

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122823\
 Data File : BF136802.D
 Acq On : 28 Dec 2023 19:49
 Operator : CG\JU
 Sample : 05932-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT-MW-07-121923

Quant Time: Dec 28 23:30:49 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	70401	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	258609	20.000	ng	-0.01
39) Acenaphthene-d10	9.810	164	119160	20.000	ng	-0.02
64) Phenanthrene-d10	11.304	188	191490	20.000	ng	-0.01
76) Chrysene-d12	13.957	240	131513	20.000	ng	-0.01
86) Perylene-d12	15.439	264	145822	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	227206	50.355	ng	-0.01
7) Phenol-d6	6.422	99	166077	28.406	ng	-0.02
23) Nitrobenzene-d5	7.345	82	417739	82.658	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	158348	112.834	ng	-0.01
45) 2-Fluorobiphenyl	9.139	172	791185	89.303	ng	-0.01
79) Terphenyl-d14	12.904	244	564770	60.013	ng	-0.01

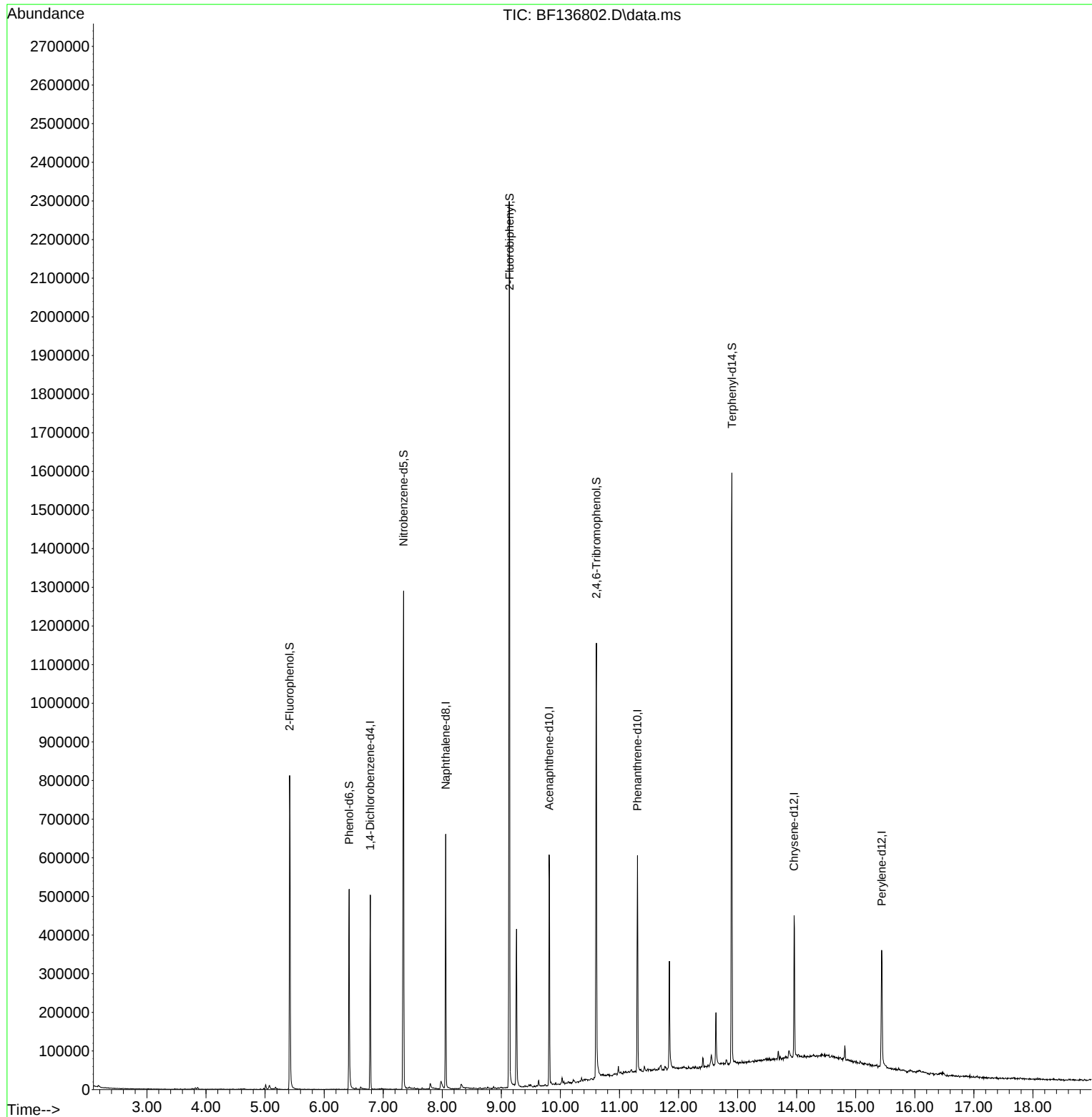
Target Compounds	Qvalue

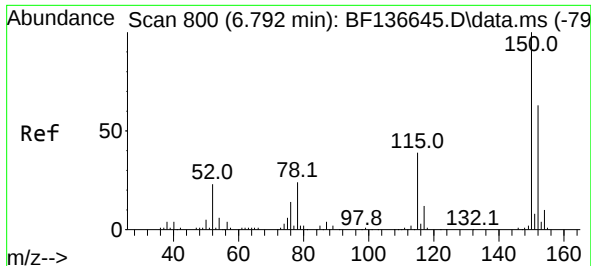
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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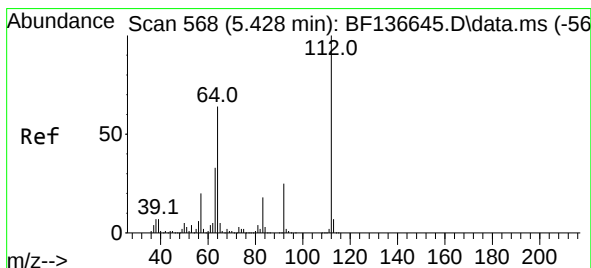
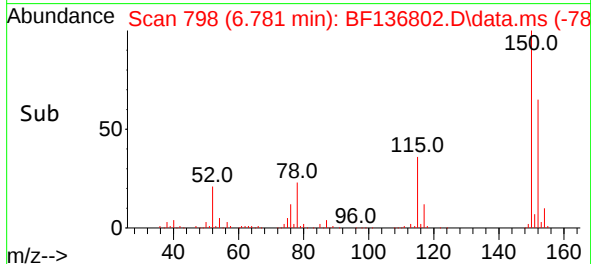
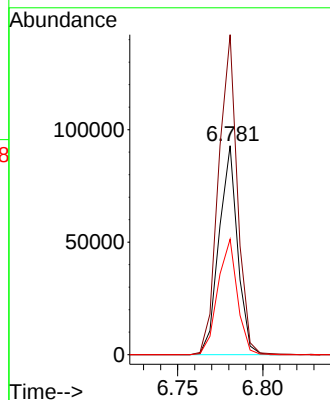
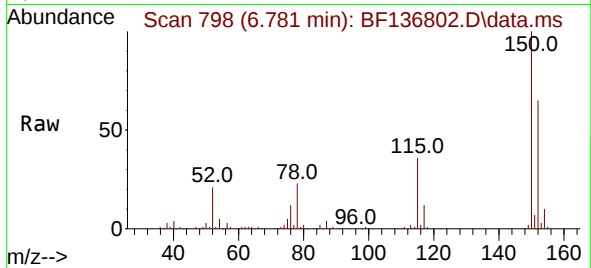




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF136802.D
Acq: 28 Dec 2023 19:49

