

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110223\
 Data File : BF136106.D
 Acq On : 02 Nov 2023 20:34
 Operator : CG\JU
 Sample : 05050-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1

Quant Time: Nov 02 23:05:57 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	124008	20.000	ng	-0.01
21) Naphthalene-d8	8.098	136	432199	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	210282	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	335828	20.000	ng	0.00
76) Chrysene-d12	14.004	240	203958	20.000	ng	-0.01
86) Perylene-d12	15.492	264	180122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	636493	80.655	ng	0.00
7) Phenol-d6	6.451	99	793160	80.668	ng	0.00
23) Nitrobenzene-d5	7.381	82	489075	68.215	ng	-0.01
42) 2,4,6-Tribromophenol	10.651	330	182341	81.239	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	868212	65.817	ng	0.00
79) Terphenyl-d14	12.951	244	734674	55.978	ng	0.00

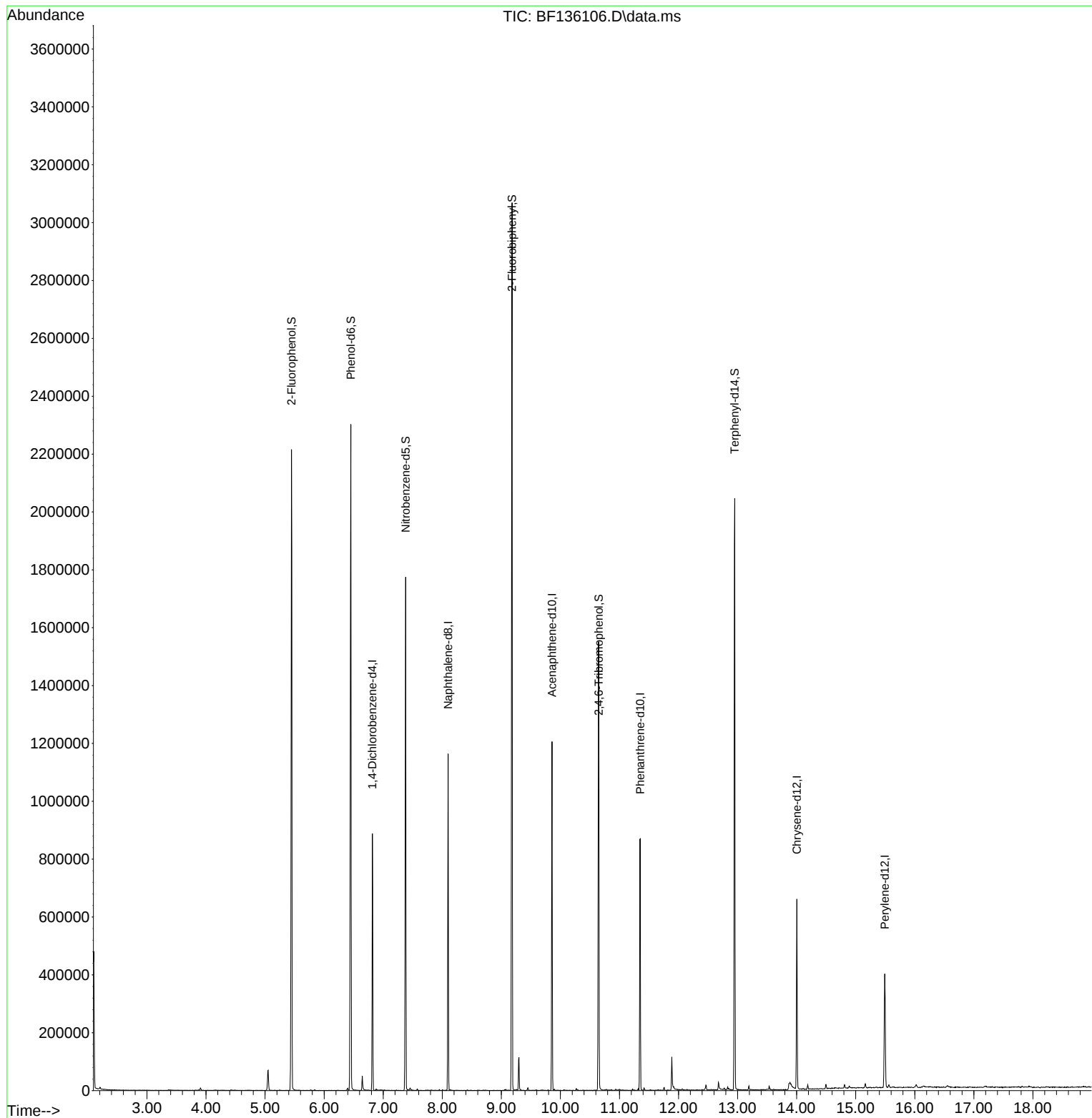
Target Compounds	Qvalue

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

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Quant Time: Nov 02 23:05:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
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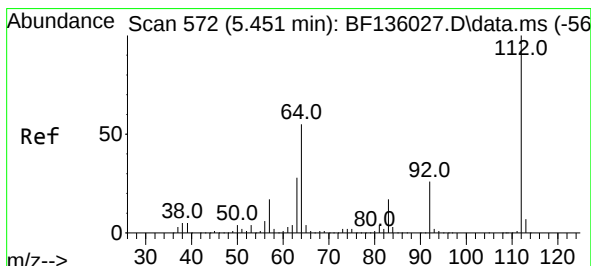
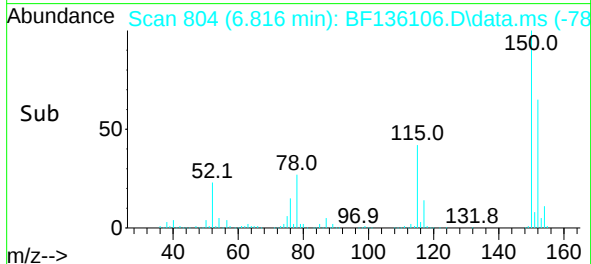
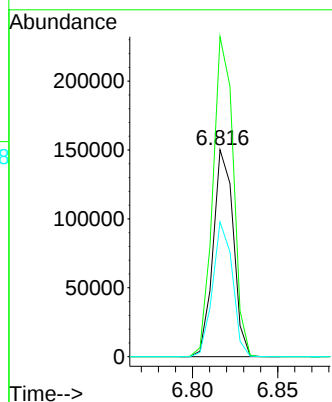
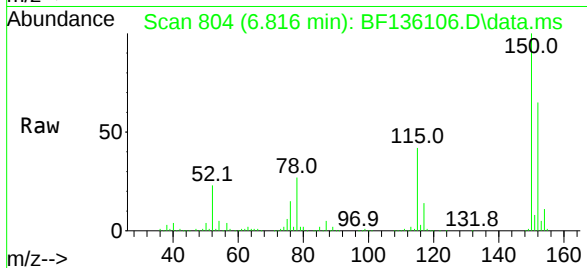




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 806
Delta R.T. -0.012 min
Lab File: BF136106.D
Acq: 02 Nov 2023 20:34

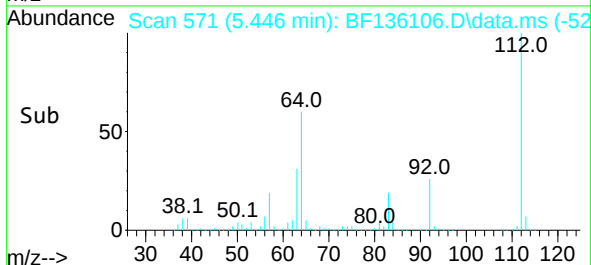
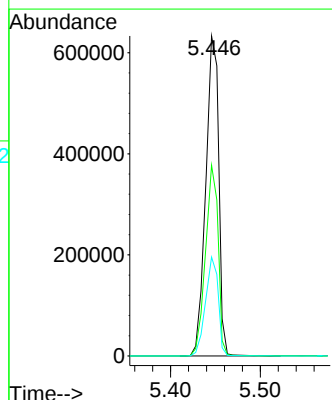
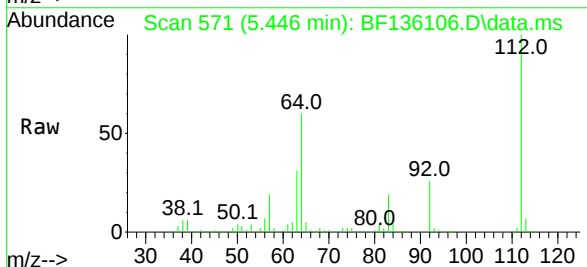
Instrument :
BNA_F
ClientSampleId :
B1

