

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133904.D
 Acq On : 22 Jun 2023 16:37
 Operator : CG\JU
 Sample : 03320-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-19

Quant Time: Jun 23 02:30:20 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	102538	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	381368	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	173980	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	283779	20.000	ng	0.00
76) Chrysene-d12	14.051	240	220320	20.000	ng	0.00
86) Perylene-d12	15.557	264	175093	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	600496	101.953	ng	0.00
7) Phenol-d6	6.498	99	724775	94.535	ng	0.00
23) Nitrobenzene-d5	7.422	82	469840	67.102	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	202695	92.039	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	890139	72.729	ng	0.00
79) Terphenyl-d14	12.986	244	849854	59.687	ng	0.00

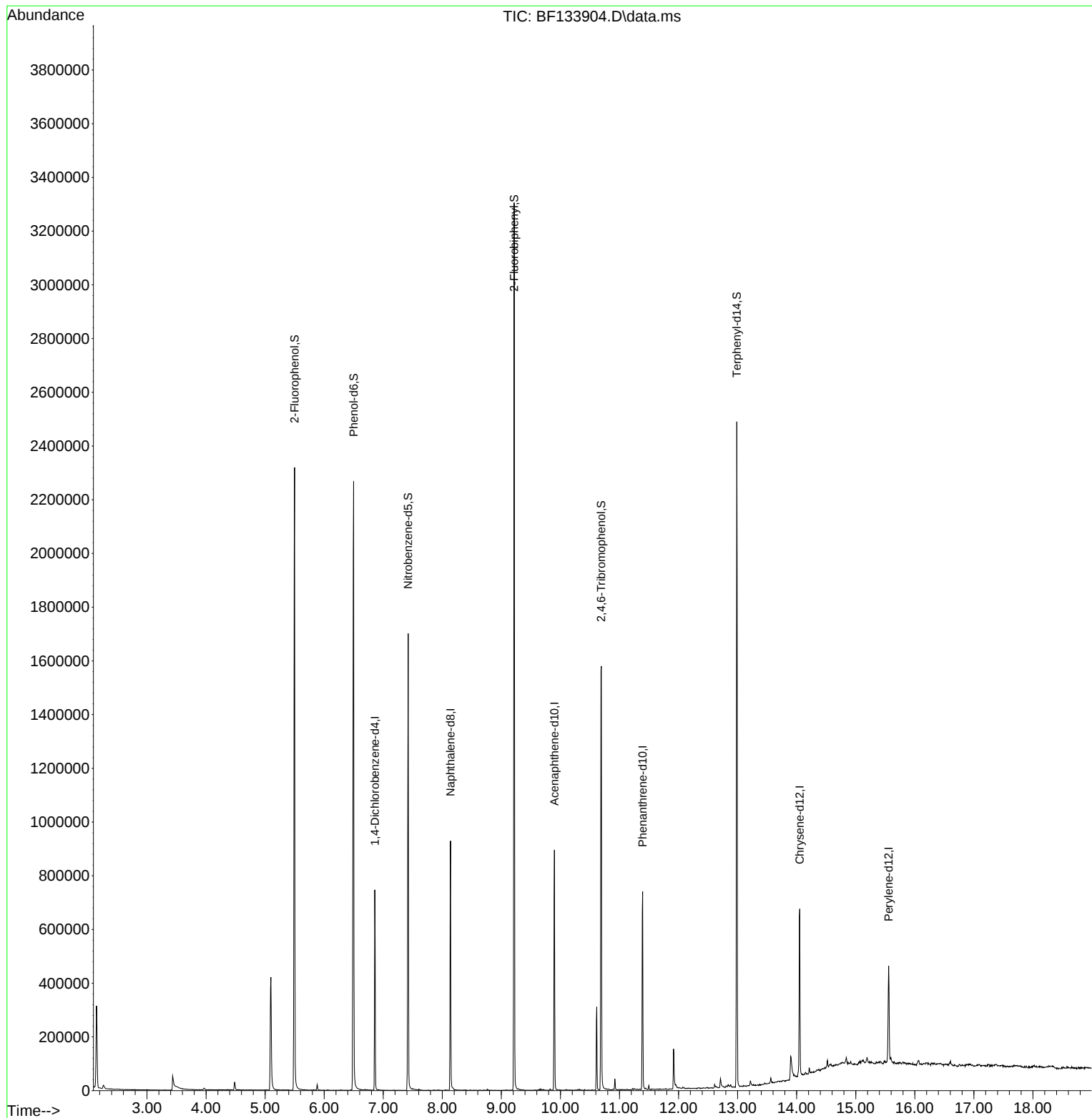
Target Compounds	Qvalue

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

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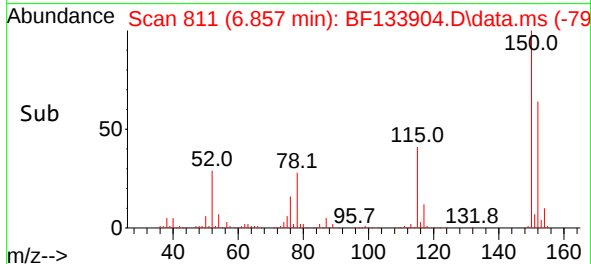
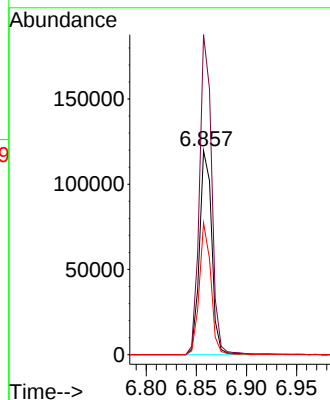
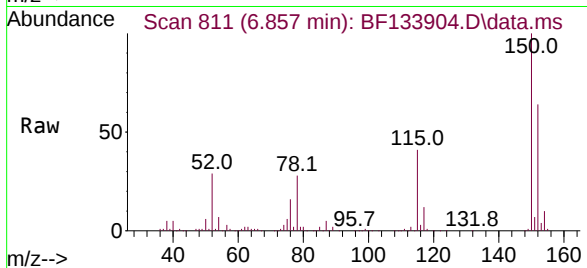




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133904.D
Acq: 22 Jun 2023 16:37

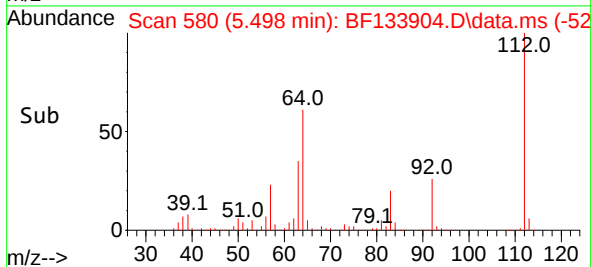
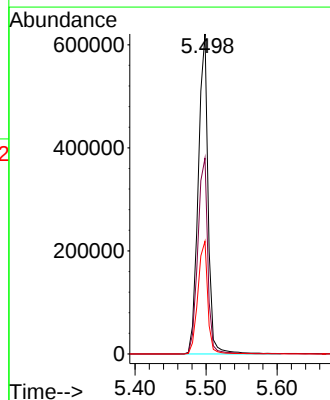
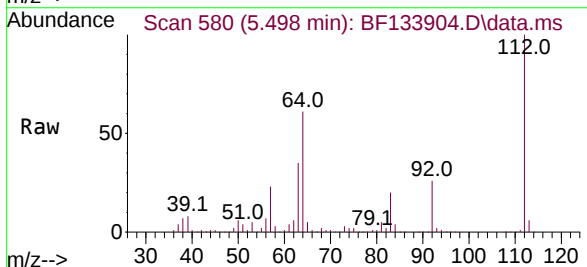
Instrument :
BNA_F
ClientSampleId :
WC-19

