

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031924\
 Data File : BF137645.D
 Acq On : 19 Mar 2024 13:40
 Operator : CG\JU
 Sample : PB159655BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159655BL

Quant Time: Mar 19 14:03:57 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	206459	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	818224	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	435382	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	749421	20.000	ng	0.00
76) Chrysene-d12	13.874	240	476432	20.000	ng	0.00
86) Perylene-d12	15.298	264	401313	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1605660	117.788	ng	0.02
7) Phenol-d6	6.369	99	2135833	108.544	ng	0.00
23) Nitrobenzene-d5	7.292	82	1338912	76.032	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	492632	128.846	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2179437	78.359	ng	0.00
79) Terphenyl-d14	12.833	244	2406070	69.445	ng	0.00

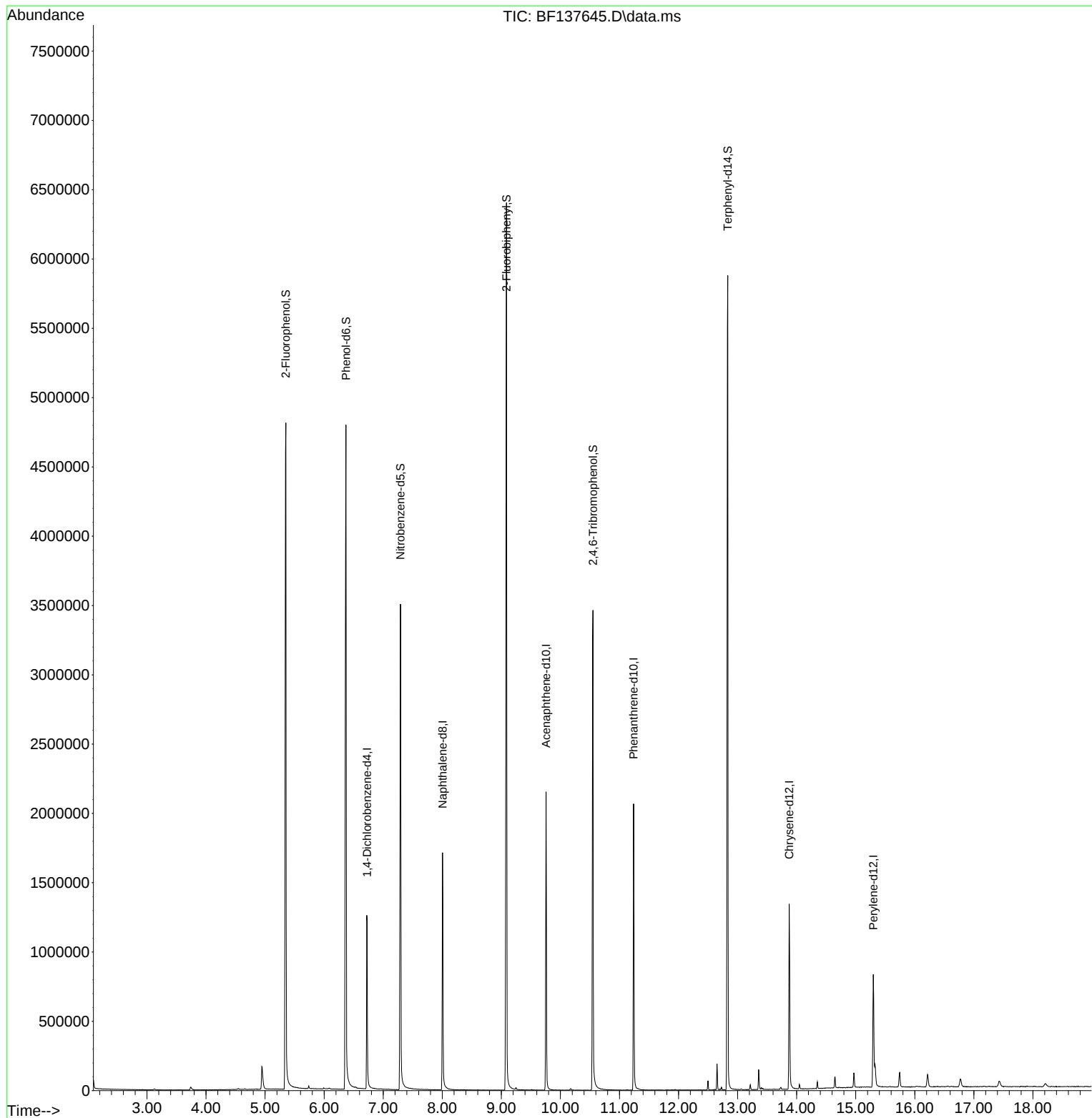
Target Compounds	Qvalue

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

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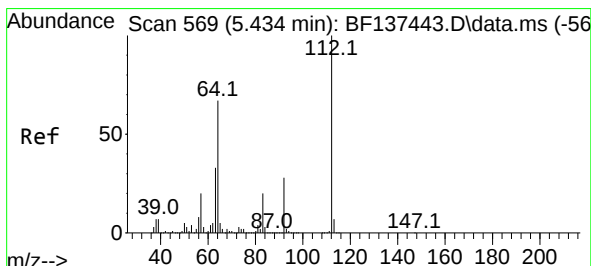
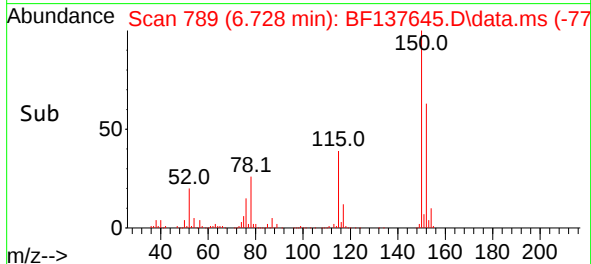
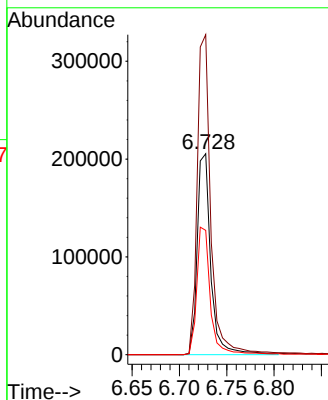
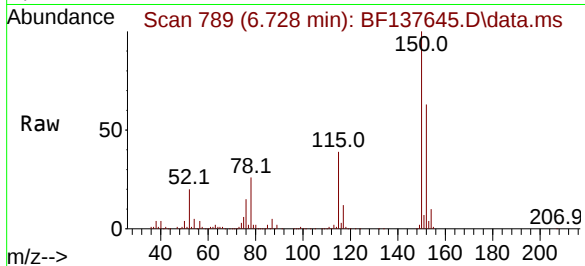




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137645.D
Acq: 19 Mar 2024 13:40

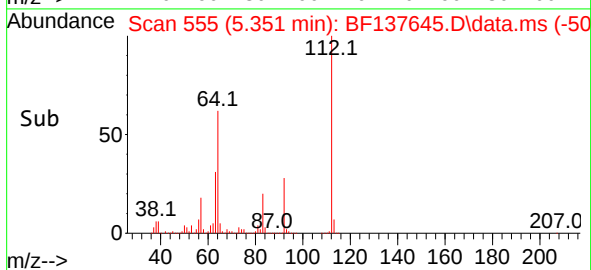
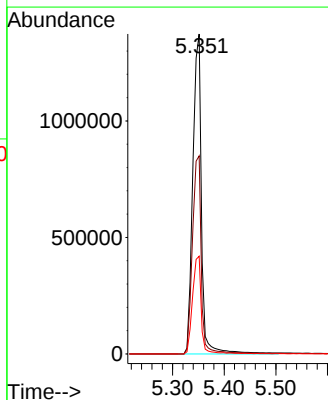
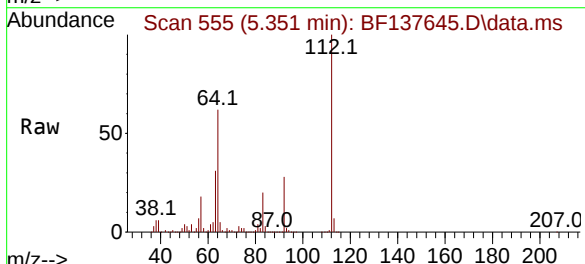
Instrument :
BNA_F
ClientSampleId :
PB159655BL

Tgt Ion:152 Resp: 206459
Ion Ratio Lower Upper
152 100
150 159.3 125.8 188.6
115 61.9 48.8 73.2



