

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133903.D
 Acq On : 22 Jun 2023 16:04
 Operator : CG\JU
 Sample : 03321-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-22

Quant Time: Jun 23 02:29:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 23 02:21:26 2023
 Response via : Initial Calibration

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

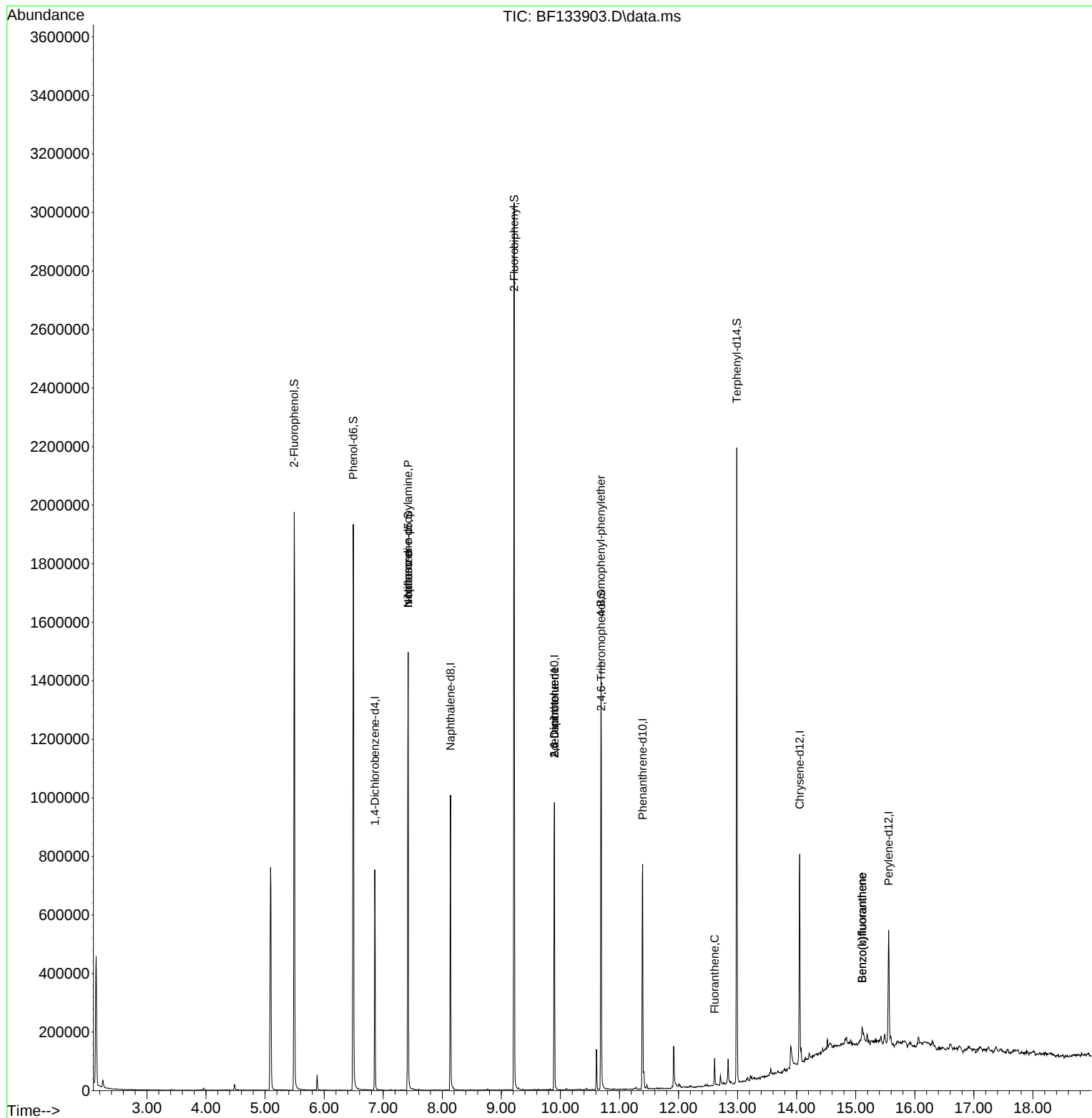
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	100873	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	407200	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	189239	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	307314	20.000	ng	0.00
76) Chrysene-d12	14.051	240	240664	20.000	ng	0.00
86) Perylene-d12	15.557	264	190570	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	526913	90.936	ng	0.00
7) Phenol-d6	6.493	99	631405	83.716	ng	0.00
23) Nitrobenzene-d5	7.422	82	427572	57.192	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	171260	71.495	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	835690	62.775	ng	0.00
79) Terphenyl-d14	12.986	244	702479	45.166	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.422	70	58850	12.264	ng	# 77
25) Isophorone	7.422	82	427568	31.152	ng	# 65
51) 2,6-Dinitrotoluene	9.898	165	24344	8.350	ng	# 28
57) 2,4-Dinitrotoluene	9.898	165	24344	6.565	ng	# 20
67) 4-Bromophenyl-phenylether	10.686	248	10359	3.020	ng	# 1
75) Fluoranthene	12.610	202	35209	2.127	ng	99
88) Benzo(b)fluoranthene	15.110	252	30505	2.635	ng	# 84
89) Benzo(k)fluoranthene	15.110	252	30505	2.705	ng	# 84

