

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011124\
 Data File : BF137037.D
 Acq On : 11 Jan 2024 14:15
 Operator : CG\JU
 Sample : PB158373BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158373BL

Quant Time: Jan 11 14:41:48 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	84199	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	322011	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	167581	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	336508	20.000	ng	0.00
76) Chrysene-d12	13.974	240	194612	20.000	ng	0.00
86) Perylene-d12	15.462	264	164044	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	757959	140.457	ng	0.02
7) Phenol-d6	6.445	99	941928	134.707	ng	0.00
23) Nitrobenzene-d5	7.357	82	598771	95.151	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	270252	136.931	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1170697	93.959	ng	0.00
79) Terphenyl-d14	12.915	244	1305956	93.778	ng	0.00

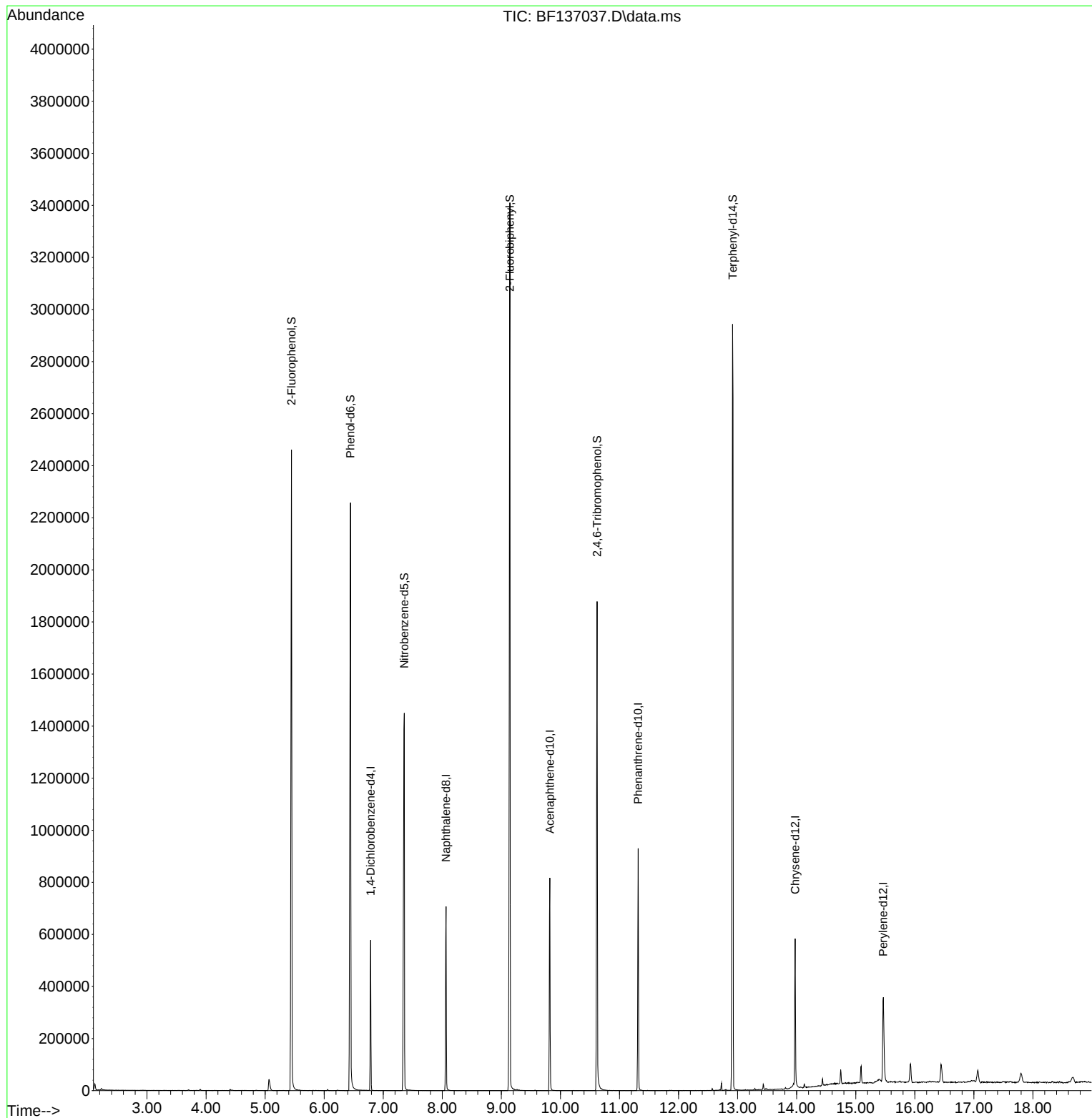
Target Compounds	Qvalue

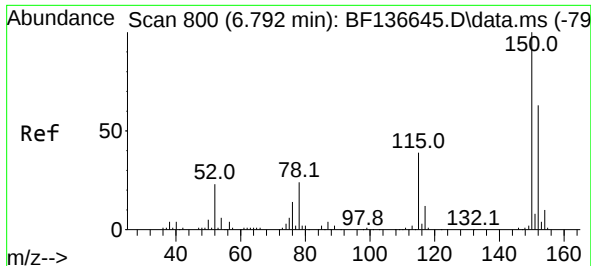
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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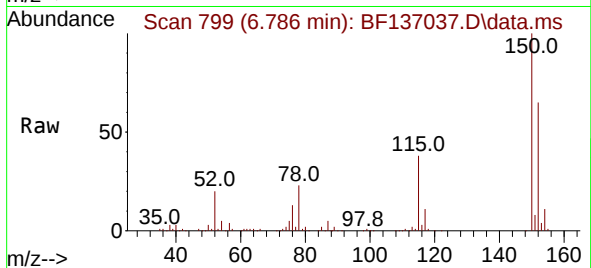
Quant Time: Jan 11 14:41:48 2024
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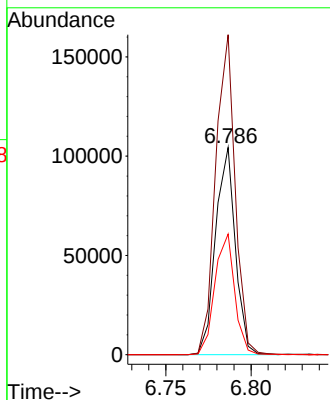
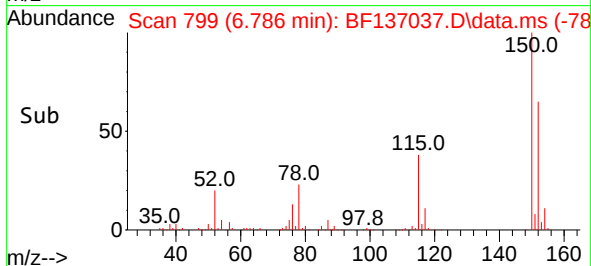


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.786 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137037.D
Acq: 11 Jan 2024 14:15

Instrument :
BNA_F
ClientSampleId :
PB158373BL

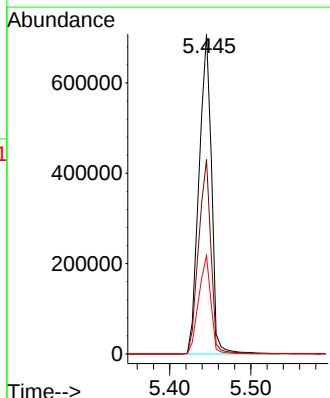
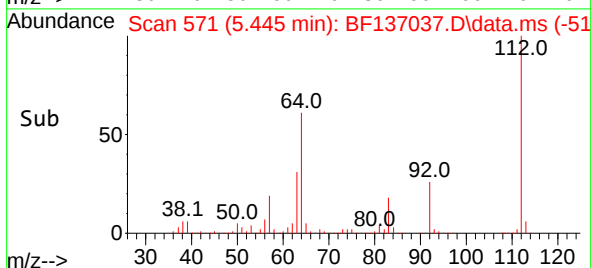
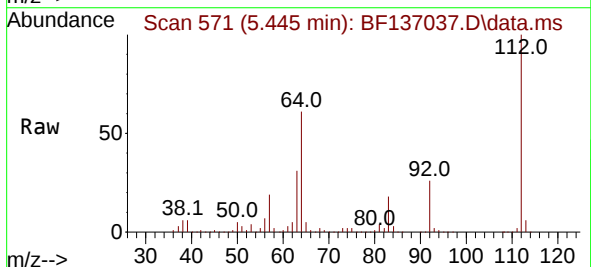


