

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110123\
 Data File : BF136084.D
 Acq On : 01 Nov 2023 19:01
 Operator : CG\JU
 Sample : 05137-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FAIR-LAWN-CONC

Quant Time: Nov 01 22:42:21 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 01:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	147514	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	564298	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	277242	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	427607	20.000	ng	0.00
76) Chrysene-d12	14.010	240	309004	20.000	ng	0.00
86) Perylene-d12	15.504	264	283337	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	506077	53.910	ng	0.00
7) Phenol-d6	6.451	99	725898	62.063	ng	0.00
23) Nitrobenzene-d5	7.381	82	448730	47.937	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	116840	39.483	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	876336	50.388	ng	0.00
79) Terphenyl-d14	12.951	244	788920	39.676	ng	0.00

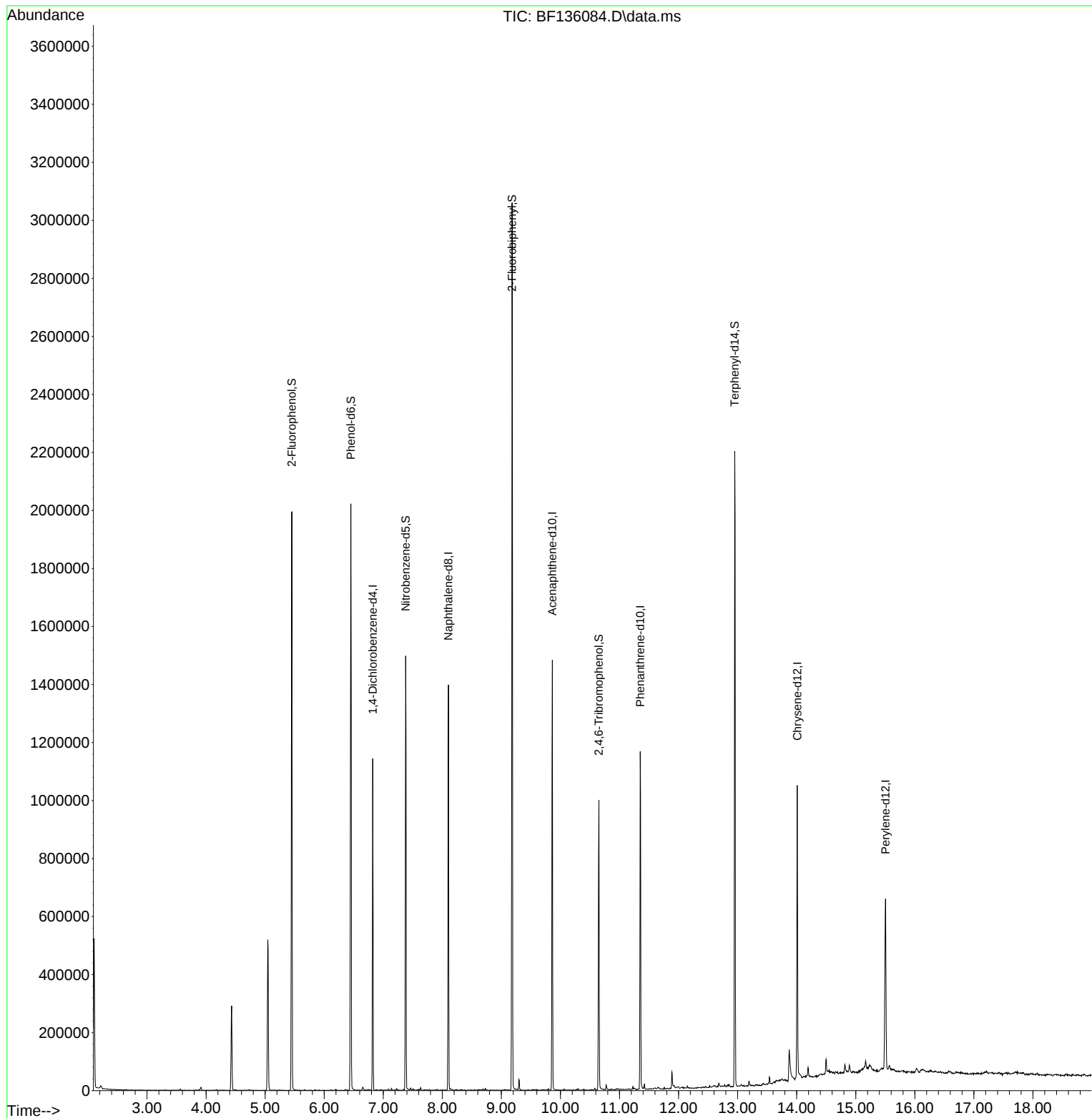
Target Compounds	Qvalue

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

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
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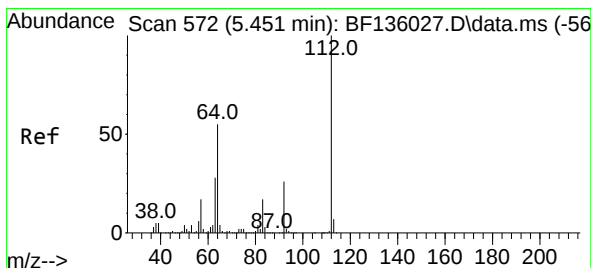
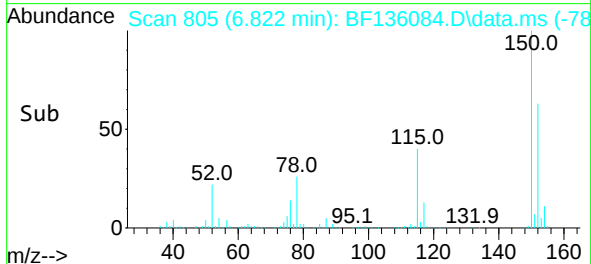
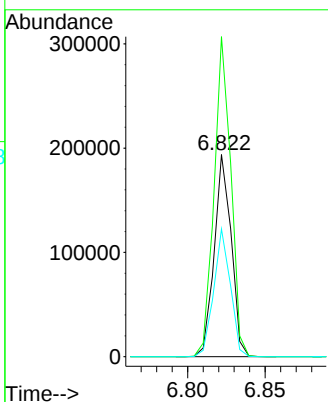
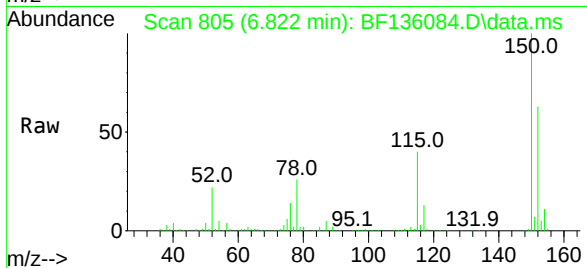




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF136084.D
Acq: 01 Nov 2023 19:01

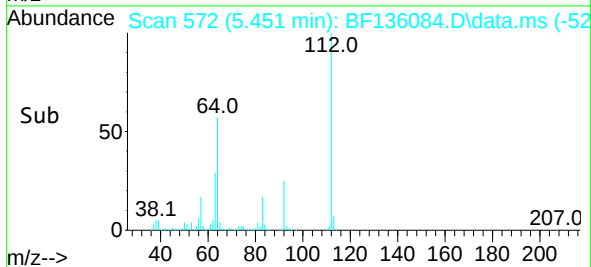
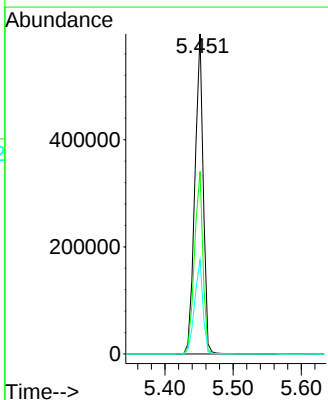
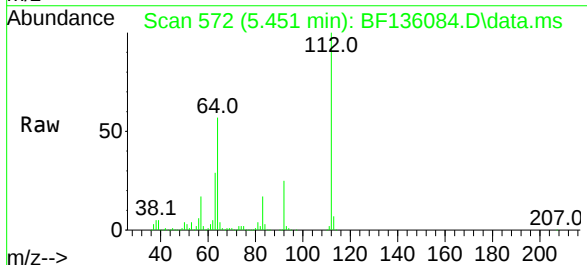
Instrument :
BNA_F
ClientSampleId :
FAIR-LAWN-CONC

Tgt Ion:152 Resp: 147514
Ion Ratio Lower Upper
152 100
150 158.4 126.4 189.6
115 63.2 47.0 70.4



