

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136950.D
 Acq On : 04 Jan 2024 20:15
 Operator : CG\JU
 Sample : 06016-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-322-4-6

Quant Time: Jan 05 00:43:15 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	50274	20.000	ng	-0.01
21) Naphthalene-d8	8.057	136	188020	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	95717	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	175916	20.000	ng	# 0.00
76) Chrysene-d12	13.963	240	117555	20.000	ng	0.00
86) Perylene-d12	15.451	264	133428	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	278675	86.489	ng	0.00
7) Phenol-d6	6.434	99	351453	84.179	ng	0.00
23) Nitrobenzene-d5	7.345	82	213874	58.207	ng	-0.01
42) 2,4,6-Tribromophenol	10.610	330	94696	84.004	ng	-0.01
45) 2-Fluorobiphenyl	9.133	172	445635	62.619	ng	-0.02
79) Terphenyl-d14	12.904	244	440500	52.366	ng	-0.01

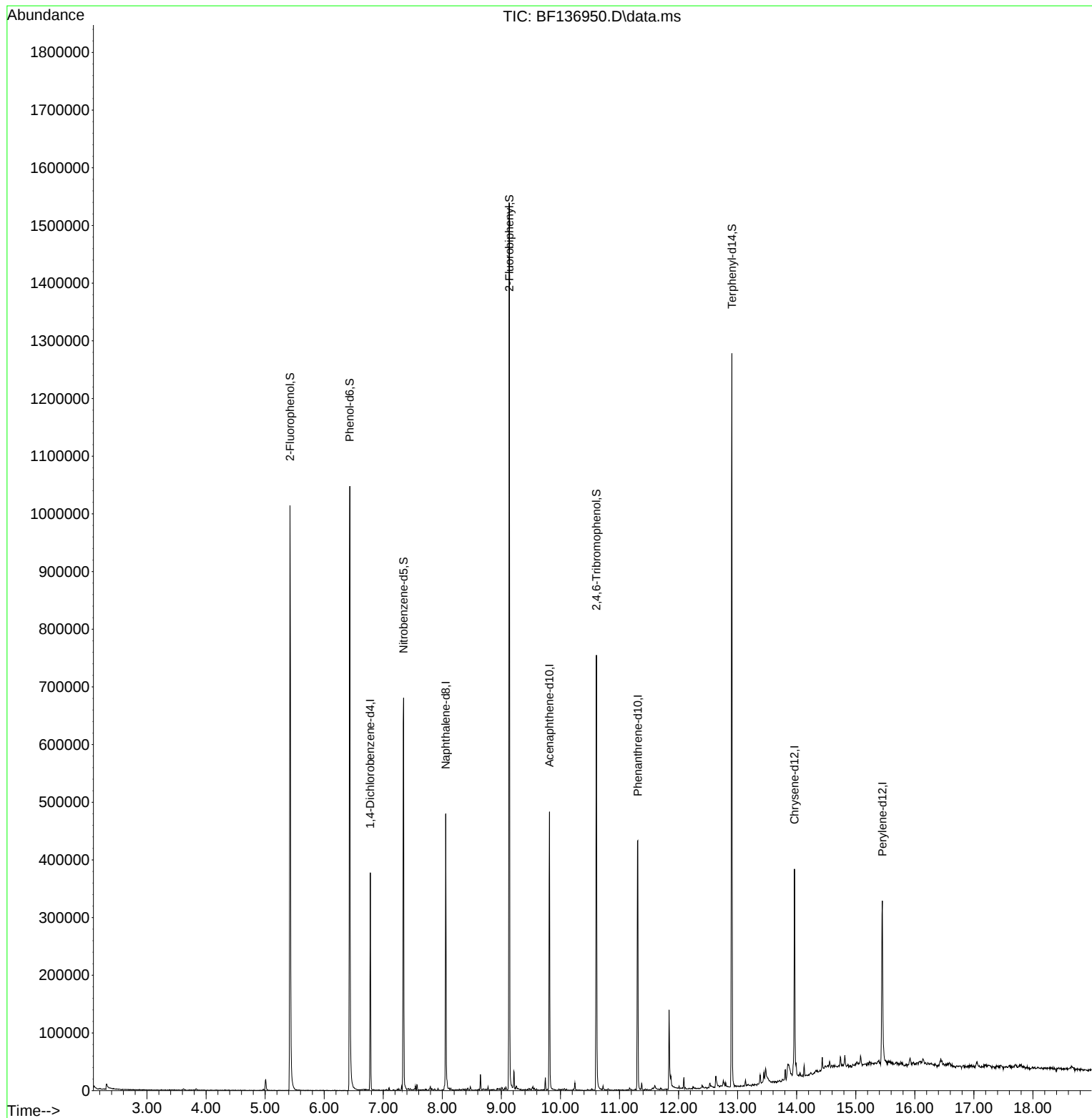
Target Compounds	Qvalue

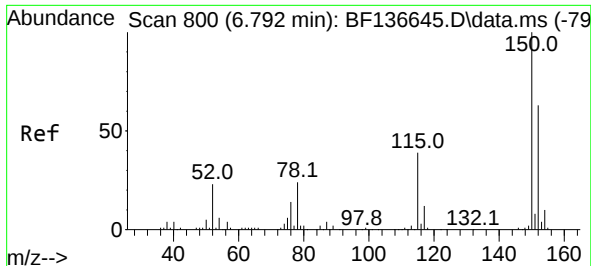
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
Data File : BF136950.D
Acq On : 04 Jan 2024 20:15
Operator : CG\JU
Sample : 06016-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MR-322-4-6

Quant Time: Jan 05 00:43:15 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

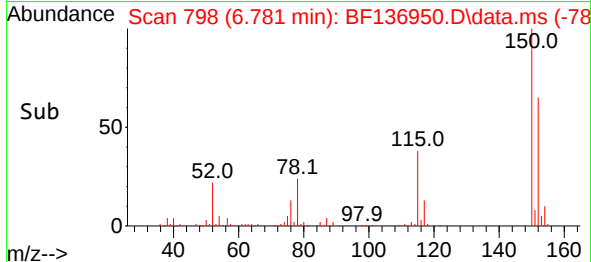
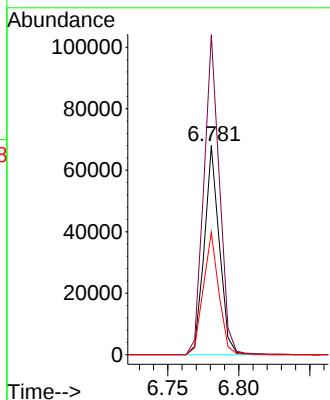
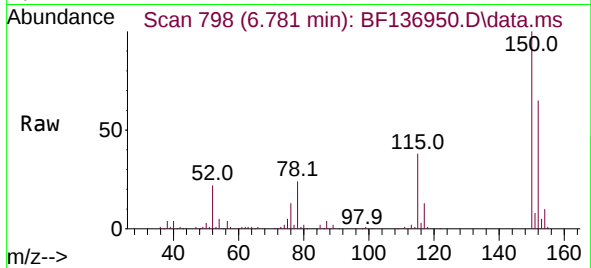




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF136950.D
Acq: 04 Jan 2024 20:15

