

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021224\
 Data File : BF137364.D
 Acq On : 12 Feb 2024 18:56
 Operator : CG\JU
 Sample : PB158784BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158784BL

Quant Time: Feb 13 03:11:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 13 02:26:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	196571	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	808755	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	444916	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	780549	20.000	ng	0.00
76) Chrysene-d12	13.963	240	457540	20.000	ng	0.00
86) Perylene-d12	15.445	264	371795	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1775458	135.383	ng	0.02
7) Phenol-d6	6.422	99	2385175	130.221	ng	0.00
23) Nitrobenzene-d5	7.345	82	1470411	93.323	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	573257	140.310	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	2512983	83.673	ng	0.00
79) Terphenyl-d14	12.916	244	2861177	89.504	ng	0.00

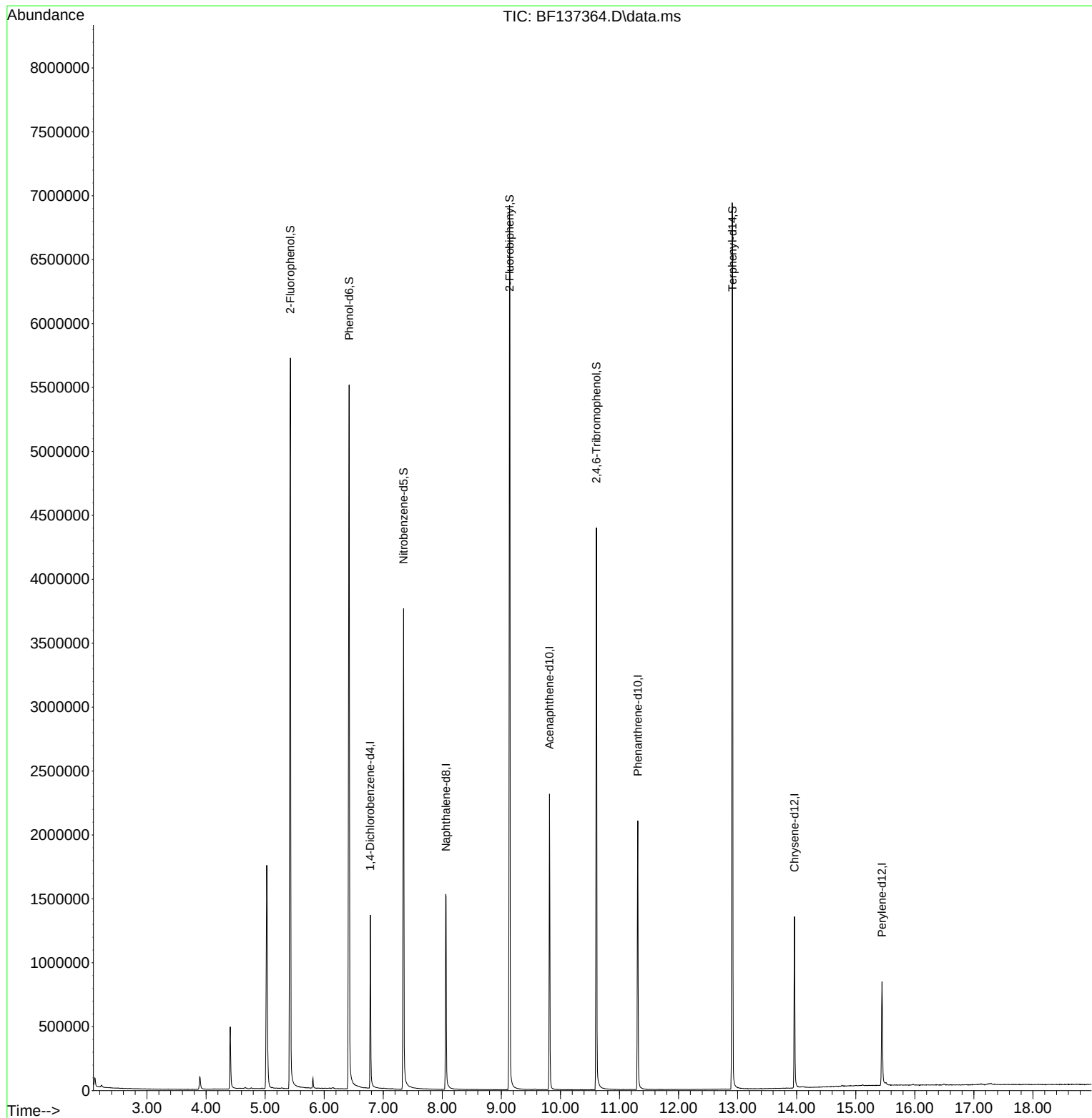
Target Compounds	Qvalue

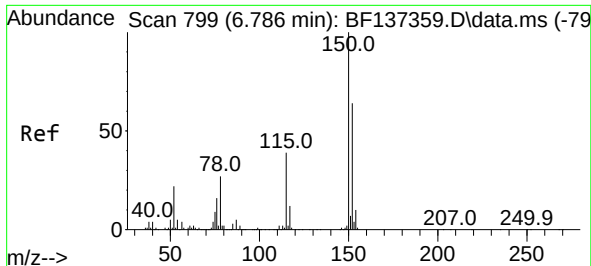
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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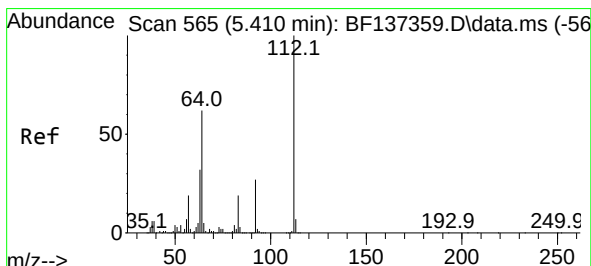
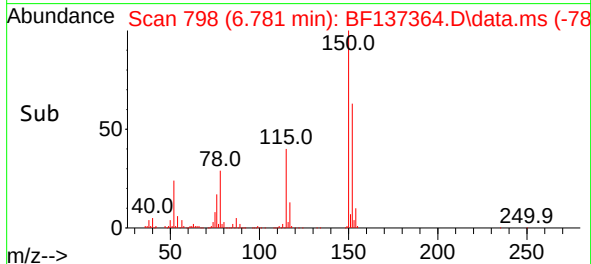
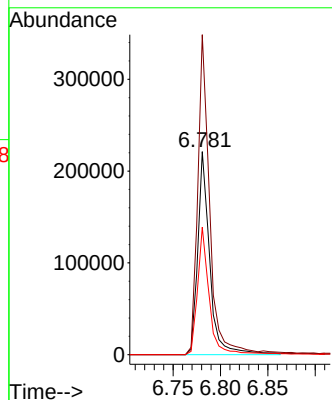
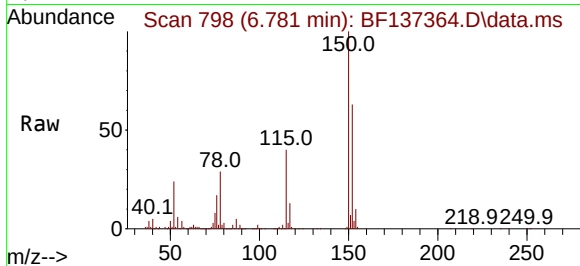




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 799
 Delta R.T. -0.005 min
 Lab File: BF137364.D
 Acq: 12 Feb 2024 18:56

