

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010524\
 Data File : BF136986.D
 Acq On : 05 Jan 2024 20:34
 Operator : CG\JU
 Sample : P1042-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20240104

Quant Time: Jan 05 22:53:07 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	51673	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	182819	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	83174	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	151963	20.000	ng	0.00
76) Chrysene-d12	13.969	240	134674	20.000	ng	0.00
86) Perylene-d12	15.457	264	112174	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	144336	43.583	ng	0.00
7) Phenol-d6	6.434	99	96859	22.571	ng	0.00
23) Nitrobenzene-d5	7.345	82	264110	73.924	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	105028	107.220	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	517173	83.631	ng	-0.01
79) Terphenyl-d14	12.910	244	537898	55.816	ng	0.00

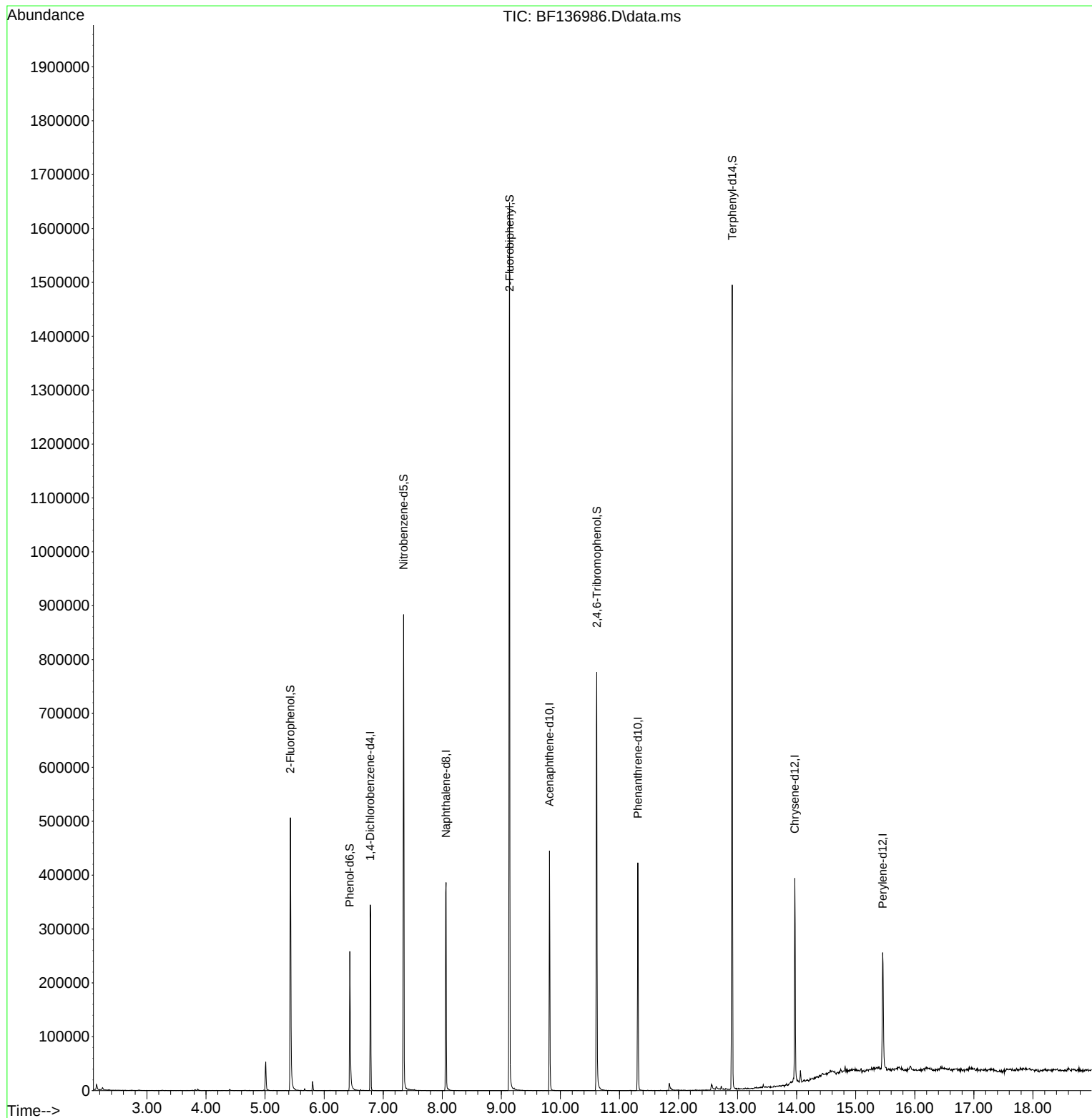
Target Compounds	Qvalue

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

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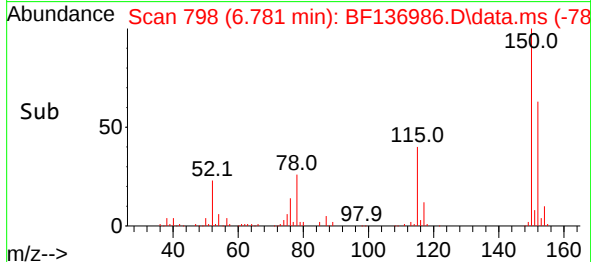
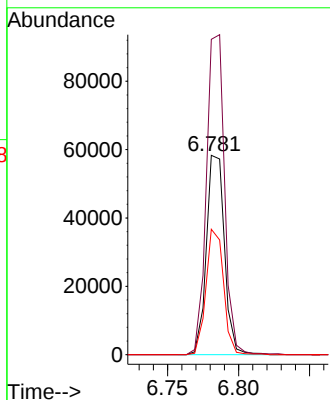
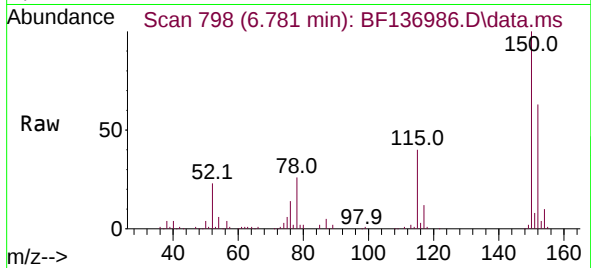




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.011 min
 Lab File: BF136986.D
 Acq: 05 Jan 2024 20:34

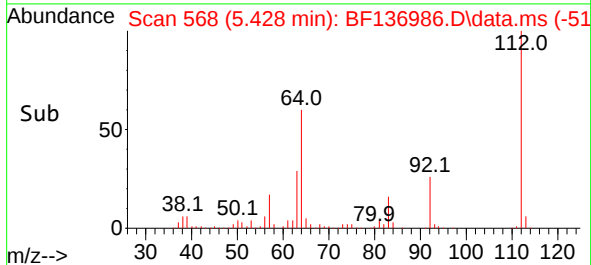
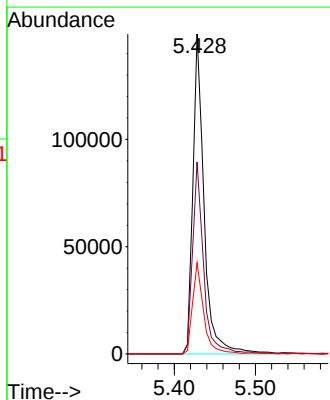
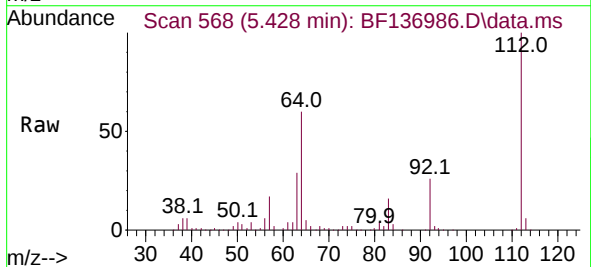
Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20240104