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

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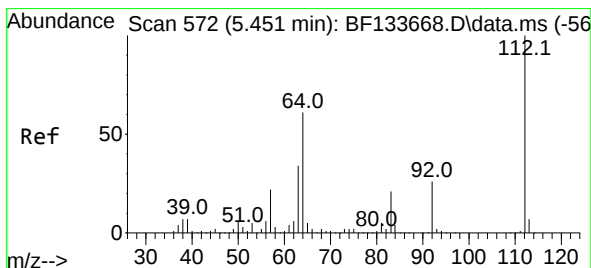
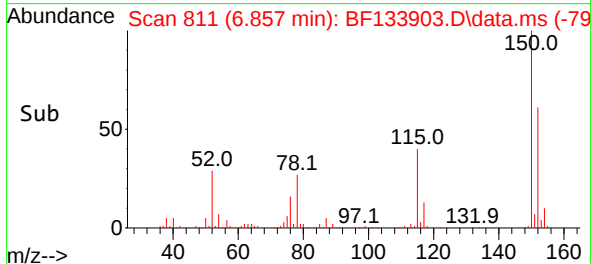
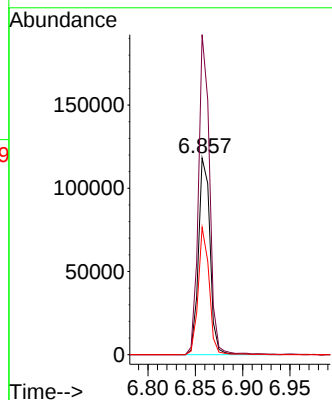
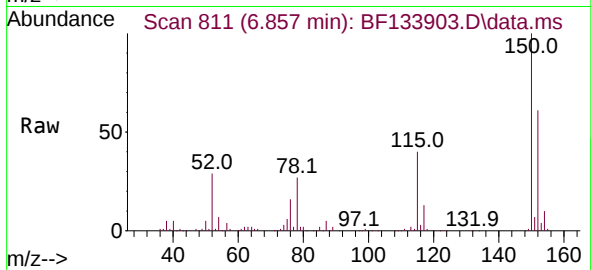




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133903.D
Acq: 22 Jun 2023 16:04

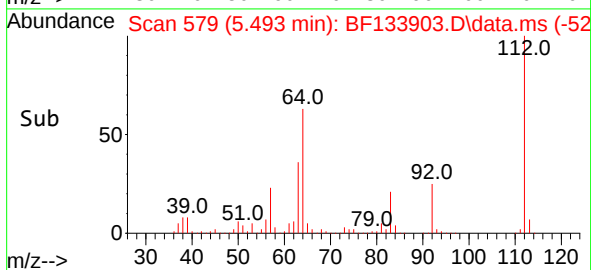
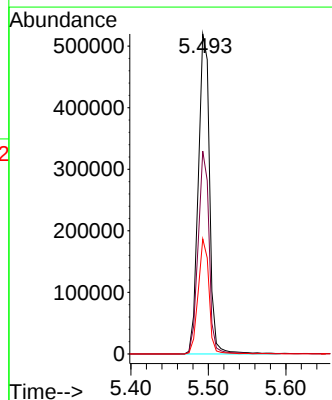
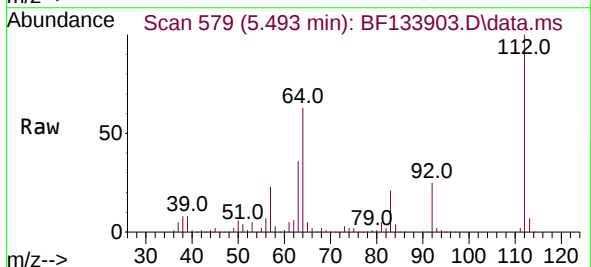
Instrument :
BNA_F
ClientSampleId :
WC-22

Tgt Ion:152 Resp: 100873
Ion Ratio Lower Upper
152 100
150 162.7 124.3 186.5
115 64.7 48.5 72.7



#5
2-Fluorophenol
Concen: 90.936 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF133903.D
Acq: 22 Jun 2023 16:04

Tgt Ion:112 Resp: 526913
Ion Ratio Lower Upper
112 100
64 63.4 49.0 73.4
63 35.9 26.8 40.2

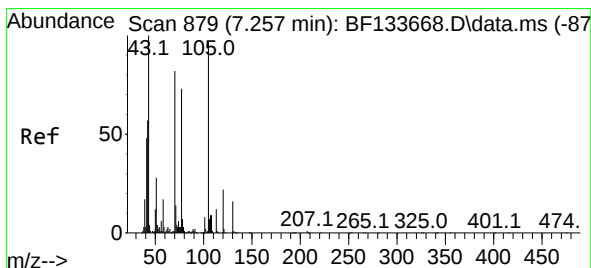
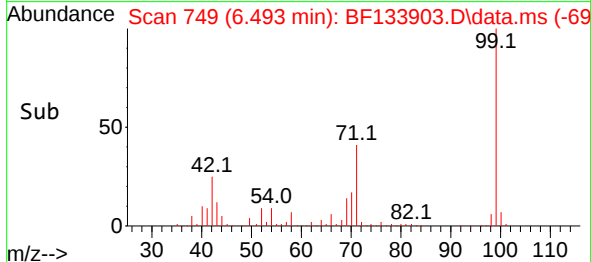
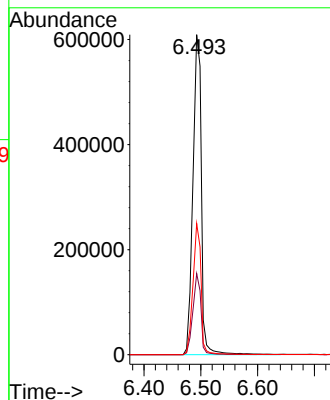
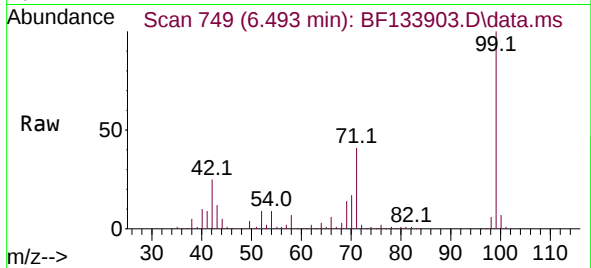




#7
Phenol-d6
Concen: 83.716 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133903.D
Acq: 22 Jun 2023 16:04

