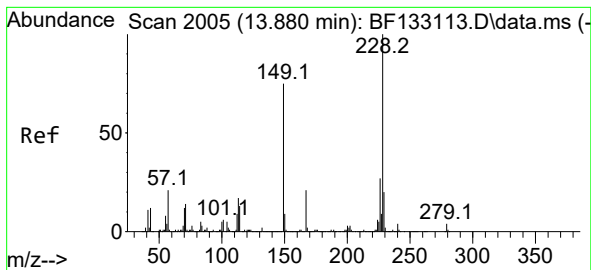
Ion Ratio Lower Upper

244 100

212 6.4 5.1 7.7

122 13.1 8.6 13.0#





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.038 ng

RT: 13.868 min Scan# 2005

Delta R.T. -0.000 min

Lab File: BF133286.D

Acq: 06 May 2023 03:08

Instrument :

BNA_F

ClientSampleId :

2264

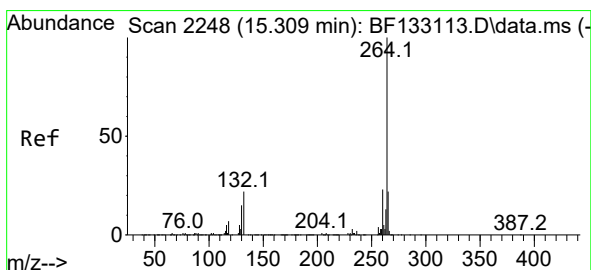
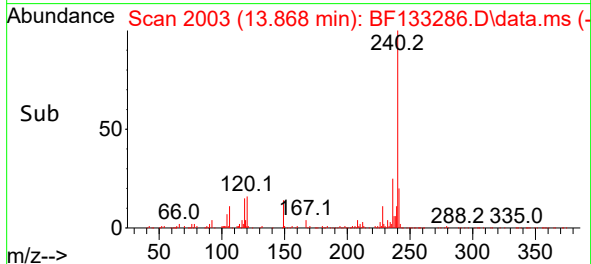
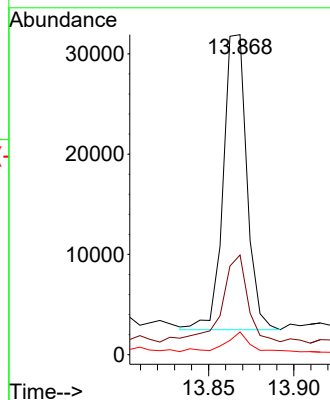
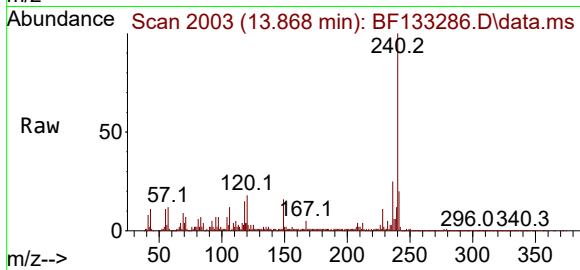
Tgt Ion:149 Resp: 28282

Ion Ratio Lower Upper

149 100

167 31.2 22.5 33.7

279 7.1 4.2 6.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.292 min Scan# 2245

Delta R.T. -0.000 min

Lab File: BF133286.D

Acq: 06 May 2023 03:08

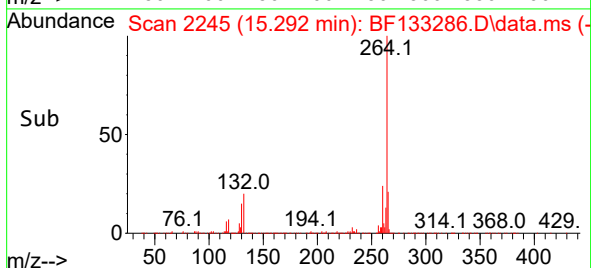
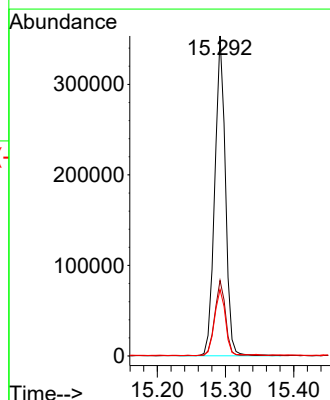
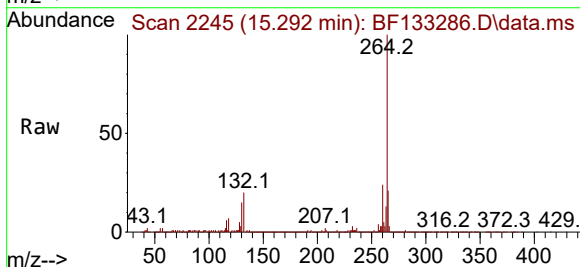
Tgt Ion:264 Resp: 382949