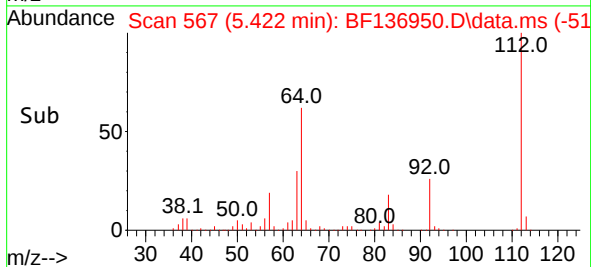
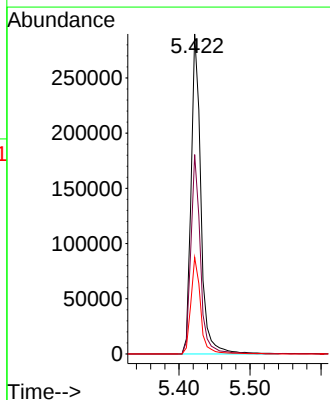
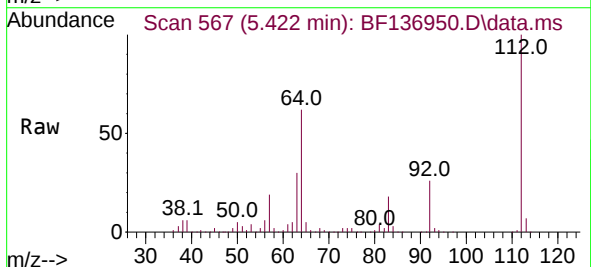
Instrument :
BNA_F
ClientSampleId :
MR-322-4-6

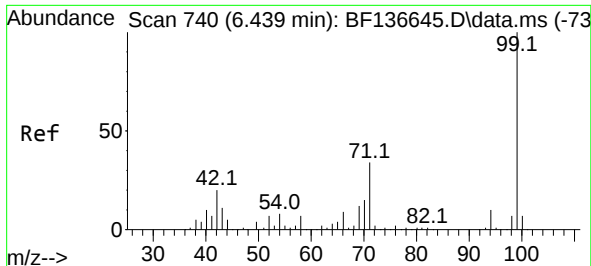
Tgt Ion:152 Resp: 50274
Ion Ratio Lower Upper
152 100
150 153.0 127.0 190.6
115 58.5 49.0 73.4



#5
2-Fluorophenol
Concen: 86.489 ng
RT: 5.422 min Scan# 567
Delta R.T. -0.006 min
Lab File: BF136950.D
Acq: 04 Jan 2024 20:15

Tgt Ion:112 Resp: 278675
Ion Ratio Lower Upper
112 100
64 62.3 51.1 76.7
63 30.2 26.1 39.1





#7

Phenol-d6

Concen: 84.179 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF136950.D

Acq: 04 Jan 2024 20:15

Instrument :

BNA_F

ClientSampleId :

MR-322-4-6

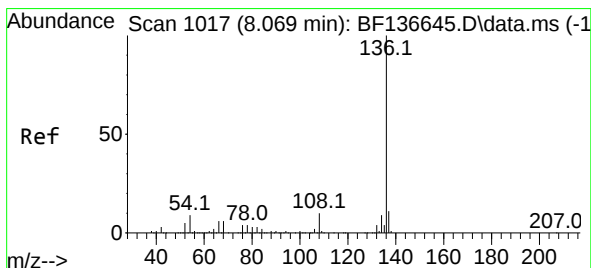
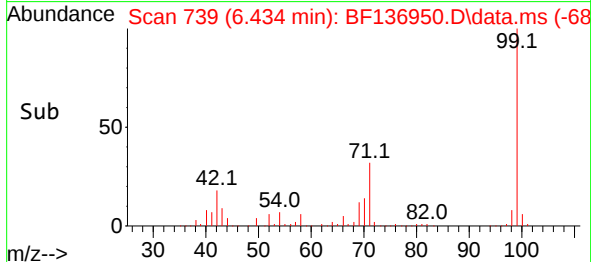
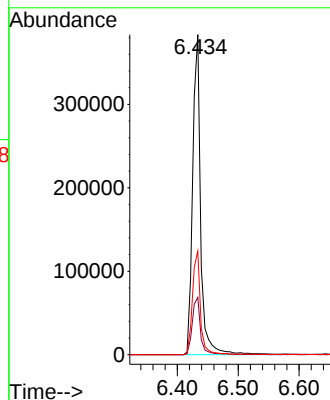
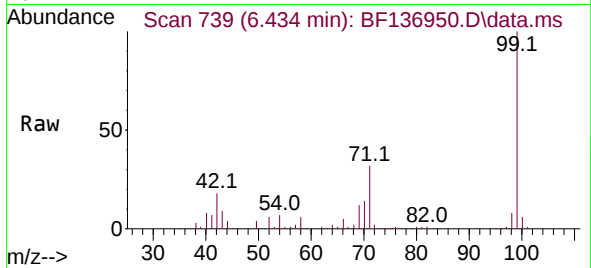
Tgt Ion: 99 Resp: 351453

