

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
 Data File : BF137097.D
 Acq On : 17 Jan 2024 17:07
 Operator : CG\JU
 Sample : P1139-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-314-0-2

Quant Time: Jan 17 17:28:01 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	50298	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	175180	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	81882	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	133754	20.000	ng	0.00
76) Chrysene-d12	13.974	240	116087	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	105859	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	375065	116.348	ng	0.02
7) Phenol-d6	6.440	99	401436	96.105	ng	0.00
23) Nitrobenzene-d5	7.351	82	297128	86.793	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	114542	118.777	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	578721	95.060	ng	-0.01
79) Terphenyl-d14	12.910	244	561710	67.619	ng	0.00

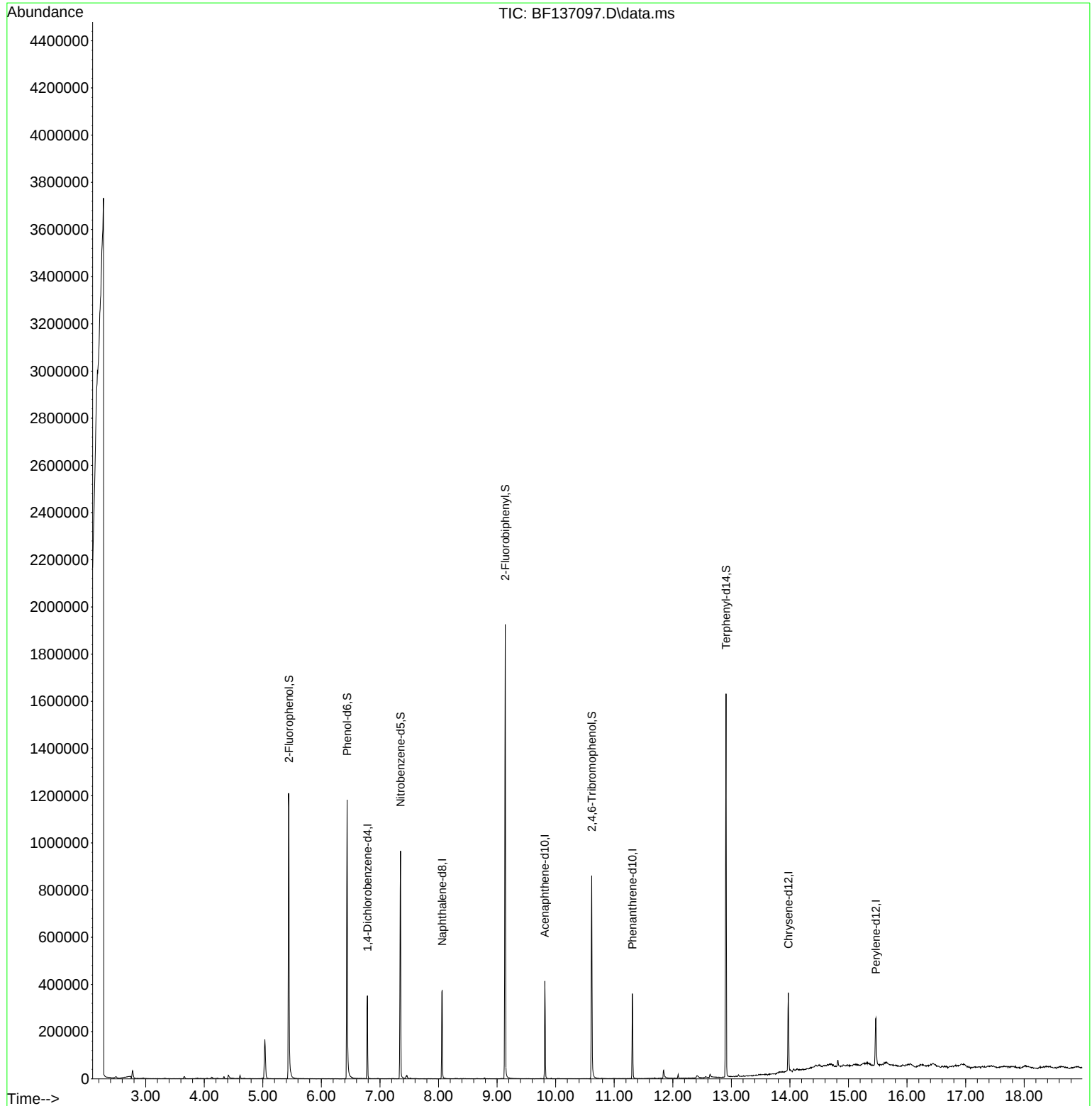
Target Compounds Qvalue

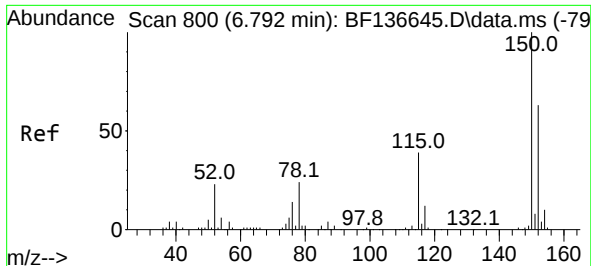
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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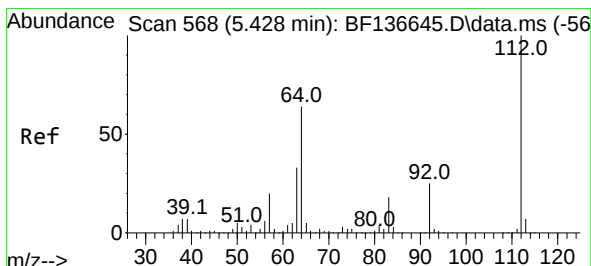
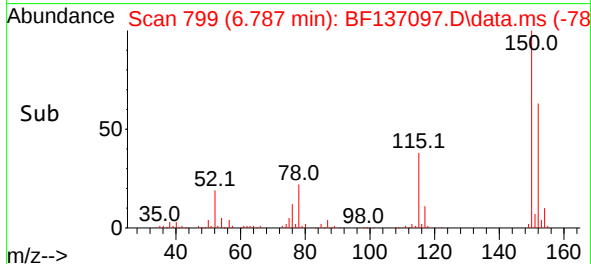
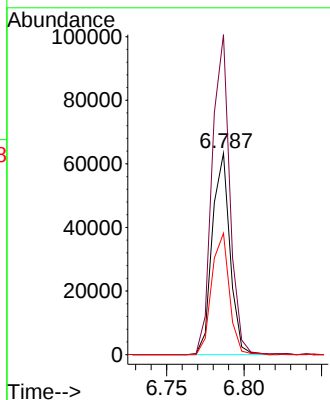
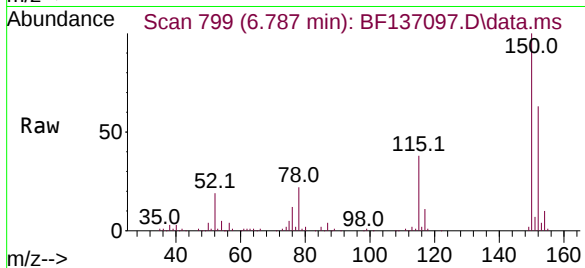




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF137097.D
Acq: 17 Jan 2024 17:07

