

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061423\
 Data File : BF133764.D
 Acq On : 14 Jun 2023 22:00
 Operator : CG\JU
 Sample : 03140-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-GA

Quant Time: Jun 15 01:31:39 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 16:27:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	138279	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	517882	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	246371	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	402015	20.000	ng	0.00
76) Chrysene-d12	13.998	240	291834	20.000	ng	-0.01
86) Perylene-d12	15.457	264	320989	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	788716	99.297	ng	0.01
7) Phenol-d6	6.463	99	903633	87.400	ng	0.00
23) Nitrobenzene-d5	7.398	82	713436	75.034	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	294207	94.339	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	1298417	74.916	ng	0.00
79) Terphenyl-d14	12.945	244	1138326	60.356	ng	0.00

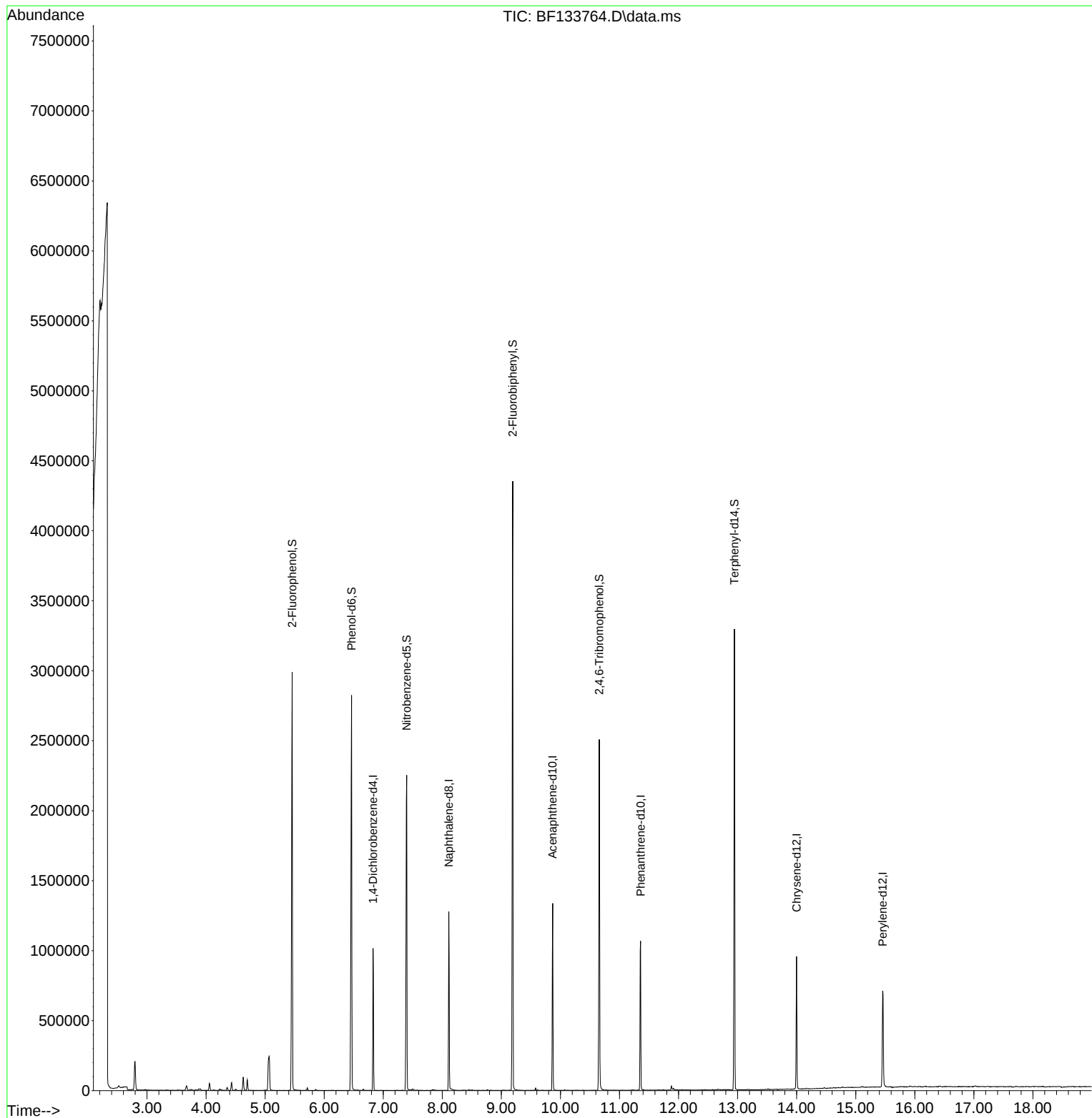
Target Compounds	Qvalue

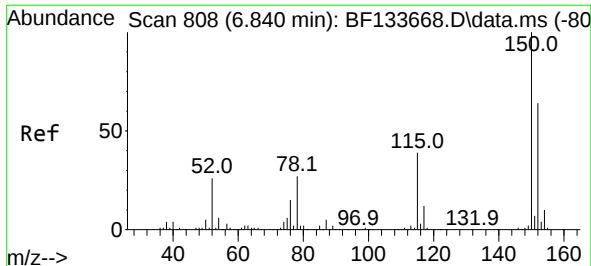
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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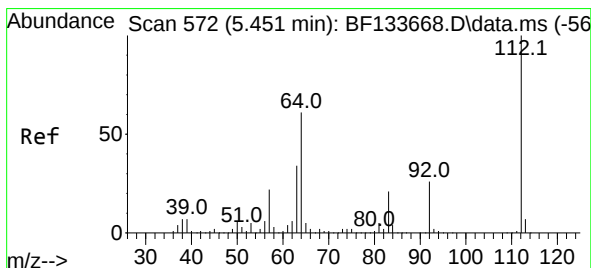
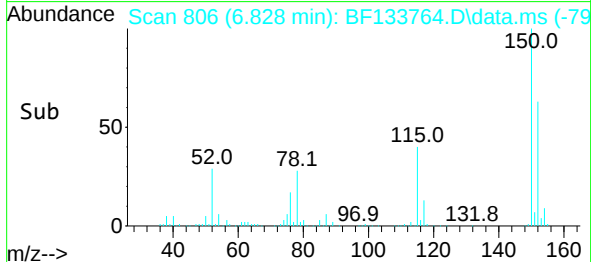
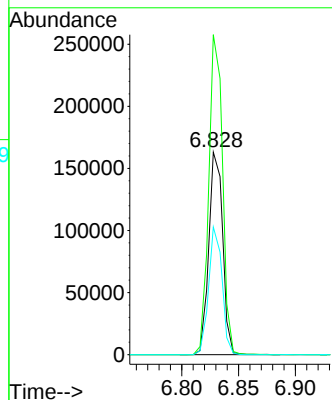
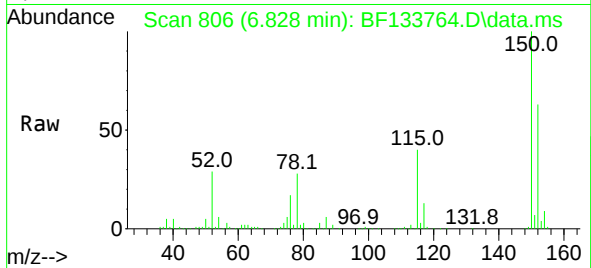




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.828 min Scan# 808
Delta R.T. -0.006 min
Lab File: BF133764.D
Acq: 14 Jun 2023 22:00

