

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112423\
 Data File : BF136212.D
 Acq On : 25 Nov 2023 09:17
 Operator : CG\JU
 Sample : 05412-08
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-2

Quant Time: Nov 27 02:20:58 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 23:44:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	133423	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	555588	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	287894	20.000	ng	0.00
64) Phenanthrene-d10	11.327	188	529806	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	289019	20.000	ng	0.00
86) Perylene-d12	15.462	264	270595	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1055129	125.917	ng	0.02
7) Phenol-d6	6.439	99	1171929	113.655	ng	0.00
23) Nitrobenzene-d5	7.369	82	899366	90.332	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	388755	128.930	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1848754	94.925	ng	0.00
79) Terphenyl-d14	12.927	244	1976639	97.080	ng	0.00

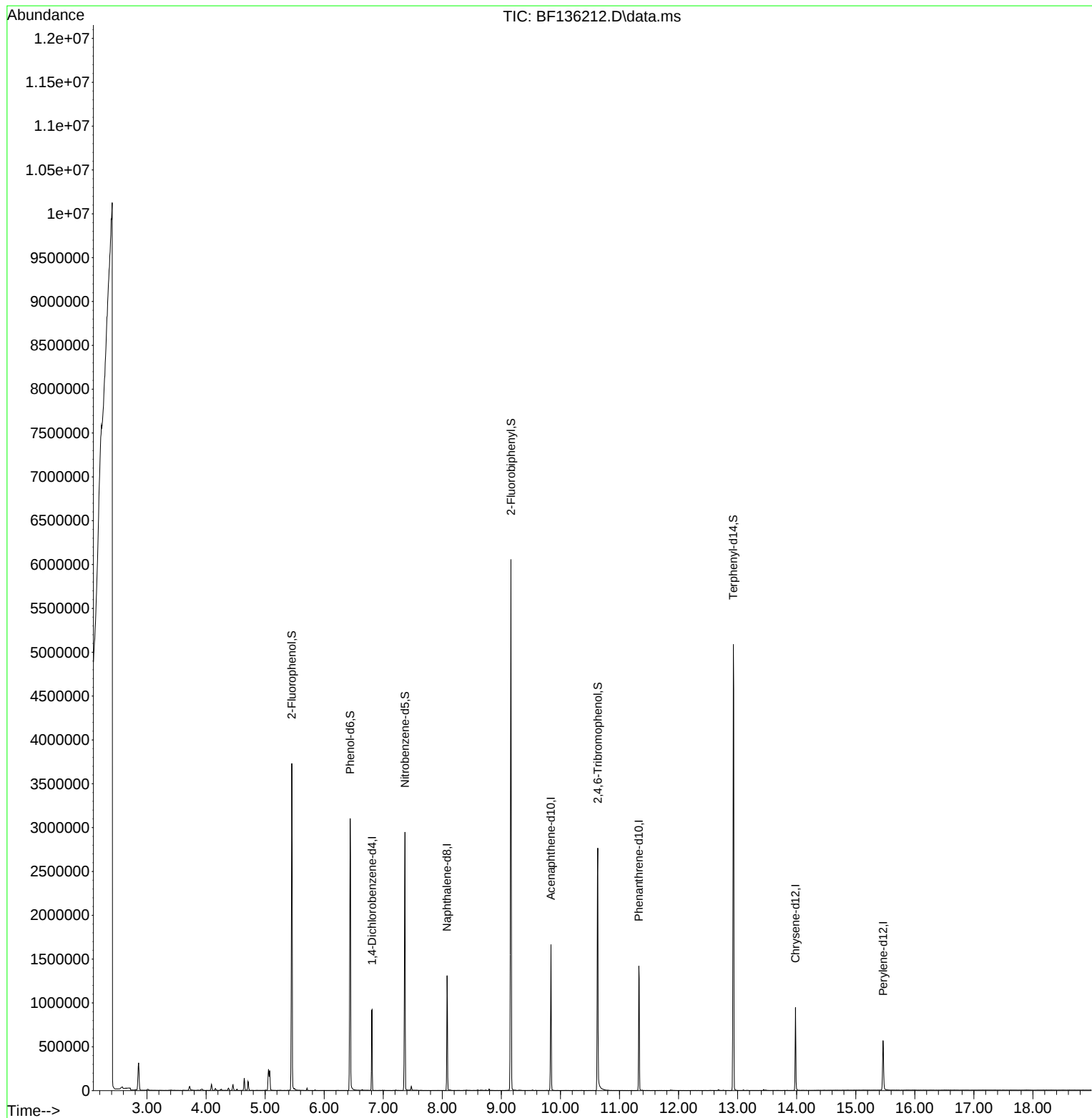
Target Compounds	Qvalue

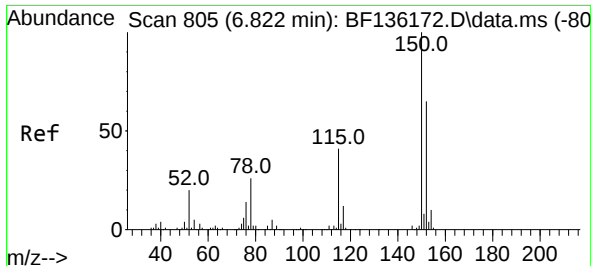
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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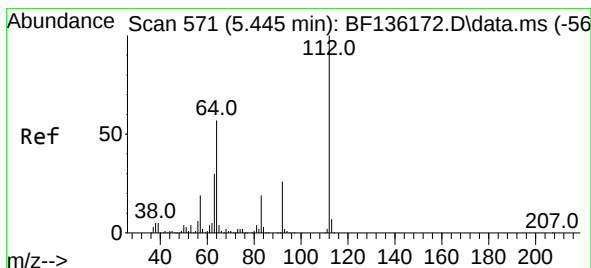
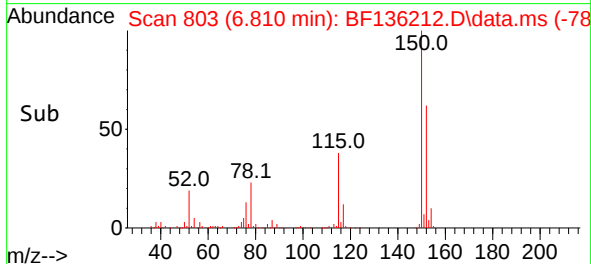
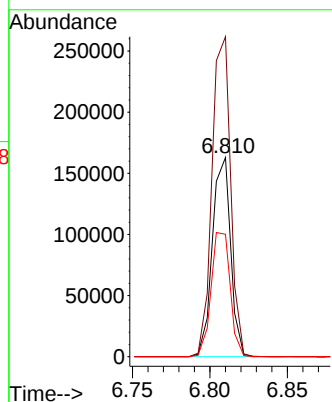
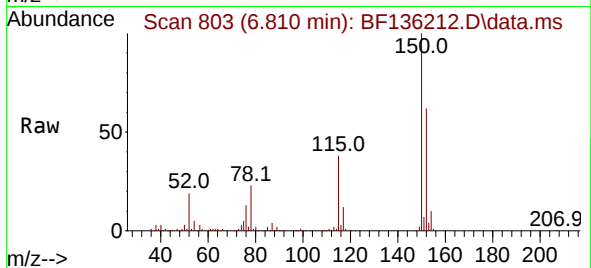




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 805
Delta R.T. 0.000 min
Lab File: BF136212.D
Acq: 25 Nov 2023 09:17

