

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011524\
 Data File : BF137066.D
 Acq On : 15 Jan 2024 16:39
 Operator : CG\JU
 Sample : P1136-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-C

Quant Time: Jan 15 17:06:26 2024
 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	44859	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	159289	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	73780	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	135182	20.000	ng	0.00
76) Chrysene-d12	13.969	240	123697	20.000	ng	0.00
86) Perylene-d12	15.463	264	126876	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	251248	87.389	ng	0.00
7) Phenol-d6	6.434	99	302165	81.110	ng	0.00
23) Nitrobenzene-d5	7.345	82	178021	57.189	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	74586	85.837	ng	0.00
45) 2-Fluorobiphenyl	9.134	172	344210	62.748	ng	-0.02
79) Terphenyl-d14	12.904	244	379907	42.920	ng	-0.01

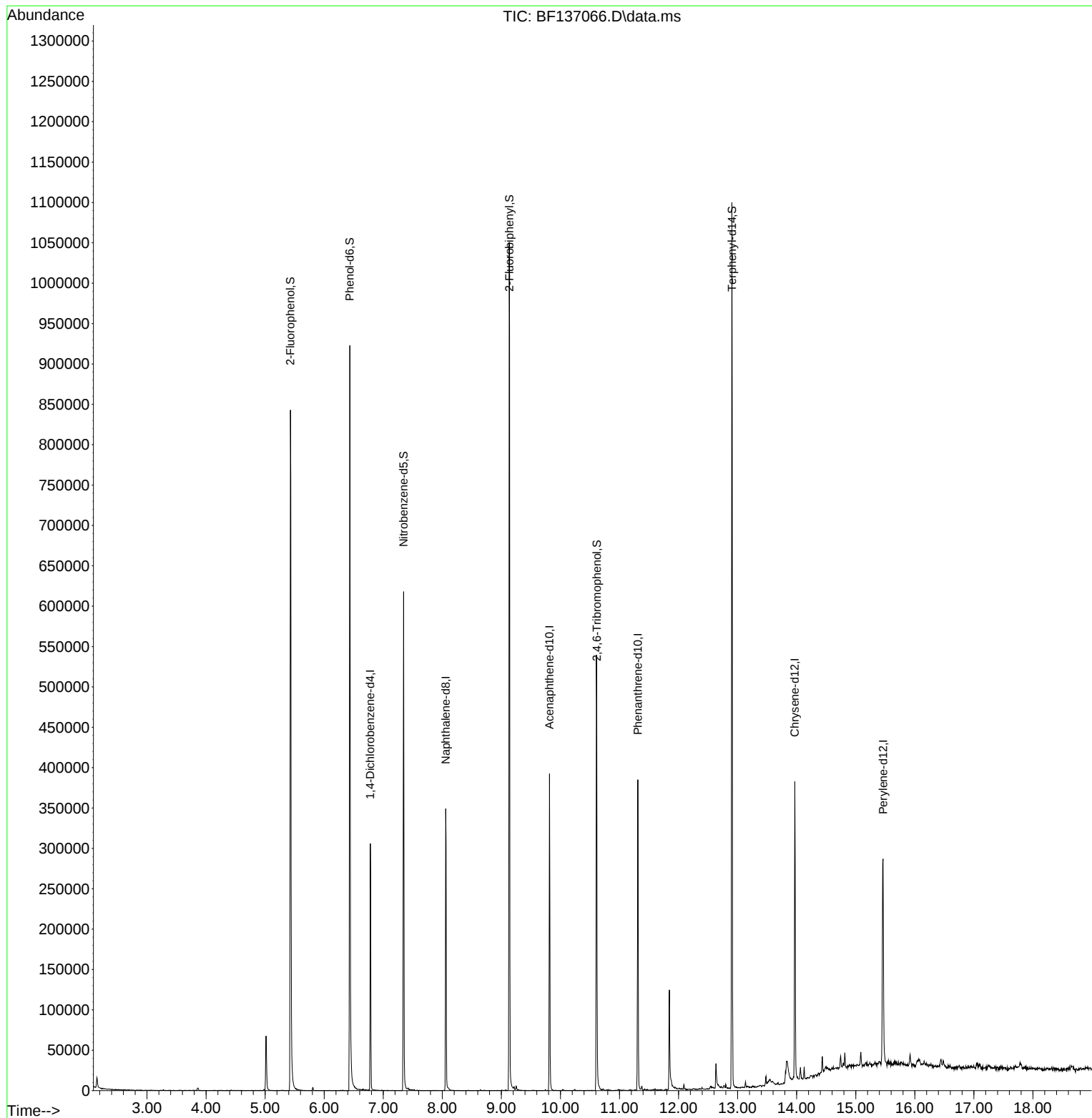
Target Compounds	Qvalue

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

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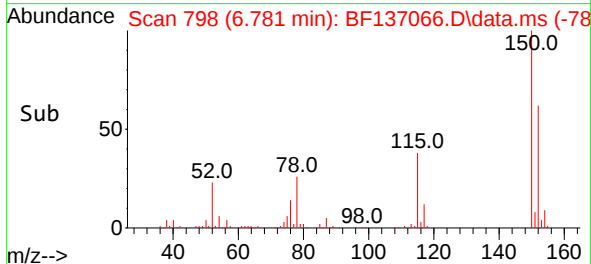
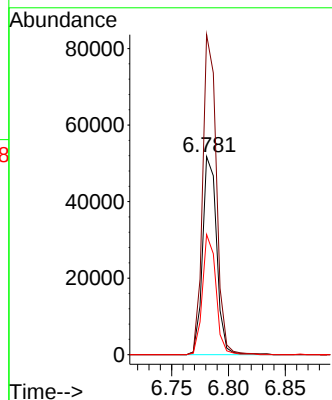
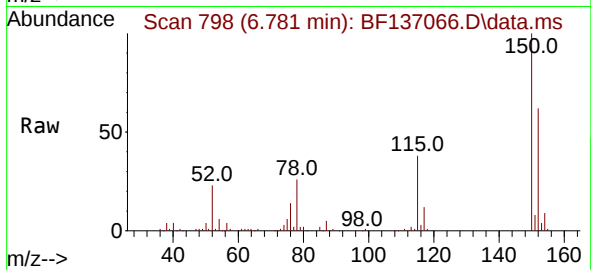




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 798
Delta R.T. -0.011 min
Lab File: BF137066.D
Acq: 15 Jan 2024 16:39

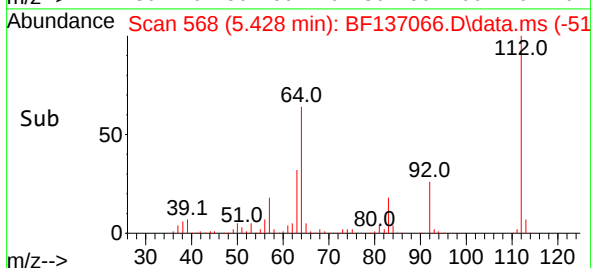
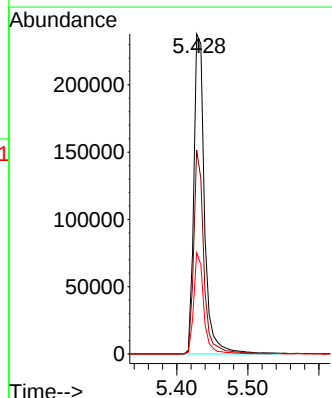
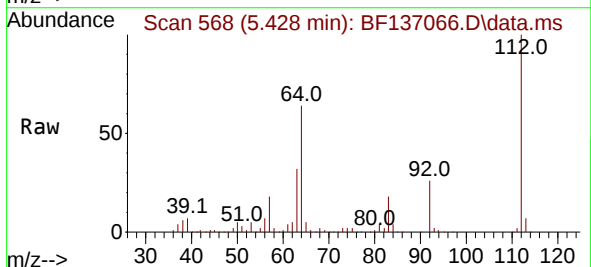
Instrument :
BNA_F
ClientSampleId :
MH-C

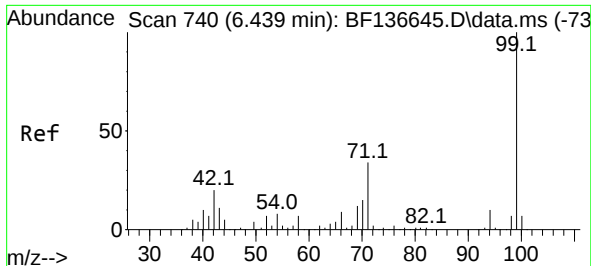
Tgt Ion:152 Resp: 44859
Ion Ratio Lower Upper
152 100
150 161.5 127.0 190.6
115 60.7 49.0 73.4