#5
2-Fluorophenol
Concen: 53.910 ng
RT: 5.451 min Scan# 572
Delta R.T. 0.000 min
Lab File: BF136084.D
Acq: 01 Nov 2023 19:01

Tgt Ion:112 Resp: 506077
Ion Ratio Lower Upper
112 100
64 57.0 43.9 65.9
63 29.4 22.4 33.6

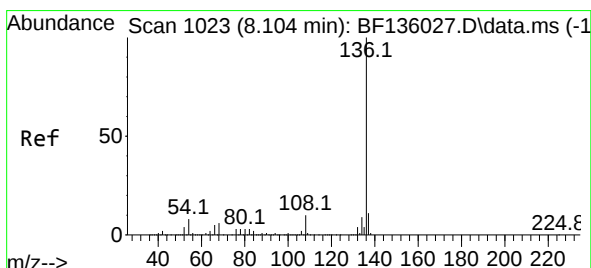
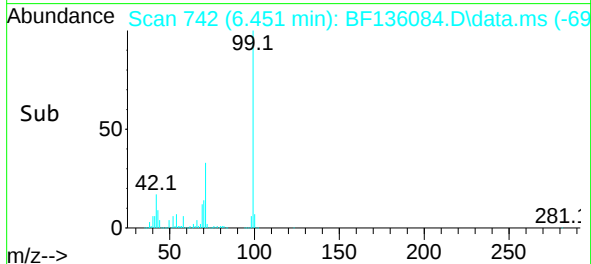
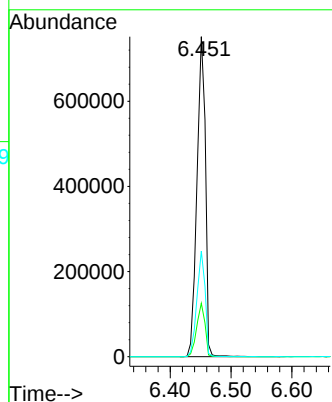
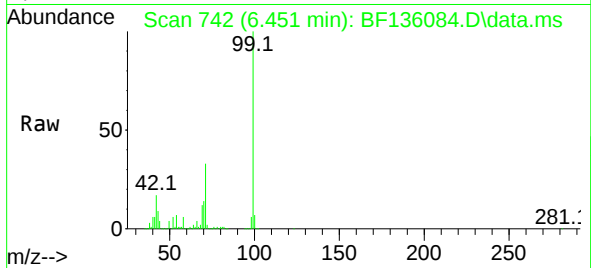




#7
Phenol-d6
Concen: 62.063 ng
RT: 6.451 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136084.D
Acq: 01 Nov 2023 19:01

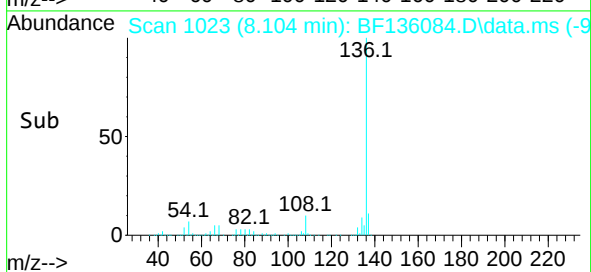
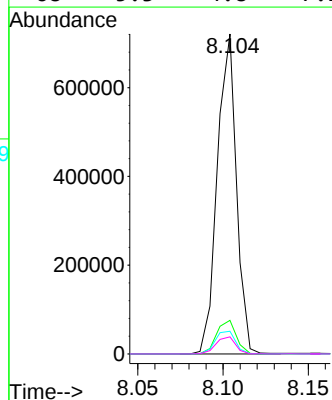
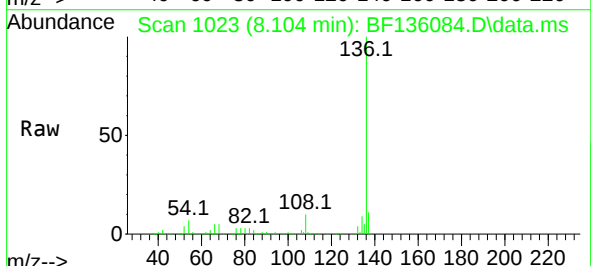
Instrument :
BNA_F
ClientSampleId :
FAIR-LAWN-CONC

