

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120723\
 Data File : BF136450.D
 Acq On : 07 Dec 2023 16:53
 Operator : CG\JU
 Sample : 05617-01 2X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-120423

Quant Time: Dec 07 17:34:14 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 06 09:40:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	113474	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	393025	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	156296	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	251335	20.000	ng	0.00
76) Chrysene-d12	13.974	240	236038	20.000	ng	0.00
86) Perylene-d12	15.463	264	188862	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	289171	37.635	ng	0.00
7) Phenol-d6	6.440	99	333132	34.750	ng	0.00
23) Nitrobenzene-d5	7.357	82	199787	27.481	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	60158	31.216	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	346584	30.258	ng	-0.01
79) Terphenyl-d14	12.916	244	340502	19.014	ng	0.00

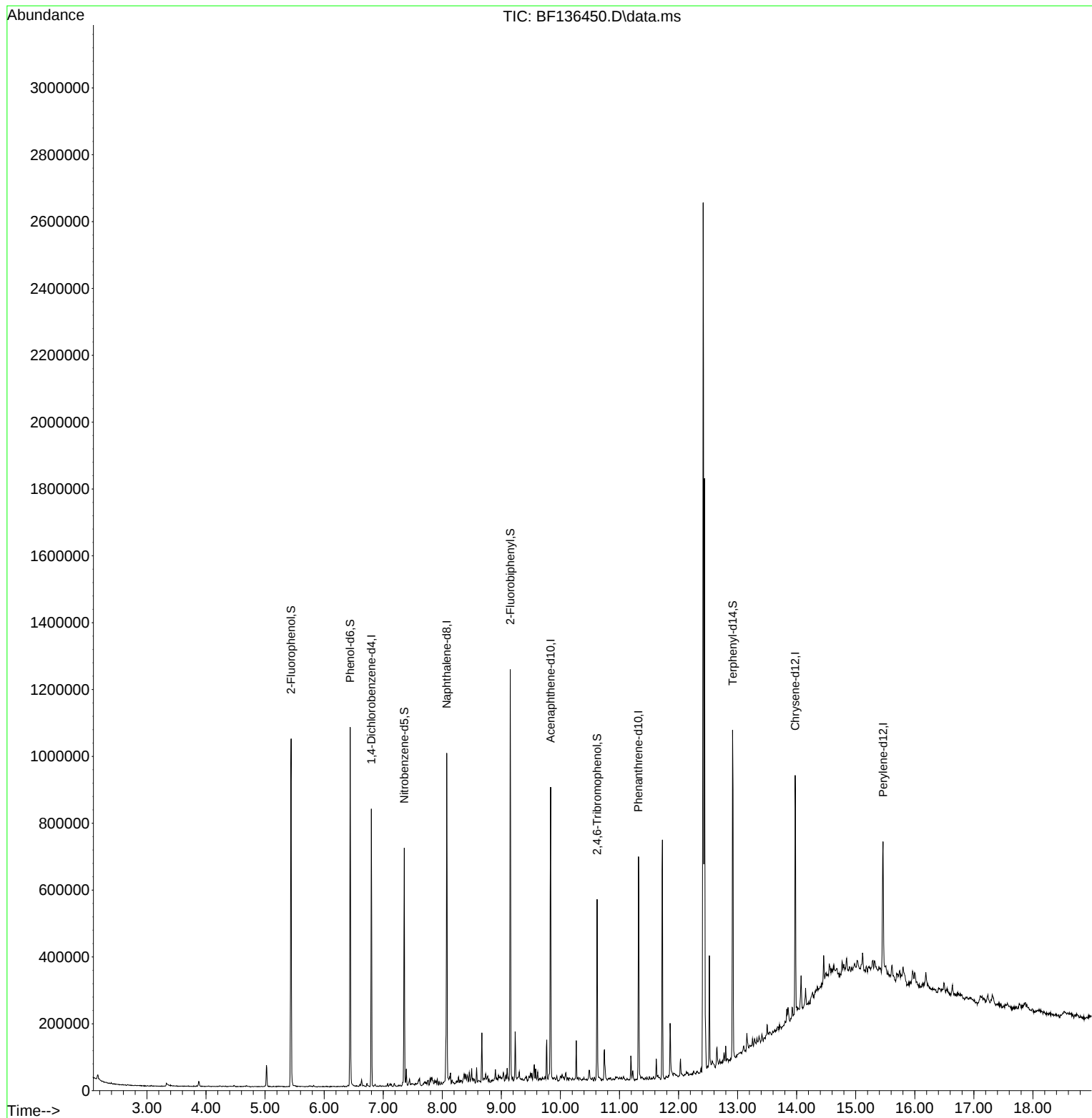
Target Compounds	Qvalue

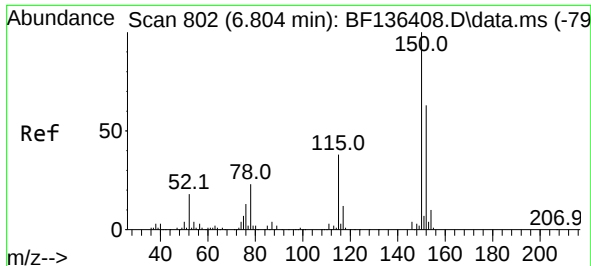
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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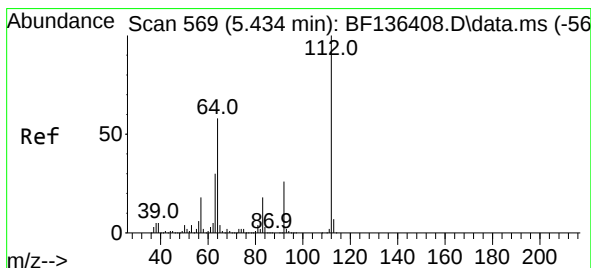
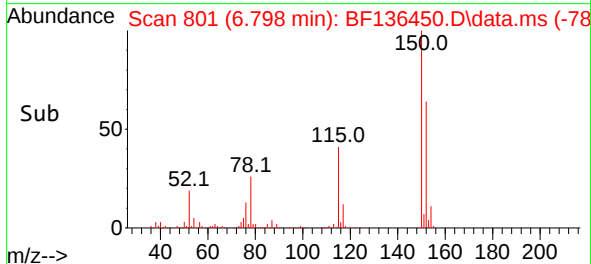
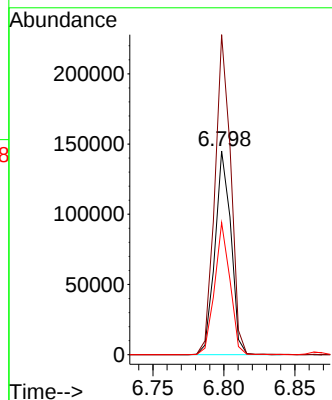
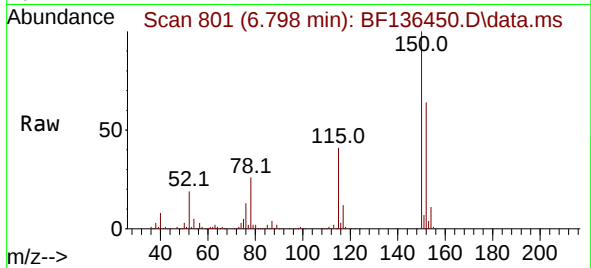




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF136450.D
Acq: 07 Dec 2023 16:53

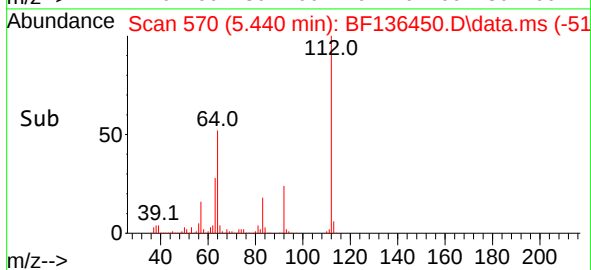
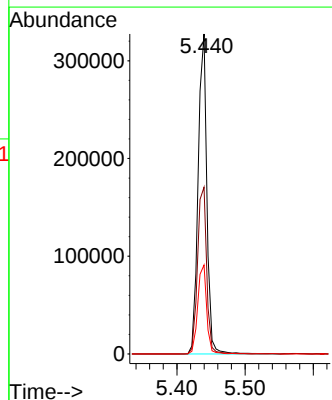
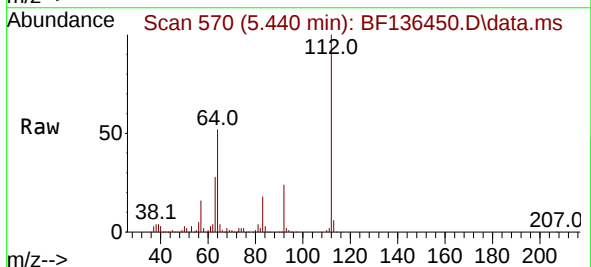
Instrument :
BNA_F
ClientSampleId :
HD-02-120423