Tgt Ion:152 Resp: 102538
Ion Ratio Lower Upper
152 100
150 156.9 124.3 186.5
115 64.6 48.5 72.7



#5
2-Fluorophenol
Concen: 101.953 ng
RT: 5.498 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF133904.D
Acq: 22 Jun 2023 16:37

Tgt Ion:112 Resp: 600496
Ion Ratio Lower Upper
112 100
64 61.2 49.0 73.4
63 35.2 26.8 40.2

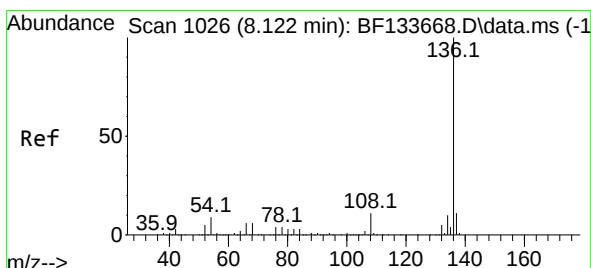
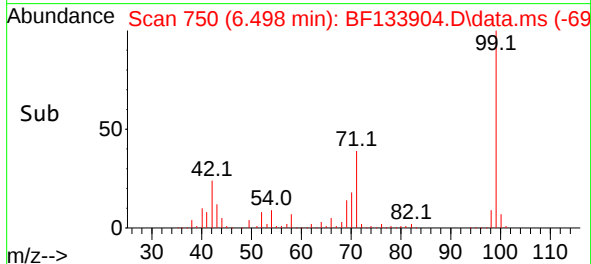
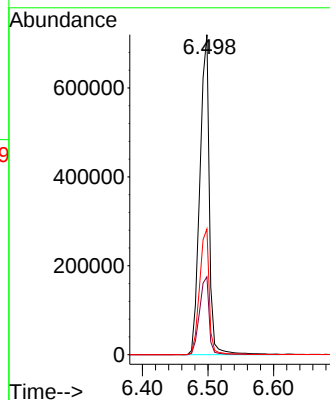
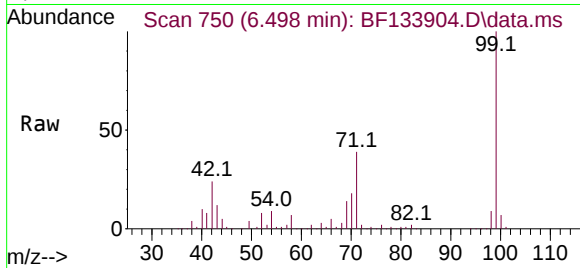




#7
Phenol-d6
Concen: 94.535 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133904.D
Acq: 22 Jun 2023 16:37

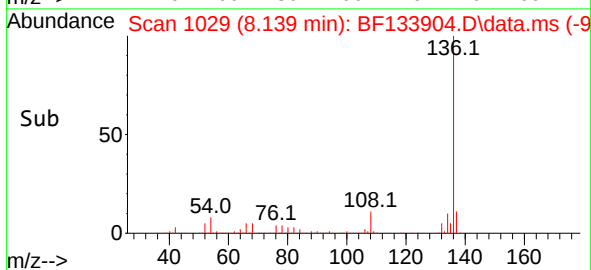
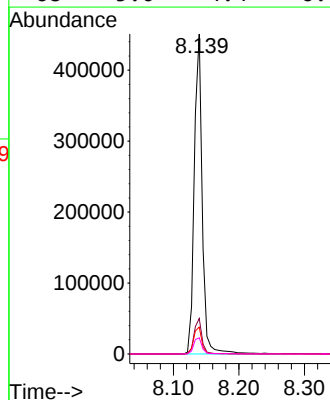
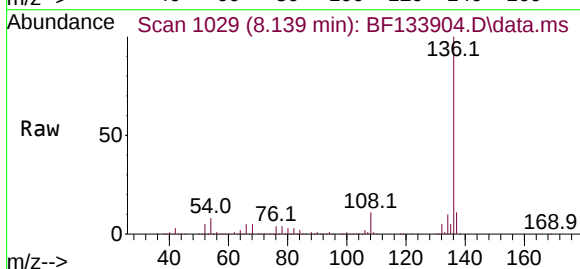
Instrument :
BNA_F
ClientSampleId :
WC-19

