

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060923\
 Data File : BF133688.D
 Acq On : 09 Jun 2023 21:41
 Operator : CG\JU
 Sample : 03029-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Quant Time: Jun 09 22:26:40 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 09 15:37:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.839	152	76753	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	259001	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	107720	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	207275	20.000	ng	0.00
76) Chrysene-d12	14.015	240	106664	20.000	ng	0.00
86) Perylene-d12	15.486	264	88948	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	315745	71.617	ng	0.00
7) Phenol-d6	6.469	99	374522	65.262	ng	0.00
23) Nitrobenzene-d5	7.398	82	236936	49.827	ng	-0.01
42) 2,4,6-Tribromophenol	10.669	330	90215	66.162	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	413979	54.630	ng	0.00
79) Terphenyl-d14	12.957	244	393388	57.068	ng	0.00

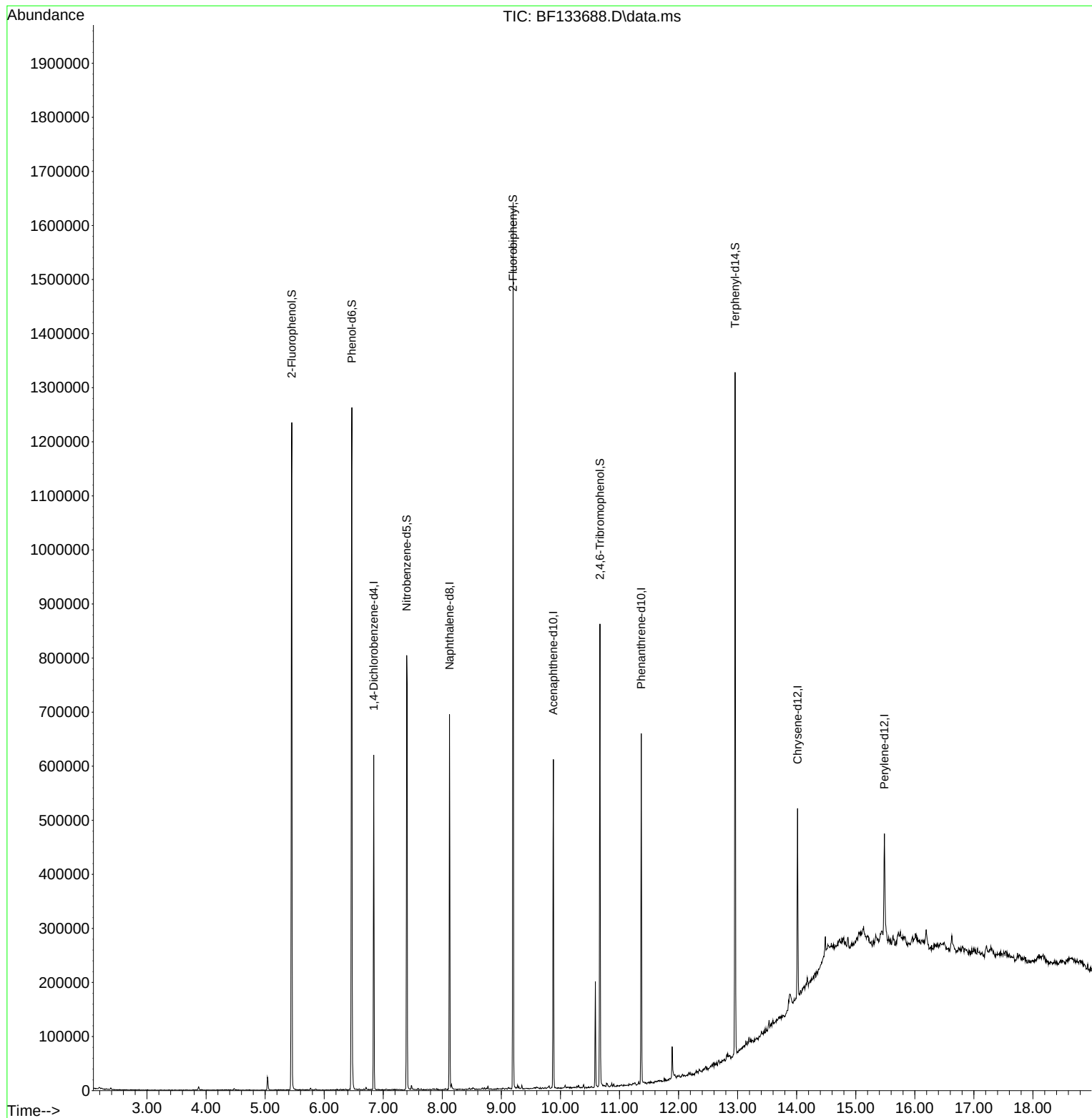
Target Compounds	Qvalue

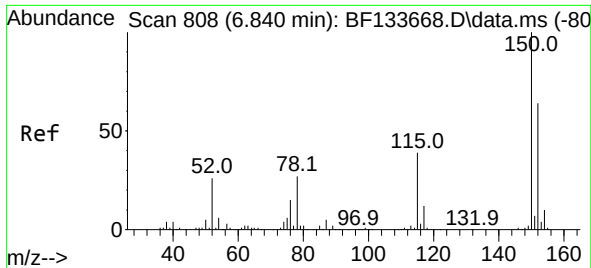
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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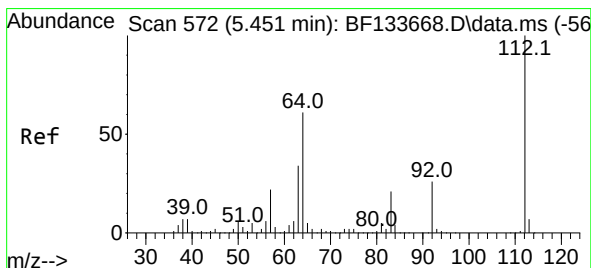
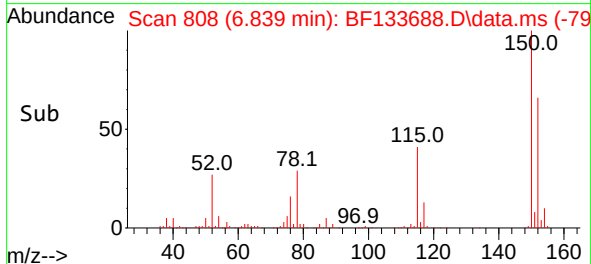
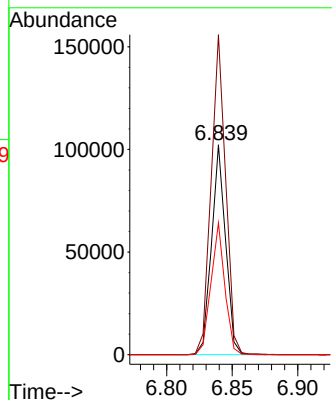
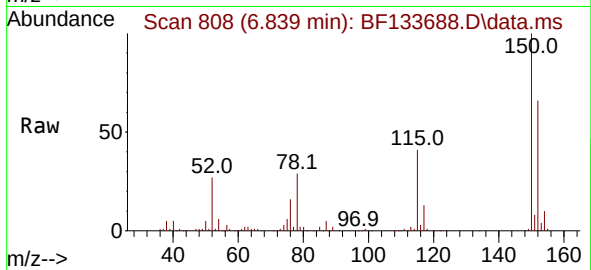




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.839 min Scan# 808
Delta R.T. -0.001 min
Lab File: BF133688.D
Acq: 09 Jun 2023 21:41

