

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
 Data File : BF136100.D
 Acq On : 02 Nov 2023 17:29
 Operator : CG\JU
 Sample : 05040-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB-2

Quant Time: Nov 02 17:47:17 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	6.816	152	121139	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	480081	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	236169	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	370570	20.000	ng	0.00
76) Chrysene-d12	14.004	240	234160	20.000	ng	-0.01
86) Perylene-d12	15.492	264	225643	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	379623	49.244	ng	-0.01
7) Phenol-d6	6.439	99	291771	30.377	ng	-0.02
23) Nitrobenzene-d5	7.381	82	766399	96.235	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	284636	112.914	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1285716	86.784	ng	0.00
79) Terphenyl-d14	12.951	244	990140	65.712	ng	0.00

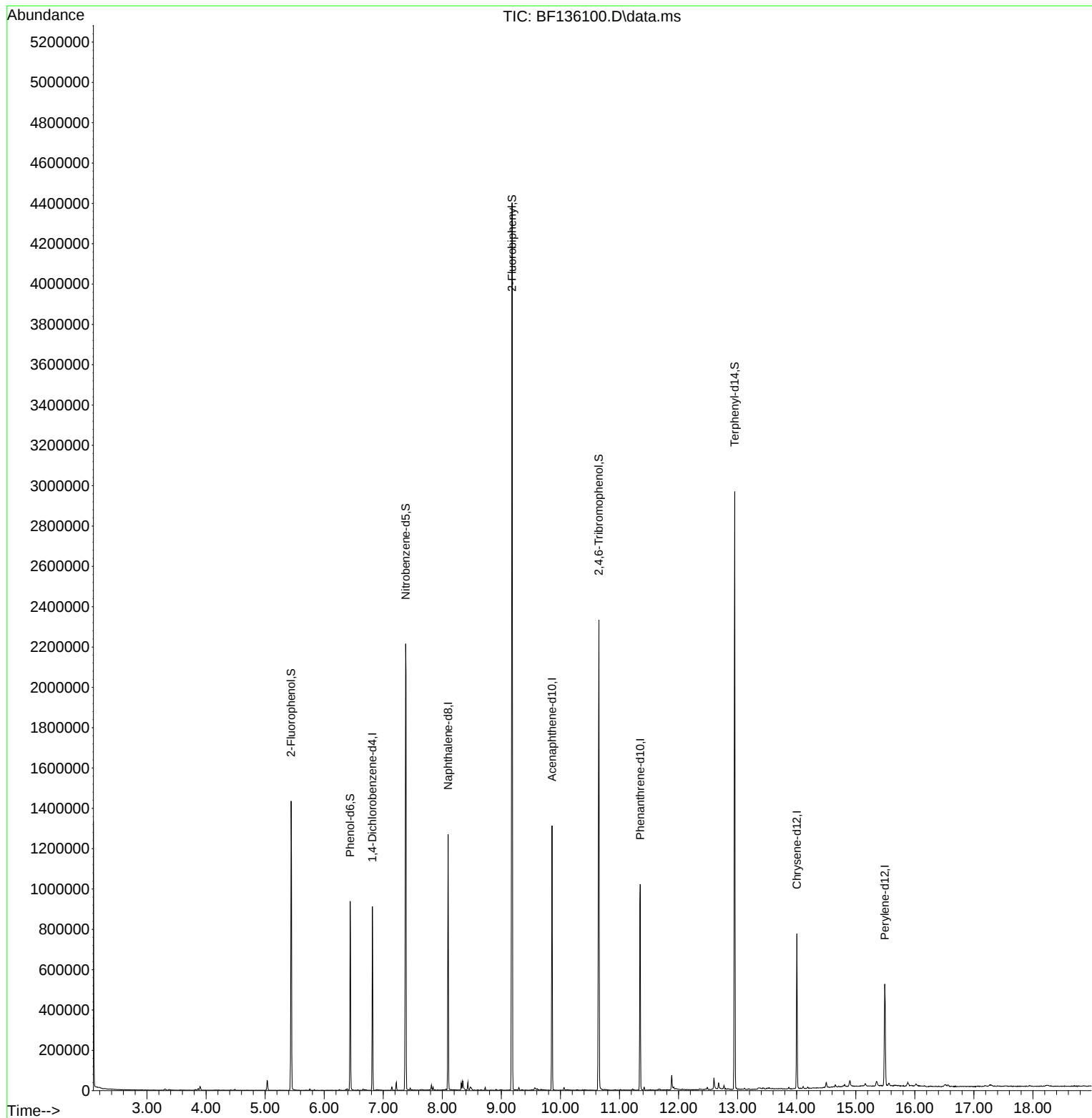
Target Compounds	Qvalue

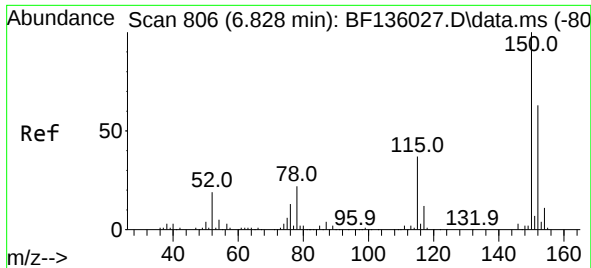
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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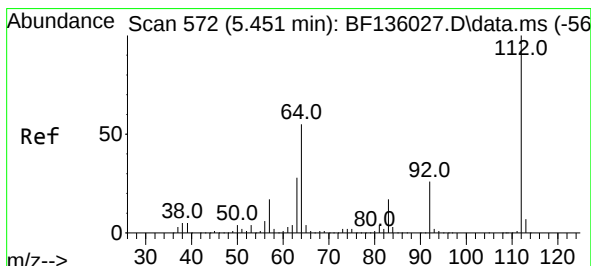
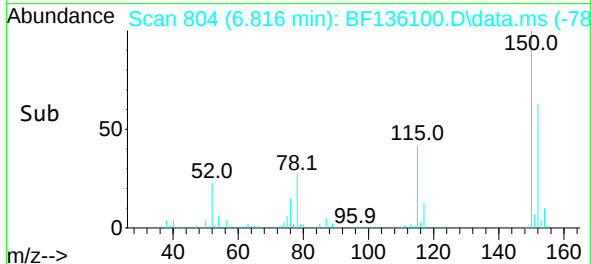
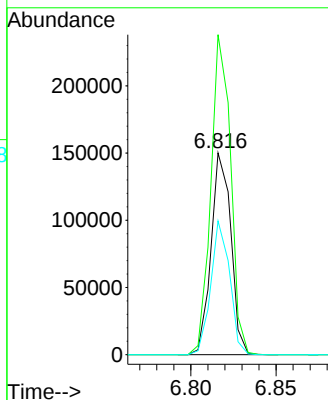
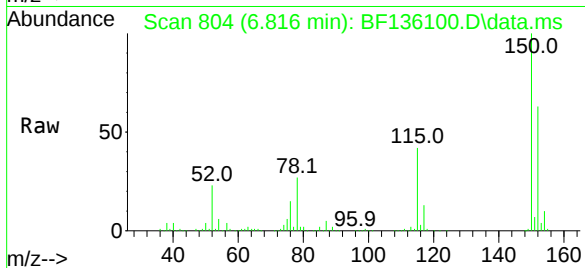




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.012 min
Lab File: BF136100.D
Acq: 02 Nov 2023 17:29