Tgt Ion:152 Resp: 124008
Ion Ratio Lower Upper
152 100
150 154.7 126.4 189.6
115 65.1 47.0 70.4



#5
2-Fluorophenol
Concen: 80.655 ng
RT: 5.446 min Scan# 571
Delta R.T. -0.006 min
Lab File: BF136106.D
Acq: 02 Nov 2023 20:34

Tgt Ion:112 Resp: 636493
Ion Ratio Lower Upper
112 100
64 59.6 43.9 65.9
63 30.9 22.4 33.6





#7

Phenol-d6

Concen: 80.668 ng

RT: 6.451 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF136106.D

Acq: 02 Nov 2023 20:34

Instrument :

BNA_F

ClientSampleId :

B1

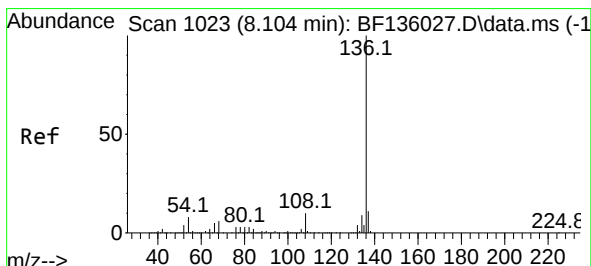
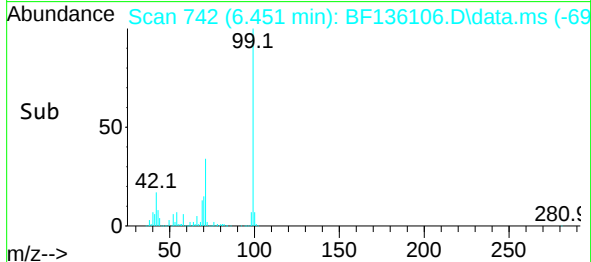
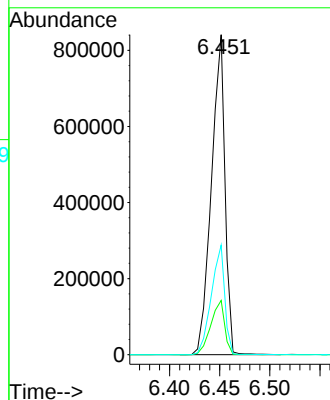
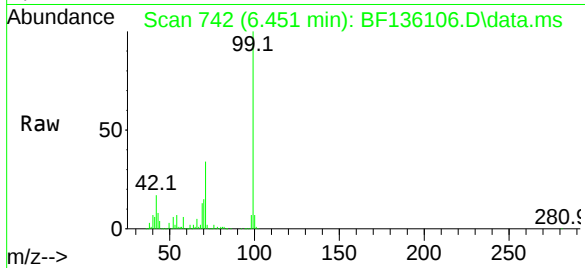
Tgt Ion: 99 Resp: 793160

Ion Ratio Lower Upper

99 100

42 17.0 13.7 20.5

71 34.3 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: BF136106.D

Acq: 02 Nov 2023 20:34

Tgt Ion: 136 Resp: 432199

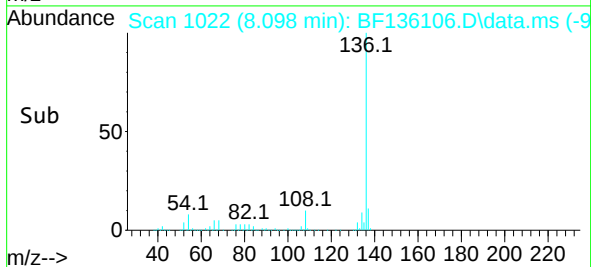
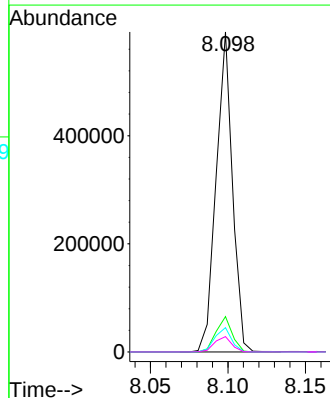
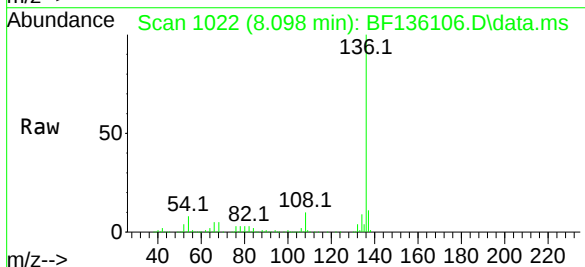
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 7.6 6.6 9.8

