

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136800.D
 Acq On : 28 Dec 2023 18:47
 Operator : CG\JU
 Sample : 05932-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6-121923

Quant Time: Dec 28 23:30:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	68965	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	264967	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	129694	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	233246	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	140653	20.000	ng	-0.01
86) Perylene-d12	15.439	264	140801	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	198072	44.812	ng	-0.01
7) Phenol-d6	6.422	99	139517	24.360	ng	-0.02
23) Nitrobenzene-d5	7.345	82	396334	76.541	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	155818	102.013	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	771049	79.961	ng	-0.01
79) Terphenyl-d14	12.904	244	689842	68.540	ng	-0.01

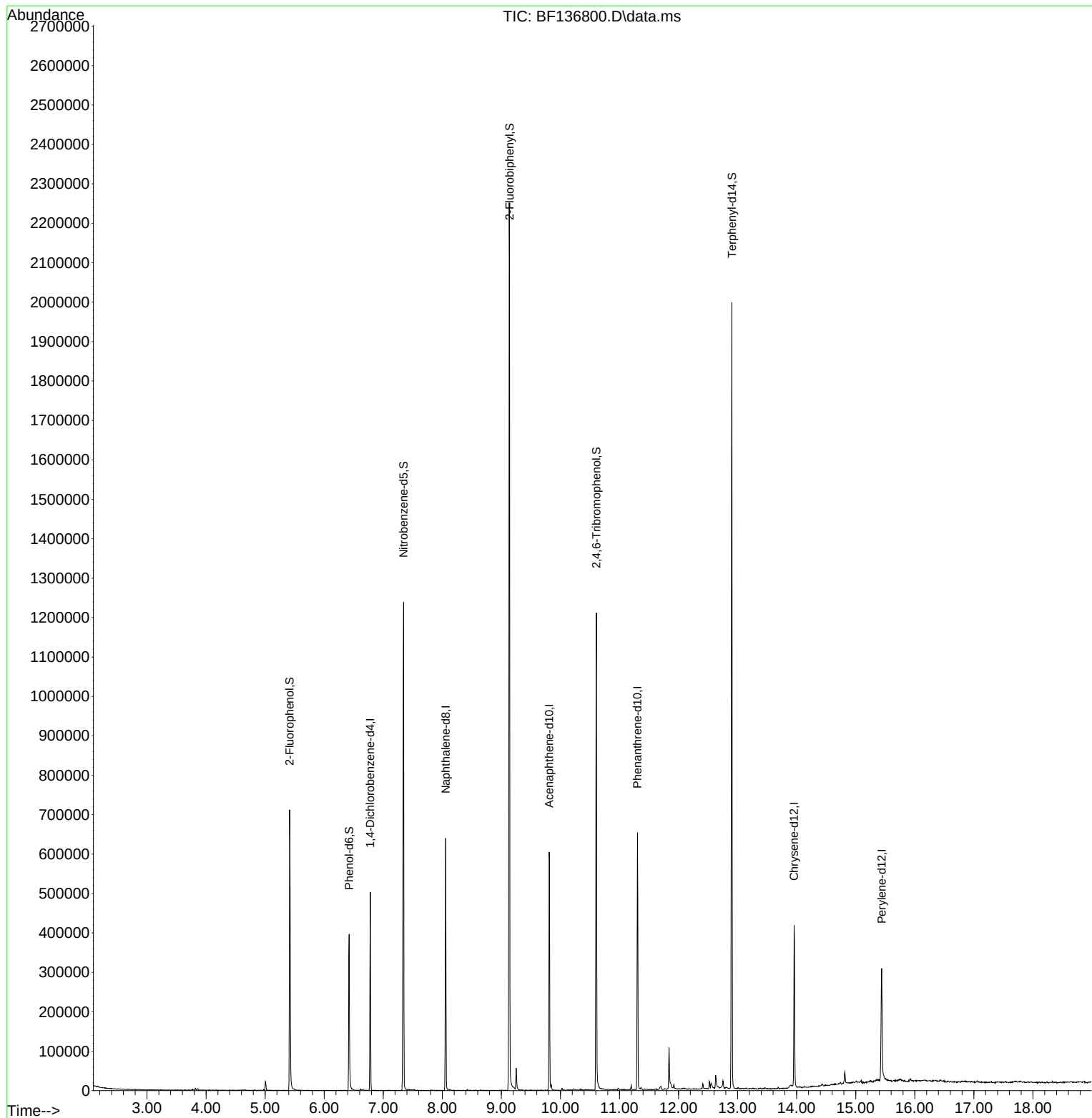
Target Compounds	Qvalue

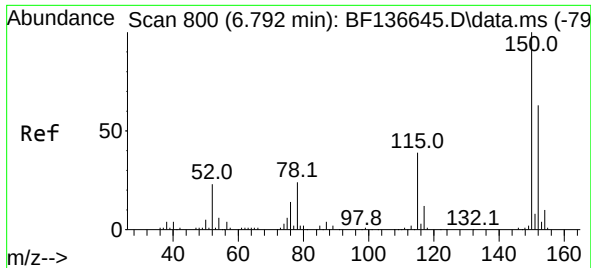
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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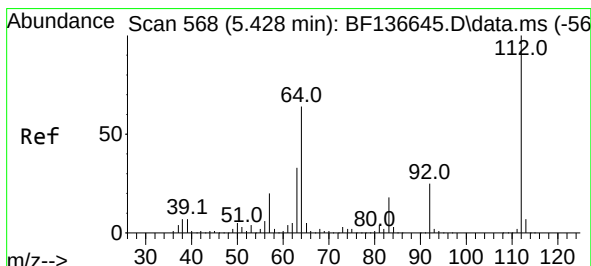
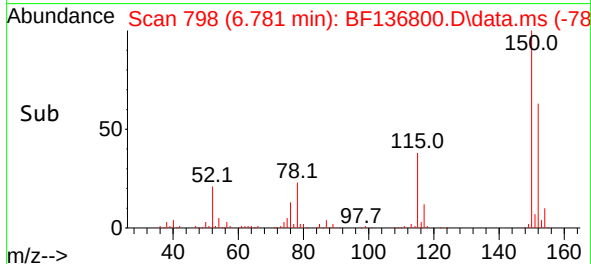
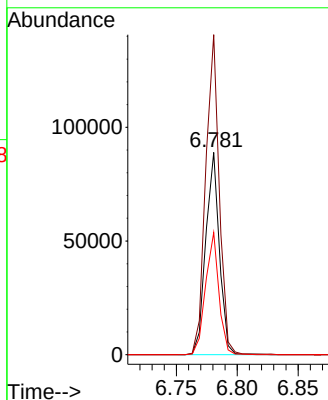
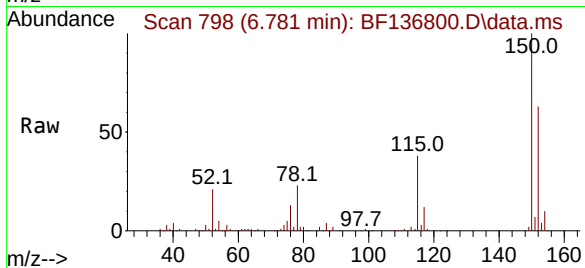




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136800.D
Acq: 28 Dec 2023 18:47