Ion Ratio Lower Upper

99 100

42 17.9 16.1 24.1

71 32.4 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: BF136950.D

Acq: 04 Jan 2024 20:15

Tgt Ion: 136 Resp: 188020

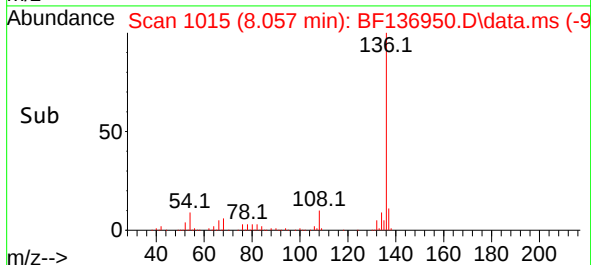
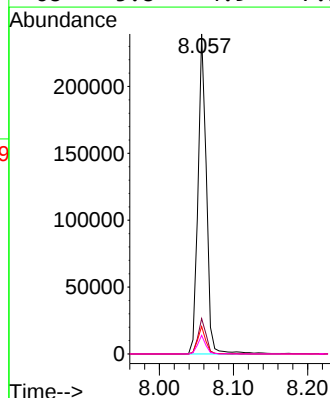
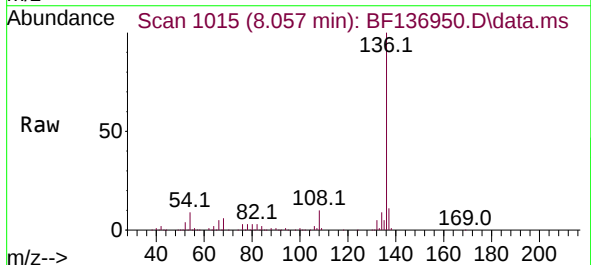
Ion Ratio Lower Upper

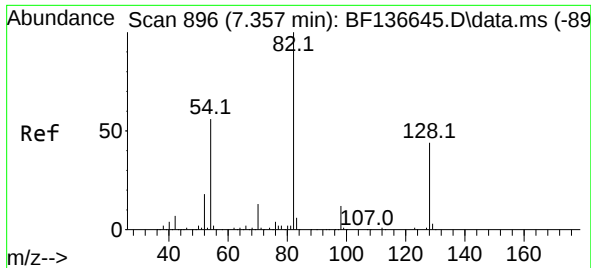
136 100

137 11.1 9.0 13.4

54 8.6 7.2 10.8

68 5.8 4.9 7.3





#23

Nitrobenzene-d5

Concen: 58.207 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136950.D

Acq: 04 Jan 2024 20:15

Instrument :

BNA_F

ClientSampleId :