68 4.8 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 68.215 ng

RT: 7.381 min Scan# 90

Delta R.T. -0.011 min

Lab File: BF136106.D

Acq: 02 Nov 2023 20:34

Instrument :

BNA_F

ClientSampleId :

B1

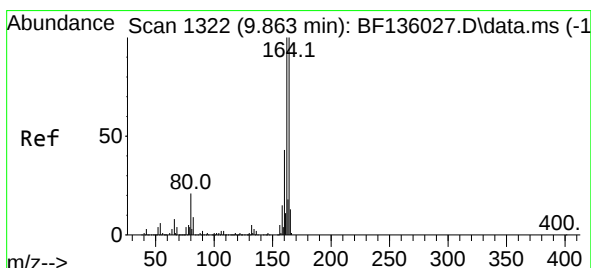
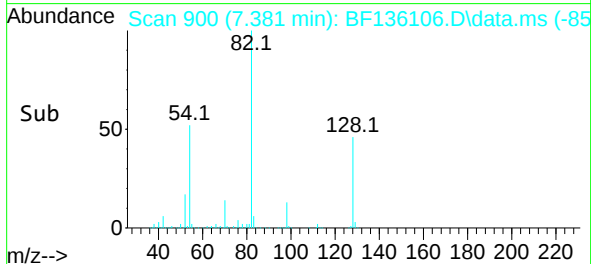
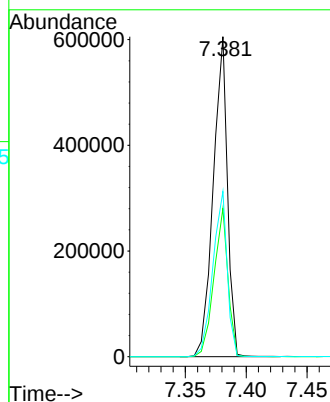
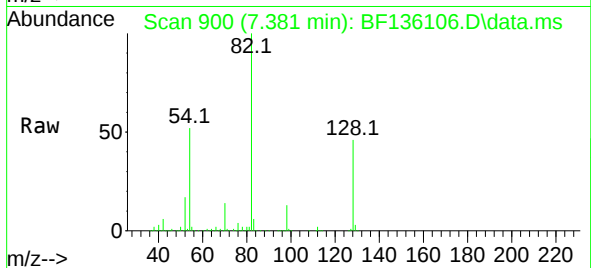
Tgt Ion: 82 Resp: 489075

Ion Ratio Lower Upper

82 100

128 46.4 38.6 57.8

54 51.7 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: BF136106.D

Acq: 02 Nov 2023 20:34

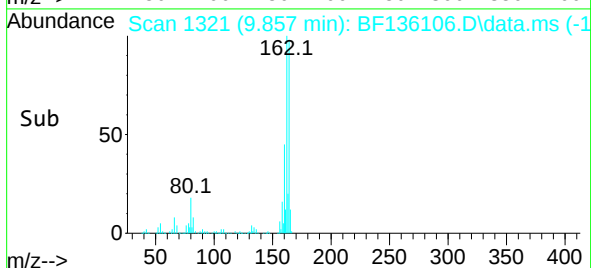
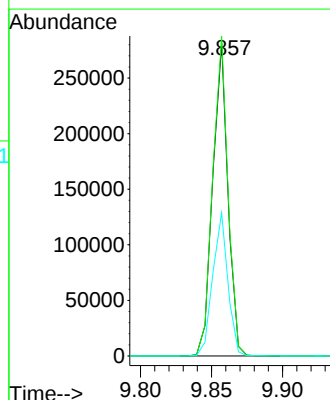
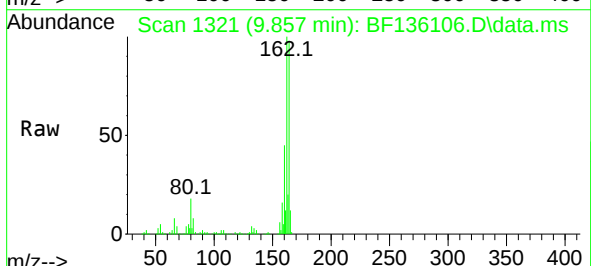
Tgt Ion:164 Resp: 210282