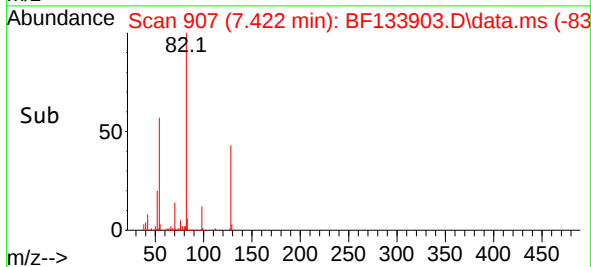
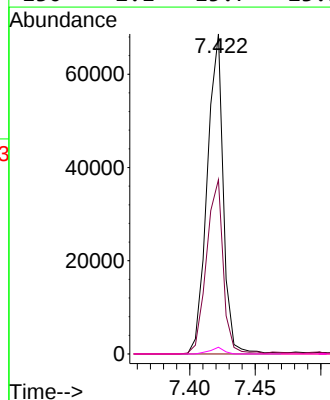
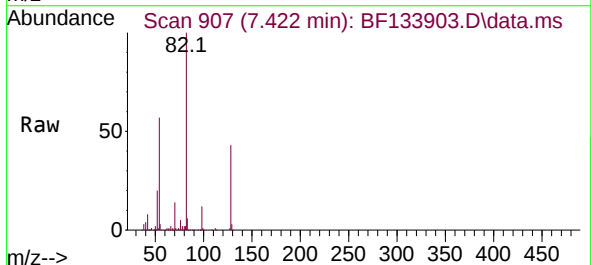
Instrument :
BNA_F
ClientSampleId :
WC-22

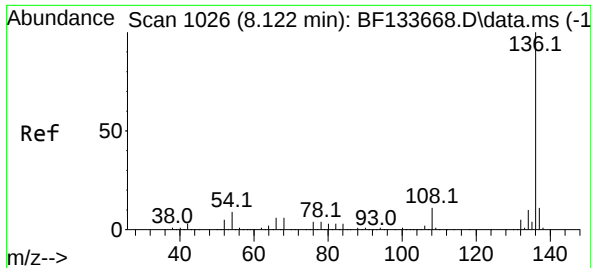
Tgt Ion: 99 Resp: 631405
Ion Ratio Lower Upper
99 100
42 25.4 19.9 29.9
71 41.0 32.2 48.4



#19
n-Nitroso-di-n-propylamine
Concen: 12.264 ng
RT: 7.422 min Scan# 907
Delta R.T. 0.147 min
Lab File: BF133903.D
Acq: 22 Jun 2023 16:04

Tgt Ion: 70 Resp: 58850
Ion Ratio Lower Upper
70 100
42 54.5 55.8 83.8#
101 0.0 8.1 12.1#
130 2.1 15.7 23.5#



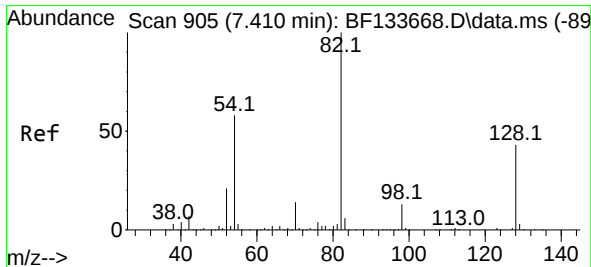
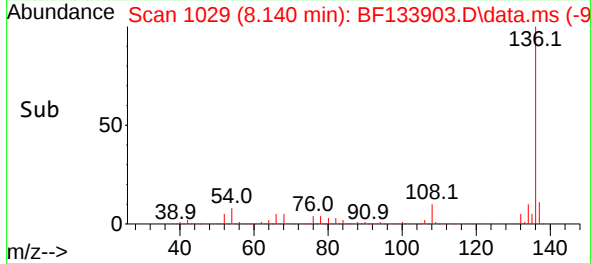
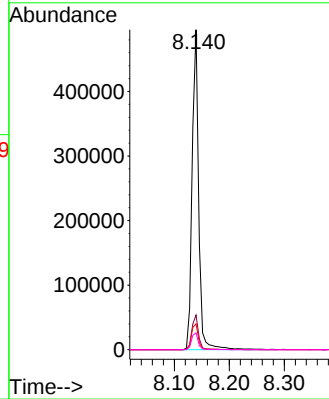
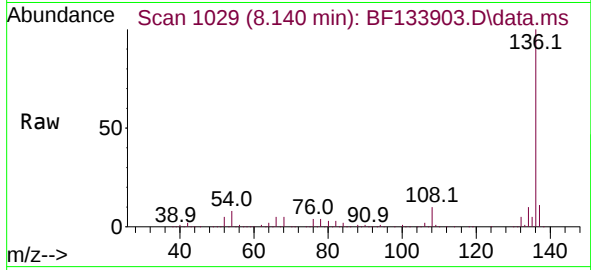


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF133903.D
Acq: 22 Jun 2023 16:04

Instrument :
BNA_F
ClientSampleId :
WC-22

Tgt Ion:136 Resp: 407200

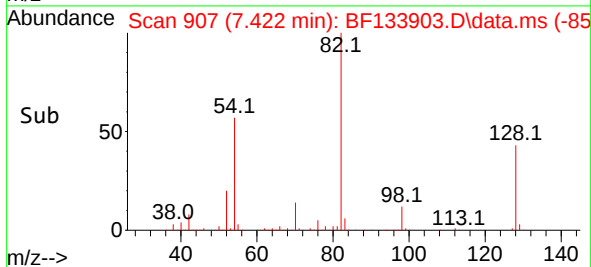
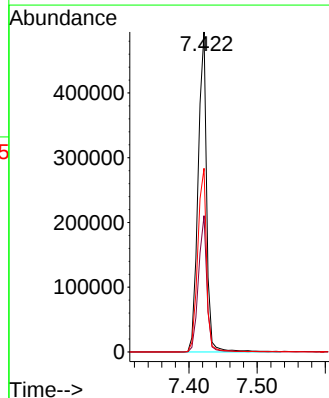
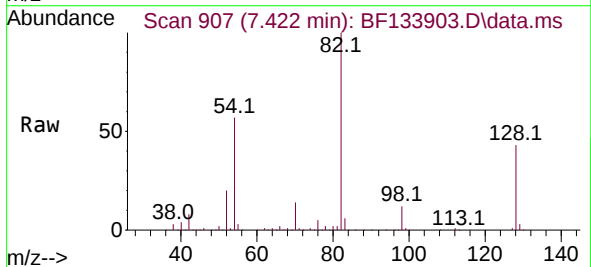
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	8.1	7.4	11.0
68	5.3	4.4	6.6