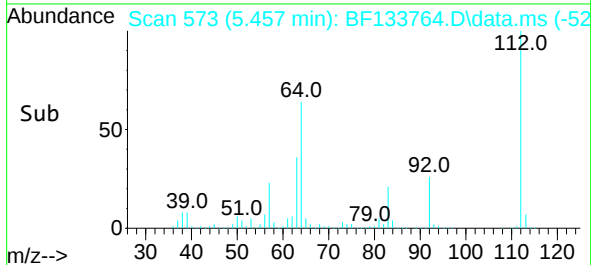
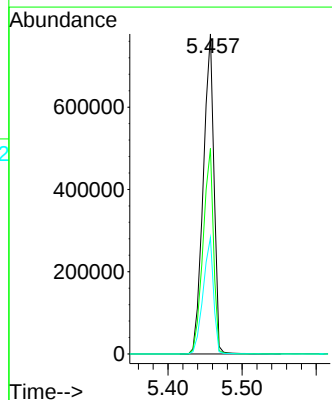
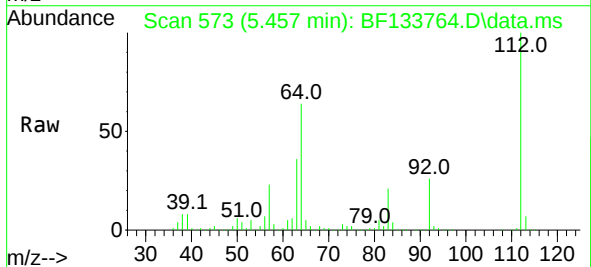
Instrument :
BNA_F
ClientSampleId :
TP-6-GA

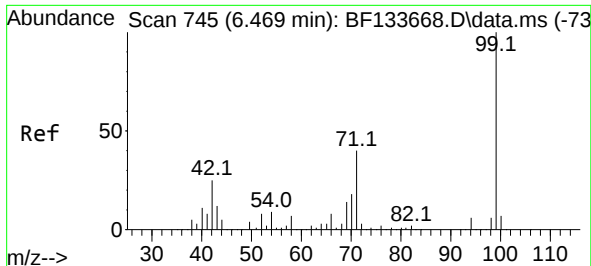
Tgt Ion:152 Resp: 138279
Ion Ratio Lower Upper
152 100
150 158.0 124.3 186.5
115 63.0 48.5 72.7



#5
2-Fluorophenol
Concen: 99.297 ng
RT: 5.457 min Scan# 573
Delta R.T. 0.012 min
Lab File: BF133764.D
Acq: 14 Jun 2023 22:00

Tgt Ion:112 Resp: 788716
Ion Ratio Lower Upper
112 100
64 64.2 49.0 73.4
63 36.4 26.8 40.2

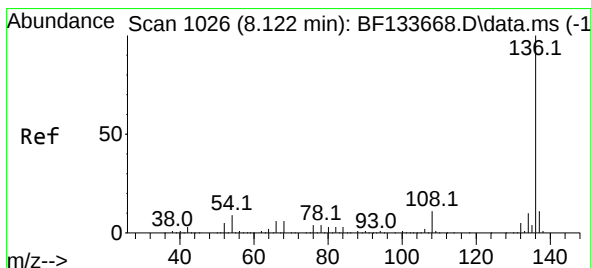
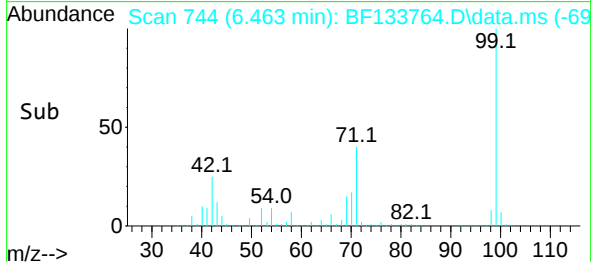
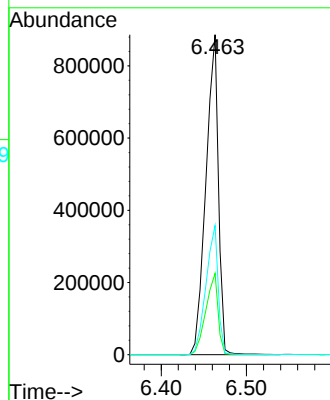
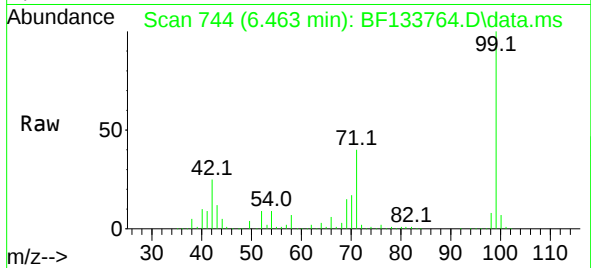




