

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032024\
 Data File : BF137652.D
 Acq On : 20 Mar 2024 13:40
 Operator : CG\JU
 Sample : PB159685BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159685BL

Quant Time: Mar 20 14:28:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 14 14:45:20 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.728	152	196347	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	756220	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	386893	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	664381	20.000	ng	0.00
76) Chrysene-d12	13.874	240	404608	20.000	ng	0.00
86) Perylene-d12	15.298	264	333350	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.346	112	1532790	118.233	ng	0.01
7) Phenol-d6	6.369	99	2042455	109.144	ng	0.00
23) Nitrobenzene-d5	7.292	82	1334580	82.000	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	415137	122.186	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2116382	85.628	ng	0.00
79) Terphenyl-d14	12.833	244	2281801	77.550	ng	0.00

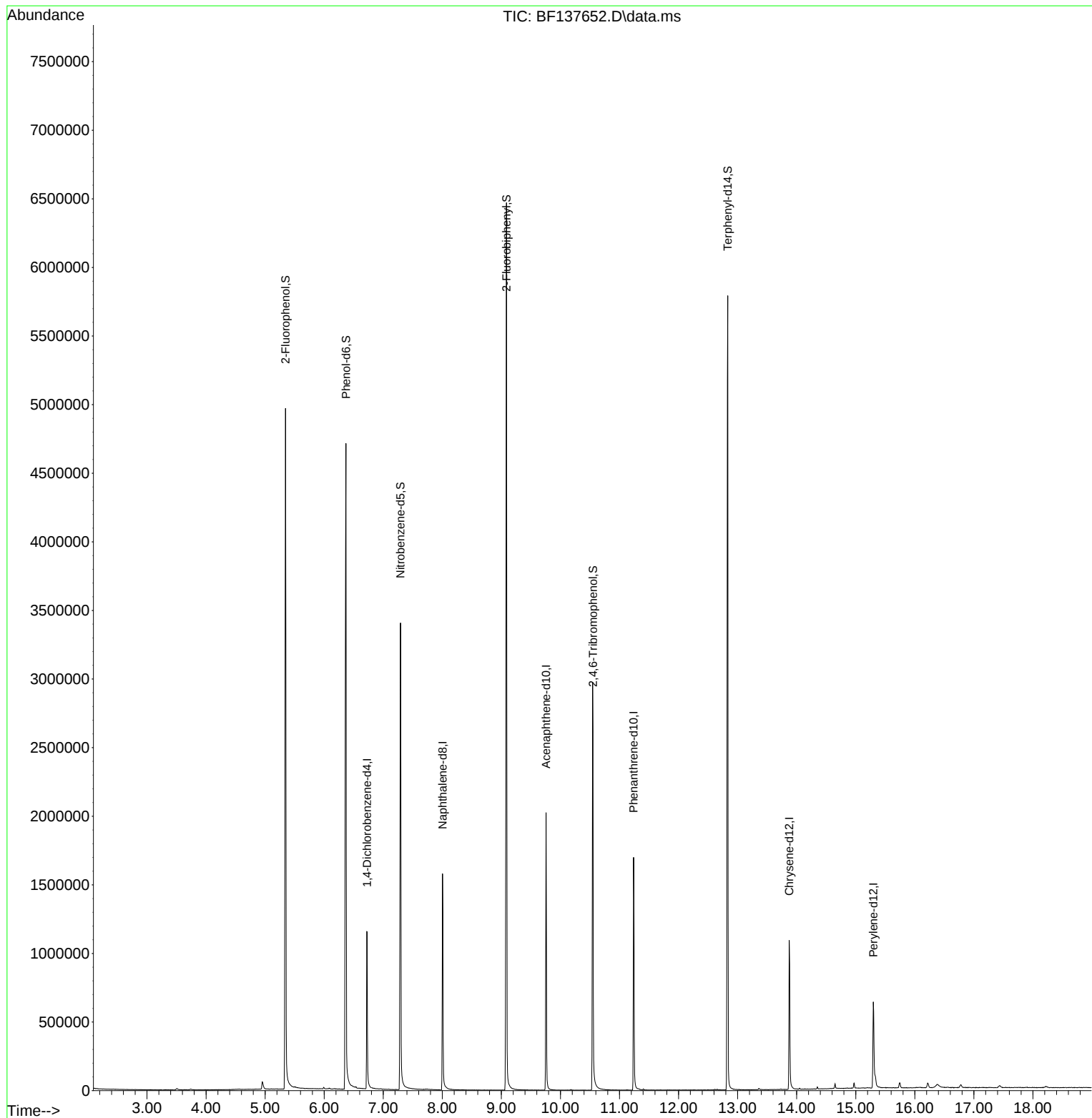
Target Compounds	Qvalue

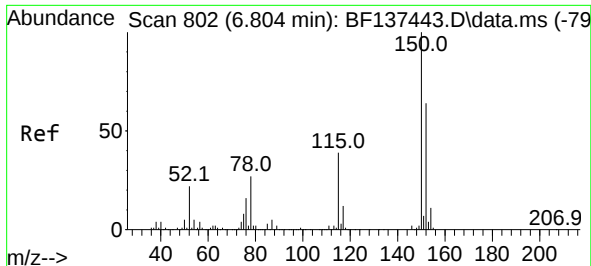
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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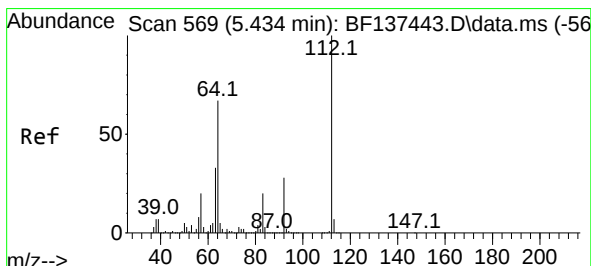
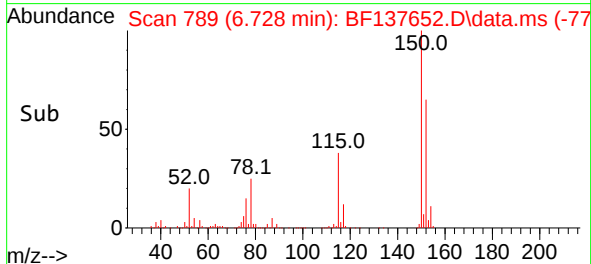
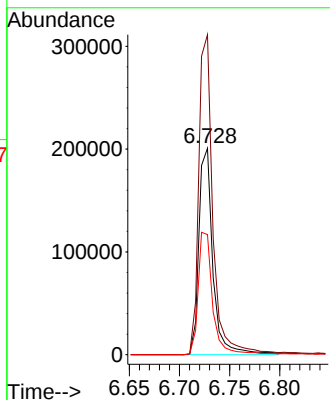
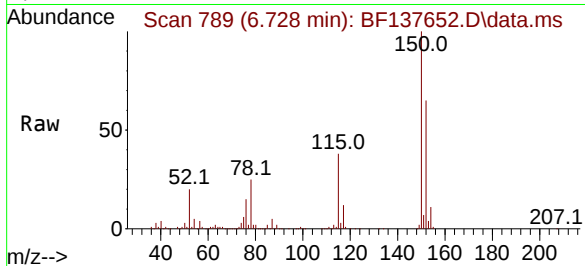




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137652.D
Acq: 20 Mar 2024 13:40

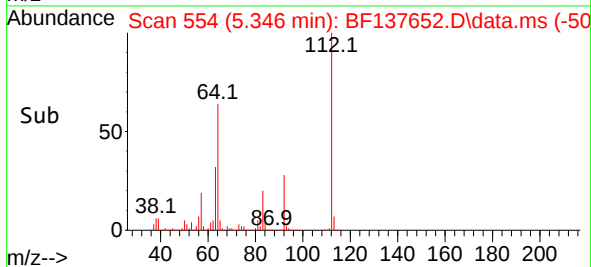
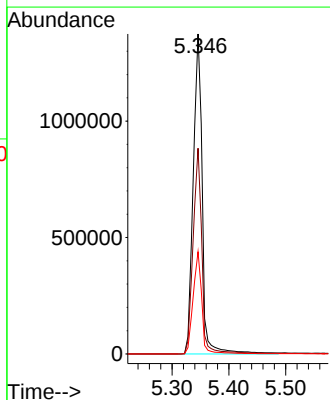
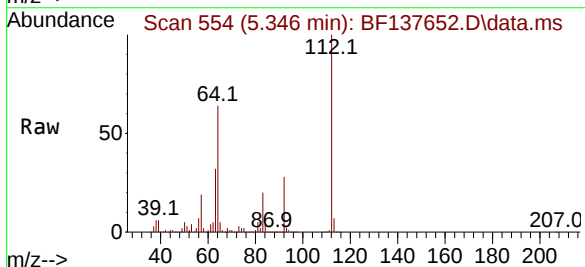
Instrument :
BNA_F
ClientSampleId :
PB159685BL