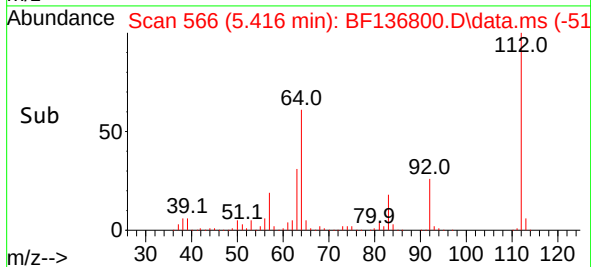
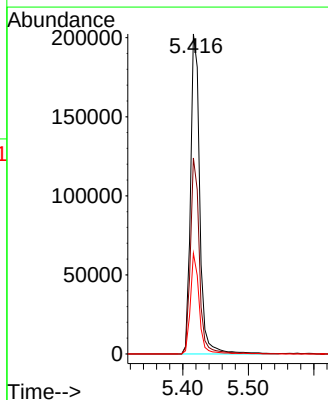
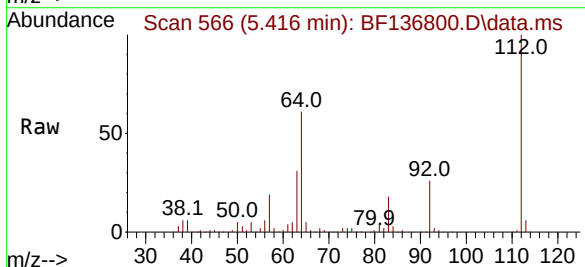
Instrument :
BNA_F
ClientSampleId :
MW-6-121923

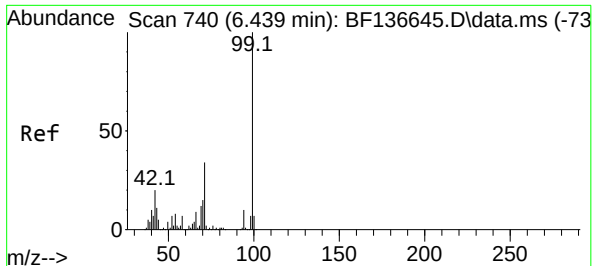
Tgt Ion:152 Resp: 68965
Ion Ratio Lower Upper
152 100
150 158.2 127.0 190.6
115 60.4 49.0 73.4



#5
2-Fluorophenol
Concen: 44.812 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF136800.D
Acq: 28 Dec 2023 18:47

Tgt Ion:112 Resp: 198072
Ion Ratio Lower Upper
112 100
64 61.3 51.1 76.7
63 31.5 26.1 39.1

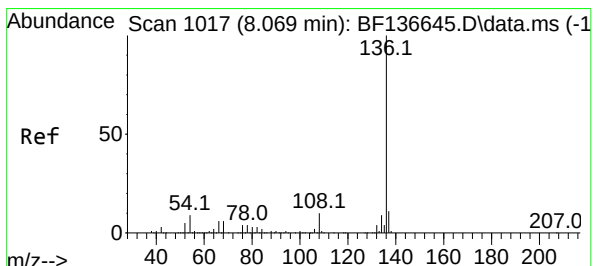
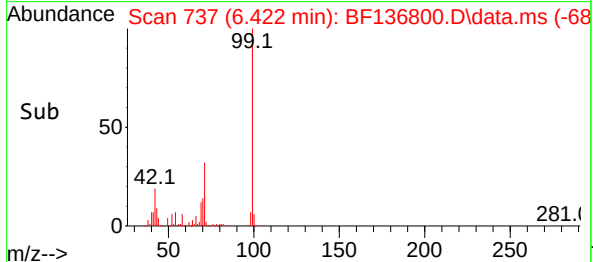
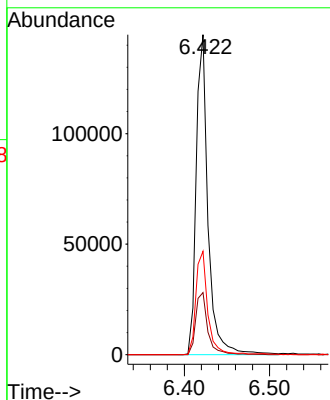
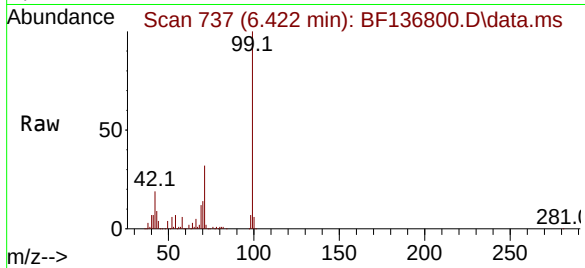




