

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133921.D
 Acq On : 23 Jun 2023 02:01
 Operator : CG\JU
 Sample : 03321-17
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-20

Quant Time: Jun 23 05:06:39 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	99021	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	389858	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	203423	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	421219	20.000	ng	0.00
76) Chrysene-d12	14.045	240	330038	20.000	ng	-0.01
86) Perylene-d12	15.557	264	252936	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	814108	143.129	ng	0.02
7) Phenol-d6	6.498	99	902613	121.913	ng	0.00
23) Nitrobenzene-d5	7.422	82	739257	103.281	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	393991	153.008	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1347473	94.161	ng	0.00
79) Terphenyl-d14	12.992	244	1853717	86.909	ng	0.00

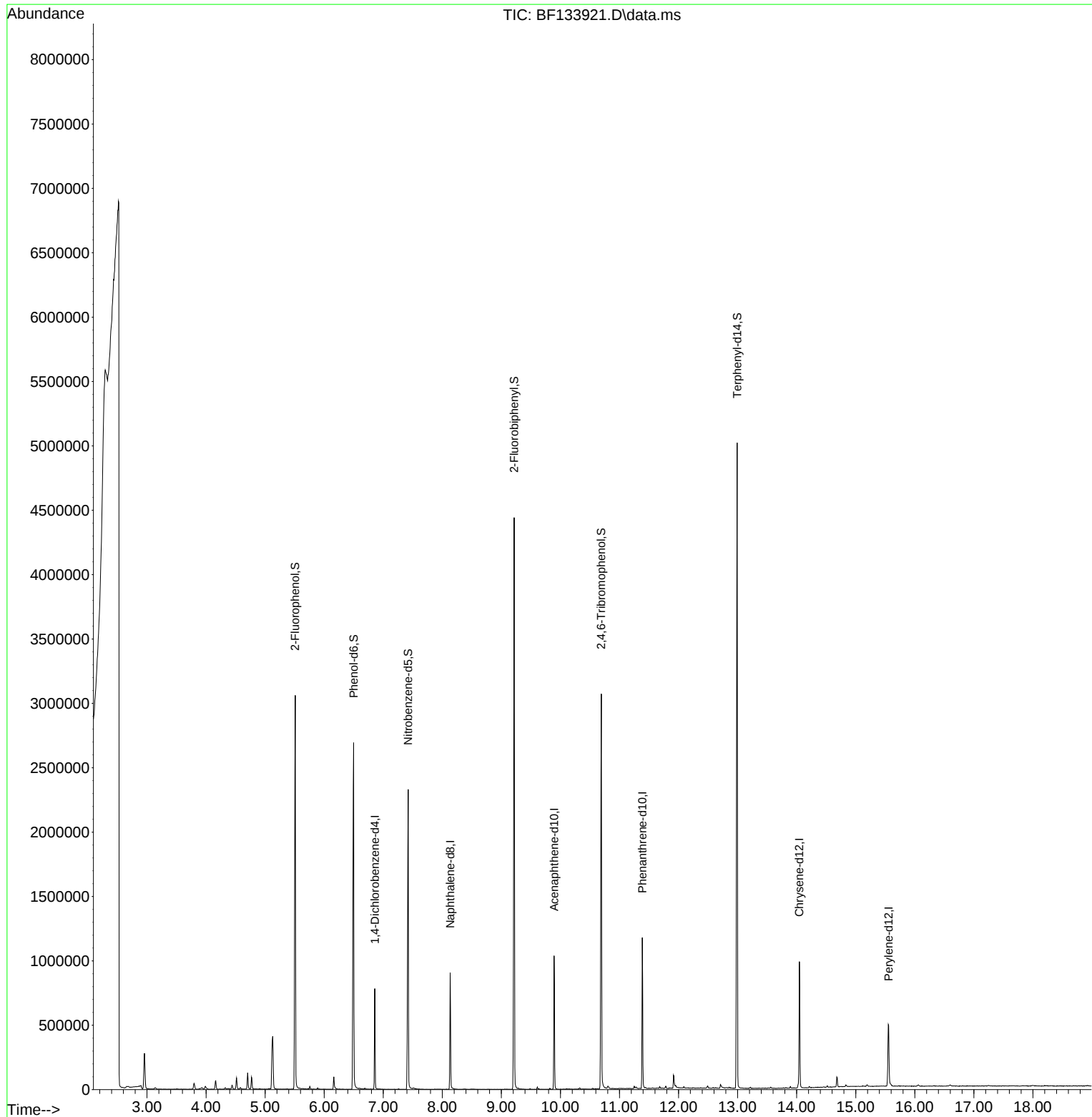
Target Compounds	Qvalue

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

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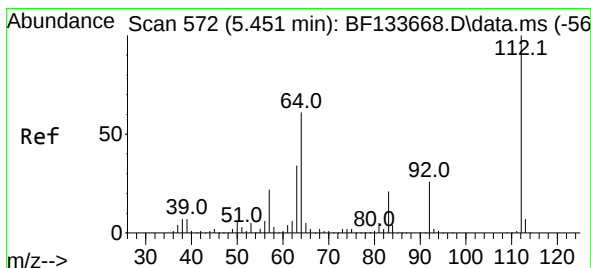
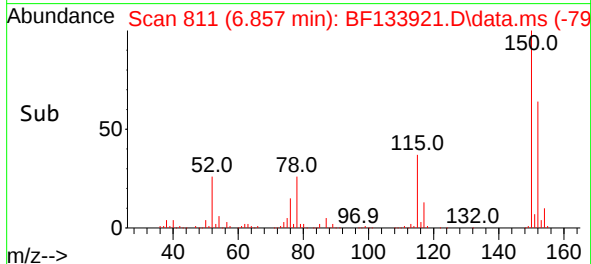
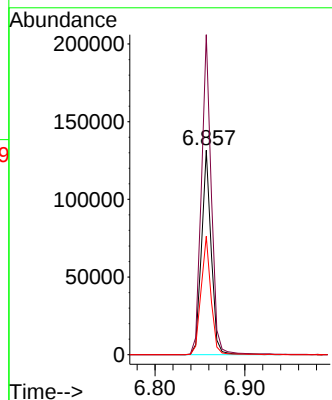
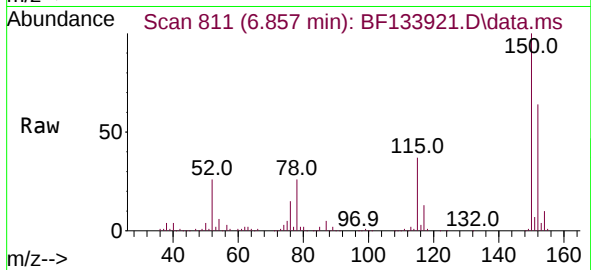




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133921.D
Acq: 23 Jun 2023 02:01

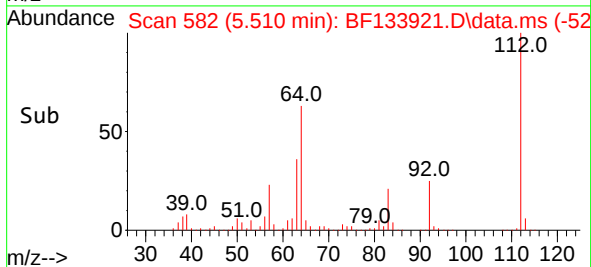
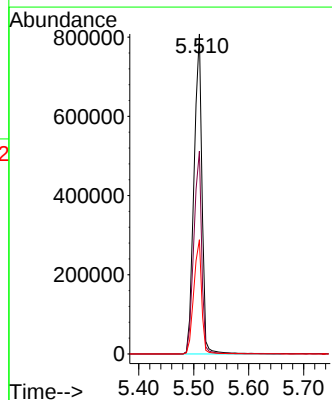
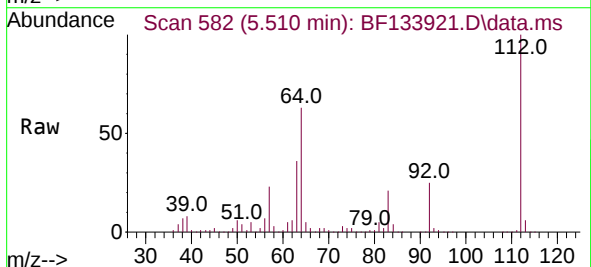
Instrument :
BNA_F
ClientSampleId :
WC-20

