

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
 Data File : BF133088.D
 Acq On : 27 Apr 2023 03:10
 Operator : CG\JU
 Sample : 02423-03 2X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SPD-1WC-23-04-18

Quant Time: Apr 27 05:13:44 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 27 01:56:03 2023
 Response via : Initial Calibration

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

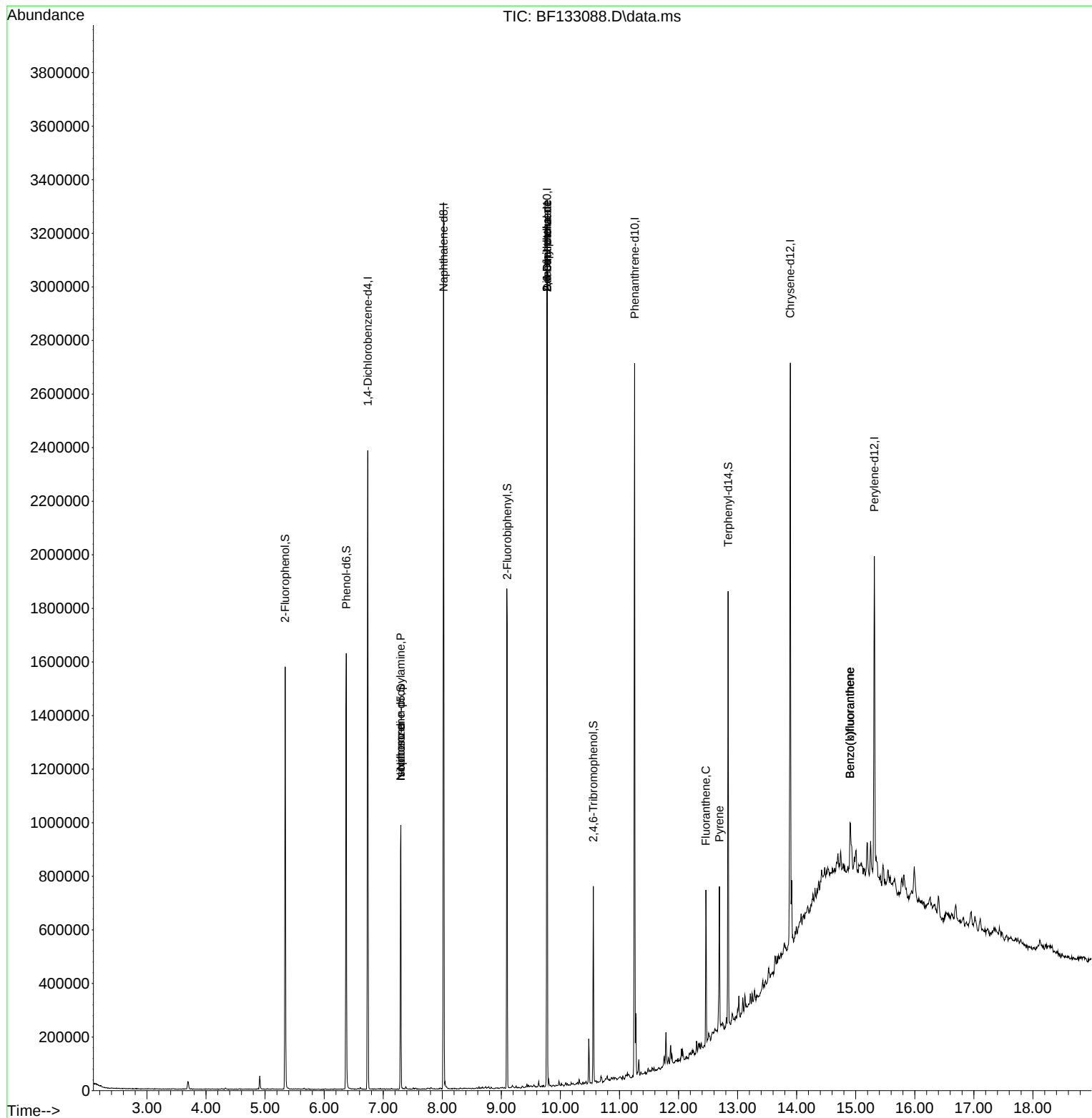
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	333042	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	1278738	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	574145	20.000	ng	0.00
64) Phenanthrene-d10	11.257	188	894557	20.000	ng	0.00
76) Chrysene-d12	13.892	240	661481	20.000	ng	0.00
86) Perylene-d12	15.316	264	527083	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	411634	18.671	ng	0.00
7) Phenol-d6	6.375	99	512420	18.726	ng	0.00
23) Nitrobenzene-d5	7.298	82	283891	11.983	ng	0.00
42) 2,4,6-Tribromophenol	10.557	330	74033	12.822	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	548380	15.979	ng	0.00
79) Terphenyl-d14	12.839	244	502270	13.096	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.281	77	512	Below Cal	#	52
19) n-Nitroso-di-n-propyla...	7.298	70	35947	2.110 ng	#	77
25) Isophorone	7.298	82	282741	6.286 ng	#	63
50) Dimethylphthalate	9.775	163	116280	2.905 ng	#	1
51) 2,6-Dinitrotoluene	9.775	165	75619	8.392 ng	#	25
57) 2,4-Dinitrotoluene	9.775	165	75619	6.581 ng	#	23
75) Fluoranthene	12.463	202	208743	4.326 ng		100
78) Pyrene	12.692	202	199683	3.521 ng		99
88) Benzo(b)fluoranthene	14.904	252	122364	3.649 ng	#	84
89) Benzo(k)fluoranthene	14.904	252	122364	3.681 ng	#	85

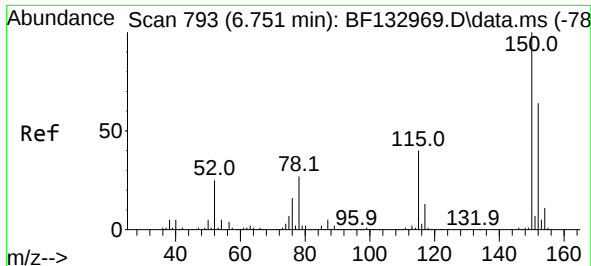
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042623\
Data File : BF133088.D
Acq On : 27 Apr 2023 03:10
Operator : CG\JU
Sample : 02423-03 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SPD-1WC-23-04-18

Quant Time: Apr 27 05:13:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 27 01:56:03 2023
Response via : Initial Calibration

