

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062223\
 Data File : BF133901.D
 Acq On : 22 Jun 2023 15:00
 Operator : CG\JU
 Sample : 03321-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-20

Quant Time: Jun 23 02:29:23 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	109336	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	421138	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	198828	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	329519	20.000	ng	0.00
76) Chrysene-d12	14.045	240	242156	20.000	ng	-0.01
86) Perylene-d12	15.557	264	201443	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	520420	82.864	ng	0.00
7) Phenol-d6	6.492	99	642172	78.553	ng	0.00
23) Nitrobenzene-d5	7.422	82	436572	56.463	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	175890	69.886	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	807904	57.761	ng	0.00
79) Terphenyl-d14	12.986	244	680758	43.500	ng	0.00

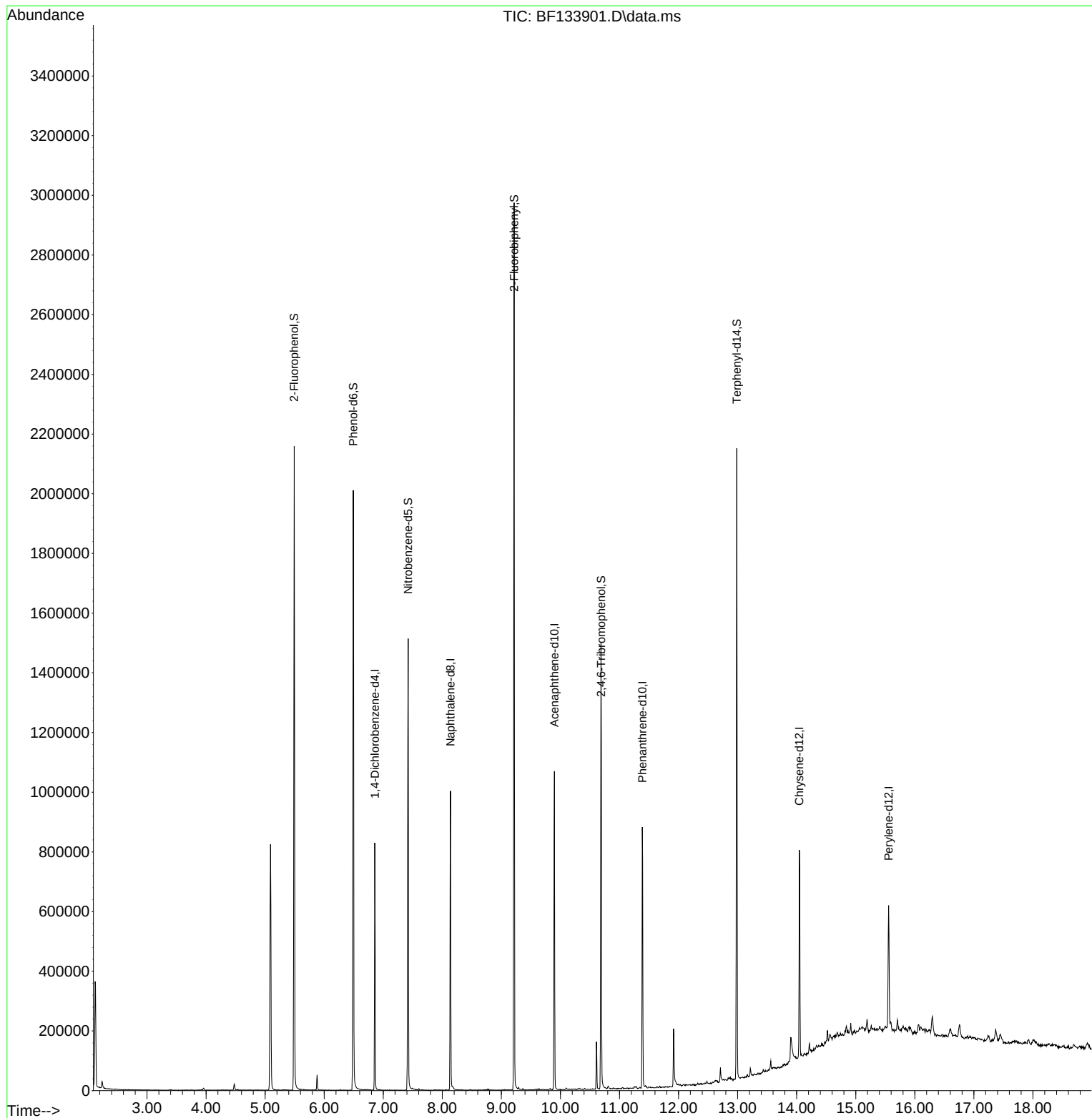
Target Compounds	Qvalue

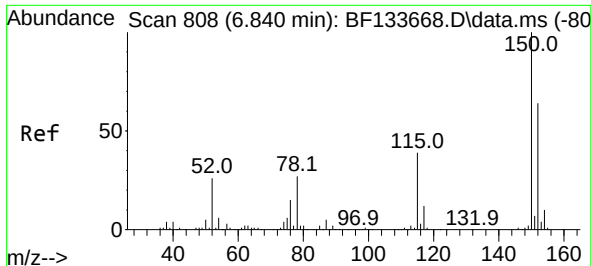
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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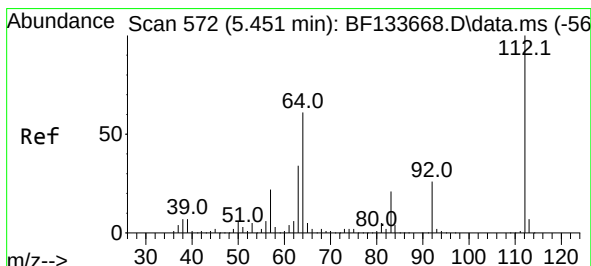
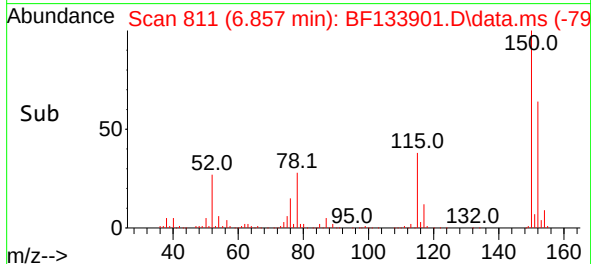
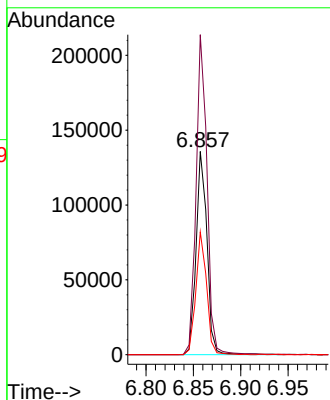
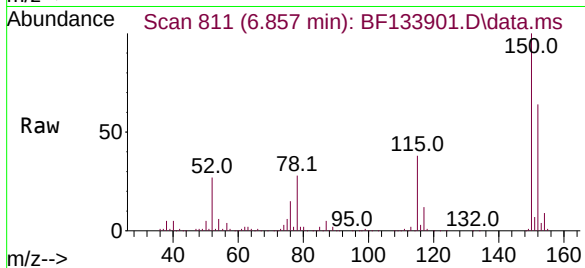




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133901.D
Acq: 22 Jun 2023 15:00

