

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011724\
 Data File : BF137100.D
 Acq On : 17 Jan 2024 18:36
 Operator : CG\JU
 Sample : P1139-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-314-16-18

Quant Time: Jan 18 01:17:00 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	6.786	152	61116	20.000	ng	0.00
21) Naphthalene-d8	8.057	136	234907	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	112007	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	179151	20.000	ng	0.00
76) Chrysene-d12	13.974	240	113410	20.000	ng	# 0.00
86) Perylene-d12	15.462	264	107225	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	444892	113.580	ng	0.02
7) Phenol-d6	6.439	99	518013	102.062	ng	0.00
23) Nitrobenzene-d5	7.351	82	361429	78.732	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	151333	114.722	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	728945	87.532	ng	-0.01
79) Terphenyl-d14	12.910	244	618309	76.190	ng	0.00

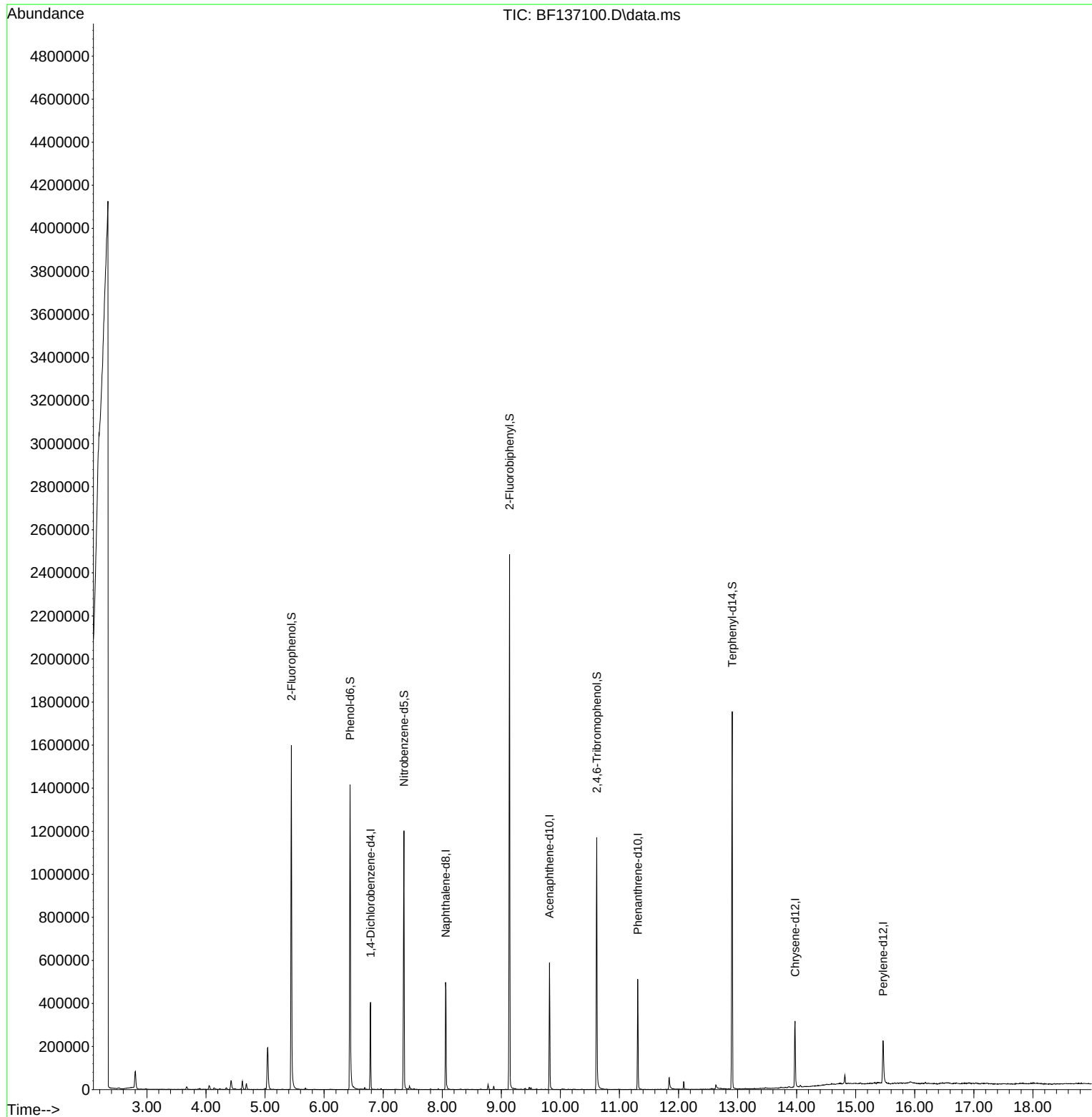
Target Compounds Qvalue

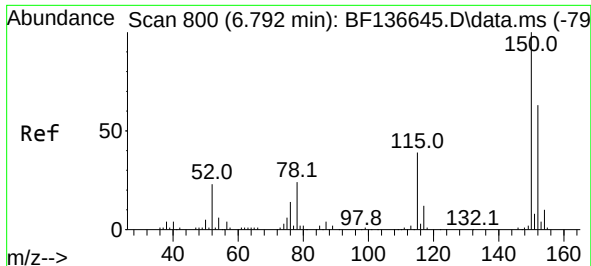
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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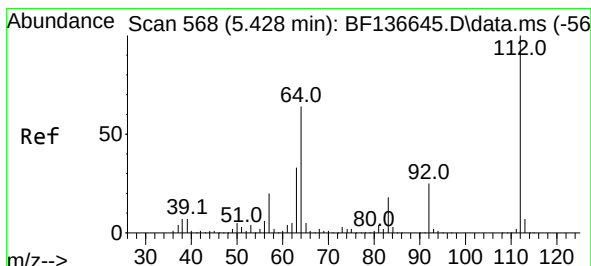
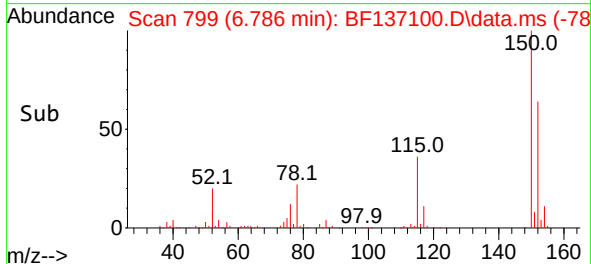
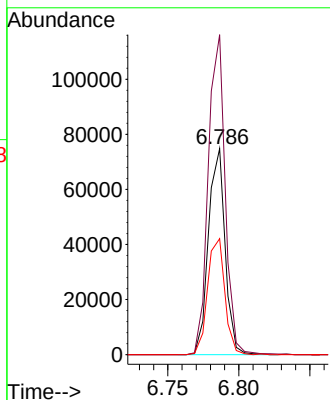
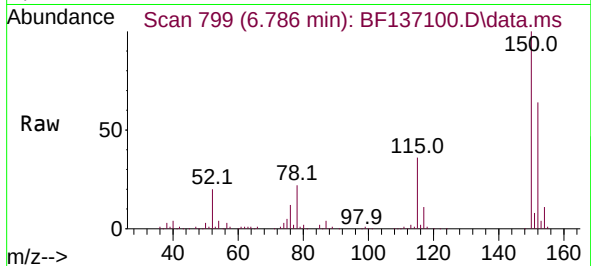




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF137100.D
Acq: 17 Jan 2024 18:36