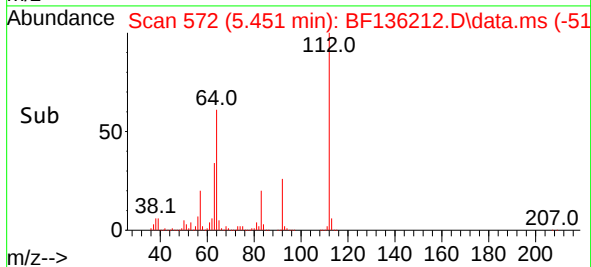
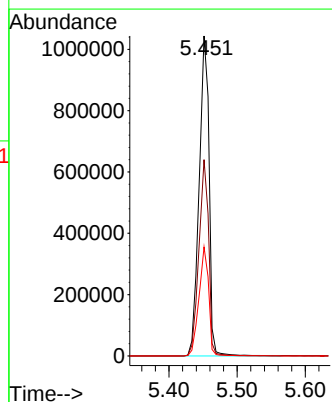
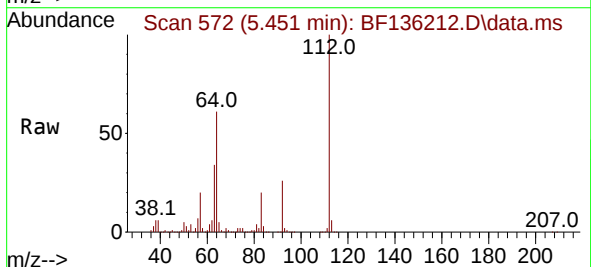
Instrument :
BNA_F
ClientSampleId :
MH-2

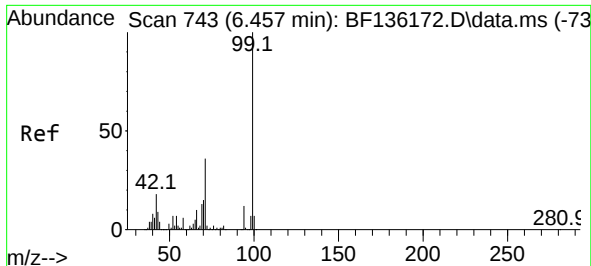
Tgt Ion:152 Resp: 133423
Ion Ratio Lower Upper
152 100
150 160.6 123.1 184.7
115 61.5 50.5 75.7



#5
2-Fluorophenol
Concen: 125.917 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.017 min
Lab File: BF136212.D
Acq: 25 Nov 2023 09:17

Tgt Ion:112 Resp: 1055129
Ion Ratio Lower Upper
112 100
64 61.3 45.4 68.0
63 34.1 24.4 36.6



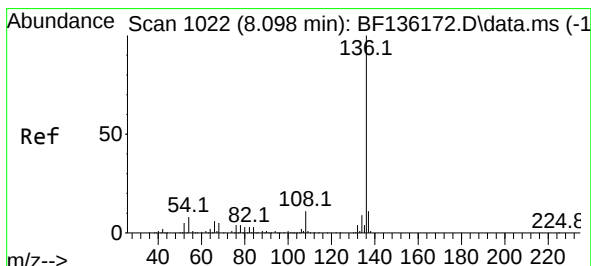
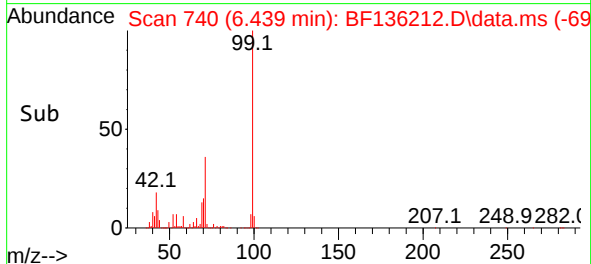
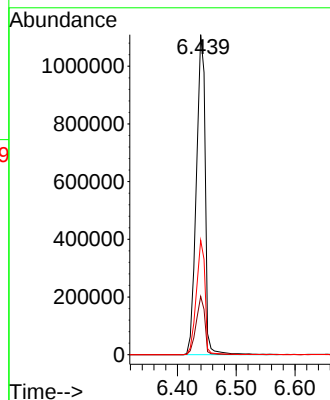
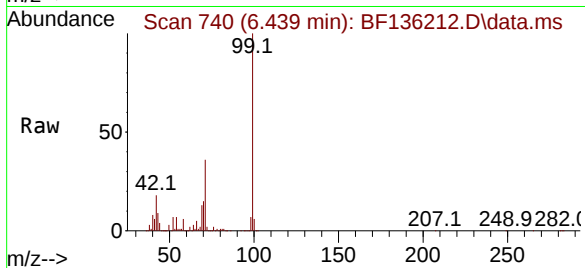