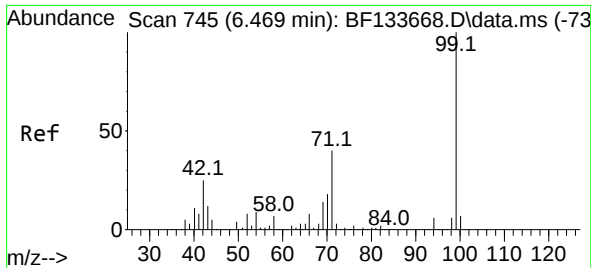
Tgt Ion:152 Resp: 99021
Ion Ratio Lower Upper
152 100
150 156.5 124.3 186.5
115 57.9 48.5 72.7



#5
2-Fluorophenol
Concen: 143.129 ng
RT: 5.510 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF133921.D
Acq: 23 Jun 2023 02:01

Tgt Ion:112 Resp: 814108
Ion Ratio Lower Upper
112 100
64 63.4 49.0 73.4
63 35.7 26.8 40.2

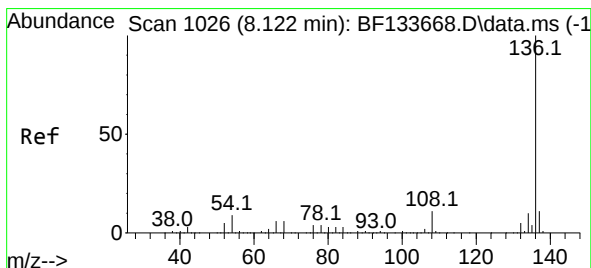
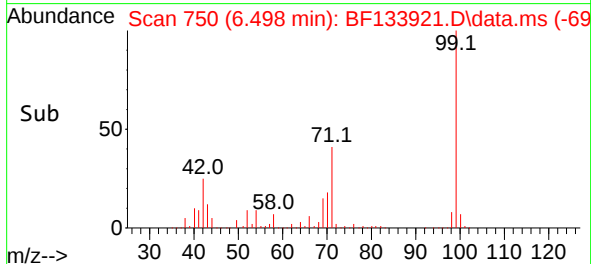
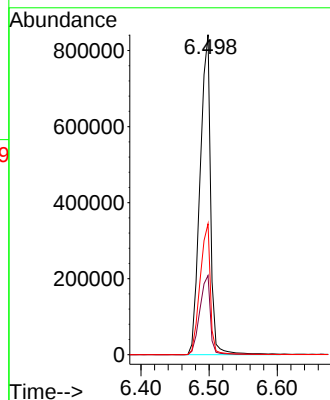
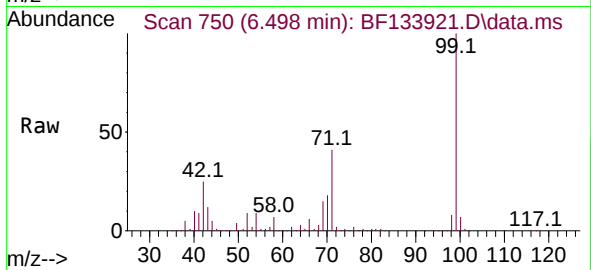




#7
Phenol-d6
Concen: 121.913 ng
RT: 6.498 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF133921.D
Acq: 23 Jun 2023 02:01

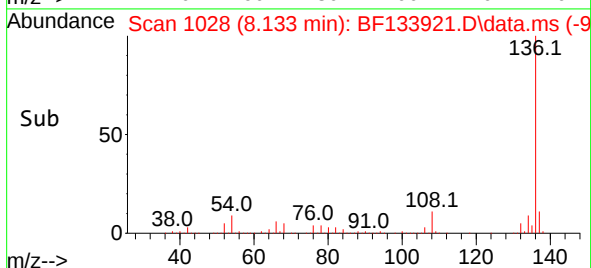
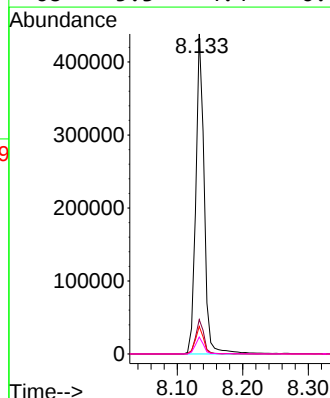
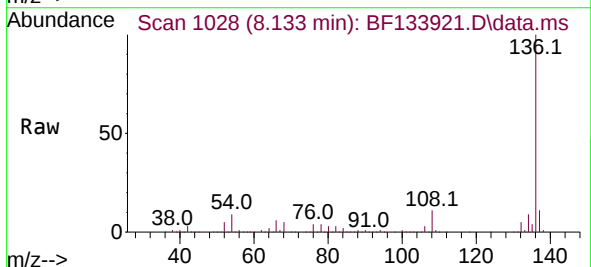
Instrument :
BNA_F
ClientSampleId :
WC-20

