

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136932.D
 Acq On : 04 Jan 2024 04:12
 Operator : CG\JU
 Sample : 05980-01 2X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MR-315-0-2

Quant Time: Jan 04 04:45:59 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	46196	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	163191	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	72753	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	153218	20.000	ng	0.00
76) Chrysene-d12	13.968	240	113011	20.000	ng	0.00
86) Perylene-d12	15.457	264	85611	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	157188	53.091	ng	0.01
7) Phenol-d6	6.451	99	173875	45.322	ng	0.01
23) Nitrobenzene-d5	7.345	82	98167	30.782	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	42144	49.186	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	177059	32.733	ng	-0.01
79) Terphenyl-d14	12.904	244	205677	25.434	ng	-0.01

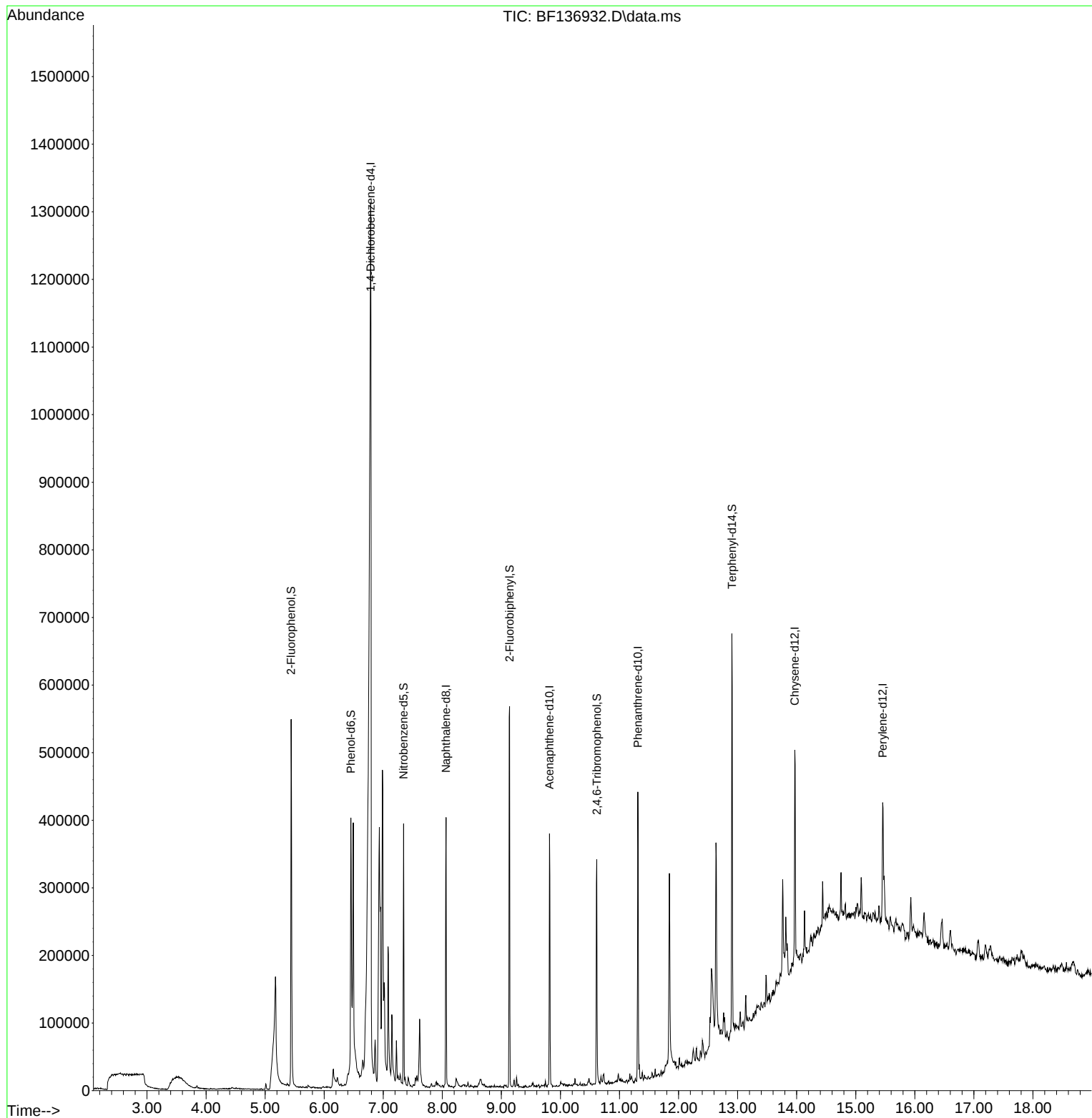
Target Compounds	Qvalue

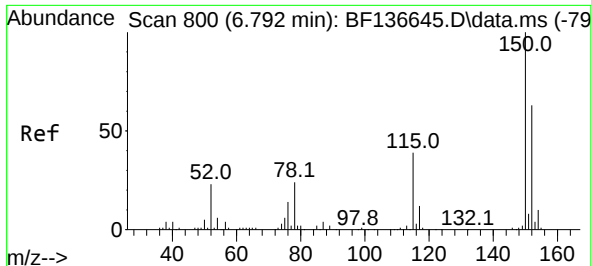
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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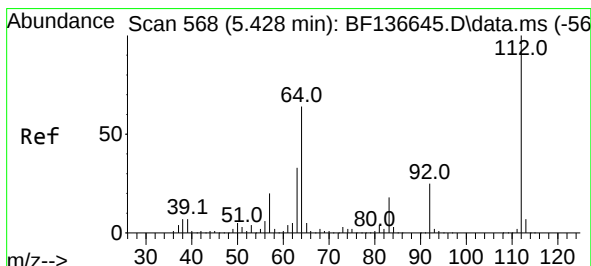
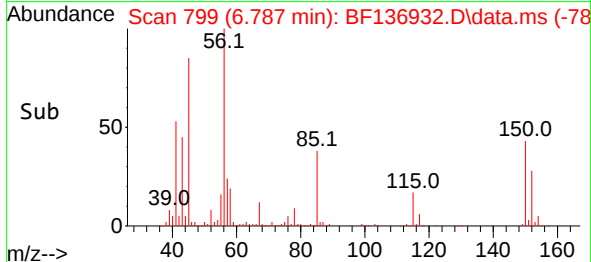
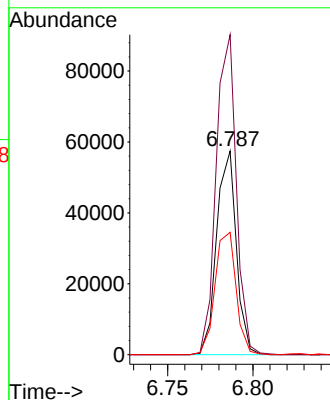
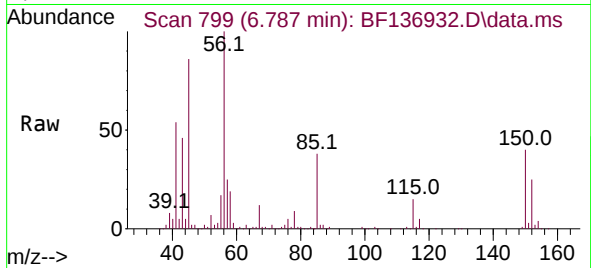




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF136932.D
Acq: 04 Jan 2024 04:12