MR-322-4-6

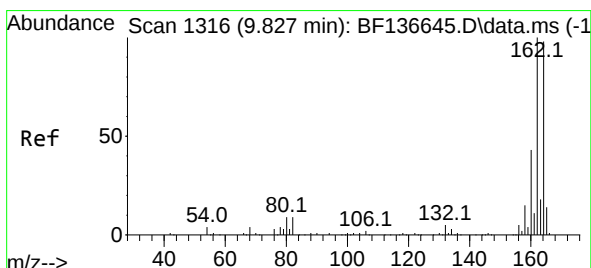
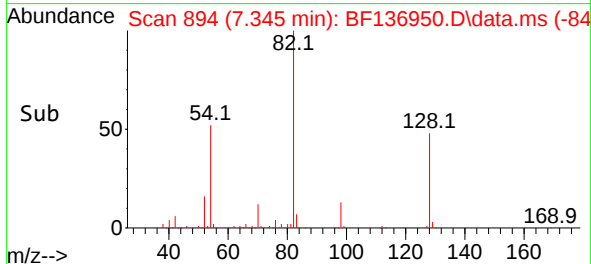
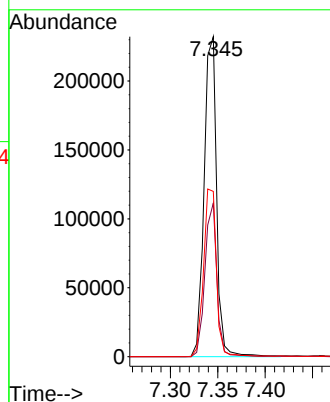
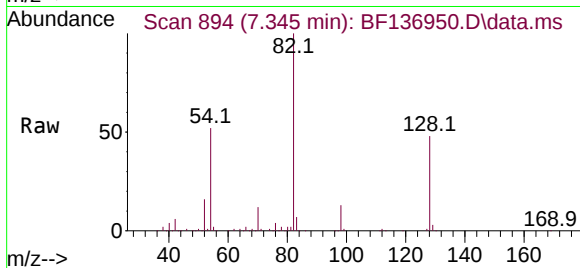
Tgt Ion: 82 Resp: 213874

Ion Ratio Lower Upper

82 100

128 48.0 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: BF136950.D

Acq: 04 Jan 2024 20:15

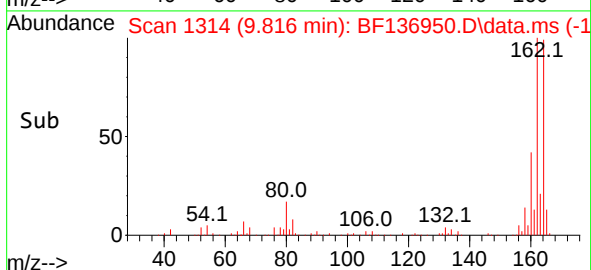
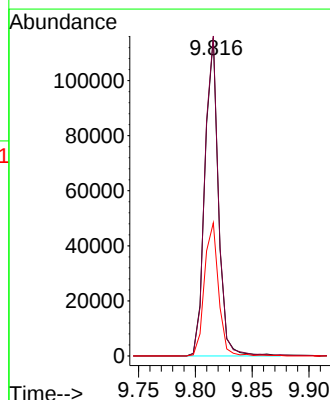
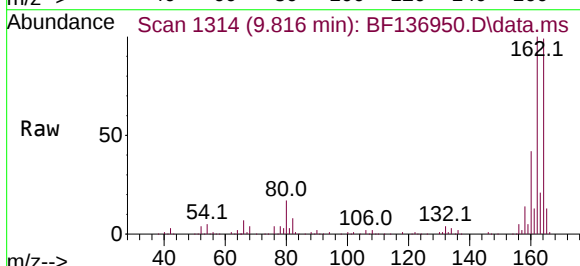
Tgt Ion:164 Resp: 95717