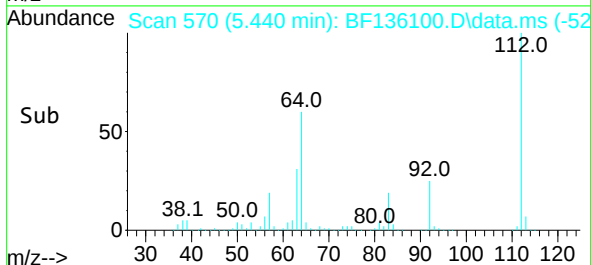
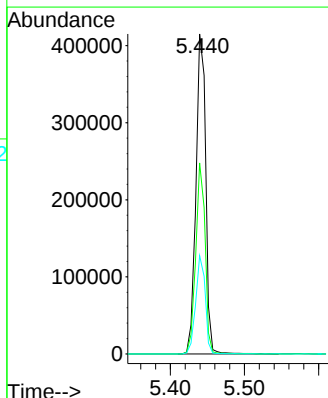
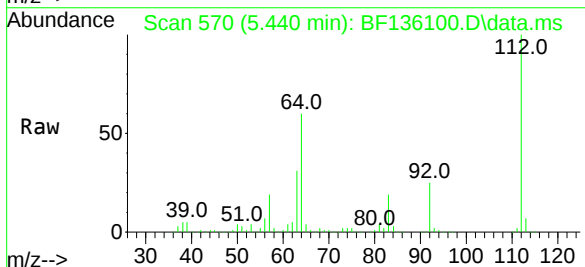
Instrument :
BNA_F
ClientSampleId :
EB-2

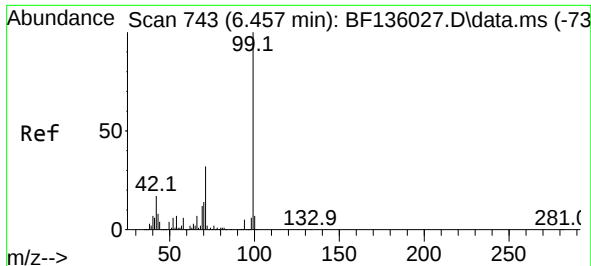
Tgt Ion:152 Resp: 121139
Ion Ratio Lower Upper
152 100
150 158.6 126.4 189.6
115 66.3 47.0 70.4



#5
2-Fluorophenol
Concen: 49.244 ng
RT: 5.440 min Scan# 570
Delta R.T. -0.012 min
Lab File: BF136100.D
Acq: 02 Nov 2023 17:29

Tgt Ion:112 Resp: 379623
Ion Ratio Lower Upper
112 100
64 59.7 43.9 65.9
63 30.7 22.4 33.6

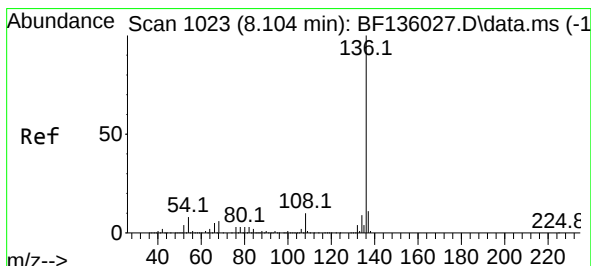
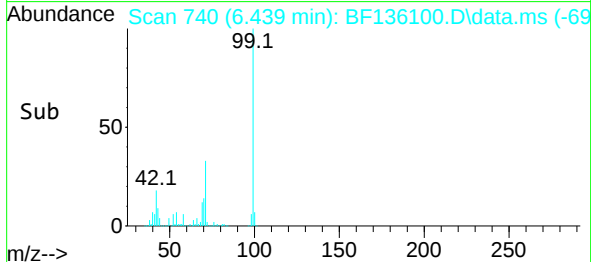
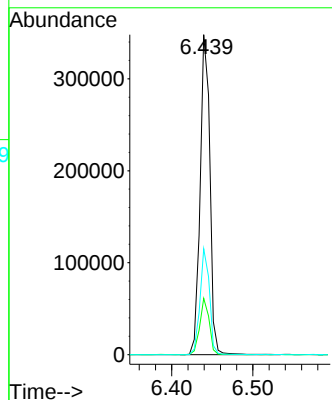
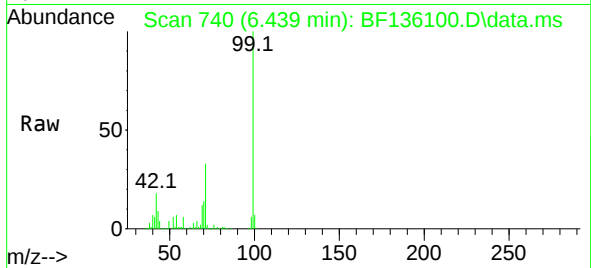