#5
2-Fluorophenol
Concen: 117.788 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.018 min
Lab File: BF137645.D
Acq: 19 Mar 2024 13:40

Tgt Ion:112 Resp: 1605660
Ion Ratio Lower Upper
112 100
64 61.9 53.4 80.2
63 30.6 26.2 39.2

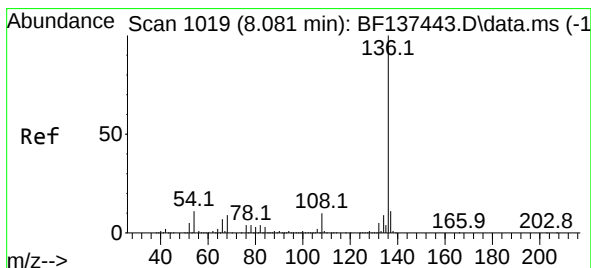
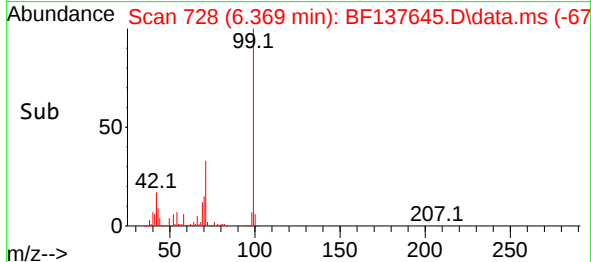
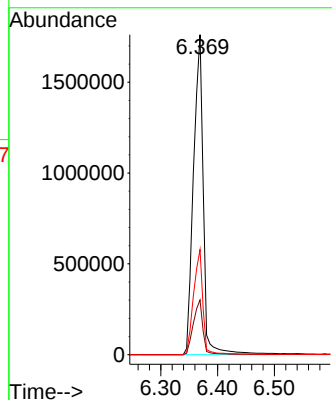
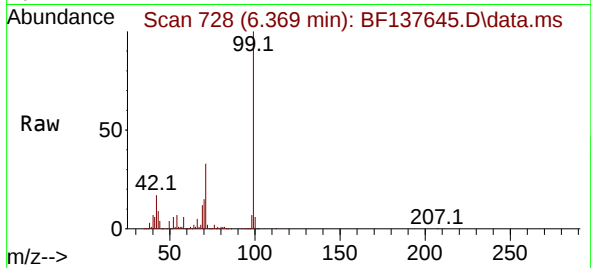




#7
Phenol-d6
Concen: 108.544 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137645.D
Acq: 19 Mar 2024 13:40

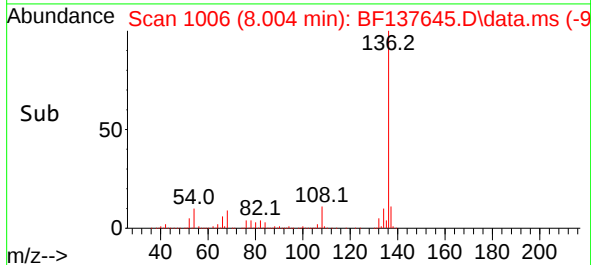
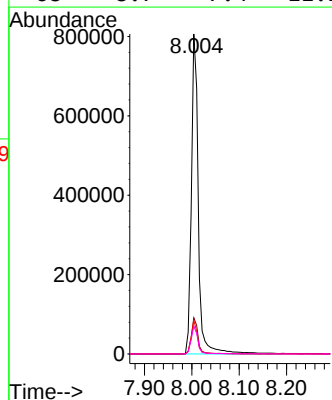
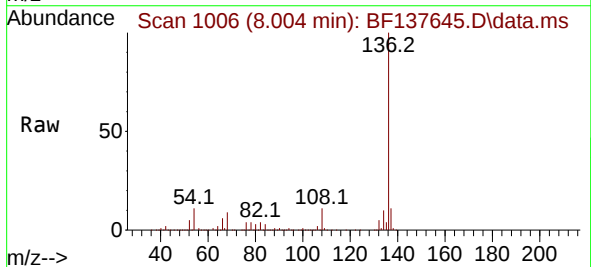
Instrument :
BNA_F
ClientSampleId :
PB159655BL

