

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)

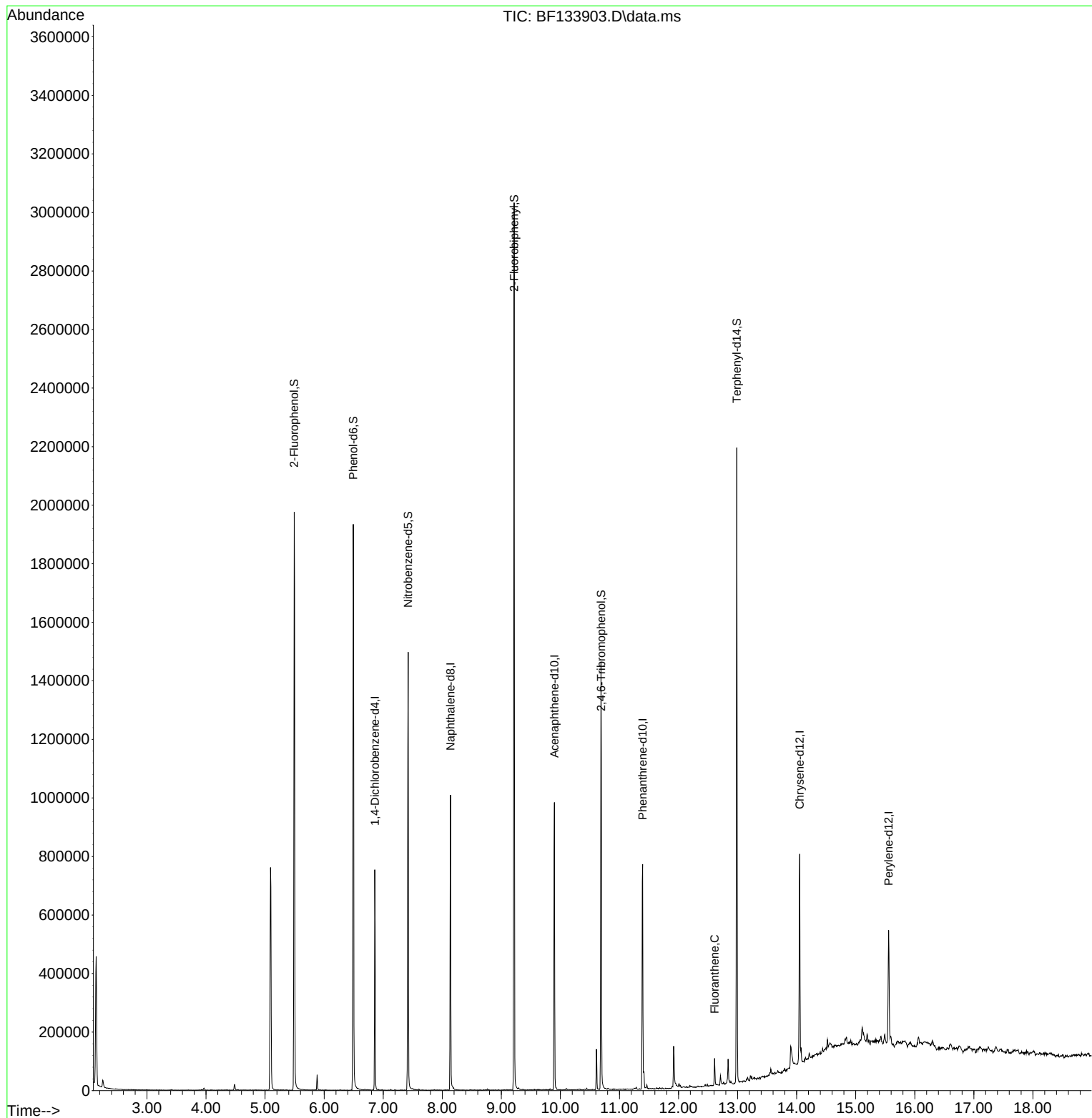
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	100873	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	407200	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	189239	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	307314	20.000	ng	0.00
76) Chrysene-d12	14.051	240	240664	20.000	ng	0.00
86) Perylene-d12	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						
75) Fluoranthene	12.610	202	35209	2.127	ng	Qvalue 99

