

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061523\
 Data File : BF133790.D
 Acq On : 15 Jun 2023 23:29
 Operator : CG\JU
 Sample : 03140-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-GA

Quant Time: Jun 16 03:02:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 15 15:12:57 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	127217	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	497754	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	247102	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	491908	20.000	ng	0.00
76) Chrysene-d12	13.998	240	253336	20.000	ng	0.00
86) Perylene-d12	15.457	264	215103	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	644643	88.216	ng	0.01
7) Phenol-d6	6.457	99	785656	82.597	ng	0.00
23) Nitrobenzene-d5	7.392	82	536083	58.661	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	243761	77.932	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	958723	55.153	ng	0.00
79) Terphenyl-d14	12.945	244	954839	58.320	ng	0.00

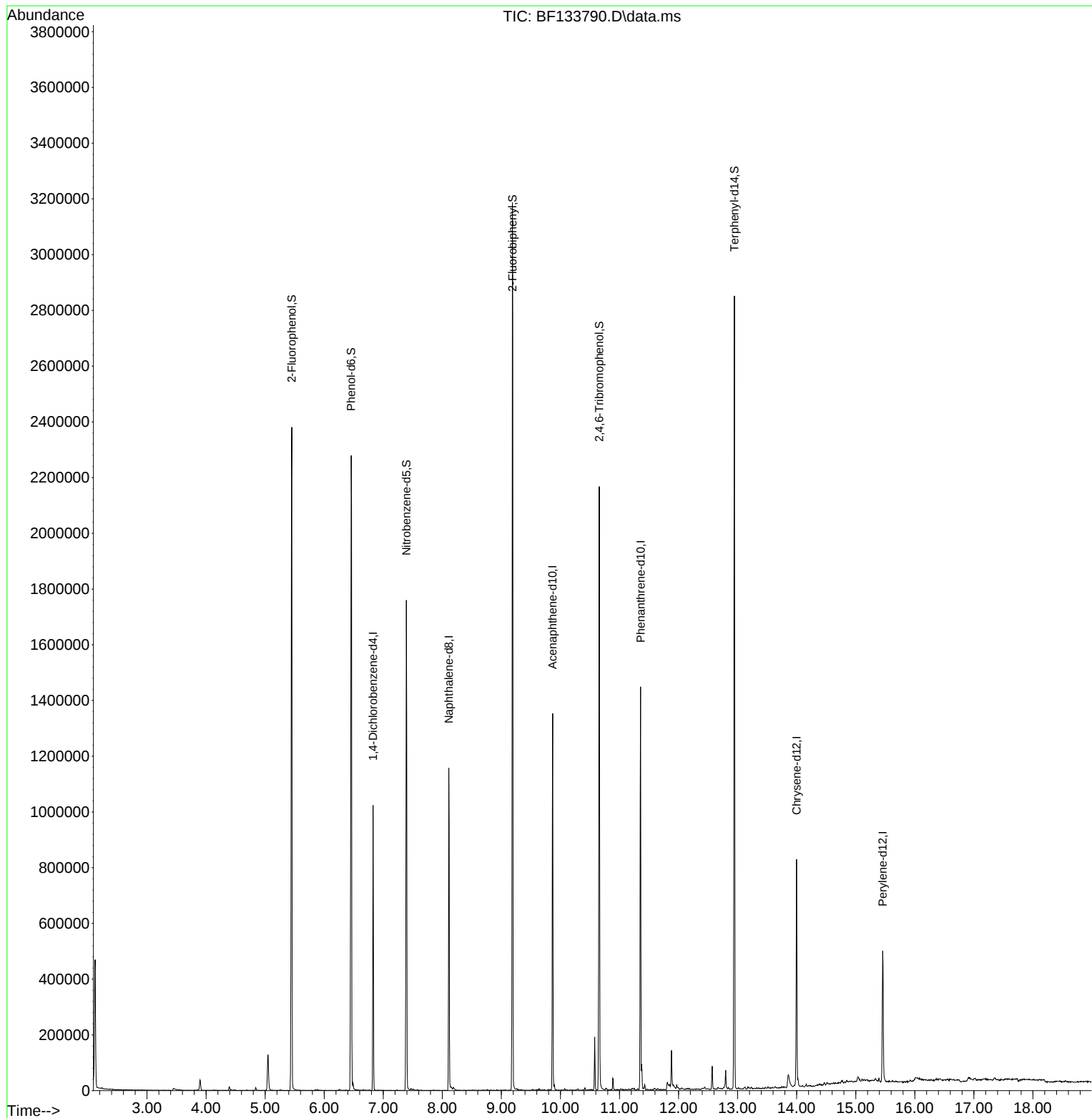
Target Compounds	Qvalue

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

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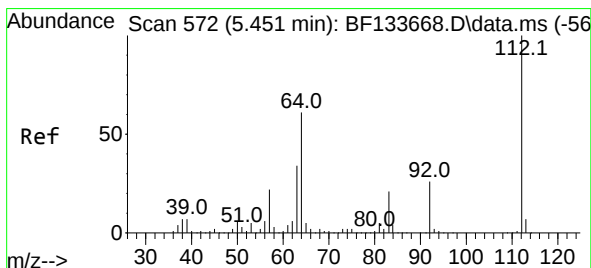
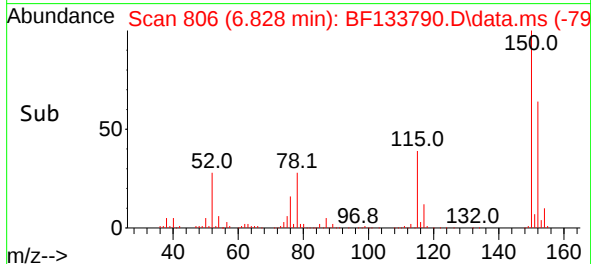
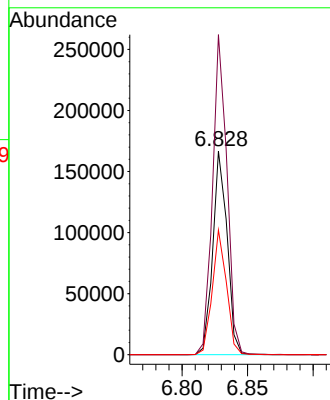
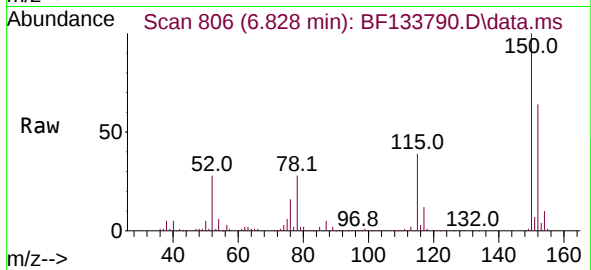




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.828 min Scan# 808
 Delta R.T. -0.006 min
 Lab File: BF133790.D
 Acq: 15 Jun 2023 23:29

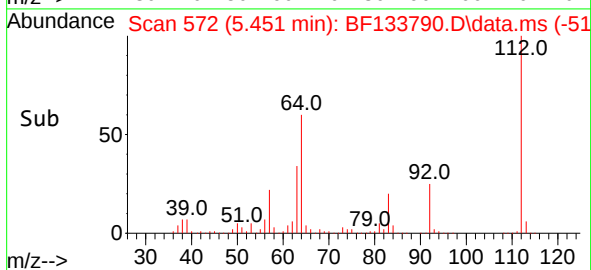
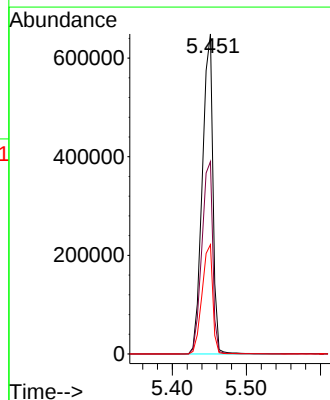
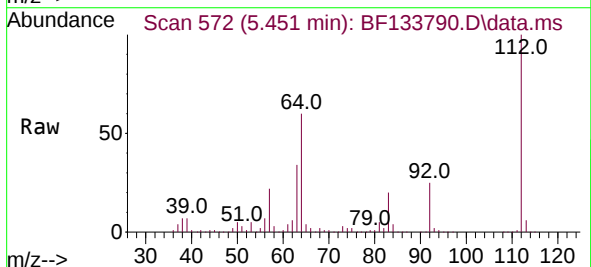
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-GA