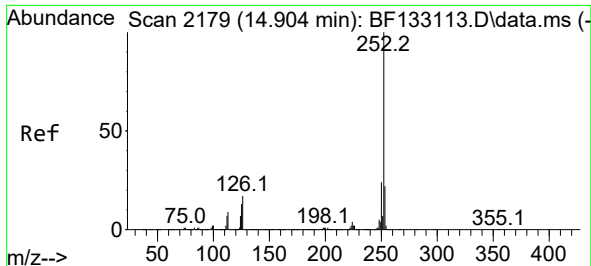
Ion Ratio Lower Upper

264 100

260 23.6 18.8 28.2

265 20.7 17.0 25.4

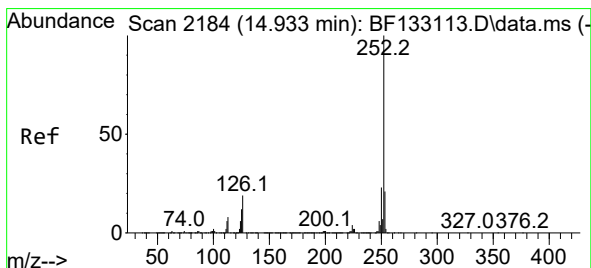
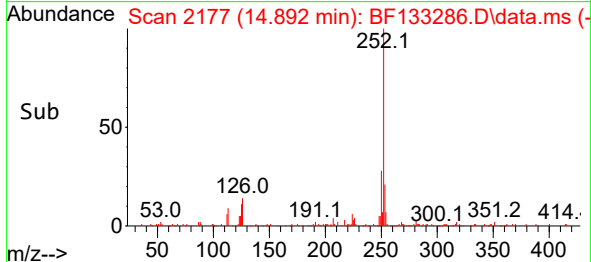
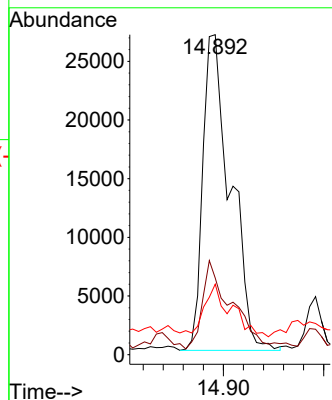
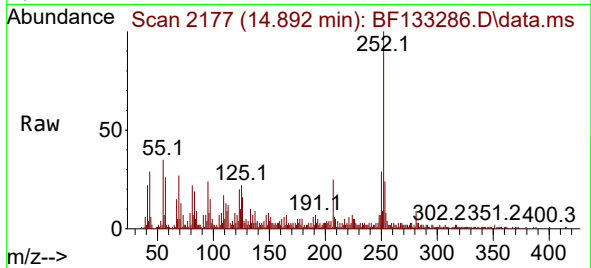




#88
Benzo(b)fluoranthene
Concen: 2.125 ng
RT: 14.892 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BF133286.D
Acq: 06 May 2023 03:08

Instrument :
BNA_F
ClientSampleId :
2264

Tgt Ion:252 Resp: 51769
Ion Ratio Lower Upper
252 100
253 23.9 17.6 26.4
125 22.0 8.9 13.3#



#89
Benzo(k)fluoranthene
Concen: 2.144 ng
RT: 14.892 min Scan# 2177
Delta R.T. -0.029 min
Lab File: BF133286.D
Acq: 06 May 2023 03:08

Tgt Ion:252 Resp: 51769
Ion Ratio Lower Upper
252 100
253 23.9 17.7 26.5
125 22.0 9.0 13.4#