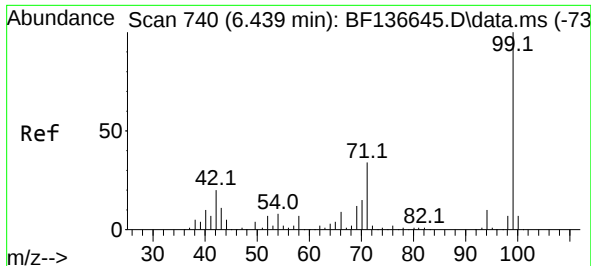
Tgt Ion:152 Resp: 84199
Ion Ratio Lower Upper
152 100
150 154.5 127.0 190.6
115 58.2 49.0 73.4



#5
2-Fluorophenol
Concen: 140.457 ng
RT: 5.445 min Scan# 571
Delta R.T. 0.018 min
Lab File: BF137037.D
Acq: 11 Jan 2024 14:15

Tgt Ion:112 Resp: 757959
Ion Ratio Lower Upper
112 100
64 60.7 51.1 76.7
63 30.7 26.1 39.1





#7

Phenol-d6

Concen: 134.707 ng

RT: 6.445 min Scan# 74

Delta R.T. 0.006 min

Lab File: BF137037.D

Acq: 11 Jan 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB158373BL

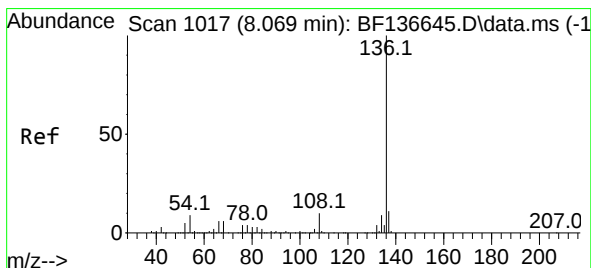
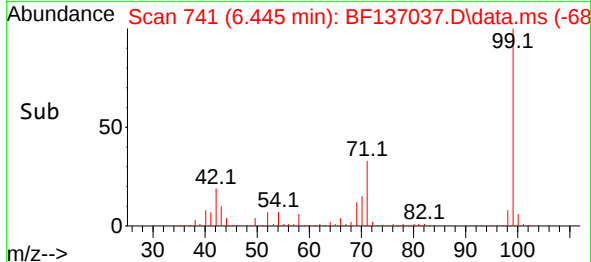
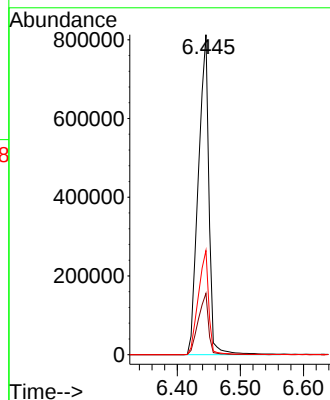
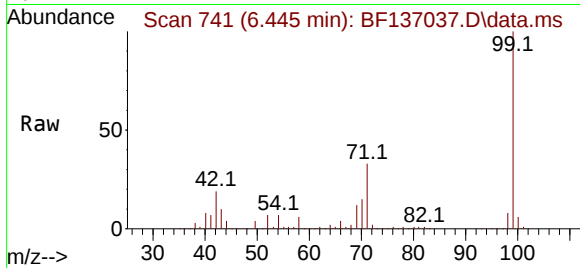
Tgt Ion: 99 Resp: 941928