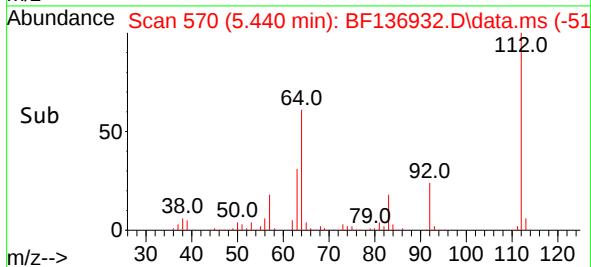
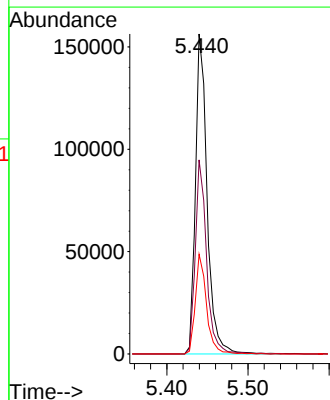
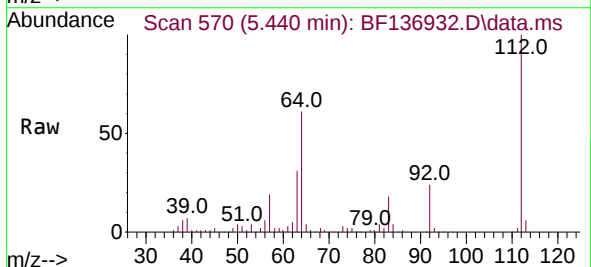
Instrument :
BNA_F
ClientSampleId :
MR-315-0-2

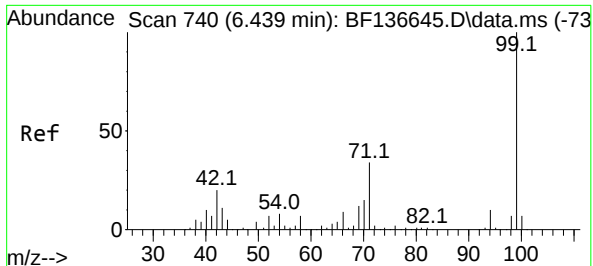
Tgt Ion:152 Resp: 46196
Ion Ratio Lower Upper
152 100
150 157.1 127.0 190.6
115 60.1 49.0 73.4



#5
2-Fluorophenol
Concen: 53.091 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.012 min
Lab File: BF136932.D
Acq: 04 Jan 2024 04:12

Tgt Ion:112 Resp: 157188
Ion Ratio Lower Upper
112 100
64 60.6 51.1 76.7
63 31.2 26.1 39.1

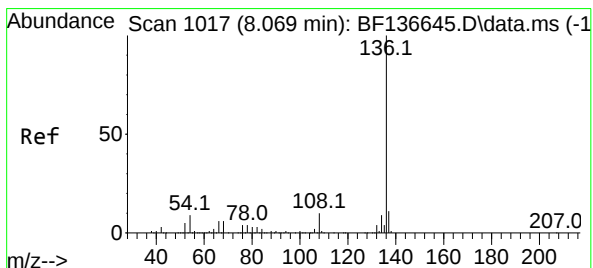
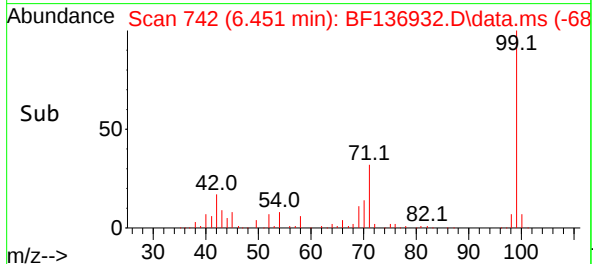
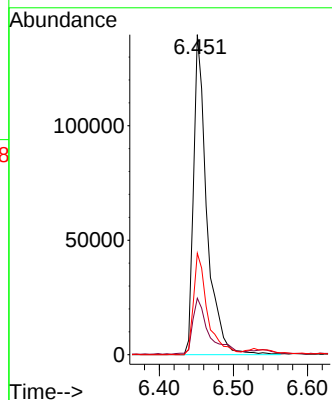
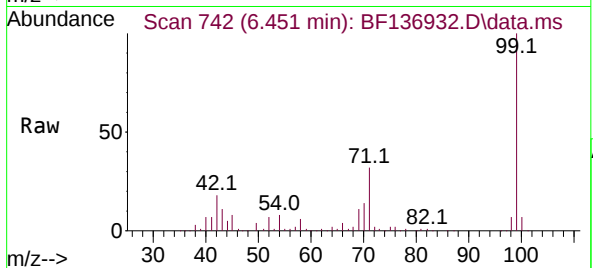