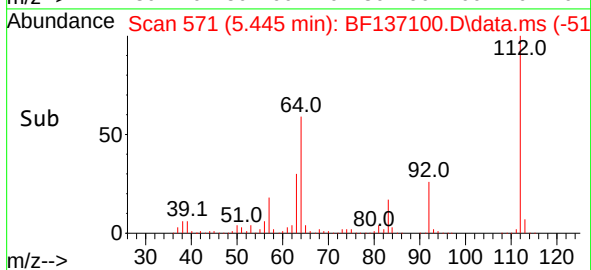
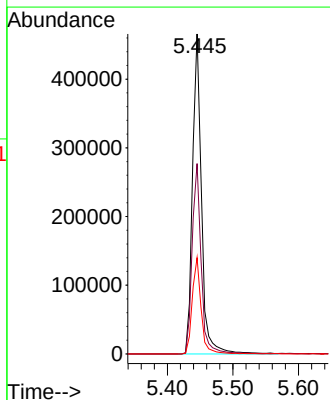
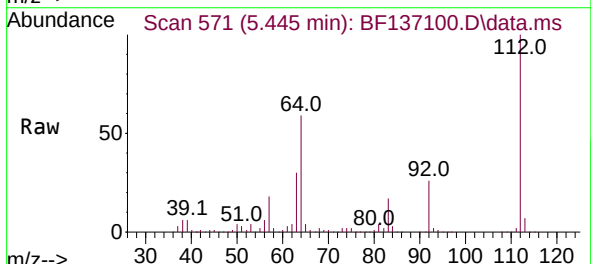
Instrument :
BNA_F
ClientSampleId :
MR-314-16-18

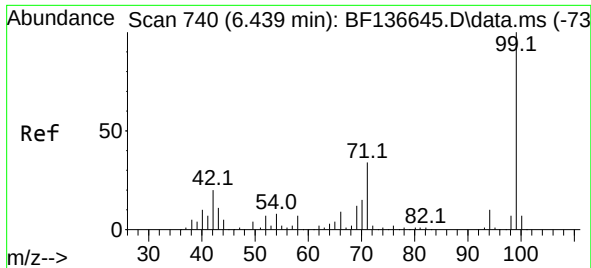
Tgt Ion:152 Resp: 61116
Ion Ratio Lower Upper
152 100
150 155.3 127.0 190.6
115 56.3 49.0 73.4



#5
2-Fluorophenol
Concen: 113.580 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF137100.D
Acq: 17 Jan 2024 18:36

Tgt Ion:112 Resp: 444892
Ion Ratio Lower Upper
112 100
64 59.5 51.1 76.7
63 30.1 26.1 39.1

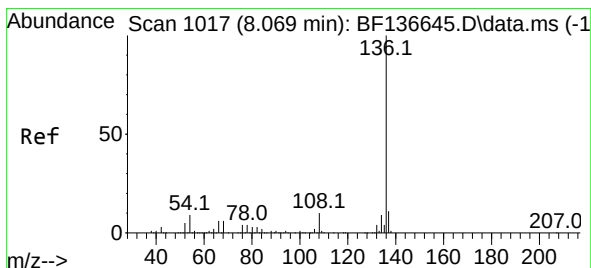
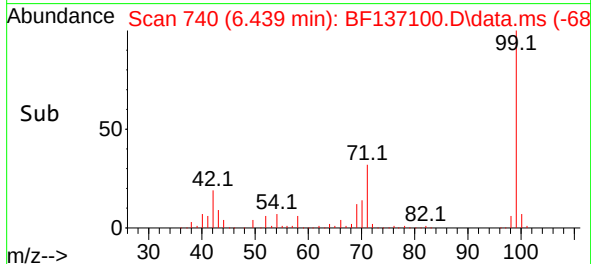
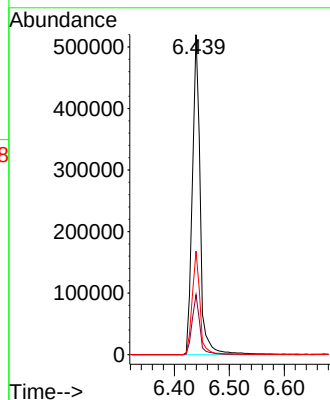
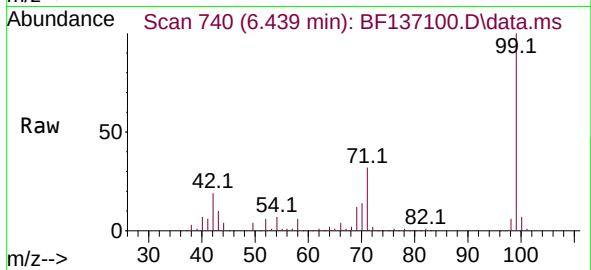