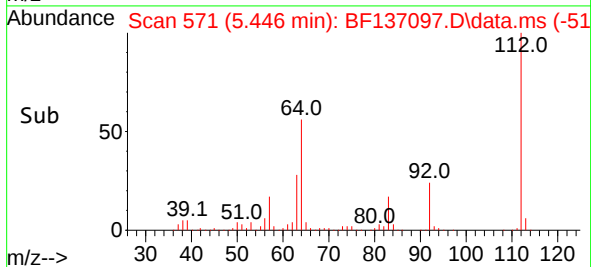
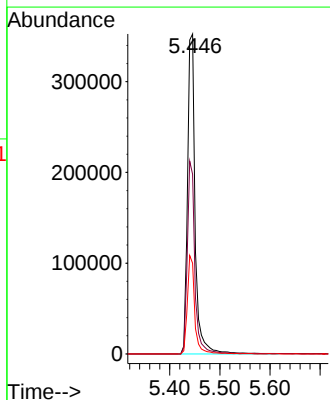
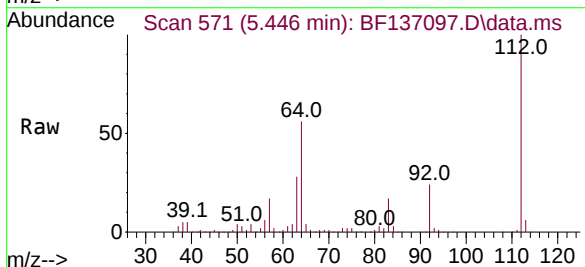
Instrument :
BNA_F
ClientSampleId :
MR-314-0-2

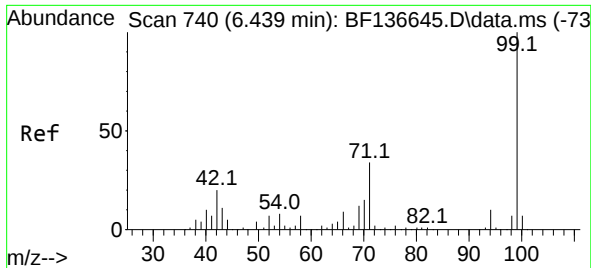
Tgt Ion:152 Resp: 50298
Ion Ratio Lower Upper
152 100
150 158.9 127.0 190.6
115 60.3 49.0 73.4



#5
2-Fluorophenol
Concen: 116.348 ng
RT: 5.446 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF137097.D
Acq: 17 Jan 2024 17:07

Tgt Ion:112 Resp: 375065
Ion Ratio Lower Upper
112 100
64 56.1 51.1 76.7
63 28.3 26.1 39.1





#7

Phenol-d6

Concen: 96.105 ng

RT: 6.440 min Scan# 74

Delta R.T. 0.000 min

Lab File: BF137097.D

Acq: 17 Jan 2024 17:07

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2

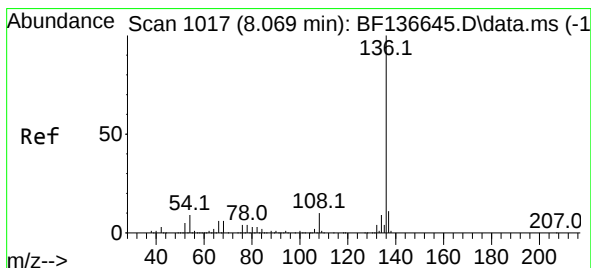
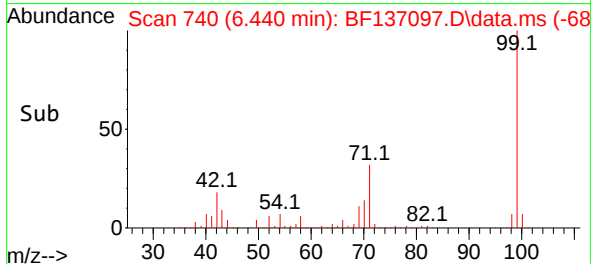
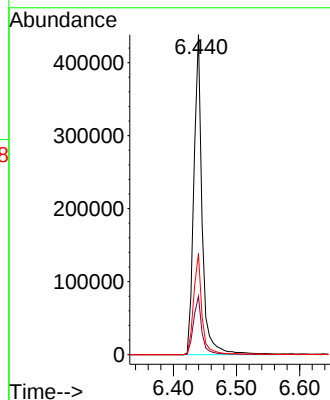
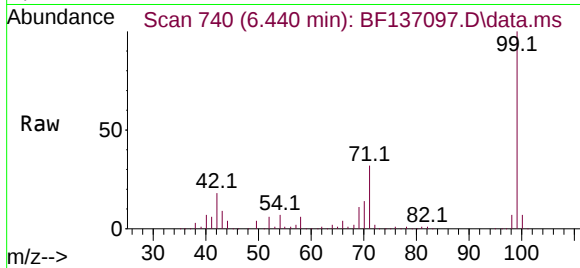
Tgt Ion: 99 Resp: 401436