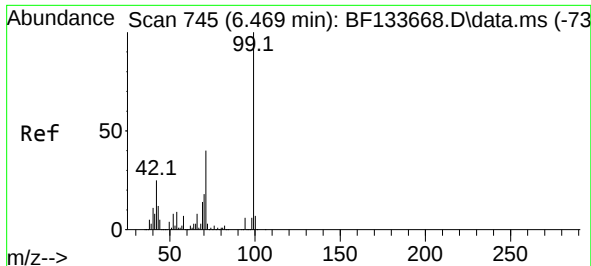
Tgt Ion:152 Resp: 127217
 Ion Ratio Lower Upper
 152 100
 150 157.2 124.3 186.5
 115 61.2 48.5 72.7



#5
 2-Fluorophenol
 Concen: 88.216 ng
 RT: 5.451 min Scan# 572
 Delta R.T. 0.012 min
 Lab File: BF133790.D
 Acq: 15 Jun 2023 23:29

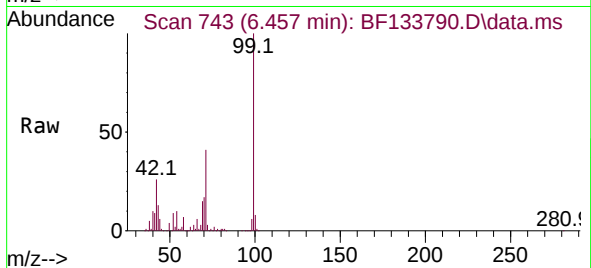
Tgt Ion:112 Resp: 644643
 Ion Ratio Lower Upper
 112 100
 64 60.1 49.0 73.4
 63 34.2 26.8 40.2



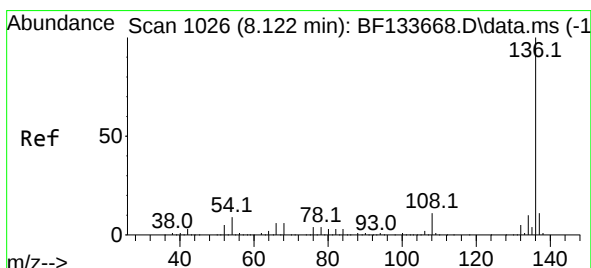
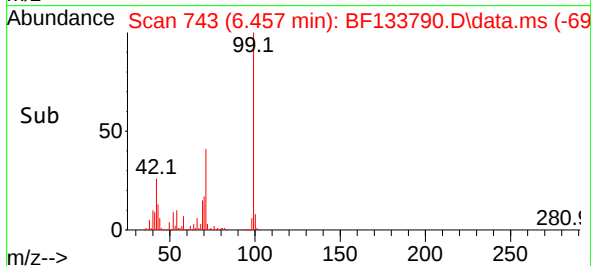
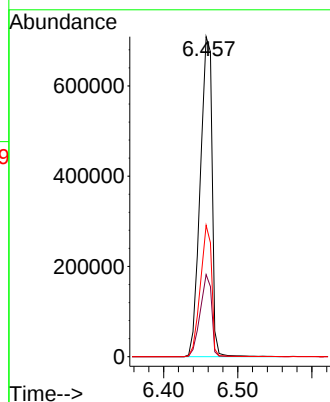


#7
Phenol-d6
Concen: 82.597 ng
RT: 6.457 min Scan# 745
Delta R.T. -0.006 min
Lab File: BF133790.D
Acq: 15 Jun 2023 23:29

Instrument :
BNA_F
ClientSampleId :
TP-6-GA

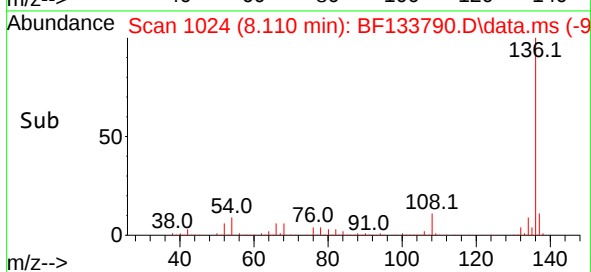
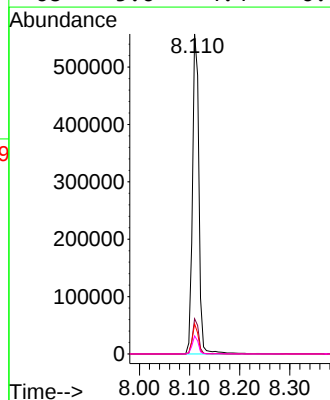
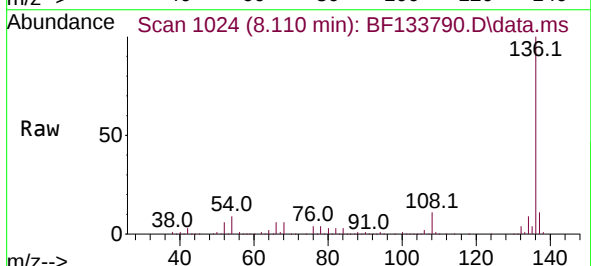