#7
Phenol-d6
Concen: 87.400 ng
RT: 6.463 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF133764.D
Acq: 14 Jun 2023 22:00

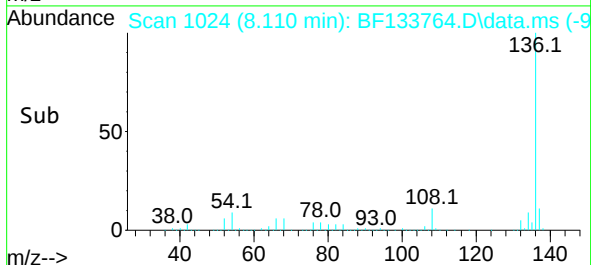
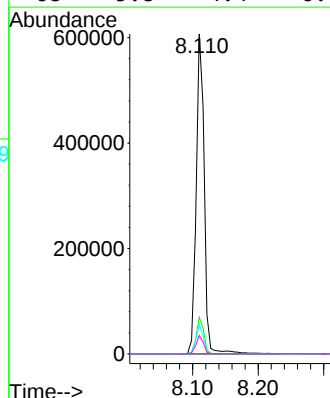
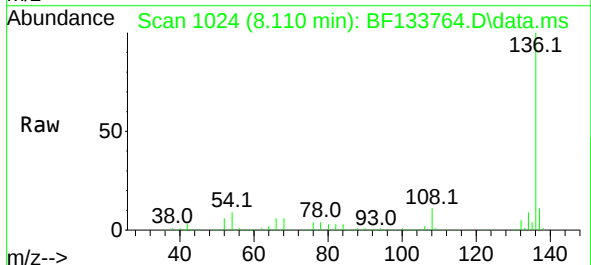
Instrument :
BNA_F
ClientSampleId :
TP-6-GA

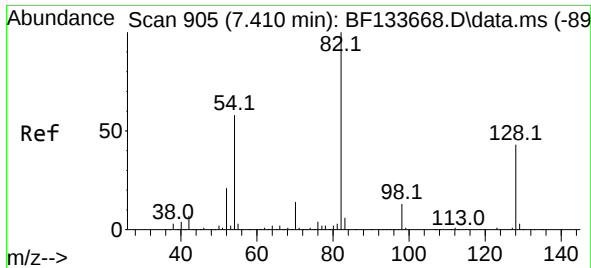
Tgt Ion: 99 Resp: 903633
Ion Ratio Lower Upper
99 100
42 25.4 19.9 29.9
71 40.4 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.110 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF133764.D
Acq: 14 Jun 2023 22:00

Tgt Ion: 136 Resp: 517882
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 9.3 7.4 11.0
68 5.8 4.4 6.6

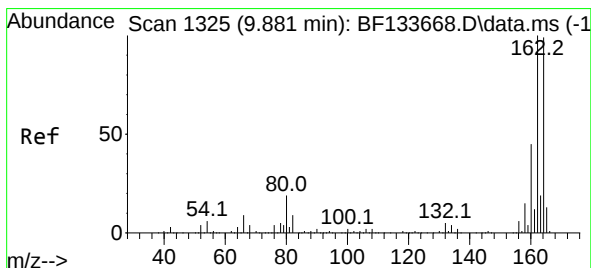
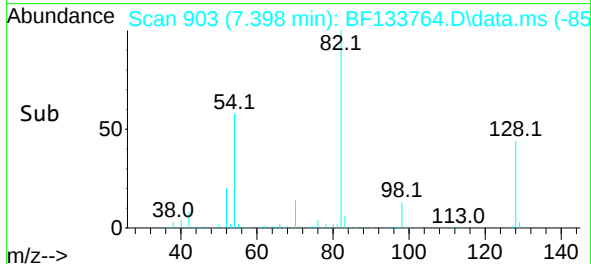
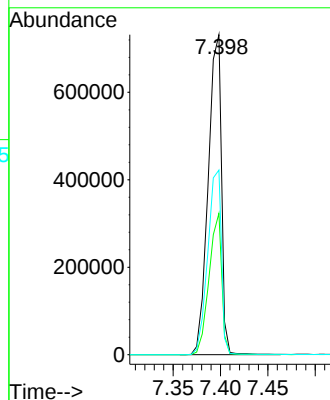
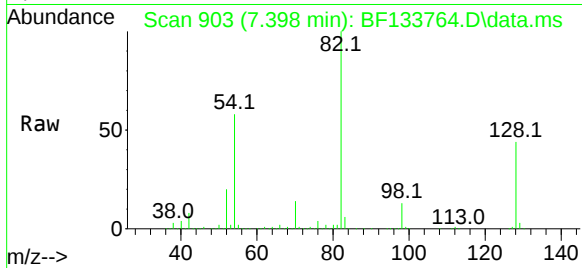