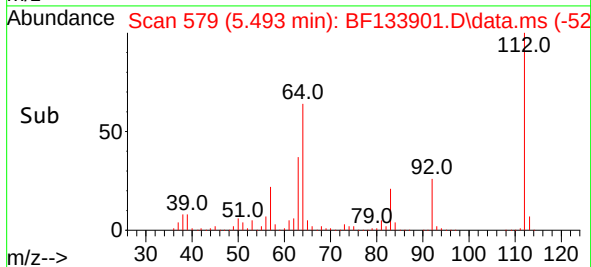
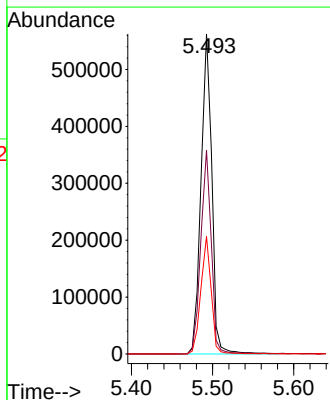
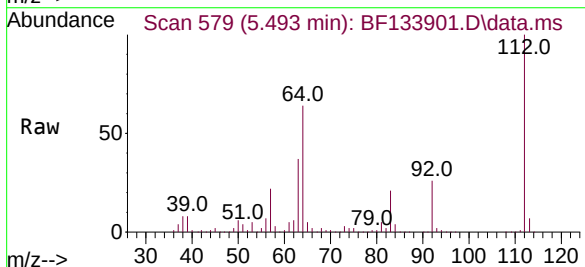
Instrument :
BNA_F
ClientSampleId :
WC-20

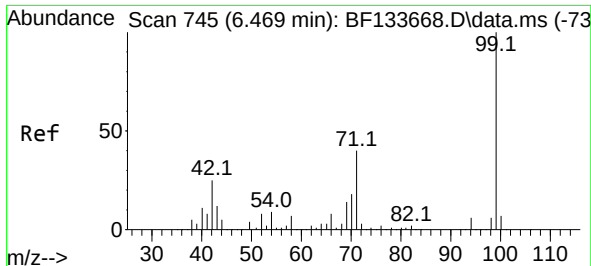
Tgt Ion:152 Resp: 109336
Ion Ratio Lower Upper
152 100
150 157.4 124.3 186.5
115 60.4 48.5 72.7



#5
2-Fluorophenol
Concen: 82.864 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF133901.D
Acq: 22 Jun 2023 15:00

Tgt Ion:112 Resp: 520420
Ion Ratio Lower Upper
112 100
64 63.7 49.0 73.4
63 36.7 26.8 40.2

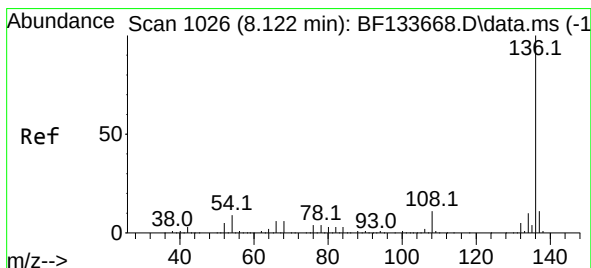
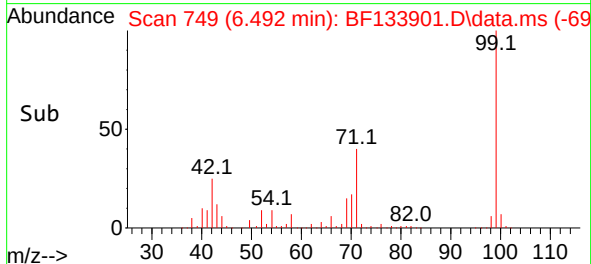
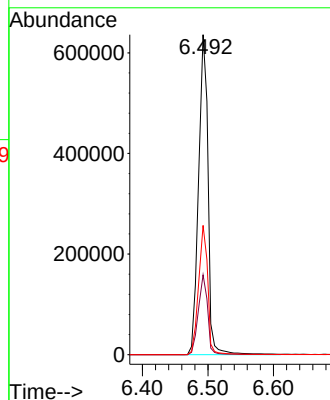
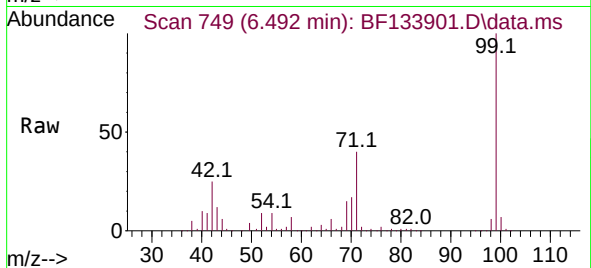