#7
Phenol-d6
Concen: 30.377 ng
RT: 6.439 min Scan# 743
Delta R.T. -0.018 min
Lab File: BF136100.D
Acq: 02 Nov 2023 17:29

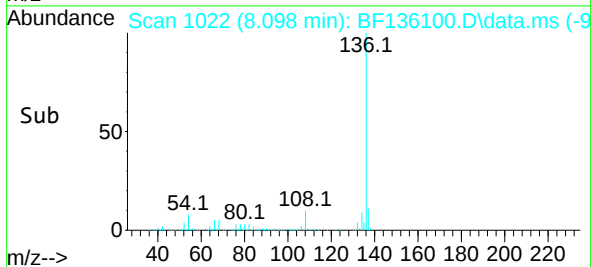
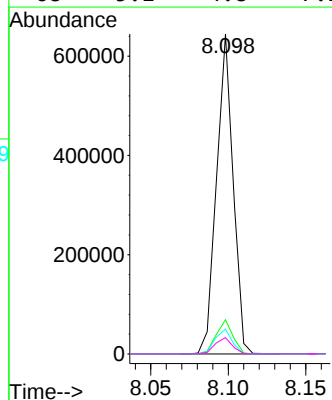
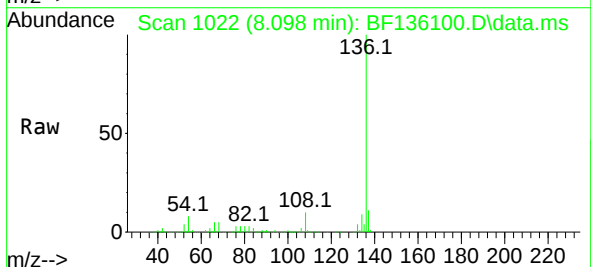
Instrument :
BNA_F
ClientSampleId :
EB-2

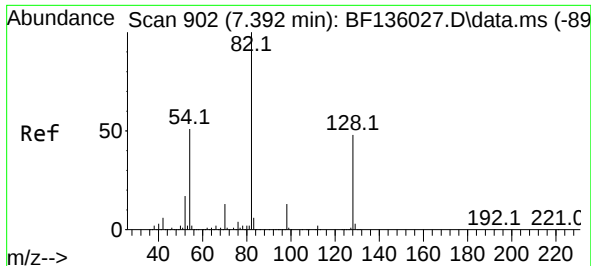
Tgt Ion: 99 Resp: 291771
Ion Ratio Lower Upper
99 100
42 17.6 13.7 20.5
71 33.1 25.9 38.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF136100.D
Acq: 02 Nov 2023 17:29

Tgt Ion: 136 Resp: 480081
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.8 6.6 9.8
68 5.1 4.8 7.2