#7
Phenol-d6
Concen: 24.360 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF136800.D
Acq: 28 Dec 2023 18:47

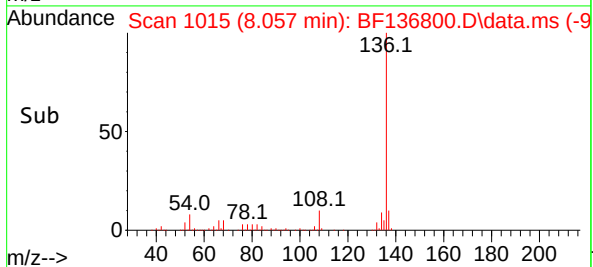
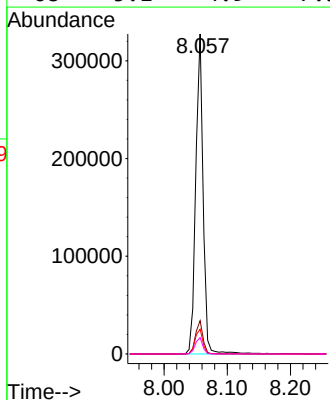
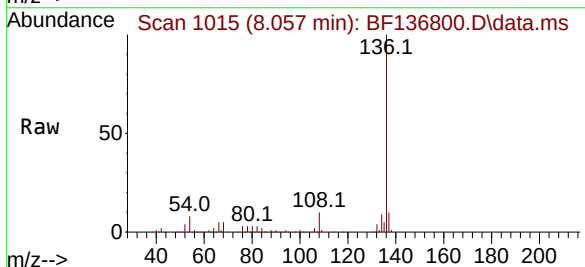
Instrument :
BNA_F
ClientSampleId :
MW-6-121923

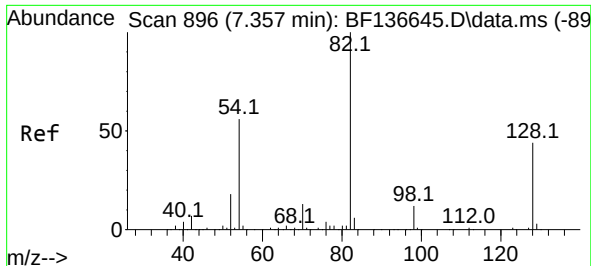
Tgt Ion: 99 Resp: 139517
Ion Ratio Lower Upper
99 100
42 19.4 16.1 24.1
71 32.3 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF136800.D
Acq: 28 Dec 2023 18:47

Tgt Ion: 136 Resp: 264967
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 7.8 7.2 10.8
68 5.1 4.9 7.3





#23

Nitrobenzene-d5

Concen: 76.541 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136800.D

Acq: 28 Dec 2023 18:47

Instrument :

BNA_F

ClientSampleId :