Tgt Ion:152 Resp: 196347
Ion Ratio Lower Upper
152 100
150 155.0 125.8 188.6
115 58.2 48.8 73.2



#5
2-Fluorophenol
Concen: 118.233 ng
RT: 5.346 min Scan# 554
Delta R.T. 0.012 min
Lab File: BF137652.D
Acq: 20 Mar 2024 13:40

Tgt Ion:112 Resp: 1532790
Ion Ratio Lower Upper
112 100
64 64.3 53.4 80.2
63 32.0 26.2 39.2

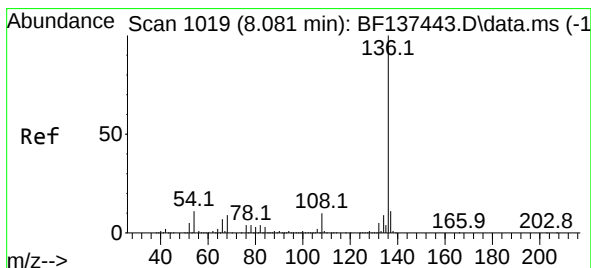
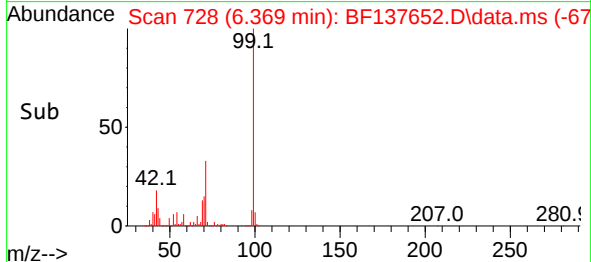
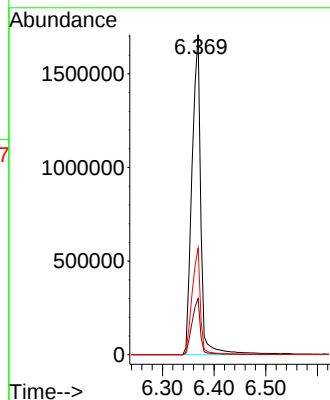
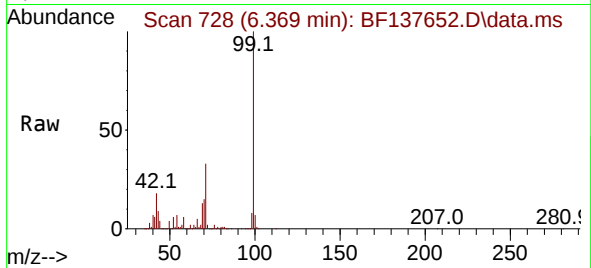




#7
Phenol-d6
Concen: 109.144 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137652.D
Acq: 20 Mar 2024 13:40

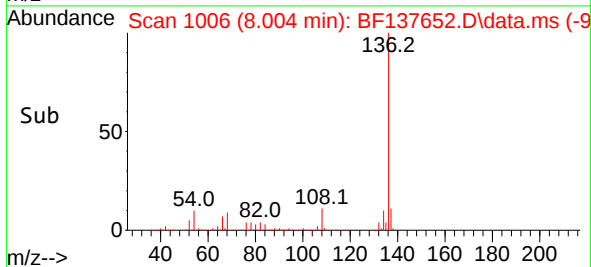
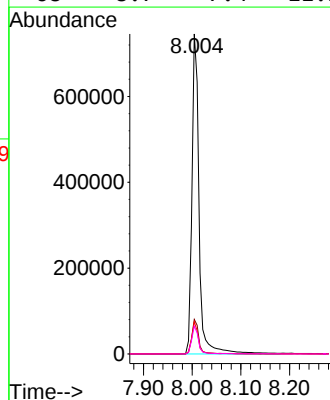
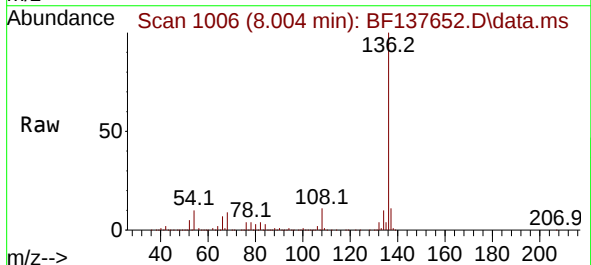
Instrument :
BNA_F
ClientSampleId :
PB159685BL