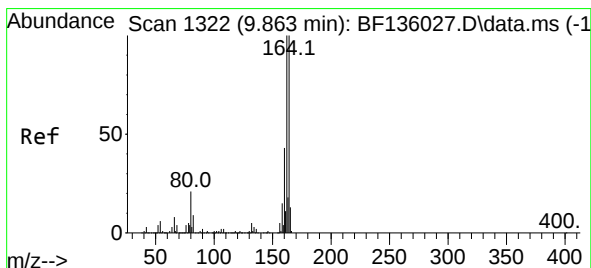
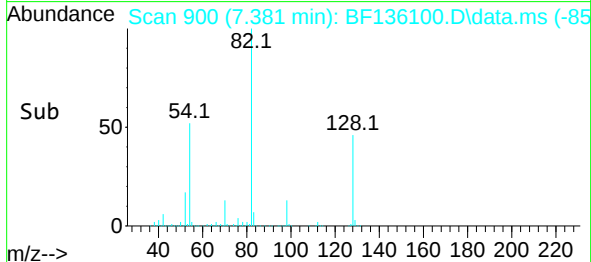
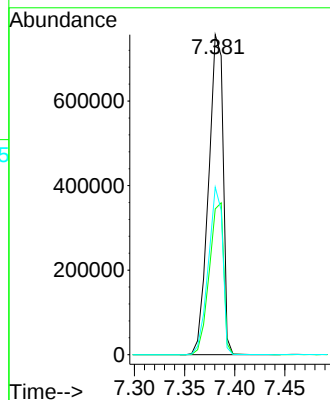
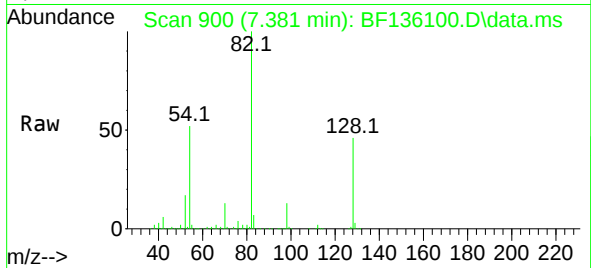




#23
Nitrobenzene-d5
Concen: 96.235 ng
RT: 7.381 min Scan# 902
Delta R.T. -0.012 min
Lab File: BF136100.D
Acq: 02 Nov 2023 17:29

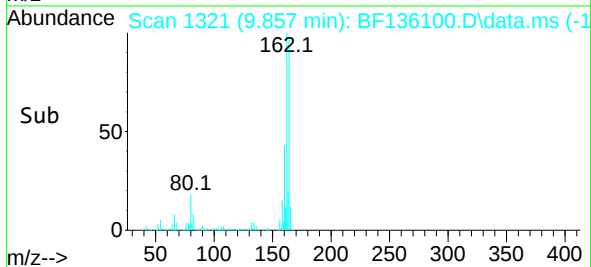
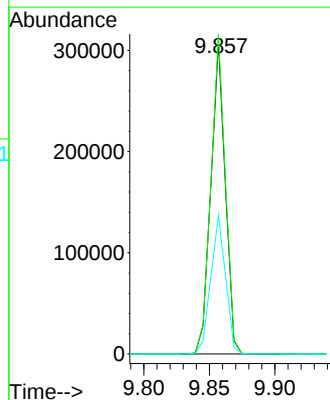
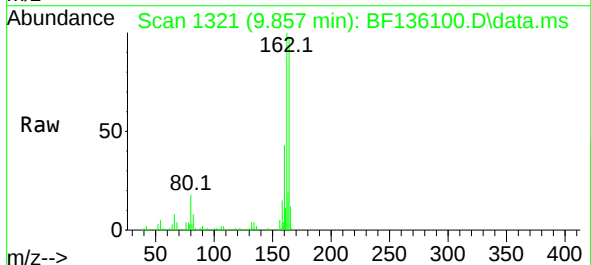
Instrument :
BNA_F
ClientSampleId :
EB-2

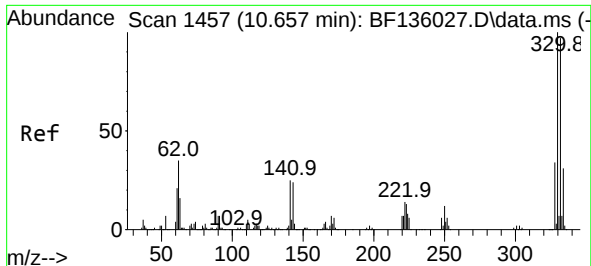
Tgt Ion: 82 Resp: 766399
Ion Ratio Lower Upper
82 100
128 45.5 38.6 57.8
54 52.3 40.8 61.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF136100.D
Acq: 02 Nov 2023 17:29