#23
 Nitrobenzene-d5
 Concen: 75.034 ng
 RT: 7.398 min Scan# 905
 Delta R.T. -0.006 min
 Lab File: BF133764.D
 Acq: 14 Jun 2023 22:00

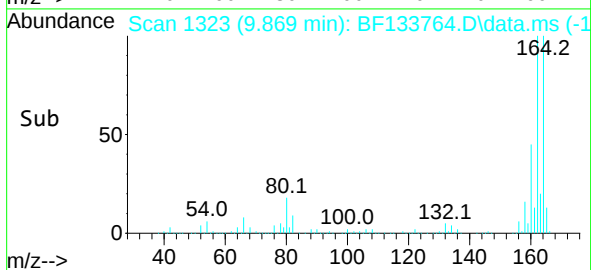
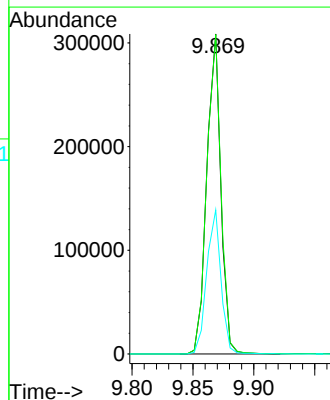
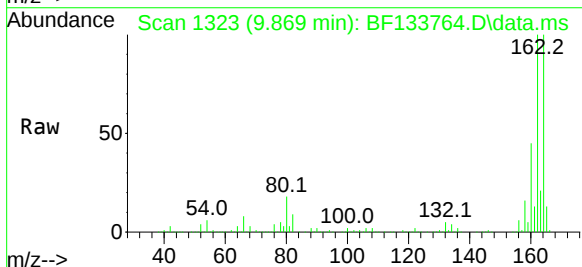
Instrument :
 BNA_F
 ClientSampleId :
 TP-6-GA

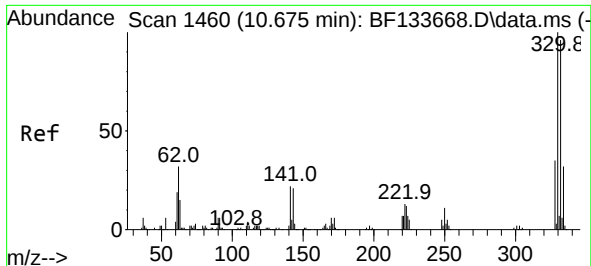
Tgt Ion: 82 Resp: 713436
 Ion Ratio Lower Upper
 82 100
 128 44.1 34.2 51.2
 54 57.7 46.5 69.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.869 min Scan# 1323
 Delta R.T. -0.006 min
 Lab File: BF133764.D
 Acq: 14 Jun 2023 22:00

Tgt Ion:164 Resp: 246371
 Ion Ratio Lower Upper
 164 100
 162 99.8 80.8 121.2
 160 45.0 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 94.339 ng