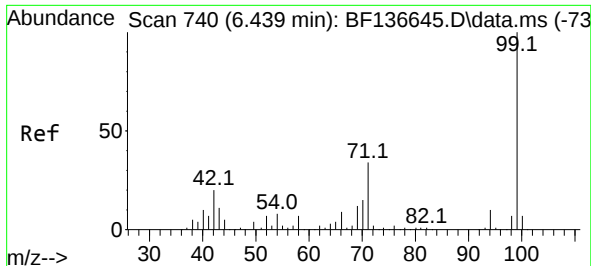
Tgt Ion:152 Resp: 51673
 Ion Ratio Lower Upper
 152 100
 150 158.2 127.0 190.6
 115 62.9 49.0 73.4



#5
 2-Fluorophenol
 Concen: 43.583 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.000 min
 Lab File: BF136986.D
 Acq: 05 Jan 2024 20:34

Tgt Ion:112 Resp: 144336
 Ion Ratio Lower Upper
 112 100
 64 59.9 51.1 76.7
 63 28.5 26.1 39.1

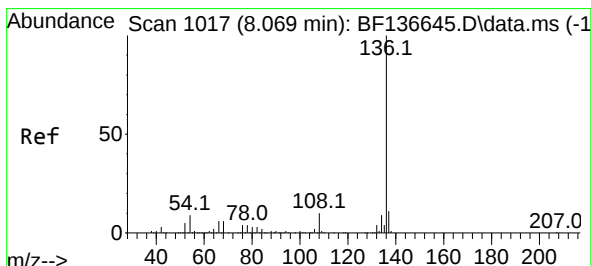
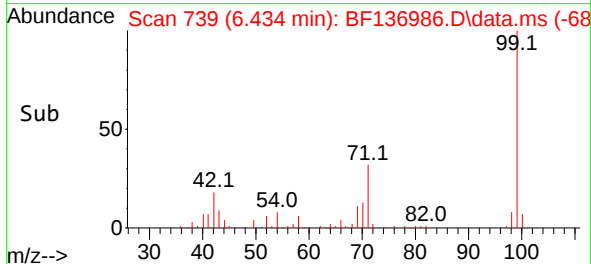
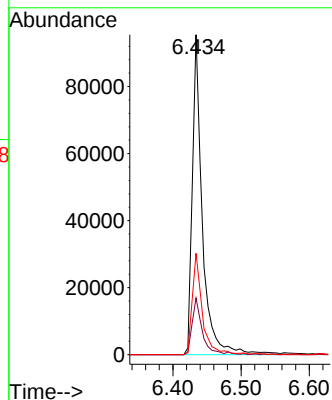
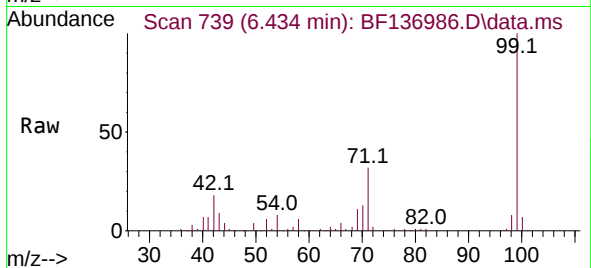




#7
Phenol-d6
Concen: 22.571 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136986.D
Acq: 05 Jan 2024 20:34

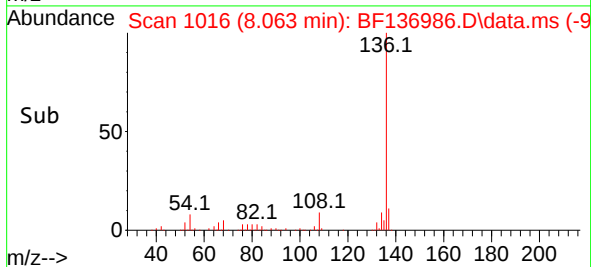
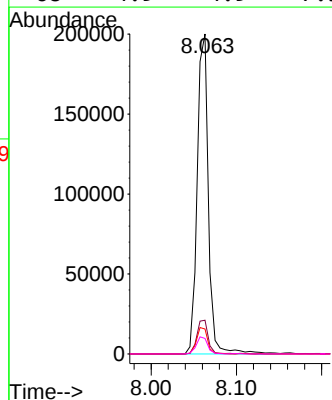
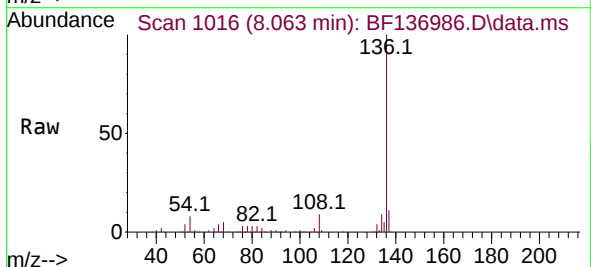
Instrument :
BNA_F
ClientSampleId :
SP-303-20240104