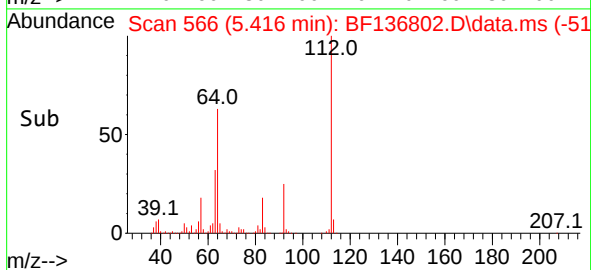
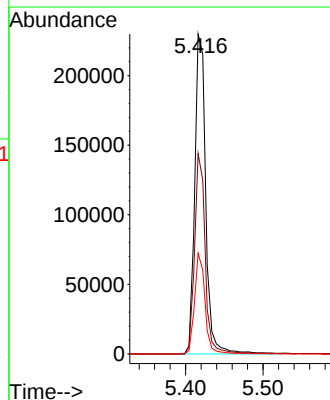
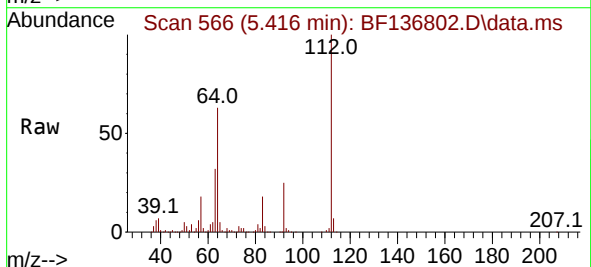
Instrument :
BNA_F
ClientSampleId :
RT-MW-07-121923

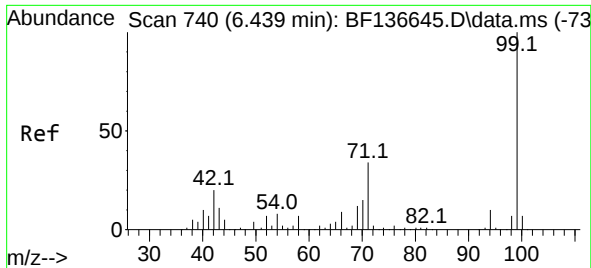
Tgt Ion:152 Resp: 70401
Ion Ratio Lower Upper
152 100
150 153.1 127.0 190.6
115 55.3 49.0 73.4



#5
2-Fluorophenol
Concen: 50.355 ng
RT: 5.416 min Scan# 566
Delta R.T. -0.012 min
Lab File: BF136802.D
Acq: 28 Dec 2023 19:49

Tgt Ion:112 Resp: 227206
Ion Ratio Lower Upper
112 100
64 62.6 51.1 76.7
63 31.5 26.1 39.1

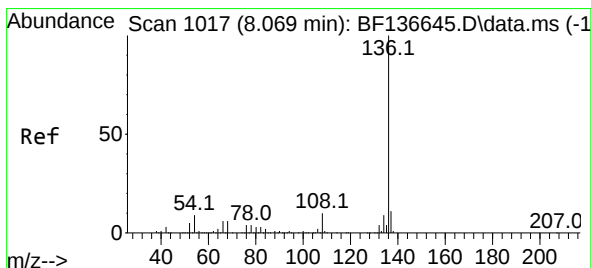
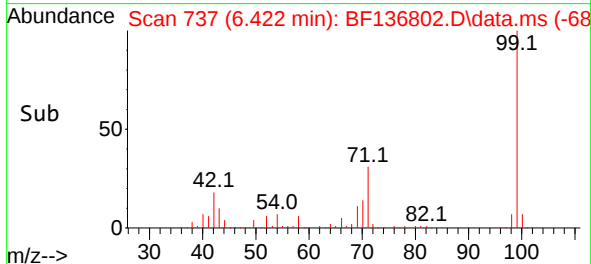
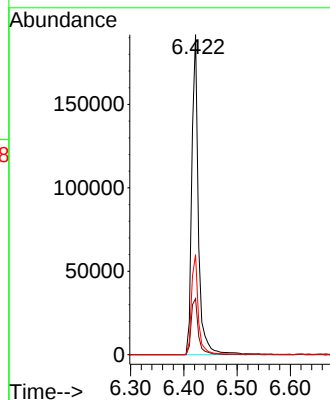
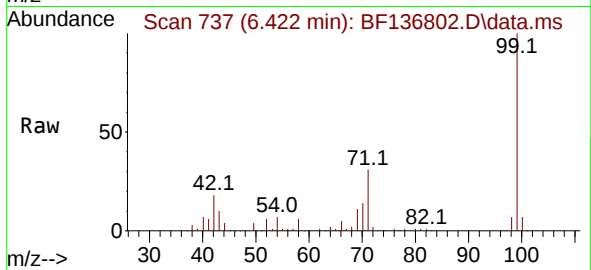