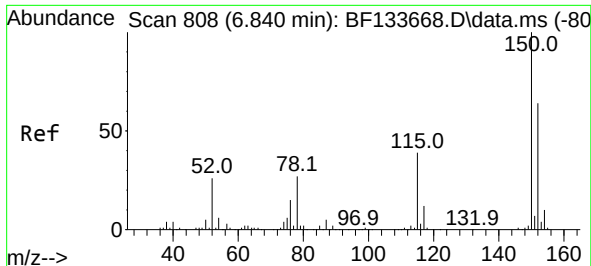
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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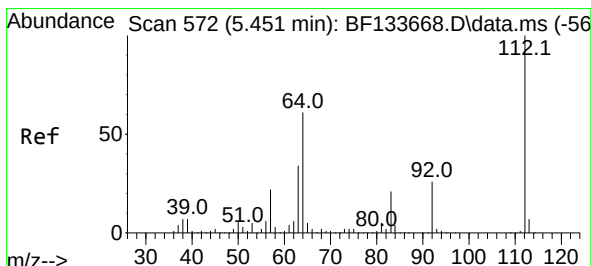
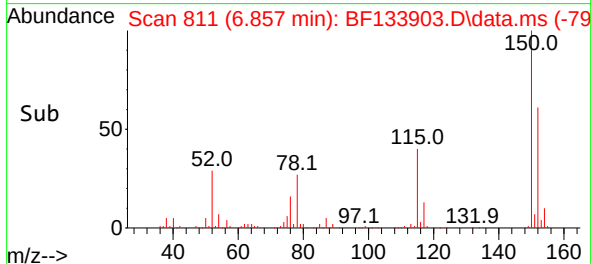
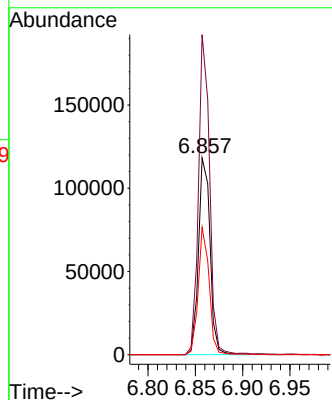
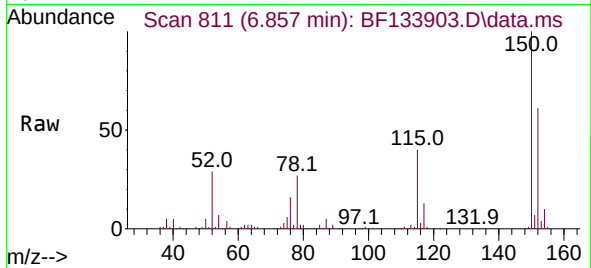




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133903.D
Acq: 22 Jun 2023 16:04

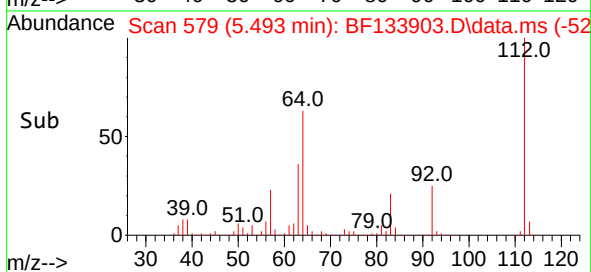
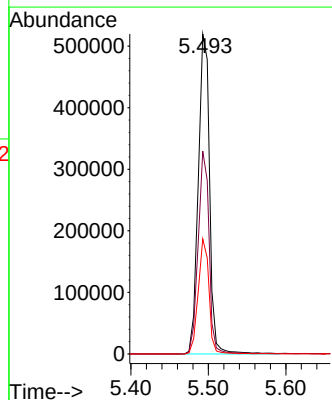
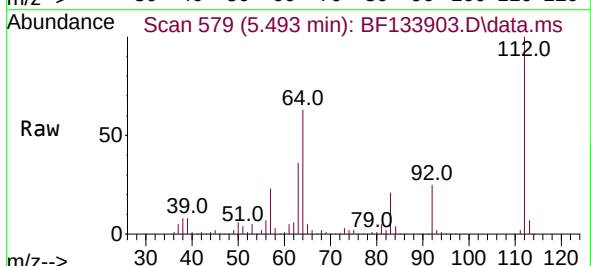
Instrument :
BNA_F
ClientSampleId :
WC-22

