

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062323\
 Data File : BF133950.D
 Acq On : 23 Jun 2023 19:15
 Operator : CG\JU
 Sample : 03336-07 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Quant Time: Jun 25 02:32:49 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	6.863	152	104783	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	386782	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	161951	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	259791	20.000	ng	0.00
76) Chrysene-d12	14.051	240	179299	20.000	ng	0.00
86) Perylene-d12	15.568	264	143321	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	411619	68.388	ng	0.00
7) Phenol-d6	6.498	99	485242	61.936	ng	0.00
23) Nitrobenzene-d5	7.422	82	311215	43.825	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	108194	52.777	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	572552	50.255	ng	0.00
79) Terphenyl-d14	12.992	244	452590	39.058	ng	0.00

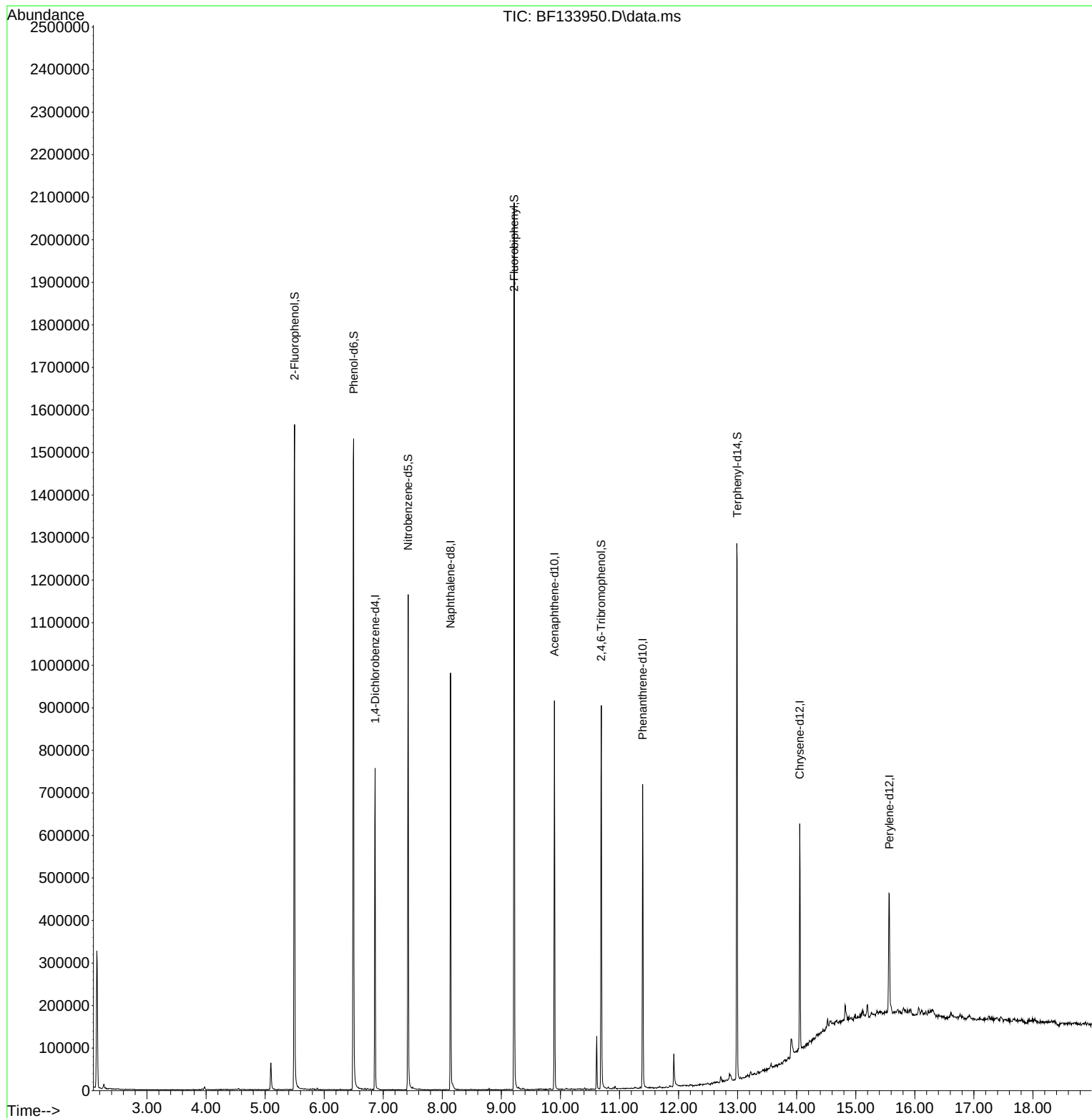
Target Compounds	Qvalue

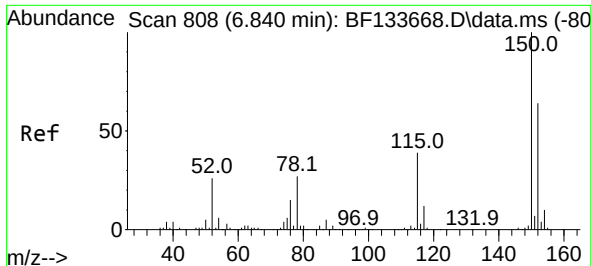
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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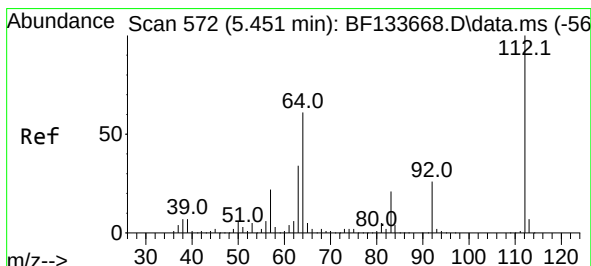
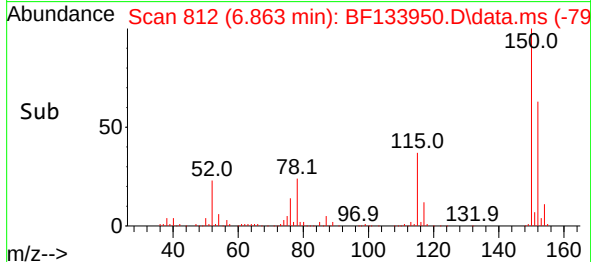
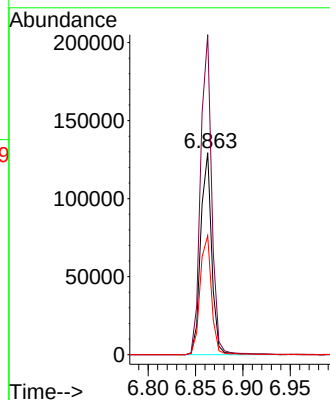
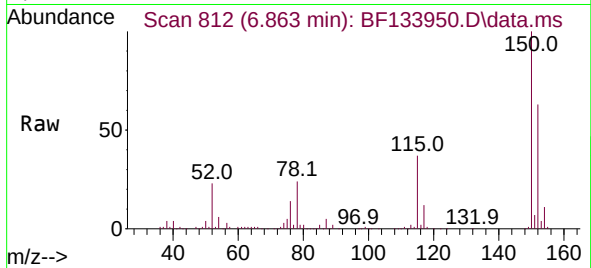




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF133950.D
 Acq: 23 Jun 2023 19:15