MW-6-121923

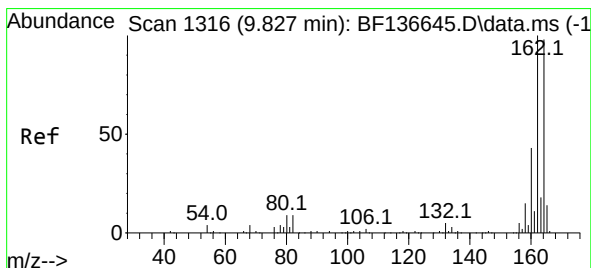
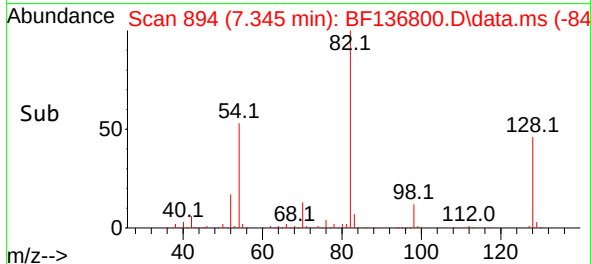
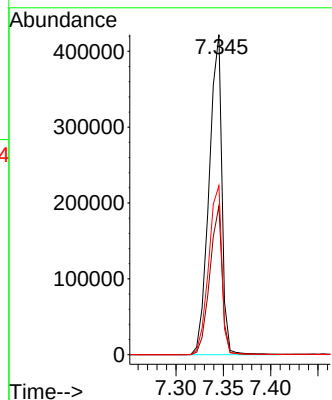
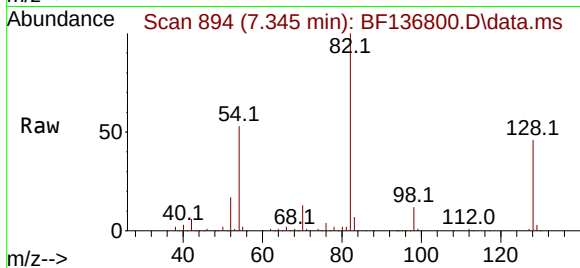
Tgt Ion: 82 Resp: 396334

Ion Ratio Lower Upper

82 100

128 46.5 35.3 52.9

54 52.8 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.018 min

Lab File: BF136800.D

Acq: 28 Dec 2023 18:47

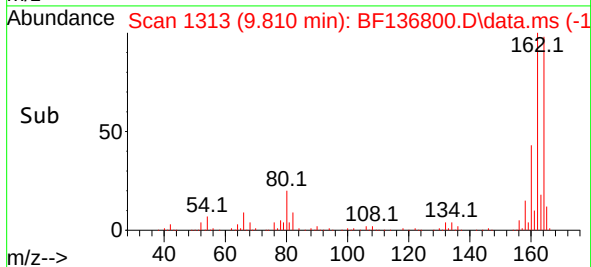
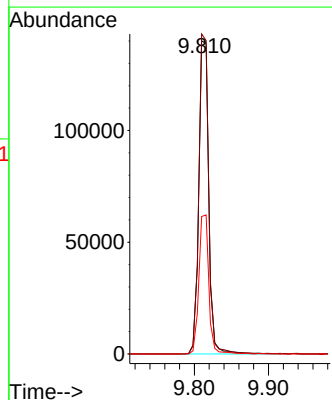
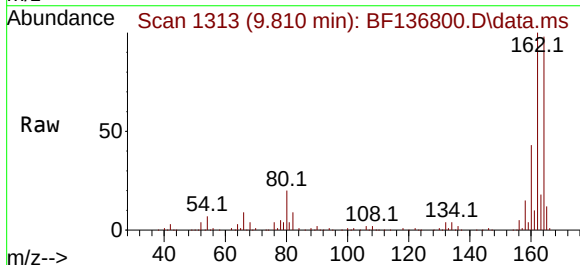
Tgt Ion:164 Resp: 129694

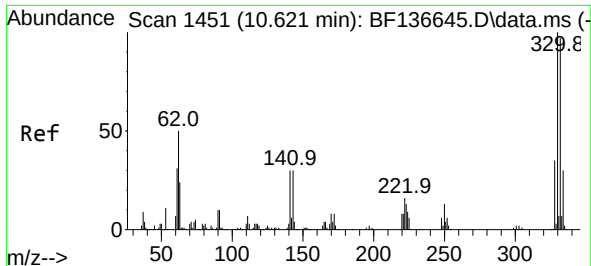
Ion Ratio Lower Upper

164 100

162 102.2 81.6 122.4

160 43.9 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 102.013 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136800.D

Acq: 28 Dec 2023 18:47

Instrument :

BNA_F

ClientSampleId :