#5
2-Fluorophenol
Concen: 87.389 ng
RT: 5.428 min Scan# 568
Delta R.T. 0.000 min
Lab File: BF137066.D
Acq: 15 Jan 2024 16:39

Tgt Ion:112 Resp: 251248
Ion Ratio Lower Upper
112 100
64 63.7 51.1 76.7
63 31.6 26.1 39.1

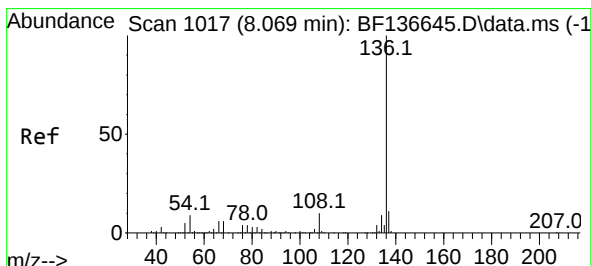
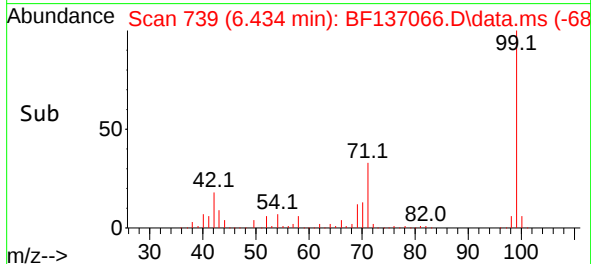
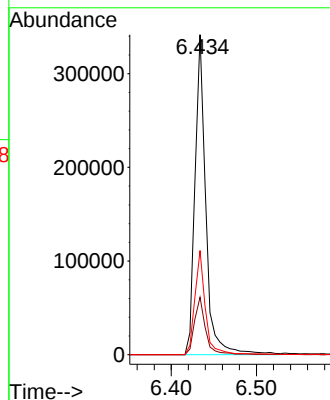
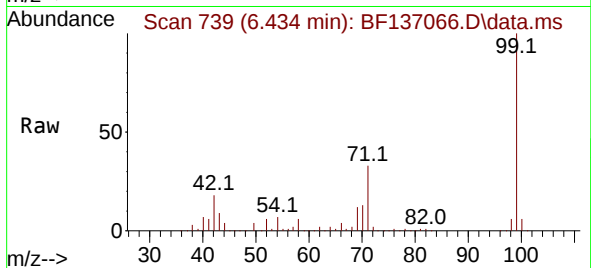




#7
Phenol-d6
Concen: 81.110 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137066.D
Acq: 15 Jan 2024 16:39

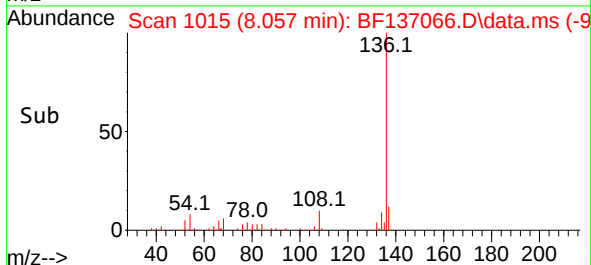
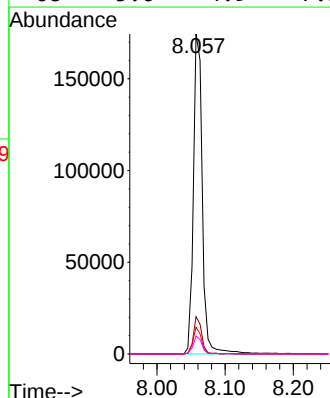
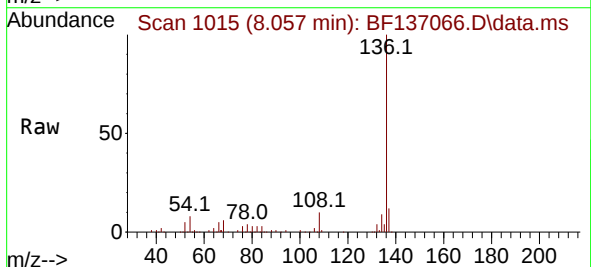
Instrument :
BNA_F
ClientSampleId :
MH-C