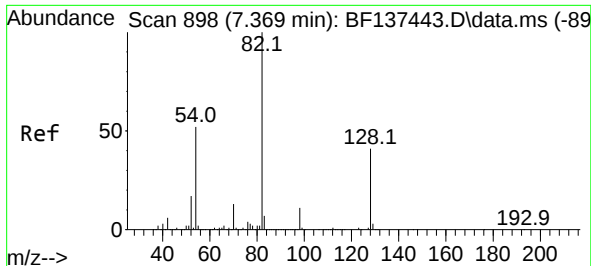
Tgt Ion: 99 Resp: 2042455
Ion Ratio Lower Upper
99 100
42 17.6 14.6 21.8
71 33.2 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137652.D
Acq: 20 Mar 2024 13:40

Tgt Ion: 136 Resp: 756220
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 10.0 8.5 12.7
68 8.7 7.4 11.2





#23

Nitrobenzene-d5

Concen: 82.000 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF137652.D

Acq: 20 Mar 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB159685BL

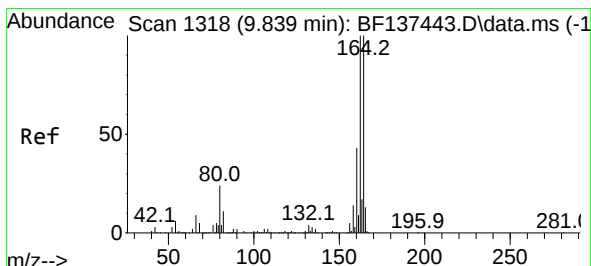
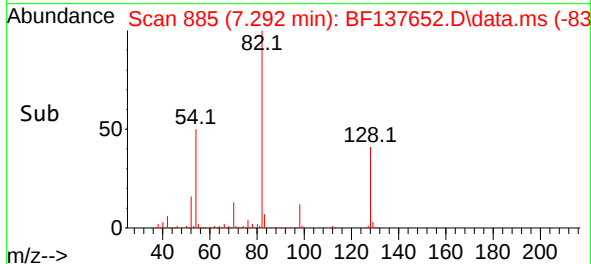
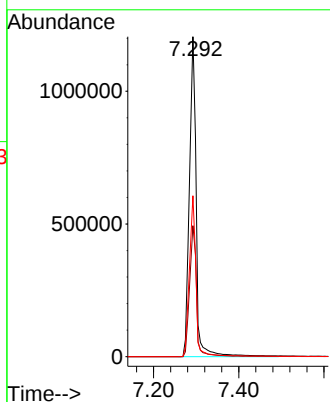
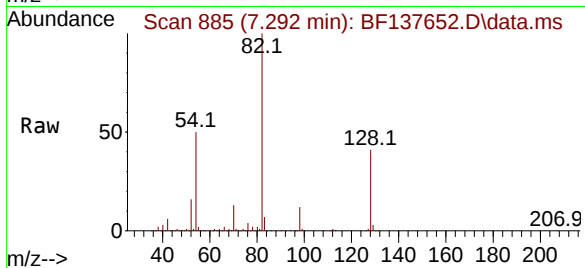
Tgt Ion: 82 Resp: 1334580

Ion Ratio Lower Upper

82 100

128 40.9 32.5 48.7

54 50.3 41.5 62.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.757 min Scan# 1304