#7
Phenol-d6
Concen: 45.322 ng
RT: 6.451 min Scan# 74
Delta R.T. 0.012 min
Lab File: BF136932.D
Acq: 04 Jan 2024 04:12

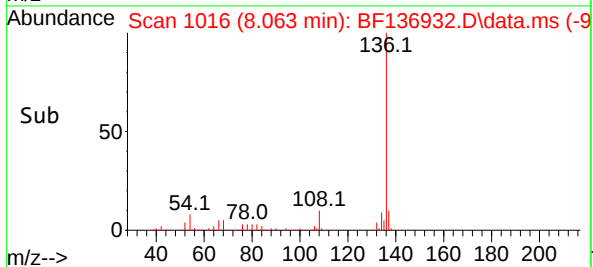
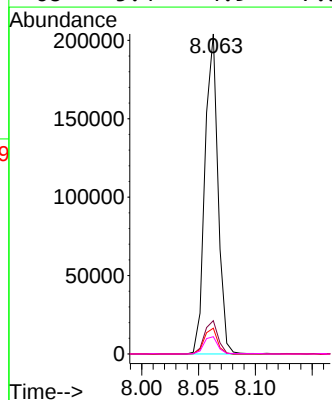
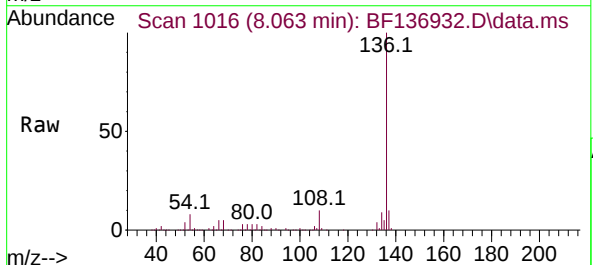
Instrument :
BNA_F
ClientSampleId :
MR-315-0-2

Tgt Ion: 99 Resp: 173875
Ion Ratio Lower Upper
99 100
42 17.6 16.1 24.1
71 31.7 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: BF136932.D
Acq: 04 Jan 2024 04:12

Tgt Ion:136 Resp: 163191
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.4
54 8.0 7.2 10.8
68 5.4 4.9 7.3





#23

Nitrobenzene-d5

Concen: 30.782 ng

RT: 7.345 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF136932.D

Acq: 04 Jan 2024 04:12

Instrument :

BNA_F

ClientSampleId :