#7
Phenol-d6
Concen: 28.406 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF136802.D
Acq: 28 Dec 2023 19:49

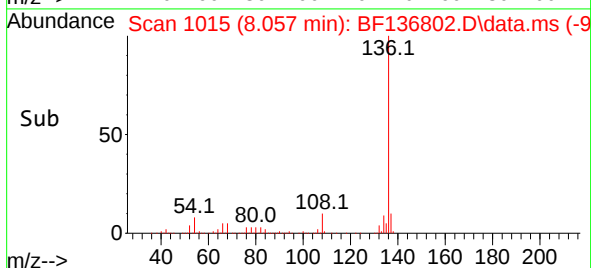
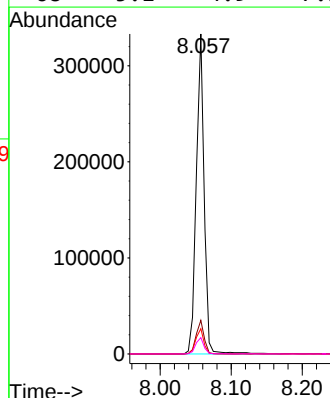
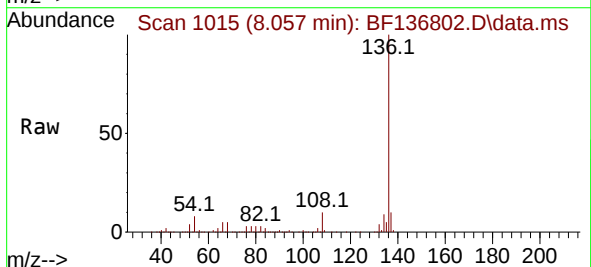
Instrument :
BNA_F
ClientSampleId :
RT-MW-07-121923

Tgt Ion: 99 Resp: 166077
Ion Ratio Lower Upper
99 100
42 17.5 16.1 24.1
71 31.3 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: BF136802.D
Acq: 28 Dec 2023 19:49

Tgt Ion: 136 Resp: 258609
Ion Ratio Lower Upper
136 100
137 10.5 9.0 13.4
54 7.9 7.2 10.8
68 5.1 4.9 7.3





#23

Nitrobenzene-d5

Concen: 82.658 ng

RT: 7.345 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF136802.D

Acq: 28 Dec 2023 19:49

Instrument :

BNA_F

ClientSampleId :