#7
Phenol-d6
Concen: 78.553 ng
RT: 6.492 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133901.D
Acq: 22 Jun 2023 15:00

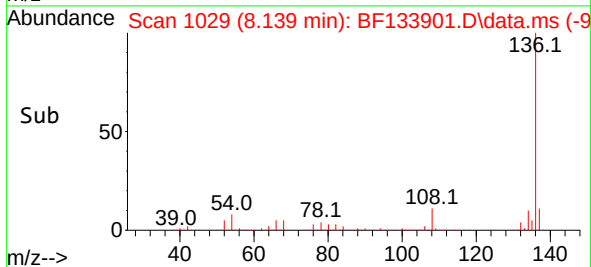
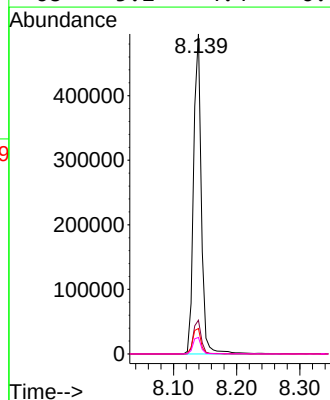
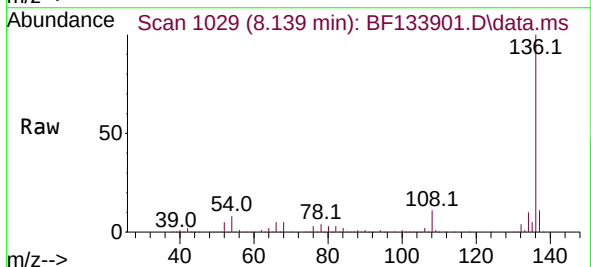
Instrument :
BNA_F
ClientSampleId :
WC-20

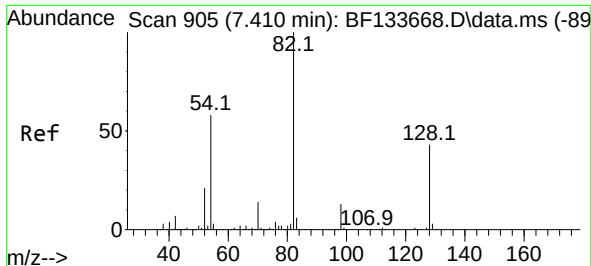
Tgt Ion: 99 Resp: 642172
Ion Ratio Lower Upper
99 100
42 25.0 19.9 29.9
71 40.4 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF133901.D
Acq: 22 Jun 2023 15:00

Tgt Ion: 136 Resp: 421138
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 7.9 7.4 11.0
68 5.2 4.4 6.6





#23

Nitrobenzene-d5

Concen: 56.463 ng

RT: 7.422 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133901.D

Acq: 22 Jun 2023 15:00

Instrument :

BNA_F

ClientSampleId :