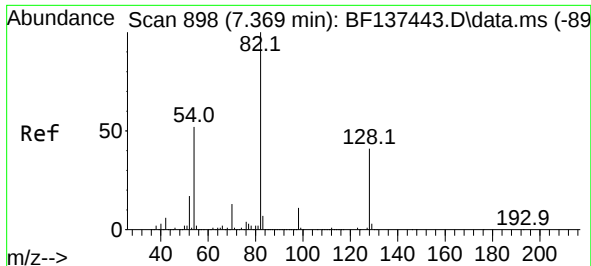
Tgt Ion: 99 Resp: 2135833
Ion Ratio Lower Upper
99 100
42 17.1 14.6 21.8
71 32.9 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137645.D
Acq: 19 Mar 2024 13:40

Tgt Ion: 136 Resp: 818224
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 10.5 8.5 12.7
68 8.7 7.4 11.2





#23

Nitrobenzene-d5

Concen: 76.032 ng

RT: 7.292 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF137645.D

Acq: 19 Mar 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB159655BL

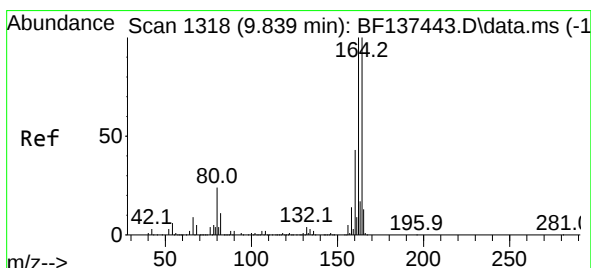
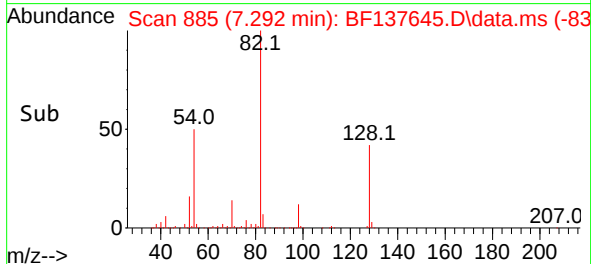
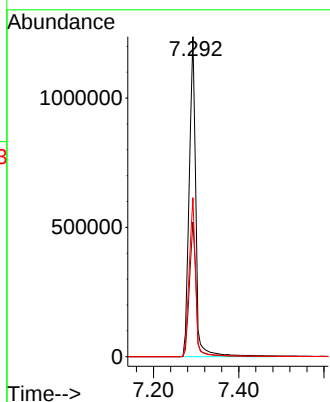
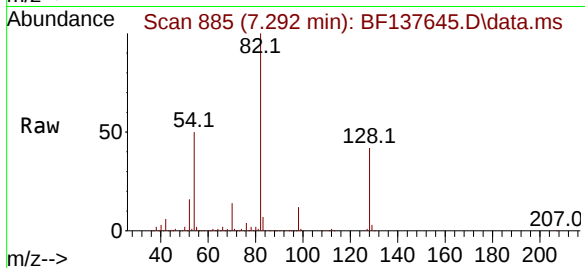
Tgt Ion: 82 Resp: 1338912

Ion Ratio Lower Upper

82 100

128 42.1 32.5 48.7

54 49.7 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: BF137645.D

Acq: 19 Mar 2024 13:40

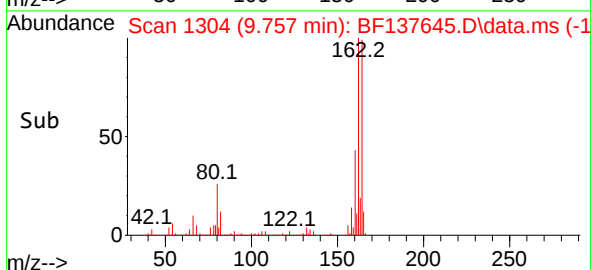
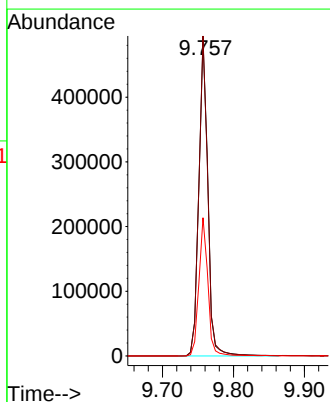
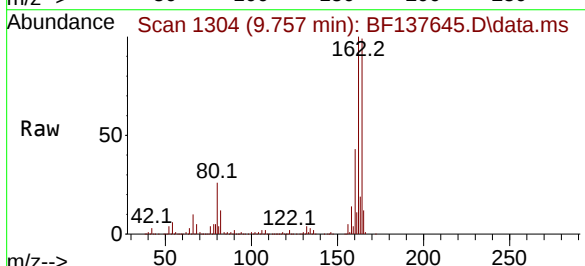
Tgt Ion: 164 Resp: 435382