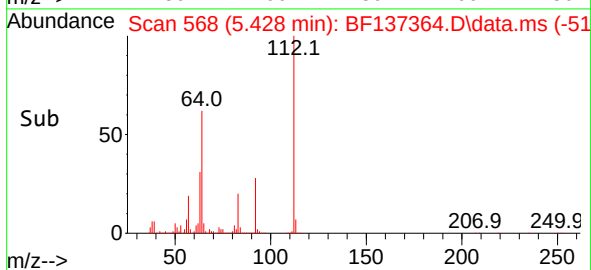
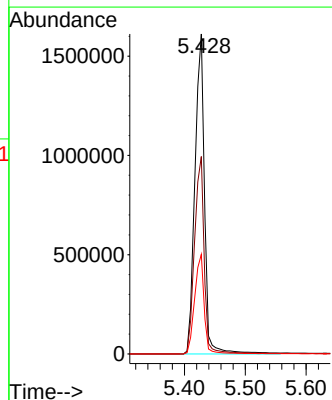
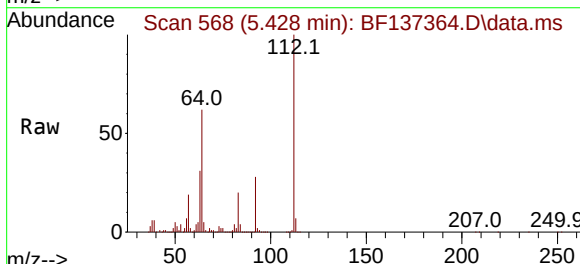
Instrument :
 BNA_F
 ClientSampleId :
 PB158784BL

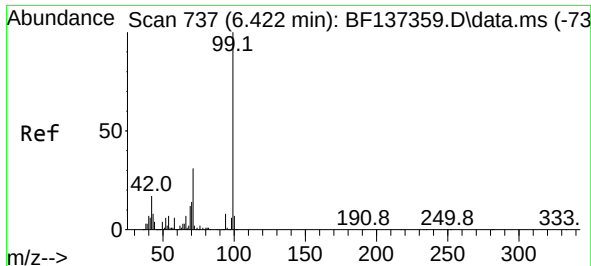
Tgt Ion:152 Resp: 196571
 Ion Ratio Lower Upper
 152 100
 150 157.6 125.5 188.3
 115 62.8 48.5 72.7



#5
 2-Fluorophenol
 Concen: 135.383 ng
 RT: 5.428 min Scan# 568
 Delta R.T. 0.018 min
 Lab File: BF137364.D
 Acq: 12 Feb 2024 18:56

Tgt Ion:112 Resp: 1775458
 Ion Ratio Lower Upper
 112 100
 64 61.7 49.9 74.9
 63 31.1 25.3 37.9

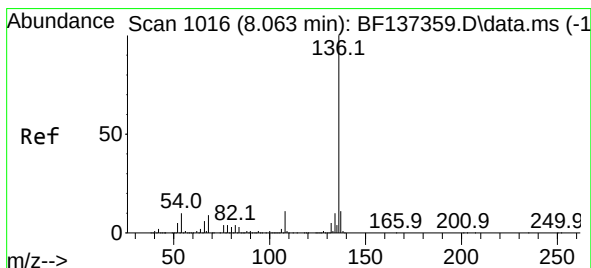
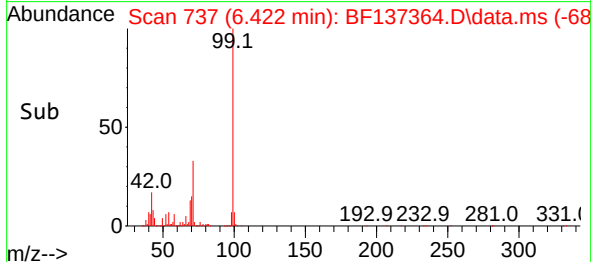
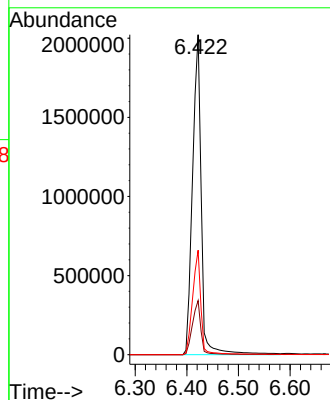
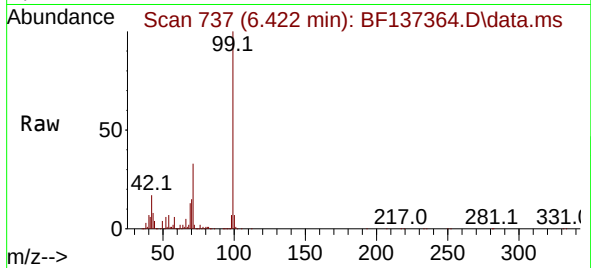