Tgt Ion: 99 Resp: 724775
Ion Ratio Lower Upper
99 100
42 24.4 19.9 29.9
71 39.3 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: BF133904.D
Acq: 22 Jun 2023 16:37

Tgt Ion: 136 Resp: 381368
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 8.4 7.4 11.0
68 5.0 4.4 6.6





#23

Nitrobenzene-d5

Concen: 67.102 ng

RT: 7.422 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133904.D

Acq: 22 Jun 2023 16:37

Instrument :

BNA_F

ClientSampleId :

WC-19

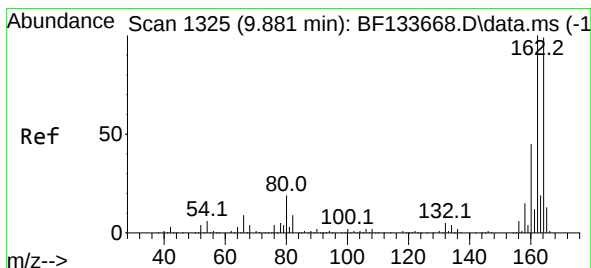
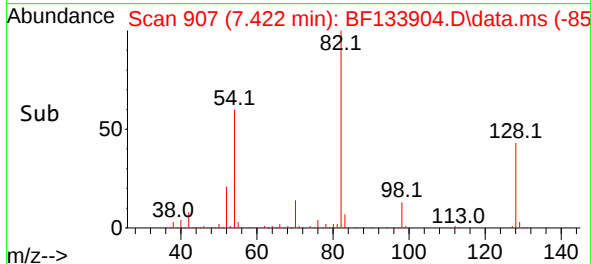
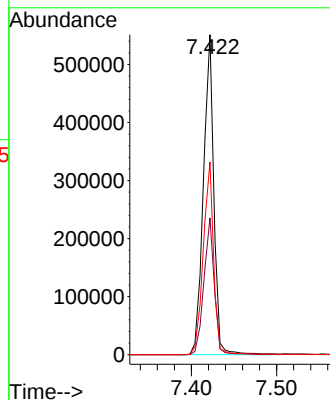
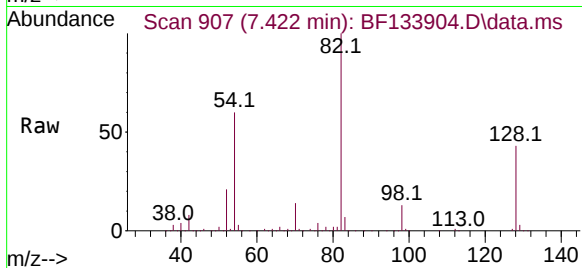
Tgt Ion: 82 Resp: 469840