Ion Ratio Lower Upper

99 100

42 19.1 16.1 24.1

71 32.6 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: BF137037.D

Acq: 11 Jan 2024 14:15

Tgt Ion: 136 Resp: 322011

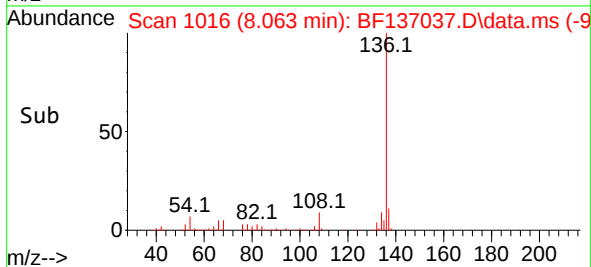
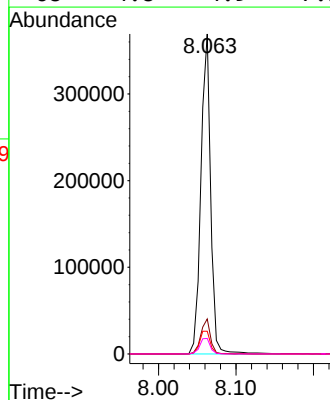
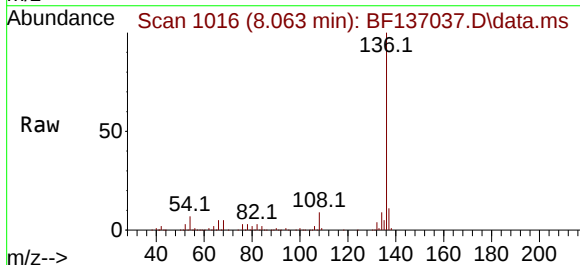
Ion Ratio Lower Upper

136 100

137 10.9 9.0 13.4

54 7.1 7.2 10.8#

68 4.8 4.9 7.3#

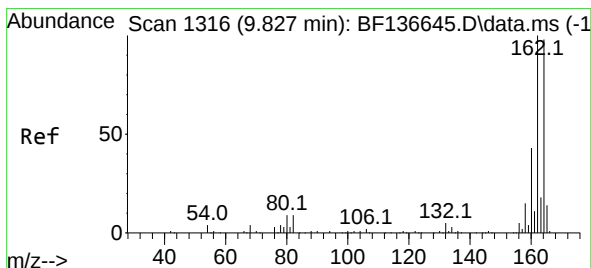
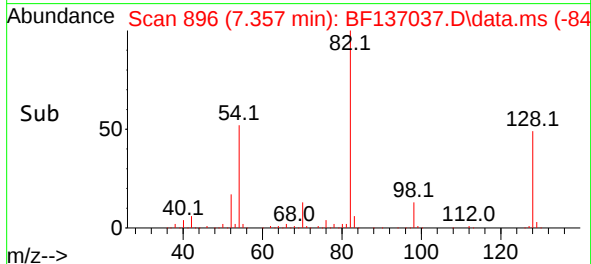
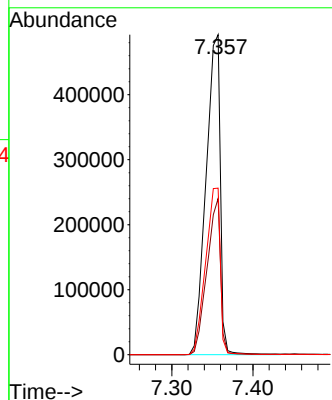
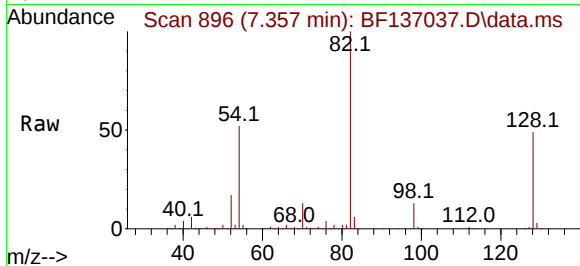




#23
Nitrobenzene-d5
Concen: 95.151 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF137037.D
Acq: 11 Jan 2024 14:15

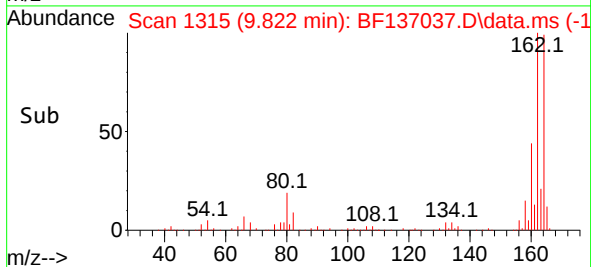
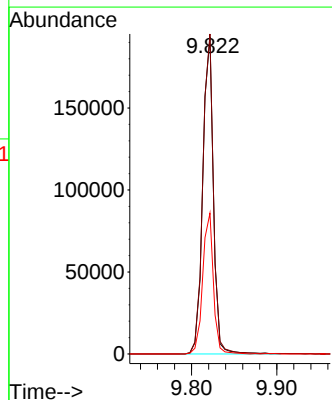
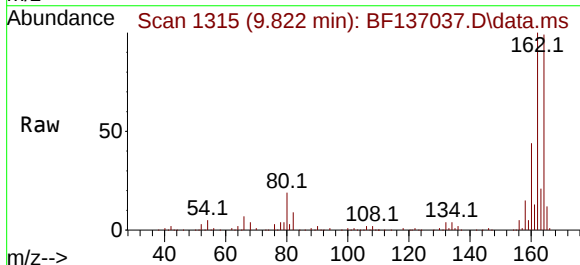
Instrument :
BNA_F
ClientSampleId :
PB158373BL