#7
Phenol-d6
Concen: 130.221 ng
RT: 6.422 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137364.D
Acq: 12 Feb 2024 18:56

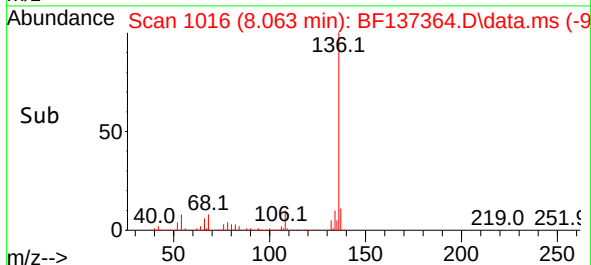
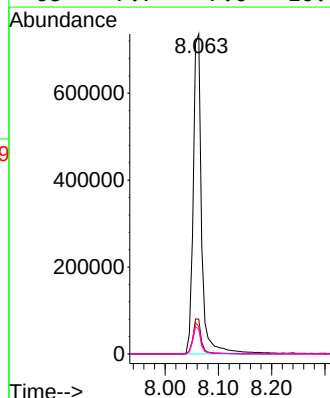
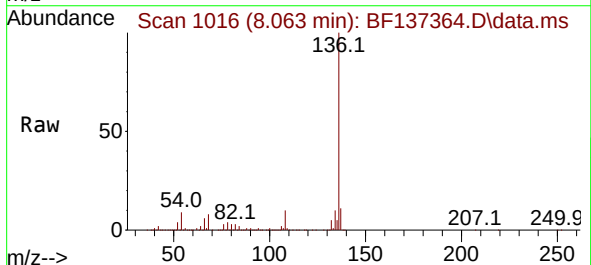
Instrument :
BNA_F
ClientSampleId :
PB158784BL

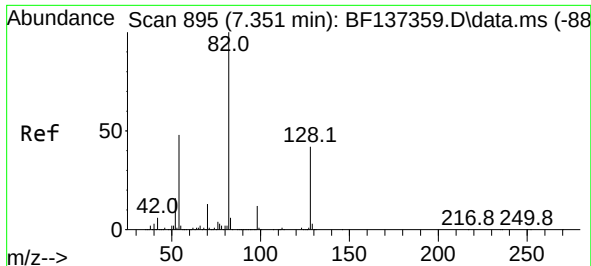
Tgt Ion: 99 Resp: 2385175
Ion Ratio Lower Upper
99 100
42 16.9 13.5 20.3
71 32.7 25.0 37.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF137364.D
Acq: 12 Feb 2024 18:56

Tgt Ion:136 Resp: 808755
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.5 7.9 11.9
68 7.7 7.0 10.4





#23

Nitrobenzene-d5

Concen: 93.323 ng

RT: 7.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF137364.D

Acq: 12 Feb 2024 18:56

Instrument :

BNA_F

ClientSampleId :