RT-MW-07-121923

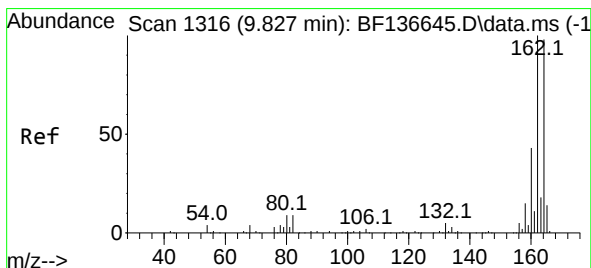
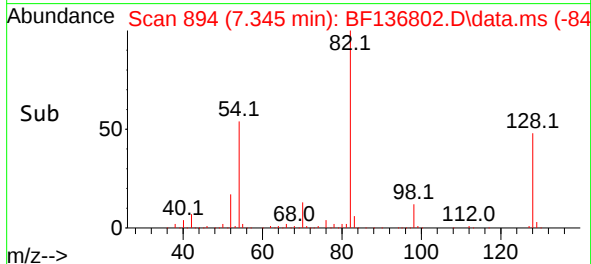
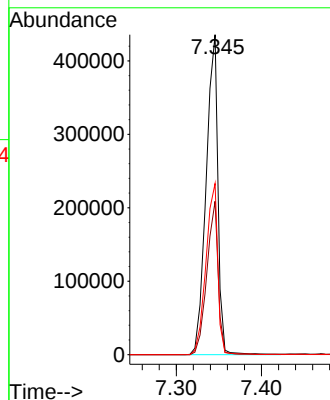
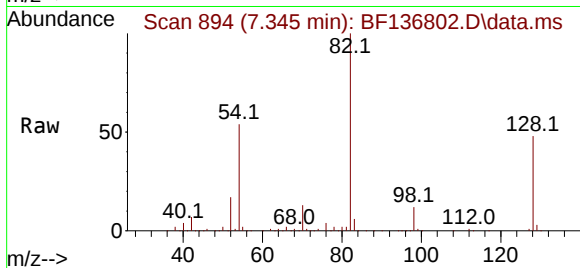
Tgt Ion: 82 Resp: 417739

Ion Ratio Lower Upper

82 100

128 48.0 35.3 52.9

54 53.5 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.810 min Scan# 1313

Delta R.T. -0.017 min

Lab File: BF136802.D

Acq: 28 Dec 2023 19:49

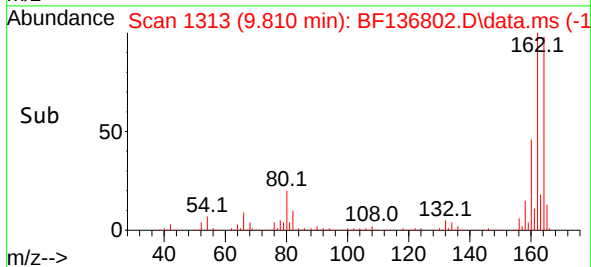
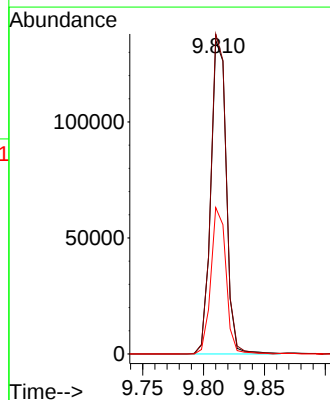
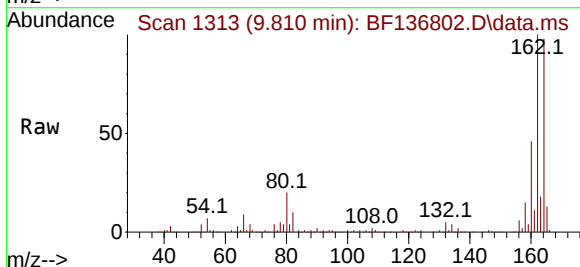
Tgt Ion:164 Resp: 119160

Ion Ratio Lower Upper

164 100

162 102.0 81.6 122.4

160 46.7 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 112.834 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF136802.D