Tgt Ion: 99 Resp: 725898
Ion Ratio Lower Upper
99 100
42 16.7 13.7 20.5
71 33.0 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136084.D
Acq: 01 Nov 2023 19:01

Tgt Ion: 136 Resp: 564298
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.1 6.6 9.8
68 5.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 47.937 ng

RT: 7.381 min Scan# 902

Delta R.T. -0.012 min

Lab File: BF136084.D

Acq: 01 Nov 2023 19:01

Instrument :

BNA_F

ClientSampleId :

FAIR-LAWN-CONC

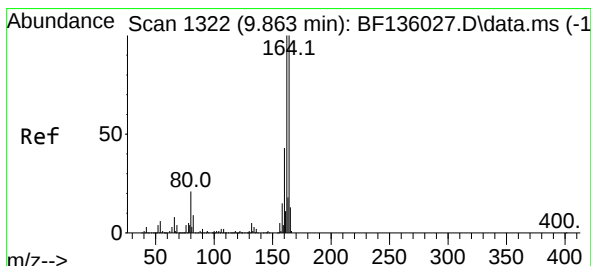
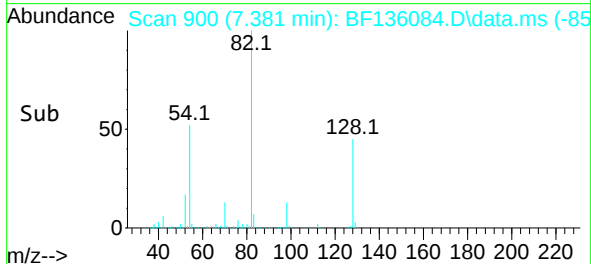
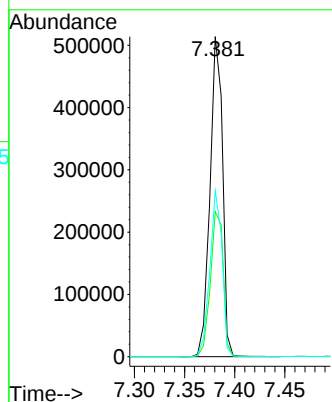
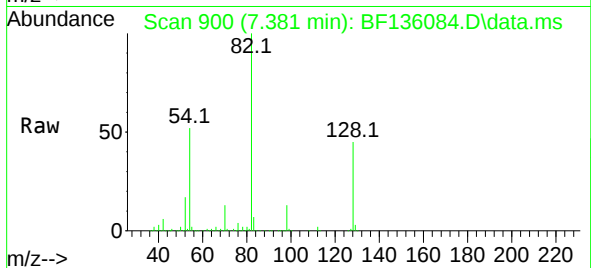
Tgt Ion: 82 Resp: 448730

Ion Ratio Lower Upper

82 100

128 45.4 38.6 57.8

54 51.9 40.8 61.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF136084.D

Acq: 01 Nov 2023 19:01

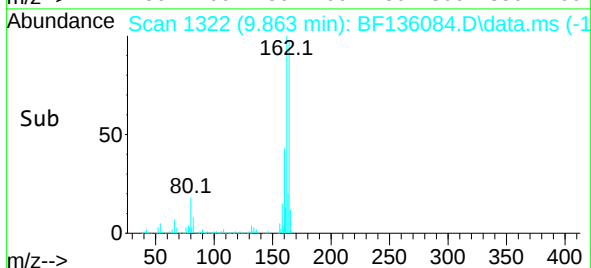
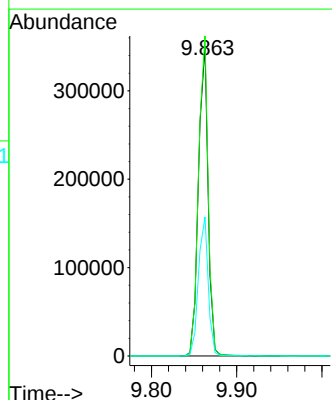
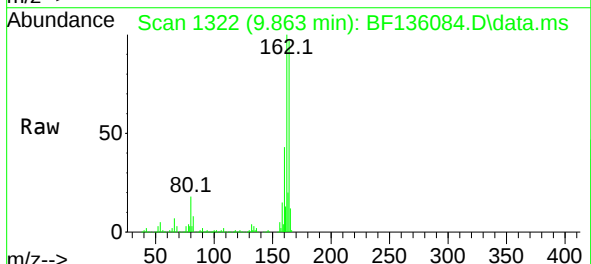
Tgt Ion:164 Resp: 277242