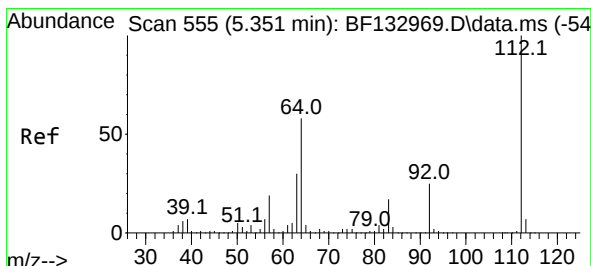
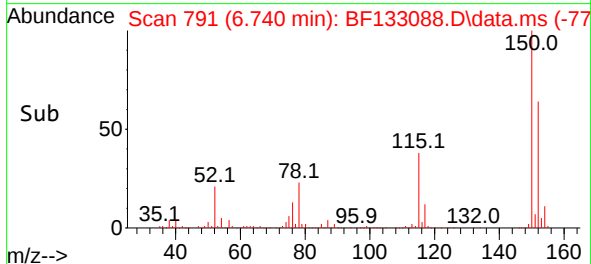
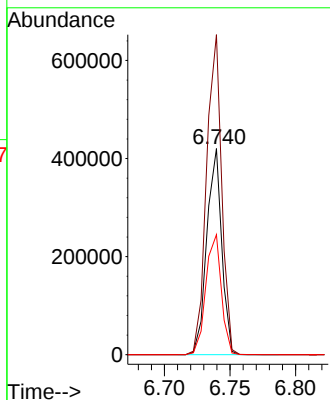
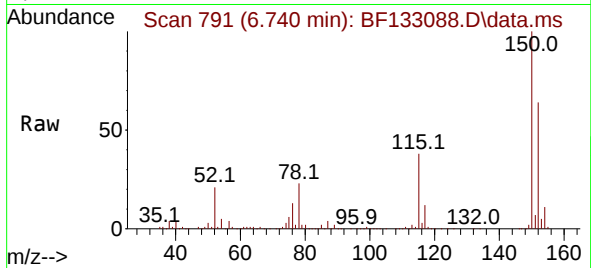




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 793
Delta R.T. 0.001 min
Lab File: BF133088.D
Acq: 27 Apr 2023 03:10

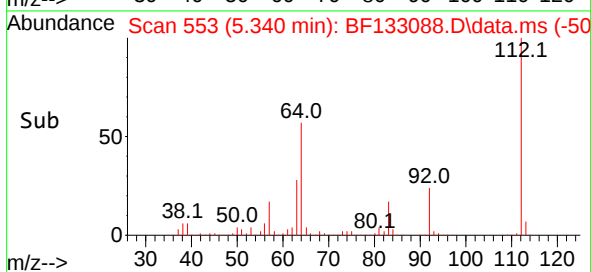
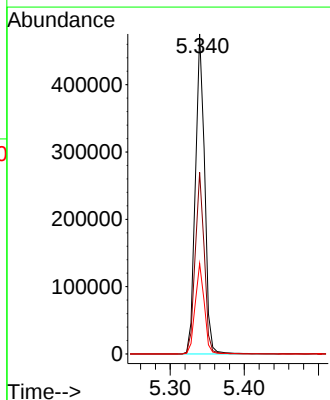
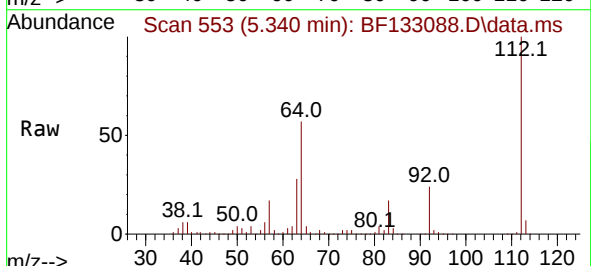
Instrument :
BNA_F
ClientSampleId :
SPD-1WC-23-04-18

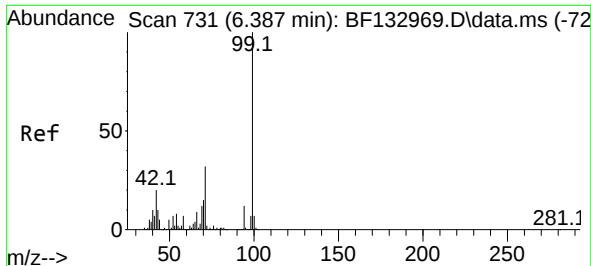
Tgt Ion:152 Resp: 333042
Ion Ratio Lower Upper
152 100
150 155.2 124.8 187.2
115 58.2 49.9 74.9



#5
2-Fluorophenol
Concen: 18.671 ng
RT: 5.340 min Scan# 553
Delta R.T. 0.000 min
Lab File: BF133088.D
Acq: 27 Apr 2023 03:10

Tgt Ion:112 Resp: 411634
Ion Ratio Lower Upper
112 100
64 56.8 46.8 70.2
63 28.3 23.8 35.8

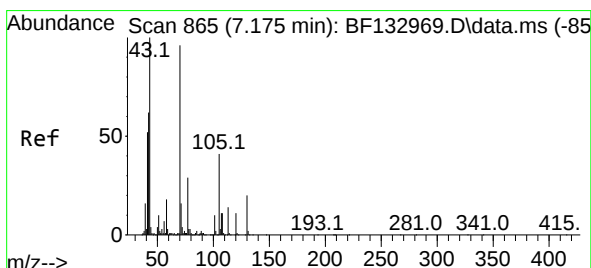
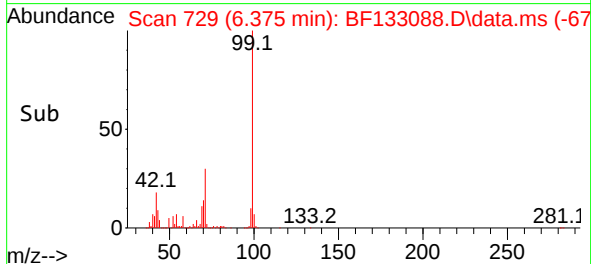
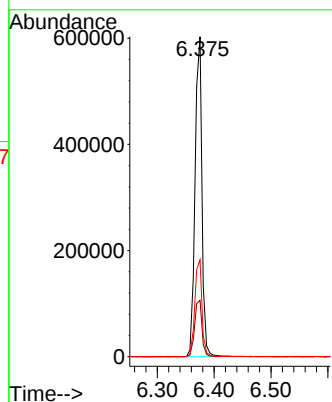
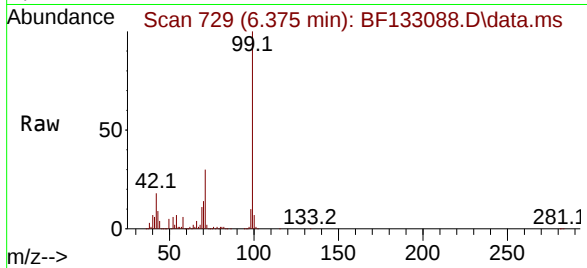




#7
Phenol-d6
Concen: 18.726 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133088.D
Acq: 27 Apr 2023 03:10