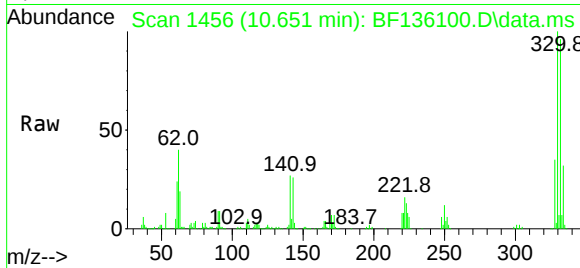
Tgt Ion:164 Resp: 236169
Ion Ratio Lower Upper
164 100
162 102.5 80.1 120.1
160 44.5 34.8 52.2



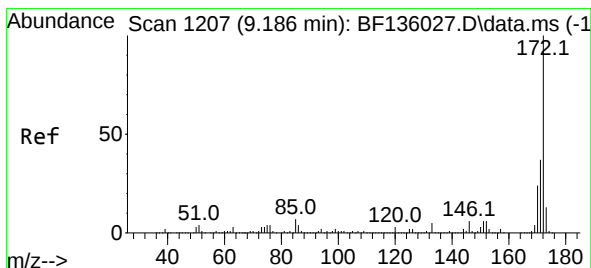
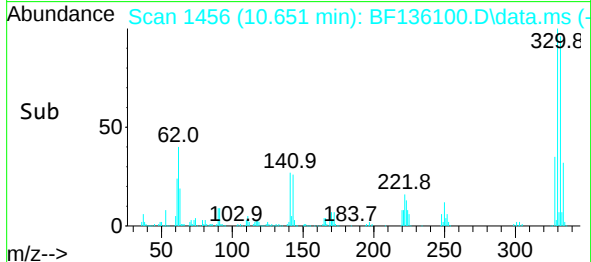
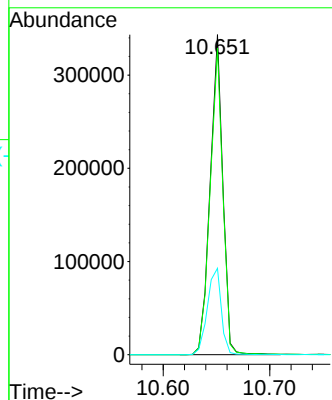


#42
 2,4,6-Tribromophenol
 Concen: 112.914 ng
 RT: 10.651 min Scan# 1456
 Delta R.T. -0.006 min
 Lab File: BF136100.D
 Acq: 02 Nov 2023 17:29

Instrument :
 BNA_F
 ClientSampleId :
 EB-2

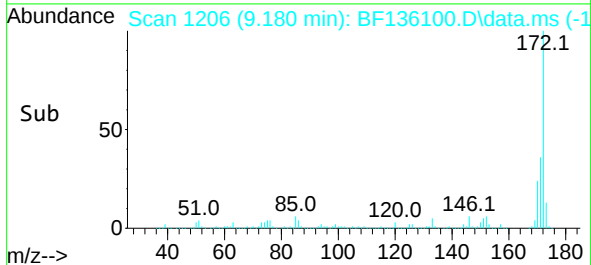
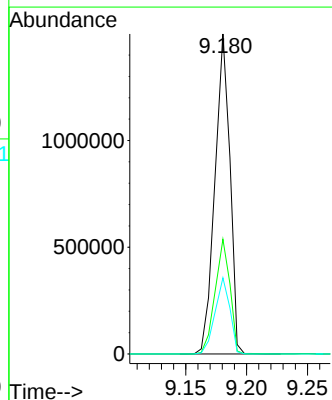
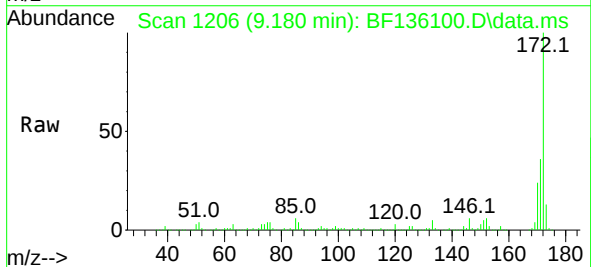