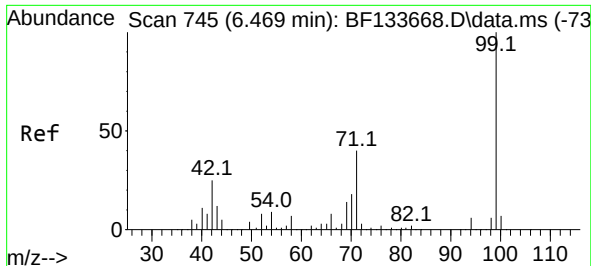
Tgt Ion:152 Resp: 100873
Ion Ratio Lower Upper
152 100
150 162.7 124.3 186.5
115 64.7 48.5 72.7



#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

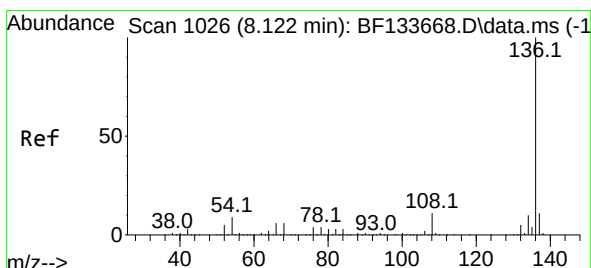
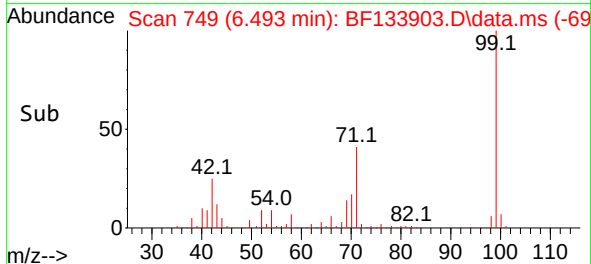
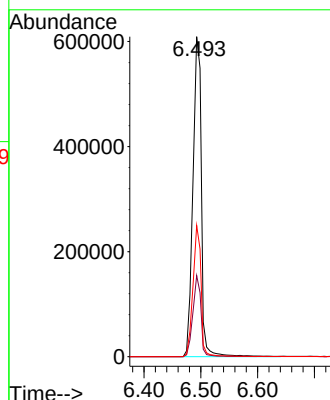
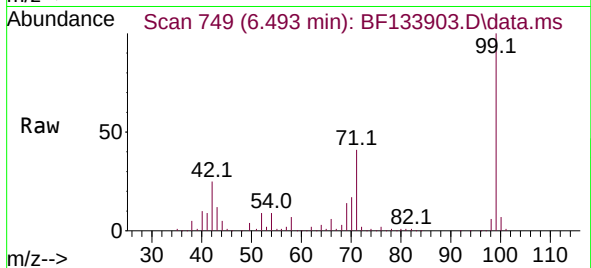




#7
Phenol-d6
Concen: 83.716 ng
RT: 6.493 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133903.D
Acq: 22 Jun 2023 16:04