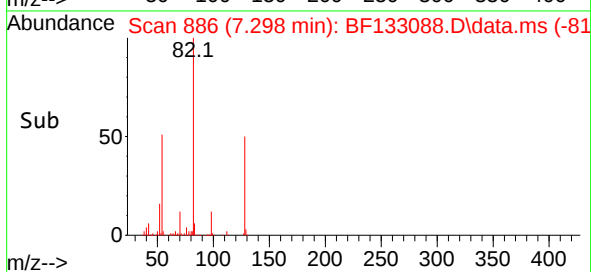
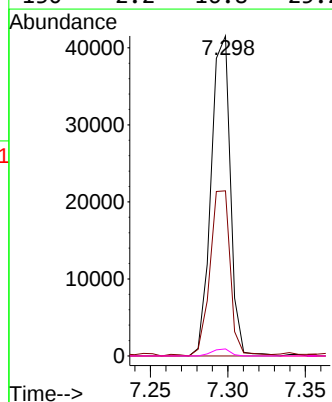
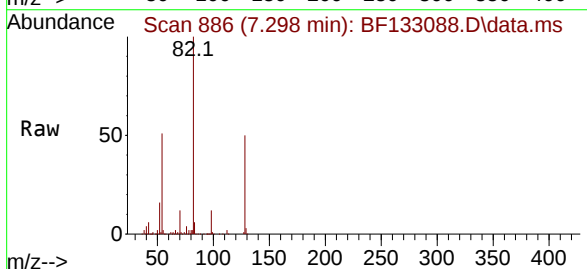
Instrument :
BNA_F
ClientSampleId :
SPD-1WC-23-04-18

Tgt Ion: 99 Resp: 512420
Ion Ratio Lower Upper
99 100
42 17.6 16.3 24.5
71 30.3 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 2.110 ng
RT: 7.298 min Scan# 886
Delta R.T. 0.141 min
Lab File: BF133088.D
Acq: 27 Apr 2023 03:10

Tgt Ion: 70 Resp: 35947
Ion Ratio Lower Upper
70 100
42 51.6 51.8 77.6#
101 0.0 8.0 12.0#
130 2.2 16.8 25.2#

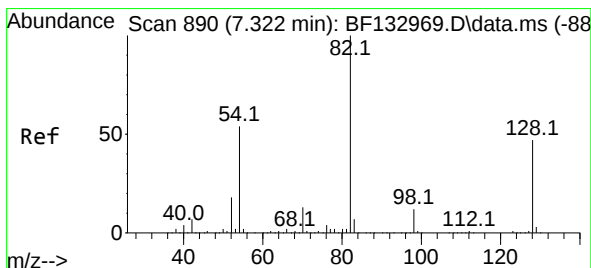
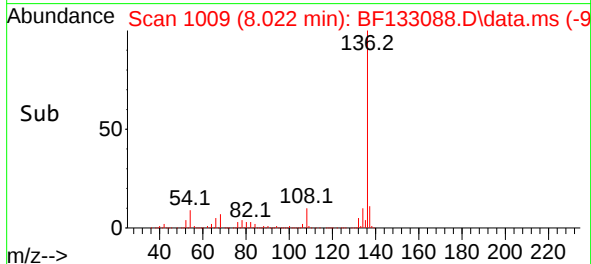
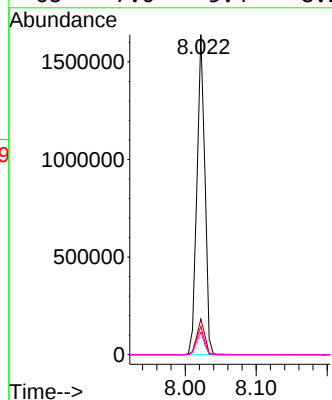
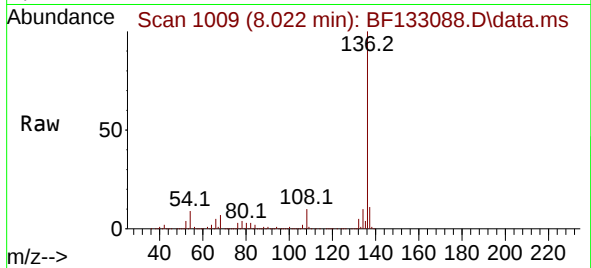




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1012
Delta R.T. 0.000 min
Lab File: BF133088.D
Acq: 27 Apr 2023 03:10

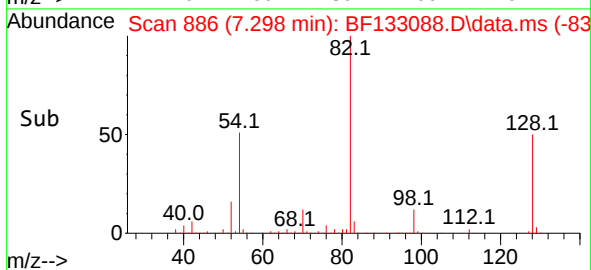
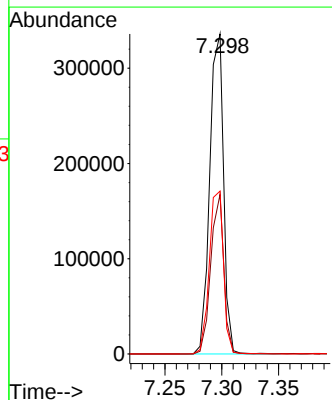
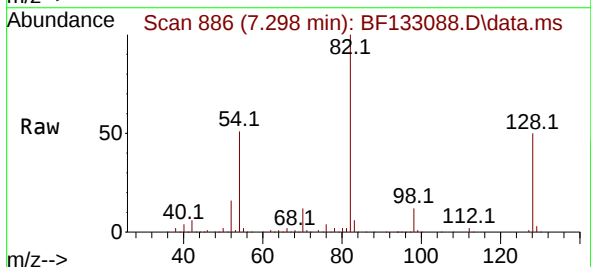
Instrument :
BNA_F
ClientSampleId :
SPD-1WC-23-04-18

Tgt Ion:136 Resp: 1278738
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.8 7.0 10.4
68 7.0 5.4 8.2



#23
Nitrobenzene-d5
Concen: 11.983 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.006 min
Lab File: BF133088.D
Acq: 27 Apr 2023 03:10

Tgt Ion: 82 Resp: 283891
Ion Ratio Lower Upper
82 100
128 49.8 37.7 56.5
54 50.9 43.0 64.4