#23
Nitrobenzene-d5
Concen: 57.192 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF133903.D
Acq: 22 Jun 2023 16:04

Tgt Ion: 82 Resp: 427572

Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.2	51.2
54	57.4	46.5	69.7

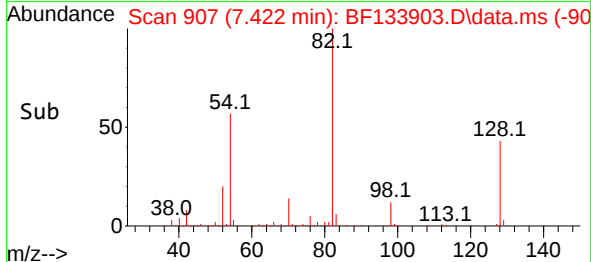
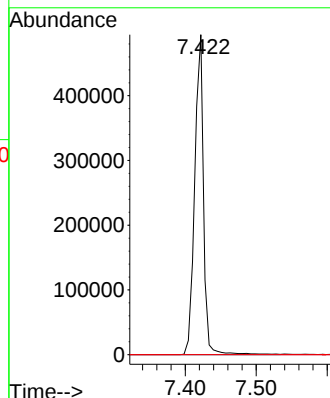
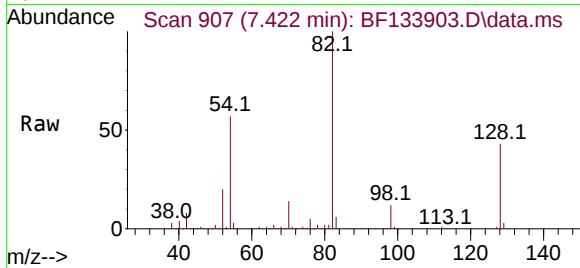




#25
Isophorone
Concen: 31.152 ng
RT: 7.422 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF133903.D
Acq: 22 Jun 2023 16:04

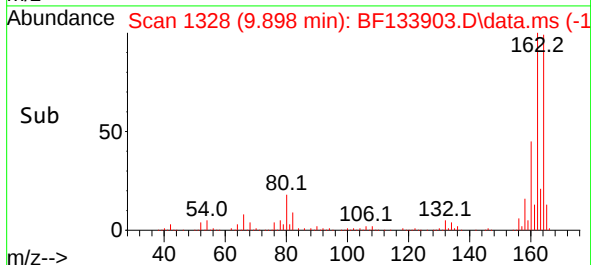
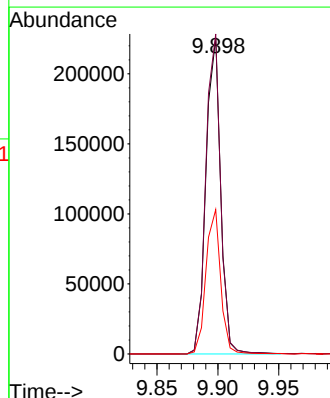
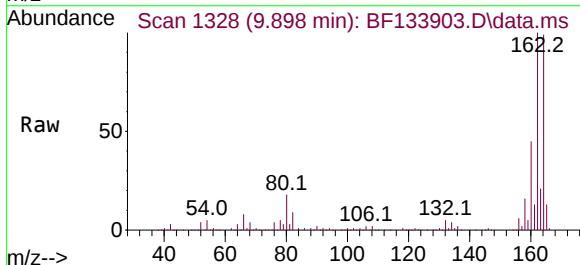
Instrument :
BNA_F
ClientSampleId :
WC-22

Tgt Ion: 82 Resp: 427568
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF133903.D
Acq: 22 Jun 2023 16:04

Tgt Ion: 164 Resp: 189239
Ion Ratio Lower Upper
164 100
162 101.2 80.8 121.2
160 45.6 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 71.495 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF133903.D

Acq: 22 Jun 2023 16:04

Instrument :

BNA_F

ClientSampleId :

WC-22

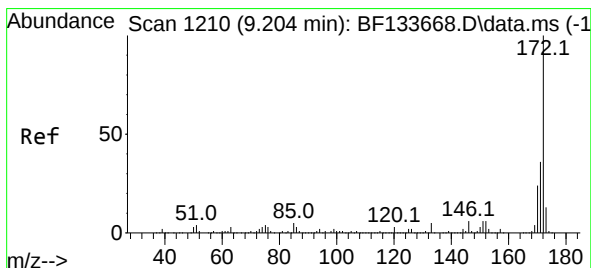
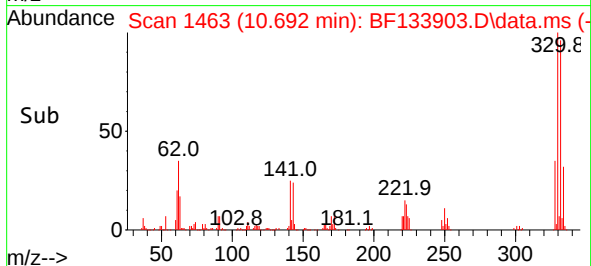
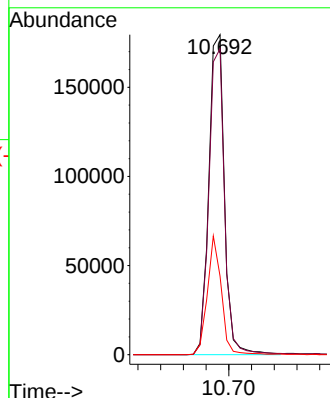
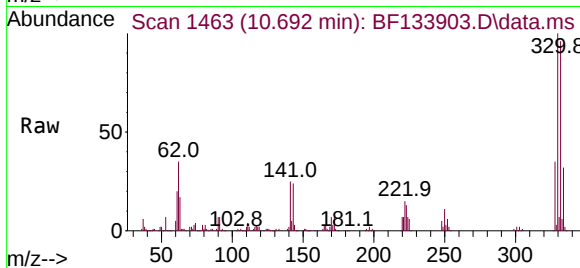
Tgt Ion:330 Resp: 171260