MR-315-0-2

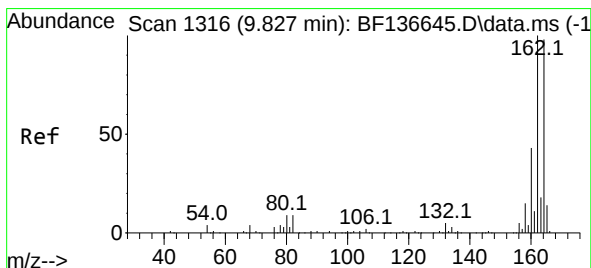
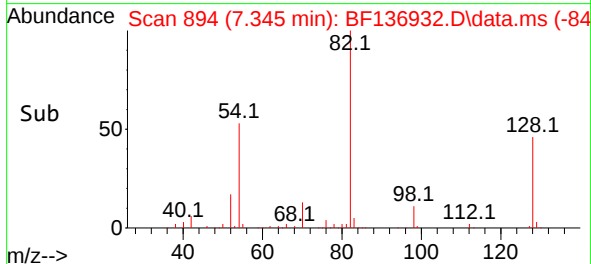
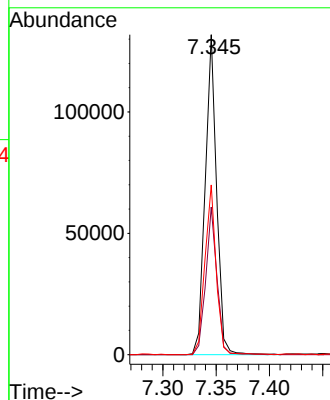
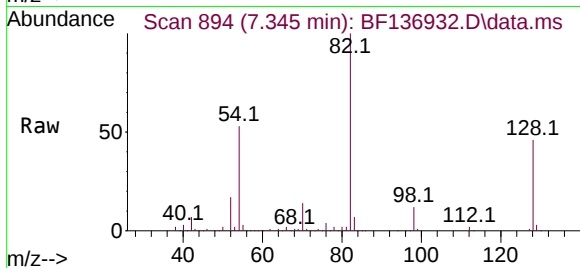
Tgt Ion: 82 Resp: 98167

Ion Ratio Lower Upper

82 100

128 46.2 35.3 52.9

54 53.1 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: BF136932.D

Acq: 04 Jan 2024 04:12

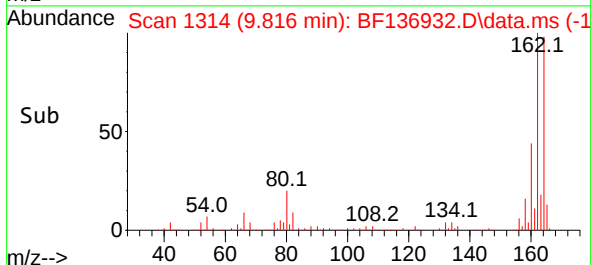
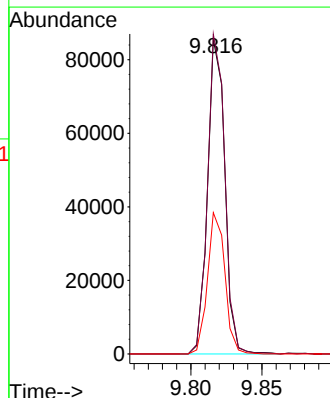
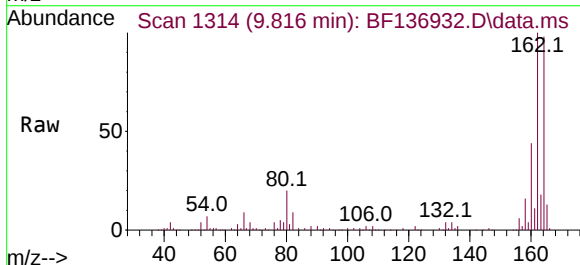
Tgt Ion:164 Resp: 72753

Ion Ratio Lower Upper

164 100

162 101.7 81.6 122.4

160 44.9 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 49.186 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF136932.D

Acq: 04 Jan 2024 04:12

Instrument :

BNA_F

ClientSampleId :