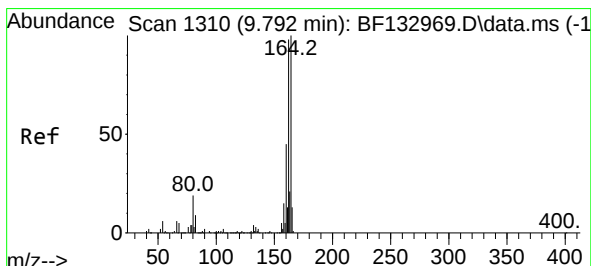
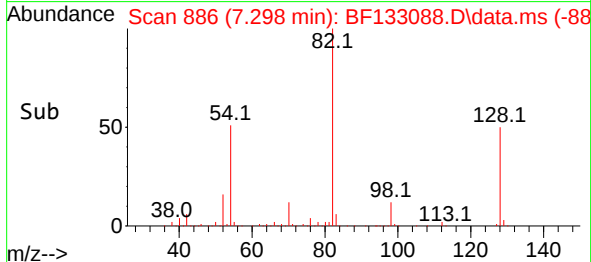
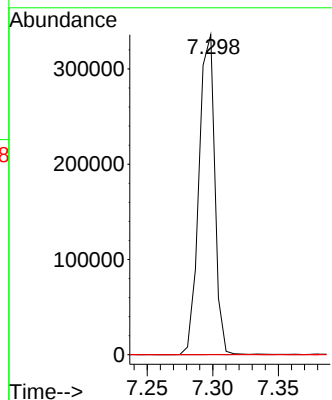
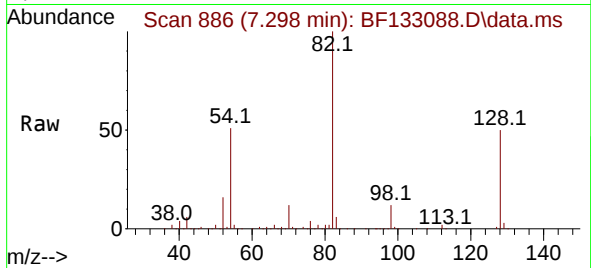




#25
Isophorone
Concen: 6.286 ng
RT: 7.298 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF133088.D
Acq: 27 Apr 2023 03:10

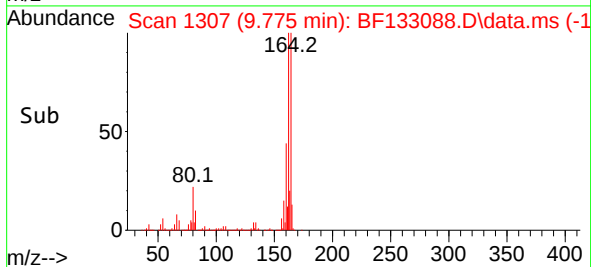
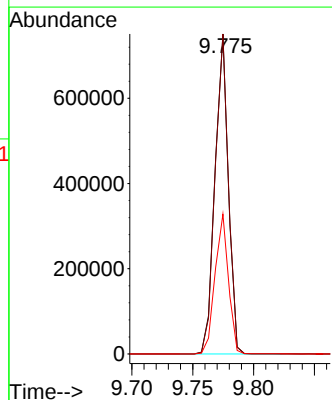
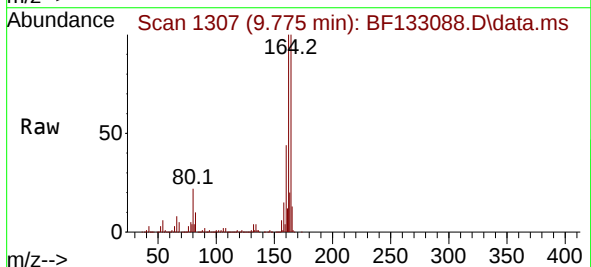
Instrument :
BNA_F
ClientSampleId :
SPD-1WC-23-04-18

Tgt Ion: 82 Resp: 282741
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF133088.D
Acq: 27 Apr 2023 03:10

Tgt Ion:164 Resp: 574145
Ion Ratio Lower Upper
164 100
162 100.0 78.7 118.1
160 43.7 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 12.822 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BF133088.D

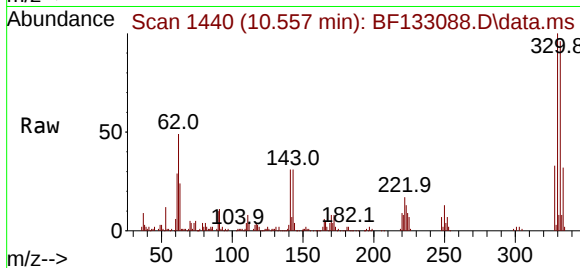
Acq: 27 Apr 2023 03:10

Instrument :

BNA_F

ClientSampleId :

SPD-1WC-23-04-18



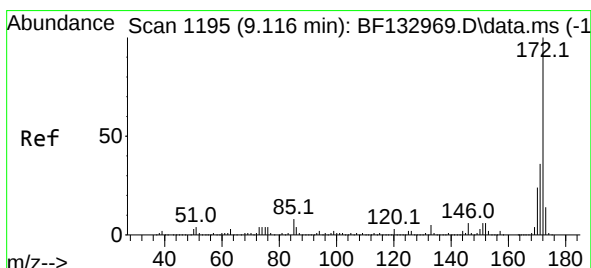
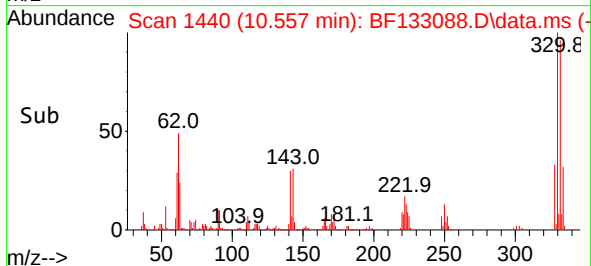
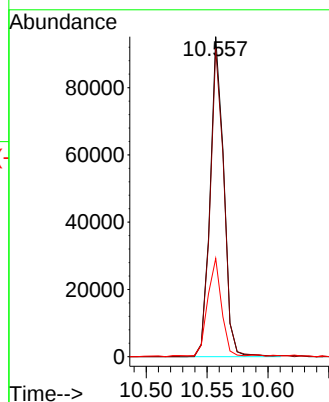
Tgt Ion:330 Resp: 74033