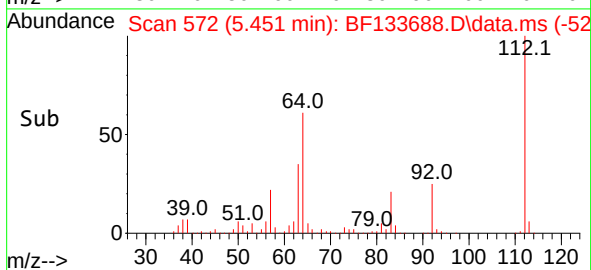
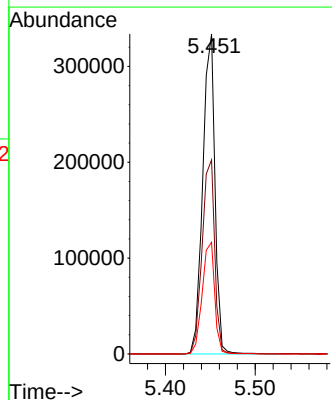
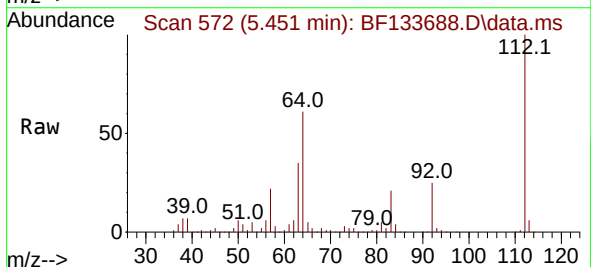
Instrument :
BNA_F
ClientSampleId :
TP-10

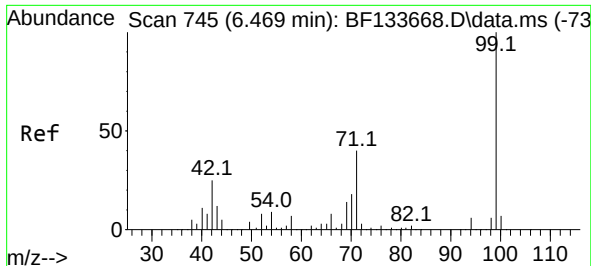
Tgt Ion:152 Resp: 76753
Ion Ratio Lower Upper
152 100
150 152.4 124.3 186.5
115 62.8 48.5 72.7



#5
2-Fluorophenol
Concen: 71.617 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF133688.D
Acq: 09 Jun 2023 21:41

Tgt Ion:112 Resp: 315745
Ion Ratio Lower Upper
112 100
64 60.7 49.0 73.4
63 34.9 26.8 40.2

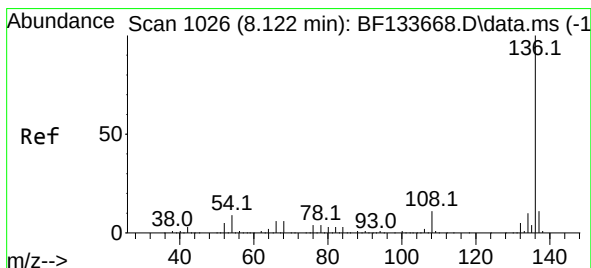
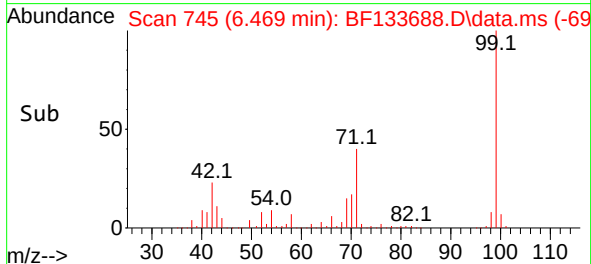
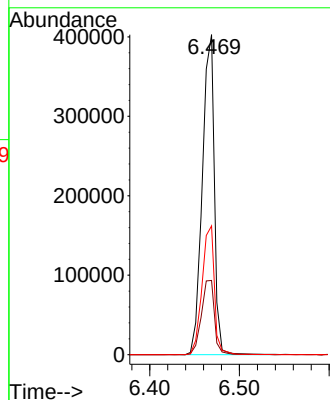
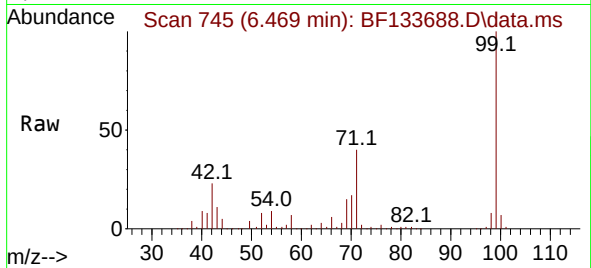