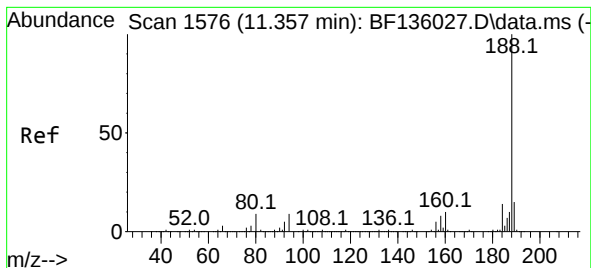
Tgt Ion:330 Resp: 284636
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.9 115.3
 141 29.7 23.2 34.8



#45
 2-Fluorobiphenyl
 Concen: 86.784 ng
 RT: 9.180 min Scan# 1206
 Delta R.T. -0.006 min
 Lab File: BF136100.D
 Acq: 02 Nov 2023 17:29

Tgt Ion:172 Resp: 1285716
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 23.8 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: BF136100.D

Acq: 02 Nov 2023 17:29

Instrument :

BNA_F

ClientSampleId :

EB-2

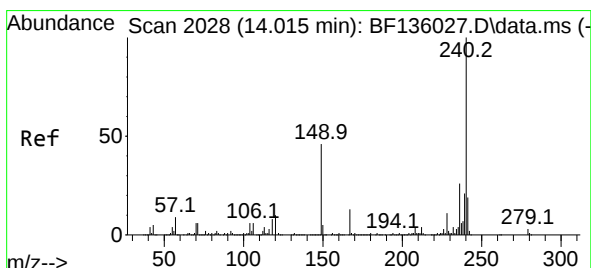
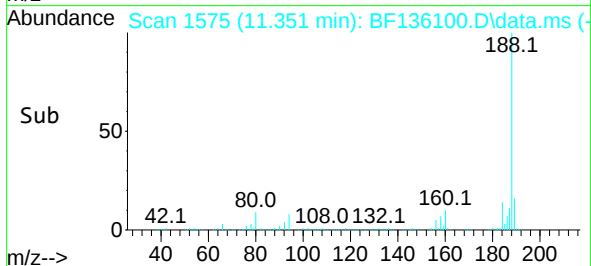
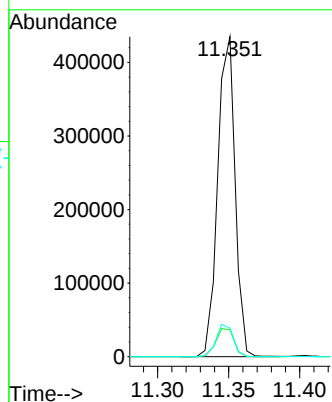
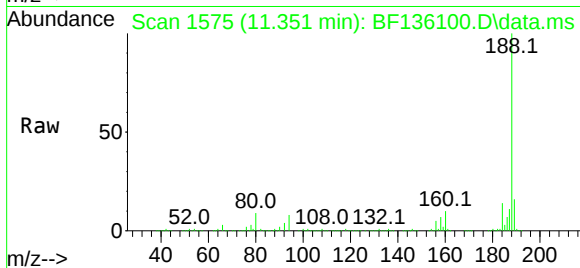
Tgt Ion:188 Resp: 370570