PB158784BL

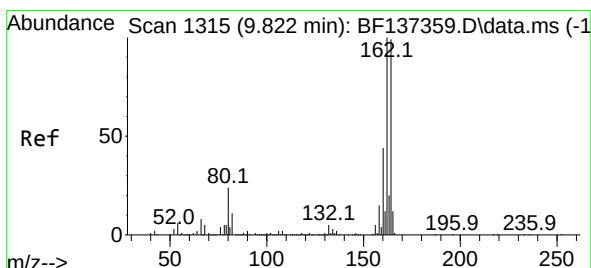
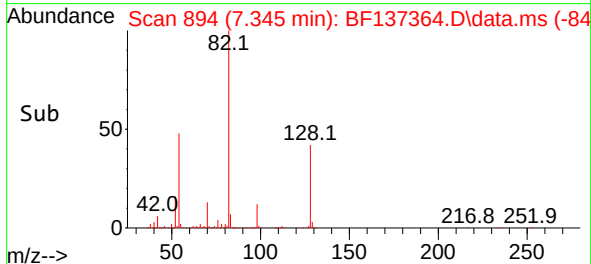
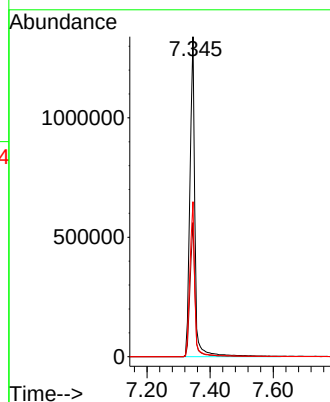
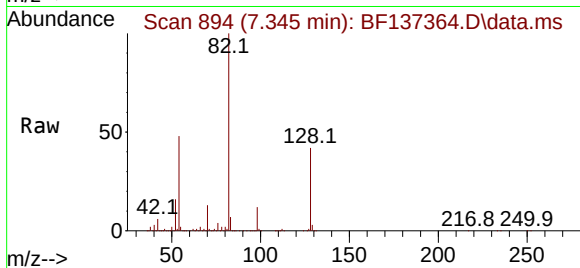
Tgt Ion: 82 Resp: 1470411

Ion Ratio Lower Upper

82 100

128 42.0 33.8 50.8

54 48.4 38.8 58.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF137364.D

Acq: 12 Feb 2024 18:56

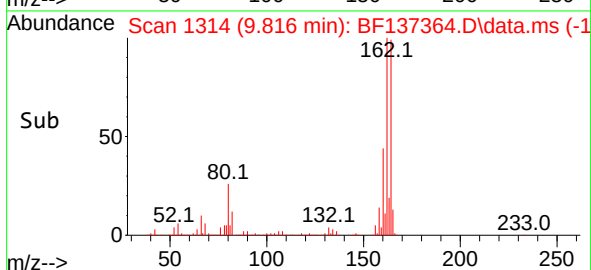
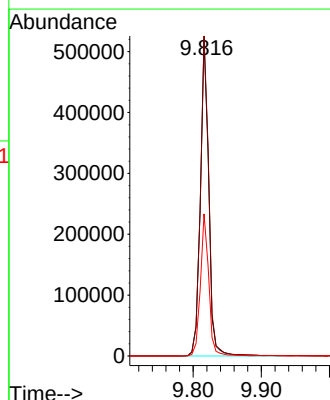
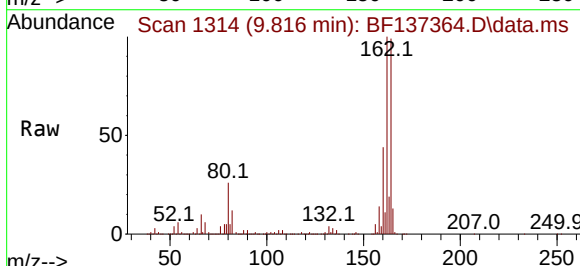
Tgt Ion:164 Resp: 444916

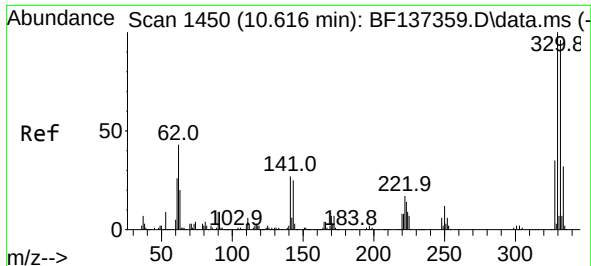
Ion Ratio Lower Upper

164 100

162 101.0 80.5 120.7

160 44.9 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 140.310 ng

RT: 10.610 min Scan# 1450

Delta R.T. -0.006 min

Lab File: BF137364.D

Acq: 12 Feb 2024 18:56

Instrument :