Tgt Ion:152 Resp: 113474
Ion Ratio Lower Upper
152 100
150 157.1 126.4 189.6
115 64.8 48.2 72.4



#5
2-Fluorophenol
Concen: 37.635 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.006 min
Lab File: BF136450.D
Acq: 07 Dec 2023 16:53

Tgt Ion:112 Resp: 289171
Ion Ratio Lower Upper
112 100
64 52.1 46.5 69.7
63 27.8 23.9 35.9

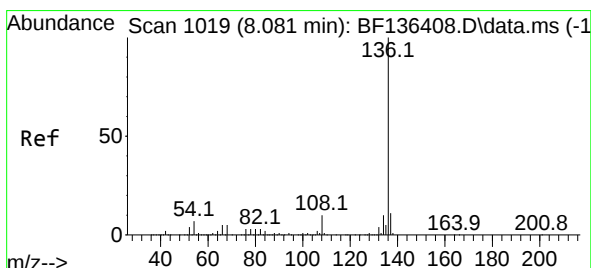
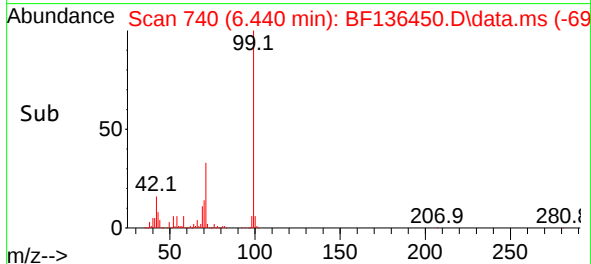
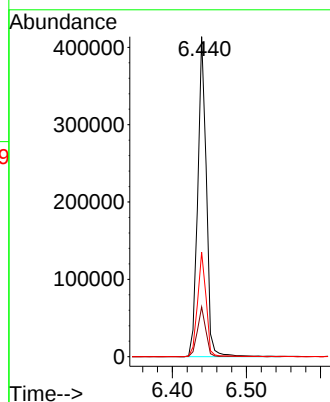
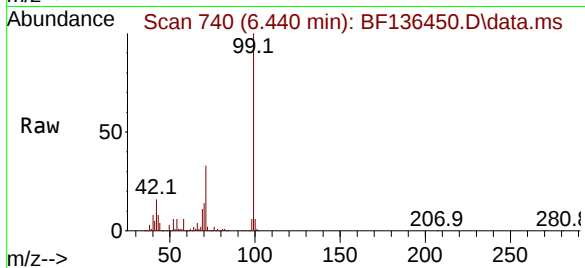




#7
Phenol-d6
Concen: 34.750 ng
RT: 6.440 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF136450.D
Acq: 07 Dec 2023 16:53

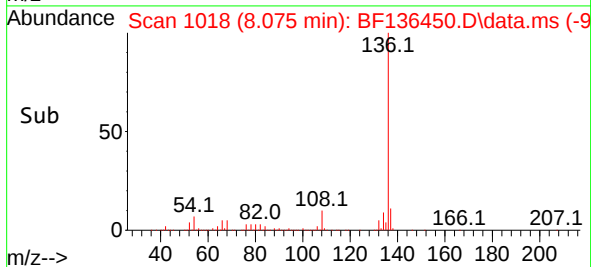
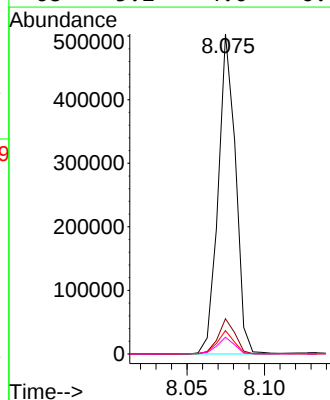
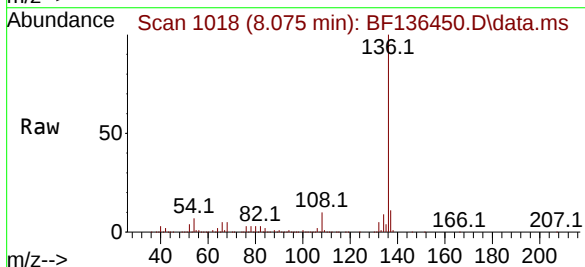
Instrument :
BNA_F
ClientSampleId :
HD-02-120423