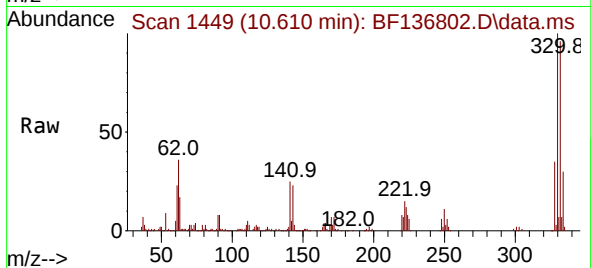
Acq: 28 Dec 2023 19:49

Instrument :

BNA_F

ClientSampleId :

RT-MW-07-121923



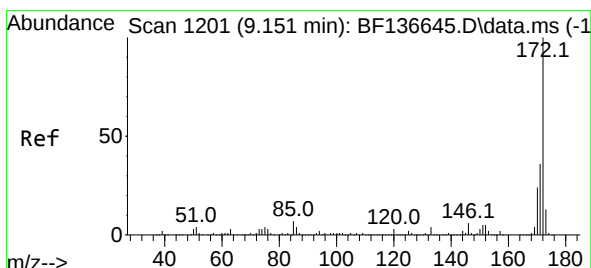
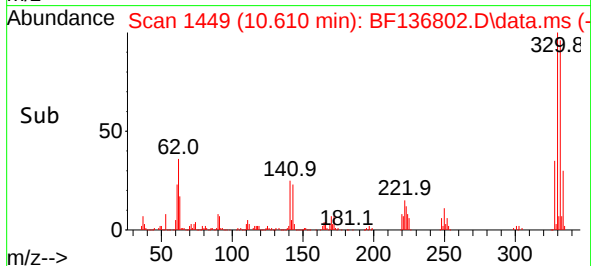
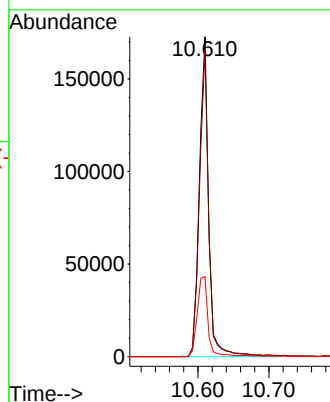
Tgt Ion:330 Resp: 158348

Ion Ratio Lower Upper

330 100

332 95.1 77.4 116.0

141 29.5 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 89.303 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136802.D

Acq: 28 Dec 2023 19:49

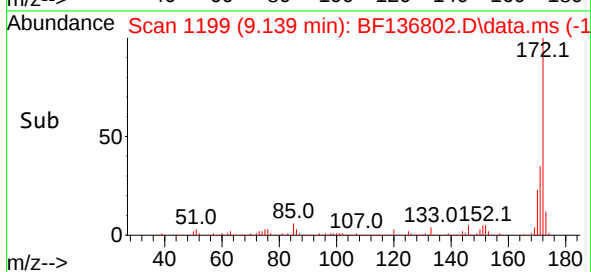
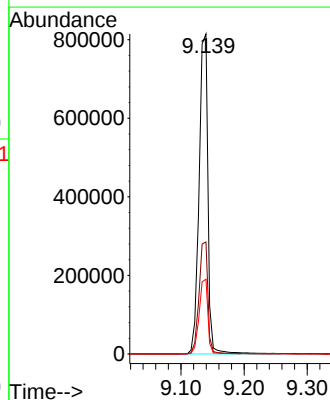
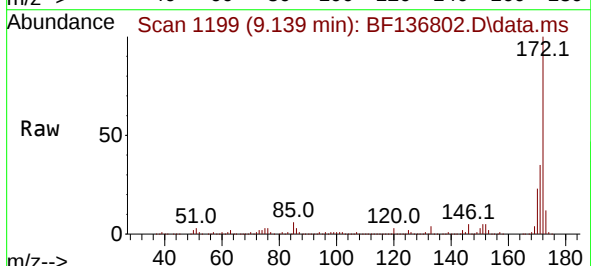
Tgt Ion:172 Resp: 791185

