

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
 Data File : BF137104.D
 Acq On : 17 Jan 2024 20:33
 Operator : CG\JU
 Sample : P1150-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-306-25-27

Quant Time: Jan 18 01:17:57 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	6.787	152	66636	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	256242	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	127143	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	205600	20.000	ng	0.00
76) Chrysene-d12	13.974	240	113042	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	107305	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	534763	125.215	ng	0.02
7) Phenol-d6	6.440	99	624839	112.912	ng	0.00
23) Nitrobenzene-d5	7.351	82	454638	90.790	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	189141	126.314	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	916338	96.935	ng	-0.01
79) Terphenyl-d14	12.910	244	711630	87.974	ng	0.00

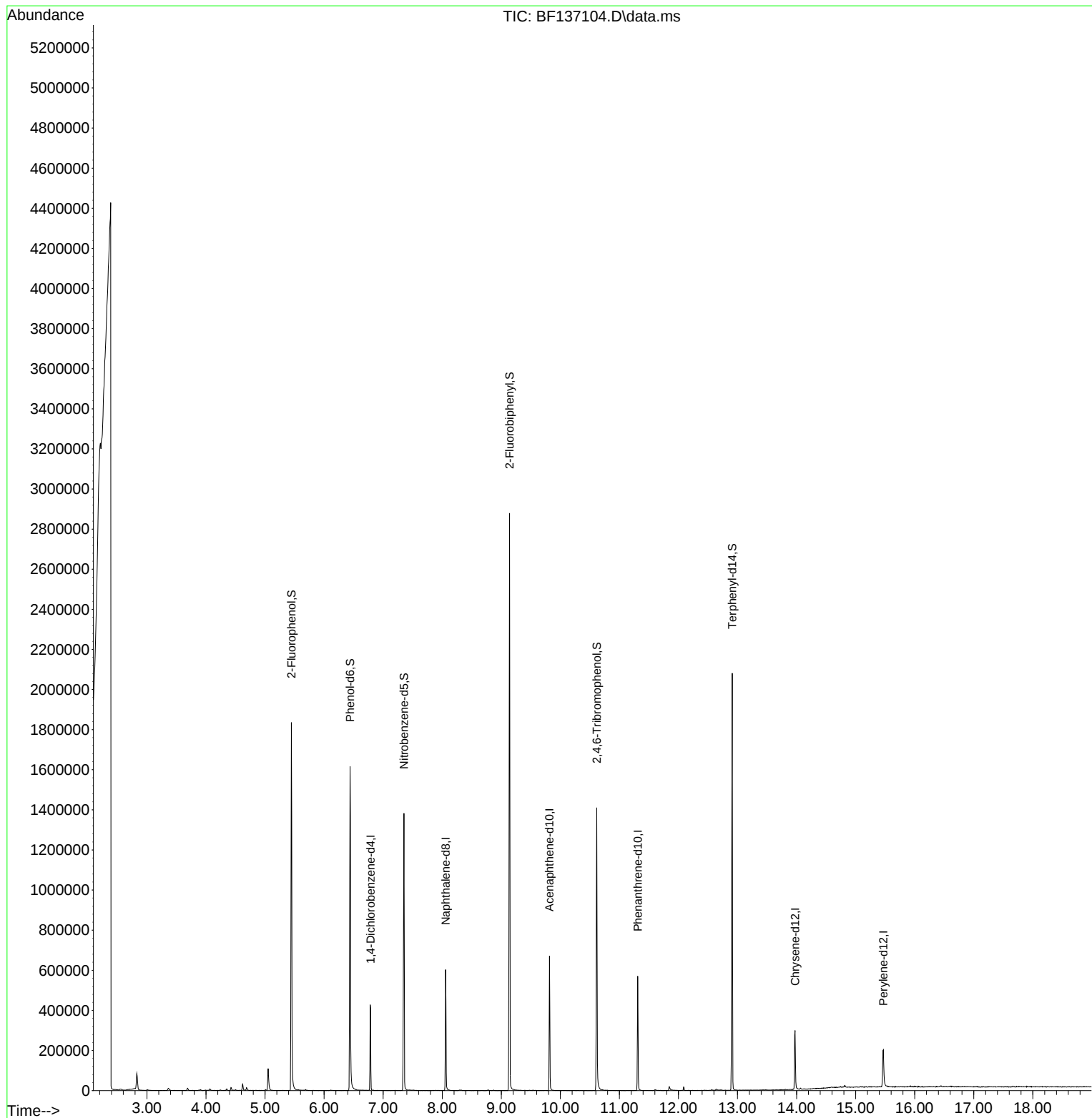
Target Compounds Qvalue

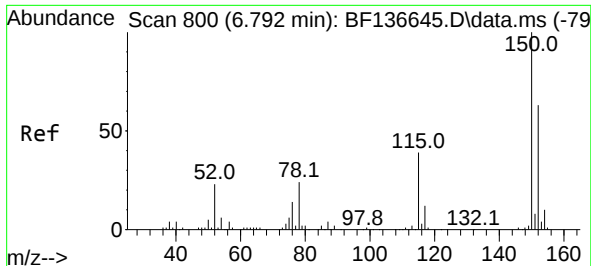
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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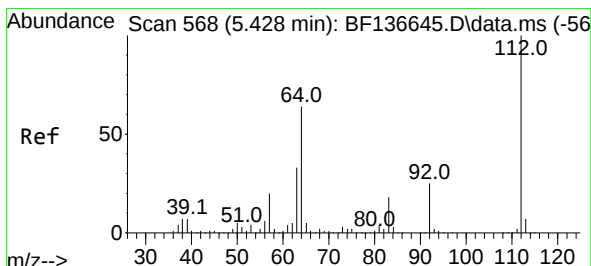
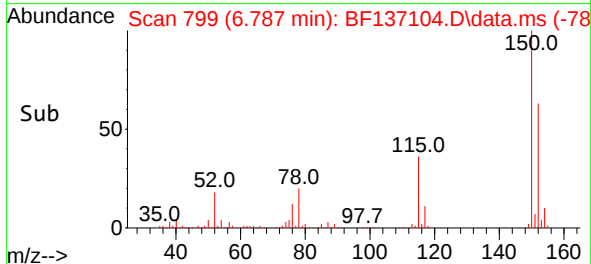
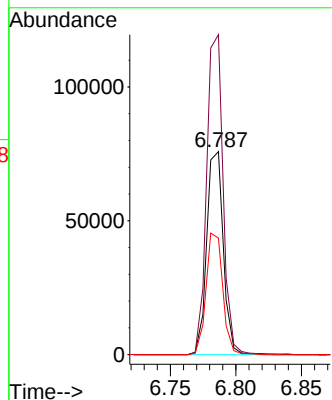
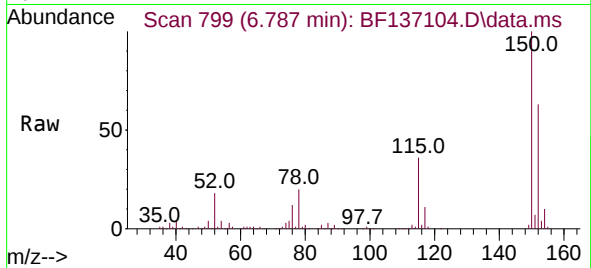




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 799
Delta R.T. -0.005 min
Lab File: BF137104.D
Acq: 17 Jan 2024 20:33

