

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136190.D
 Acq On : 24 Nov 2023 20:48
 Operator : CG\JU
 Sample : 05468-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-11

Quant Time: Nov 24 23:09:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 24 23:00:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	120949	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	517213	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	268308	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	497577	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	257426	20.000	ng	0.00
86) Perylene-d12	15.462	264	250369	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	1104369	145.385	ng	0.01
7) Phenol-d6	6.439	99	1396723	149.426	ng	0.00
23) Nitrobenzene-d5	7.369	82	846328	91.312	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	422364	150.302	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1746155	96.201	ng	0.00
79) Terphenyl-d14	12.927	244	1732904	95.554	ng	0.00

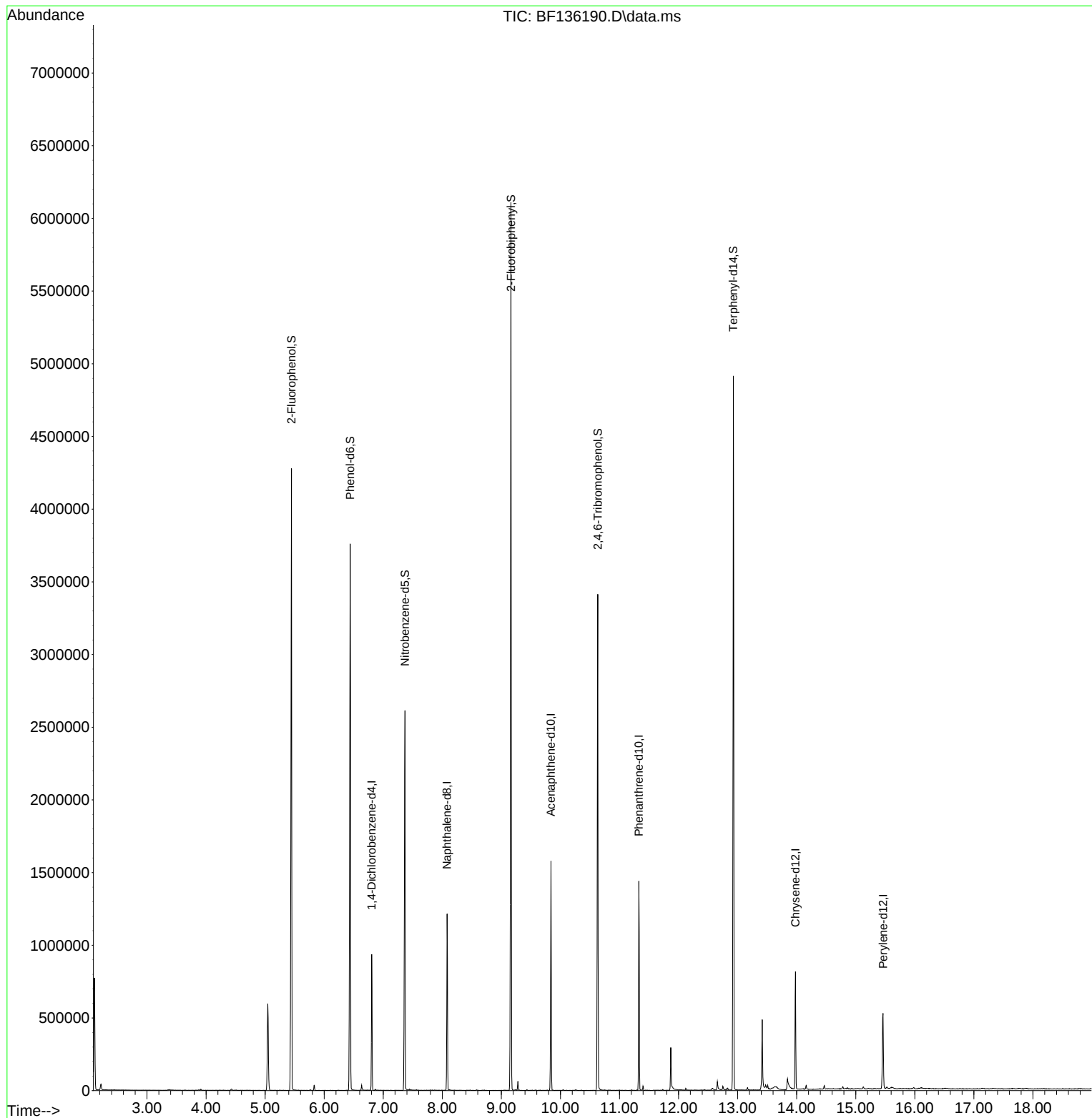
Target Compounds	Qvalue

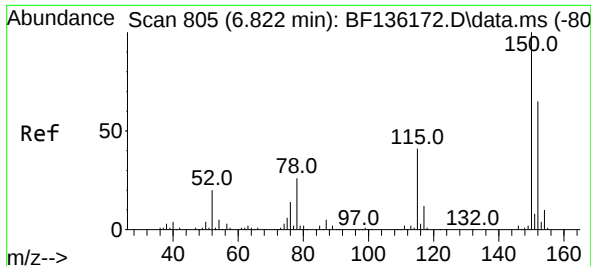
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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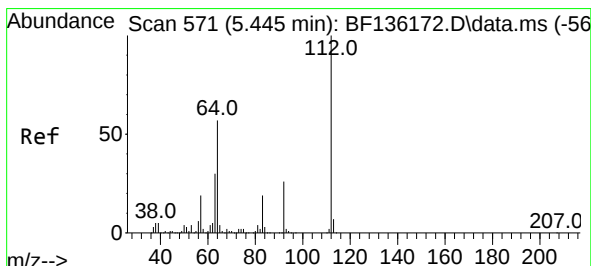
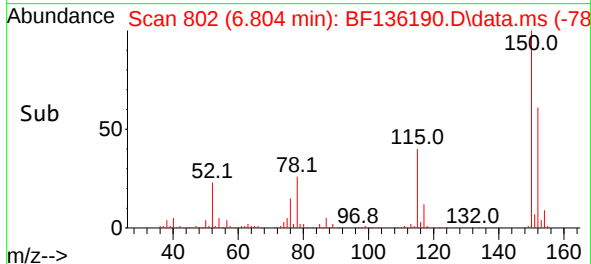
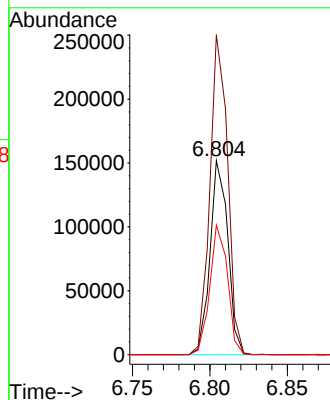
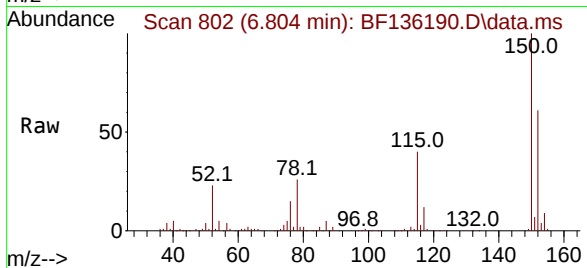




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 805
 Delta R.T. -0.006 min
 Lab File: BF136190.D
 Acq: 24 Nov 2023 20:48