Tgt Ion: 99 Resp: 902613
Ion Ratio Lower Upper
99 100
42 24.7 19.9 29.9
71 40.9 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.133 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF133921.D
Acq: 23 Jun 2023 02:01

Tgt Ion: 136 Resp: 389858
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.6 7.4 11.0
68 5.3 4.4 6.6





#23

Nitrobenzene-d5

Concen: 103.281 ng

RT: 7.422 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF133921.D

Acq: 23 Jun 2023 02:01

Instrument :

BNA_F

ClientSampleId :

WC-20

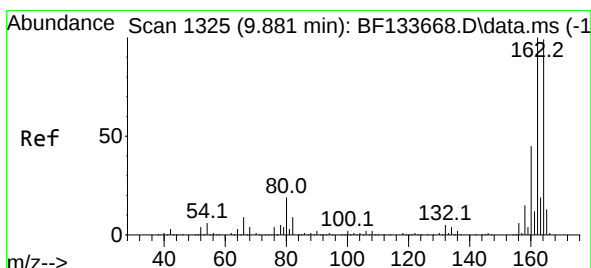
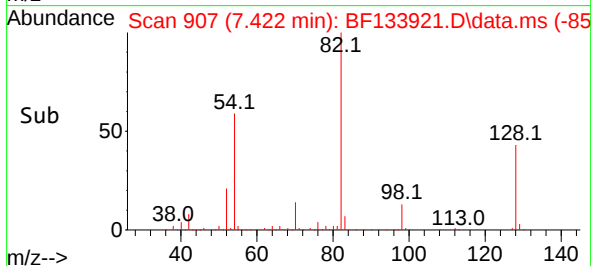
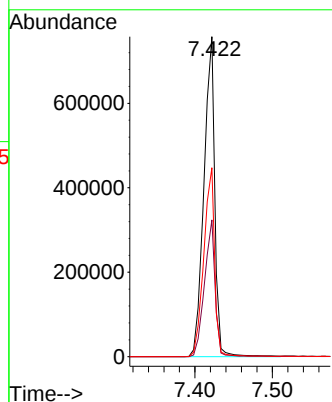
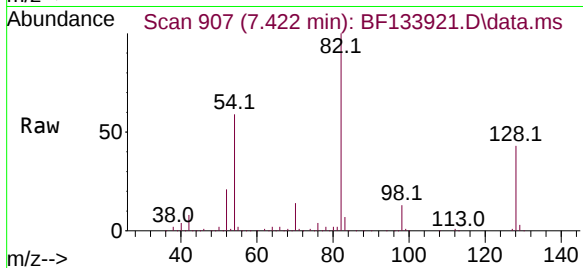
Tgt Ion: 82 Resp: 739257