Ion Ratio Lower Upper

164 100

162 100.6 81.6 122.4

160 41.8 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 84.004 ng

RT: 10.610 min Scan# 1451

Delta R.T. -0.012 min

Lab File: BF136950.D

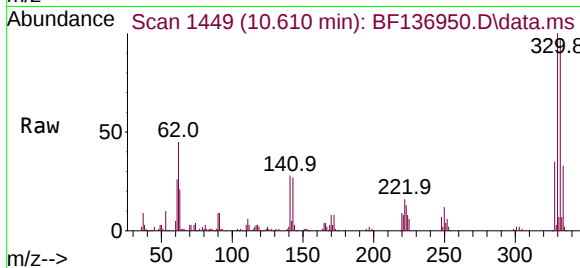
Acq: 04 Jan 2024 20:15

Instrument :

BNA_F

ClientSampleId :

MR-322-4-6



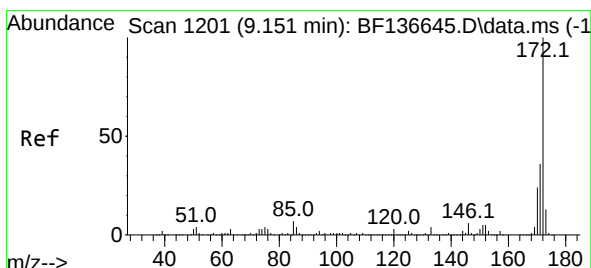
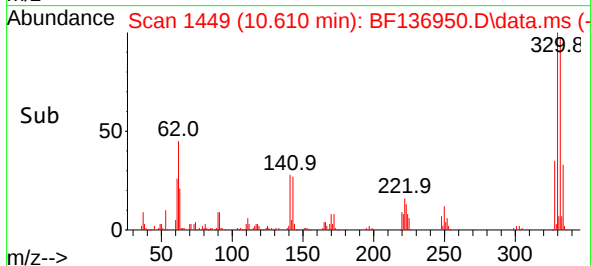
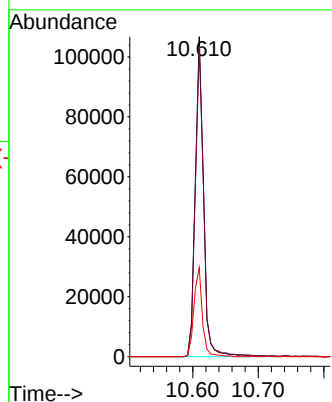
Tgt Ion:330 Resp: 94696

Ion Ratio Lower Upper

330 100

332 97.2 77.4 116.0

141 28.0 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 62.619 ng

RT: 9.133 min Scan# 1198

Delta R.T. -0.018 min

Lab File: BF136950.D

Acq: 04 Jan 2024 20:15

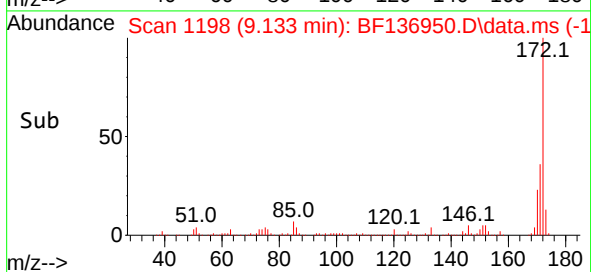
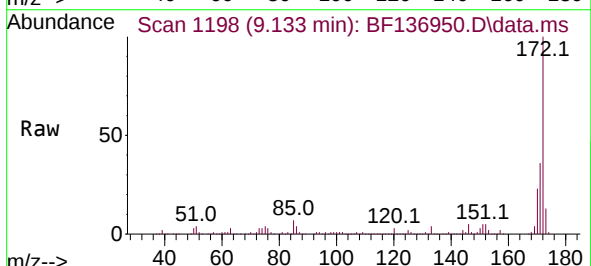
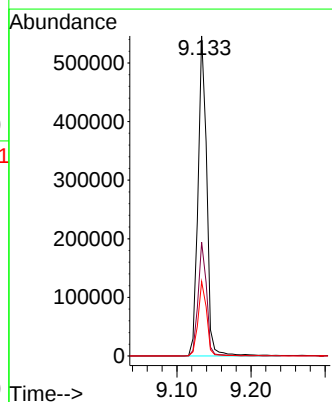
Tgt Ion:172 Resp: 445635