Tgt Ion: 82 Resp: 598771
Ion Ratio Lower Upper
82 100
128 48.8 35.3 52.9
54 52.1 44.5 66.7



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.822 min Scan# 1315
Delta R.T. -0.006 min
Lab File: BF137037.D
Acq: 11 Jan 2024 14:15

Tgt Ion:164 Resp: 167581
Ion Ratio Lower Upper
164 100
162 100.9 81.6 122.4
160 44.4 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 136.931 ng

RT: 10.622 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF137037.D

Acq: 11 Jan 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB158373BL

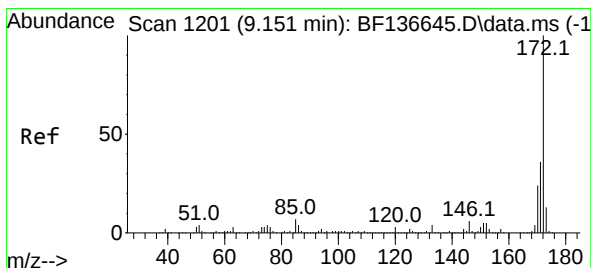
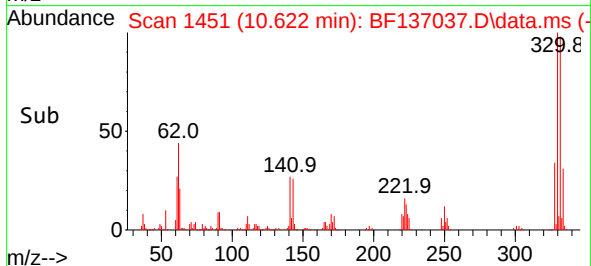
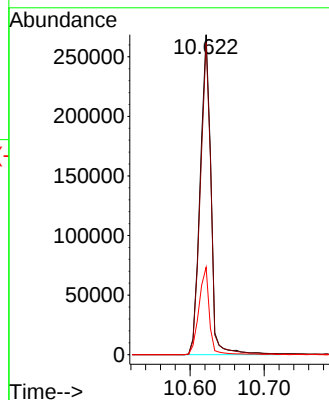
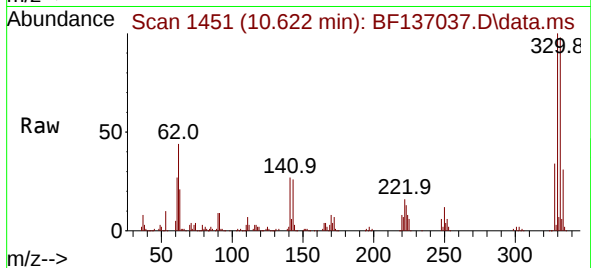
Tgt Ion:330 Resp: 270252

Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 26.7 23.4 35.2



#45

2-Fluorobiphenyl

Concen: 93.959 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF137037.D

Acq: 11 Jan 2024 14:15

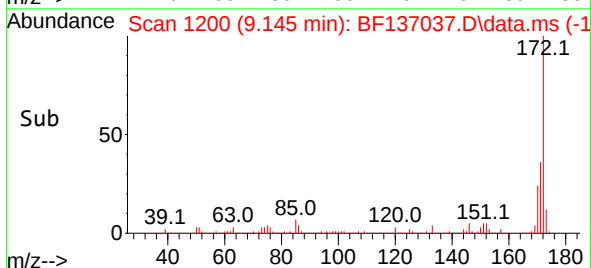
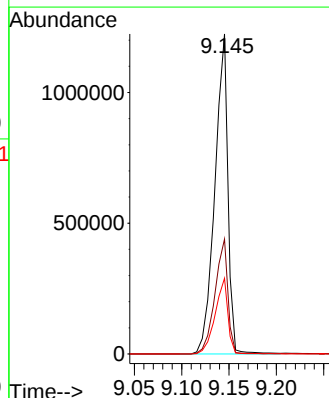
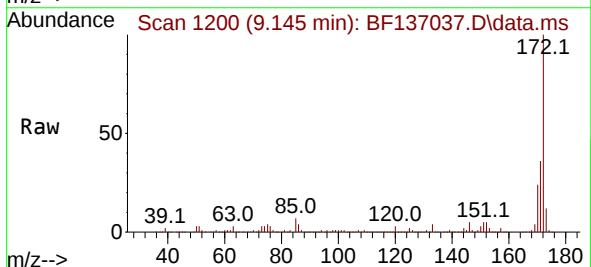
Tgt Ion:172 Resp: 1170697