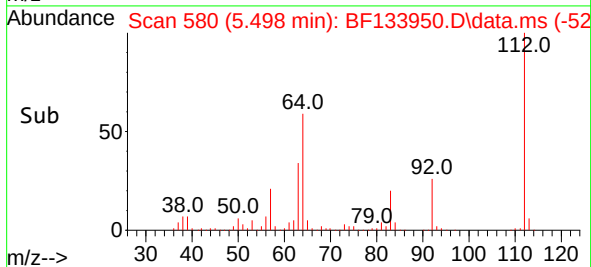
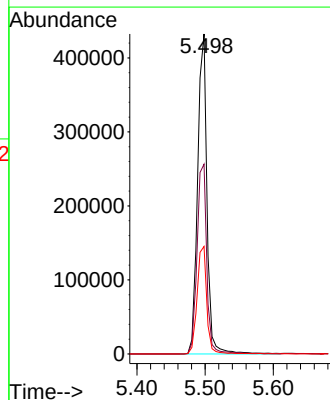
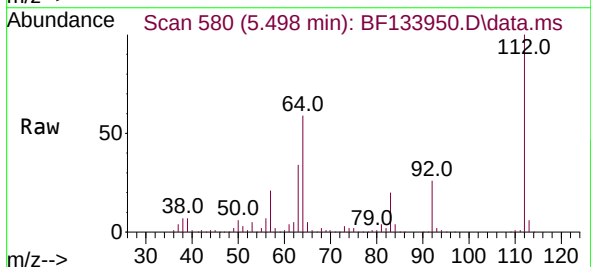
Instrument :
 BNA_F
 ClientSampleId :
 WC-4

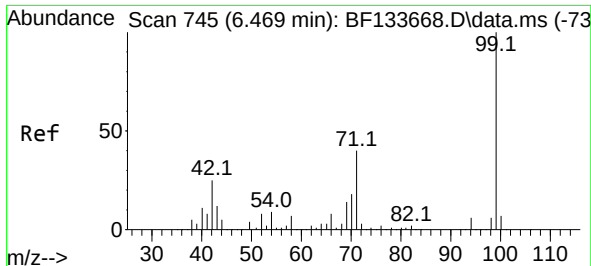
Tgt Ion:152 Resp: 104783
 Ion Ratio Lower Upper
 152 100
 150 158.4 124.3 186.5
 115 59.0 48.5 72.7



#5
 2-Fluorophenol
 Concen: 68.388 ng
 RT: 5.498 min Scan# 580
 Delta R.T. 0.006 min
 Lab File: BF133950.D
 Acq: 23 Jun 2023 19:15

Tgt Ion:112 Resp: 411619
 Ion Ratio Lower Upper
 112 100
 64 59.3 49.0 73.4
 63 33.6 26.8 40.2

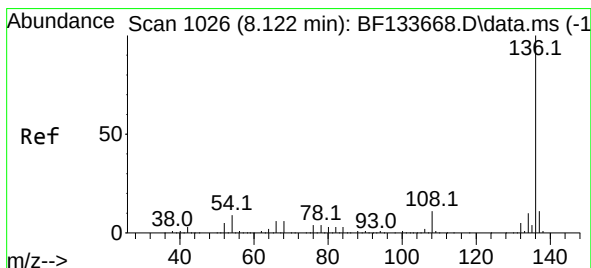
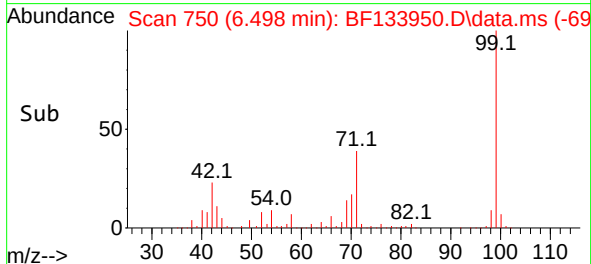
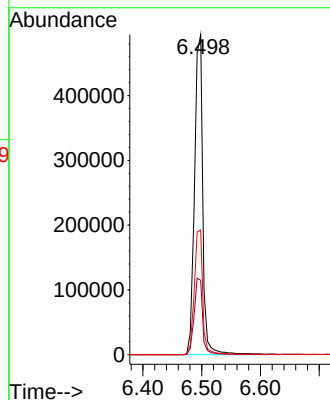
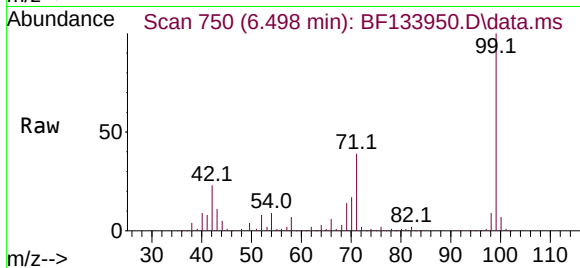