MR-315-0-2

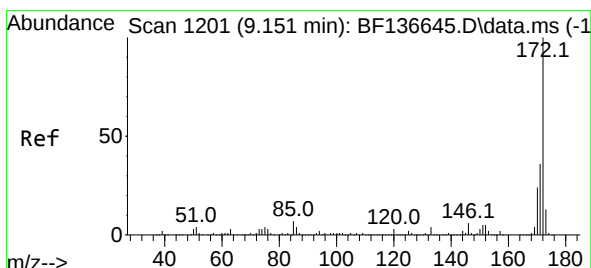
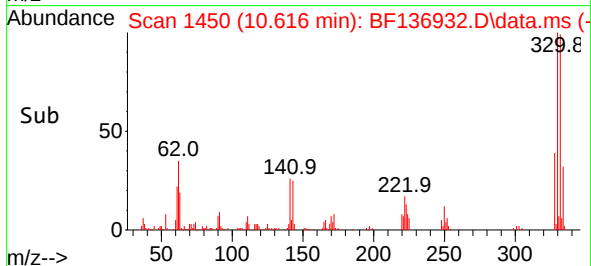
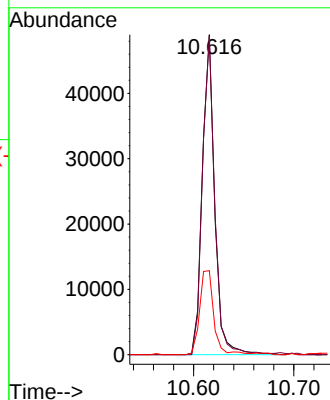
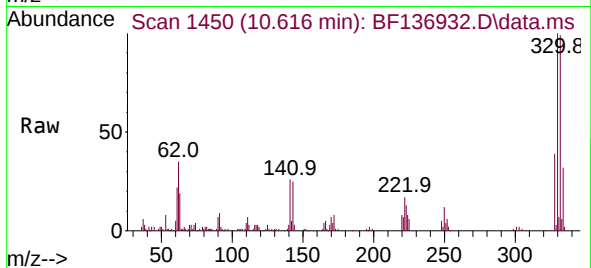
Tgt Ion:330 Resp: 42144

Ion Ratio Lower Upper

330 100

332 98.8 77.4 116.0

141 30.1 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 32.733 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136932.D

Acq: 04 Jan 2024 04:12

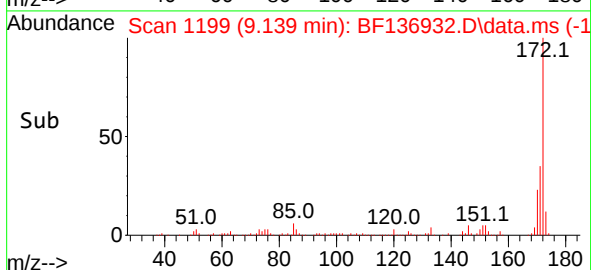
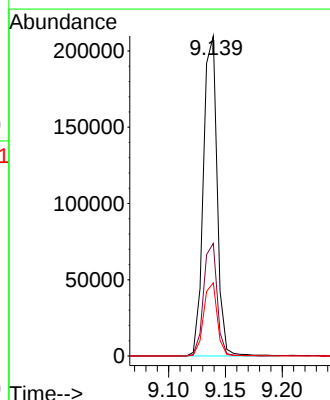
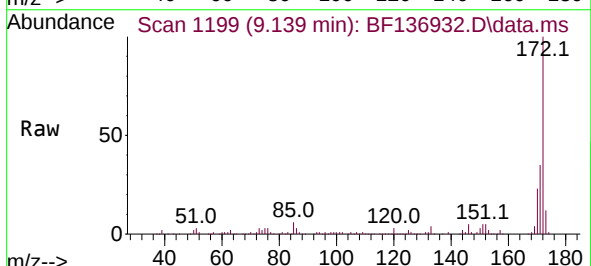
Tgt Ion:172 Resp: 177059