#7
Phenol-d6
Concen: 65.262 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF133688.D
Acq: 09 Jun 2023 21:41

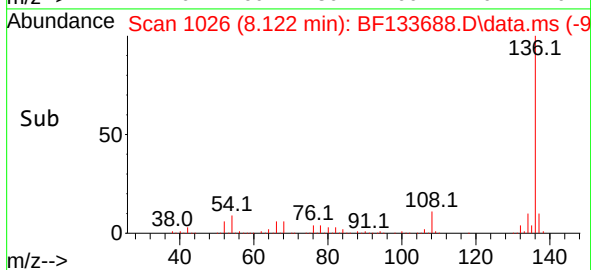
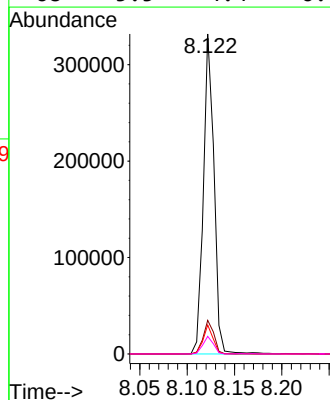
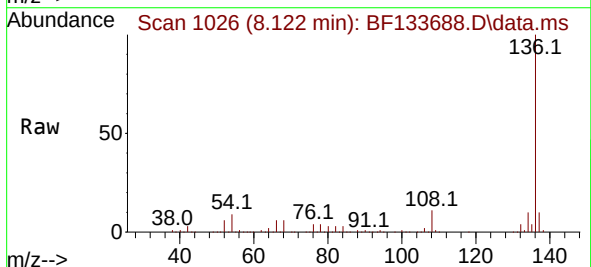
Instrument :
BNA_F
ClientSampleId :
TP-10

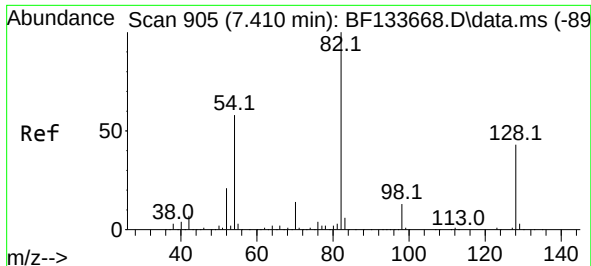
Tgt Ion: 99 Resp: 374522
Ion Ratio Lower Upper
99 100
42 23.2 19.9 29.9
71 40.3 32.2 48.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF133688.D
Acq: 09 Jun 2023 21:41

Tgt Ion: 136 Resp: 259001
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 9.1 7.4 11.0
68 5.5 4.4 6.6





#23

Nitrobenzene-d5

Concen: 49.827 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.012 min

Lab File: BF133688.D

Acq: 09 Jun 2023 21:41

Instrument :

BNA_F

ClientSampleId :