Tgt Ion: 99 Resp: 333132
Ion Ratio Lower Upper
99 100
42 15.6 12.8 19.2
71 32.7 27.0 40.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF136450.D
Acq: 07 Dec 2023 16:53

Tgt Ion: 136 Resp: 393025
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 7.3 5.7 8.5
68 5.2 4.0 6.0





#23

Nitrobenzene-d5

Concen: 27.481 ng

RT: 7.357 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136450.D

Acq: 07 Dec 2023 16:53

Instrument :

BNA_F

ClientSampleId :

HD-02-120423

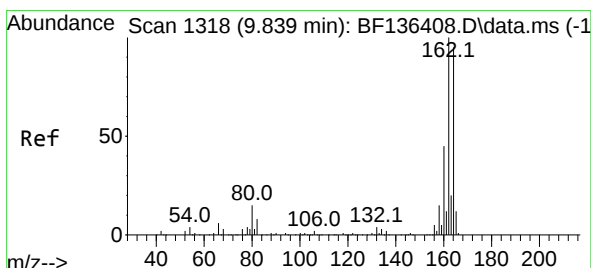
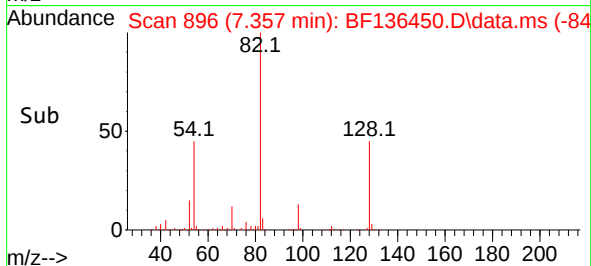
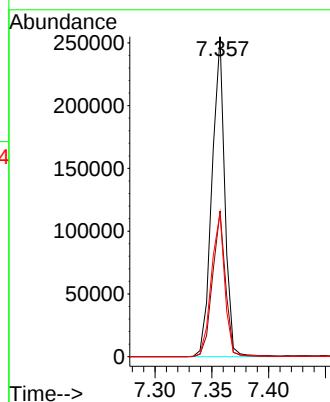
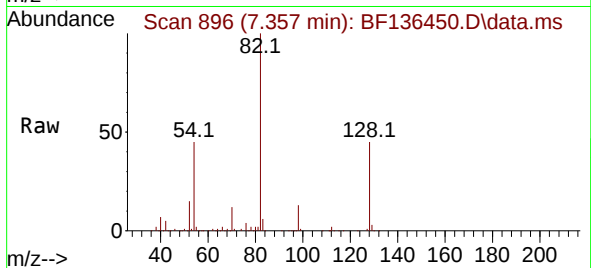
Tgt Ion: 82 Resp: 199787