#7
Phenol-d6
Concen: 102.062 ng
RT: 6.439 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF137100.D
Acq: 17 Jan 2024 18:36

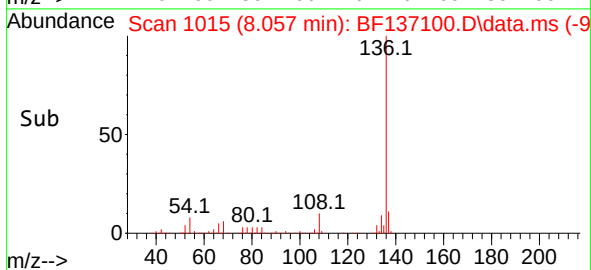
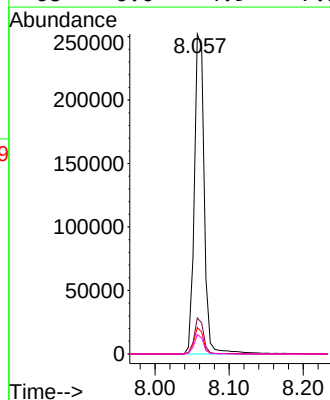
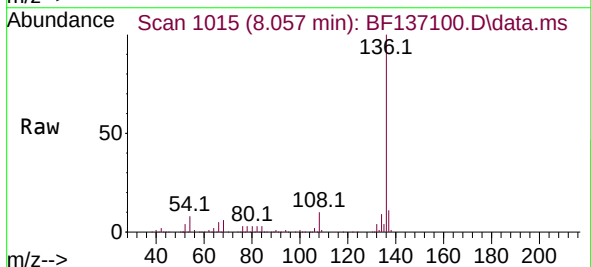
Instrument :
BNA_F
ClientSampleId :
MR-314-16-18

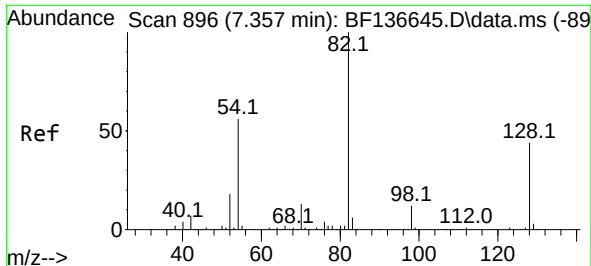
Tgt Ion: 99 Resp: 518013
Ion Ratio Lower Upper
99 100
42 18.7 16.1 24.1
71 32.3 27.4 41.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF137100.D
Acq: 17 Jan 2024 18:36

Tgt Ion:136 Resp: 234907
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 8.2 7.2 10.8
68 6.0 4.9 7.3