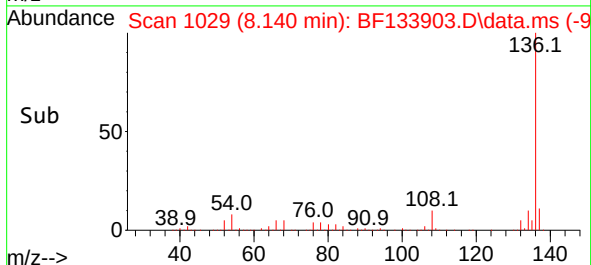
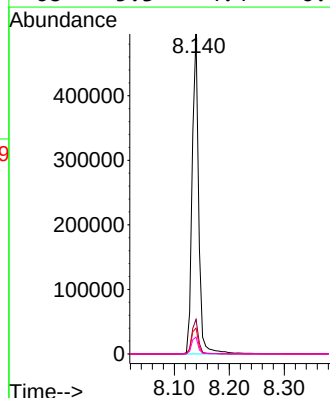
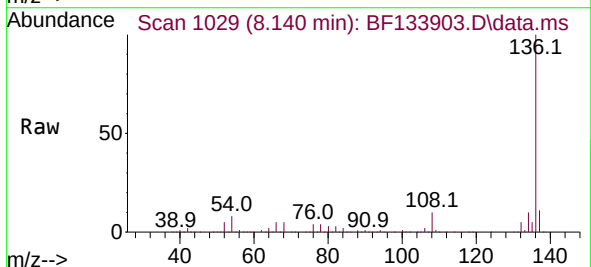
Instrument :
BNA_F
ClientSampleId :
WC-22

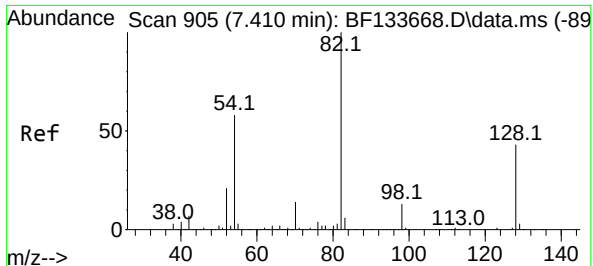
Tgt Ion: 99 Resp: 631405
Ion Ratio Lower Upper
99 100
42 25.4 19.9 29.9
71 41.0 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133903.D
Acq: 22 Jun 2023 16:04

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# 905

Delta R.T. -0.006 min

Lab File: BF133903.D

Acq: 22 Jun 2023 16:04

Instrument :

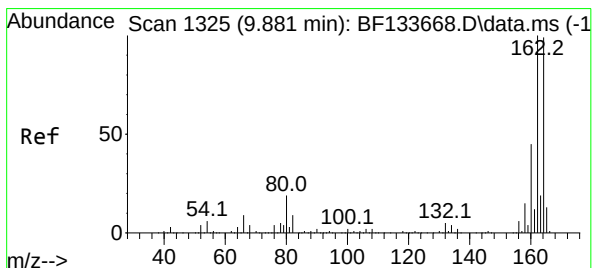
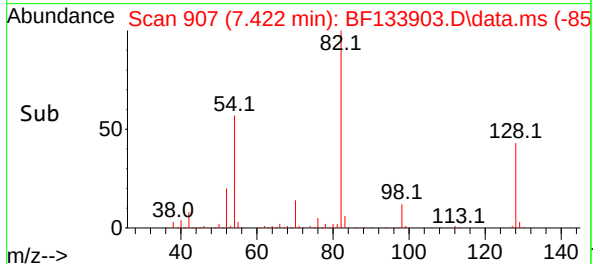
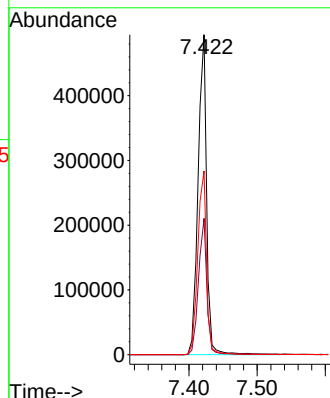
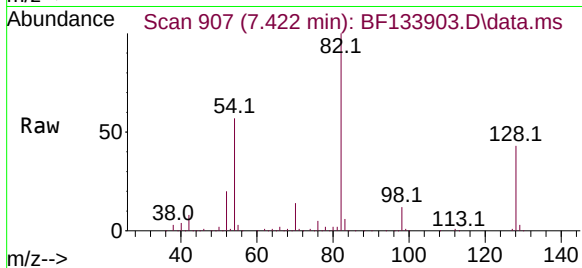
BNA_F

ClientSampleId :