TP-10

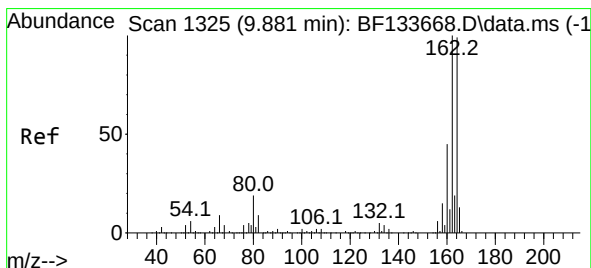
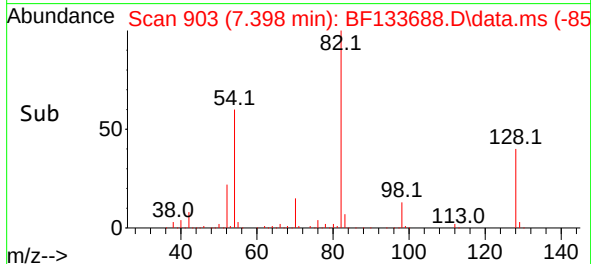
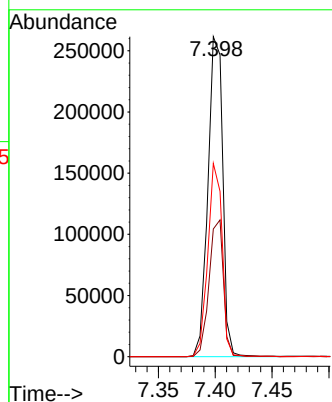
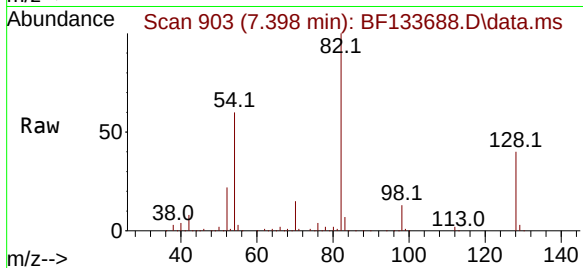
Tgt Ion: 82 Resp: 236936

Ion Ratio Lower Upper

82 100

128 39.9 34.2 51.2

54 60.4 46.5 69.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.000 min

Lab File: BF133688.D

Acq: 09 Jun 2023 21:41

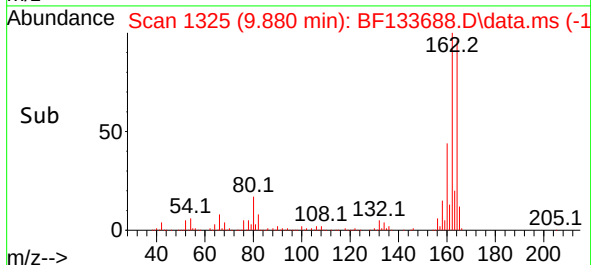
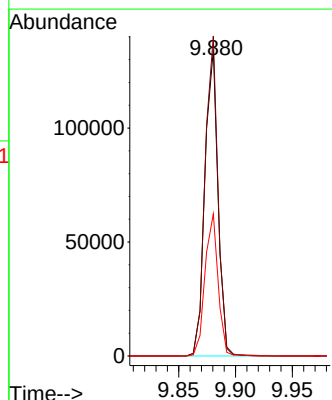
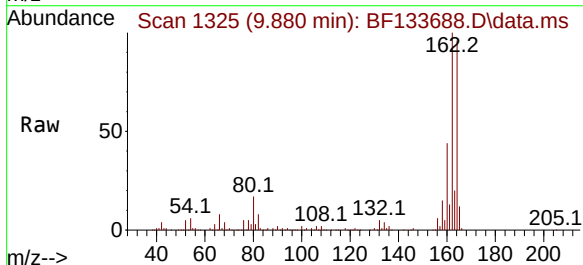
Tgt Ion:164 Resp: 107720

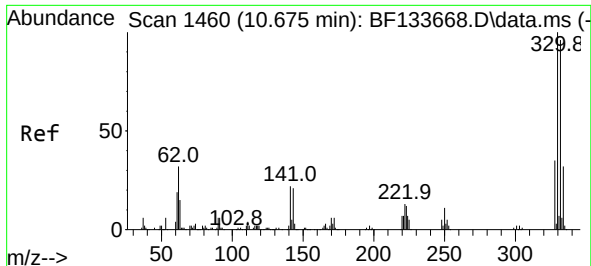
Ion Ratio Lower Upper

164 100

162 104.5 80.8 121.2

160 46.4 36.7 55.1





#42

2,4,6-Tribromophenol

Concen: 66.162 ng

RT: 10.669 min Scan# 1460

Delta R.T. -0.006 min

Lab File: BF133688.D

Acq: 09 Jun 2023 21:41

Instrument :