Ion Ratio Lower Upper

82 100

128 42.7 34.2 51.2

54 59.0 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF133921.D

Acq: 23 Jun 2023 02:01

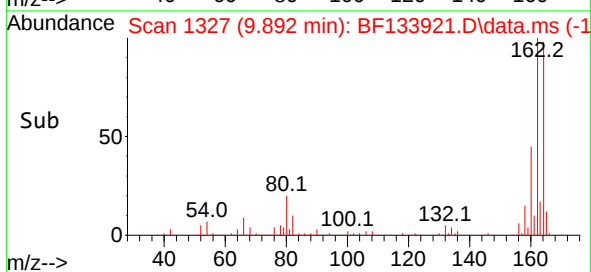
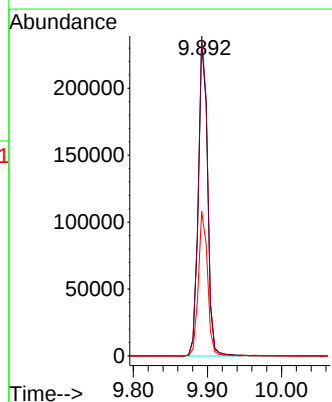
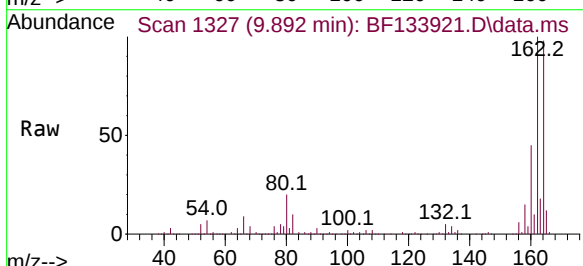
Tgt Ion: 164 Resp: 203423

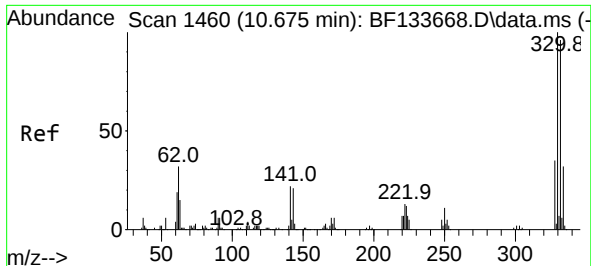
Ion Ratio Lower Upper

164 100

162 101.8 80.8 121.2

160 46.0 36.7 55.1

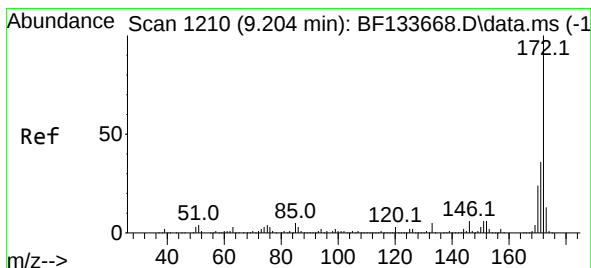
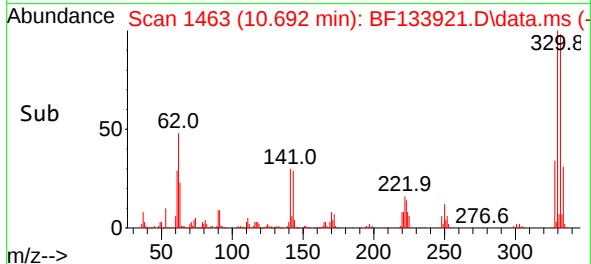
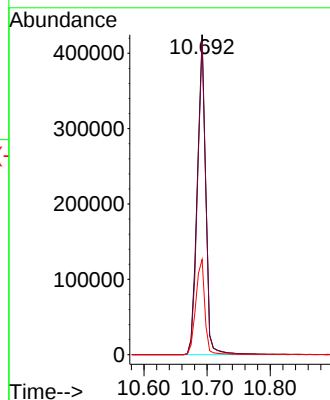
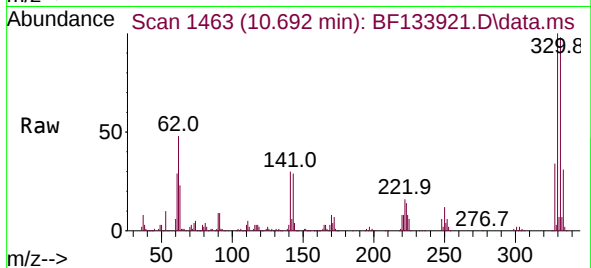




#42
2,4,6-Tribromophenol
Concen: 153.008 ng
RT: 10.692 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF133921.D
Acq: 23 Jun 2023 02:01