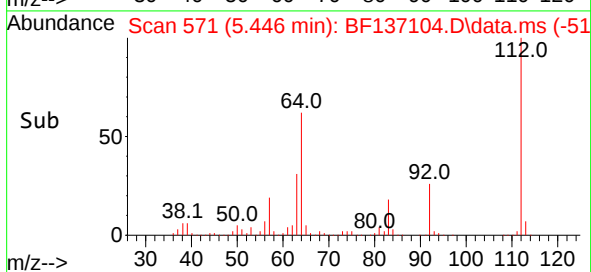
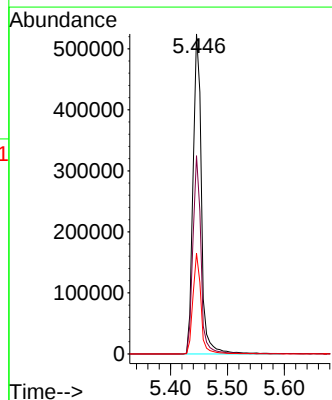
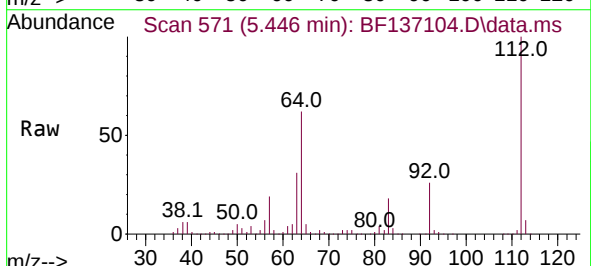
Instrument :
BNA_F
ClientSampleId :
MR-306-25-27

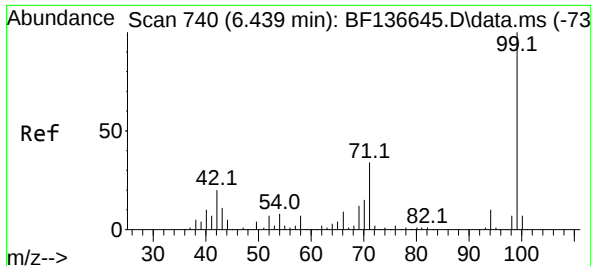
Tgt Ion:152 Resp: 66636
Ion Ratio Lower Upper
152 100
150 157.7 127.0 190.6
115 57.5 49.0 73.4



#5
2-Fluorophenol
Concen: 125.215 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF137104.D
Acq: 17 Jan 2024 20:33

Tgt Ion:112 Resp: 534763
Ion Ratio Lower Upper
112 100
64 61.9 51.1 76.7
63 31.4 26.1 39.1





#7

Phenol-d6

Concen: 112.912 ng

RT: 6.440 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF137104.D

Acq: 17 Jan 2024 20:33

Instrument :

BNA_F

ClientSampleId :

MR-306-25-27

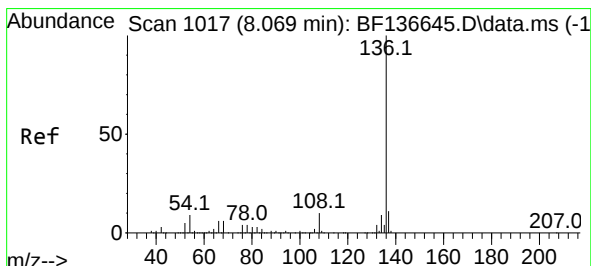
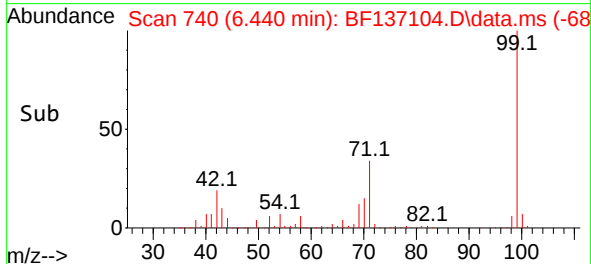
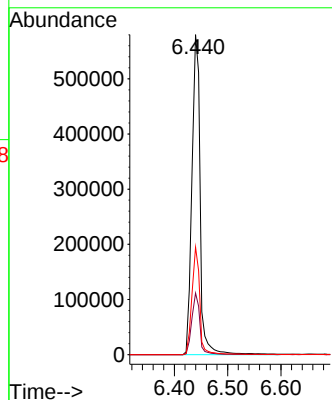
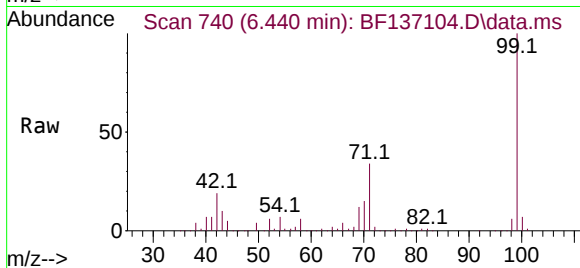
Tgt Ion: 99 Resp: 624839