Tgt Ion: 99 Resp: 96859
Ion Ratio Lower Upper
99 100
42 17.7 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: BF136986.D
Acq: 05 Jan 2024 20:34

Tgt Ion: 136 Resp: 182819
Ion Ratio Lower Upper
136 100
137 10.6 9.0 13.4
54 7.8 7.2 10.8
68 4.9 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 73.924 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.012 min

Lab File: BF136986.D

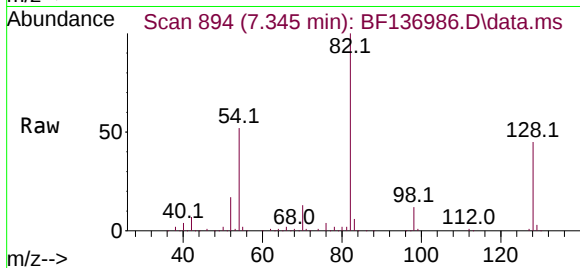
Acq: 05 Jan 2024 20:34

Instrument :

BNA_F

ClientSampleId :

SP-303-20240104



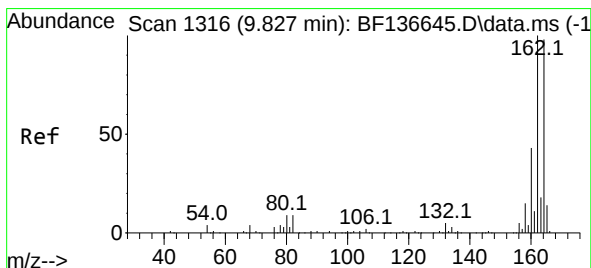
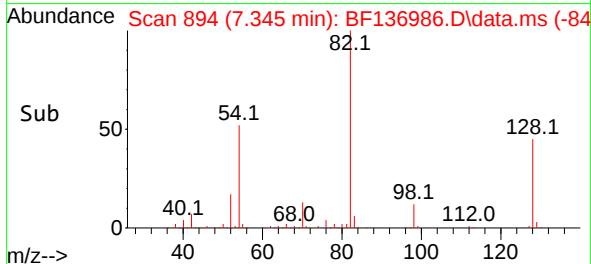
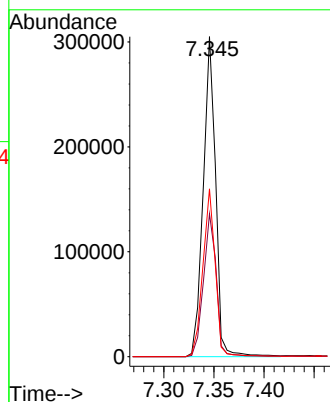
Tgt Ion: 82 Resp: 264110

Ion Ratio Lower Upper

82 100

128 44.6 35.3 52.9

54 52.4 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: BF136986.D

Acq: 05 Jan 2024 20:34

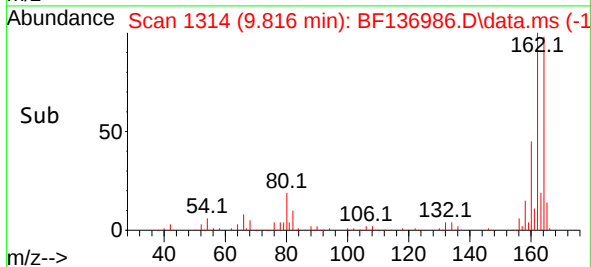
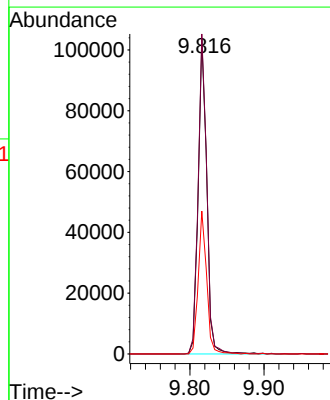
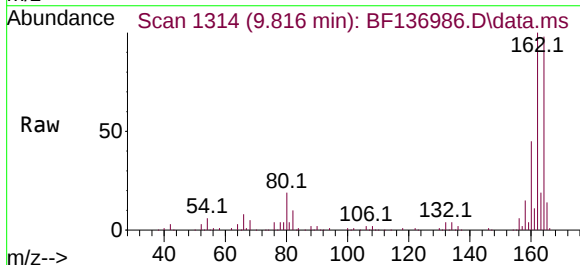
Tgt Ion:164 Resp: 83174