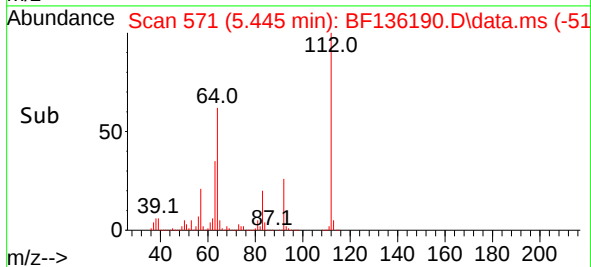
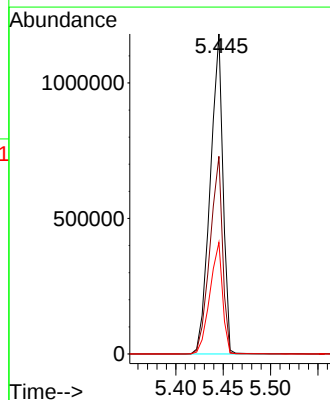
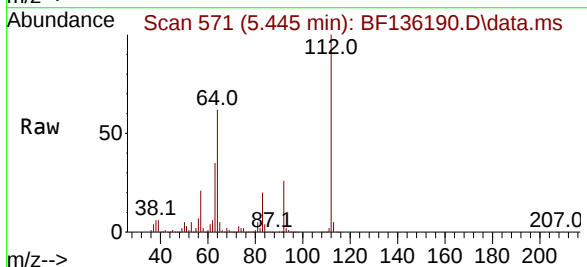
Instrument :
 BNA_F
 ClientSampleId :
 TP-11

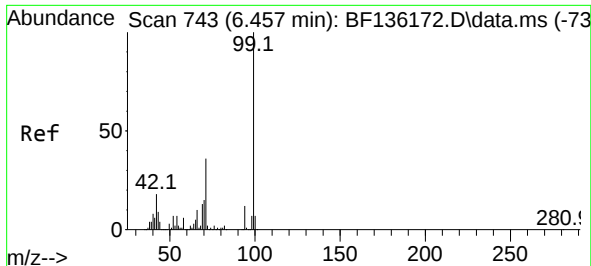
Tgt Ion:152 Resp: 120949
 Ion Ratio Lower Upper
 152 100
 150 164.8 123.1 184.7
 115 66.7 50.5 75.7



#5
 2-Fluorophenol
 Concen: 145.385 ng
 RT: 5.445 min Scan# 571
 Delta R.T. 0.011 min
 Lab File: BF136190.D
 Acq: 24 Nov 2023 20:48

Tgt Ion:112 Resp: 1104369
 Ion Ratio Lower Upper
 112 100
 64 61.7 45.4 68.0
 63 34.8 24.4 36.6



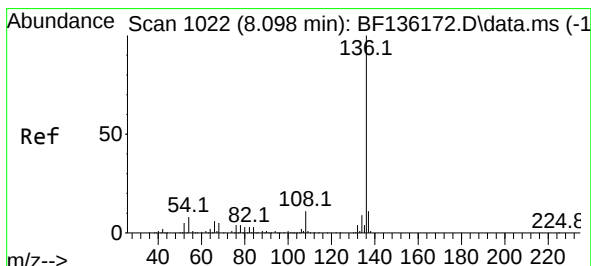
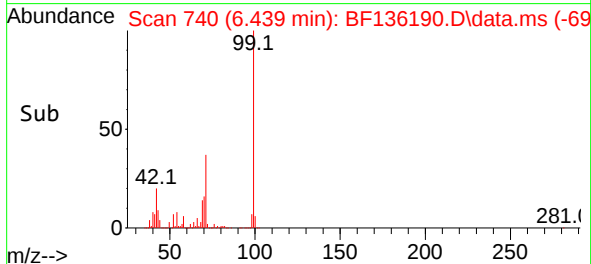
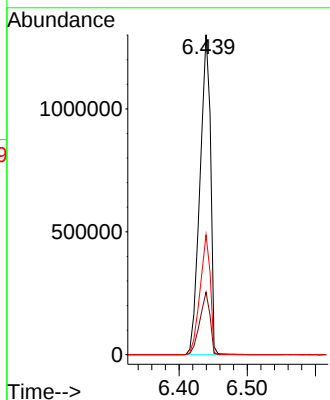
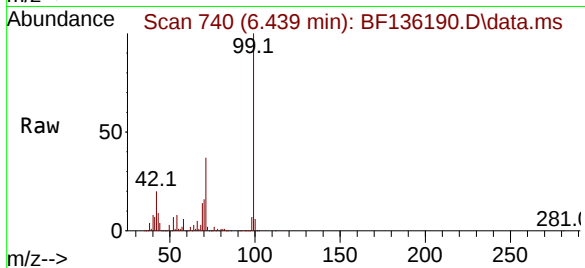