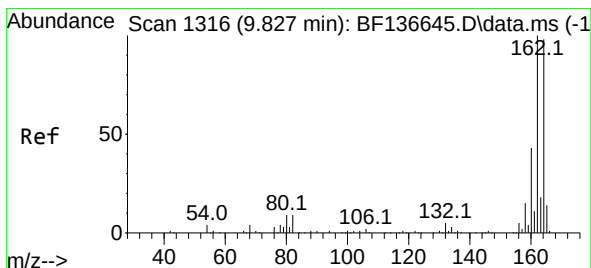
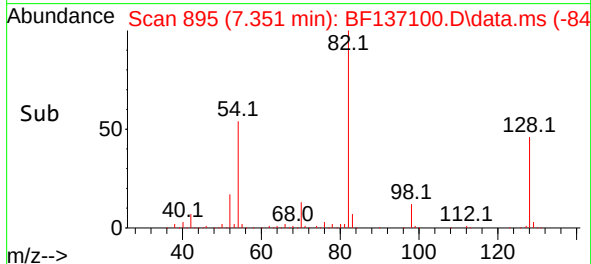
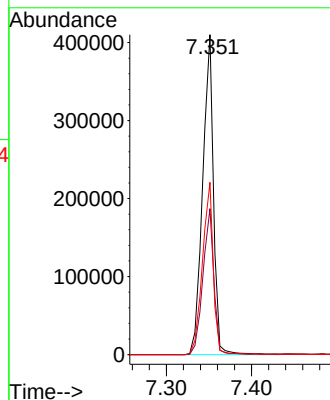
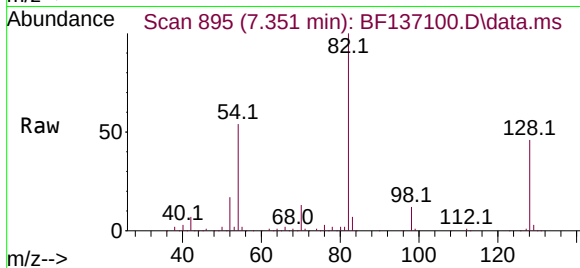




#23
 Nitrobenzene-d5
 Concen: 78.732 ng
 RT: 7.351 min Scan# 89
 Delta R.T. -0.006 min
 Lab File: BF137100.D
 Acq: 17 Jan 2024 18:36

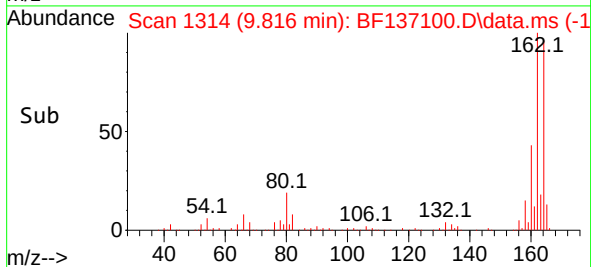
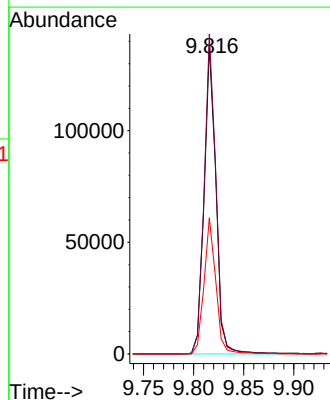
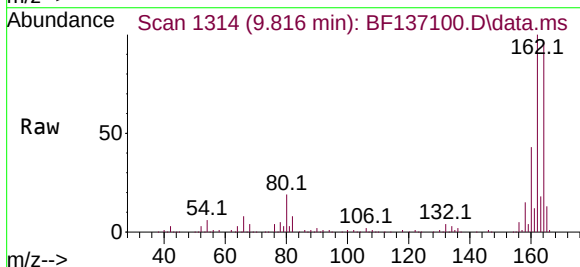
Instrument :
 BNA_F
 ClientSampleId :
 MR-314-16-18

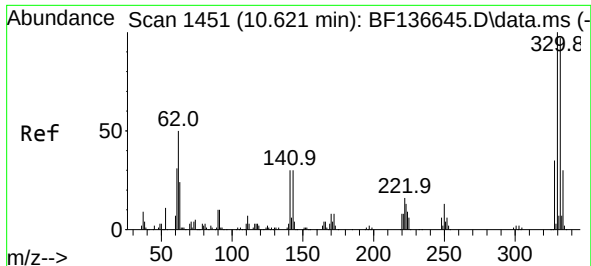
Tgt Ion: 82 Resp: 361429
 Ion Ratio Lower Upper
 82 100
 128 45.6 35.3 52.9
 54 53.8 44.5 66.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.816 min Scan# 1314
 Delta R.T. -0.012 min
 Lab File: BF137100.D
 Acq: 17 Jan 2024 18:36

Tgt Ion:164 Resp: 112007
 Ion Ratio Lower Upper
 164 100
 162 104.2 81.6 122.4
 160 44.3 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 114.722 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF137100.D

Acq: 17 Jan 2024 18:36

Instrument :