Ion Ratio Lower Upper

164 100

162 101.6 81.6 122.4

160 45.3 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 107.220 ng

RT: 10.616 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF136986.D

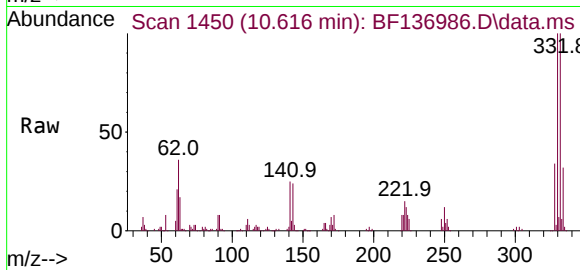
Acq: 05 Jan 2024 20:34

Instrument :

BNA_F

ClientSampleId :

SP-303-20240104



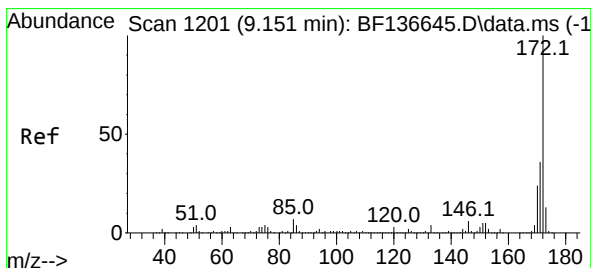
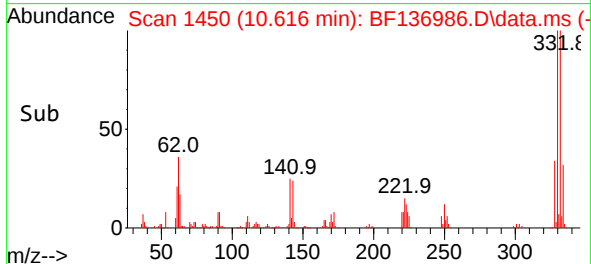
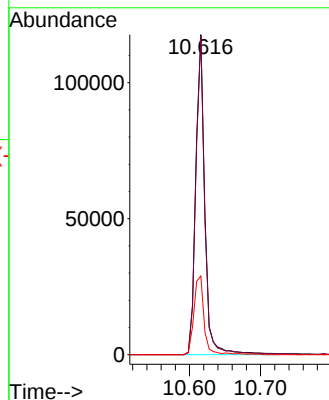
Tgt Ion:330 Resp: 105028

Ion Ratio Lower Upper

330 100

332 98.3 77.4 116.0

141 27.8 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 83.631 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.012 min