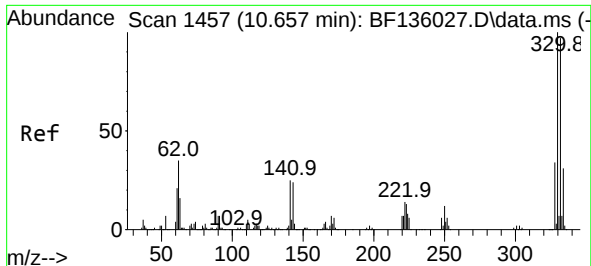
Ion Ratio Lower Upper

164 100

162 102.2 80.1 120.1

160 45.8 34.8 52.2





#42

2,4,6-Tribromophenol

Concen: 81.239 ng

RT: 10.651 min Scan# 1456

Delta R.T. -0.006 min

Lab File: BF136106.D

Acq: 02 Nov 2023 20:34

Instrument :

BNA_F

ClientSampleId :

B1

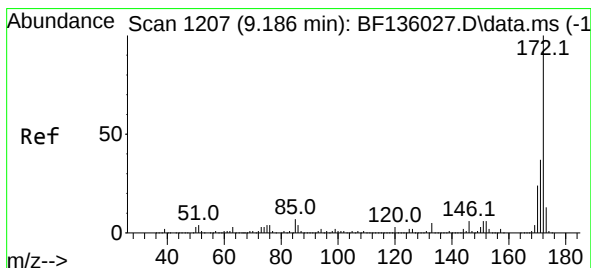
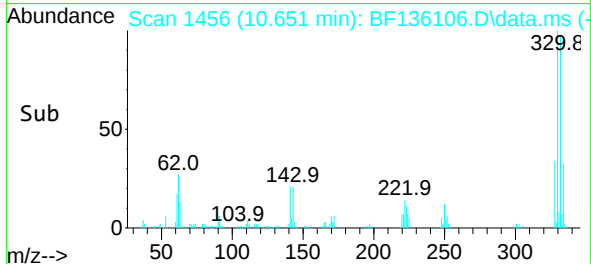
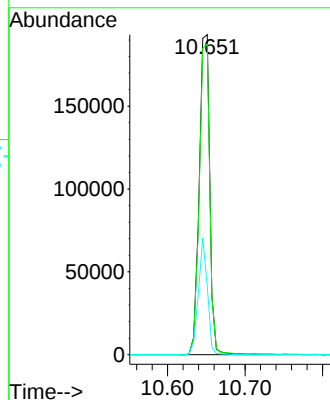
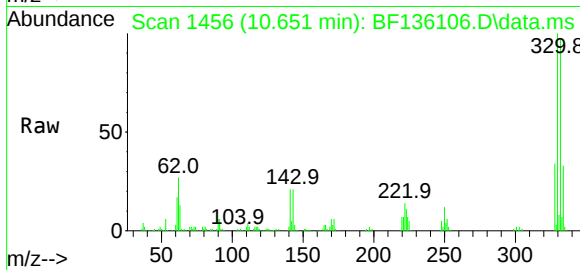
Tgt Ion:330 Resp: 182341

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

141 31.3 23.2 34.8



#45

2-Fluorobiphenyl

Concen: 65.817 ng

RT: 9.181 min Scan# 1206

Delta R.T. -0.006 min

Lab File: BF136106.D

Acq: 02 Nov 2023 20:34

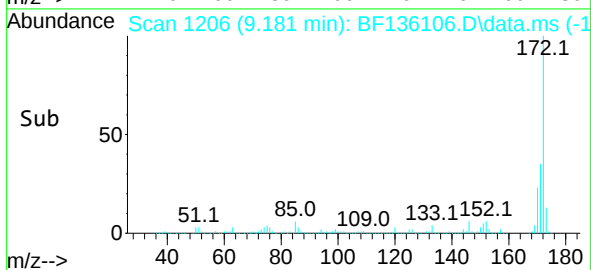
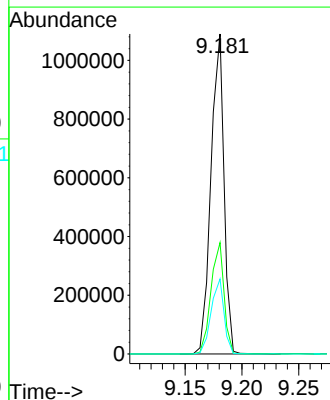
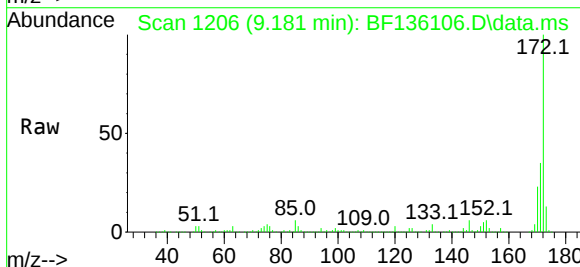
Tgt Ion:172 Resp: 868212