#7
Phenol-d6
Concen: 113.655 ng
RT: 6.439 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136212.D
Acq: 25 Nov 2023 09:17

Instrument :
BNA_F
ClientSampleId :
MH-2

Tgt Ion: 99 Resp: 1171929

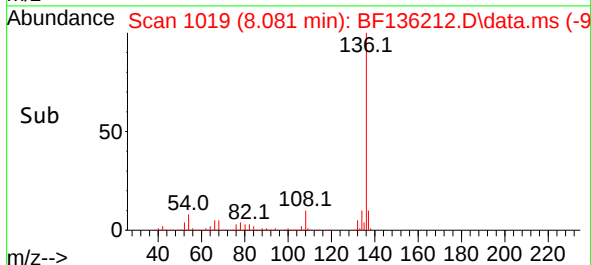
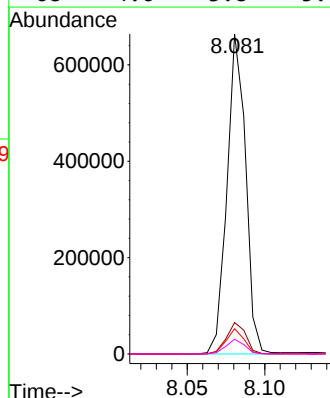
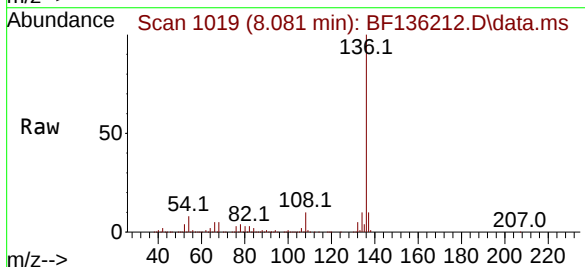
Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.1	21.1
71	35.8	29.0	43.4

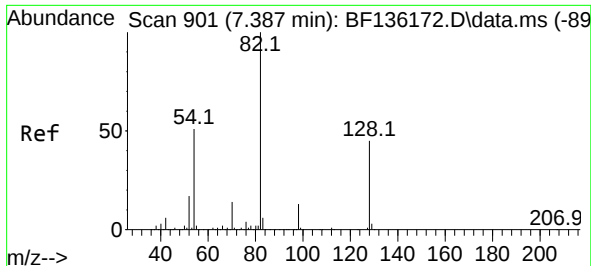


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136212.D
Acq: 25 Nov 2023 09:17

Tgt Ion: 136 Resp: 555588

Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.6	13.0
54	7.9	6.3	9.5
68	4.6	3.8	5.8





#23

Nitrobenzene-d5

Concen: 90.332 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF136212.D

Acq: 25 Nov 2023 09:17

Instrument :

BNA_F

ClientSampleId :