Ion Ratio Lower Upper

330 100

332 96.5 77.2 115.8

141 33.4 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 62.775 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133903.D

Acq: 22 Jun 2023 16:04

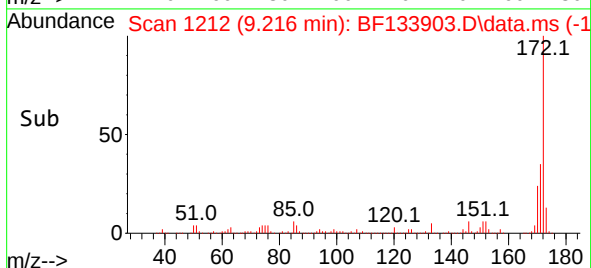
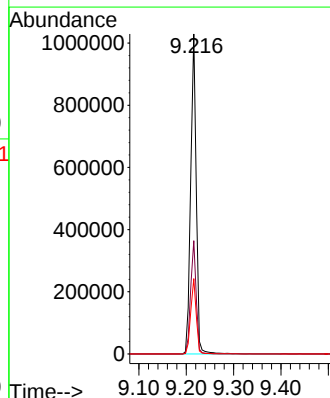
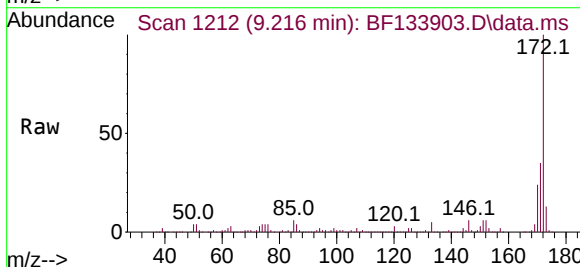
Tgt Ion:172 Resp: 835690

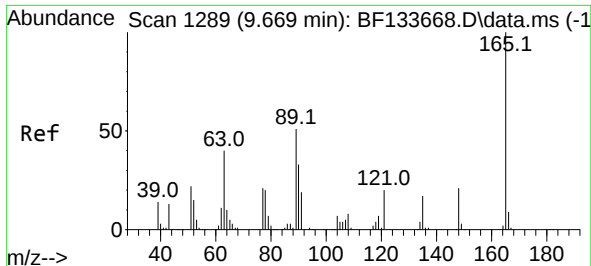
Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.6 19.1 28.7

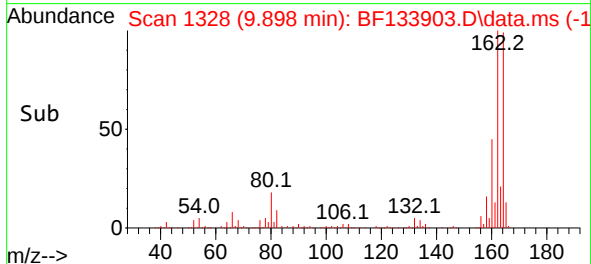
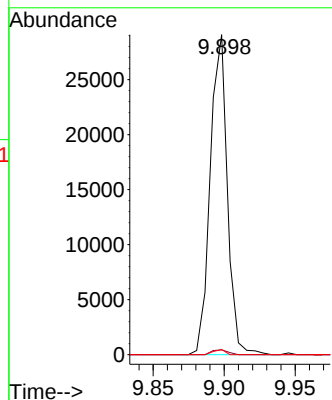
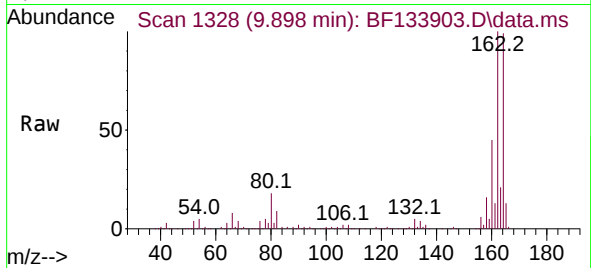




#51
2,6-Dinitrotoluene
Concen: 8.350 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.212 min
Lab File: BF133903.D
Acq: 22 Jun 2023 16:04

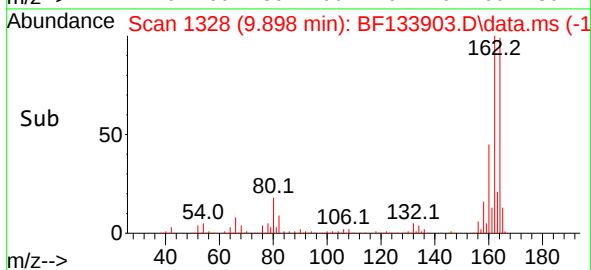
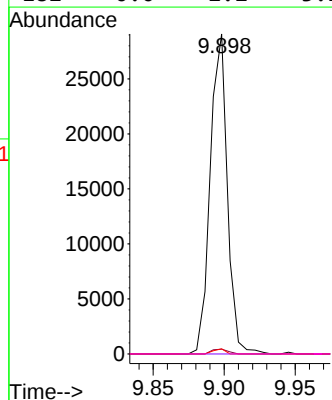
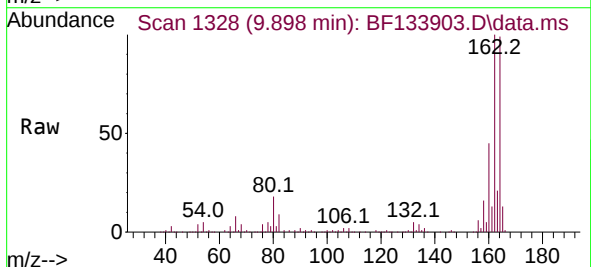
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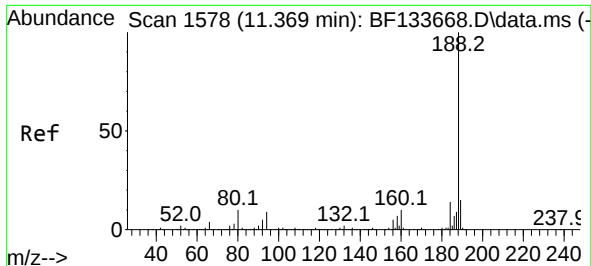
Tgt Ion:165 Resp: 24344
Ion Ratio Lower Upper
165 100
63 1.5 42.1 63.1#
89 1.6 40.9 61.3#