Ion Ratio Lower Upper

164 100

162 101.2 79.8 119.8

160 43.7 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 128.846 ng

RT: 10.551 min Scan# 1453

Delta R.T. -0.000 min

Lab File: BF137645.D

Acq: 19 Mar 2024 13:40

Instrument :

BNA_F

ClientSampleId :

PB159655BL

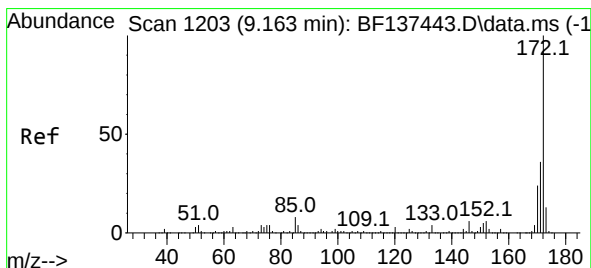
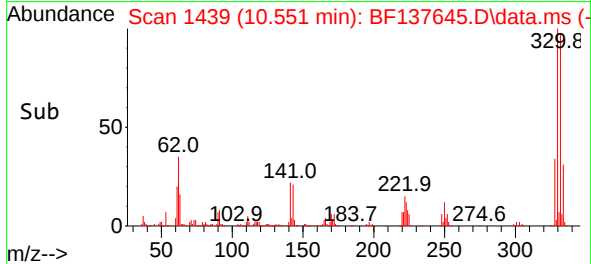
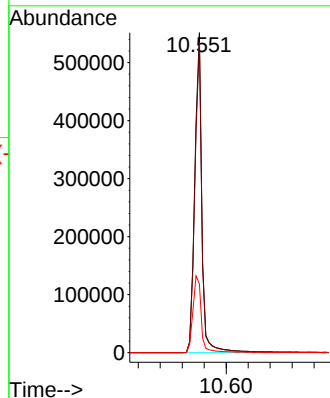
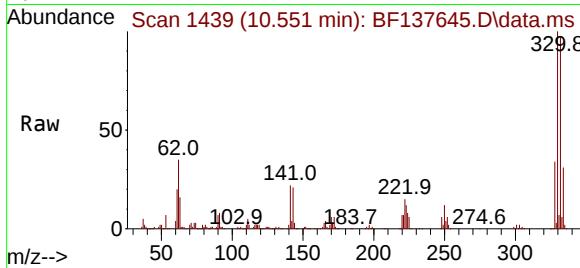
Tgt Ion:330 Resp: 492632

Ion Ratio Lower Upper

330 100

332 96.4 78.0 117.0

141 28.4 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 78.359 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF137645.D

Acq: 19 Mar 2024 13:40

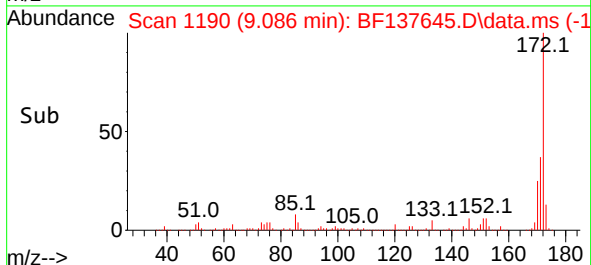
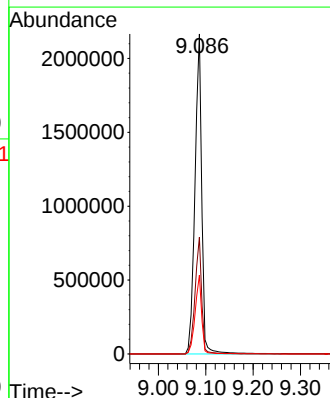
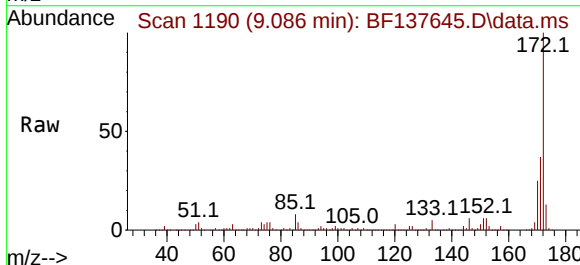
Tgt Ion:172 Resp: 2179437