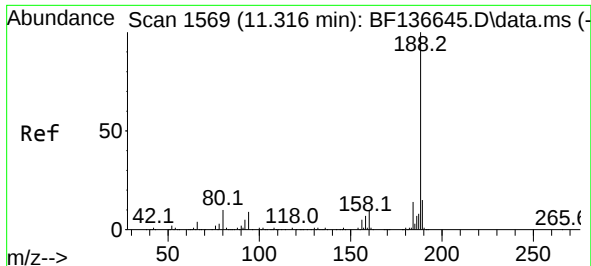
Ion Ratio Lower Upper

172 100

171 35.0 29.0 43.6

170 23.4 19.0 28.4

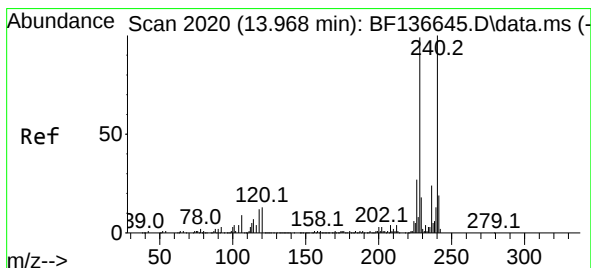
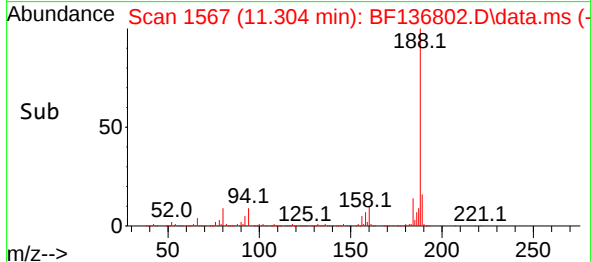
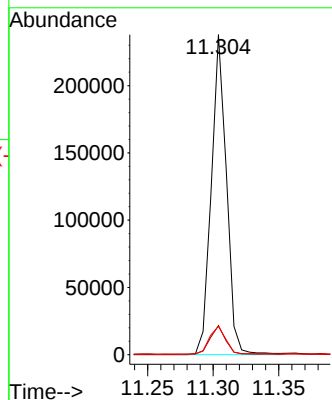
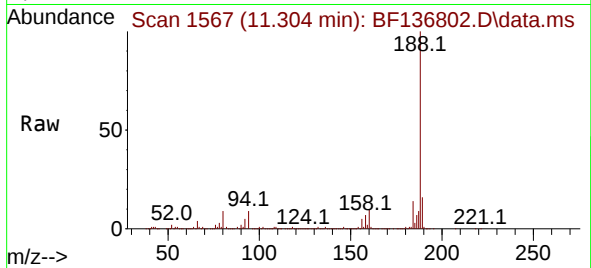




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136802.D
Acq: 28 Dec 2023 19:49