WC-20

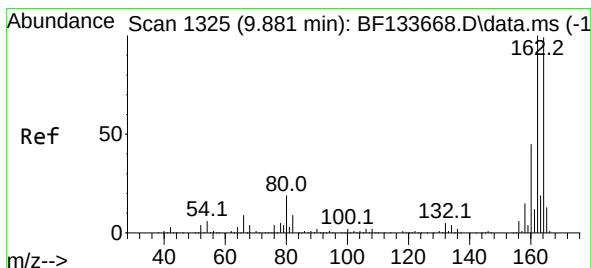
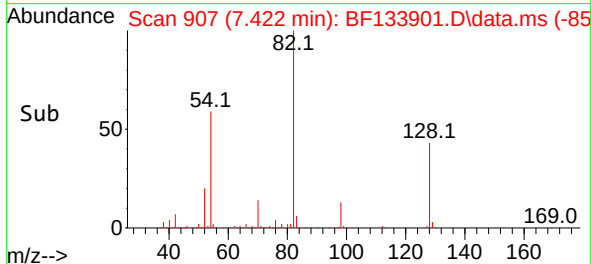
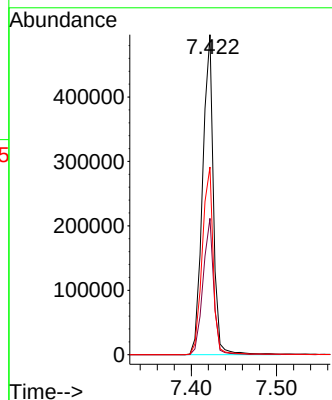
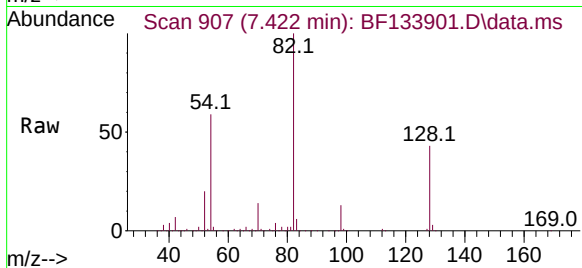
Tgt Ion: 82 Resp: 436572

Ion Ratio Lower Upper

82 100

128 42.6 34.2 51.2

54 58.6 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: BF133901.D

Acq: 22 Jun 2023 15:00

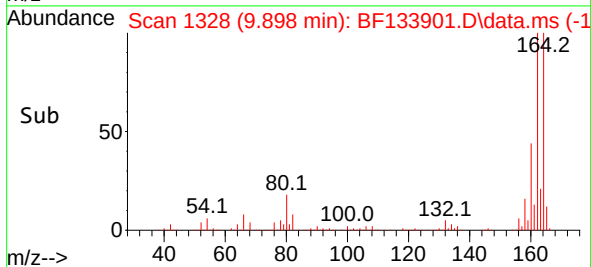
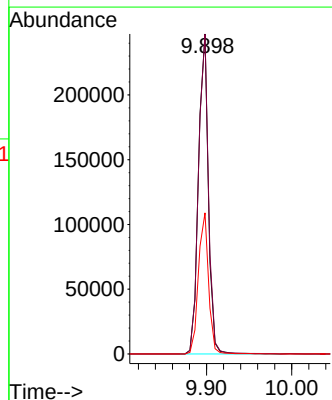
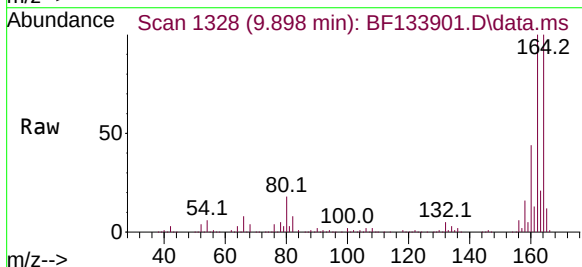
Tgt Ion: 164 Resp: 198828

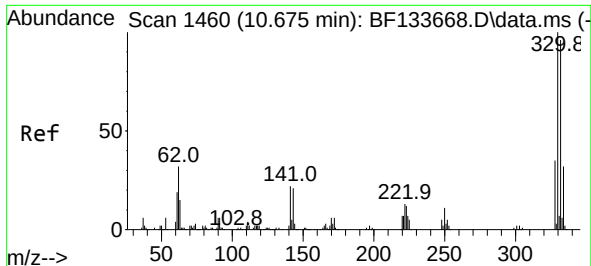
Ion Ratio Lower Upper

164 100

162 99.9 80.8 121.2

160 44.1 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 69.886 ng

RT: 10.692 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF133901.D

Acq: 22 Jun 2023 15:00

Instrument :

BNA_F

ClientSampleId :