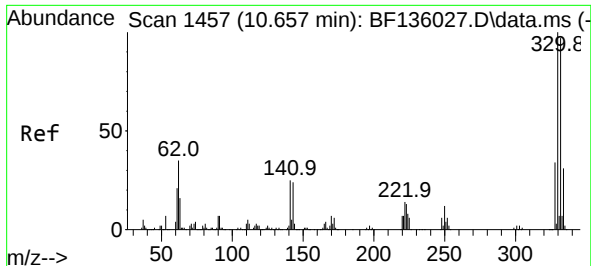
Ion Ratio Lower Upper

164 100

162 103.4 80.1 120.1

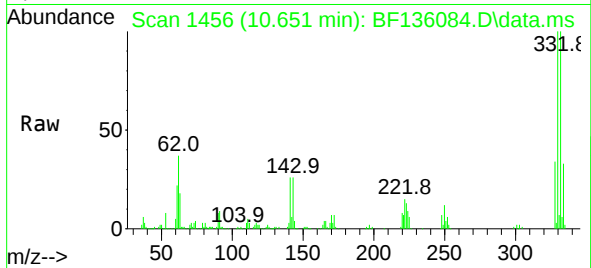
160 44.9 34.8 52.2



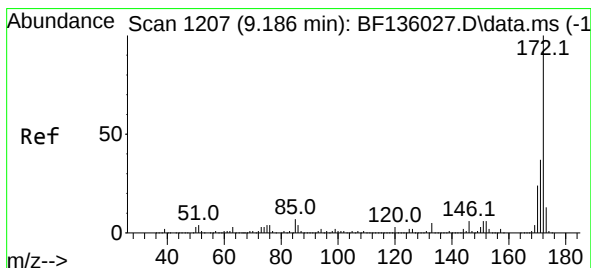
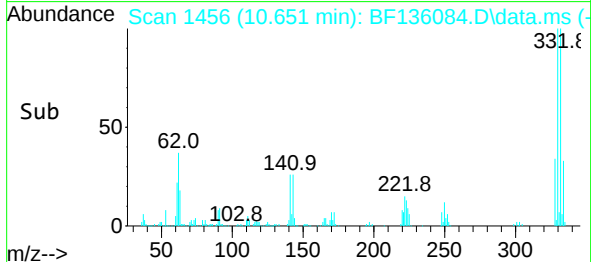
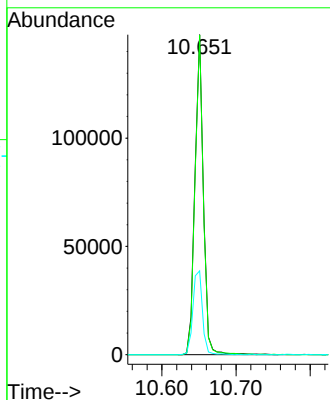


#42
 2,4,6-Tribromophenol
 Concen: 39.483 ng
 RT: 10.651 min Scan# 1457
 Delta R.T. -0.006 min
 Lab File: BF136084.D
 Acq: 01 Nov 2023 19:01

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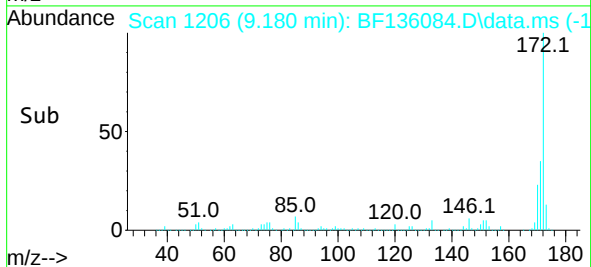
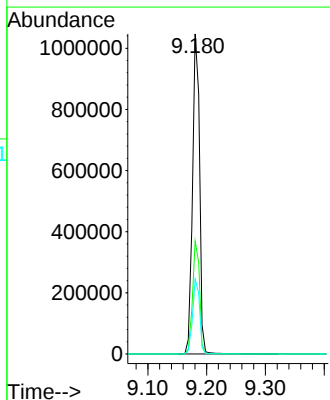
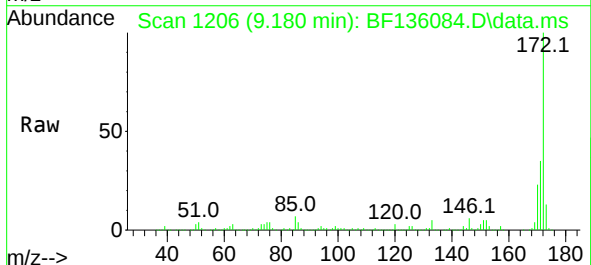