#7
Phenol-d6
Concen: 149.426 ng
RT: 6.439 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136190.D
Acq: 24 Nov 2023 20:48

Instrument :
BNA_F
ClientSampleId :
TP-11

Tgt Ion: 99 Resp: 1396723

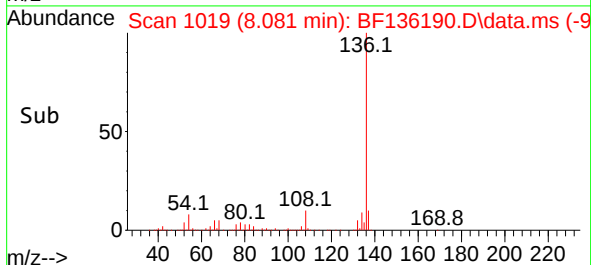
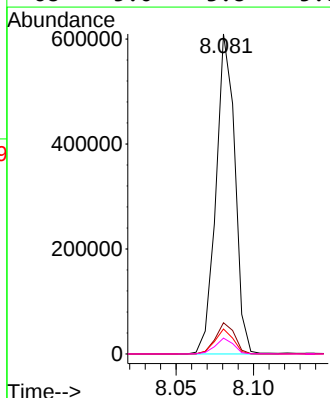
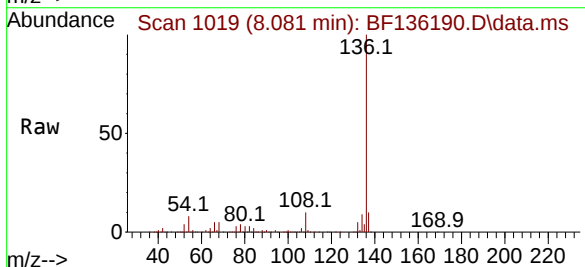
Ion	Ratio	Lower	Upper
99	100		
42	19.6	14.1	21.1
71	37.4	29.0	43.4

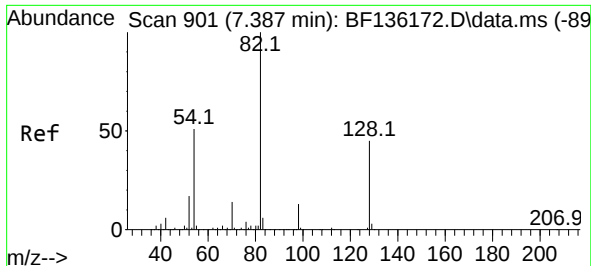


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136190.D
Acq: 24 Nov 2023 20:48

Tgt Ion: 136 Resp: 517213

Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.6	13.0
54	7.8	6.3	9.5
68	5.0	3.8	5.8





#23

Nitrobenzene-d5

Concen: 91.312 ng

RT: 7.369 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF136190.D

Acq: 24 Nov 2023 20:48

Instrument :

BNA_F

ClientSampleId :