Ion Ratio Lower Upper

99 100

42 19.2 16.1 24.1

71 33.6 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: BF137104.D

Acq: 17 Jan 2024 20:33

Tgt Ion: 136 Resp: 256242

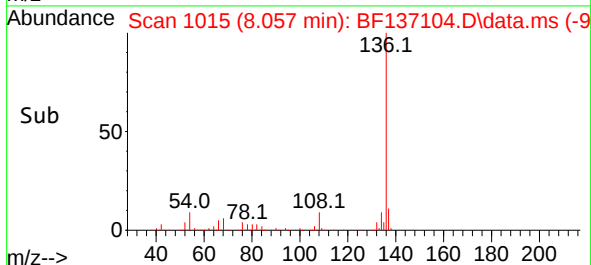
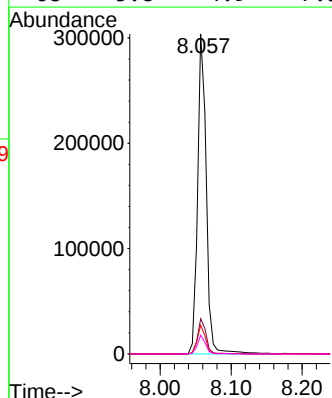
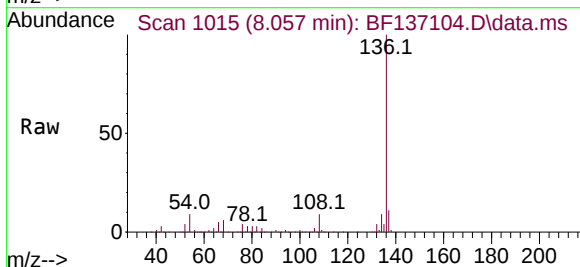
Ion Ratio Lower Upper

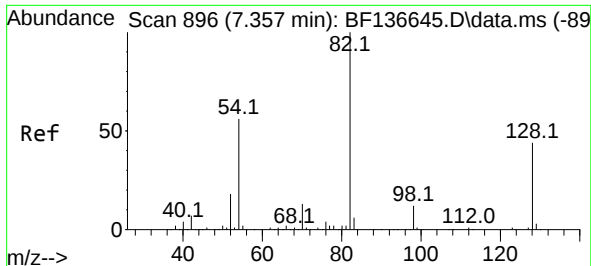
136 100

137 11.0 9.0 13.4

54 8.9 7.2 10.8

68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 90.790 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF137104.D

Acq: 17 Jan 2024 20:33

Instrument :

BNA_F

ClientSampleId :