Ion Ratio Lower Upper

172 100

171 35.5 29.0 43.6

170 23.2 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: BF136950.D

Acq: 04 Jan 2024 20:15

Instrument :

BNA_F

ClientSampleId :

MR-322-4-6

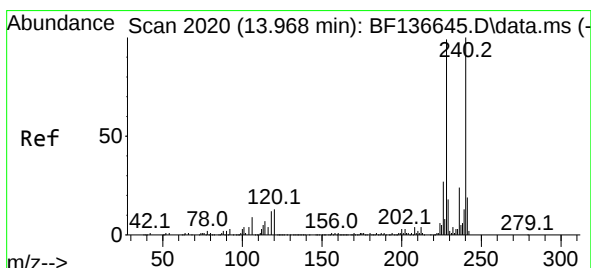
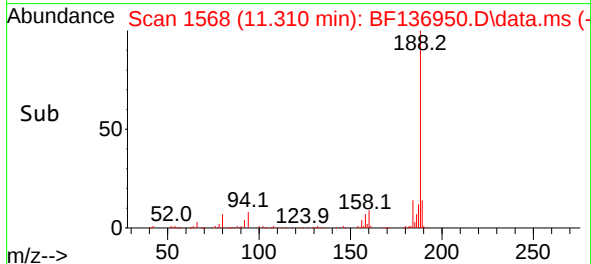
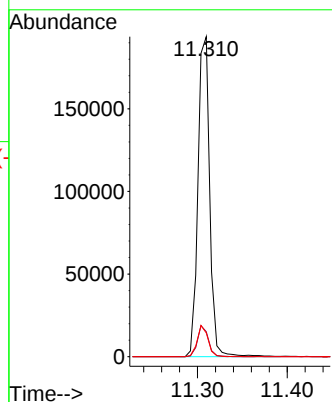
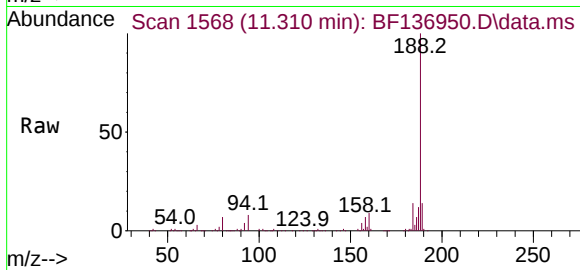
Tgt Ion:188 Resp: 175916

Ion Ratio Lower Upper

188 100

94 7.8 7.5 11.3

80 7.4 8.1 12.1#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF136950.D

Acq: 04 Jan 2024 20:15

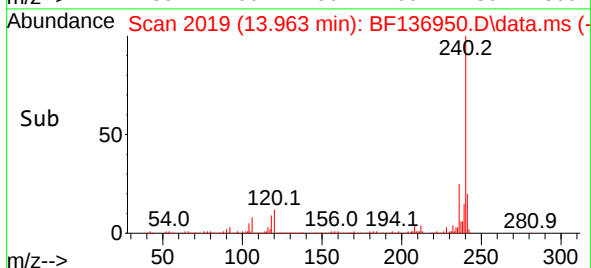
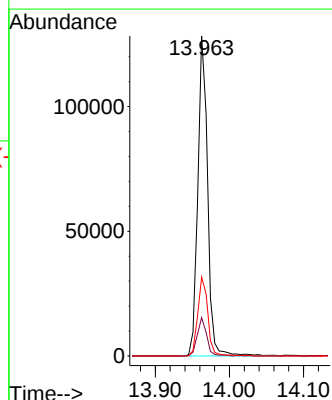
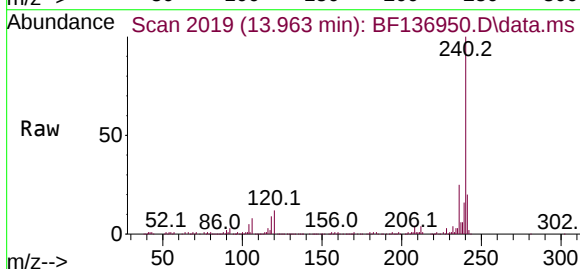
Tgt Ion:240 Resp: 117555