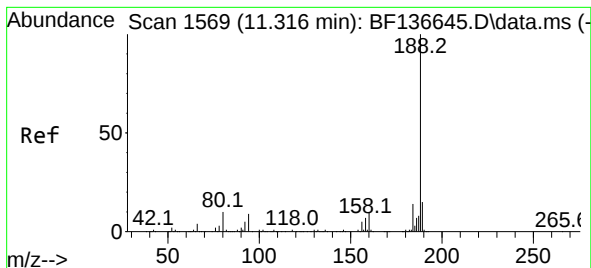
Ion Ratio Lower Upper

172 100

171 35.2 29.0 43.6

170 22.8 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: BF136932.D

Acq: 04 Jan 2024 04:12

Instrument :

BNA_F

ClientSampleId :

MR-315-0-2

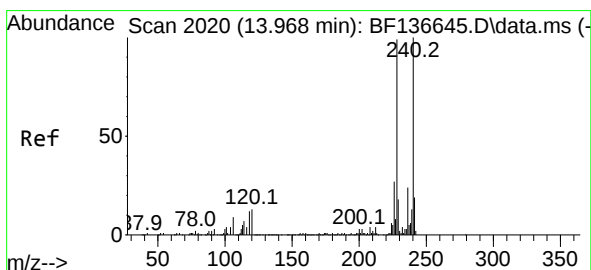
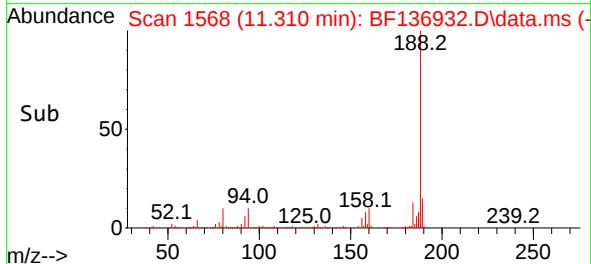
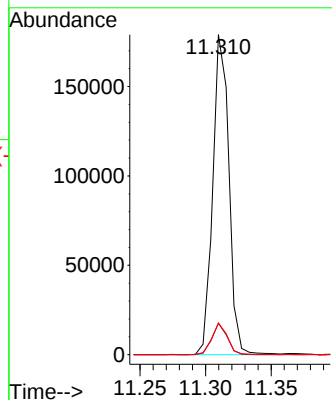
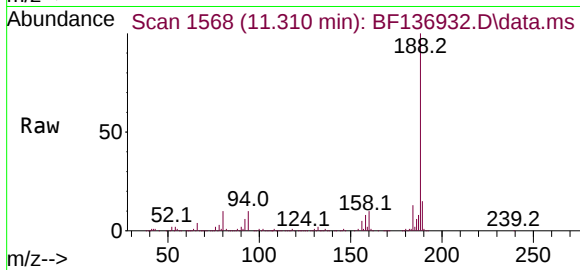
Tgt Ion:188 Resp: 153218

Ion Ratio Lower Upper

188 100

94 9.8 7.5 11.3

80 9.9 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.968 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136932.D

Acq: 04 Jan 2024 04:12

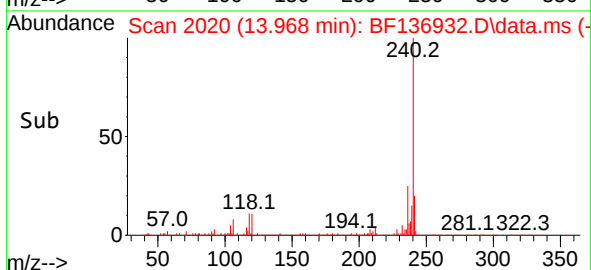
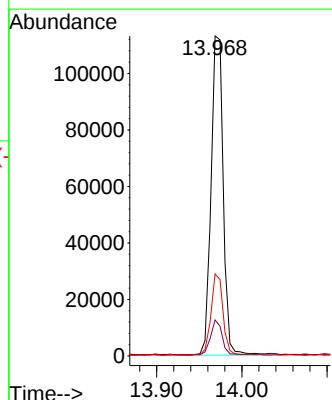
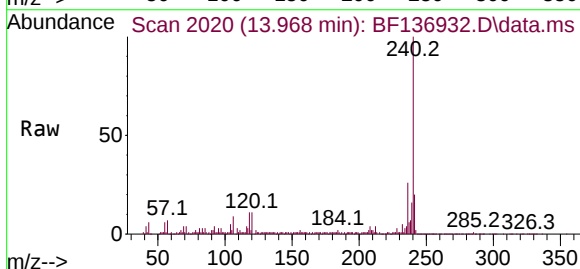
Tgt Ion:240 Resp: 113011