MW-6-121923

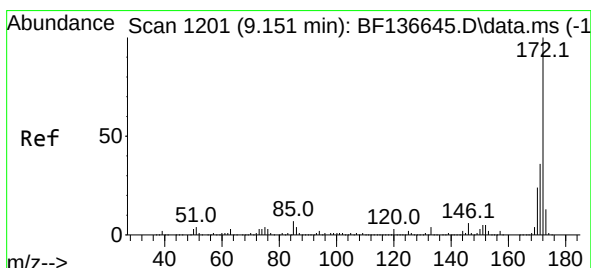
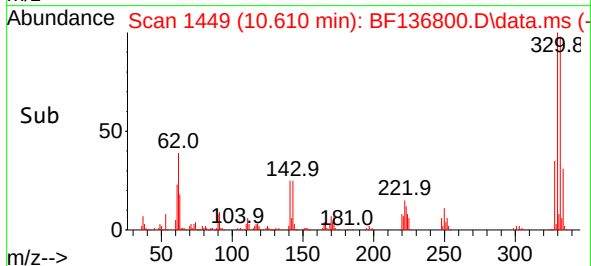
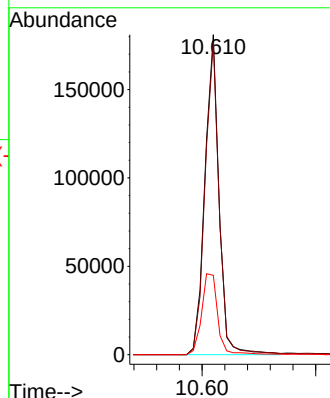
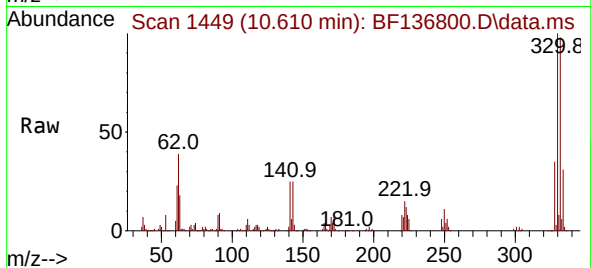
Tgt Ion:330 Resp: 155818

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.0

141 29.1 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 79.961 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136800.D

Acq: 28 Dec 2023 18:47

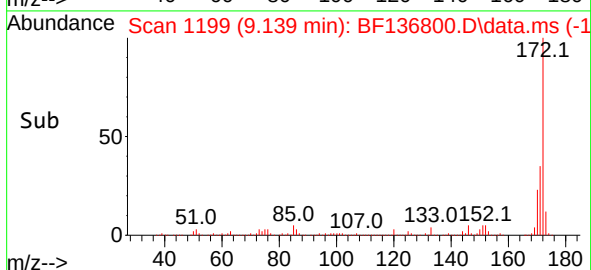
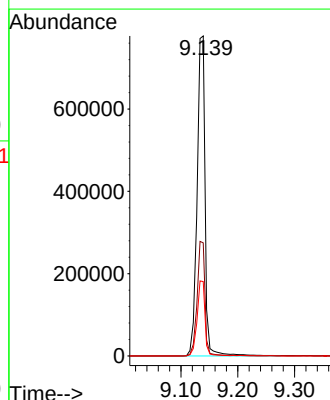
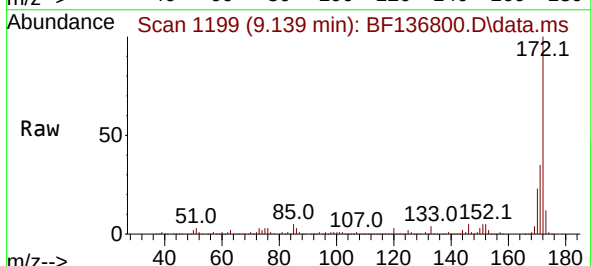
Tgt Ion:172 Resp: 771049