#7
Phenol-d6
Concen: 61.936 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF133950.D
Acq: 23 Jun 2023 19:15

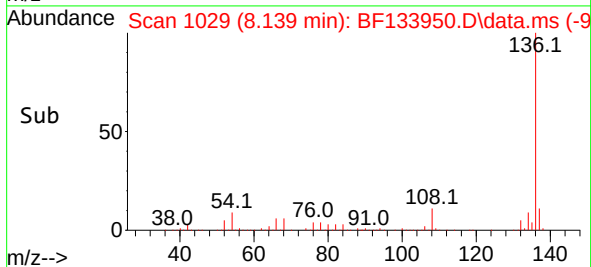
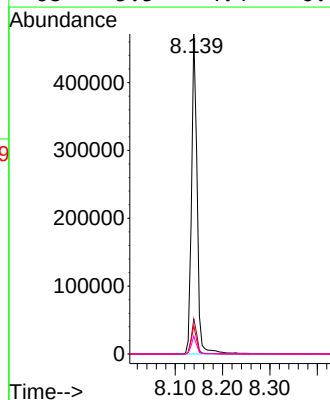
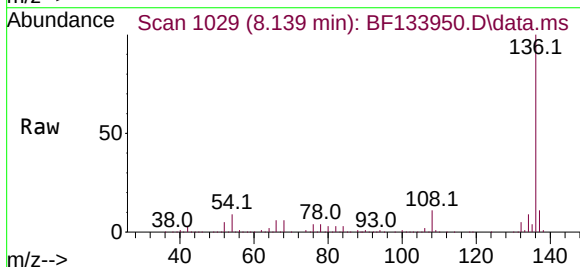
Instrument :
BNA_F
ClientSampleId :
WC-4

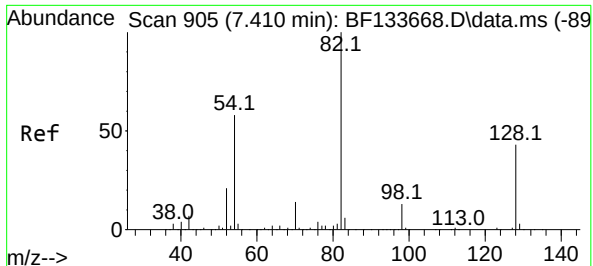
Tgt Ion: 99 Resp: 485242
Ion Ratio Lower Upper
99 100
42 23.2 19.9 29.9
71 39.0 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF133950.D
Acq: 23 Jun 2023 19:15

Tgt Ion: 136 Resp: 386782
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.7 7.4 11.0
68 5.5 4.4 6.6





#23

Nitrobenzene-d5

Concen: 43.825 ng

RT: 7.422 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133950.D

Acq: 23 Jun 2023 19:15

Instrument :

BNA_F

ClientSampleId :