Ion Ratio Lower Upper

330 100

332 96.8 77.1 115.7

141 32.0 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 15.979 ng

RT: 9.098 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF133088.D

Acq: 27 Apr 2023 03:10

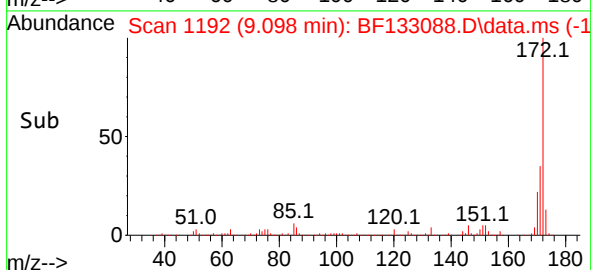
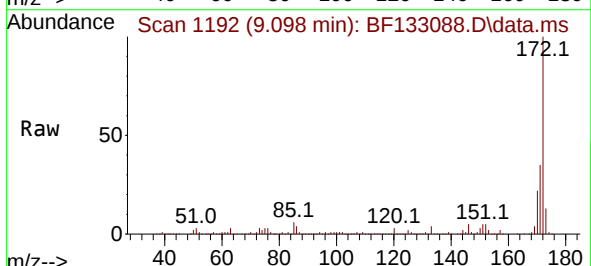
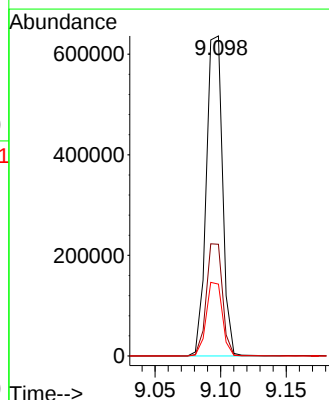
Tgt Ion:172 Resp: 548380

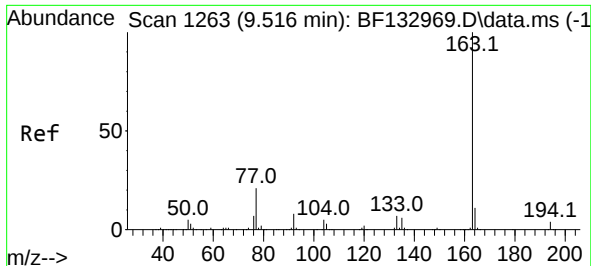
Ion Ratio Lower Upper

172 100

171 34.9 28.8 43.2

170 22.5 19.4 29.2

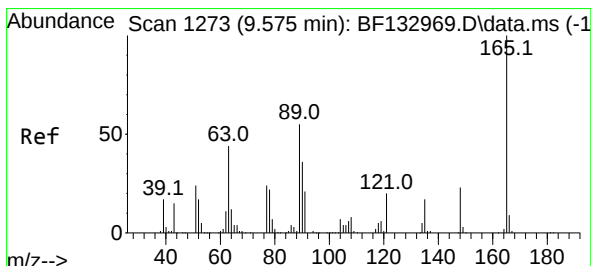
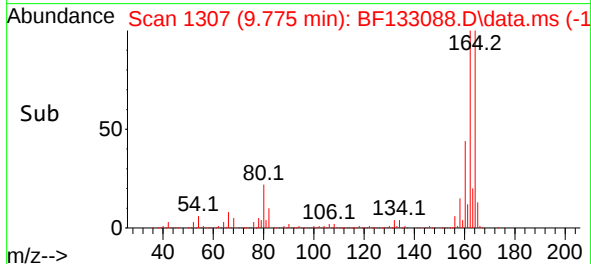
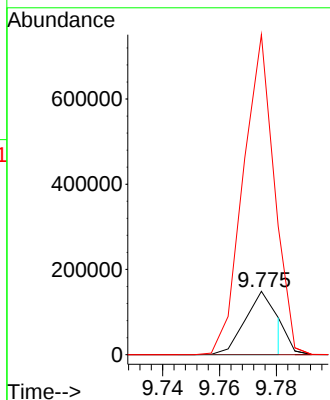
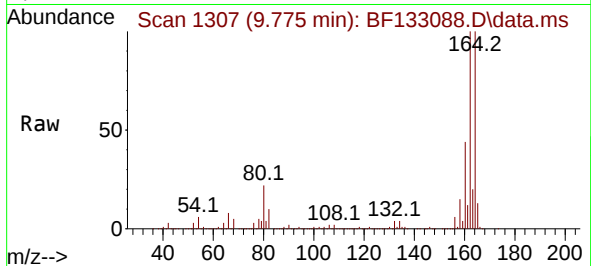




#50
Dimethylphthalate
Concen: 2.905 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.271 min
Lab File: BF133088.D
Acq: 27 Apr 2023 03:10

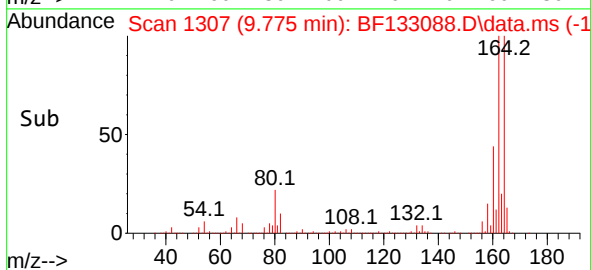
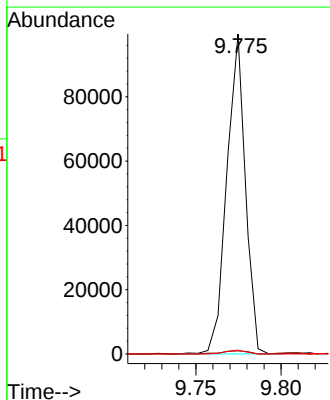
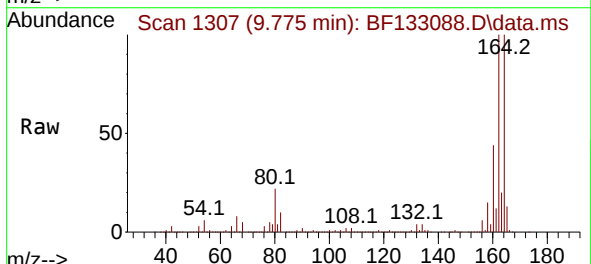
Instrument :
BNA_F
ClientSampleId :
SPD-1WC-23-04-18

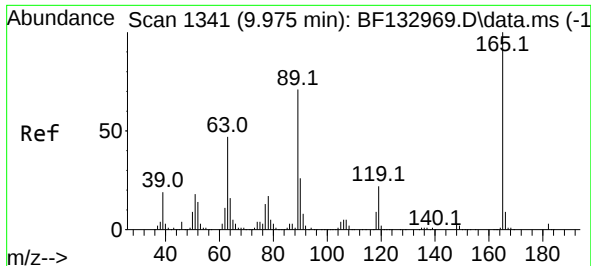
Tgt Ion:163 Resp: 116280
Ion Ratio Lower Upper
163 100
194 0.0 3.1 4.7#
164 505.6 8.5 12.7#



#51
2,6-Dinitrotoluene
Concen: 8.392 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.218 min
Lab File: BF133088.D
Acq: 27 Apr 2023 03:10

Tgt Ion:165 Resp: 75619
Ion Ratio Lower Upper
165 100
63 1.0 45.9 68.9#
89 1.2 44.0 66.0#