BNA_F

ClientSampleId :

PB158784BL

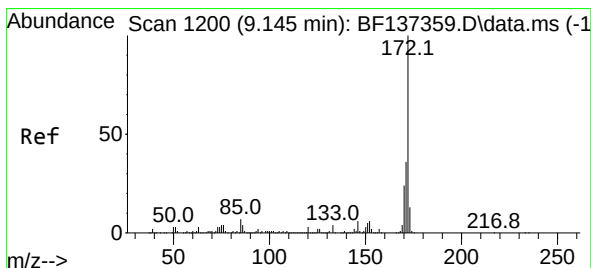
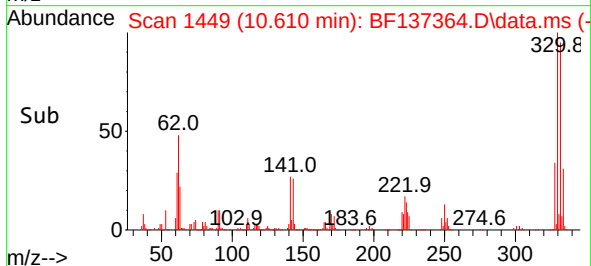
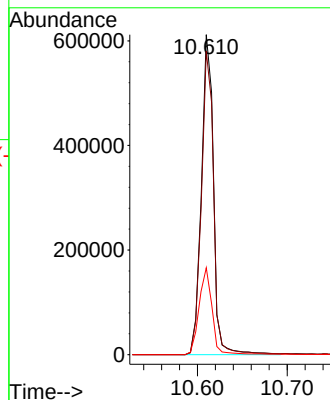
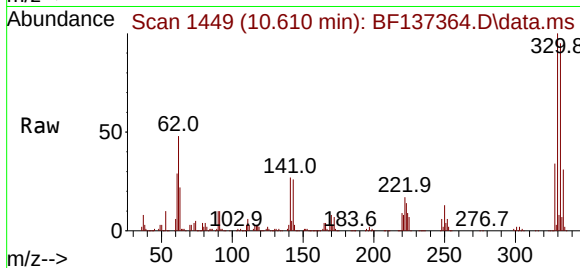
Tgt Ion:330 Resp: 573257

Ion Ratio Lower Upper

330 100

332 96.6 77.7 116.5

141 29.4 27.4 41.0



#45

2-Fluorobiphenyl

Concen: 83.673 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF137364.D

Acq: 12 Feb 2024 18:56

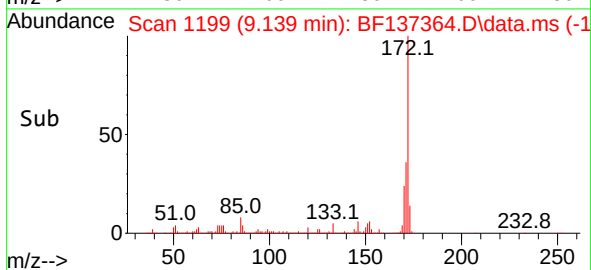
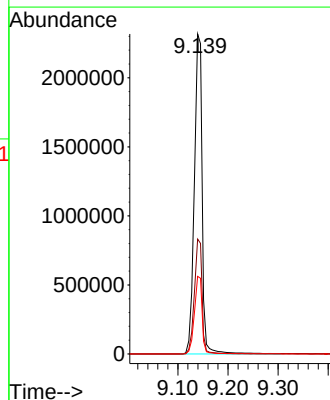
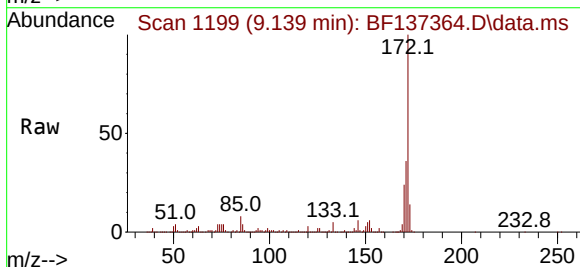
Tgt Ion:172 Resp: 2512983