BNA_F

ClientSampleId :

MR-314-16-18

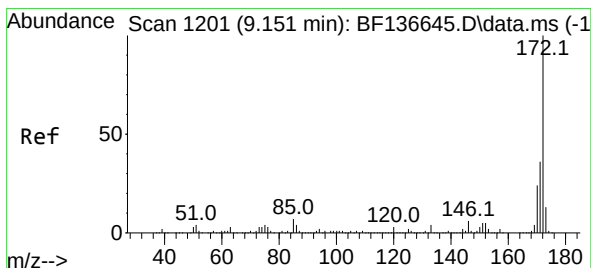
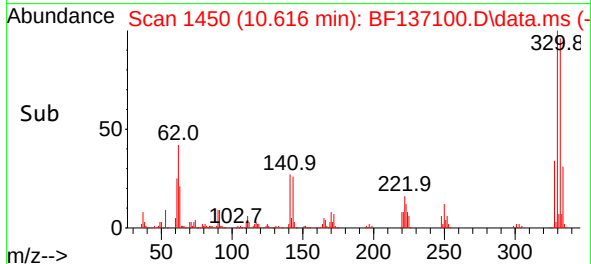
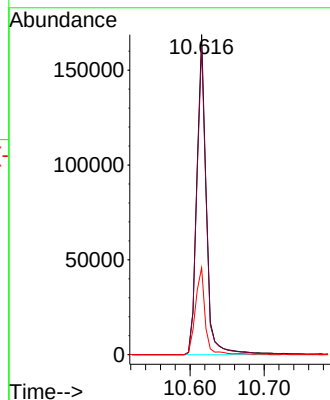
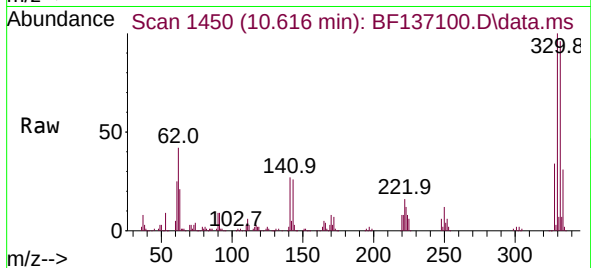
Tgt Ion:330 Resp: 151333

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.0

141 27.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 87.532 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF137100.D

Acq: 17 Jan 2024 18:36

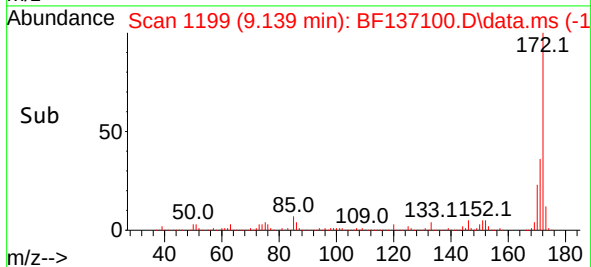
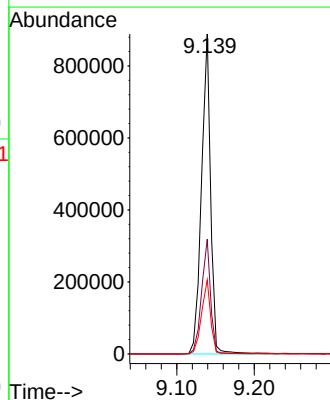
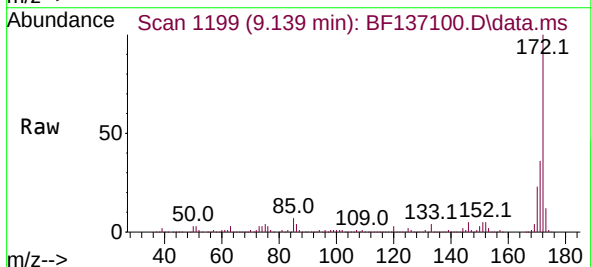
Tgt Ion:172 Resp: 728945