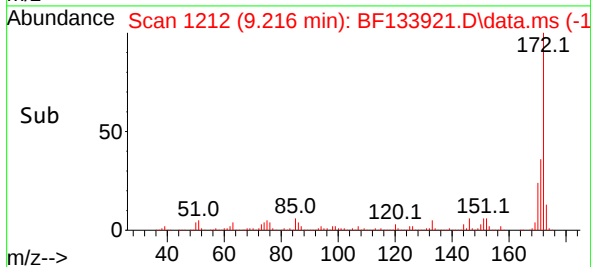
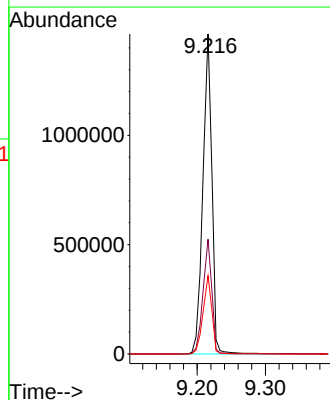
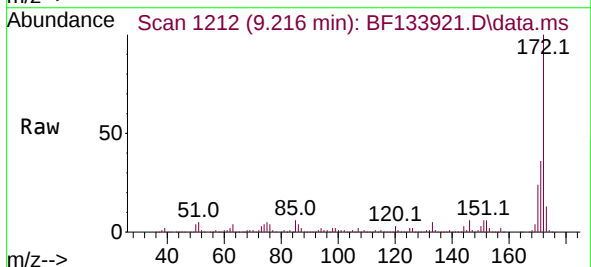
Instrument :
BNA_F
ClientSampleId :
WC-20

Tgt Ion:330 Resp: 393991
Ion Ratio Lower Upper
330 100
332 97.1 77.2 115.8
141 32.1 24.9 37.3



#45
2-Fluorobiphenyl
Concen: 94.161 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF133921.D
Acq: 23 Jun 2023 02:01

Tgt Ion:172 Resp: 1347473
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 24.4 19.1 28.7

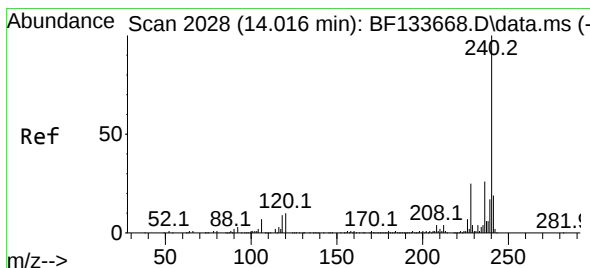
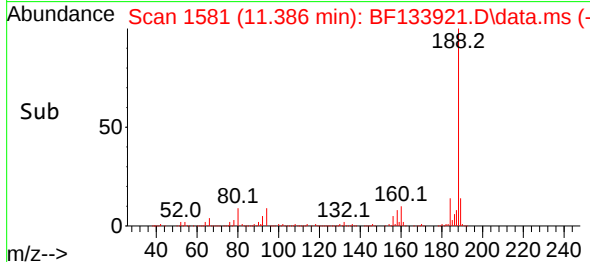
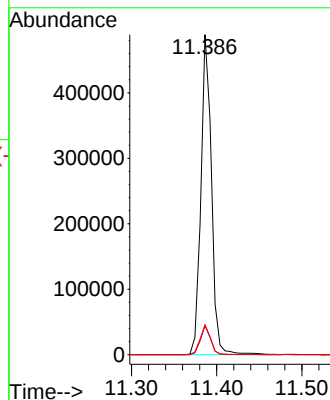
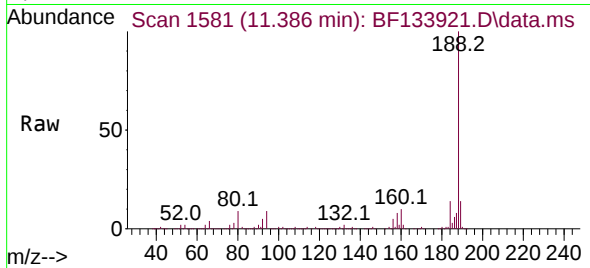




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133921.D
Acq: 23 Jun 2023 02:01