Tgt Ion: 99 Resp: 302165
Ion Ratio Lower Upper
99 100
42 18.0 16.1 24.1
71 32.5 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: BF137066.D
Acq: 15 Jan 2024 16:39

Tgt Ion: 136 Resp: 159289
Ion Ratio Lower Upper
136 100
137 11.7 9.0 13.4
54 8.3 7.2 10.8
68 5.6 4.9 7.3





#23

Nitrobenzene-d5

Concen: 57.189 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF137066.D

Acq: 15 Jan 2024 16:39

Instrument :

BNA_F

ClientSampleId :

MH-C

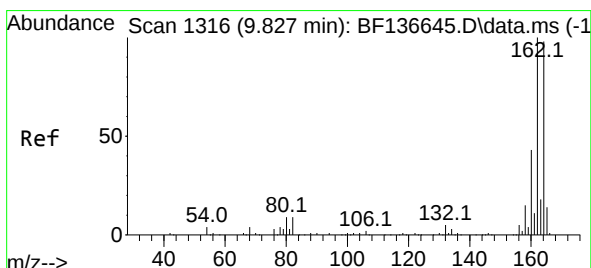
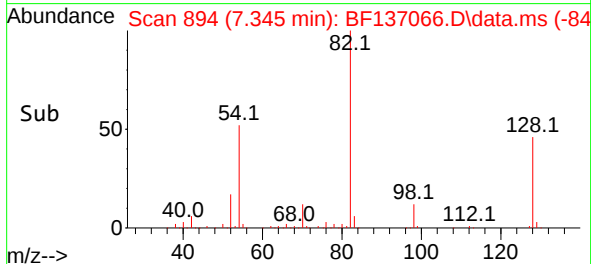
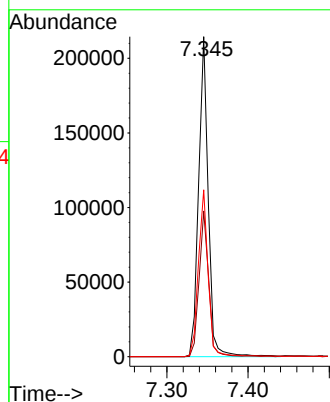
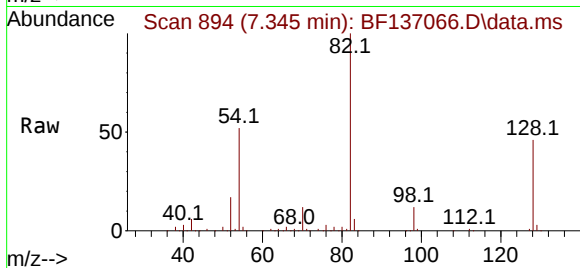
Tgt Ion: 82 Resp: 178021

Ion Ratio Lower Upper

82 100

128 45.5 35.3 52.9

54 52.1 44.5 66.7



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.012 min

Lab File: BF137066.D

Acq: 15 Jan 2024 16:39

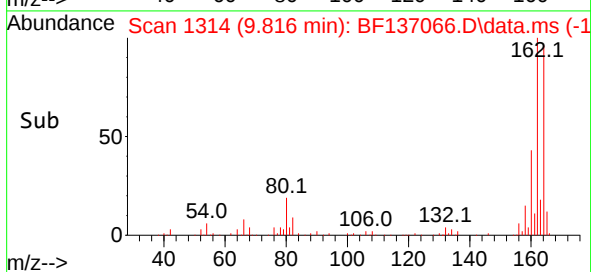
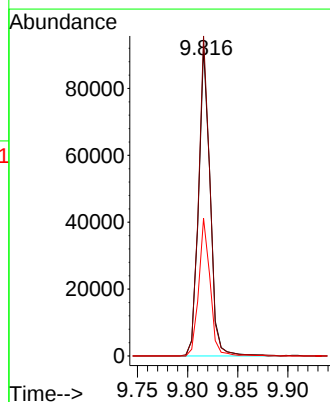
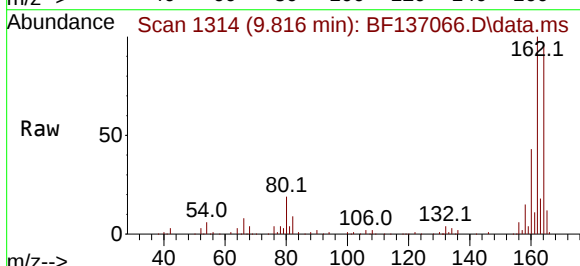
Tgt Ion:164 Resp: 73780