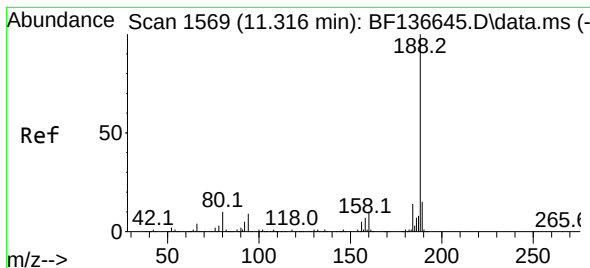
Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

170 23.1 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: BF137100.D

Acq: 17 Jan 2024 18:36

Instrument :

BNA_F

ClientSampleId :

MR-314-16-18

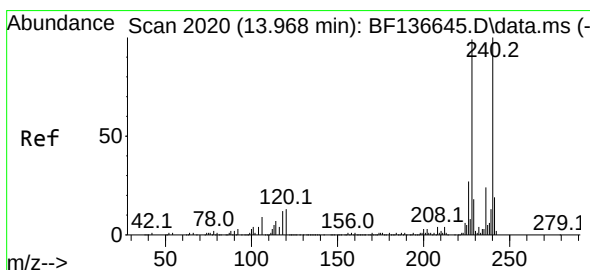
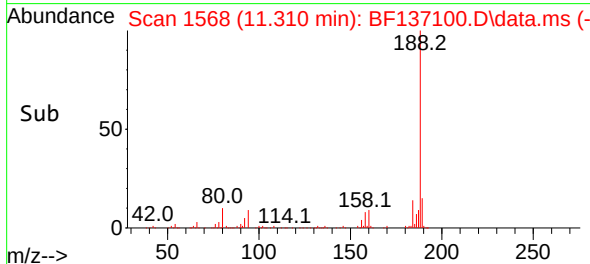
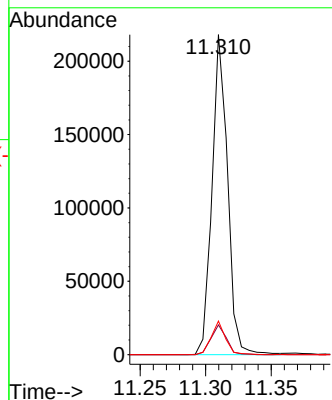
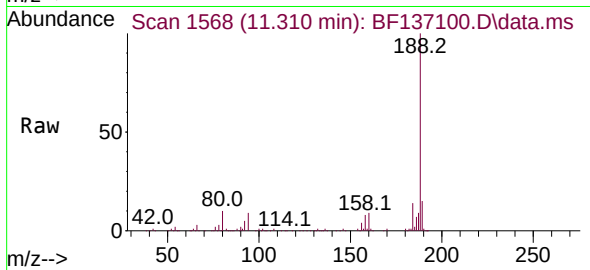
Tgt Ion:188 Resp: 179151

Ion Ratio Lower Upper

188 100

94 9.3 7.5 11.3

80 10.5 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: BF137100.D

Acq: 17 Jan 2024 18:36

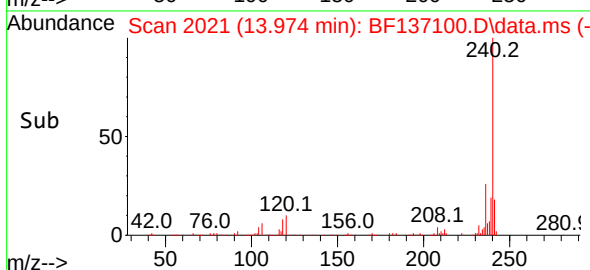
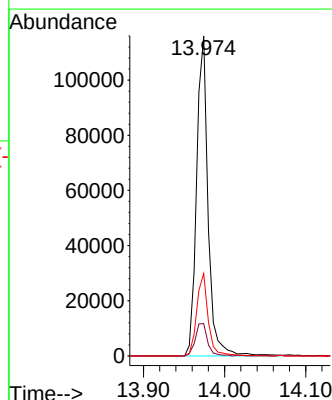
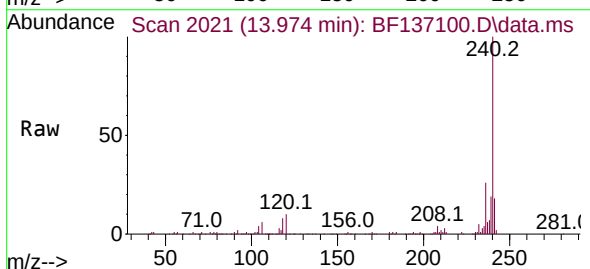
Tgt Ion:240 Resp: 113410