Ion Ratio Lower Upper

82 100

128 42.8 34.2 51.2

54 60.2 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: BF133904.D

Acq: 22 Jun 2023 16:37

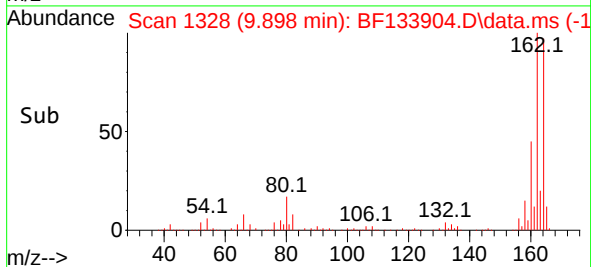
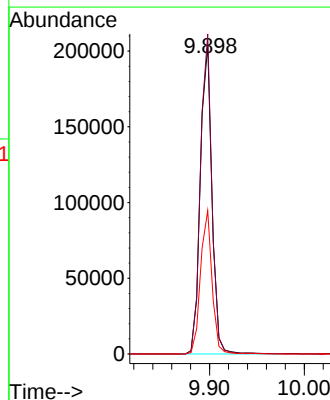
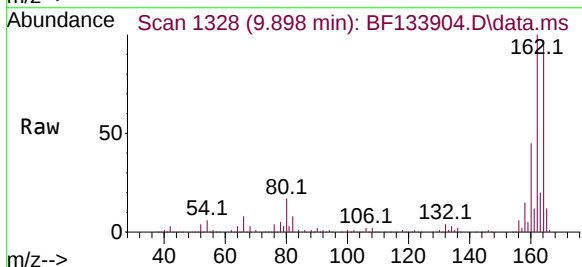
Tgt Ion:164 Resp: 173980

Ion Ratio Lower Upper

164 100

162 103.6 80.8 121.2

160 46.4 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 92.039 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF133904.D

Acq: 22 Jun 2023 16:37

Instrument :

BNA_F

ClientSampleId :

WC-19

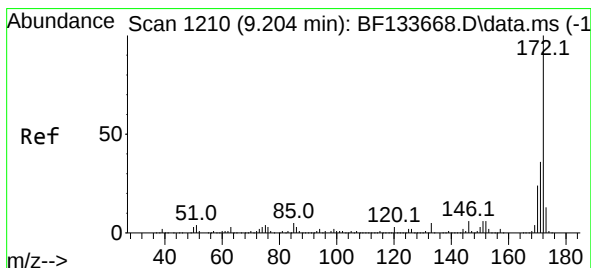
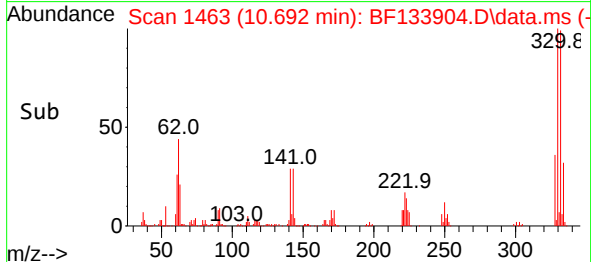
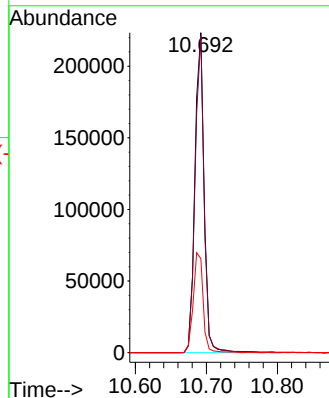
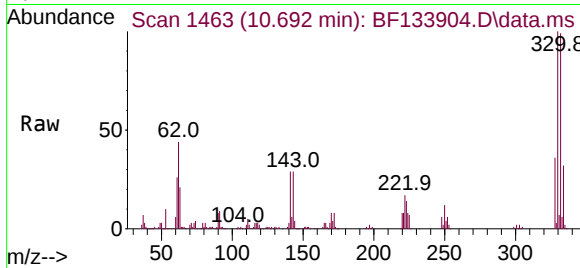
Tgt Ion:330 Resp: 202695

Ion Ratio Lower Upper

330 100

332 96.4 77.2 115.8

141 33.3 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 72.729 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133904.D