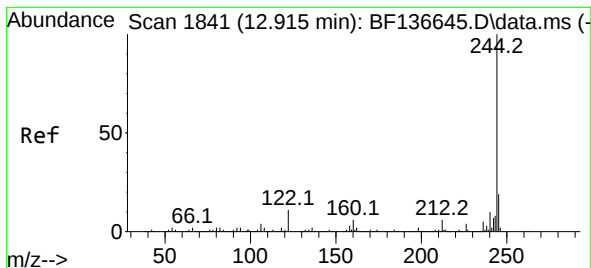
Ion Ratio Lower Upper

240 100

120 11.2 10.3 15.5

236 25.7 19.4 29.2





#79

Terphenyl-d14

Concen: 25.434 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136932.D

Acq: 04 Jan 2024 04:12

Instrument :

BNA_F

ClientSampleId :

MR-315-0-2

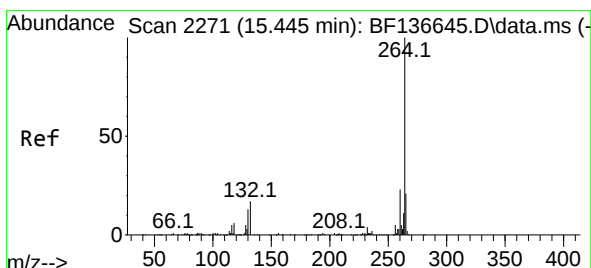
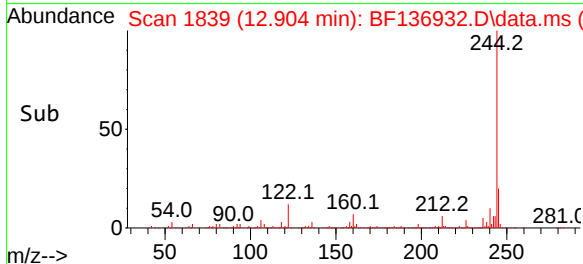
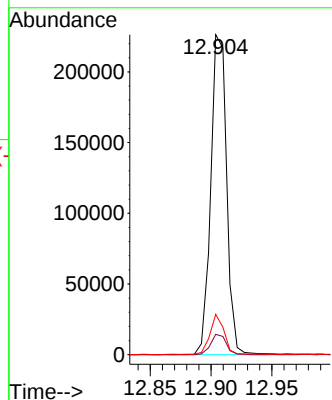
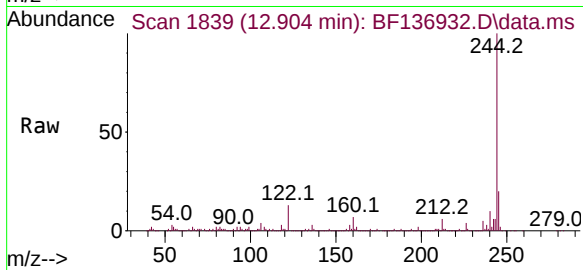
Tgt Ion:244 Resp: 205677

Ion Ratio Lower Upper

244 100

212 6.4 5.0 7.4

122 12.6 9.0 13.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 2273

Delta R.T. 0.012 min

Lab File: BF136932.D

Acq: 04 Jan 2024 04:12

Tgt Ion:264 Resp: 85611

Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

265 22.9 17.0 25.6