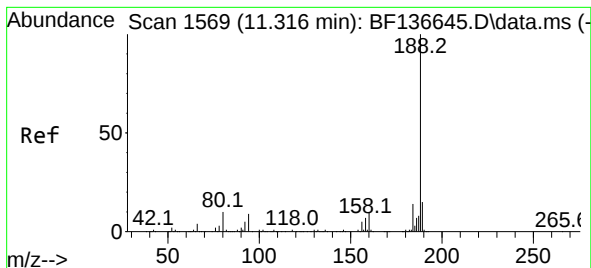
Ion Ratio Lower Upper

172 100

171 35.9 29.0 43.6

170 23.6 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.316 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF137037.D

Acq: 11 Jan 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB158373BL

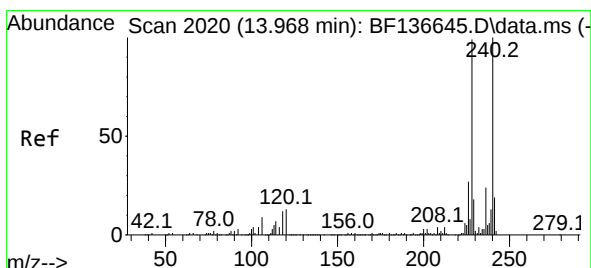
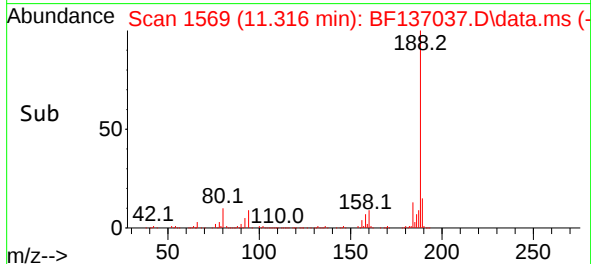
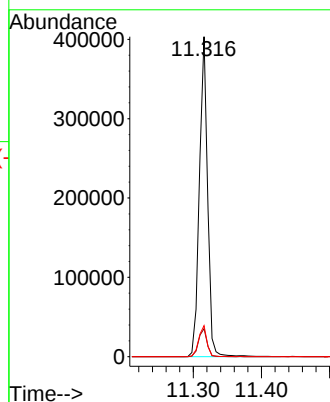
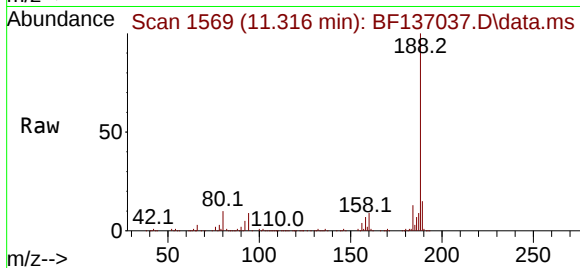
Tgt Ion:188 Resp: 336508