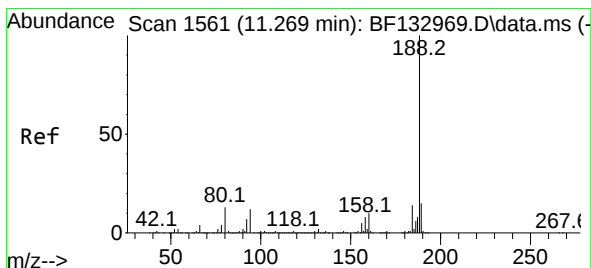
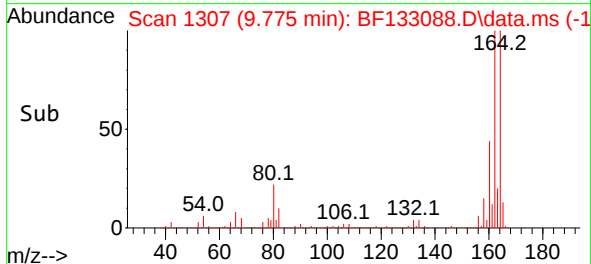
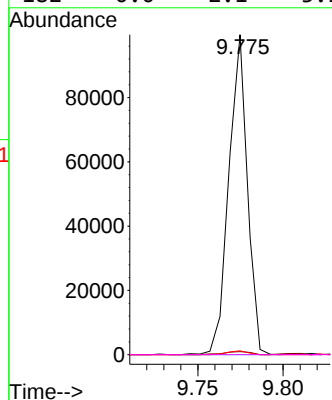
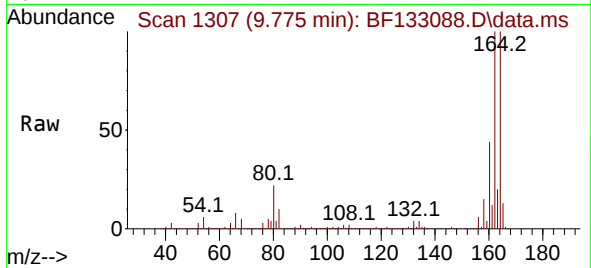




#57
2,4-Dinitrotoluene
Concen: 6.581 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF133088.D
Acq: 27 Apr 2023 03:10

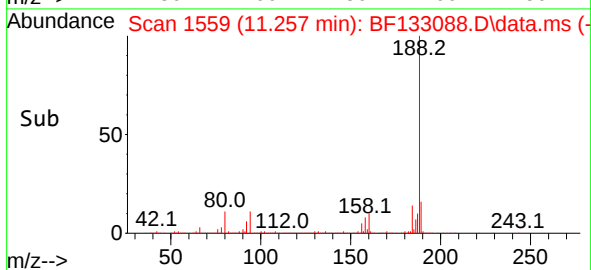
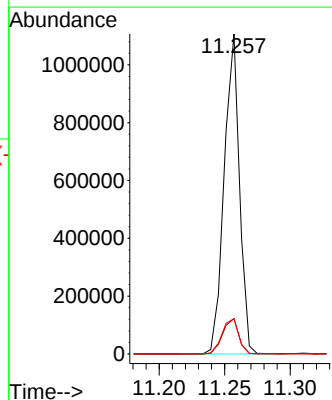
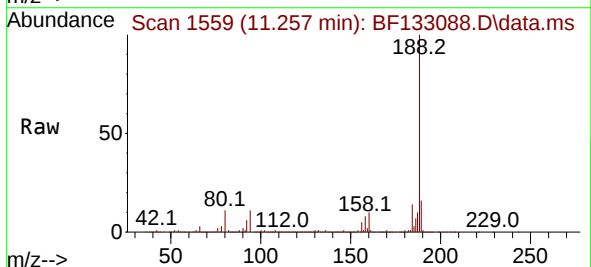
Instrument :
BNA_F
ClientSampleId :
SPD-1WC-23-04-18

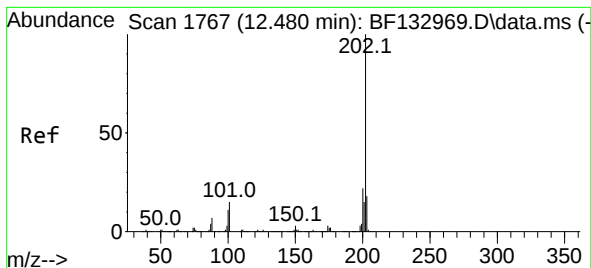
Tgt Ion:165 Resp: 75619
Ion Ratio Lower Upper
165 100
63 1.0 37.7 56.5#
89 1.2 57.0 85.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.257 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BF133088.D
Acq: 27 Apr 2023 03:10

Tgt Ion:188 Resp: 894557
Ion Ratio Lower Upper
188 100
94 11.1 9.7 14.5
80 11.0 10.4 15.6





#75

Fluoranthene

Concen: 4.326 ng

RT: 12.463 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133088.D

Acq: 27 Apr 2023 03:10

Instrument :

BNA_F

ClientSampleId :

SPD-1WC-23-04-18

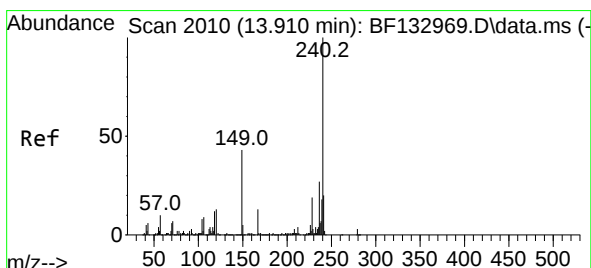
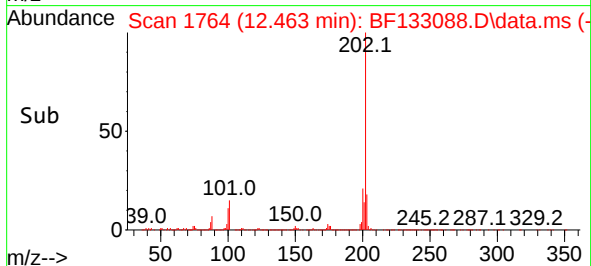
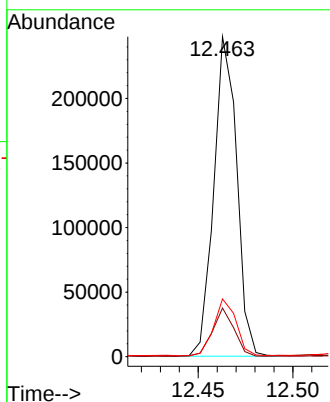
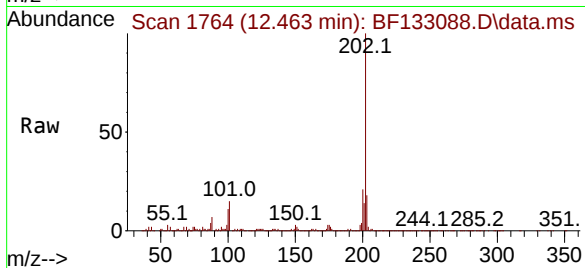
Tgt Ion:202 Resp: 208743