WC-22

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



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.898 min Scan# 1328

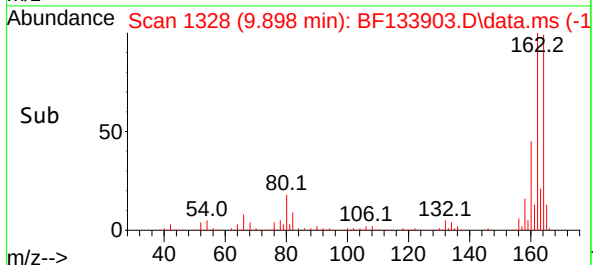
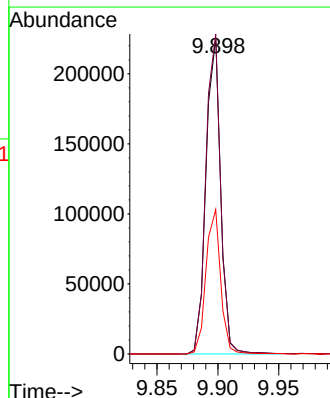
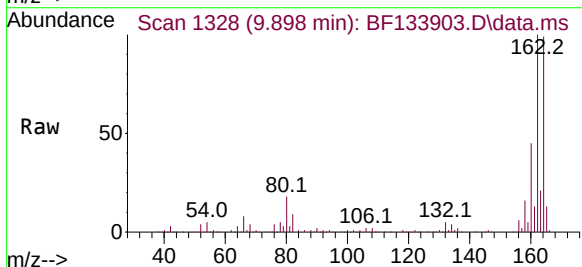
Delta R.T. 0.000 min

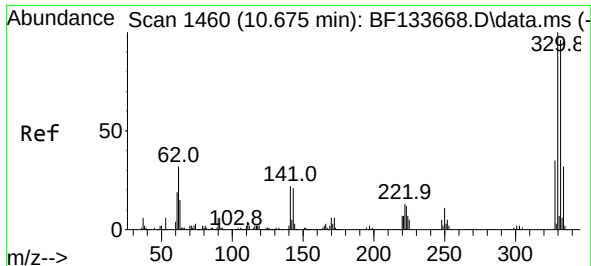
Lab File: BF133903.D

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

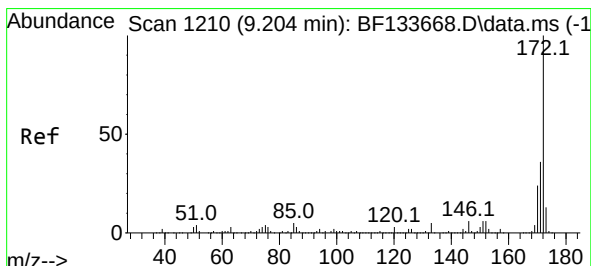
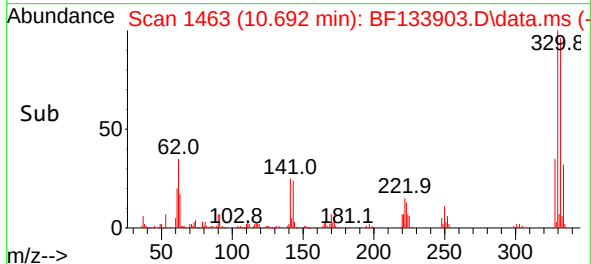
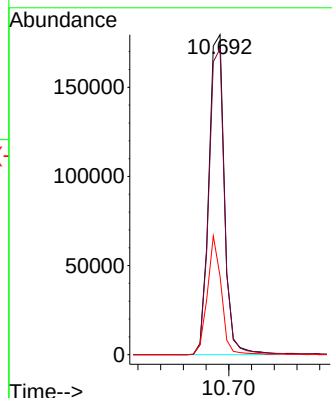
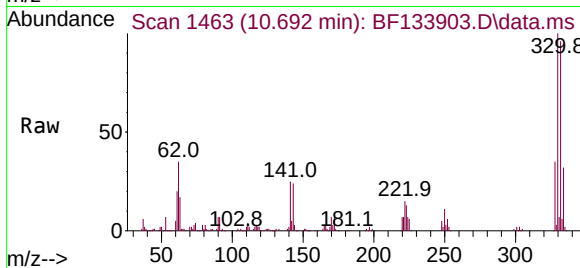
Tgt Ion:330 Resp: 171260