#57
2,4-Dinitrotoluene
Concen: 6.565 ng
RT: 9.898 min Scan# 1328
Delta R.T. -0.194 min
Lab File: BF133903.D
Acq: 22 Jun 2023 16:04

Tgt Ion:165 Resp: 24344
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 1.6 62.6 93.8#
182 0.0 2.2 3.2#

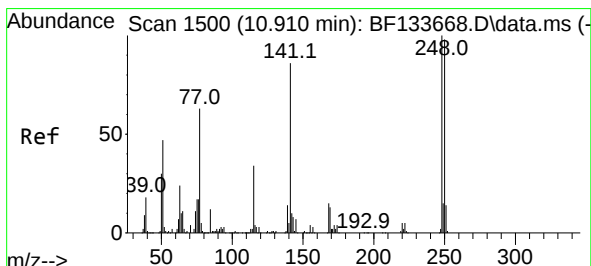
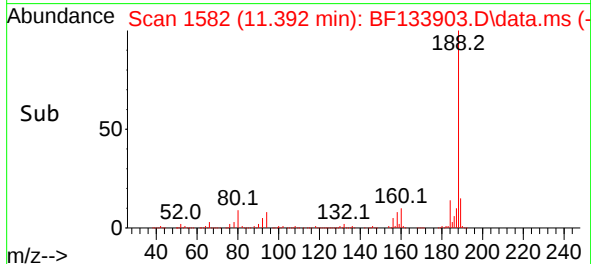
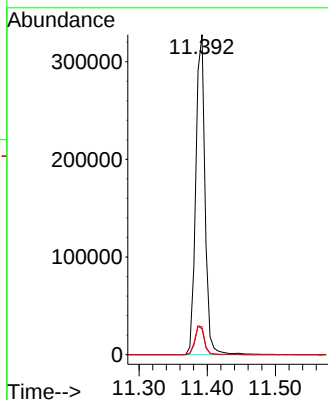
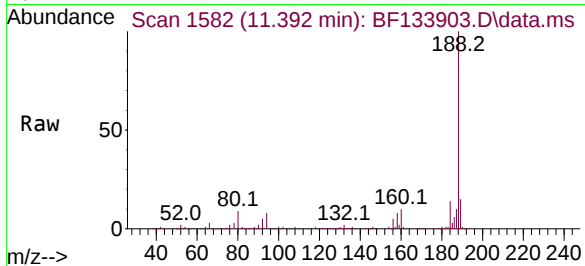




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133903.D
Acq: 22 Jun 2023 16:04

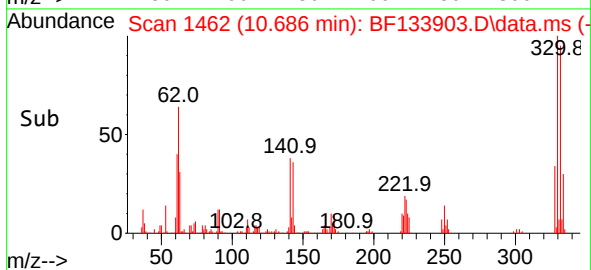
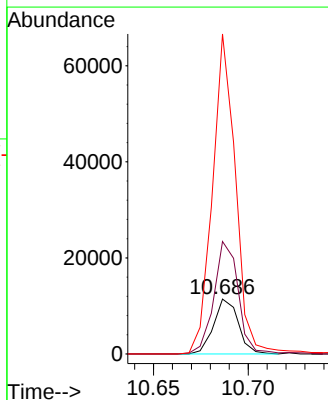
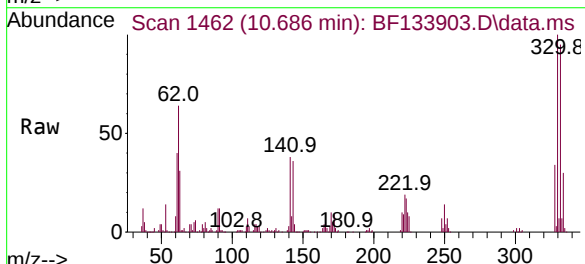
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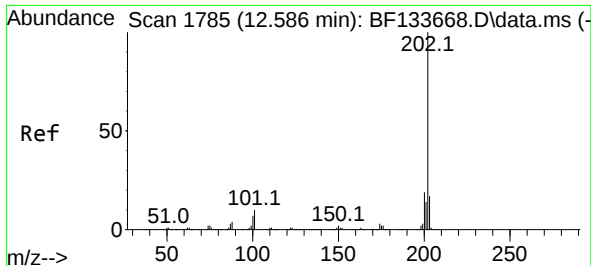
Tgt Ion:188 Resp: 307314
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.7 7.8 11.6



#67
4-Bromophenyl-phenylether
Concen: 3.020 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF133903.D
Acq: 22 Jun 2023 16:04

Tgt Ion:248 Resp: 10359
Ion Ratio Lower Upper
248 100
250 204.8 78.3 117.5#
141 583.0 69.0 103.6#