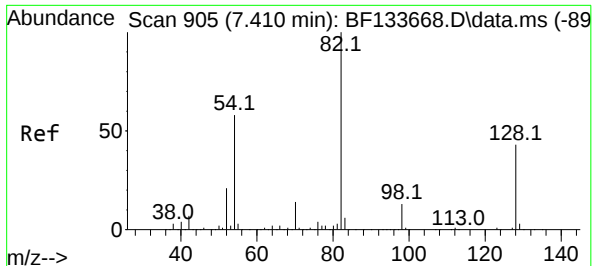
Tgt Ion: 99 Resp: 785656
Ion Ratio Lower Upper
99 100
42 25.7 19.9 29.9
71 41.1 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133790.D
Acq: 15 Jun 2023 23:29

Tgt Ion: 136 Resp: 497754
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.4 7.4 11.0
68 5.6 4.4 6.6





#23

Nitrobenzene-d5

Concen: 58.661 ng

RT: 7.392 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133790.D

Acq: 15 Jun 2023 23:29

Instrument :

BNA_F

ClientSampleId :

TP-6-GA

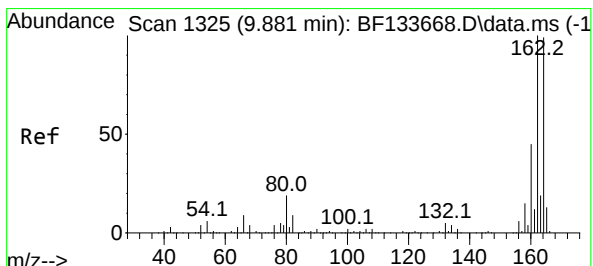
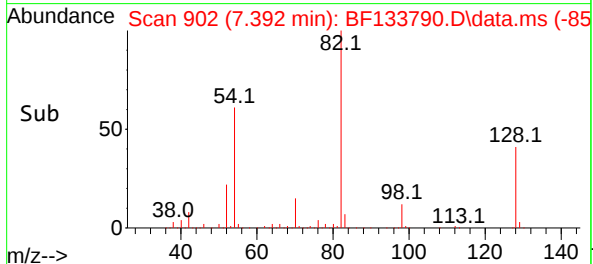
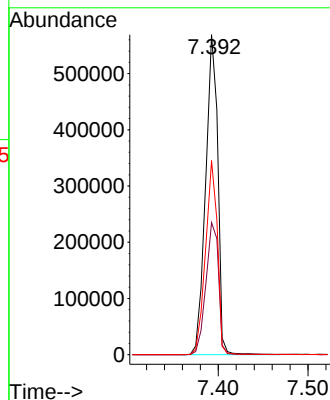
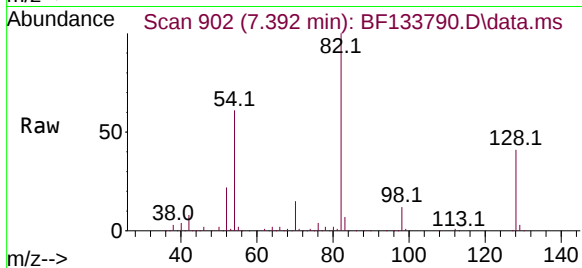
Tgt Ion: 82 Resp: 536083