Ion Ratio Lower Upper

82 100

128 45.5 36.3 54.5

54 45.0 39.0 58.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1317

Delta R.T. -0.006 min

Lab File: BF136450.D

Acq: 07 Dec 2023 16:53

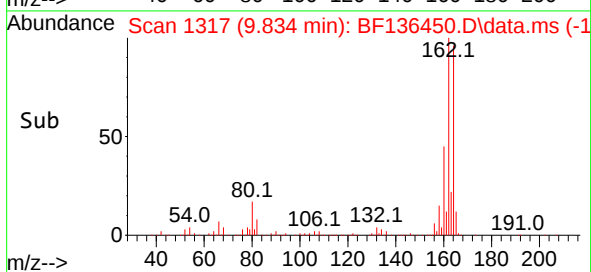
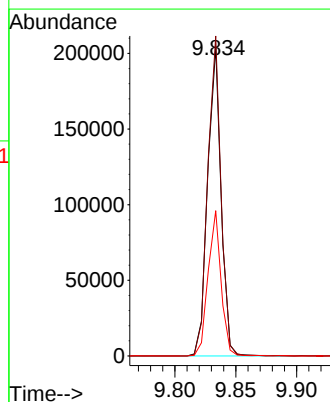
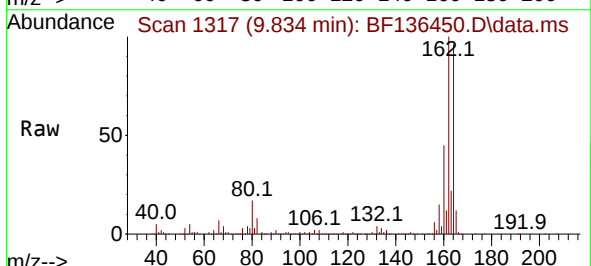
Tgt Ion: 164 Resp: 156296

Ion Ratio Lower Upper

164 100

162 103.7 84.4 126.6

160 47.1 37.6 56.4





#42

2,4,6-Tribromophenol

Concen: 31.216 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136450.D

Acq: 07 Dec 2023 16:53

Instrument :

BNA_F

ClientSampleId :

HD-02-120423

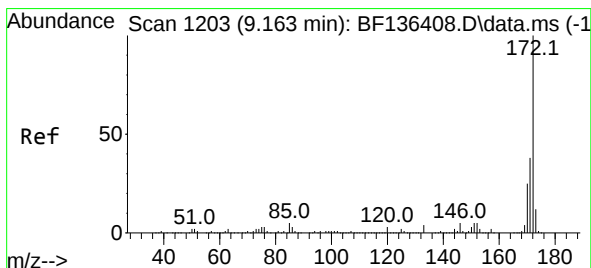
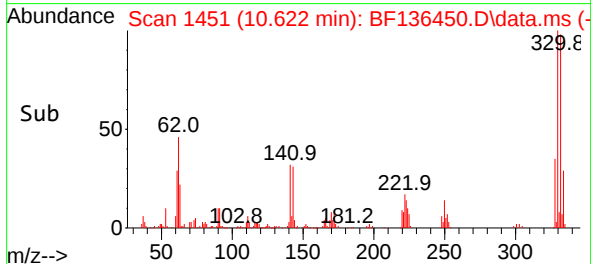
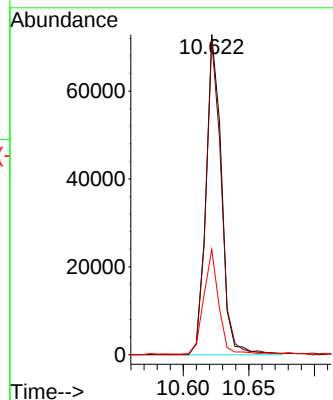
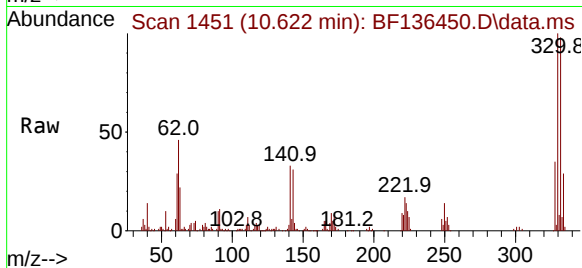
Tgt Ion:330 Resp: 60158