Ion Ratio Lower Upper

202 100

101 15.2 0.0 35.3

203 18.0 0.0 38.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.892 min Scan# 2007

Delta R.T. 0.000 min

Lab File: BF133088.D

Acq: 27 Apr 2023 03:10

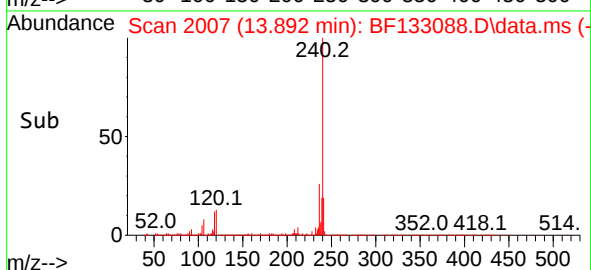
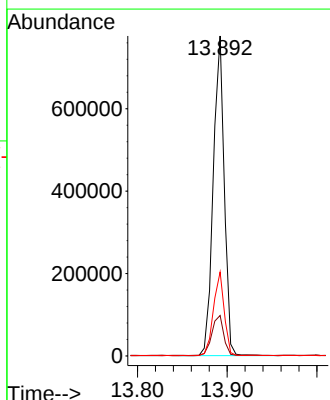
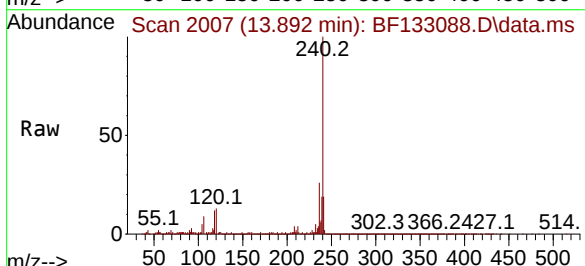
Tgt Ion:240 Resp: 661481

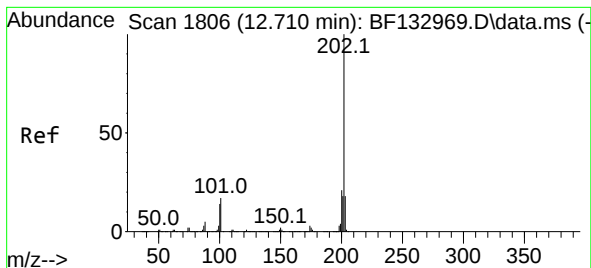
Ion Ratio Lower Upper

240 100

120 12.7 10.5 15.7

236 26.3 21.5 32.3





#78

Pyrene

Concen: 3.521 ng

RT: 12.692 min Scan# 1803

Delta R.T. 0.000 min

Lab File: BF133088.D

Acq: 27 Apr 2023 03:10

Instrument :

BNA_F

ClientSampleId :

SPD-1WC-23-04-18

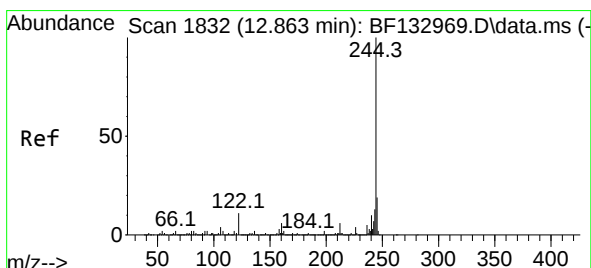
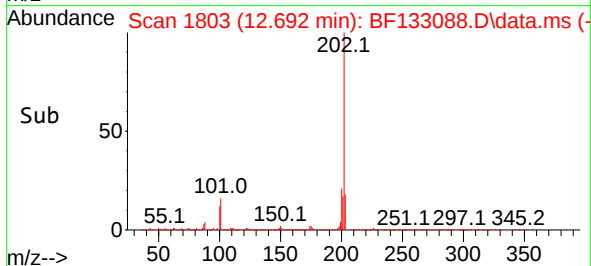
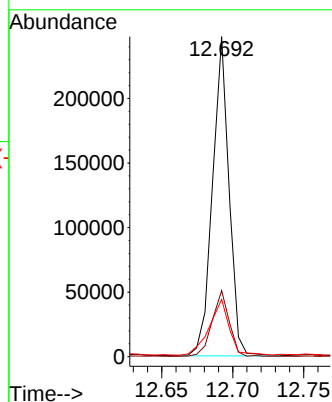
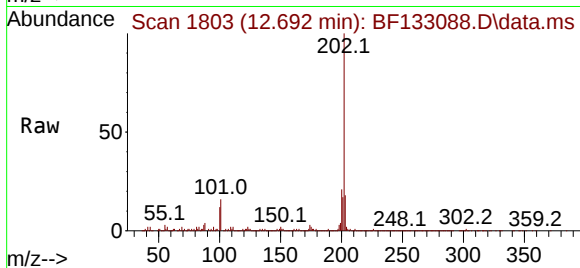
Tgt Ion:202 Resp: 199683

Ion Ratio Lower Upper

202 100

200 20.7 17.1 25.7

203 17.9 14.1 21.1



#79

Terphenyl-d14

Concen: 13.096 ng

RT: 12.839 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF133088.D

Acq: 27 Apr 2023 03:10

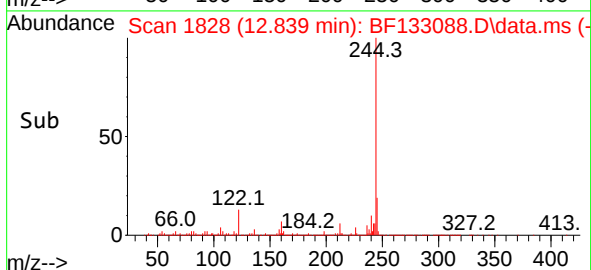
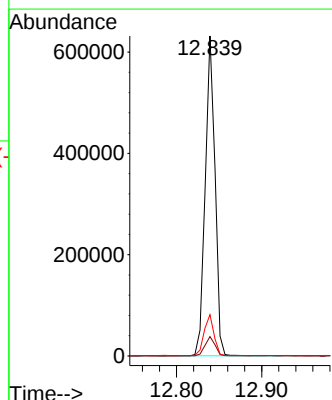
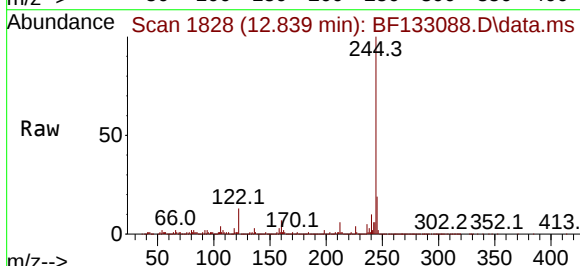
Tgt Ion:244 Resp: 502270