RT: 10.657 min Scan# 1460

Delta R.T. -0.012 min

Lab File: BF133764.D

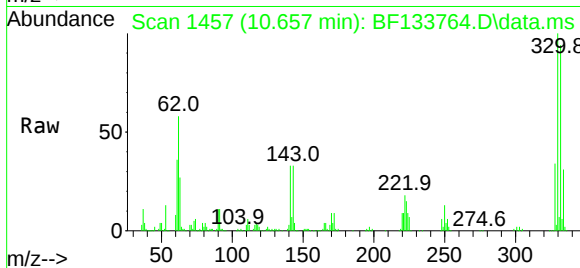
Acq: 14 Jun 2023 22:00

Instrument :

BNA_F

ClientSampleId :

TP-6-GA



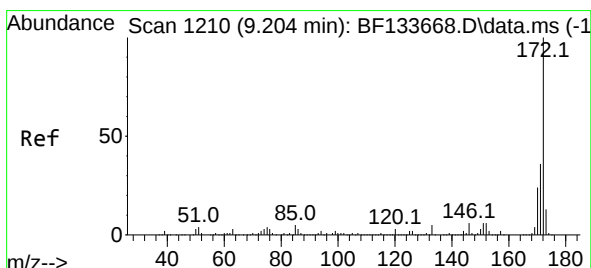
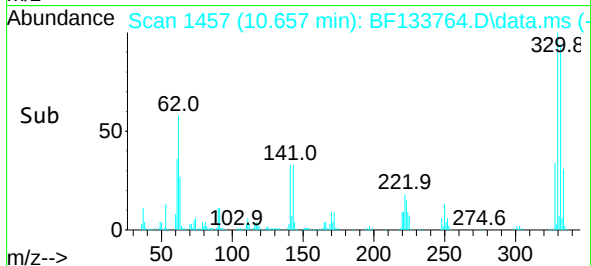
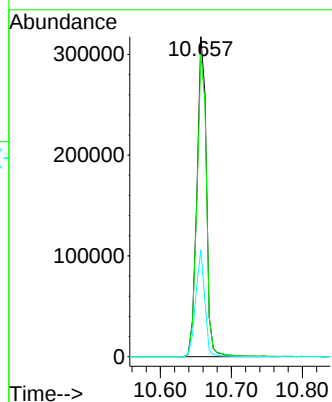
Tgt Ion:330 Resp: 294207

Ion Ratio Lower Upper

330 100

332 95.8 77.2 115.8

141 32.1 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 74.916 ng

RT: 9.192 min Scan# 1208

Delta R.T. -0.000 min

Lab File: BF133764.D

Acq: 14 Jun 2023 22:00

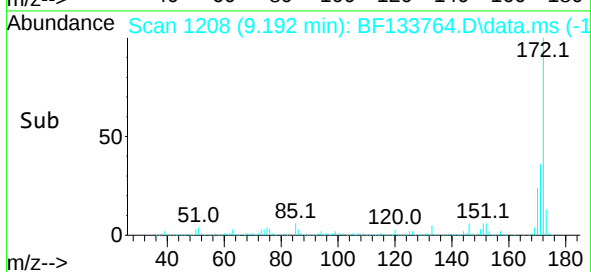
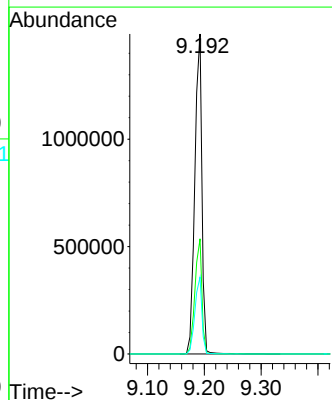
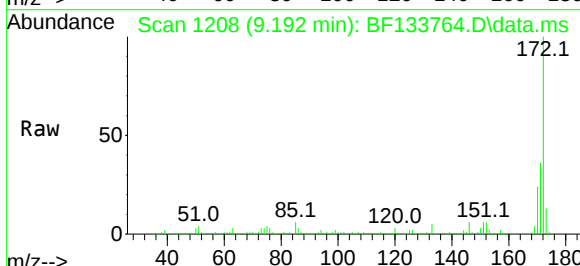
Tgt Ion:172 Resp: 1298417