Delta R.T. -0.006 min

Lab File: BF137652.D

Acq: 20 Mar 2024 13:40

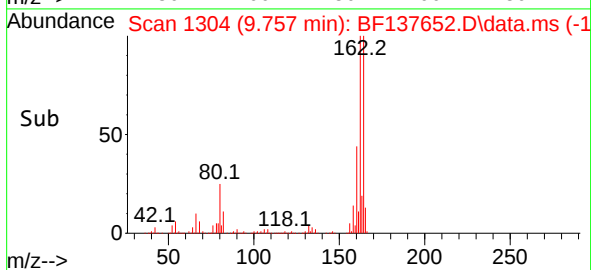
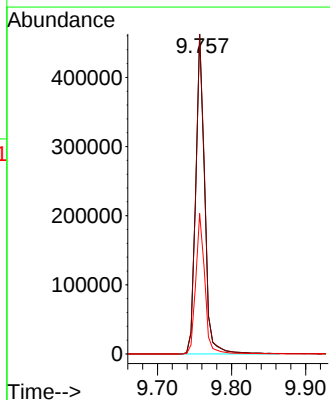
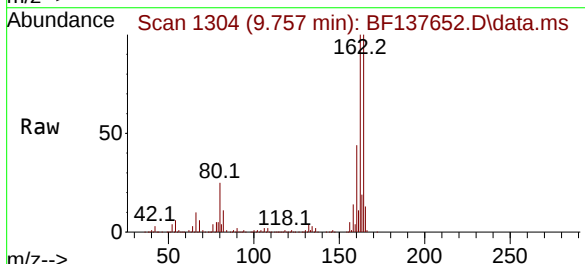
Tgt Ion: 164 Resp: 386893

Ion Ratio Lower Upper

164 100

162 100.0 79.8 119.8

160 43.9 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 122.186 ng

RT: 10.551 min Scan# 1453

Delta R.T. -0.000 min

Lab File: BF137652.D

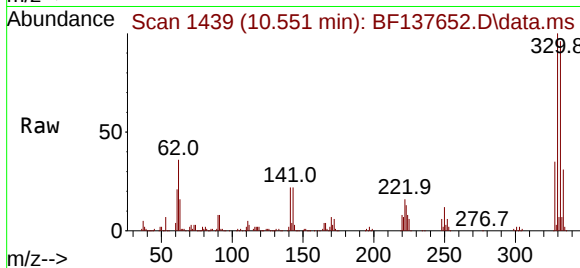
Acq: 20 Mar 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB159685BL



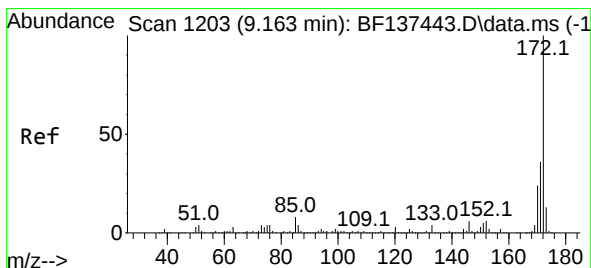
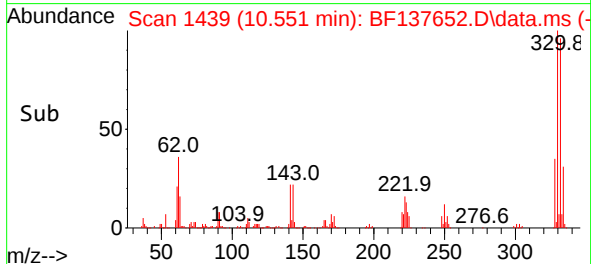
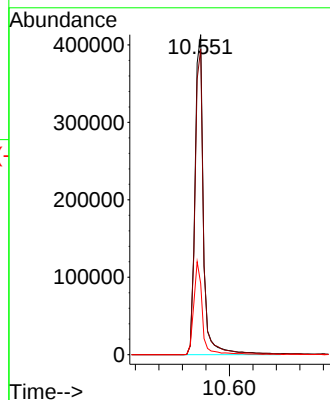
Tgt Ion:330 Resp: 415137

Ion Ratio Lower Upper

330 100

332 95.9 78.0 117.0

141 29.8 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 85.628 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF137652.D

Acq: 20 Mar 2024 13:40

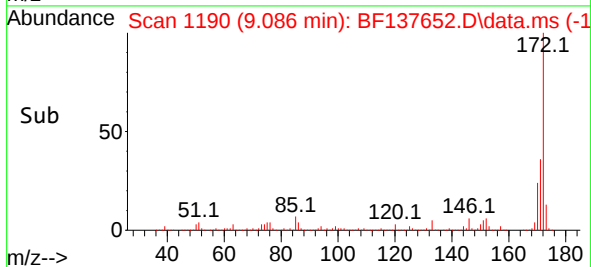
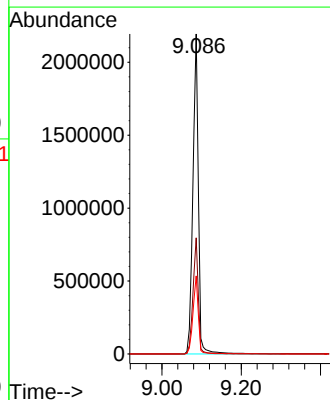
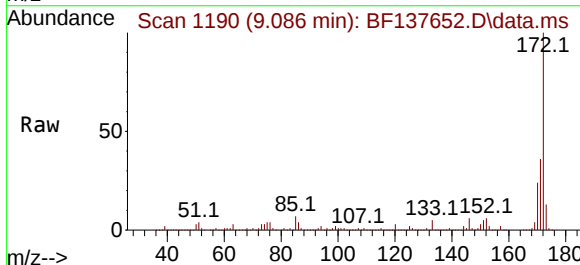
Tgt Ion:172 Resp: 2116382