Lab File: BF136986.D

Acq: 05 Jan 2024 20:34

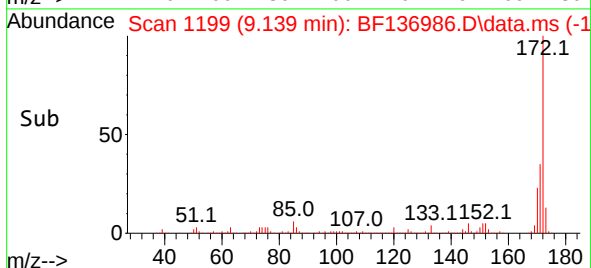
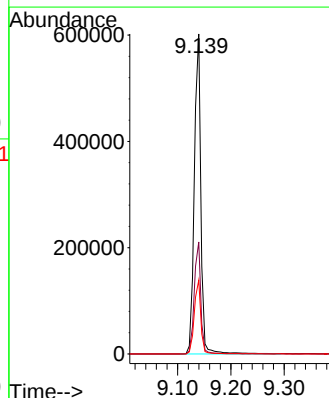
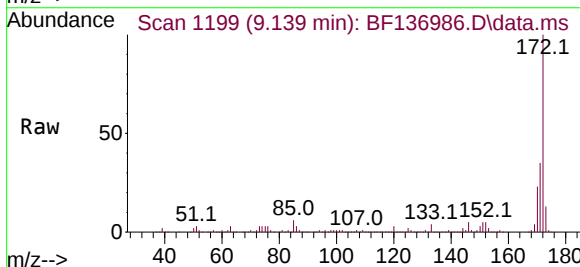
Tgt Ion:172 Resp: 517173

Ion Ratio Lower Upper

172 100

171 35.0 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: BF136986.D

Acq: 05 Jan 2024 20:34

Instrument :

BNA_F

ClientSampleId :

SP-303-20240104

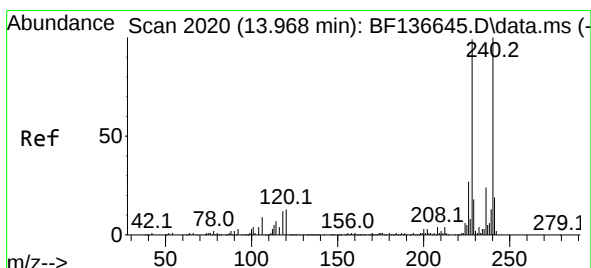
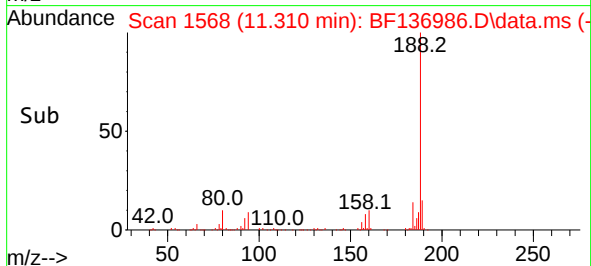
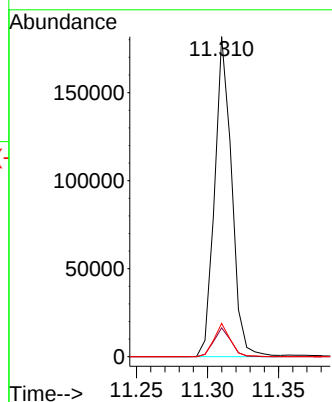
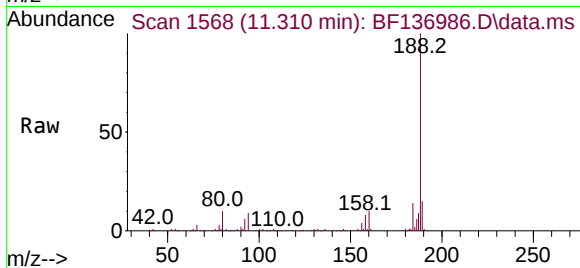
Tgt Ion:188 Resp: 151963

Ion Ratio Lower Upper

188 100

94 9.0 7.5 11.3

80 10.4 8.1 12.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.969 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF136986.D

Acq: 05 Jan 2024 20:34

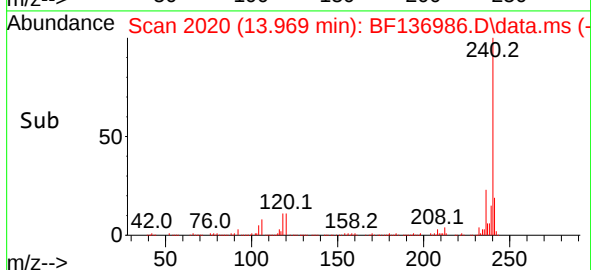
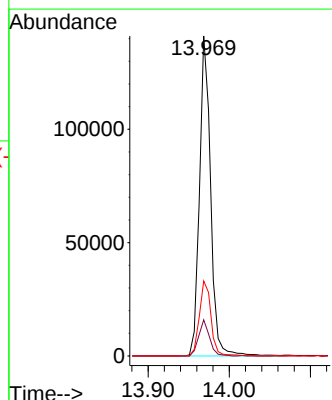
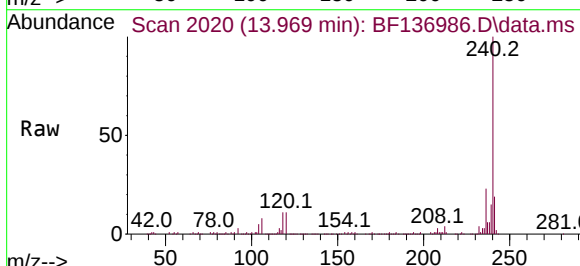
Tgt Ion:240 Resp: 134674