TP-11

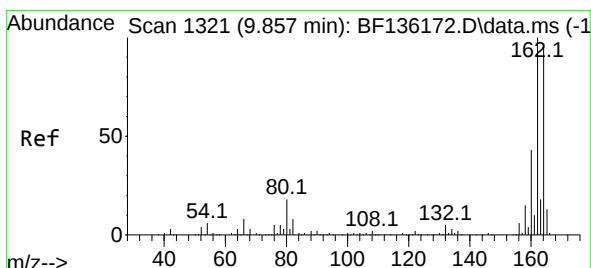
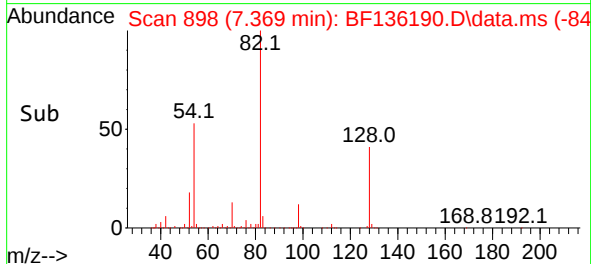
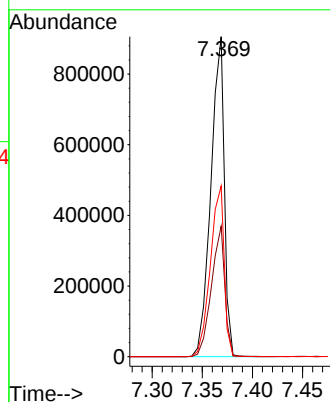
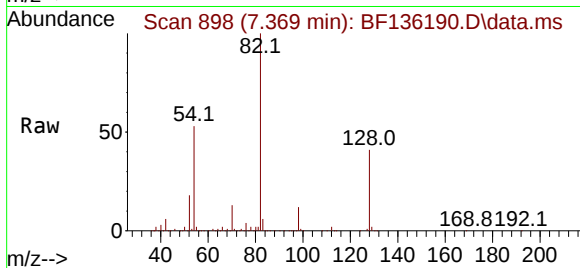
Tgt Ion: 82 Resp: 846328

Ion Ratio Lower Upper

82 100

128 40.8 35.8 53.6

54 53.4 40.6 60.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1318

Delta R.T. -0.006 min

Lab File: BF136190.D

Acq: 24 Nov 2023 20:48

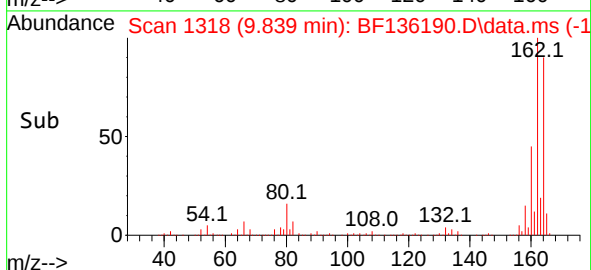
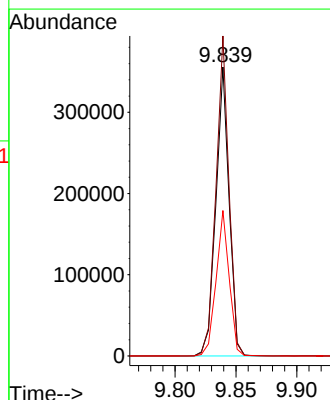
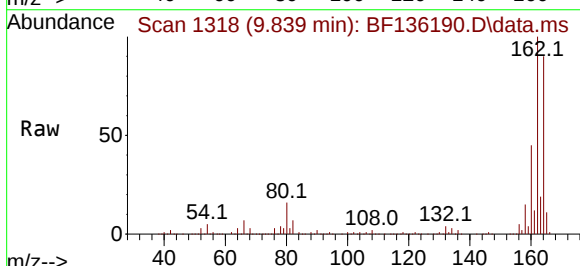
Tgt Ion:164 Resp: 268308

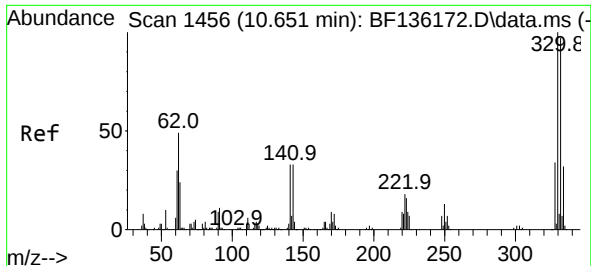
Ion Ratio Lower Upper

164 100

162 110.7 83.2 124.8

160 50.4 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 150.302 ng

RT: 10.633 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF136190.D

Acq: 24 Nov 2023 20:48

Instrument :

BNA_F

ClientSampleId :