BNA_F

ClientSampleId :

TP-10

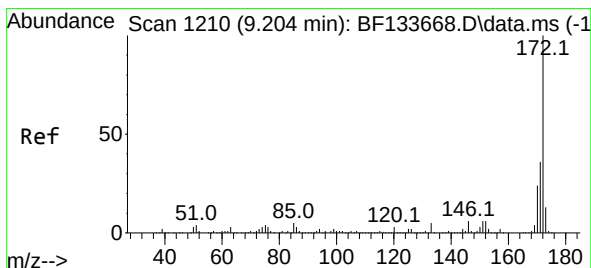
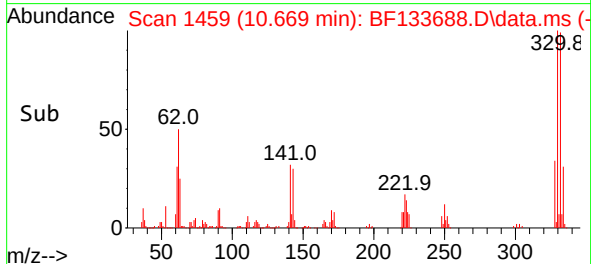
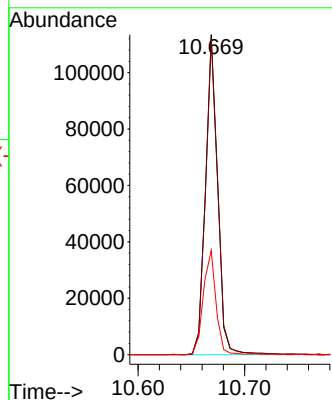
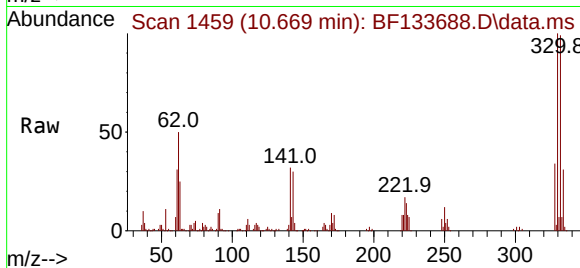
Tgt Ion:330 Resp: 90215

Ion Ratio Lower Upper

330 100

332 99.0 77.2 115.8

141 34.0 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 54.630 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF133688.D

Acq: 09 Jun 2023 21:41

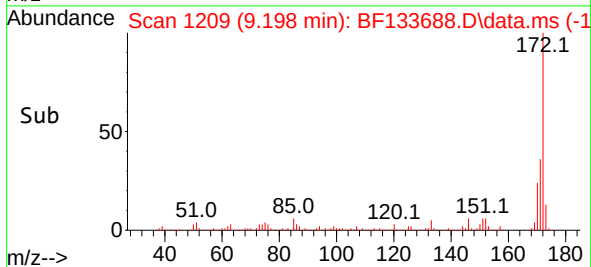
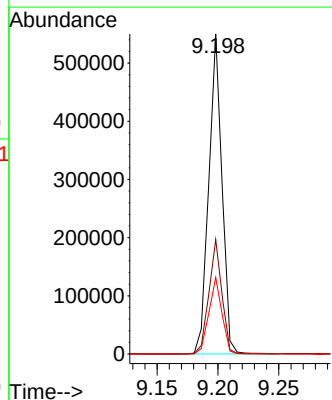
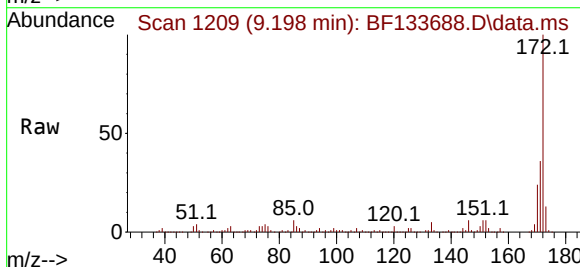
Tgt Ion:172 Resp: 413979