WC-20

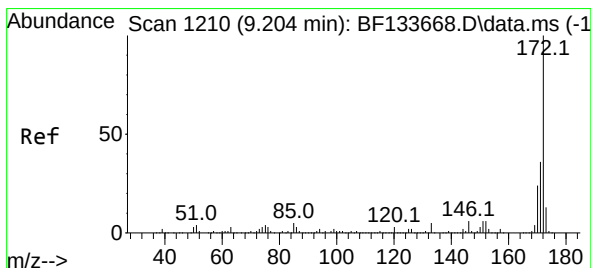
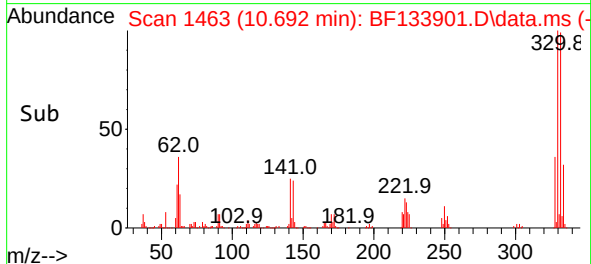
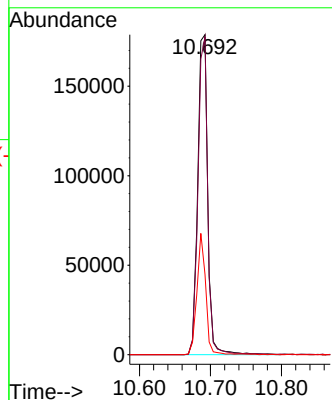
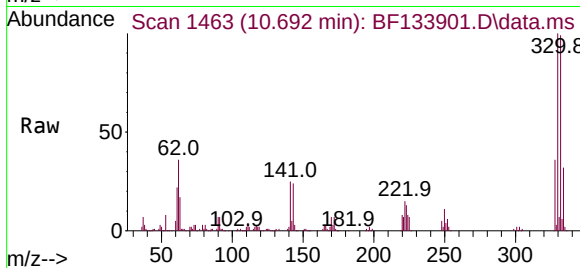
Tgt Ion:330 Resp: 175890

Ion Ratio Lower Upper

330 100

332 96.0 77.2 115.8

141 33.4 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 57.761 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.006 min

Lab File: BF133901.D

Acq: 22 Jun 2023 15:00

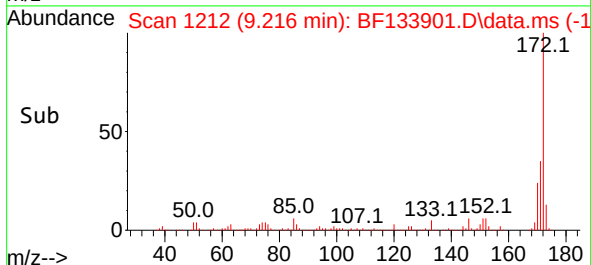
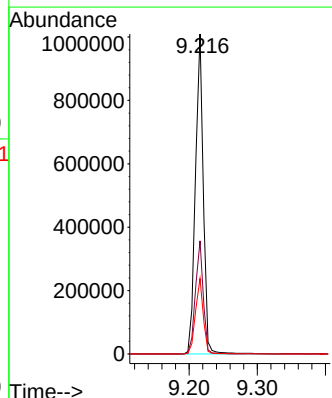
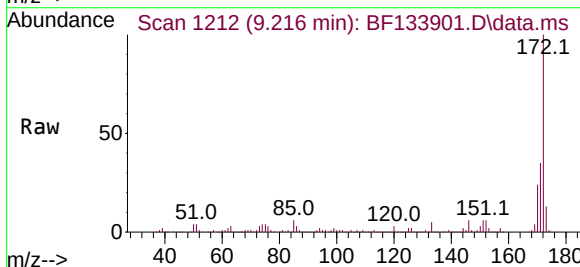
Tgt Ion:172 Resp: 807904