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

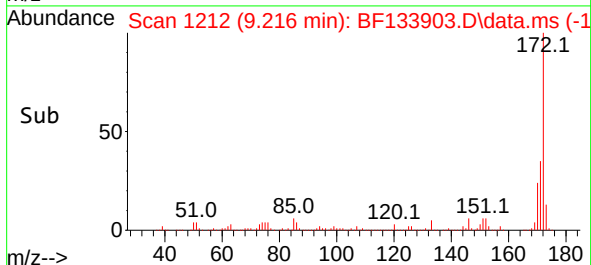
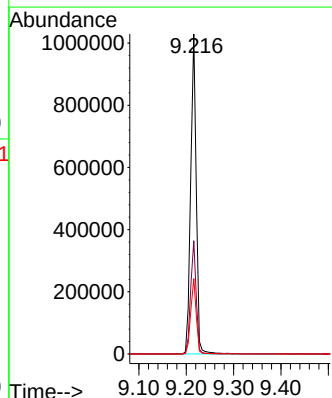
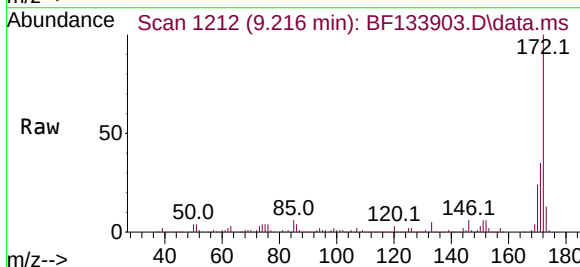
Tgt Ion:172 Resp: 835690

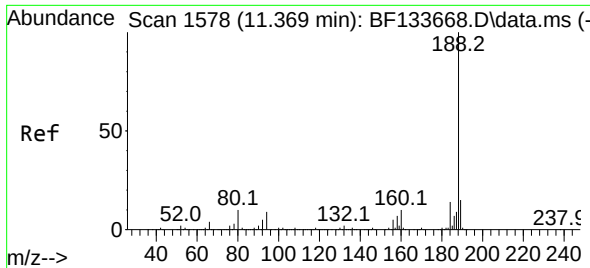
Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.6 19.1 28.7

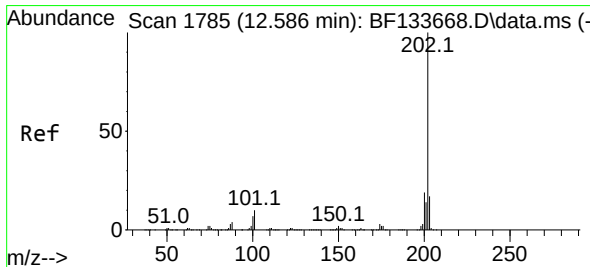
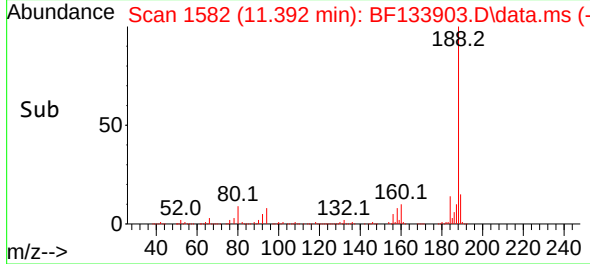
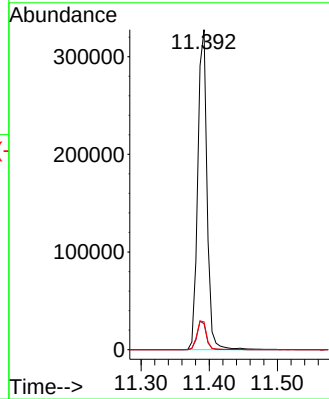
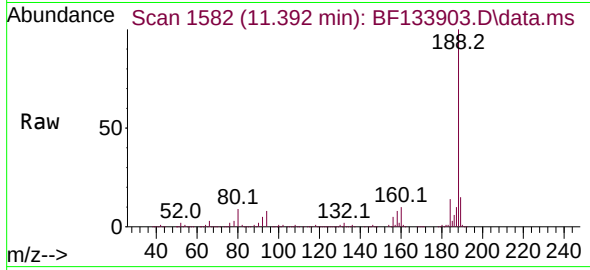