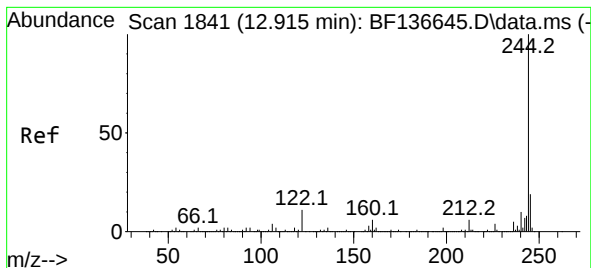
Ion Ratio Lower Upper

240 100

120 11.9 10.3 15.5

236 24.7 19.4 29.2





#79

Terphenyl-d14

Concen: 52.366 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136950.D

Acq: 04 Jan 2024 20:15

Instrument :

BNA_F

ClientSampleId :

MR-322-4-6

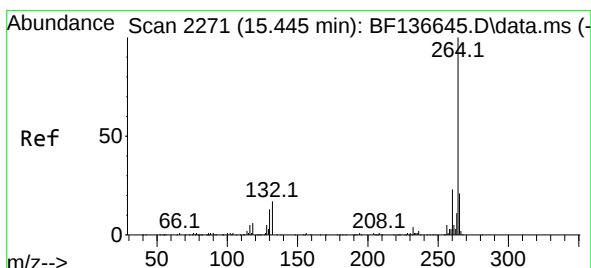
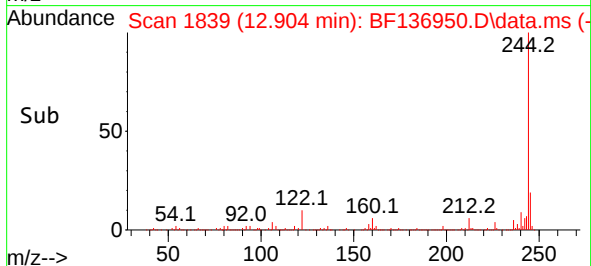
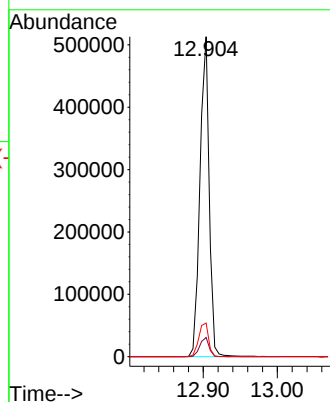
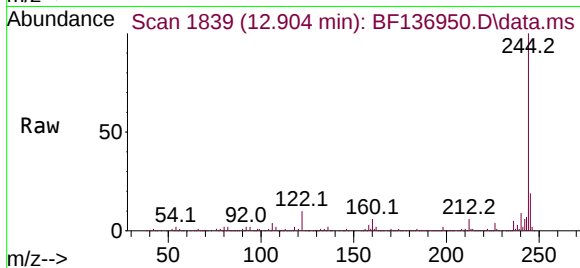
Tgt Ion:244 Resp: 440500

Ion Ratio Lower Upper

244 100

212 6.0 5.0 7.4

122 10.5 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2272

Delta R.T. 0.006 min

Lab File: BF136950.D

Acq: 04 Jan 2024 20:15

Tgt Ion:264 Resp: 133428

Ion Ratio Lower Upper

264 100

260 23.8 18.3 27.5

265 21.5 17.0 25.6