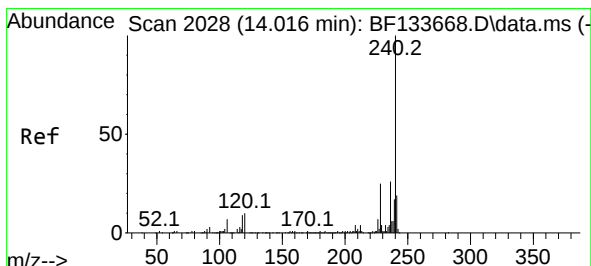
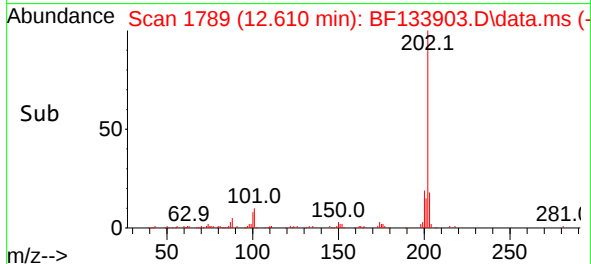
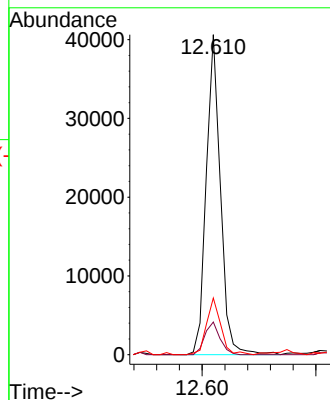
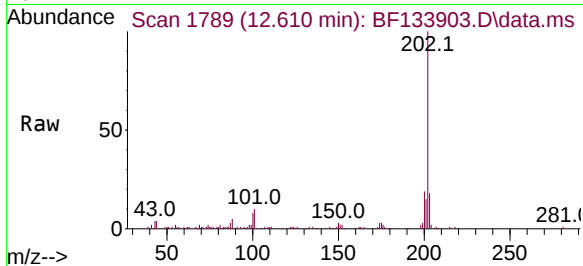




#75
Fluoranthene
Concen: 2.127 ng
RT: 12.610 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF133903.D
Acq: 22 Jun 2023 16:04

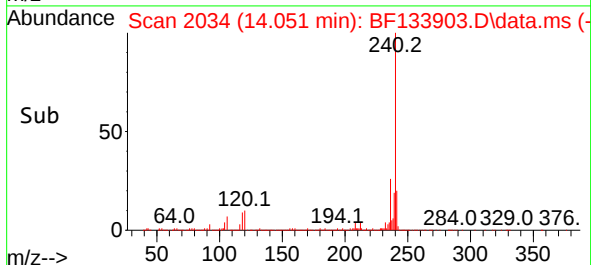
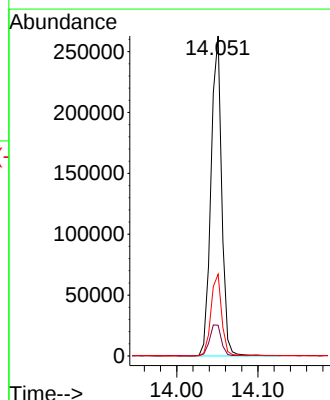
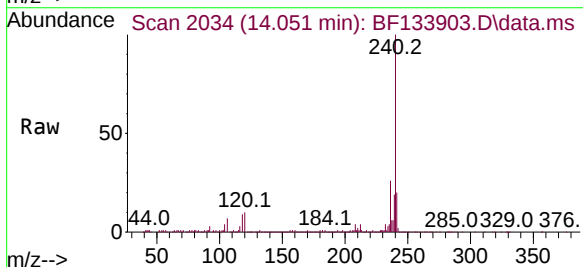
Instrument :
BNA_F
ClientSampleId :
WC-22

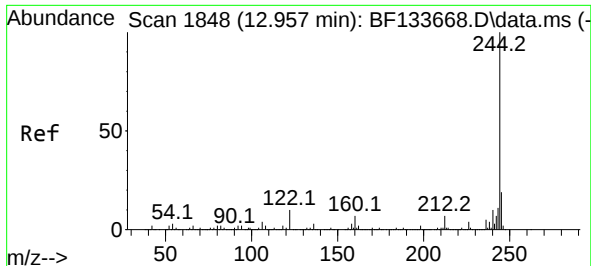
Tgt Ion:202 Resp: 35209
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.6
203 17.7 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF133903.D
Acq: 22 Jun 2023 16:04

Tgt Ion:240 Resp: 240664
Ion Ratio Lower Upper
240 100
120 9.6 8.1 12.1
236 25.6 20.5 30.7

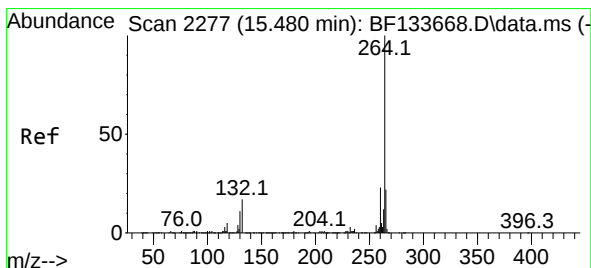
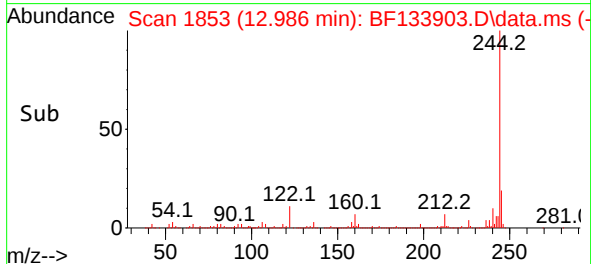
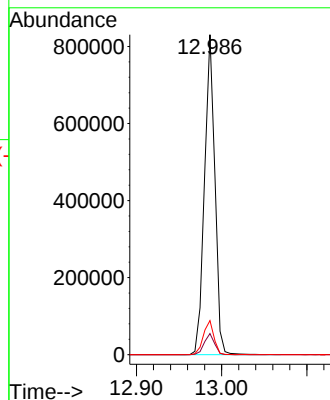
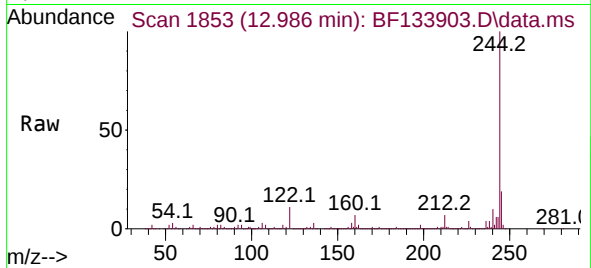