Ion Ratio Lower Upper

99 100

42 18.2 16.1 24.1

71 31.6 27.4 41.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.063 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF137097.D

Acq: 17 Jan 2024 17:07

Tgt Ion: 136 Resp: 175180

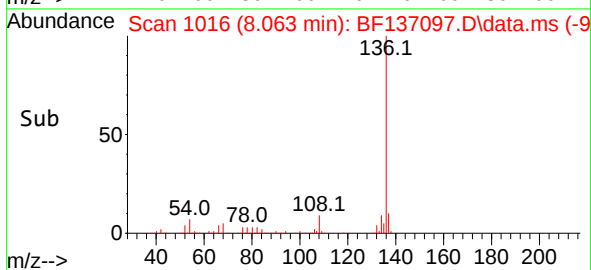
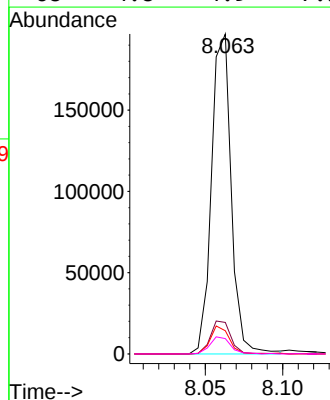
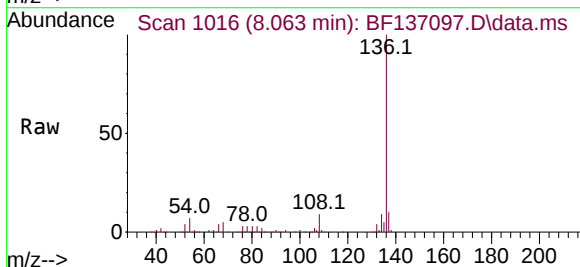
Ion Ratio Lower Upper