Ion Ratio Lower Upper

164 100

162 103.8 81.6 122.4

160 44.6 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 85.837 ng

RT: 10.616 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF137066.D

Acq: 15 Jan 2024 16:39

Instrument :

BNA_F

ClientSampleId :

MH-C

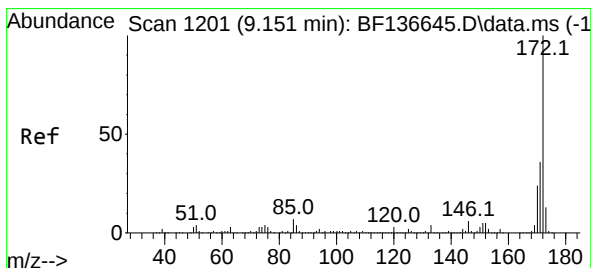
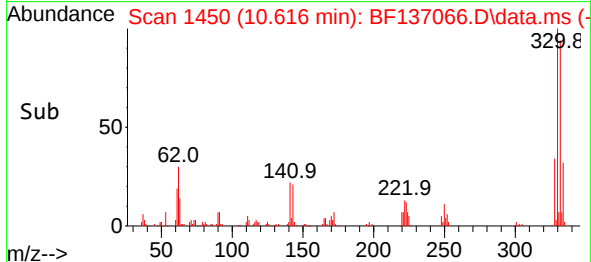
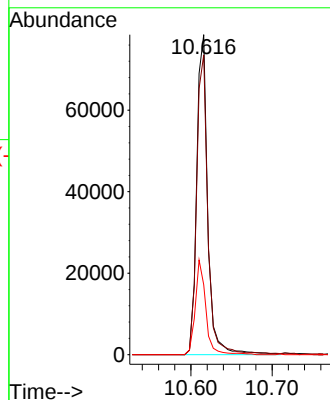
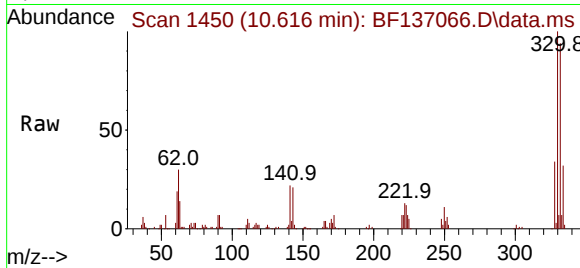
Tgt Ion:330 Resp: 74586

Ion Ratio Lower Upper

330 100

332 95.7 77.4 116.0

141 28.3 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 62.748 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.017 min

Lab File: BF137066.D

Acq: 15 Jan 2024 16:39

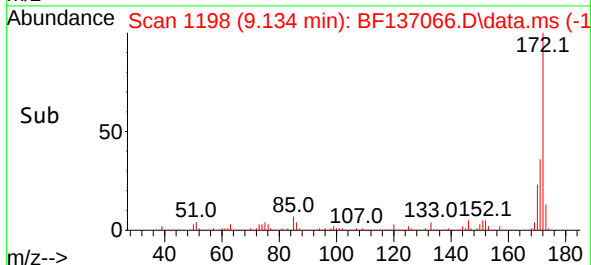
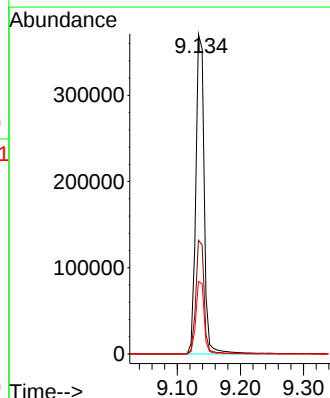
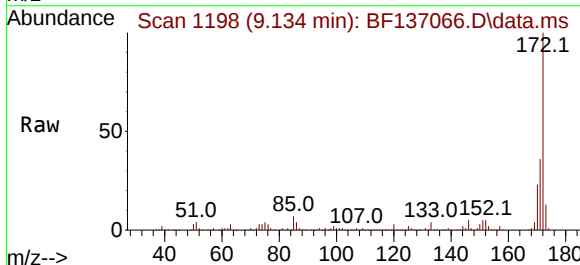
Tgt Ion:172 Resp: 344210