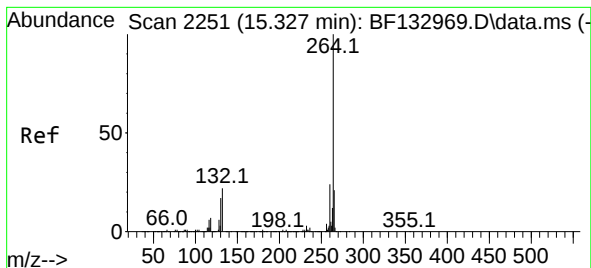
Ion Ratio Lower Upper

244 100

212 6.0 5.1 7.7

122 12.9 8.6 13.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.316 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF133088.D

Acq: 27 Apr 2023 03:10

Instrument :

BNA_F

ClientSampleId :

SPD-1WC-23-04-18

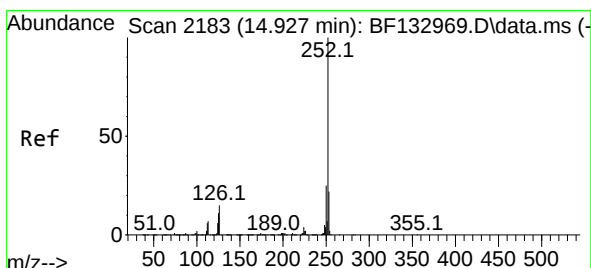
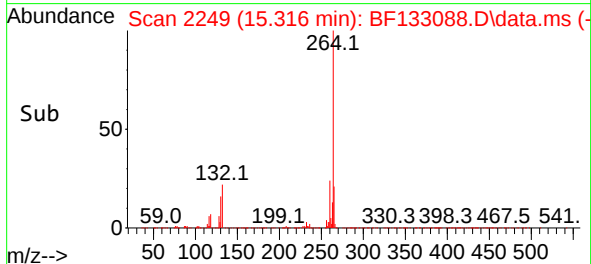
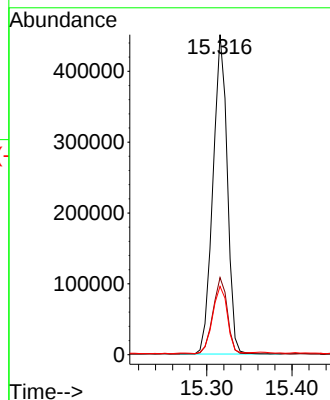
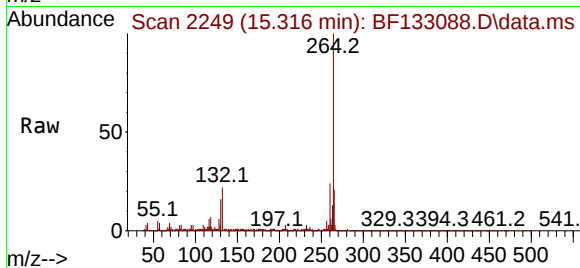
Tgt Ion:264 Resp: 527083

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 21.4 17.0 25.4



#88

Benzo(b)fluoranthene

Concen: 3.649 ng

RT: 14.904 min Scan# 2179

Delta R.T. 0.000 min

Lab File: BF133088.D

Acq: 27 Apr 2023 03:10

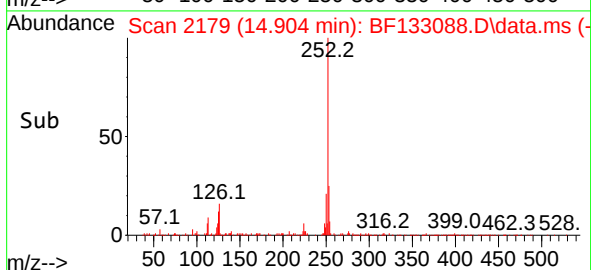
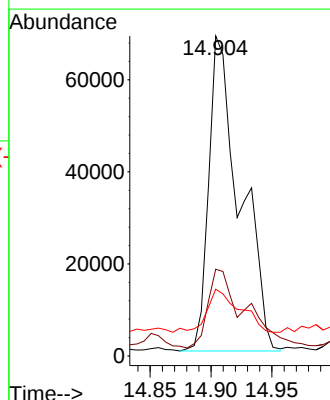
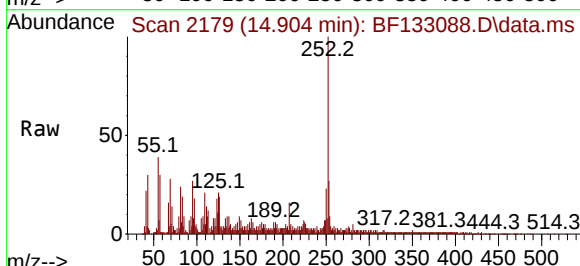
Tgt Ion:252 Resp: 122364

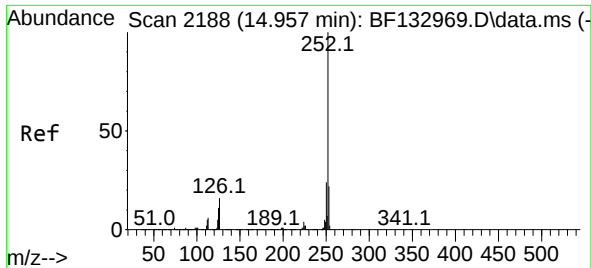
Ion Ratio Lower Upper

252 100

253 27.1 17.6 26.4#

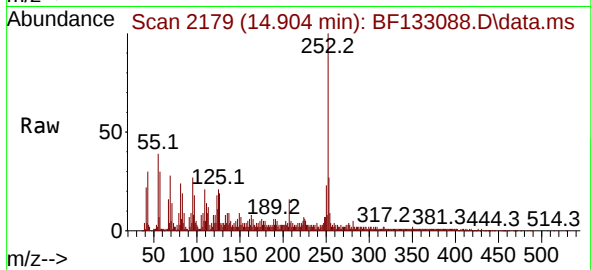
125 20.8 8.9 13.3#





#89
Benzo(k)fluoranthene
Concen: 3.681 ng
RT: 14.904 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF133088.D
Acq: 27 Apr 2023 03:10

Instrument :
BNA_F
ClientSampleId :
SPD-1WC-23-04-18



Tgt Ion:252 Resp: 122364
Ion Ratio Lower Upper
252 100
253 27.1 17.7 26.5#
125 20.8 9.0 13.4#