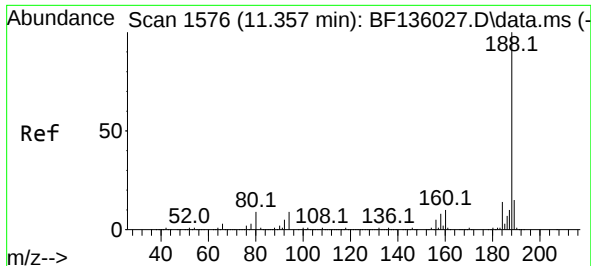
Ion Ratio Lower Upper

172 100

171 34.8 29.4 44.0

170 23.4 19.3 28.9

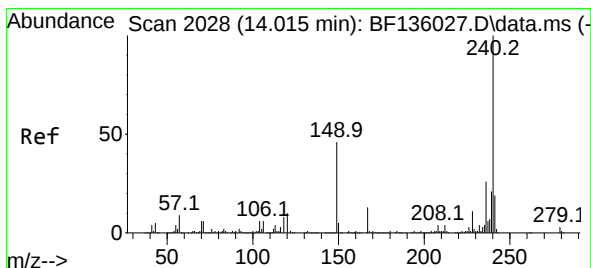
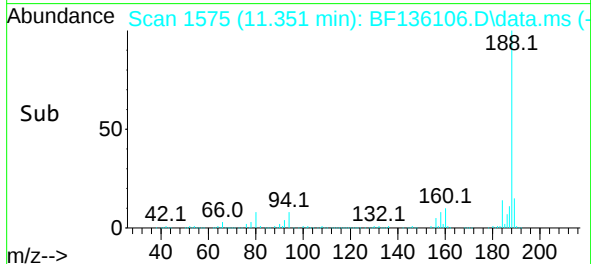
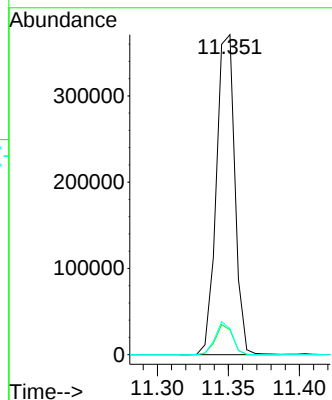
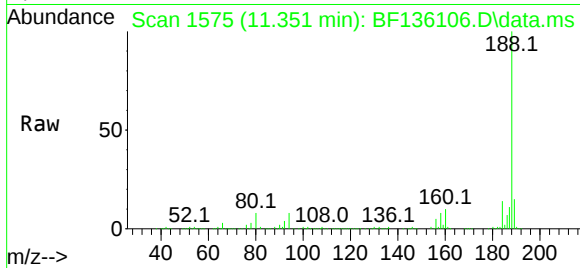




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136106.D
Acq: 02 Nov 2023 20:34

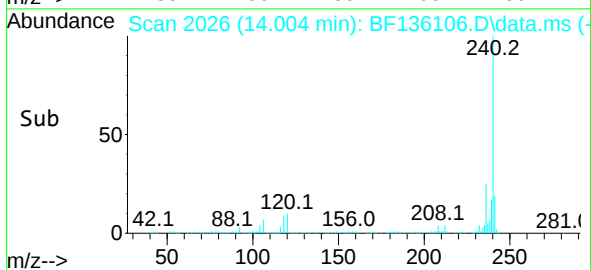
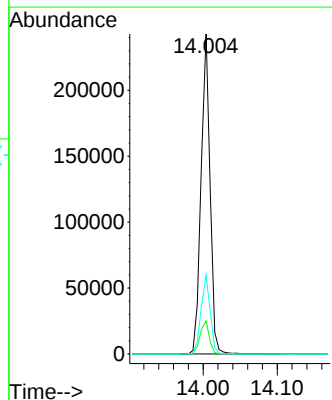
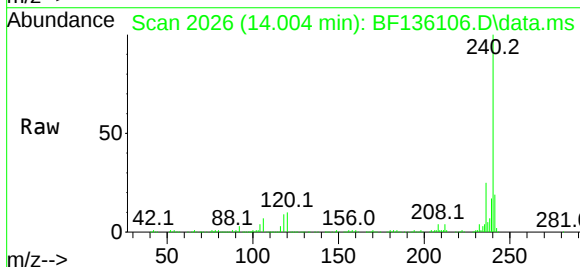
Instrument :
BNA_F
ClientSampleId :
B1