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133903.D
Acq: 22 Jun 2023 16:04

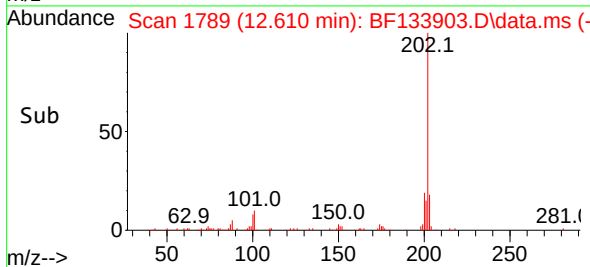
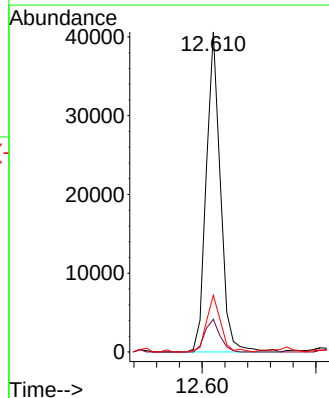
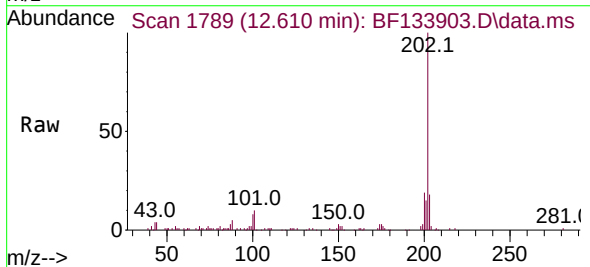
Instrument :
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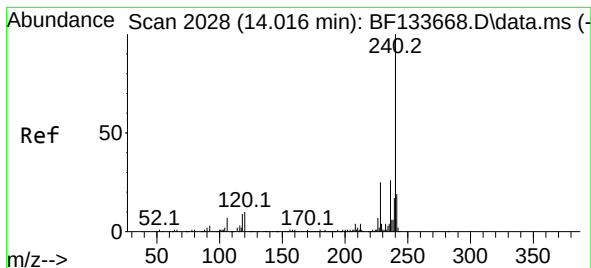
Tgt Ion:188 Resp: 307314
Ion Ratio Lower Upper
188 100
94 8.1 6.8 10.2
80 8.7 7.8 11.6



#75
Fluoranthene
Concen: 2.127 ng
RT: 12.610 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF133903.D
Acq: 22 Jun 2023 16:04

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# 2028

Delta R.T. -0.006 min

Lab File: BF133903.D

Acq: 22 Jun 2023 16:04

Instrument :

BNA_F

ClientSampleId :