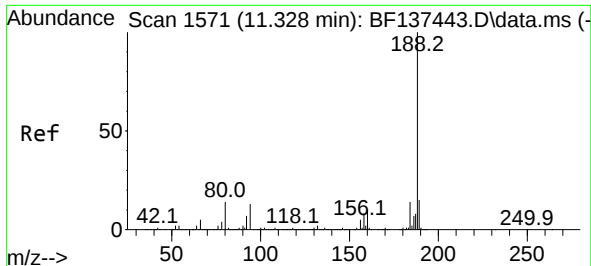
Ion Ratio Lower Upper

172 100

171 36.3 28.5 42.7

170 24.4 19.0 28.6

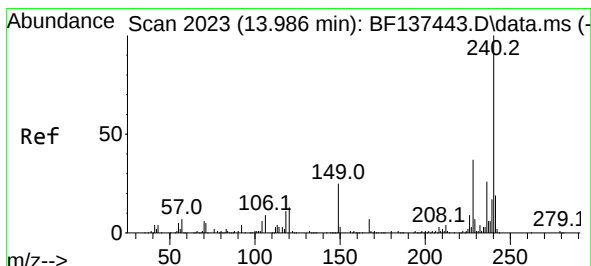
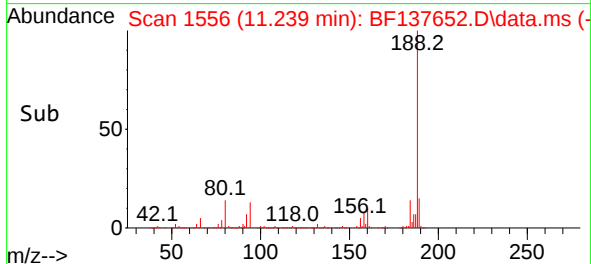
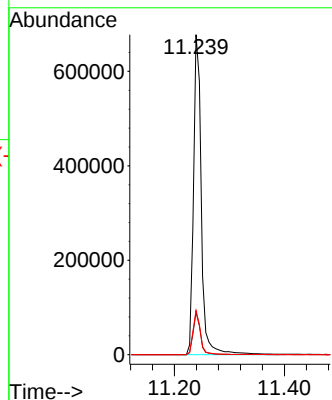
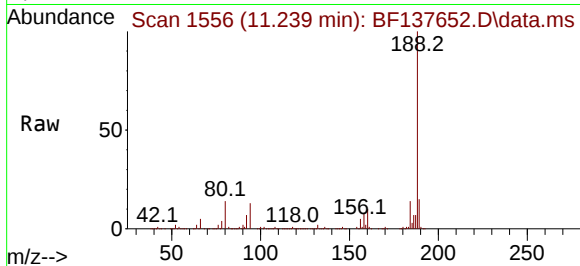




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF137652.D
Acq: 20 Mar 2024 13:40