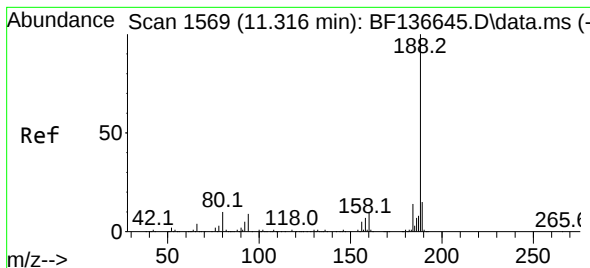
Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.6

170 22.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137066.D

Acq: 15 Jan 2024 16:39

Instrument :

BNA_F

ClientSampleId :

MH-C

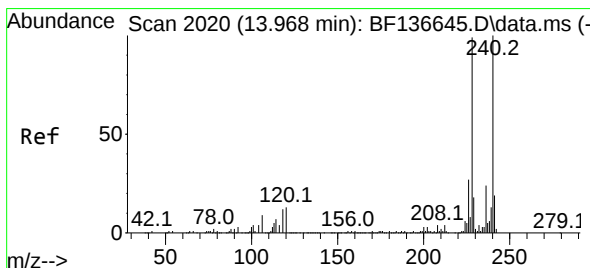
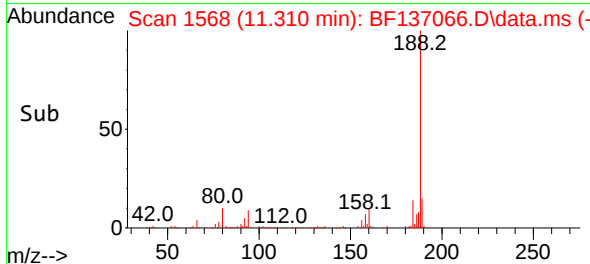
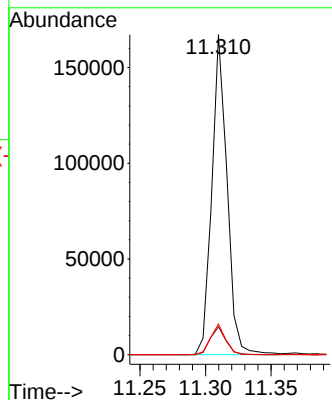
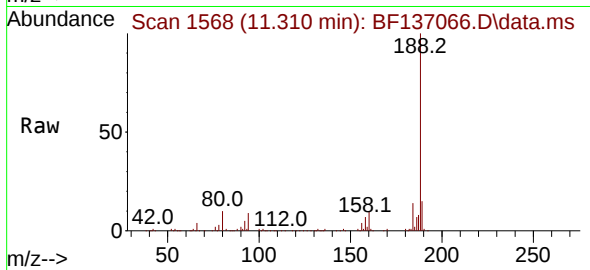
Tgt Ion:188 Resp: 135182