TP-11

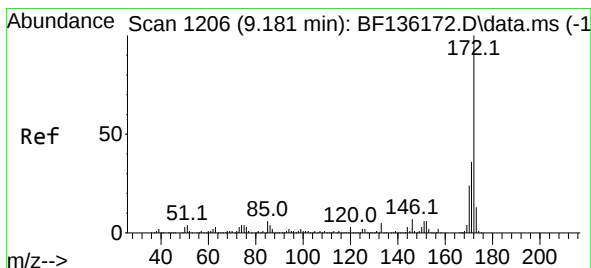
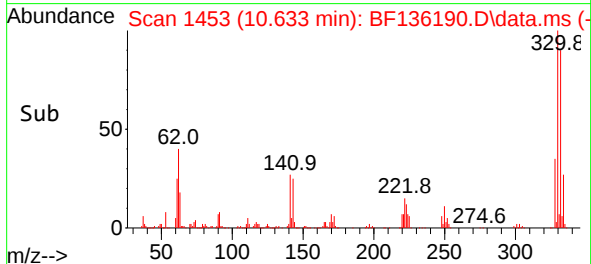
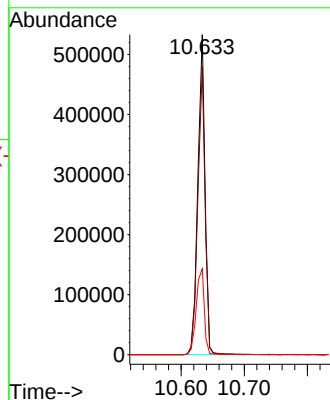
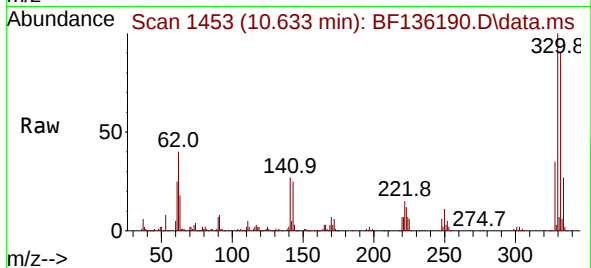
Tgt Ion:330 Resp: 422364

Ion Ratio Lower Upper

330 100

332 90.8 77.6 116.4

141 30.0 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 96.201 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136190.D

Acq: 24 Nov 2023 20:48

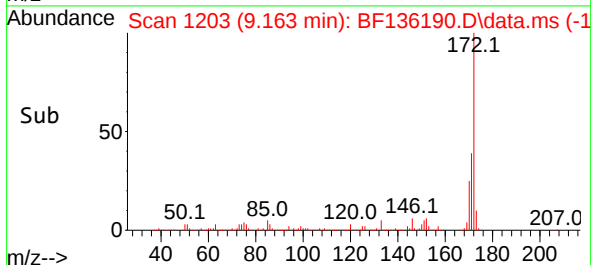
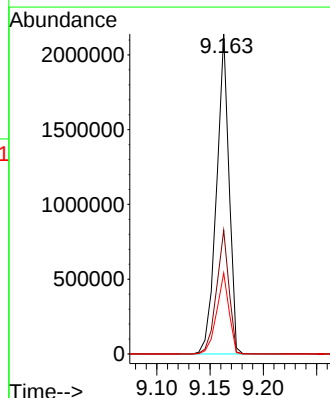
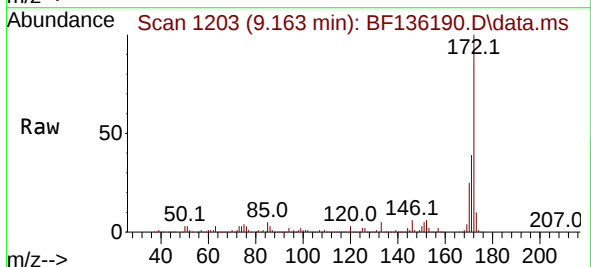
Tgt Ion:172 Resp: 1746155