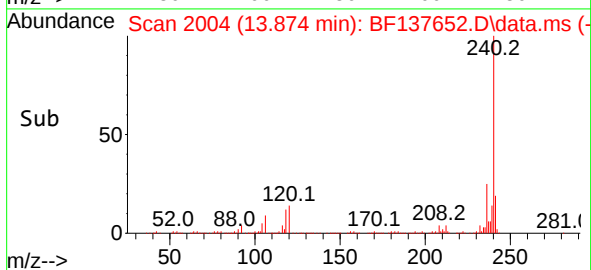
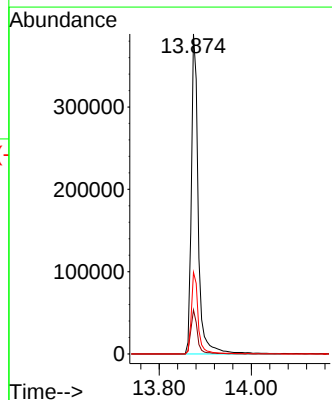
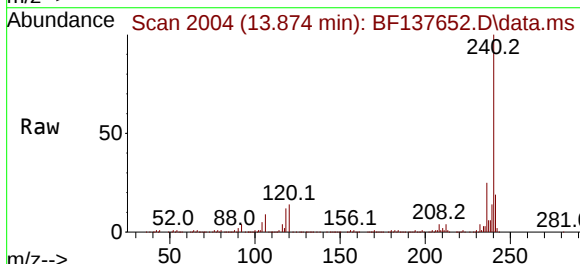
Instrument :
BNA_F
ClientSampleId :
PB159685BL

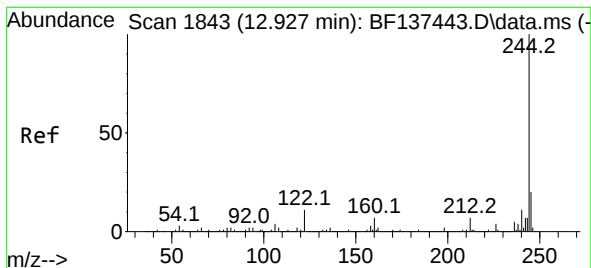
Tgt Ion:188 Resp: 664381
Ion Ratio Lower Upper
188 100
94 13.2 10.6 15.8
80 13.8 11.5 17.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.874 min Scan# 2004
Delta R.T. -0.000 min
Lab File: BF137652.D
Acq: 20 Mar 2024 13:40

Tgt Ion:240 Resp: 404608
Ion Ratio Lower Upper
240 100
120 13.8 10.4 15.6
236 25.5 20.9 31.3





#79

Terphenyl-d14

Concen: 77.550 ng

RT: 12.833 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF137652.D

Acq: 20 Mar 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB159685BL

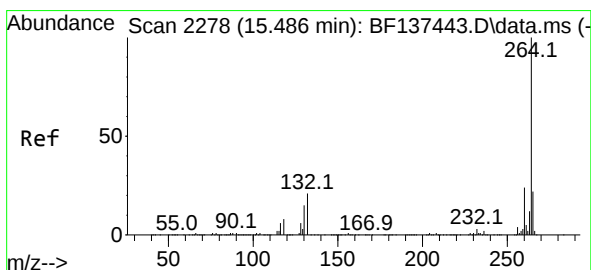
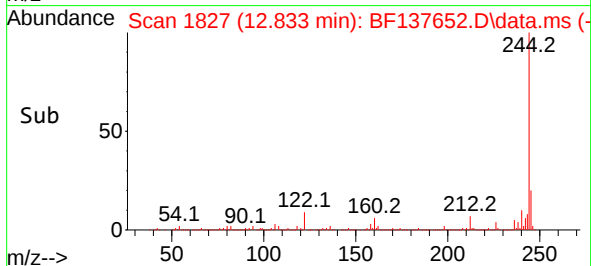
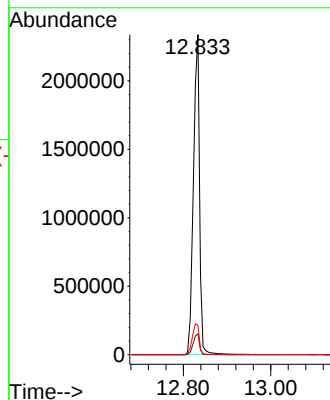
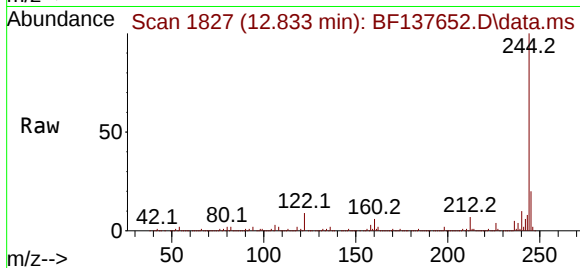
Tgt Ion:244 Resp: 2281801

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 9.2 9.1 13.7



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.298 min Scan# 2246

Delta R.T. -0.000 min

Lab File: BF137652.D

Acq: 20 Mar 2024 13:40

Tgt Ion:264 Resp: 333350

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 21.0 17.4 26.0