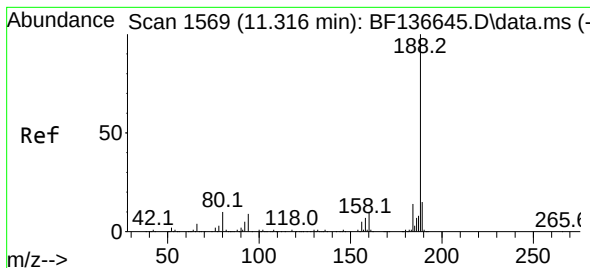
Ion Ratio Lower Upper

172 100

171 35.4 29.0 43.6

170 23.3 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136800.D

Acq: 28 Dec 2023 18:47

Instrument :

BNA_F

ClientSampleId :

MW-6-121923

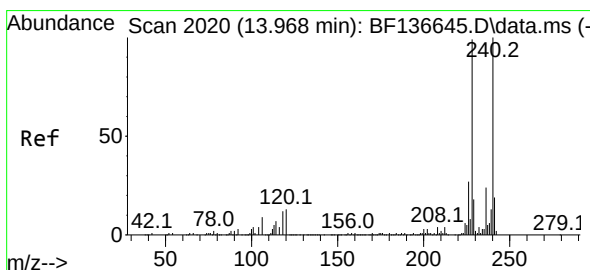
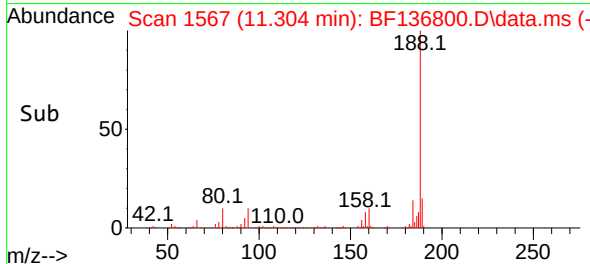
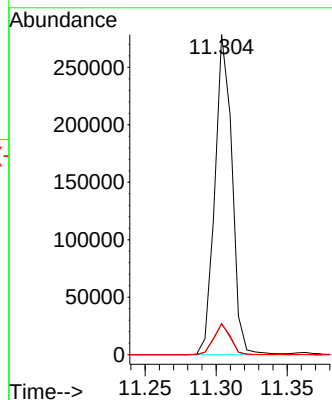
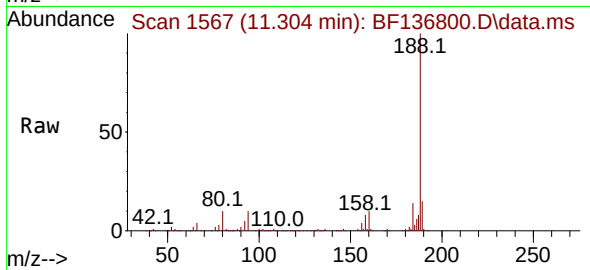
Tgt Ion:188 Resp: 233246

Ion Ratio Lower Upper

188 100

94 9.7 7.5 11.3

80 9.6 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF136800.D

Acq: 28 Dec 2023 18:47

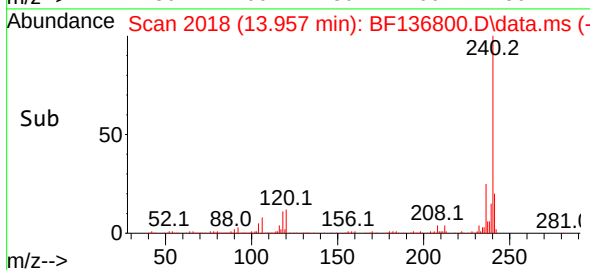
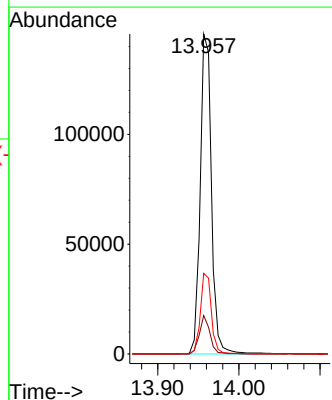
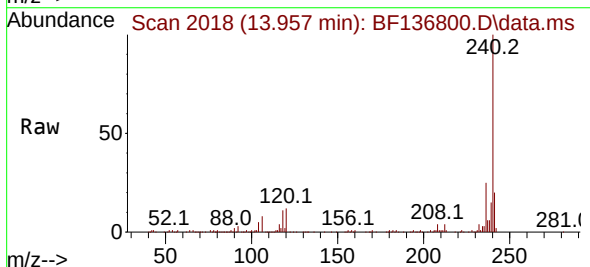
Tgt Ion:240 Resp: 140653