Ion Ratio Lower Upper

188 100

94 8.7 7.5 11.3

80 9.7 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: BF137037.D

Acq: 11 Jan 2024 14:15

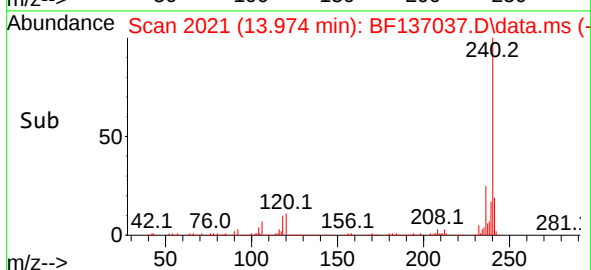
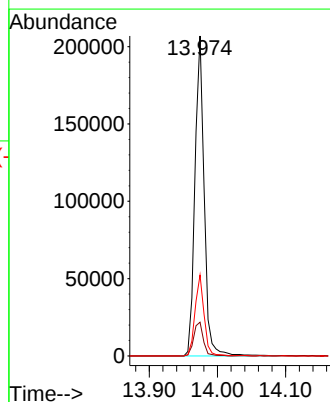
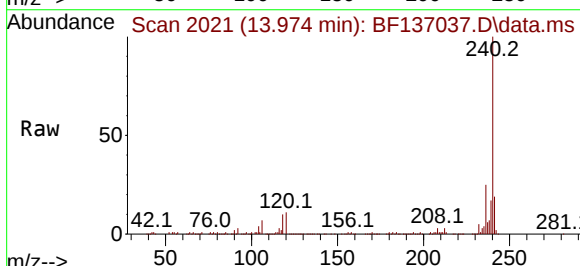
Tgt Ion:240 Resp: 194612

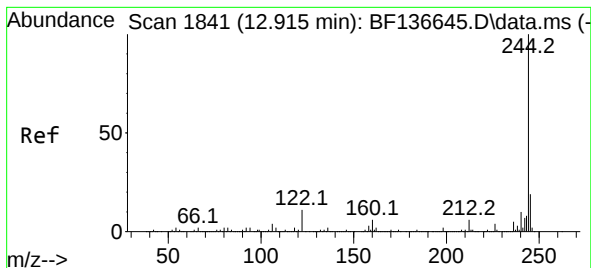
Ion Ratio Lower Upper

240 100

120 10.6 10.3 15.5

236 25.3 19.4 29.2





#79

Terphenyl-d14

Concen: 93.778 ng

RT: 12.915 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BF137037.D

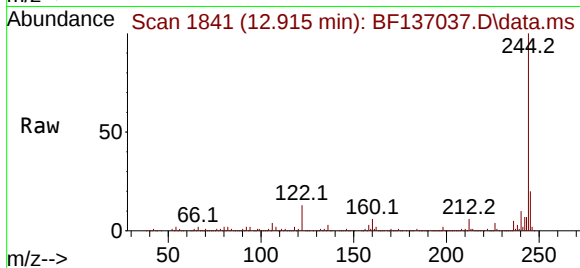
Acq: 11 Jan 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB158373BL



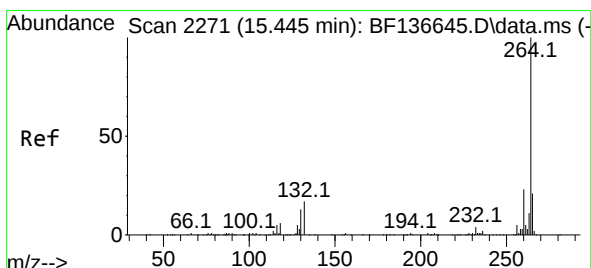
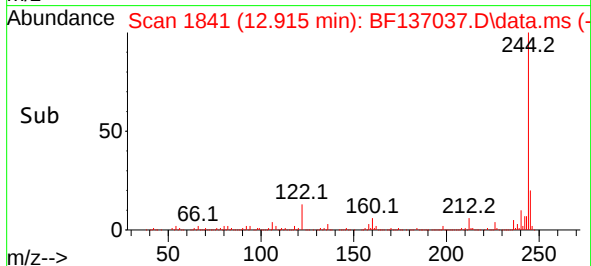
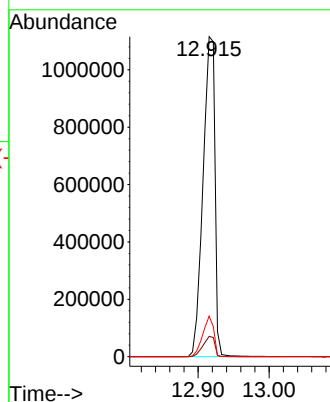
Tgt Ion:244 Resp: 1305956

Ion Ratio Lower Upper

244 100

212 6.3 5.0 7.4

122 12.7 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: BF137037.D

Acq: 11 Jan 2024 14:15

Tgt Ion:264 Resp: 164044

Ion Ratio Lower Upper

264 100

260 23.1 18.3 27.5

265 21.7 17.0 25.6