MH-2

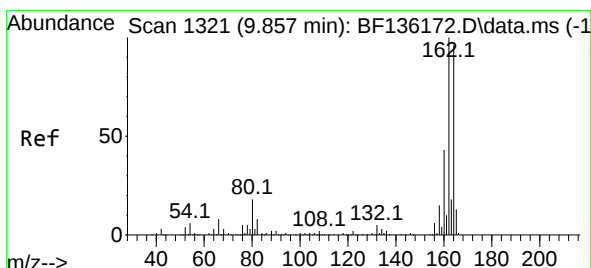
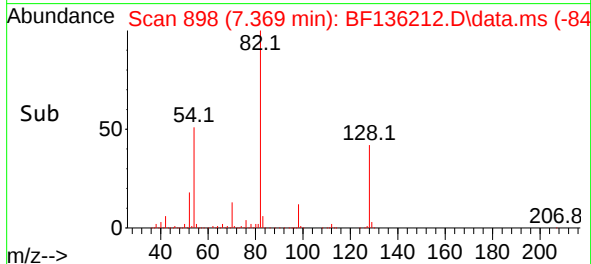
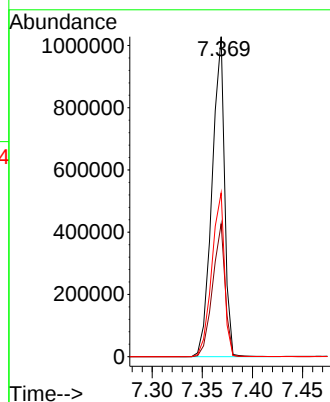
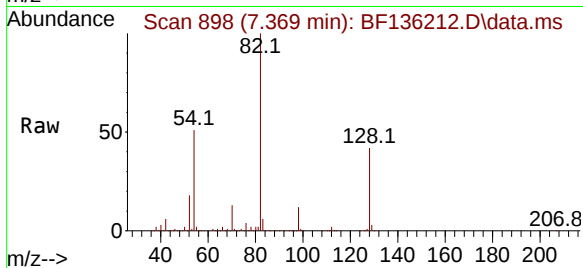
Tgt Ion: 82 Resp: 899366

Ion Ratio Lower Upper

82 100

128 41.6 35.8 53.6

54 51.2 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: BF136212.D

Acq: 25 Nov 2023 09:17

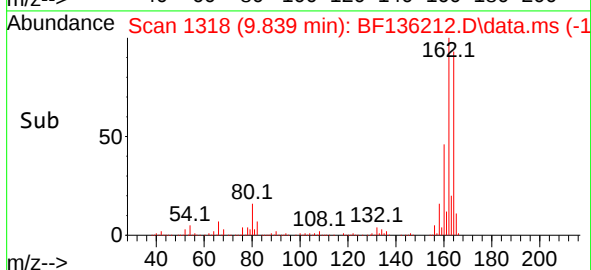
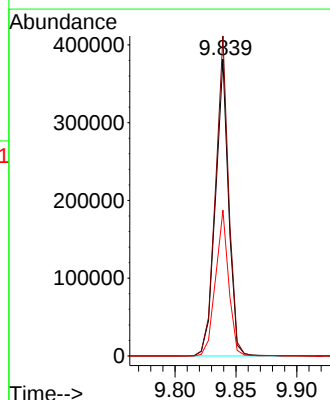
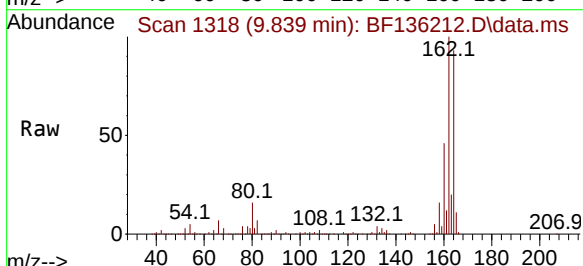
Tgt Ion: 164 Resp: 287894

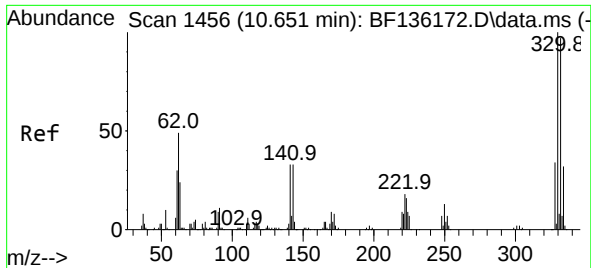
Ion Ratio Lower Upper

164 100

162 107.8 83.2 124.8

160 49.1 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 128.930 ng

RT: 10.633 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF136212.D

Acq: 25 Nov 2023 09:17

Instrument :

BNA_F

ClientSampleId :