MR-306-25-27

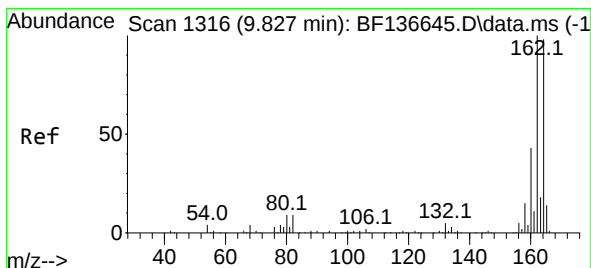
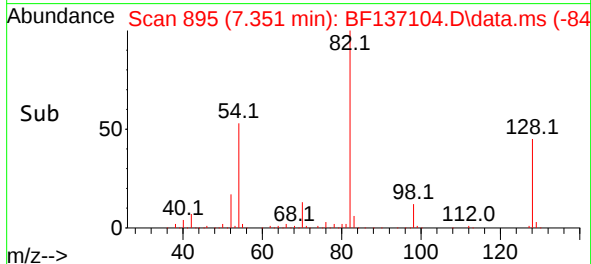
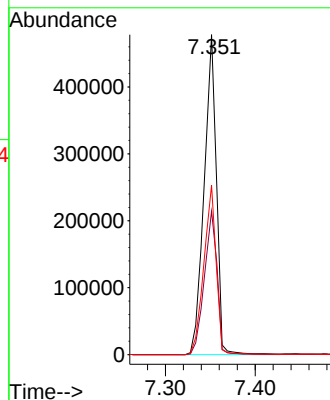
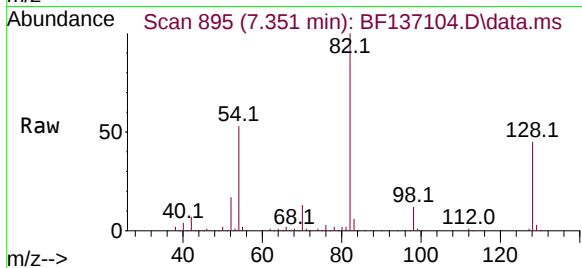
Tgt Ion: 82 Resp: 454638

Ion Ratio Lower Upper

82 100

128 44.8 35.3 52.9

54 53.0 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: BF137104.D

Acq: 17 Jan 2024 20:33

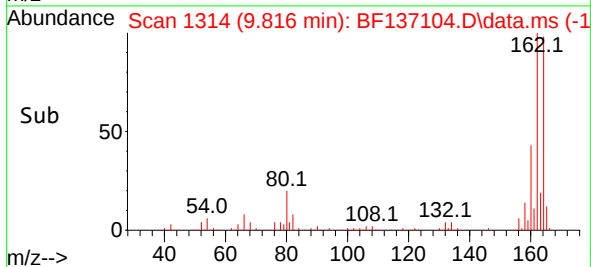
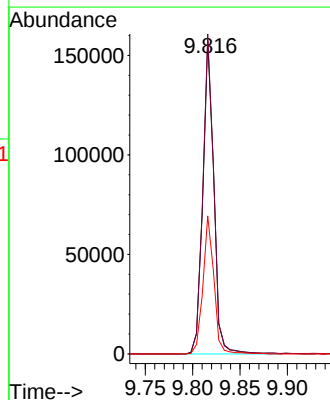
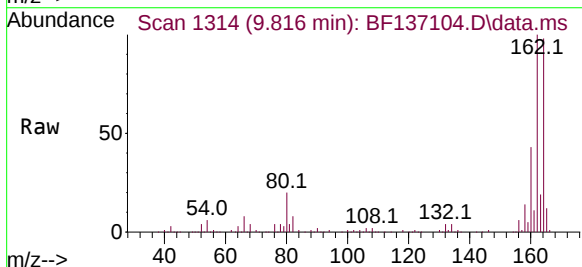
Tgt Ion:164 Resp: 127143