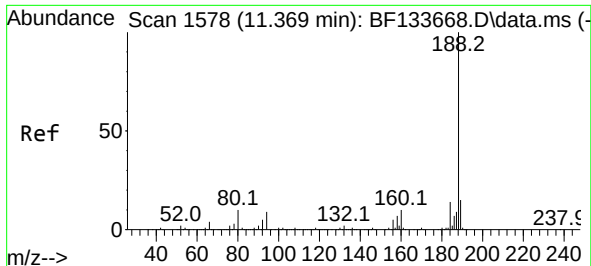
Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

170 23.6 19.1 28.7

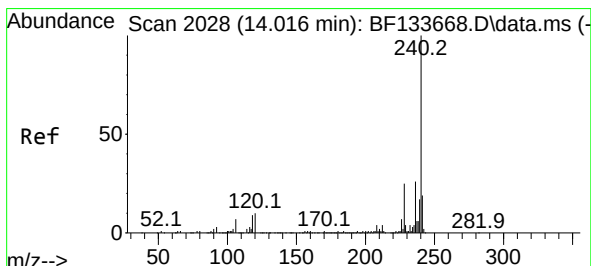
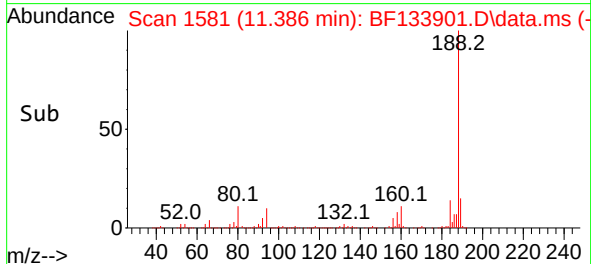
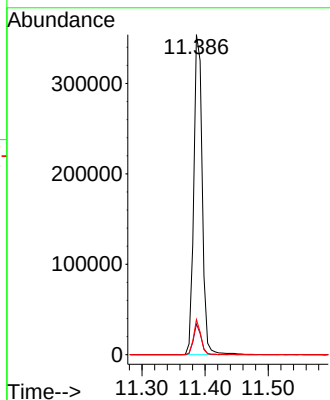
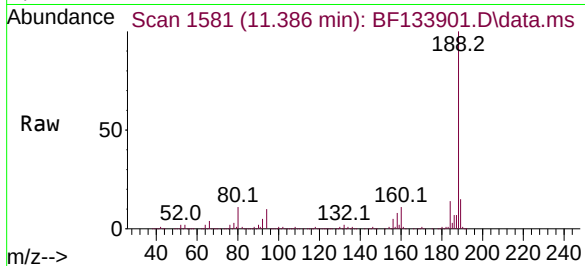




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133901.D
Acq: 22 Jun 2023 15:00

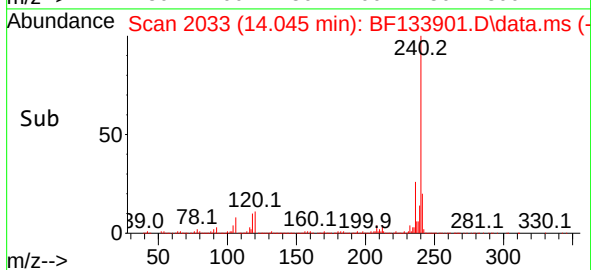
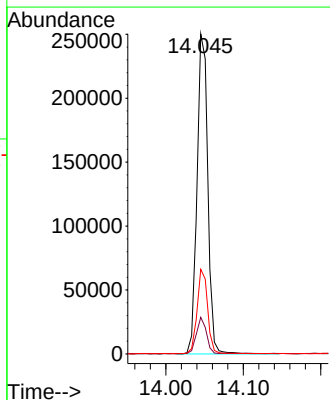
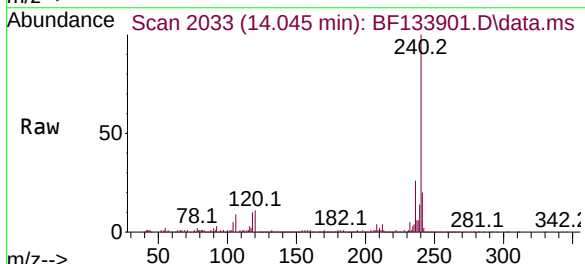
Instrument :
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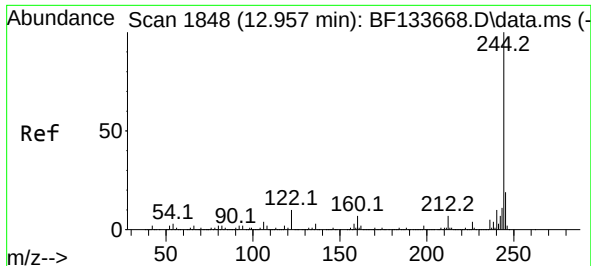
Tgt Ion:188 Resp: 329519
Ion Ratio Lower Upper
188 100
94 9.6 6.8 10.2
80 11.0 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.012 min
Lab File: BF133901.D
Acq: 22 Jun 2023 15:00