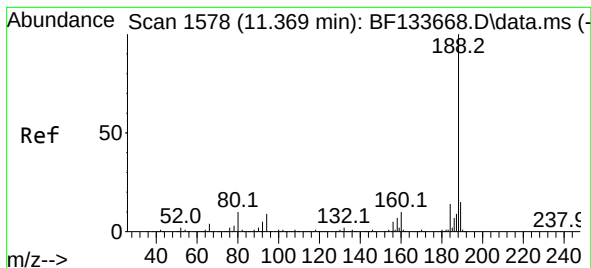
Ion Ratio Lower Upper

172 100

171 35.8 28.6 43.0

170 23.9 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133688.D

Acq: 09 Jun 2023 21:41

Instrument :

BNA_F

ClientSampleId :

TP-10

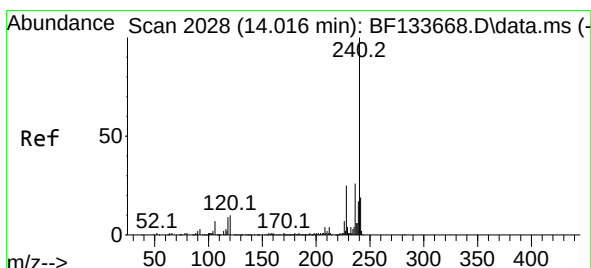
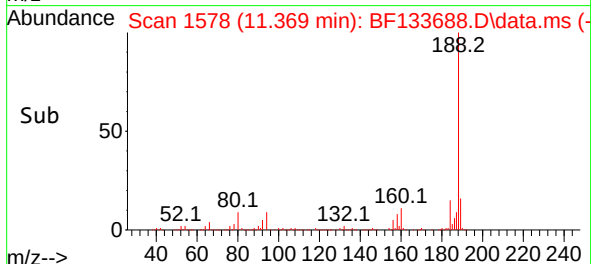
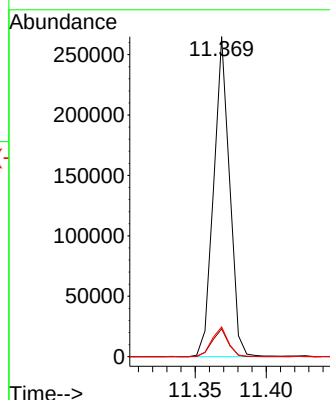
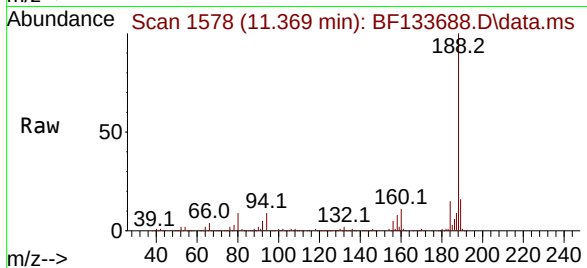
Tgt Ion:188 Resp: 207275

Ion Ratio Lower Upper

188 100

94 8.7 6.8 10.2

80 9.3 7.8 11.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF133688.D

Acq: 09 Jun 2023 21:41

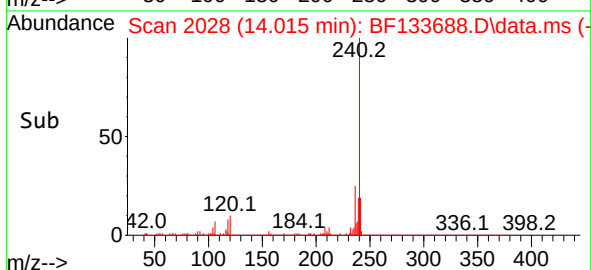
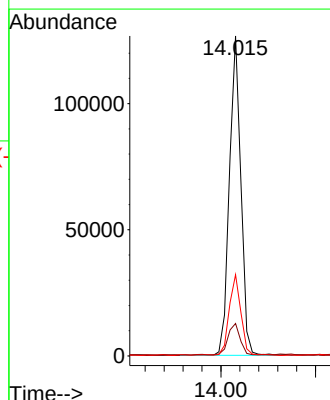
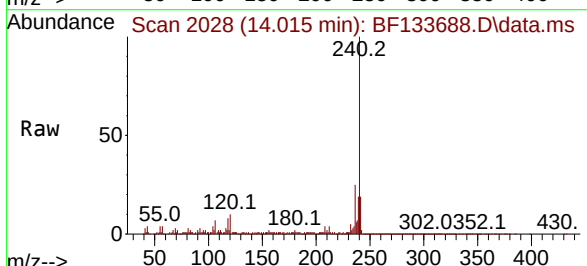
Tgt Ion:240 Resp: 106664