#79
 Terphenyl-d14
 Concen: 45.166 ng
 RT: 12.986 min Scan# 1853
 Delta R.T. -0.006 min
 Lab File: BF133903.D
 Acq: 22 Jun 2023 16:04

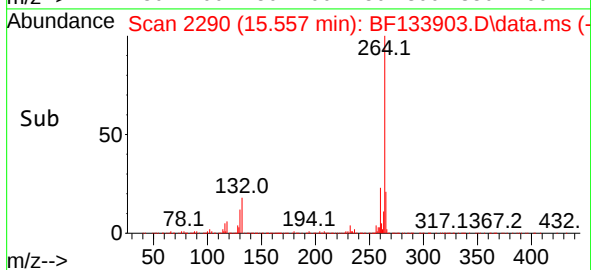
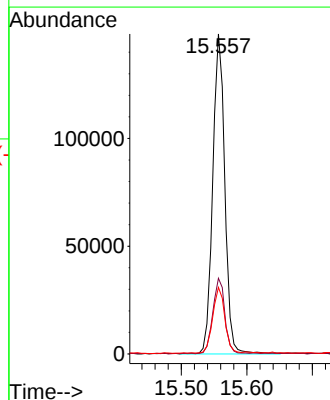
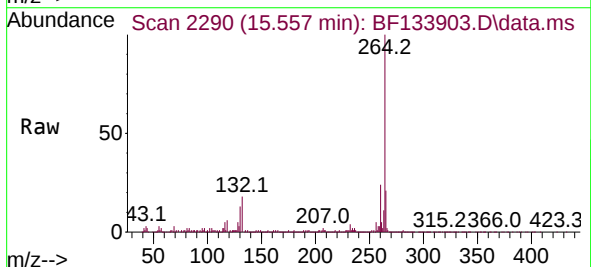
Instrument :
 BNA_F
 ClientSampleId :
 WC-22

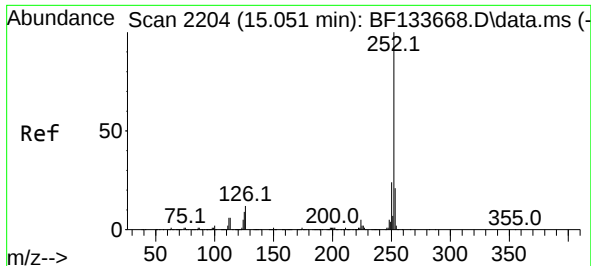
Tgt Ion:244 Resp: 702479
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.6 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. -0.006 min
 Lab File: BF133903.D
 Acq: 22 Jun 2023 16:04

Tgt Ion:264 Resp: 190570
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.2 27.2
 265 20.8 17.8 26.6

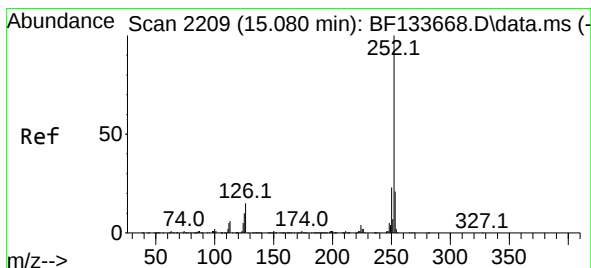
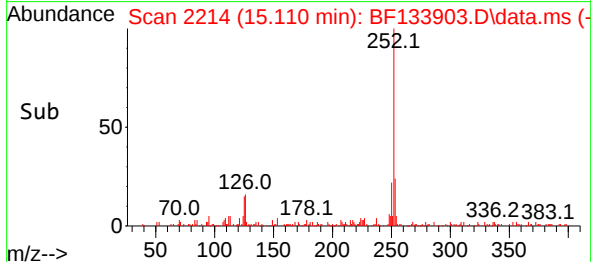
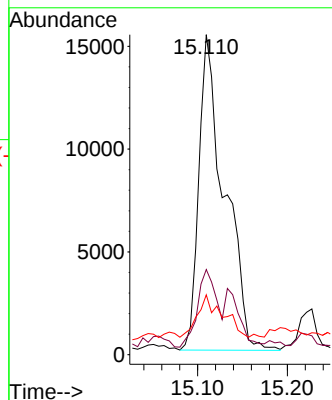
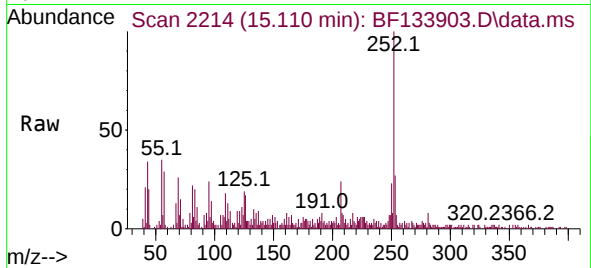




#88
Benzo(b)fluoranthene
Concen: 2.635 ng
RT: 15.110 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BF133903.D
Acq: 22 Jun 2023 16:04

Instrument :
BNA_F
ClientSampleId :
WC-22

Tgt Ion:252 Resp: 30505
Ion Ratio Lower Upper
252 100
253 26.6 17.0 25.6#
125 18.7 7.3 10.9#



#89
Benzo(k)fluoranthene
Concen: 2.705 ng
RT: 15.110 min Scan# 2214
Delta R.T. -0.035 min
Lab File: BF133903.D
Acq: 22 Jun 2023 16:04

Tgt Ion:252 Resp: 30505
Ion Ratio Lower Upper
252 100
253 26.6 17.0 25.4#
125 18.7 7.8 11.6#