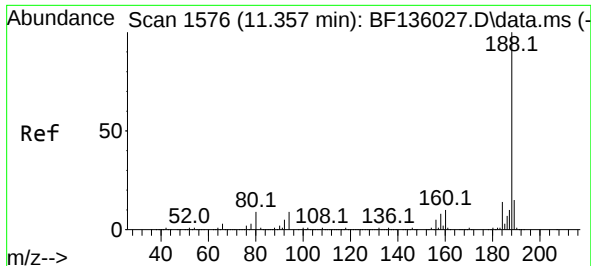
Tgt Ion:330 Resp: 116840
 Ion Ratio Lower Upper
 330 100
 332 98.0 76.9 115.3
 141 29.9 23.2 34.8



#45
 2-Fluorobiphenyl
 Concen: 50.388 ng
 RT: 9.180 min Scan# 1206
 Delta R.T. -0.006 min
 Lab File: BF136084.D
 Acq: 01 Nov 2023 19:01

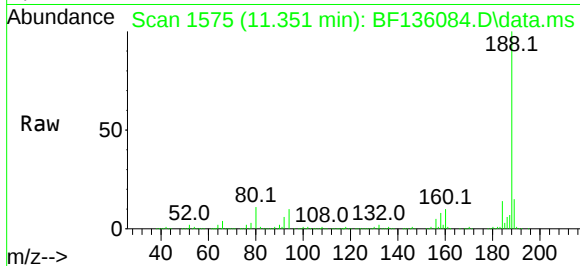
Tgt Ion:172 Resp: 876336
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.0
 170 23.3 19.3 28.9



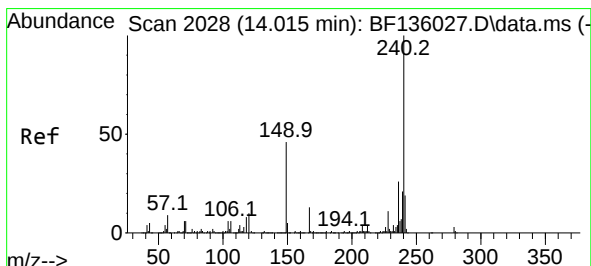
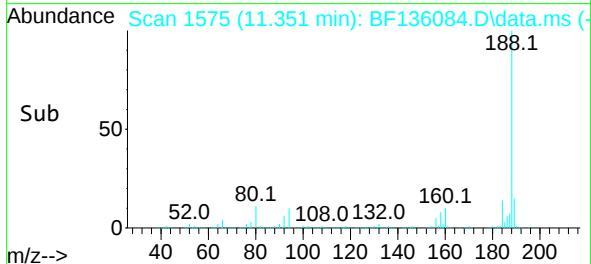
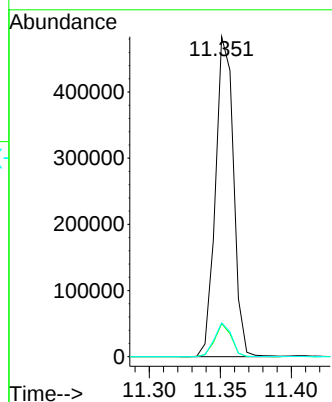


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136084.D
Acq: 01 Nov 2023 19:01