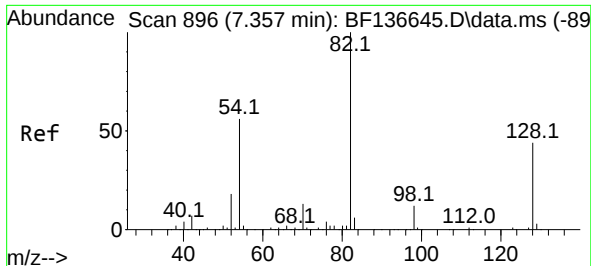
136 100

137 9.8 9.0 13.4

54 7.2 7.2 10.8

68 4.8 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 86.793 ng

RT: 7.351 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF137097.D

Acq: 17 Jan 2024 17:07

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2

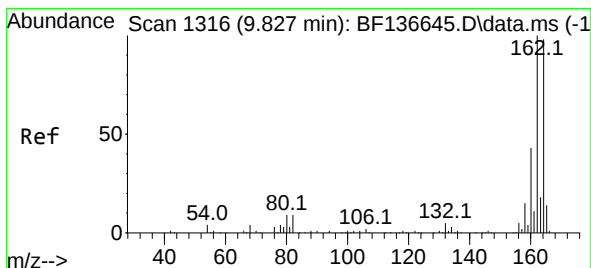
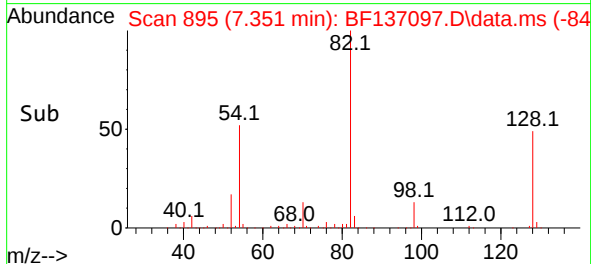
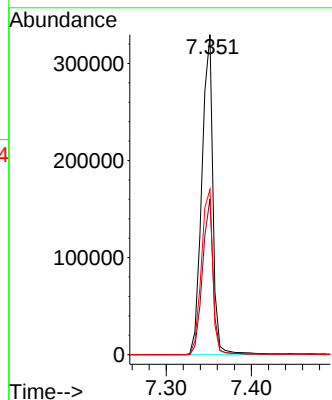
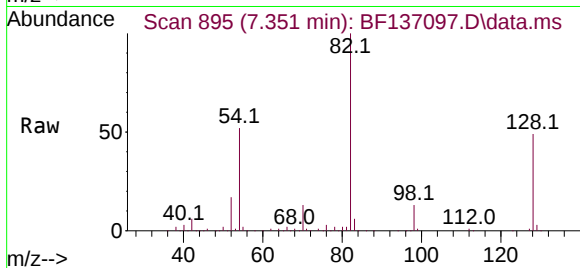
Tgt Ion: 82 Resp: 297128

Ion Ratio Lower Upper

82 100

128 48.7 35.3 52.9

54 51.6 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: BF137097.D

Acq: 17 Jan 2024 17:07

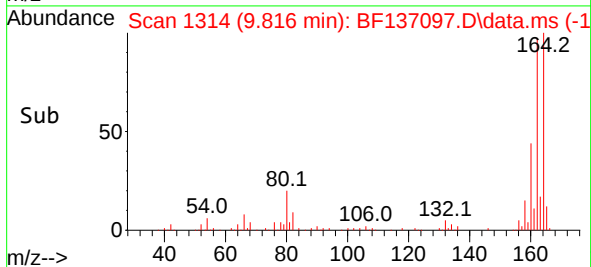
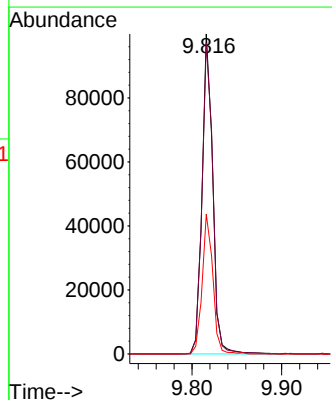
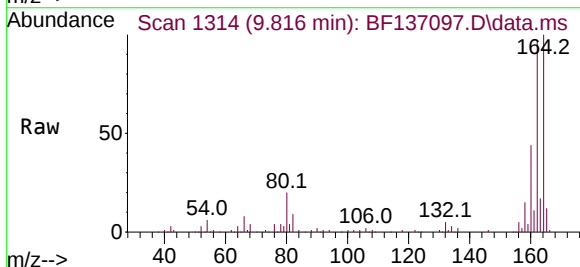
Tgt Ion:164 Resp: 81882

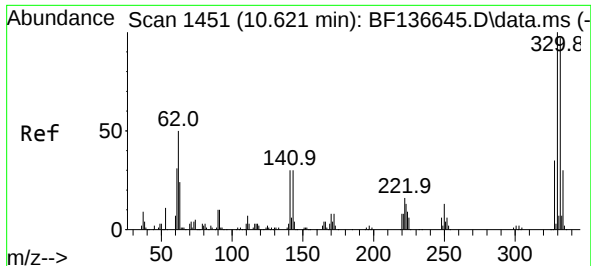
Ion Ratio Lower Upper

164 100

162 97.1 81.6 122.4

160 43.7 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 118.777 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF137097.D

Acq: 17 Jan 2024 17:07

Instrument :

BNA_F

ClientSampleId :