Ion Ratio Lower Upper

330 100

332 97.6 76.4 114.6

141 31.2 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 30.258 ng

RT: 9.151 min Scan# 1201

Delta R.T. -0.012 min

Lab File: BF136450.D

Acq: 07 Dec 2023 16:53

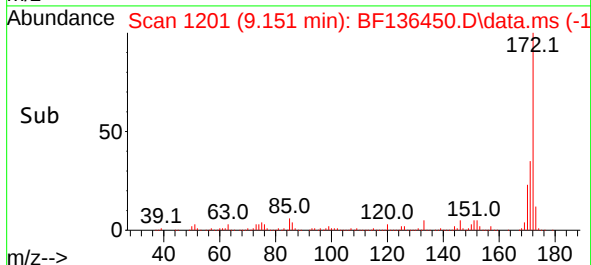
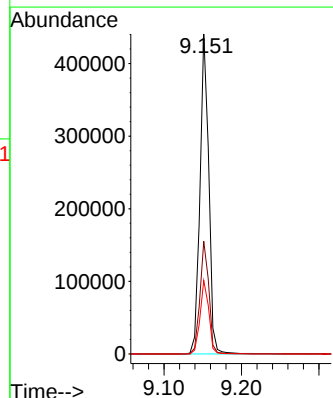
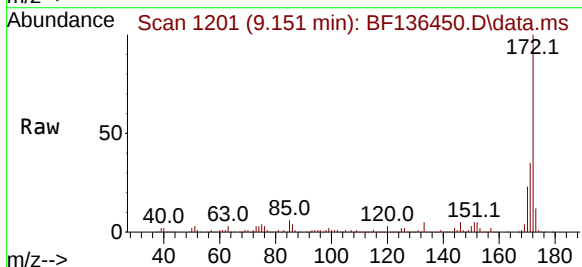
Tgt Ion:172 Resp: 346584

Ion Ratio Lower Upper

172 100

171 35.2 30.5 45.7

170 23.0 19.9 29.9

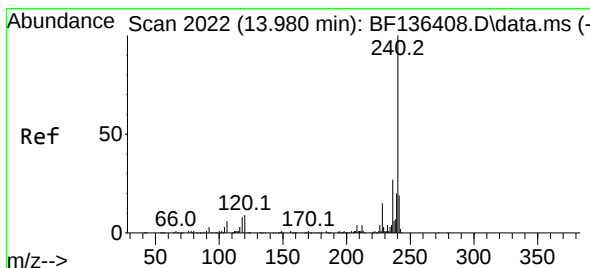
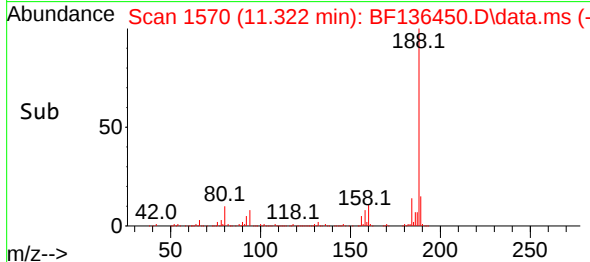
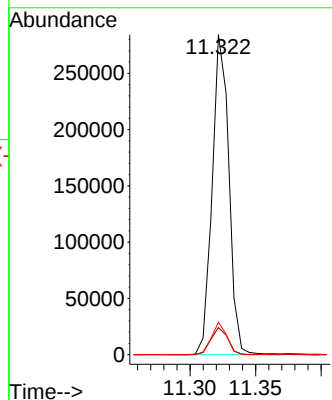
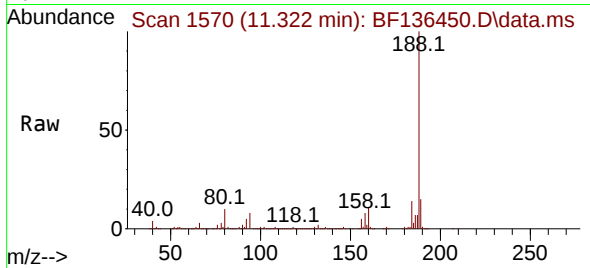




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136450.D
Acq: 07 Dec 2023 16:53