MH-2

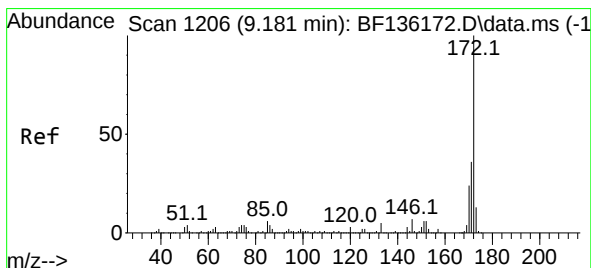
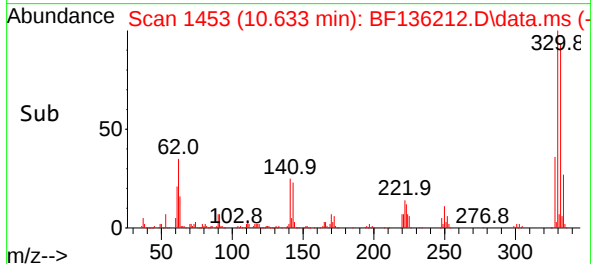
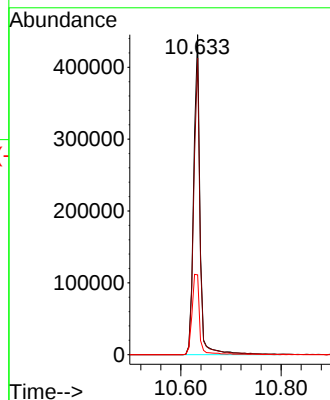
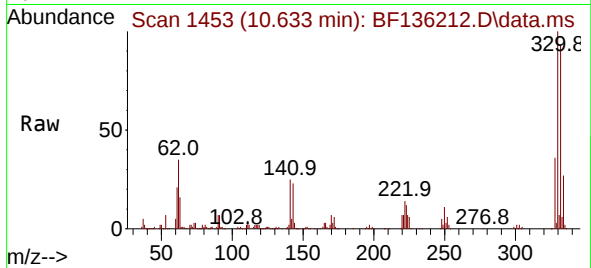
Tgt Ion:330 Resp: 388755

Ion Ratio Lower Upper

330 100

332 92.4 77.6 116.4

141 30.2 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 94.925 ng

RT: 9.163 min Scan# 1203

Delta R.T. -0.006 min

Lab File: BF136212.D

Acq: 25 Nov 2023 09:17

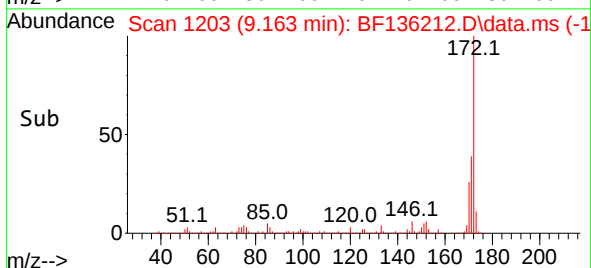
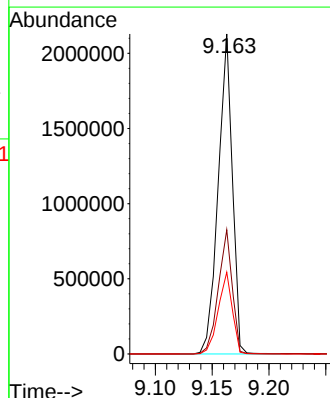
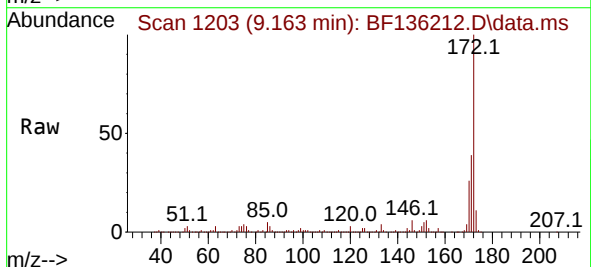
Tgt Ion:172 Resp: 1848754