MR-314-0-2

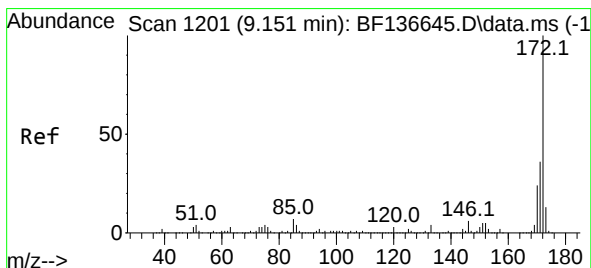
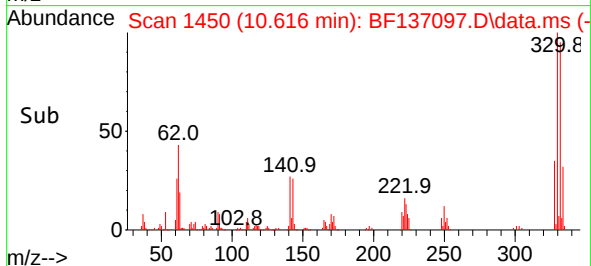
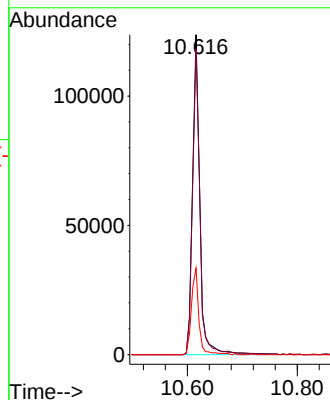
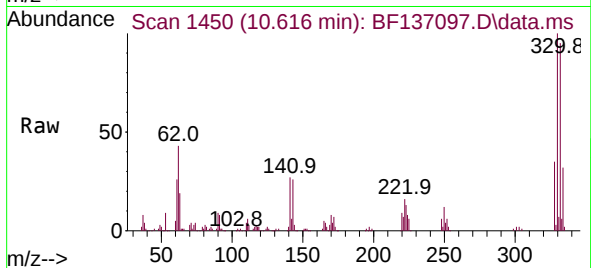
Tgt Ion:330 Resp: 114542

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.0

141 27.3 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 95.060 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF137097.D

Acq: 17 Jan 2024 17:07

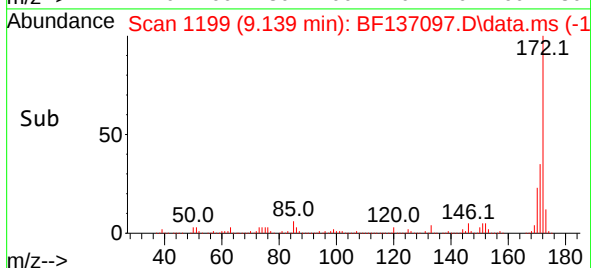
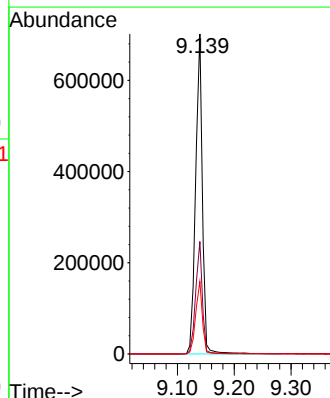
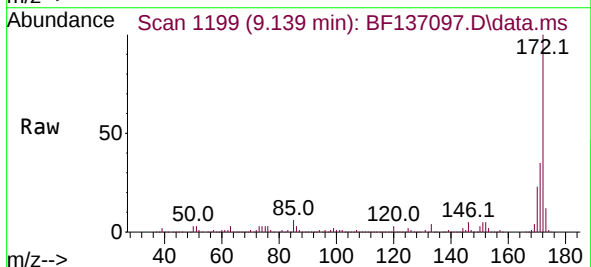
Tgt Ion:172 Resp: 578721