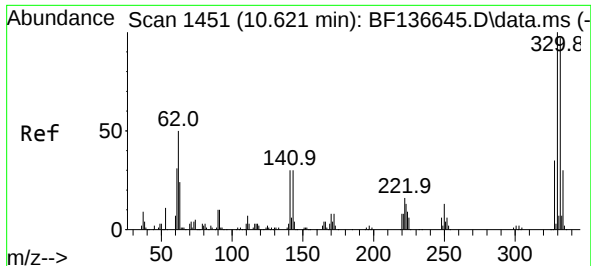
Ion Ratio Lower Upper

164 100

162 102.2 81.6 122.4

160 44.0 34.9 52.3

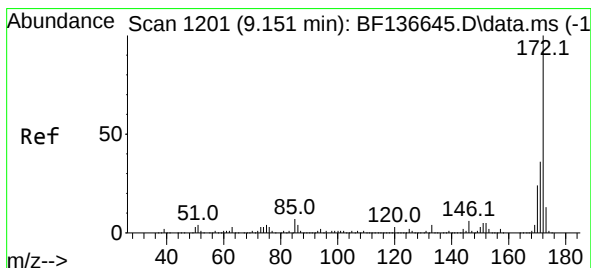
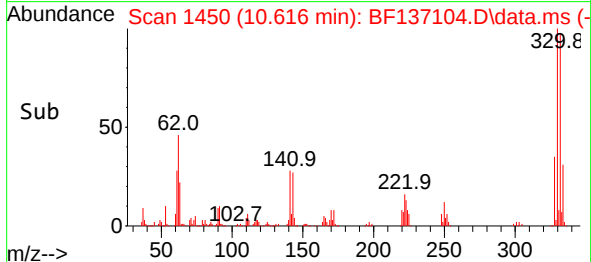
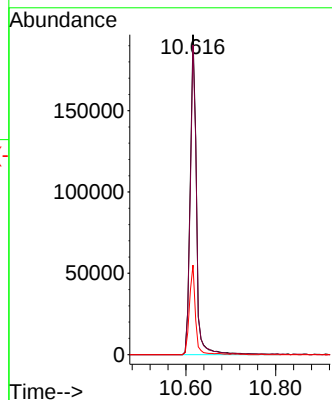
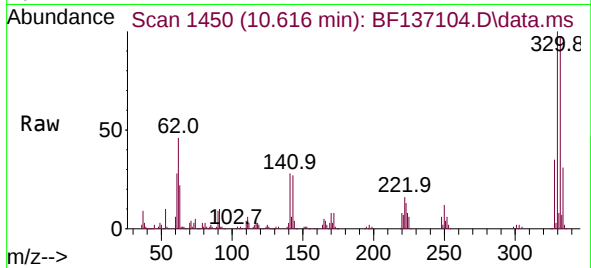




#42
2,4,6-Tribromophenol
Concen: 126.314 ng
RT: 10.616 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF137104.D
Acq: 17 Jan 2024 20:33

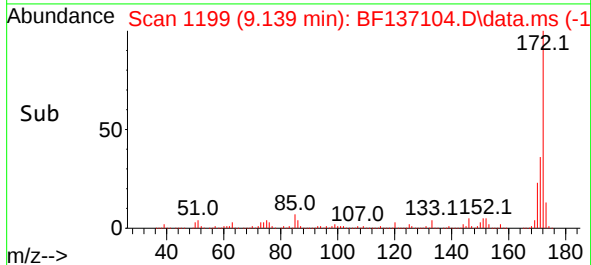
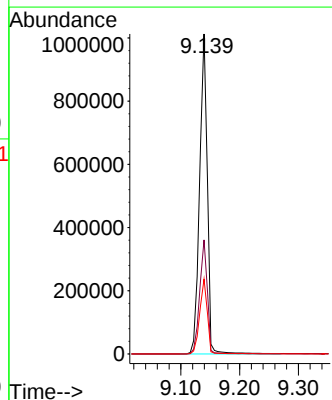
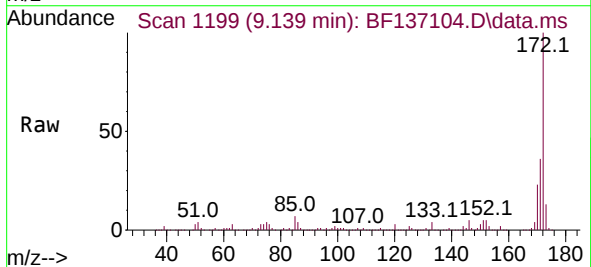
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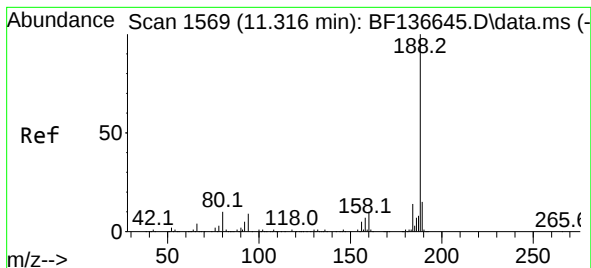
Tgt Ion:330 Resp: 189141
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 27.0 23.4 35.2