Ion Ratio Lower Upper

82 100

128 41.3 34.2 51.2

54 60.7 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.000 min

Lab File: BF133790.D

Acq: 15 Jun 2023 23:29

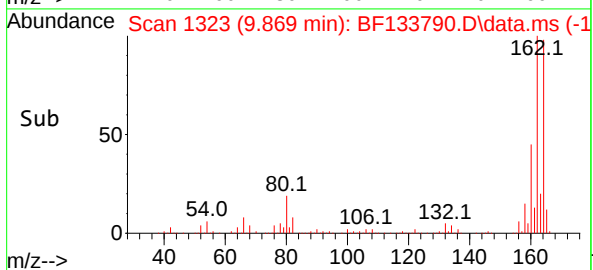
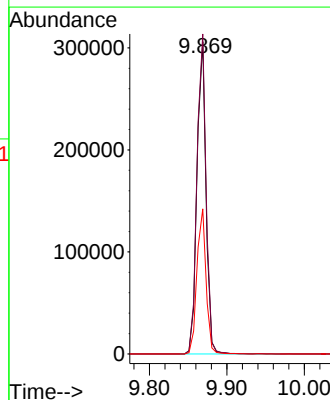
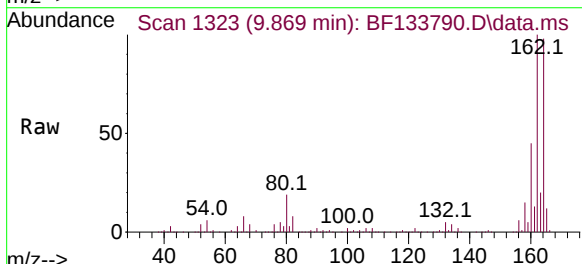
Tgt Ion:164 Resp: 247102

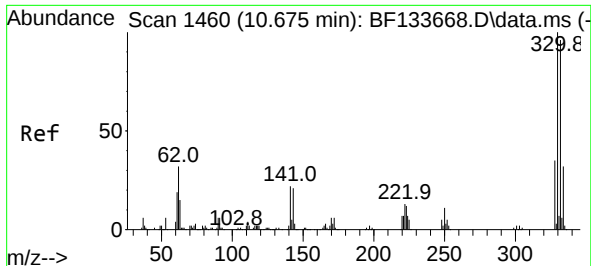
Ion Ratio Lower Upper

164 100

162 102.4 80.8 121.2

160 46.5 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 77.932 ng

RT: 10.657 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF133790.D

Acq: 15 Jun 2023 23:29

Instrument :

BNA_F

ClientSampleId :

TP-6-GA

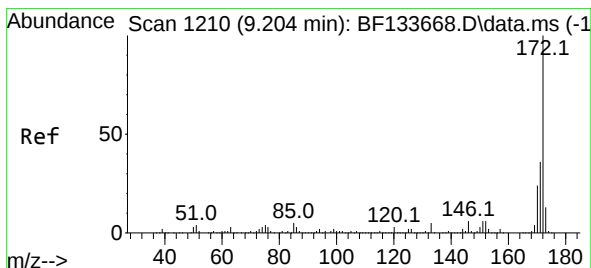
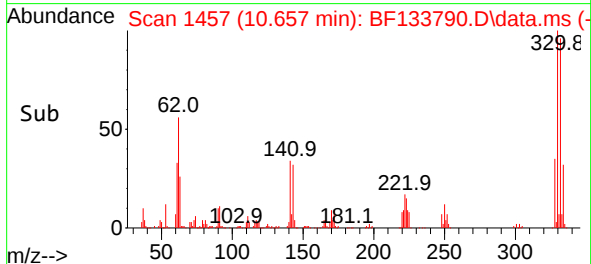
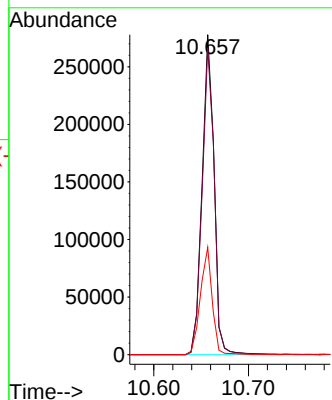
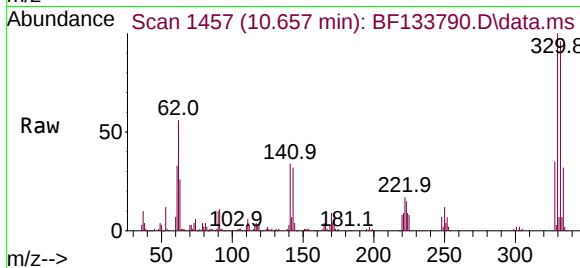
Tgt Ion:330 Resp: 243761