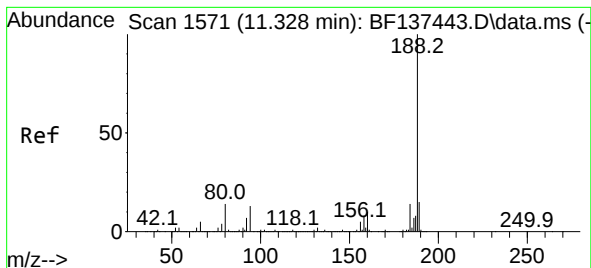
Ion Ratio Lower Upper

172 100

171 36.5 28.5 42.7

170 24.7 19.0 28.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.239 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137645.D

Acq: 19 Mar 2024 13:40

Instrument :

BNA_F

ClientSampleId :

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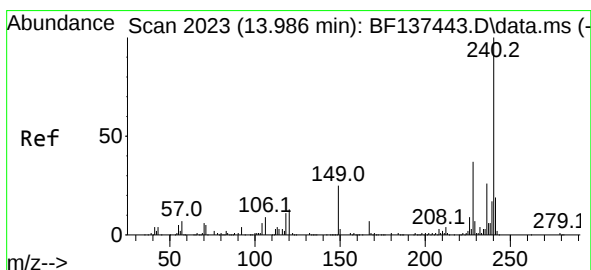
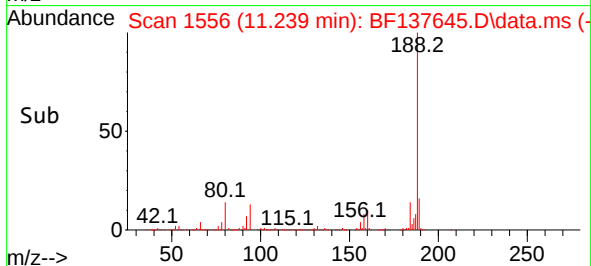
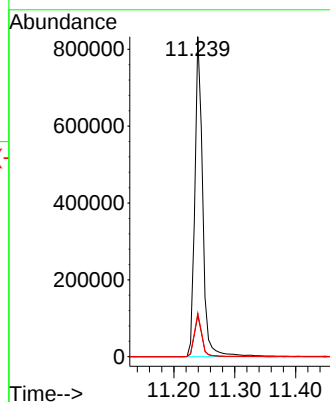
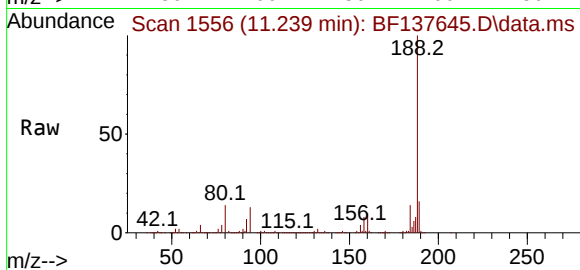
Tgt Ion:188 Resp: 749421