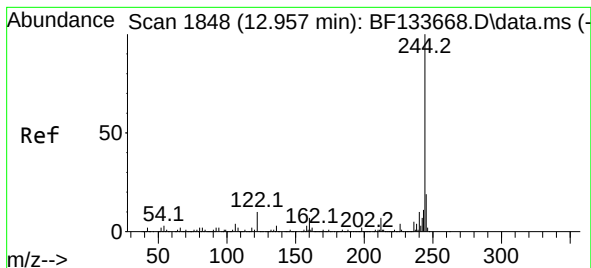
Ion Ratio Lower Upper

240 100

120 10.2 8.1 12.1

236 25.4 20.5 30.7





#79

Terphenyl-d14

Concen: 57.068 ng

RT: 12.957 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133688.D

Acq: 09 Jun 2023 21:41

Instrument :

BNA_F

ClientSampleId :

TP-10

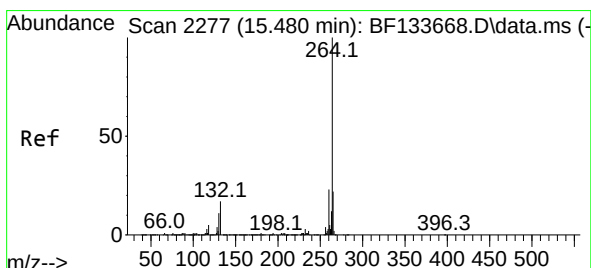
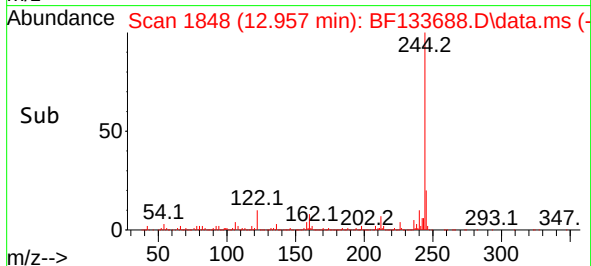
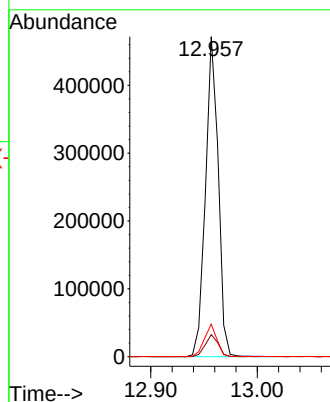
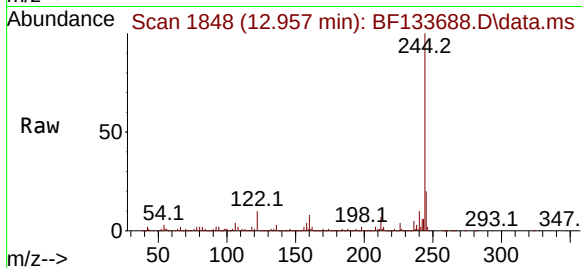
Tgt Ion:244 Resp: 393388

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: 15.486 min Scan# 2278

Delta R.T. 0.006 min

Lab File: BF133688.D

Acq: 09 Jun 2023 21:41

Tgt Ion:264 Resp: 88948

Ion Ratio Lower Upper

264 100

260 24.8 18.2 27.2

265 23.2 17.8 26.6