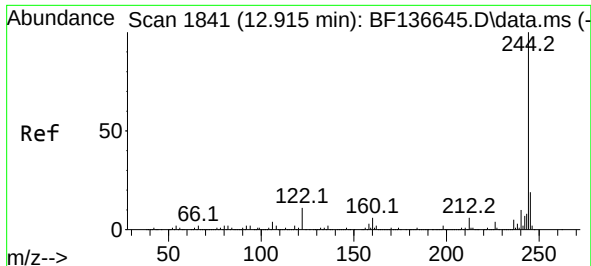
Ion Ratio Lower Upper

240 100

120 12.0 10.3 15.5

236 25.2 19.4 29.2

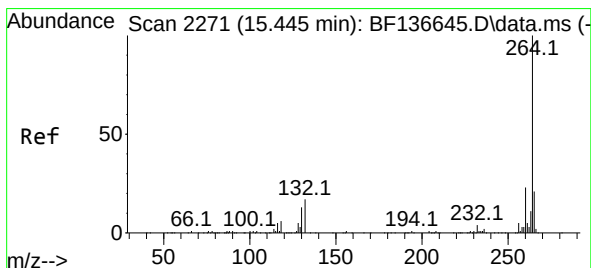
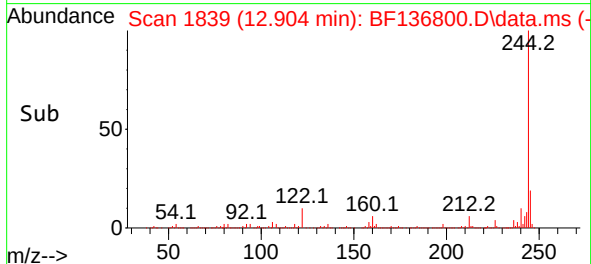
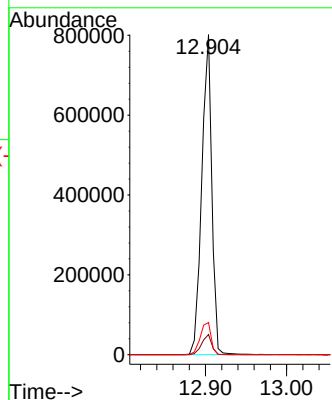
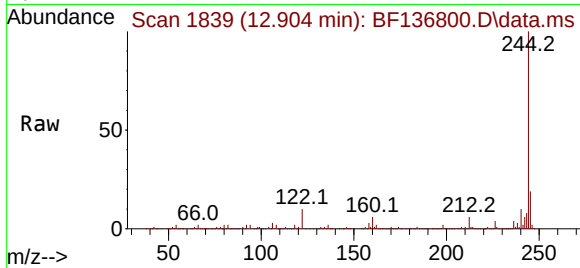




#79
Terphenyl-d14
Concen: 68.540 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136800.D
Acq: 28 Dec 2023 18:47

Instrument :
BNA_F
ClientSampleId :
MW-6-121923

Tgt Ion:244 Resp: 689842
Ion Ratio Lower Upper
244 100
212 6.3 5.0 7.4
122 10.1 9.0 13.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.439 min Scan# 2270
Delta R.T. -0.006 min
Lab File: BF136800.D
Acq: 28 Dec 2023 18:47

Tgt Ion:264 Resp: 140801
Ion Ratio Lower Upper
264 100
260 23.0 18.3 27.5
265 21.1 17.0 25.6