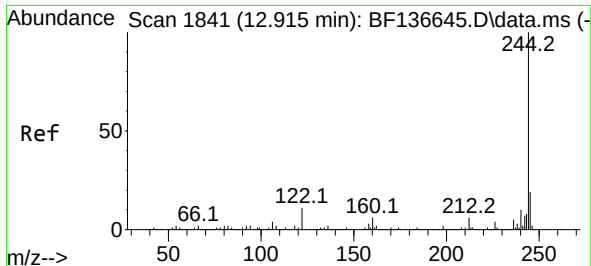
Ion Ratio Lower Upper

240 100

120 10.1 10.3 15.5#

236 25.7 19.4 29.2

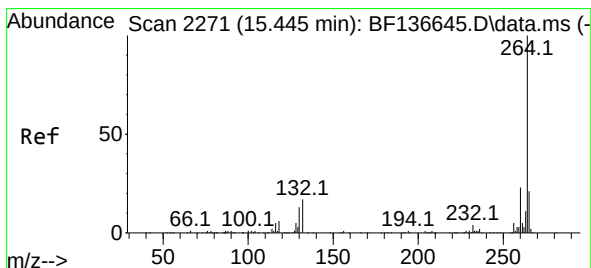
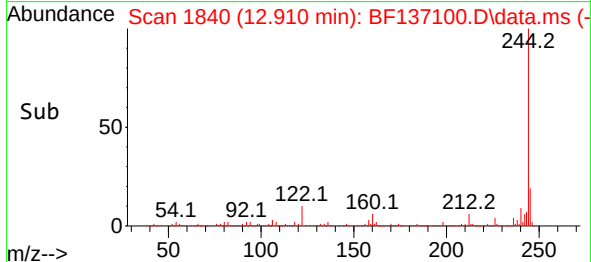
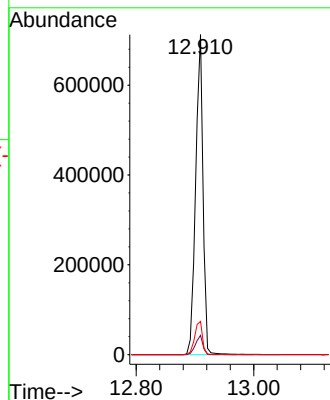
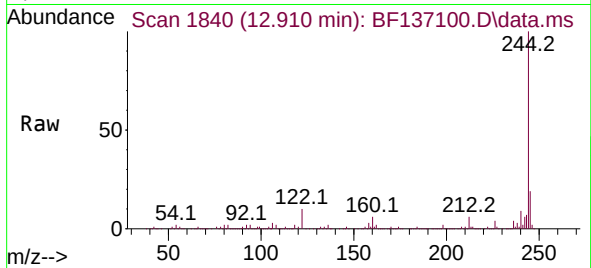




#79
 Terphenyl-d14
 Concen: 76.190 ng
 RT: 12.910 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF137100.D
 Acq: 17 Jan 2024 18:36

Instrument :
 BNA_F
 ClientSampleId :
 MR-314-16-18

Tgt Ion:244 Resp: 618309
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.0 7.4
 122 10.4 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.462 min Scan# 2274
 Delta R.T. 0.018 min
 Lab File: BF137100.D
 Acq: 17 Jan 2024 18:36

Tgt Ion:264 Resp: 107225
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.3 27.5
 265 22.6 17.0 25.6