WC-4

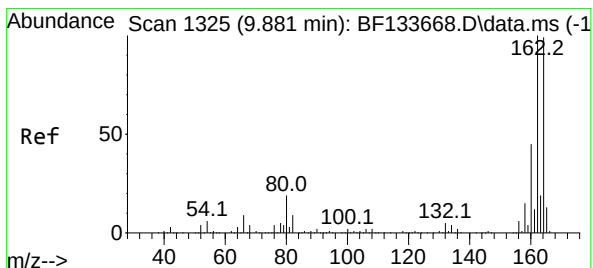
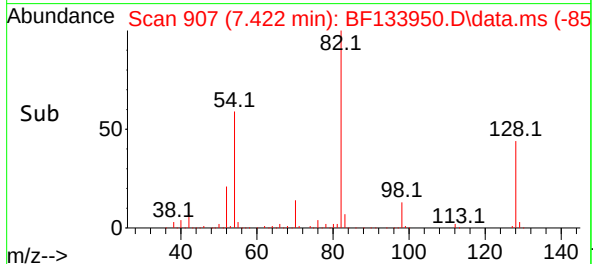
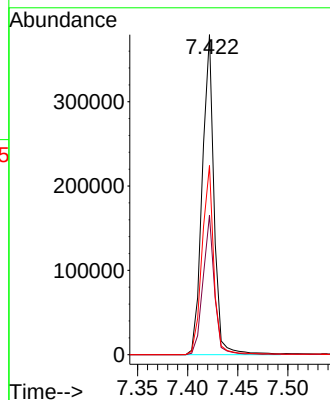
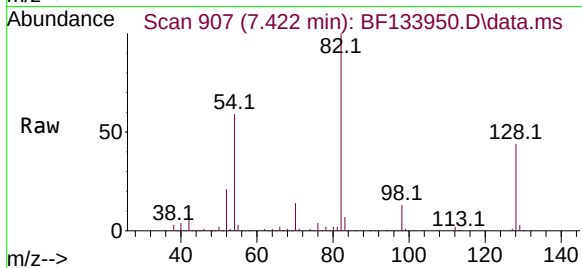
Tgt Ion: 82 Resp: 311215

Ion Ratio Lower Upper

82 100

128 43.6 34.2 51.2

54 59.1 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: BF133950.D

Acq: 23 Jun 2023 19:15

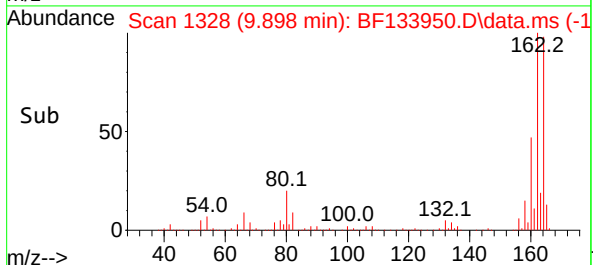
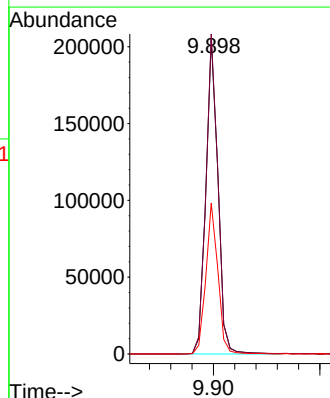
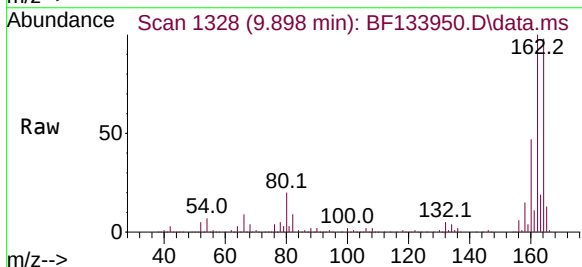
Tgt Ion:164 Resp: 161951

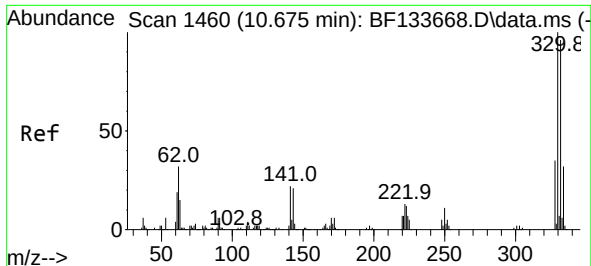
Ion Ratio Lower Upper

164 100

162 101.7 80.8 121.2

160 48.0 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 52.777 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF133950.D

Acq: 23 Jun 2023 19:15

Instrument :