Ion Ratio Lower Upper

330 100

332 97.0 77.2 115.8

141 33.3 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 55.153 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF133790.D

Acq: 15 Jun 2023 23:29

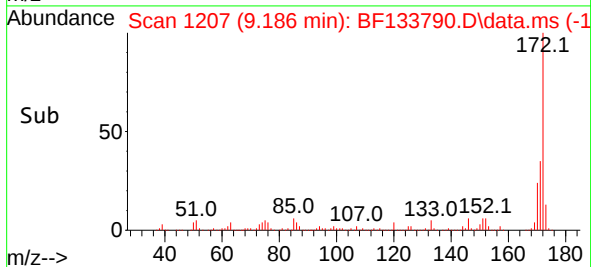
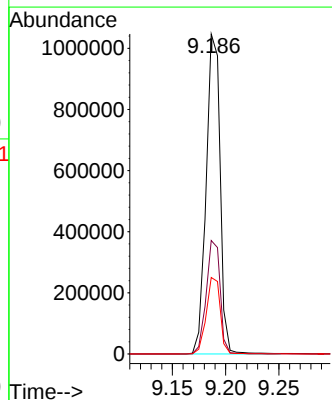
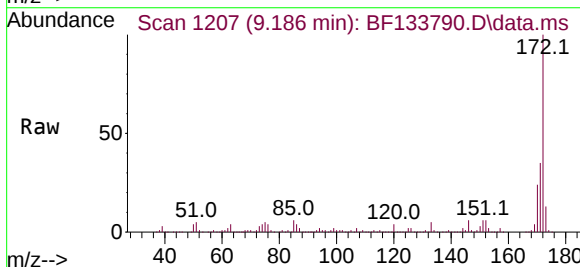
Tgt Ion:172 Resp: 958723

Ion Ratio Lower Upper

172 100

171 35.5 28.6 43.0

170 23.9 19.1 28.7

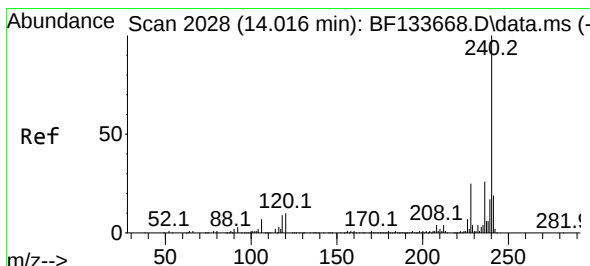
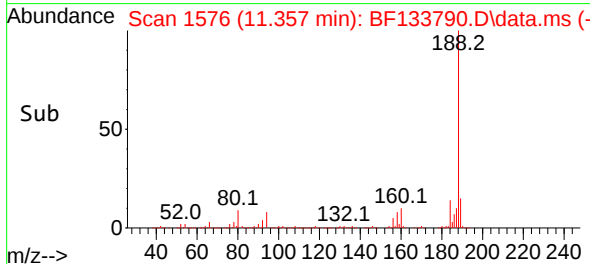
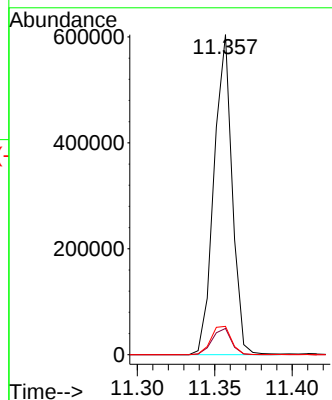
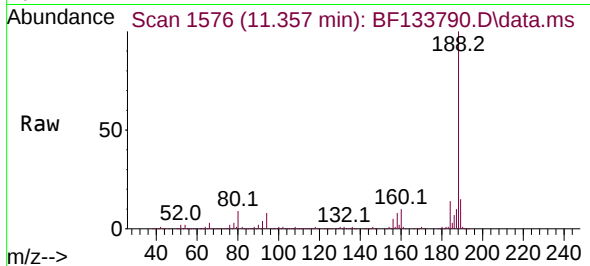




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133790.D
Acq: 15 Jun 2023 23:29