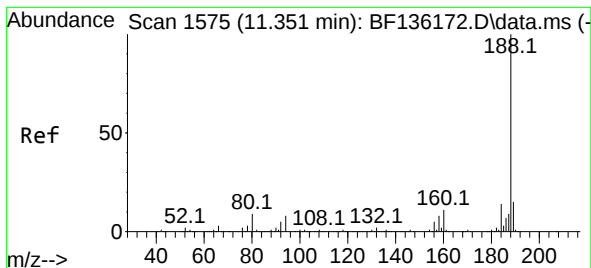
Ion Ratio Lower Upper

172 100

171 38.6 28.9 43.3

170 25.3 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136190.D

Acq: 24 Nov 2023 20:48

Instrument :

BNA_F

ClientSampleId :

TP-11

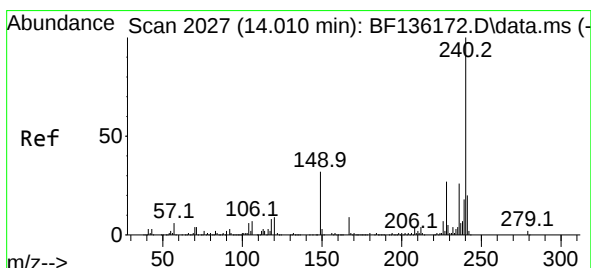
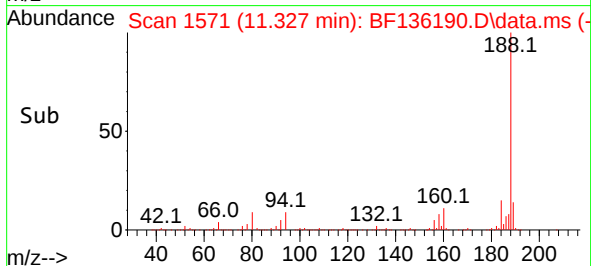
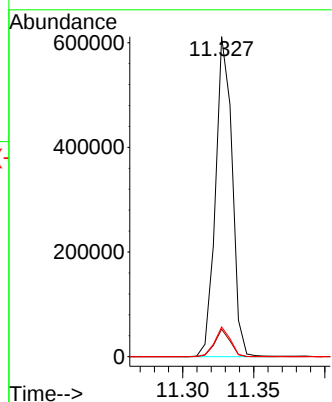
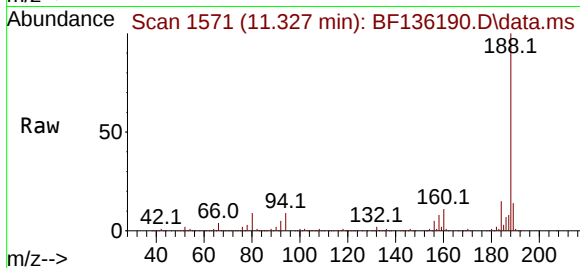
Tgt Ion:188 Resp: 497577

Ion Ratio Lower Upper

188 100

94 8.6 6.6 9.8

80 9.3 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.980 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF136190.D

Acq: 24 Nov 2023 20:48

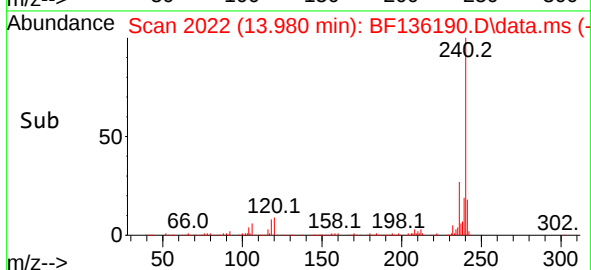
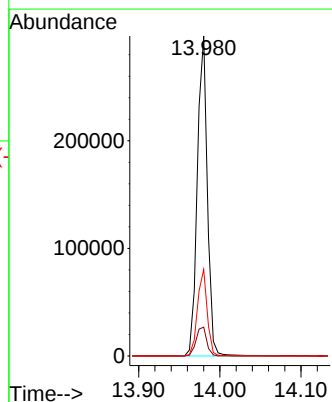
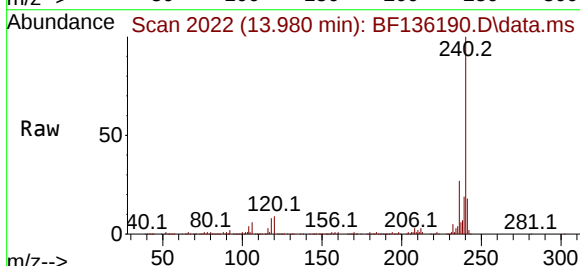
Tgt Ion:240 Resp: 257426