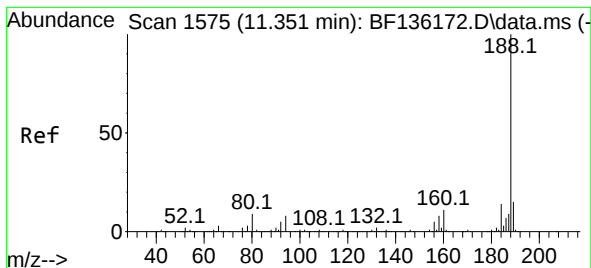
Ion Ratio Lower Upper

172 100

171 38.8 28.9 43.3

170 25.6 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.327 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF136212.D

Acq: 25 Nov 2023 09:17

Instrument :

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ClientSampleId :

MH-2

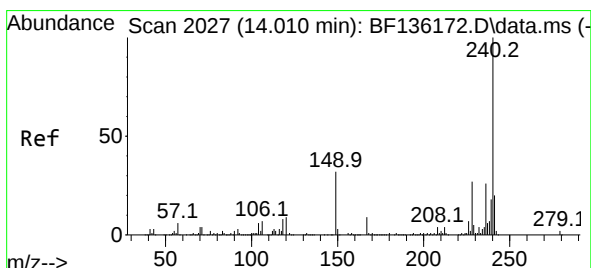
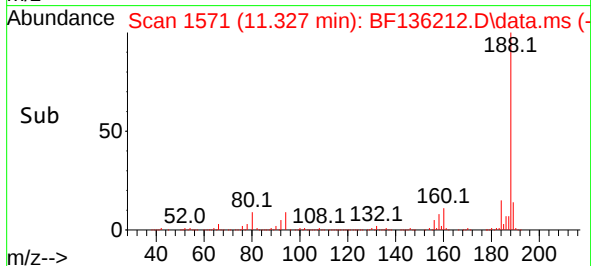
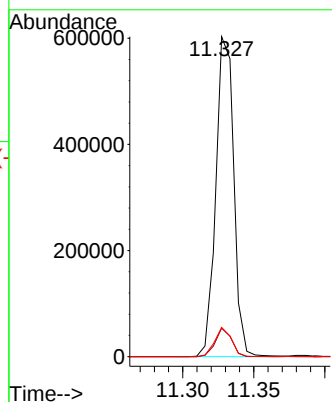
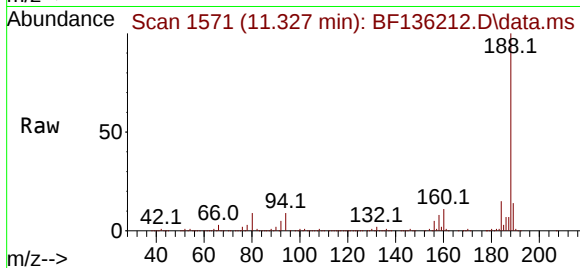
Tgt Ion:188 Resp: 529806

Ion Ratio Lower Upper

188 100

94 8.9 6.6 9.8

80 9.1 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: BF136212.D

Acq: 25 Nov 2023 09:17

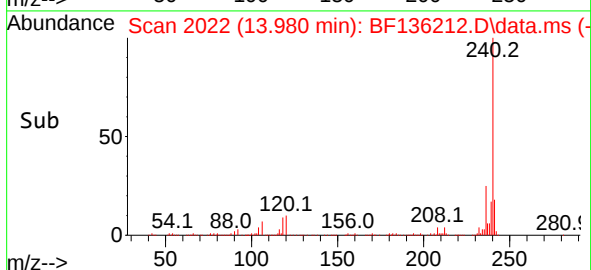
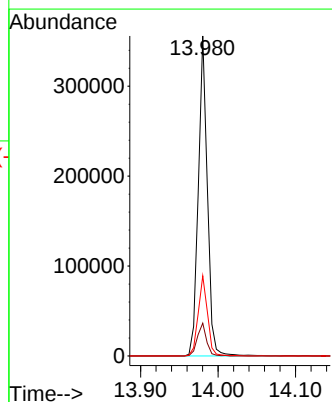
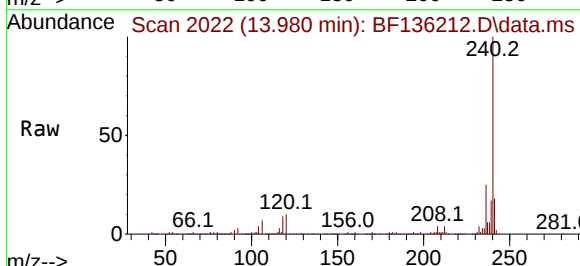
Tgt Ion:240 Resp: 289019