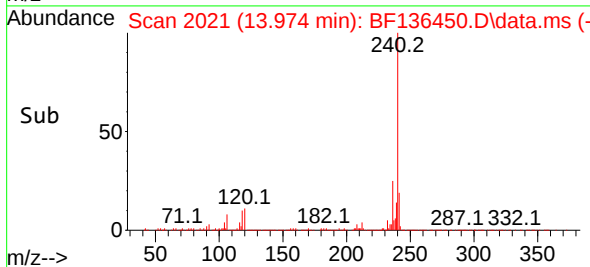
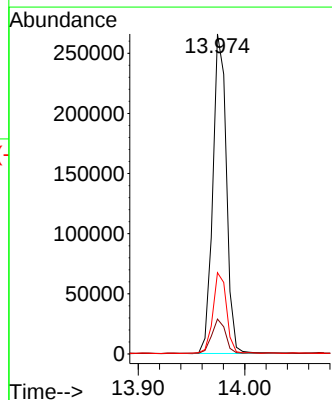
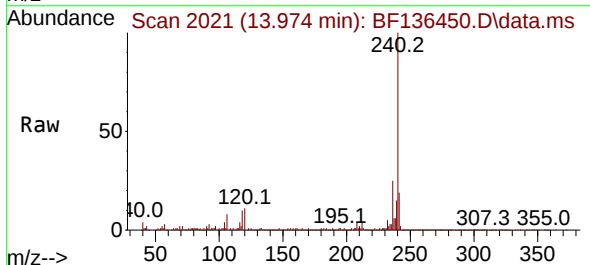
Instrument :
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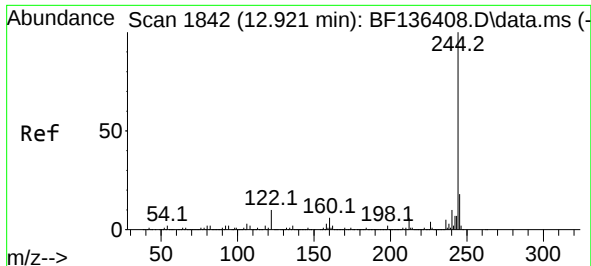
Tgt Ion:188 Resp: 251335
Ion Ratio Lower Upper
188 100
94 8.5 7.2 10.8
80 10.1 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF136450.D
Acq: 07 Dec 2023 16:53

Tgt Ion:240 Resp: 236038
Ion Ratio Lower Upper
240 100
120 10.9 7.3 10.9
236 25.4 21.3 31.9

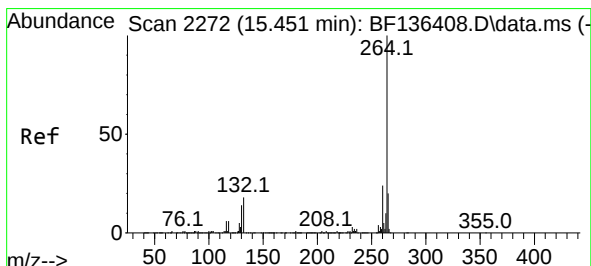
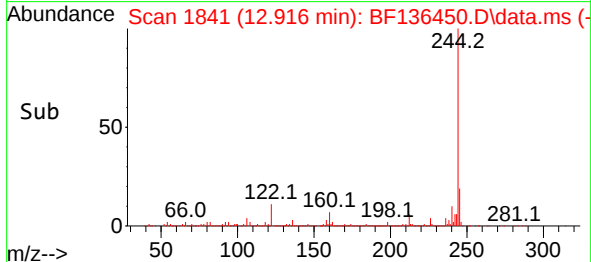
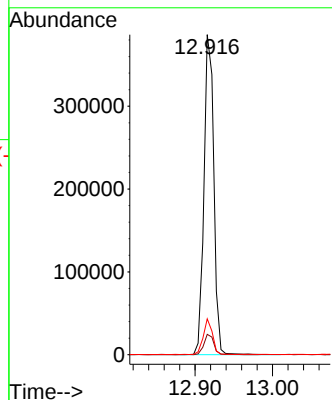
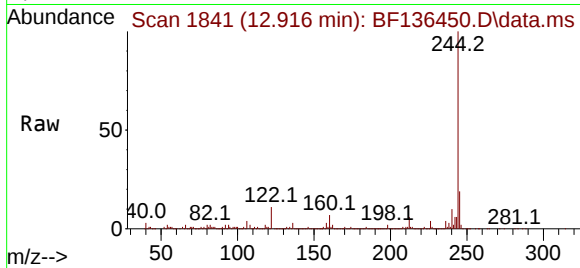




#79
 Terphenyl-d14
 Concen: 19.014 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF136450.D
 Acq: 07 Dec 2023 16:53

Instrument :
 BNA_F
 ClientSampleId :
 HD-02-120423

Tgt Ion:244 Resp: 340502
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.4
 122 11.2 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. 0.012 min
 Lab File: BF136450.D
 Acq: 07 Dec 2023 16:53

Tgt Ion:264 Resp: 188862
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 22.2 15.9 23.9