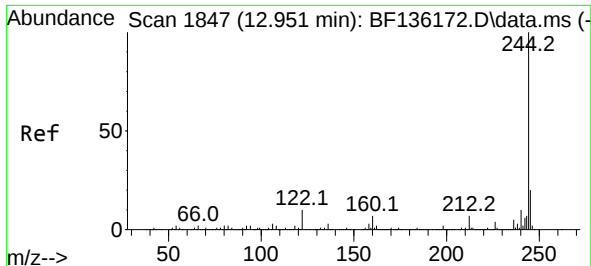
Ion Ratio Lower Upper

240 100

120 9.0 7.1 10.7

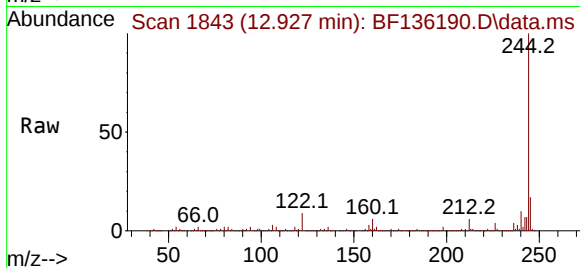
236 27.0 20.9 31.3



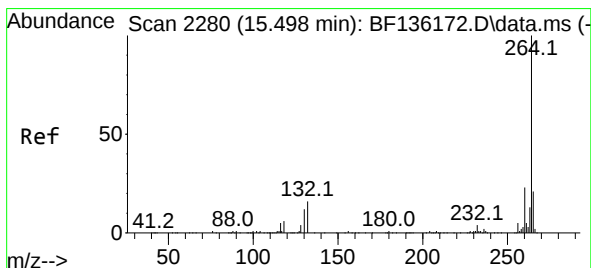
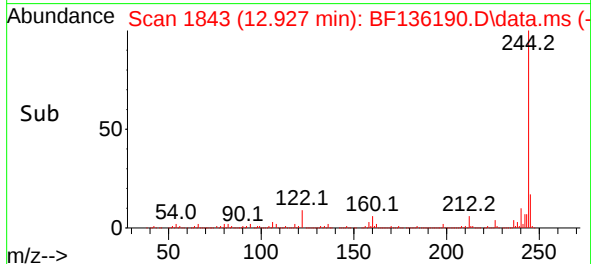
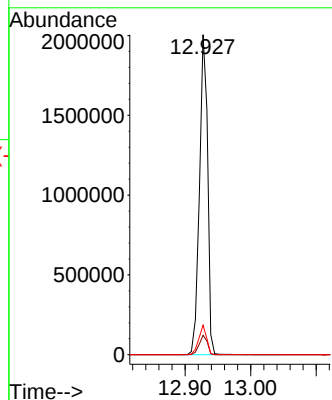


#79
Terphenyl-d14
Concen: 95.554 ng
RT: 12.927 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BF136190.D
Acq: 24 Nov 2023 20:48

Instrument :
BNA_F
ClientSampleId :
TP-11



Tgt Ion:244 Resp: 1732904
Ion Ratio Lower Upper
244 100
212 6.0 5.4 8.0
122 9.2 8.1 12.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BF136190.D
Acq: 24 Nov 2023 20:48

Tgt Ion:264 Resp: 250369
Ion Ratio Lower Upper
264 100
260 23.9 18.5 27.7
265 19.4 16.9 25.3