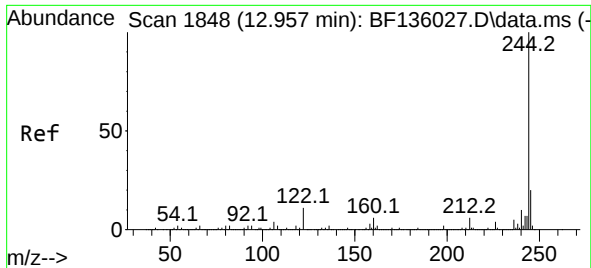
Tgt Ion:188 Resp: 335828
Ion Ratio Lower Upper
188 100
94 7.8 7.2 10.8
80 8.2 7.4 11.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2026
Delta R.T. -0.011 min
Lab File: BF136106.D
Acq: 02 Nov 2023 20:34

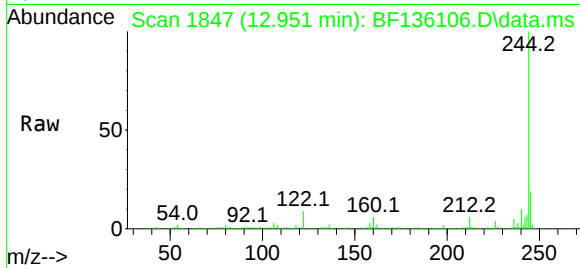
Tgt Ion:240 Resp: 203958
Ion Ratio Lower Upper
240 100
120 10.3 7.6 11.4
236 24.6 20.6 31.0



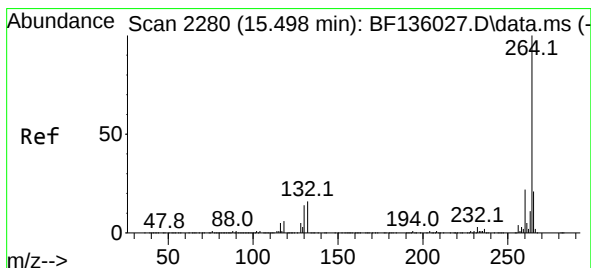
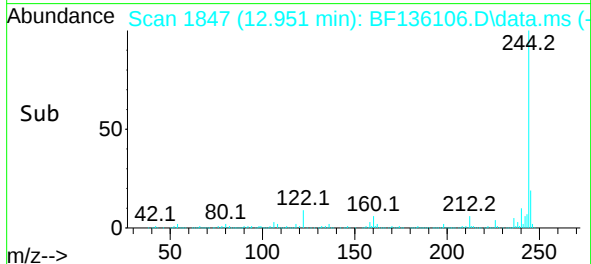
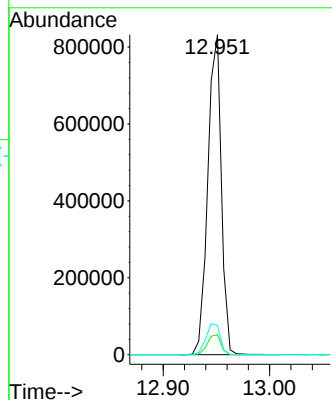


#79
 Terphenyl-d14
 Concen: 55.978 ng
 RT: 12.951 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF136106.D
 Acq: 02 Nov 2023 20:34

Instrument :
 BNA_F
 ClientSampleId :
 B1



Tgt Ion:244 Resp: 734674
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.1 7.7
 122 9.1 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: BF136106.D
 Acq: 02 Nov 2023 20:34

Tgt Ion:264 Resp: 180122
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.9 26.9
 265 22.2 16.8 25.2