BNA_F

ClientSampleId :

WC-4

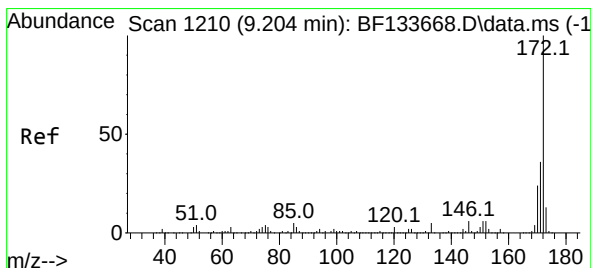
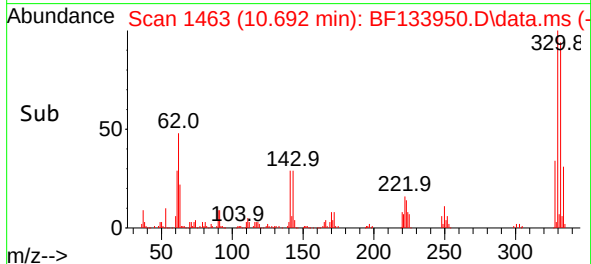
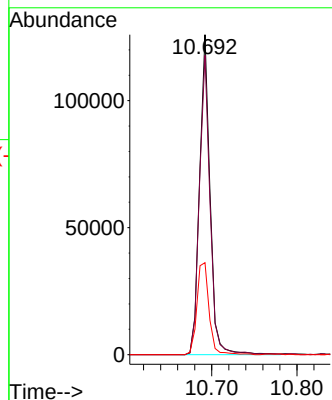
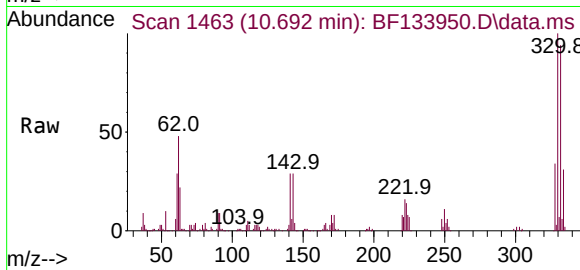
Tgt Ion:330 Resp: 108194

Ion Ratio Lower Upper

330 100

332 95.0 77.2 115.8

141 33.2 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 50.255 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133950.D

Acq: 23 Jun 2023 19:15

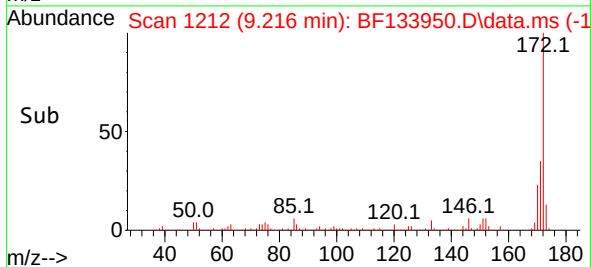
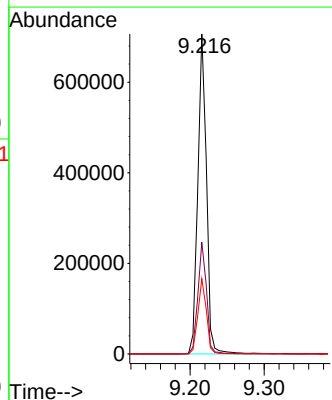
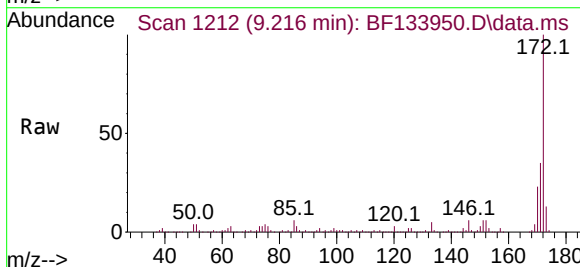
Tgt Ion:172 Resp: 572552