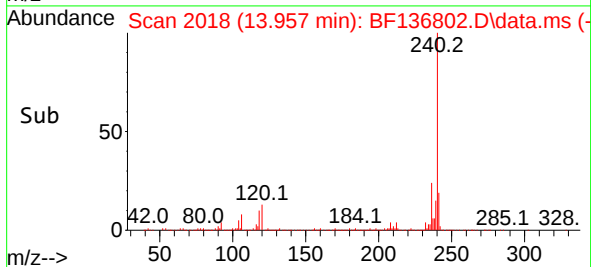
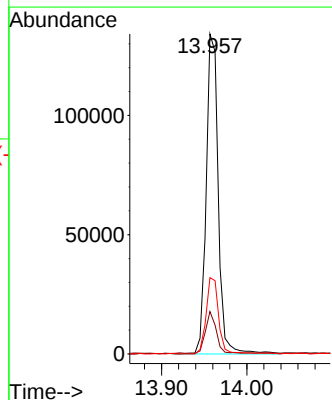
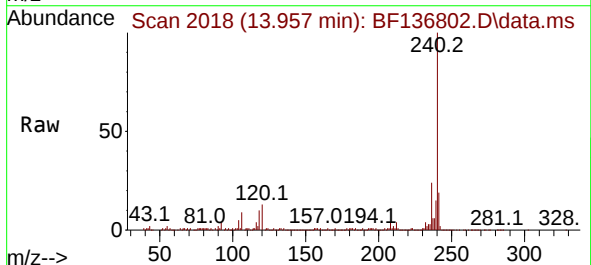
Instrument :
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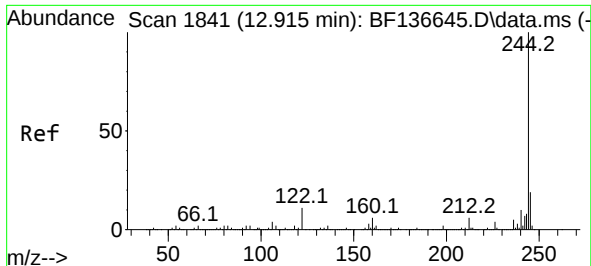
Tgt Ion:188 Resp: 191490
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 8.8 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF136802.D
Acq: 28 Dec 2023 19:49

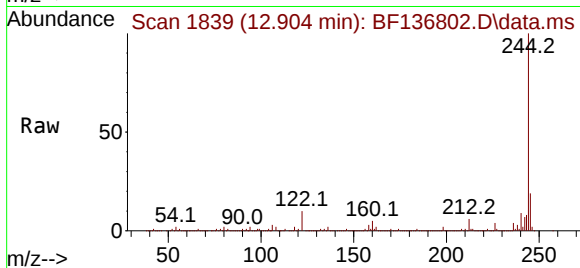
Tgt Ion:240 Resp: 131513
Ion Ratio Lower Upper
240 100
120 13.3 10.3 15.5
236 23.8 19.4 29.2



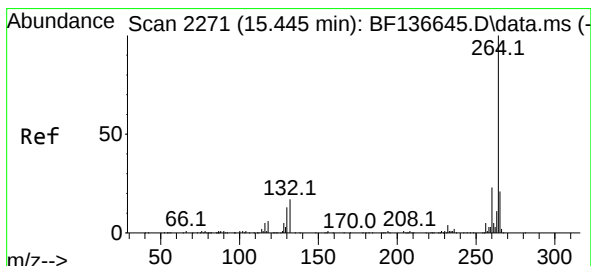
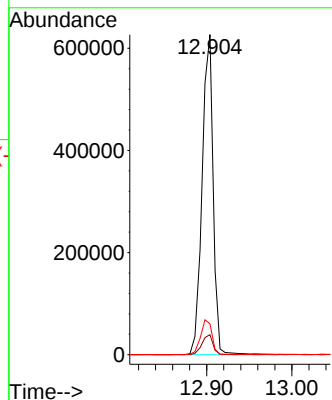
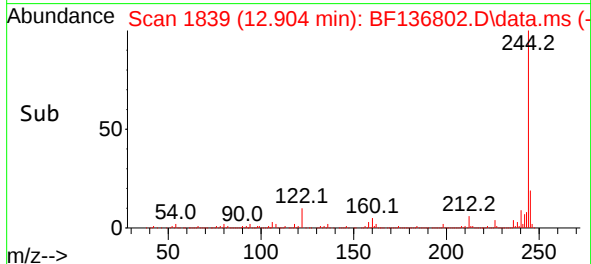


#79
 Terphenyl-d14
 Concen: 60.013 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF136802.D
 Acq: 28 Dec 2023 19:49

Instrument :
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Tgt Ion:244 Resp: 564770
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 9.6 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: BF136802.D
 Acq: 28 Dec 2023 19:49

Tgt Ion:264 Resp: 145822
 Ion Ratio Lower Upper
 264 100
 260 21.3 18.3 27.5
 265 21.9 17.0 25.6