Tgt Ion:240 Resp: 242156
Ion Ratio Lower Upper
240 100
120 11.4 8.1 12.1
236 26.4 20.5 30.7

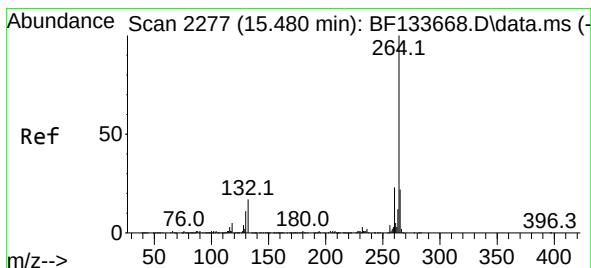
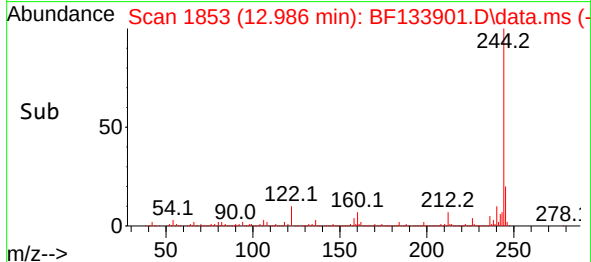
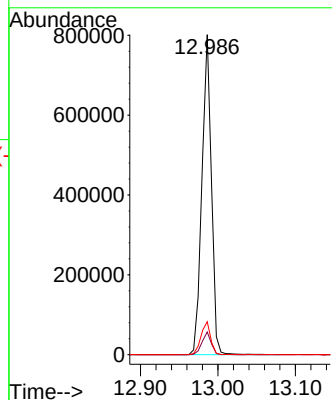
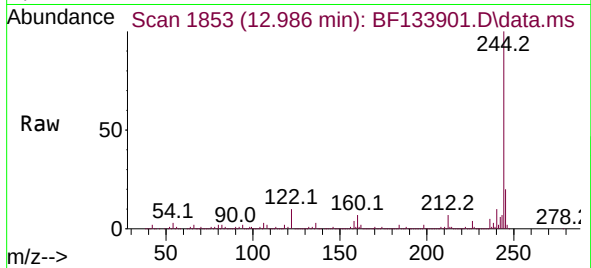




#79
 Terphenyl-d14
 Concen: 43.500 ng
 RT: 12.986 min Scan# 1848
 Delta R.T. -0.006 min
 Lab File: BF133901.D
 Acq: 22 Jun 2023 15:00

Instrument :
 BNA_F
 ClientSampleId :
 WC-20

Tgt Ion:244 Resp: 680758
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 10.3 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: BF133901.D
 Acq: 22 Jun 2023 15:00

Tgt Ion:264 Resp: 201443
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.2 27.2
 265 22.4 17.8 26.6