Acq: 22 Jun 2023 16:37

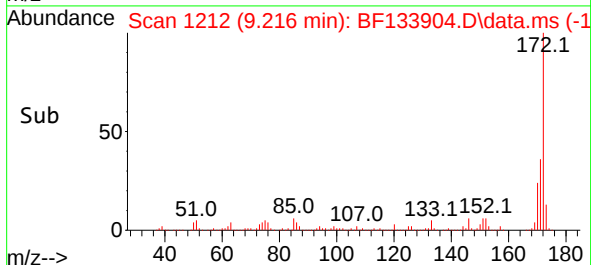
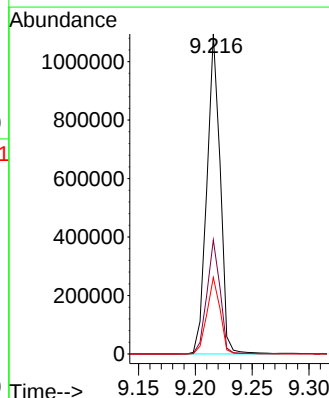
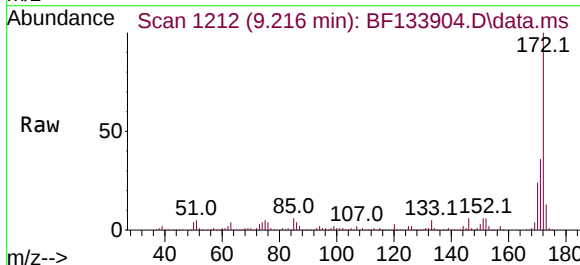
Tgt Ion:172 Resp: 890139

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

170 23.9 19.1 28.7

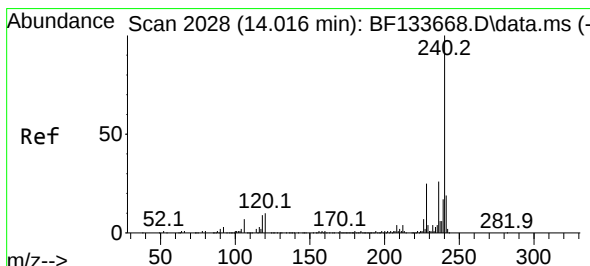
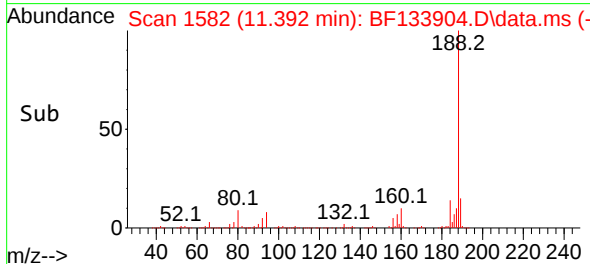
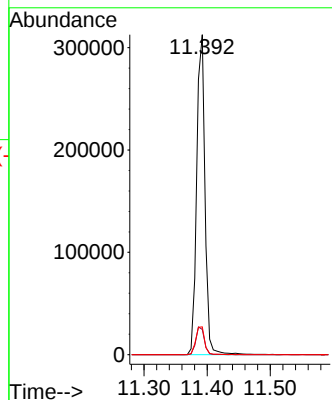
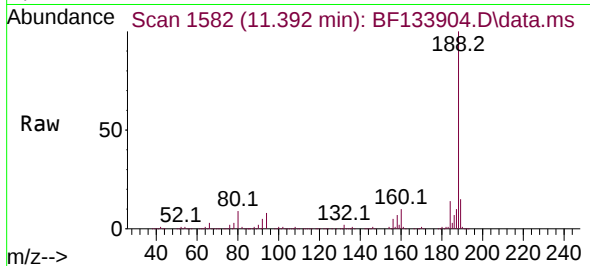




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF133904.D
Acq: 22 Jun 2023 16:37