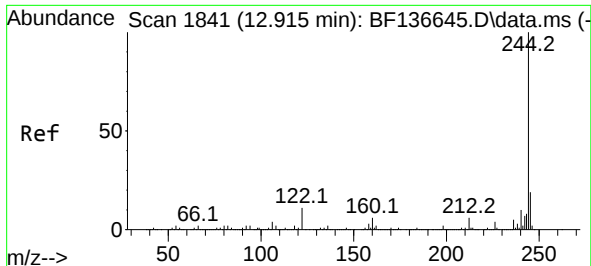
Ion Ratio Lower Upper

240 100

120 11.3 10.3 15.5

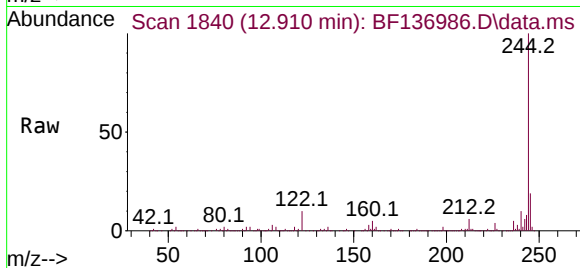
236 23.4 19.4 29.2



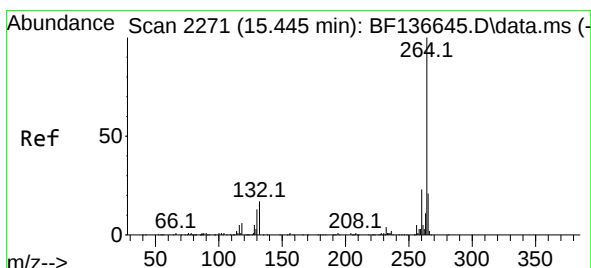
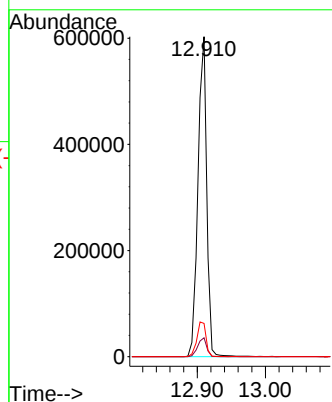
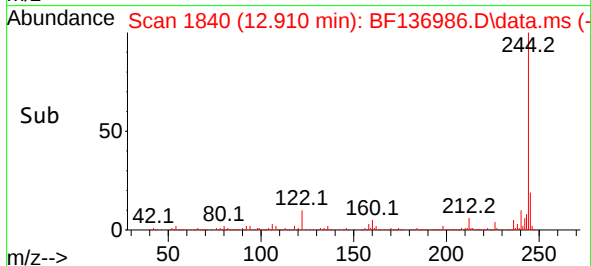


#79
Terphenyl-d14
Concen: 55.816 ng
RT: 12.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136986.D
Acq: 05 Jan 2024 20:34

Instrument :
BNA_F
ClientSampleId :
SP-303-20240104



Tgt Ion:244 Resp: 537898
Ion Ratio Lower Upper
244 100
212 5.9 5.0 7.4
122 10.4 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: BF136986.D
Acq: 05 Jan 2024 20:34

Tgt Ion:264 Resp: 112174
Ion Ratio Lower Upper
264 100
260 22.8 18.3 27.5
265 19.3 17.0 25.6