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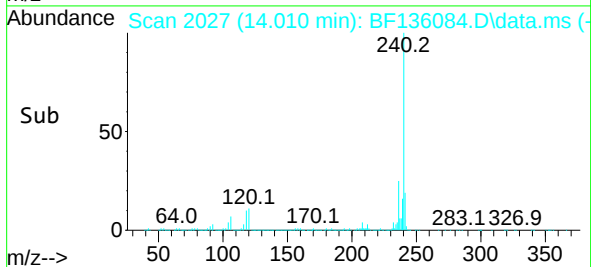
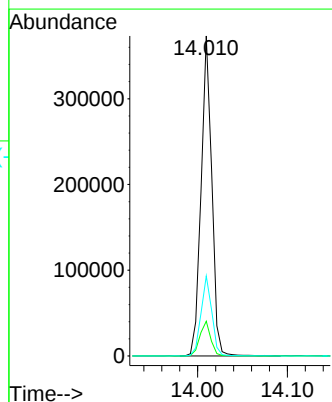
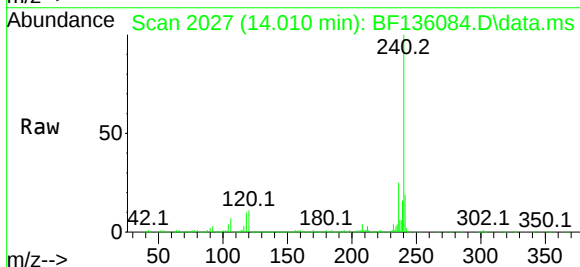


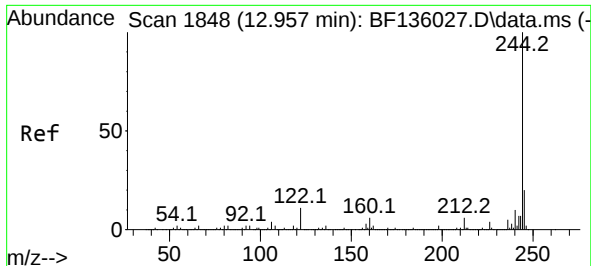
Tgt Ion:188 Resp: 427607
Ion Ratio Lower Upper
188 100
94 10.4 7.2 10.8
80 10.6 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF136084.D
Acq: 01 Nov 2023 19:01

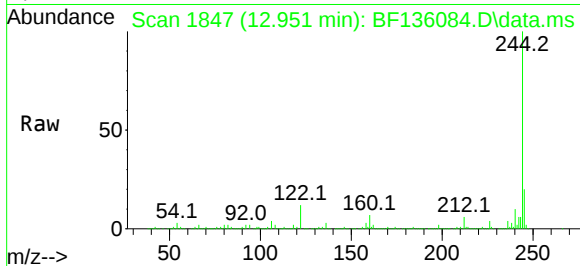
Tgt Ion:240 Resp: 309004
Ion Ratio Lower Upper
240 100
120 10.8 7.6 11.4
236 25.0 20.6 31.0



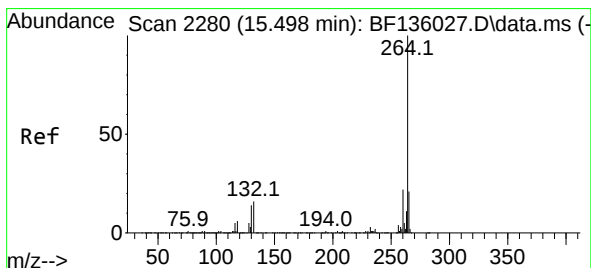
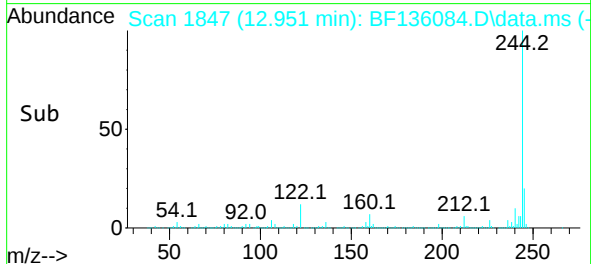
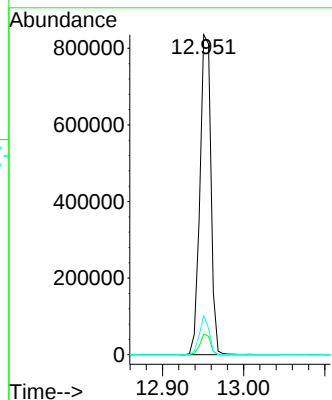


#79
 Terphenyl-d14
 Concen: 39.676 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136084.D
 Acq: 01 Nov 2023 19:01

Instrument :
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Tgt Ion:244 Resp: 788920
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 12.1 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2281
 Delta R.T. 0.006 min
 Lab File: BF136084.D
 Acq: 01 Nov 2023 19:01

Tgt Ion:264 Resp: 283337
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.9 26.9
 265 21.4 16.8 25.2