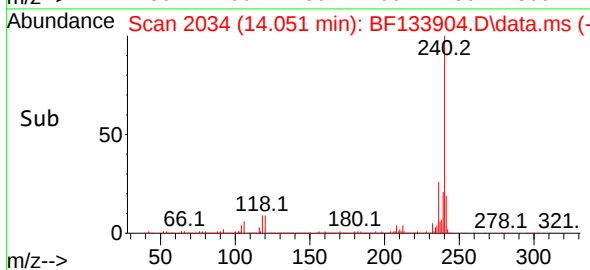
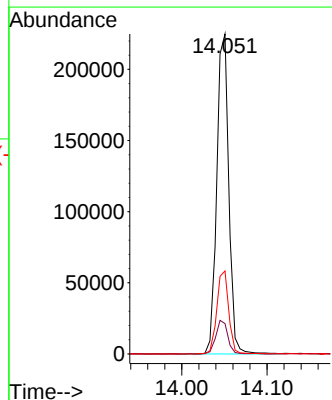
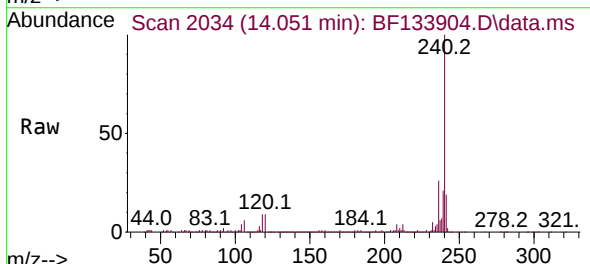
Instrument :
BNA_F
ClientSampleId :
WC-19

Tgt Ion:188 Resp: 283779
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 8.7 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: BF133904.D
Acq: 22 Jun 2023 16:37

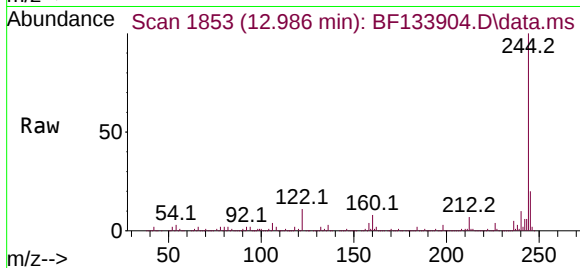
Tgt Ion:240 Resp: 220320
Ion Ratio Lower Upper
240 100
120 9.5 8.1 12.1
236 26.0 20.5 30.7





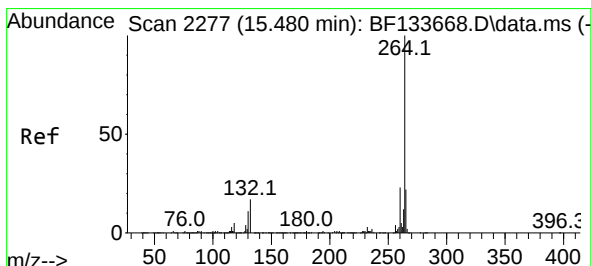
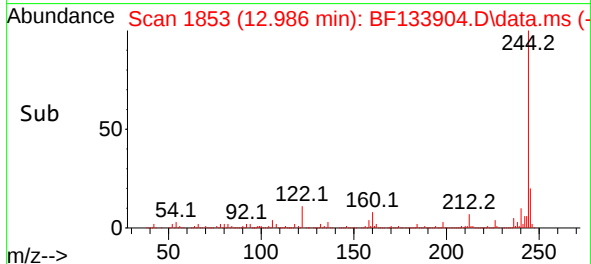
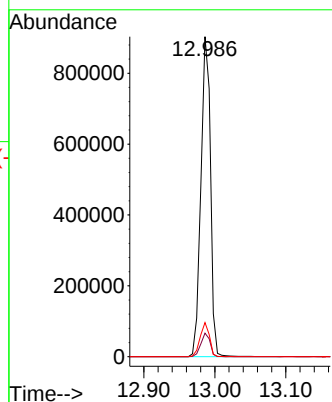
#79
 Terphenyl-d14
 Concen: 59.687 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133904.D
 Acq: 22 Jun 2023 16:37

Instrument :
 BNA_F
 ClientSampleId :
 WC-19



Tgt Ion:244 Resp: 849854

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.4	8.2
122	10.7	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: BF133904.D
 Acq: 22 Jun 2023 16:37

Tgt Ion:264 Resp: 175093

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.2
265	21.0	17.8	26.6