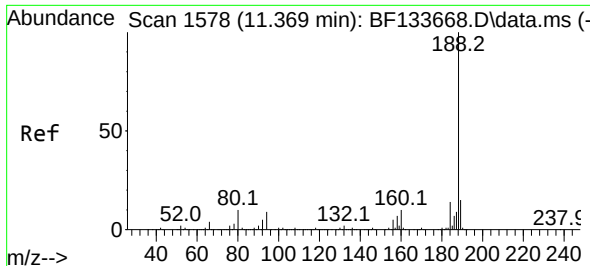
Ion Ratio Lower Upper

172 100

171 34.9 28.6 43.0

170 23.5 19.1 28.7

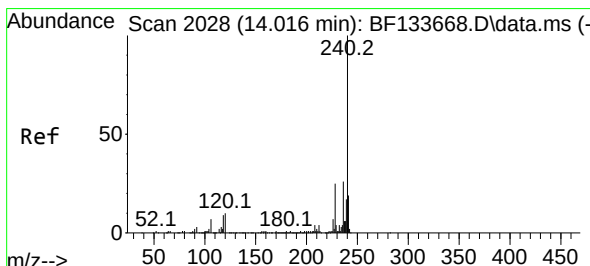
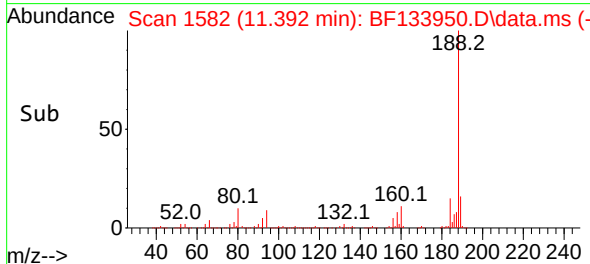
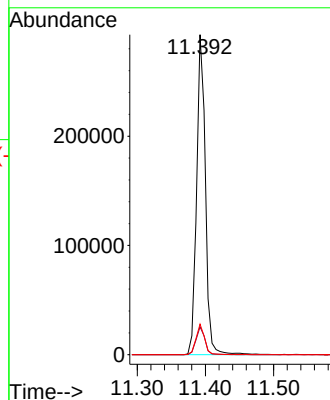
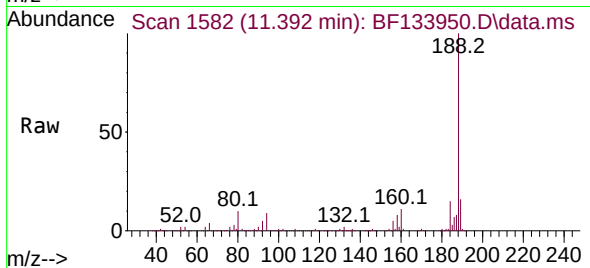




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133950.D
Acq: 23 Jun 2023 19:15