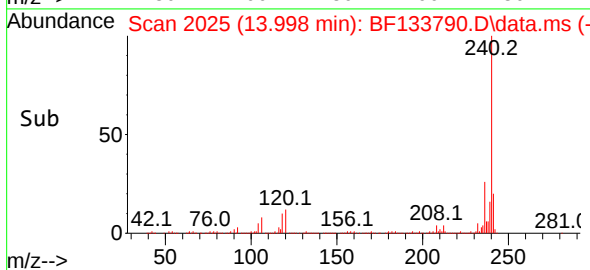
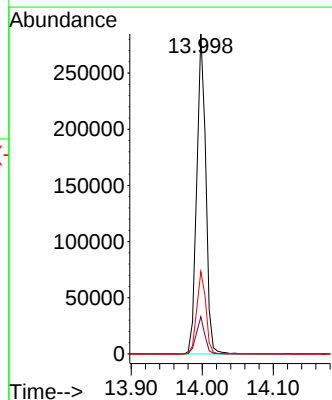
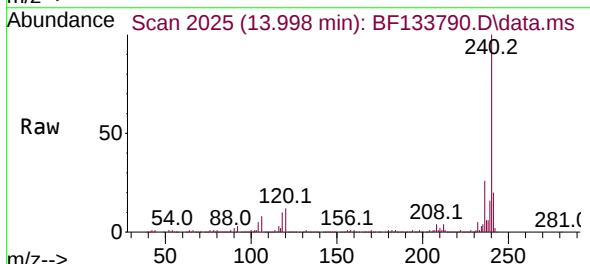
Instrument :
BNA_F
ClientSampleId :
TP-6-GA

Tgt Ion:188 Resp: 491908
Ion Ratio Lower Upper
188 100
94 8.2 6.8 10.2
80 8.9 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF133790.D
Acq: 15 Jun 2023 23:29

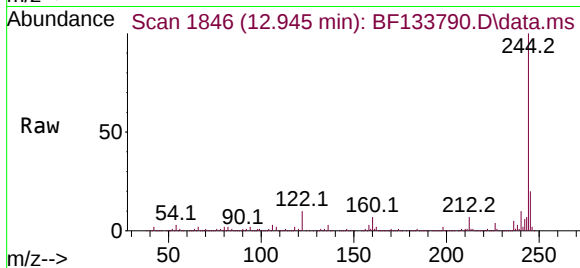
Tgt Ion:240 Resp: 253336
Ion Ratio Lower Upper
240 100
120 11.7 8.1 12.1
236 25.8 20.5 30.7



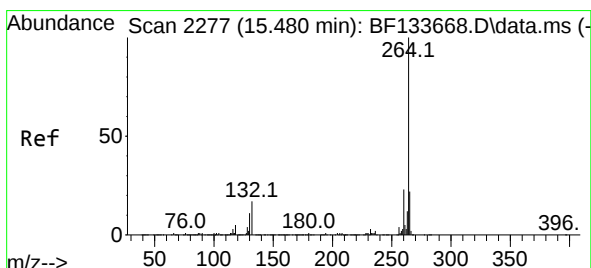
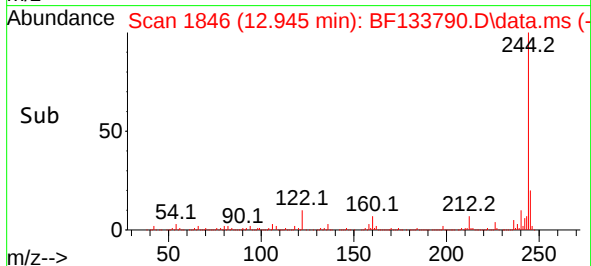
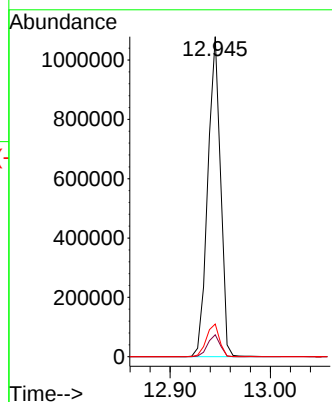


#79
 Terphenyl-d14
 Concen: 58.320 ng
 RT: 12.945 min Scan# 1846
 Delta R.T. -0.000 min
 Lab File: BF133790.D
 Acq: 15 Jun 2023 23:29

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-GA



Tgt Ion:244 Resp: 954839
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.2
 122 10.2 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. -0.006 min
 Lab File: BF133790.D
 Acq: 15 Jun 2023 23:29

Tgt Ion:264 Resp: 215103
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.2 27.2
 265 22.0 17.8 26.6