Ion Ratio Lower Upper

188 100

94 8.4 7.2 10.8

80 9.0 7.4 11.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF136100.D

Acq: 02 Nov 2023 17:29

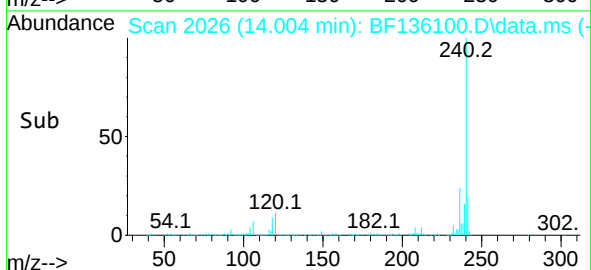
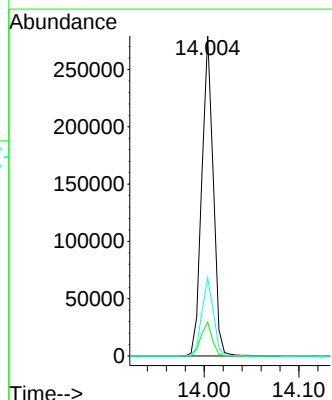
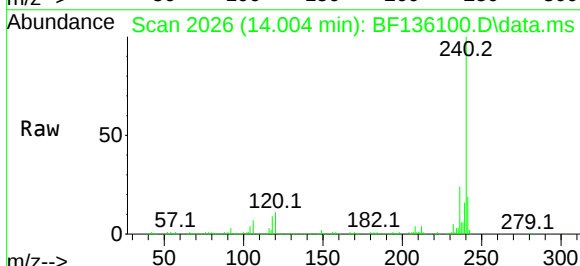
Tgt Ion:240 Resp: 234160

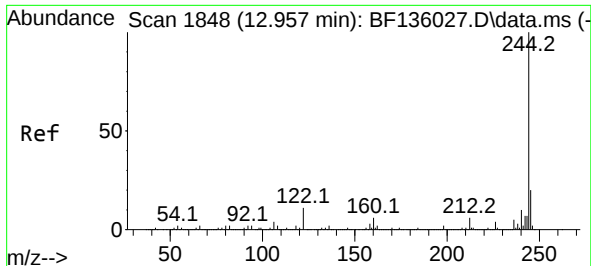
Ion Ratio Lower Upper

240 100

120 10.6 7.6 11.4

236 24.4 20.6 31.0

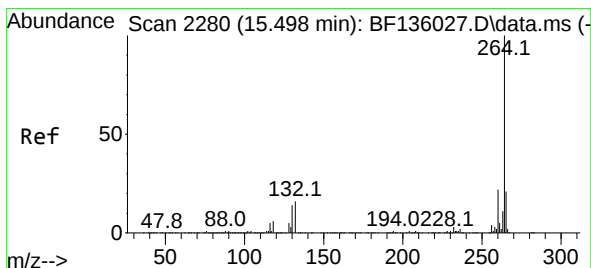
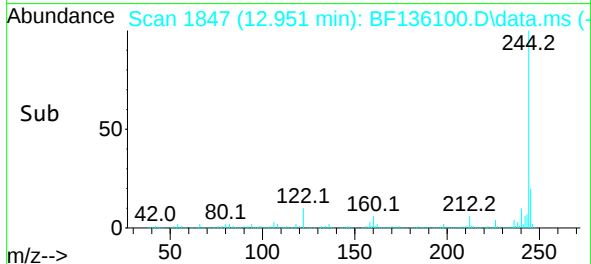
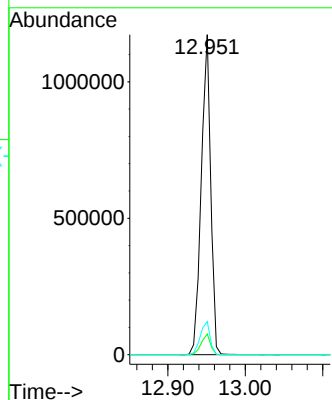
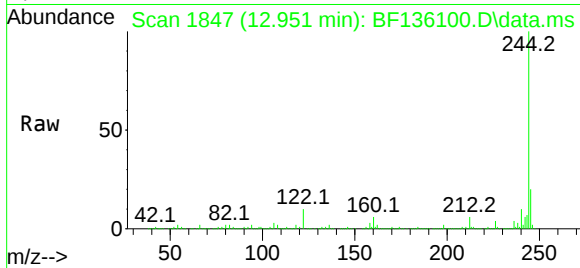




#79
 Terphenyl-d14
 Concen: 65.712 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF136100.D
 Acq: 02 Nov 2023 17:29

Instrument :
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 ClientSampleId :
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Tgt Ion:244 Resp: 990140
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 10.3 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.006 min
 Lab File: BF136100.D
 Acq: 02 Nov 2023 17:29

Tgt Ion:264 Resp: 225643
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.9 26.9
 265 21.9 16.8 25.2