#45
2-Fluorobiphenyl
Concen: 96.935 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF137104.D
Acq: 17 Jan 2024 20:33

Tgt Ion:172 Resp: 916338
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 23.4 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF137104.D

Acq: 17 Jan 2024 20:33

Instrument :

BNA_F

ClientSampleId :

MR-306-25-27

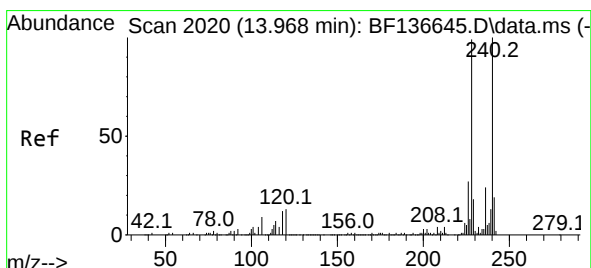
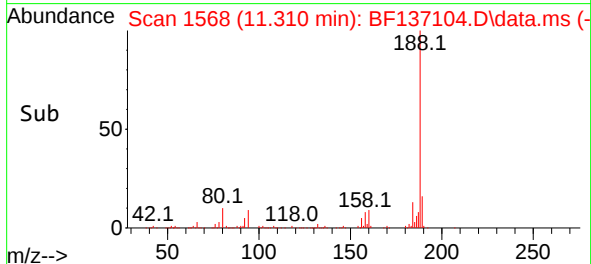
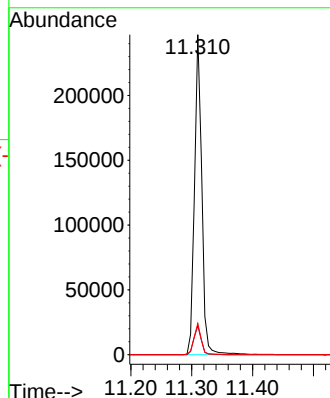
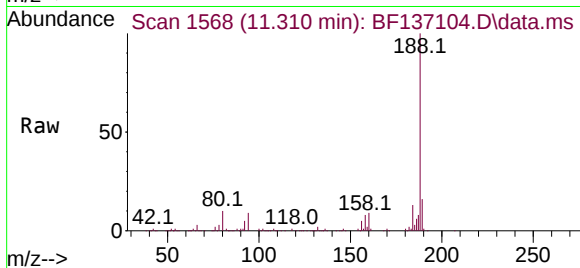
Tgt Ion:188 Resp: 205600

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 9.8 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF137104.D

Acq: 17 Jan 2024 20:33

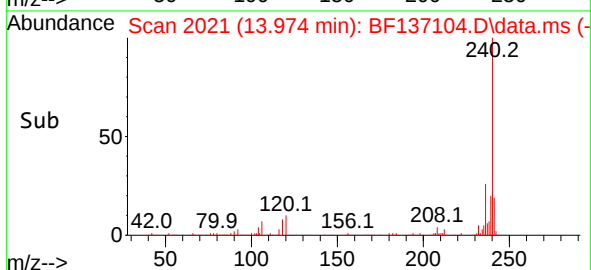
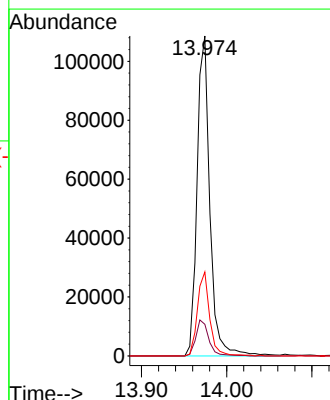
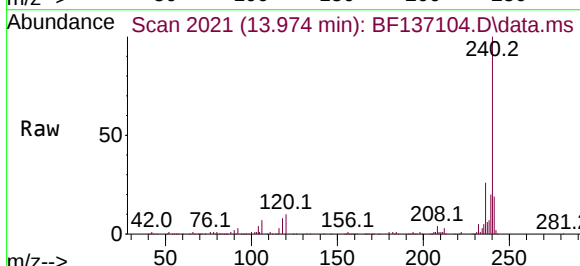
Tgt Ion:240 Resp: 113042