Ion Ratio Lower Upper

188 100

94 8.7 7.5 11.3

80 9.6 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF137066.D

Acq: 15 Jan 2024 16:39

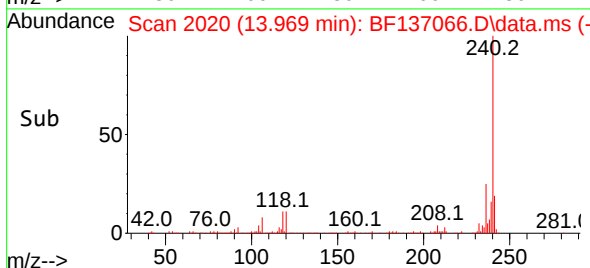
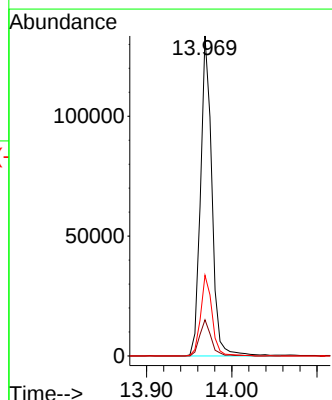
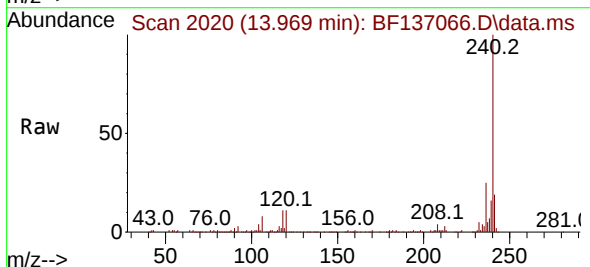
Tgt Ion:240 Resp: 123697

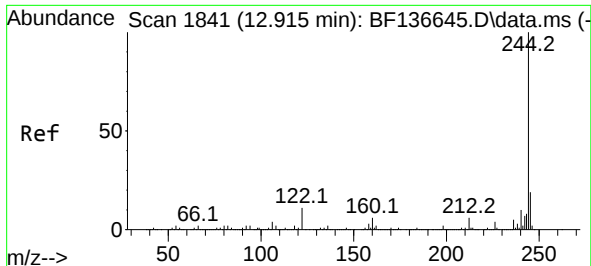
Ion Ratio Lower Upper

240 100

120 11.3 10.3 15.5

236 25.2 19.4 29.2

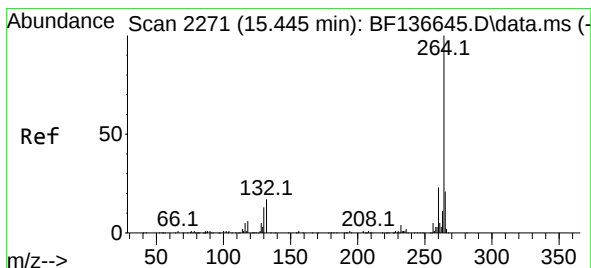
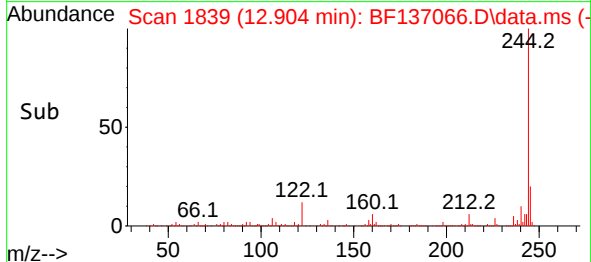
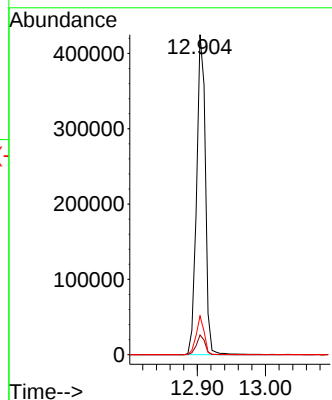
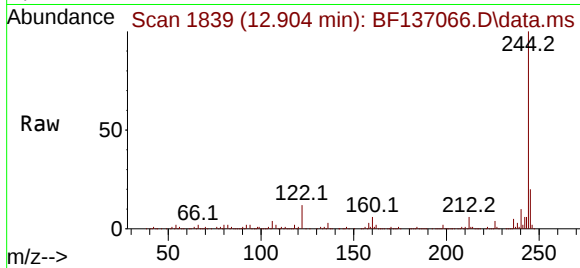




#79
 Terphenyl-d14
 Concen: 42.920 ng
 RT: 12.904 min Scan# 1839
 Delta R.T. -0.012 min
 Lab File: BF137066.D
 Acq: 15 Jan 2024 16:39

Instrument :
 BNA_F
 ClientSampleId :
 MH-C

Tgt Ion:244 Resp: 379907
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 12.1 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.463 min Scan# 2274
 Delta R.T. 0.018 min
 Lab File: BF137066.D
 Acq: 15 Jan 2024 16:39

Tgt Ion:264 Resp: 126876
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.3 27.5
 265 22.0 17.0 25.6