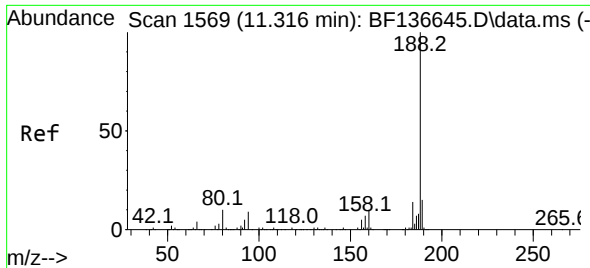
Ion Ratio Lower Upper

172 100

171 35.1 29.0 43.6

170 22.7 19.0 28.4

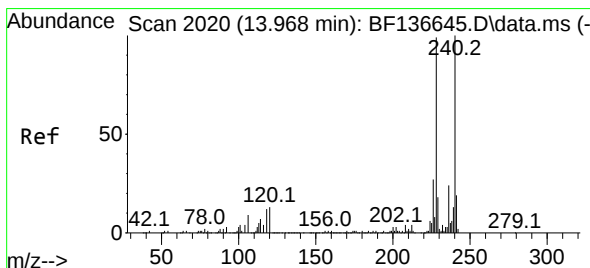
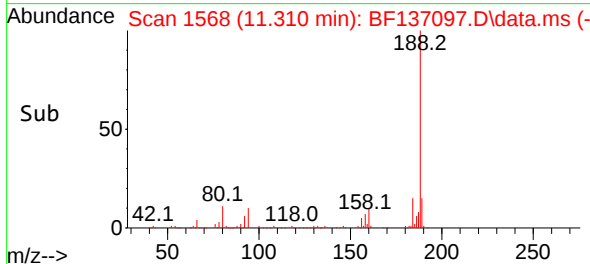
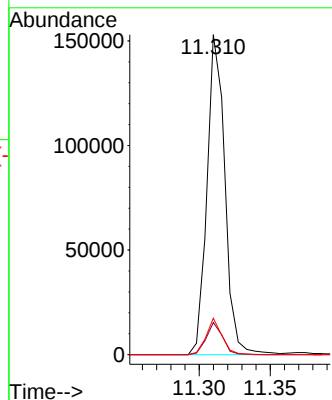
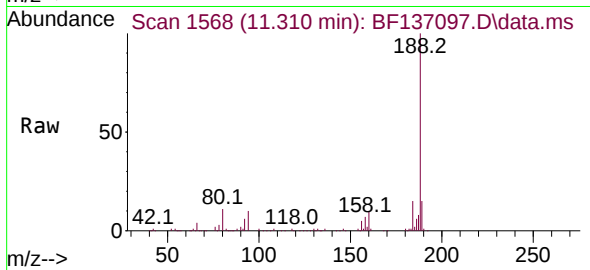




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137097.D
Acq: 17 Jan 2024 17:07

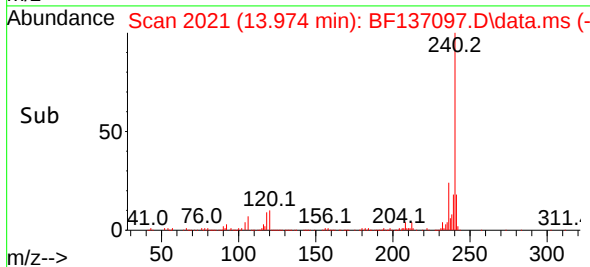
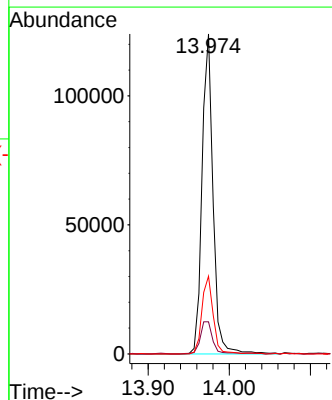
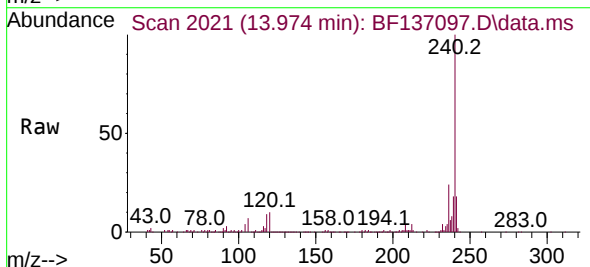
Instrument :
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MR-314-0-2