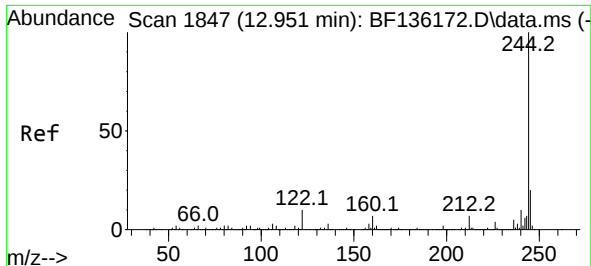
Ion Ratio Lower Upper

240 100

120 10.2 7.1 10.7

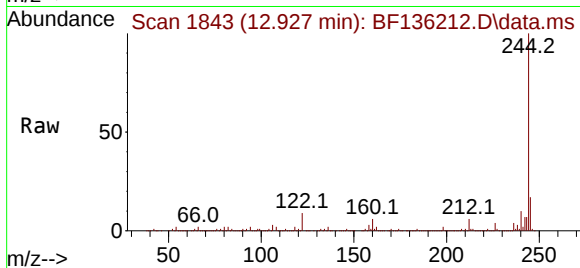
236 25.1 20.9 31.3



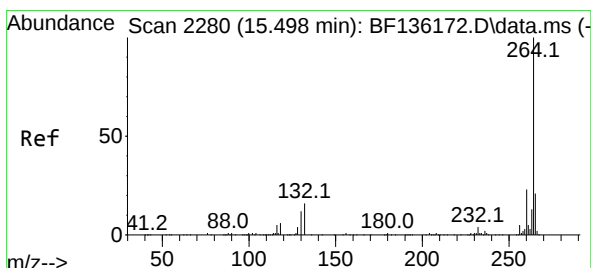
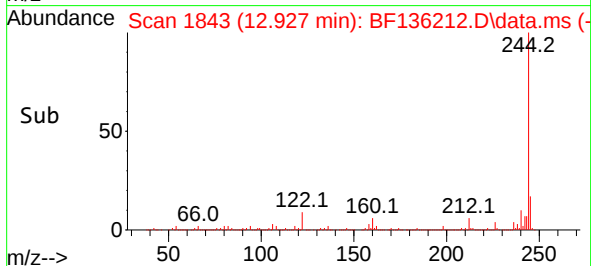
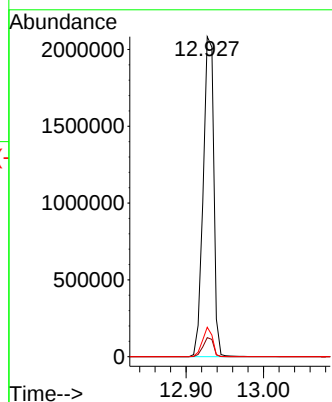


#79
 Terphenyl-d14
 Concen: 97.080 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136212.D
 Acq: 25 Nov 2023 09:17

Instrument :
 BNA_F
 ClientSampleId :
 MH-2



Tgt Ion:244 Resp: 1976639
 Ion Ratio Lower Upper
 244 100
 212 5.9 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: BF136212.D
 Acq: 25 Nov 2023 09:17

Tgt Ion:264 Resp: 270595
 Ion Ratio Lower Upper
 264 100
 260 24.2 18.5 27.7
 265 19.7 16.9 25.3