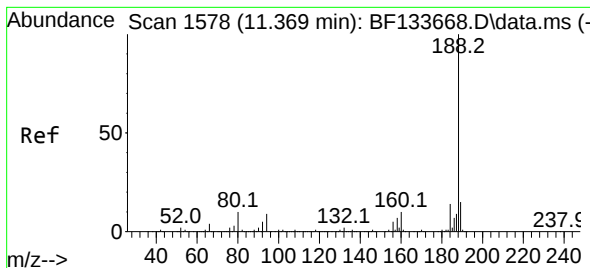
Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

170 24.0 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133764.D

Acq: 14 Jun 2023 22:00

Instrument :

BNA_F

ClientSampleId :

TP-6-GA

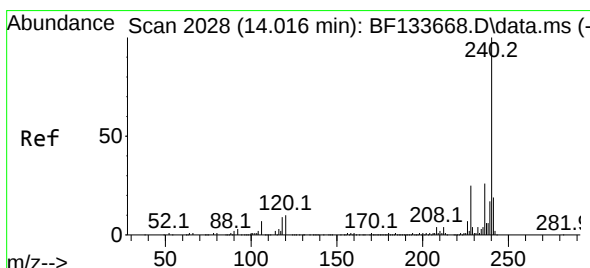
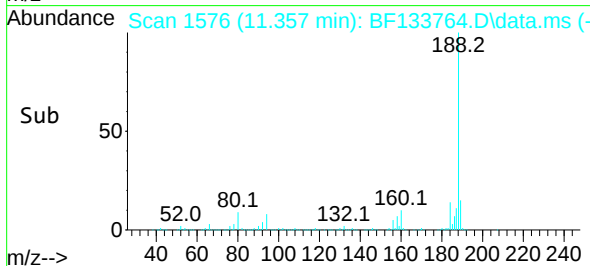
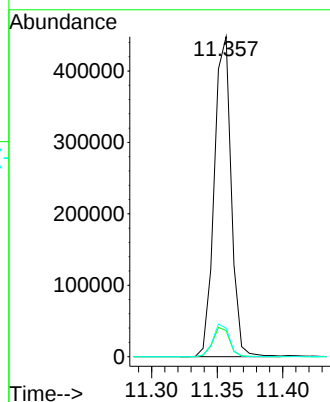
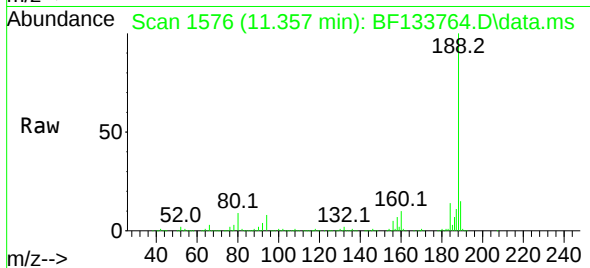
Tgt Ion:188 Resp: 402015

Ion Ratio Lower Upper

188 100

94 8.1 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. -0.012 min

Lab File: BF133764.D

Acq: 14 Jun 2023 22:00

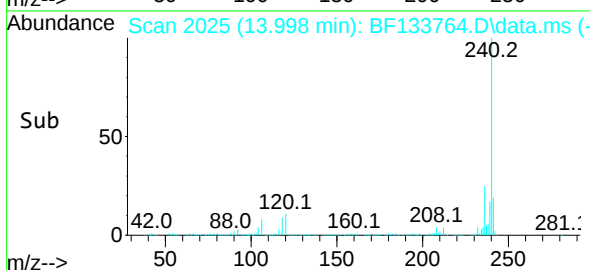
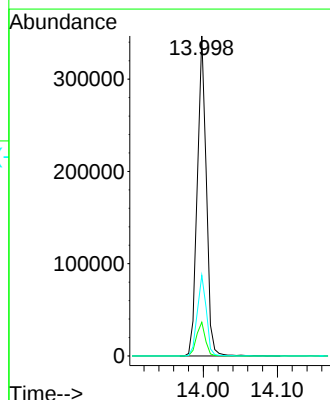
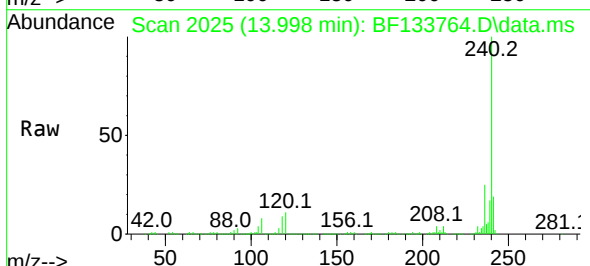
Tgt Ion:240 Resp: 291834