WC-22

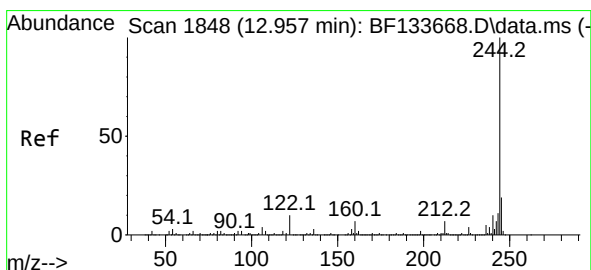
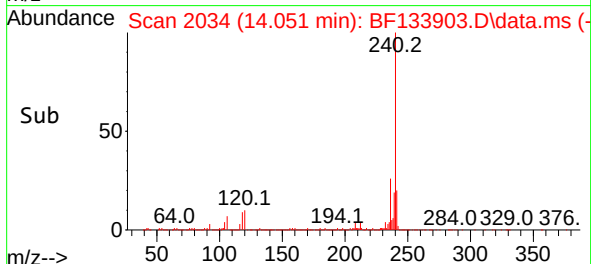
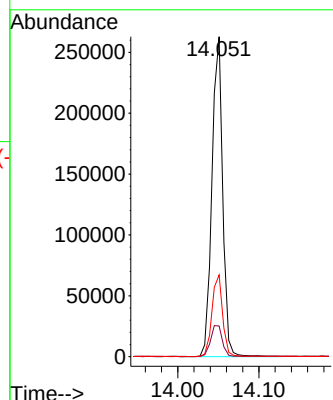
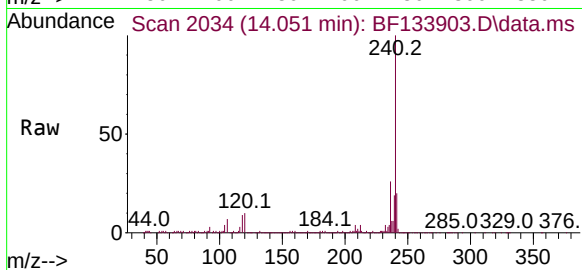
Tgt Ion:240 Resp: 240664

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

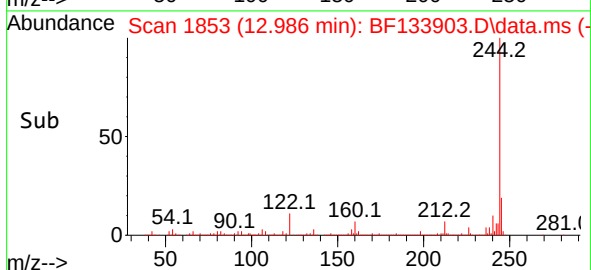
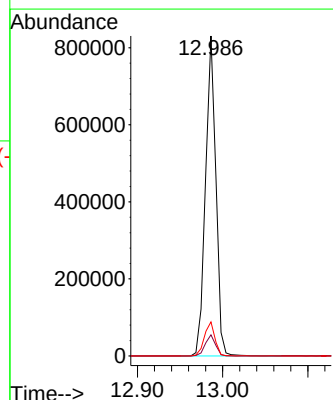
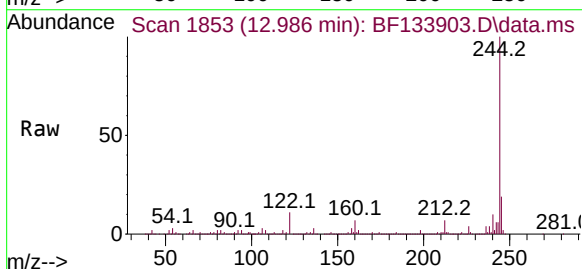
Tgt Ion:244 Resp: 702479

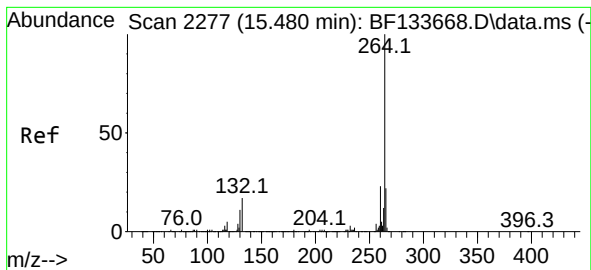
Ion Ratio Lower Upper

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# 21

Delta R.T. -0.006 min

Lab File: BF133903.D

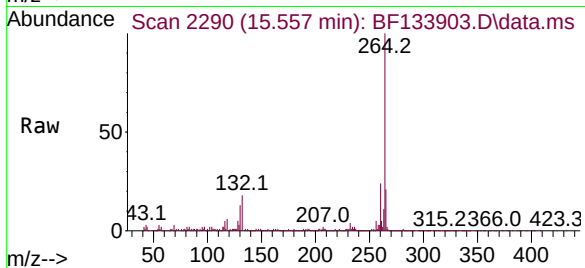
Acq: 22 Jun 2023 16:04

Instrument :

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ClientSampleId :

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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