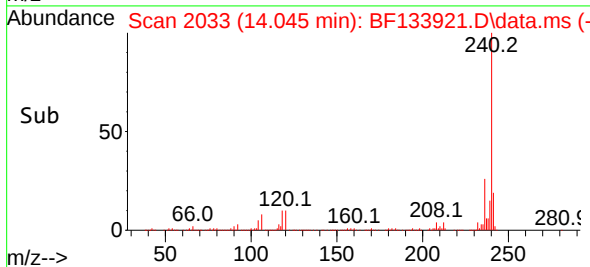
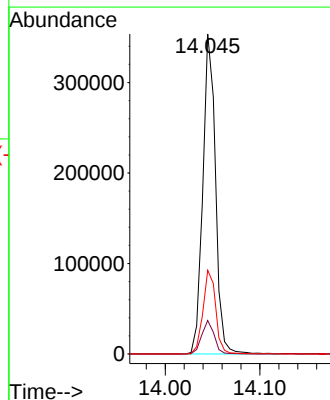
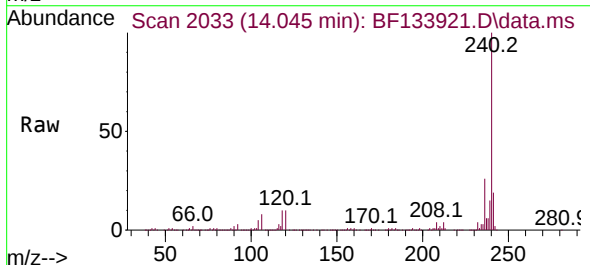
Instrument :
BNA_F
ClientSampleId :
WC-20

Tgt Ion:188 Resp: 421219
Ion Ratio Lower Upper
188 100
94 9.0 6.8 10.2
80 9.3 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF133921.D
Acq: 23 Jun 2023 02:01

Tgt Ion:240 Resp: 330038
Ion Ratio Lower Upper
240 100
120 10.5 8.1 12.1
236 26.1 20.5 30.7

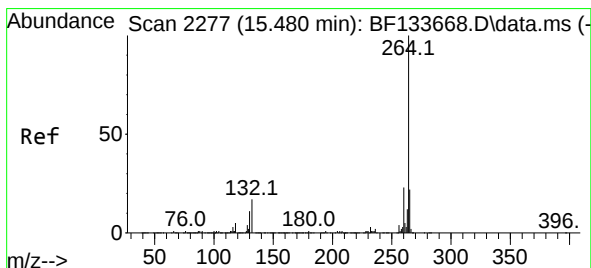
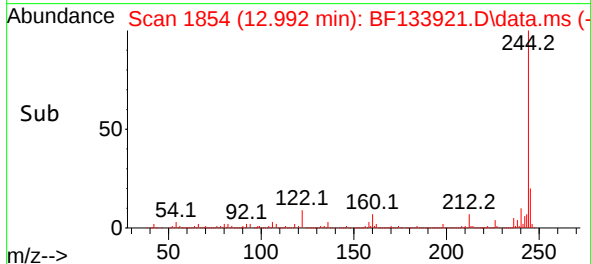
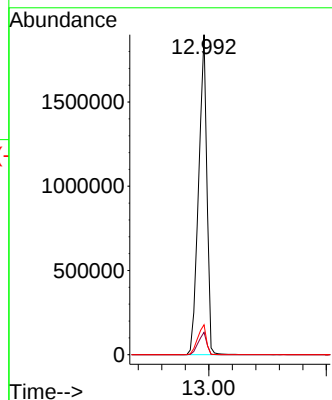
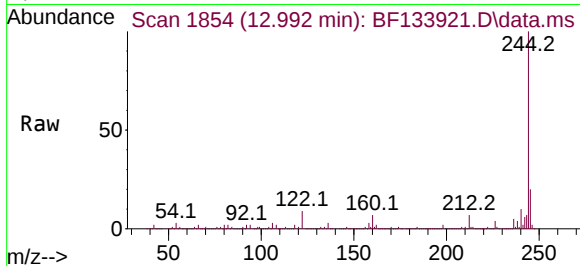




#79
Terphenyl-d14
Concen: 86.909 ng
RT: 12.992 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133921.D
Acq: 23 Jun 2023 02:01

Instrument :
BNA_F
ClientSampleId :
WC-20

Tgt Ion:244 Resp: 1853717
Ion Ratio Lower Upper
244 100
212 7.0 5.4 8.2
122 9.4 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: BF133921.D
Acq: 23 Jun 2023 02:01

Tgt Ion:264 Resp: 252936
Ion Ratio Lower Upper
264 100
260 23.6 18.2 27.2
265 21.0 17.8 26.6