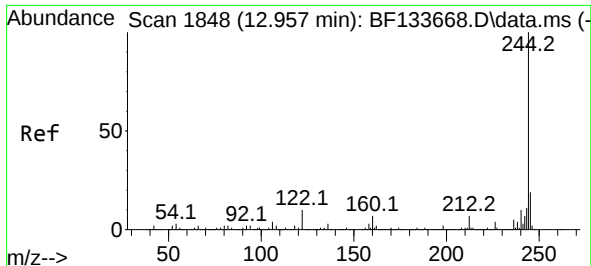
Ion Ratio Lower Upper

240 100

120 10.6 8.1 12.1

236 25.2 20.5 30.7

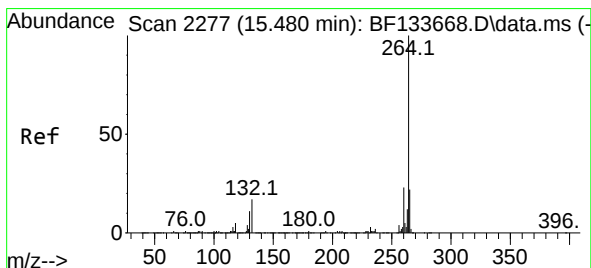
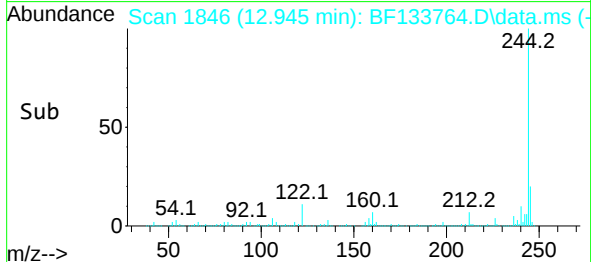
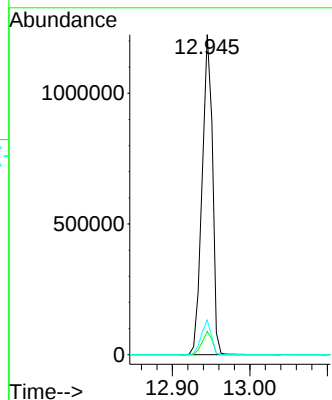
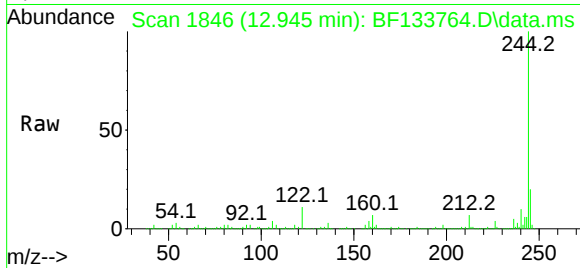




#79
 Terphenyl-d14
 Concen: 60.356 ng
 RT: 12.945 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF133764.D
 Acq: 14 Jun 2023 22:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-6-GA

Tgt Ion:244 Resp: 1138326
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.4 8.2
 122 10.8 8.1 12.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2273
 Delta R.T. -0.012 min
 Lab File: BF133764.D
 Acq: 14 Jun 2023 22:00

Tgt Ion:264 Resp: 320989
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.2 27.2
 265 22.8 17.8 26.6