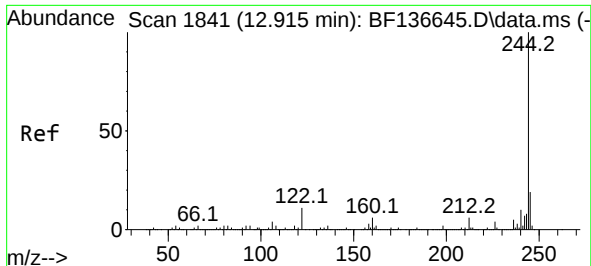
Ion Ratio Lower Upper

240 100

120 9.9 10.3 15.5#

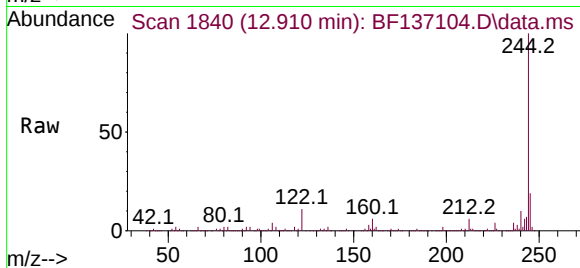
236 26.3 19.4 29.2



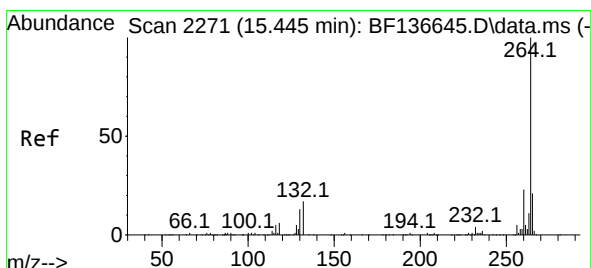
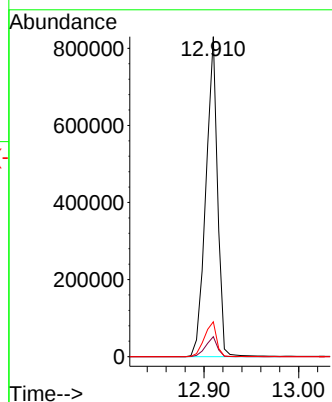
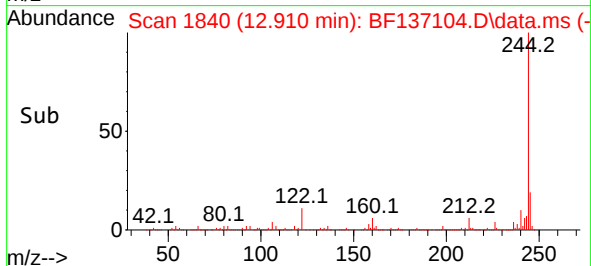


#79
 Terphenyl-d14
 Concen: 87.974 ng
 RT: 12.910 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137104.D
 Acq: 17 Jan 2024 20:33

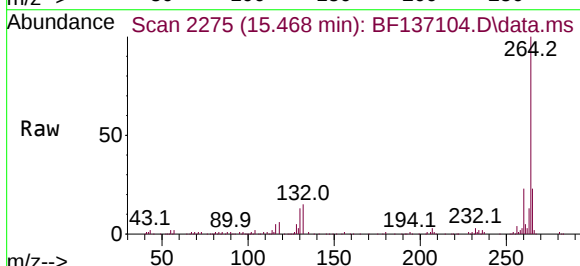
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 MR-306-25-27



Tgt Ion:244 Resp: 711630
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.0 7.4
 122 10.9 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.468 min Scan# 2275
 Delta R.T. 0.024 min
 Lab File: BF137104.D
 Acq: 17 Jan 2024 20:33



Tgt Ion:264 Resp: 107305
 Ion Ratio Lower Upper
 264 100
 260 23.0 18.3 27.5
 265 22.5 17.0 25.6