Ion Ratio Lower Upper

188 100

94 12.9 10.6 15.8

80 13.7 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: BF137645.D

Acq: 19 Mar 2024 13:40

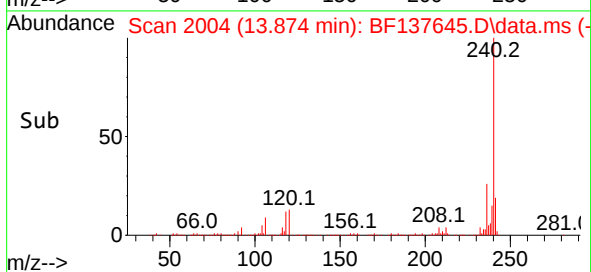
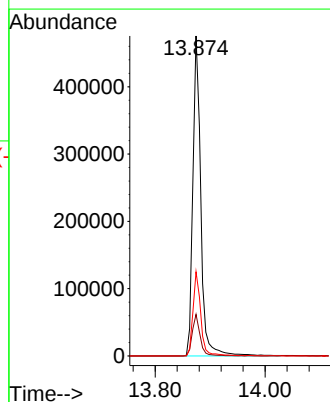
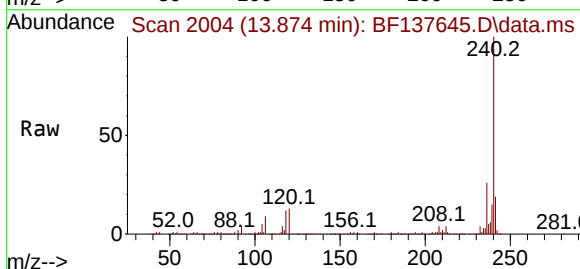
Tgt Ion:240 Resp: 476432

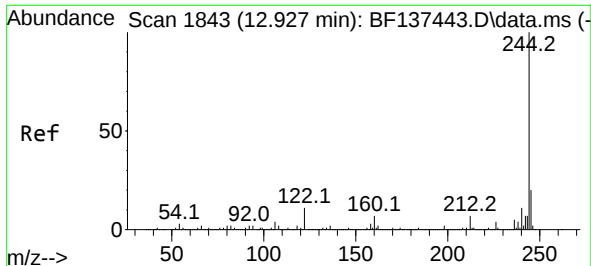
Ion Ratio Lower Upper

240 100

120 13.0 10.4 15.6

236 26.3 20.9 31.3

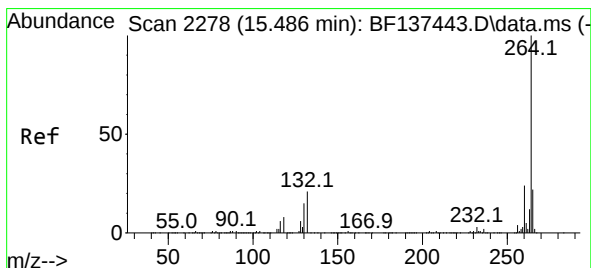
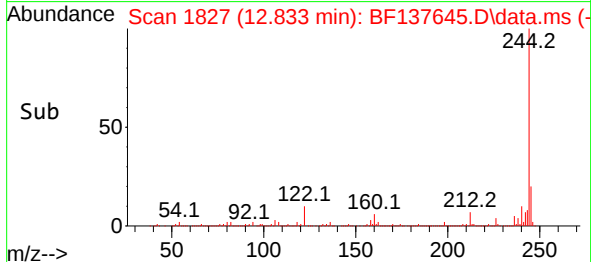
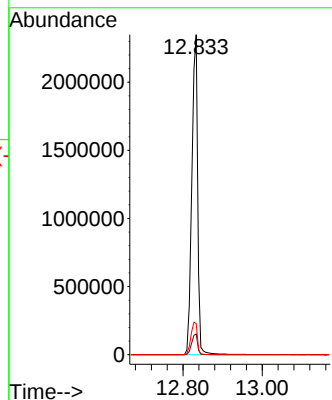
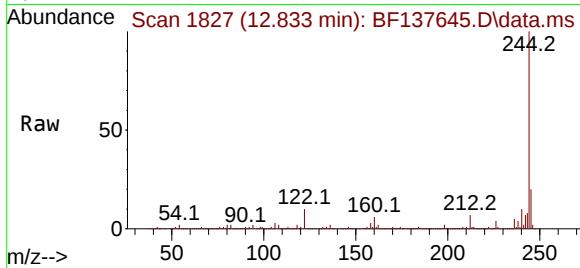




#79
 Terphenyl-d14
 Concen: 69.445 ng
 RT: 12.833 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF137645.D
 Acq: 19 Mar 2024 13:40

Instrument :
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 ClientSampleId :
 PB159655BL

Tgt Ion:244 Resp: 2406070
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.2
 122 9.7 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: BF137645.D
 Acq: 19 Mar 2024 13:40

Tgt Ion:264 Resp: 401313
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.3 28.9
 265 21.6 17.4 26.0