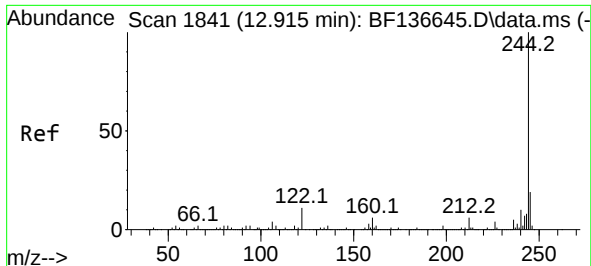
Tgt Ion:188 Resp: 133754
Ion Ratio Lower Upper
188 100
94 10.1 7.5 11.3
80 11.4 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF137097.D
Acq: 17 Jan 2024 17:07

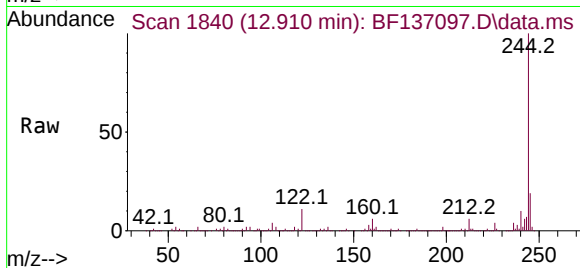
Tgt Ion:240 Resp: 116087
Ion Ratio Lower Upper
240 100
120 10.0 10.3 15.5#
236 24.3 19.4 29.2



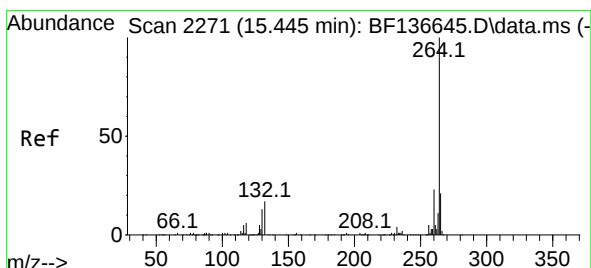
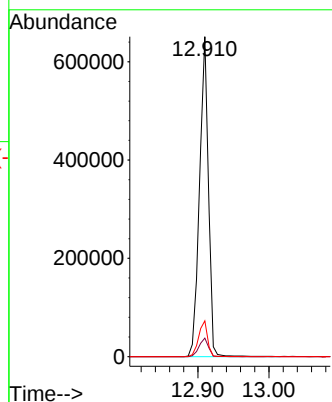
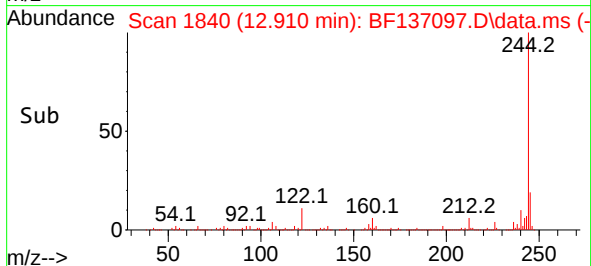


#79
 Terphenyl-d14
 Concen: 67.619 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF137097.D
 Acq: 17 Jan 2024 17:07

Instrument :
 BNA_F
 ClientSampleId :
 MR-314-0-2



Tgt Ion:244 Resp: 561710
 Ion Ratio Lower Upper
 244 100
 212 5.8 5.0 7.4
 122 11.2 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: BF137097.D
 Acq: 17 Jan 2024 17:07

Tgt Ion:264 Resp: 105859
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.3 27.5
 265 20.4 17.0 25.6