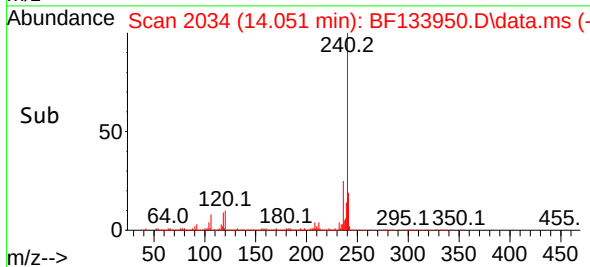
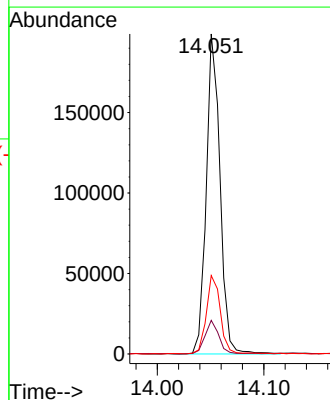
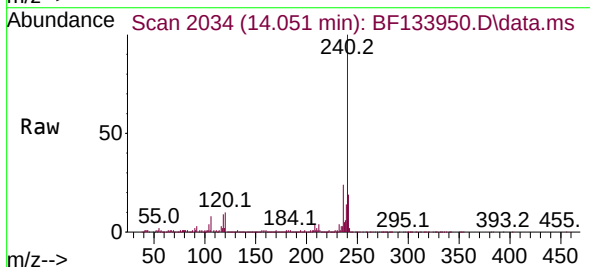
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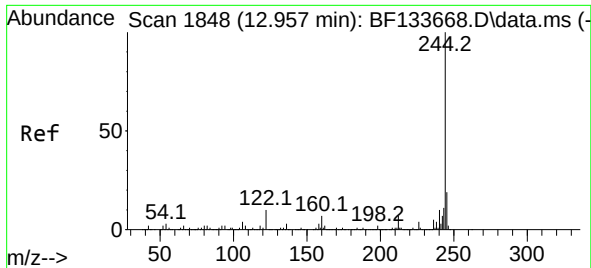
Tgt Ion:188 Resp: 259791
Ion Ratio Lower Upper
188 100
94 8.7 6.8 10.2
80 9.5 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF133950.D
Acq: 23 Jun 2023 19:15

Tgt Ion:240 Resp: 179299
Ion Ratio Lower Upper
240 100
120 10.5 8.1 12.1
236 24.5 20.5 30.7

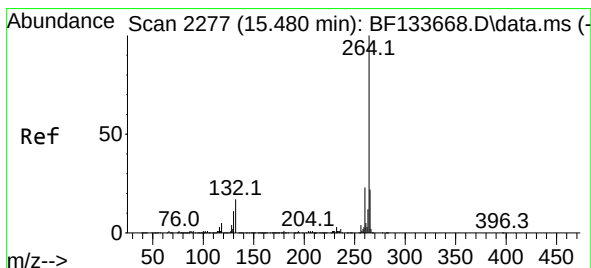
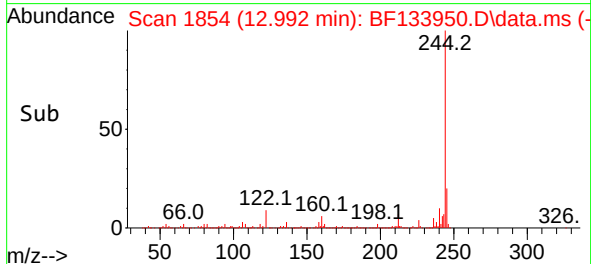
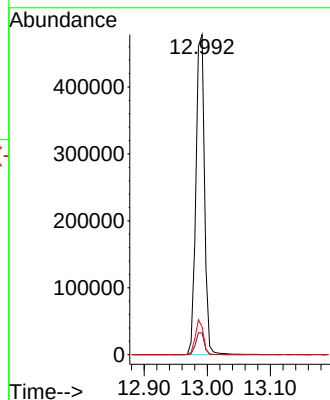
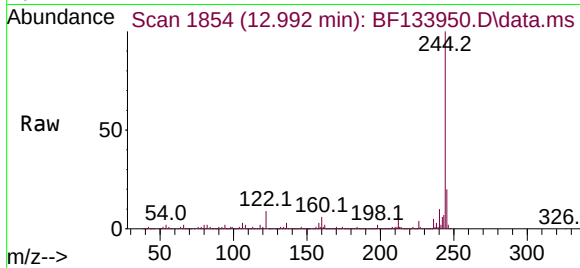




#79
 Terphenyl-d14
 Concen: 39.058 ng
 RT: 12.992 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF133950.D
 Acq: 23 Jun 2023 19:15

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Tgt Ion:244 Resp: 452590
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 8.6 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2292
 Delta R.T. 0.006 min
 Lab File: BF133950.D
 Acq: 23 Jun 2023 19:15

Tgt Ion:264 Resp: 143321
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.2 27.2
 265 21.0 17.8 26.6