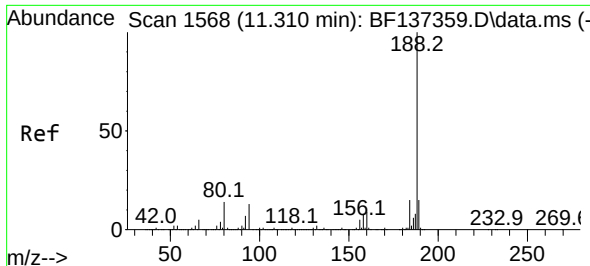
Ion Ratio Lower Upper

172 100

171 35.9 28.6 42.8

170 24.3 19.6 29.4

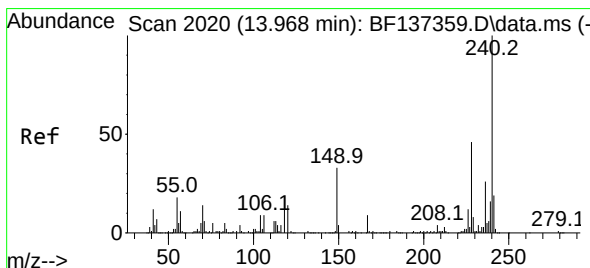
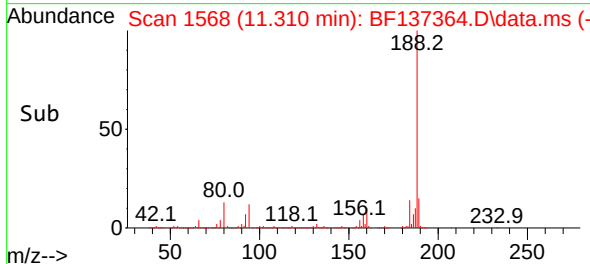
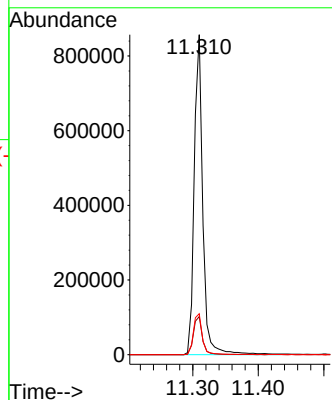
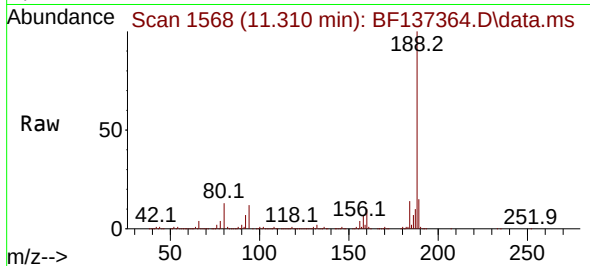




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF137364.D
Acq: 12 Feb 2024 18:56

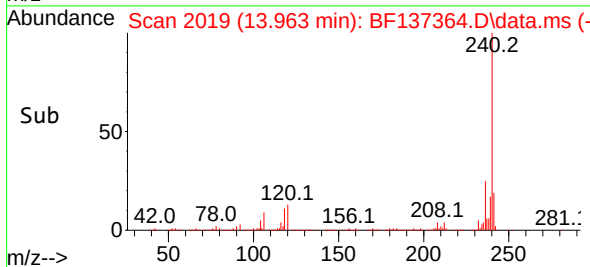
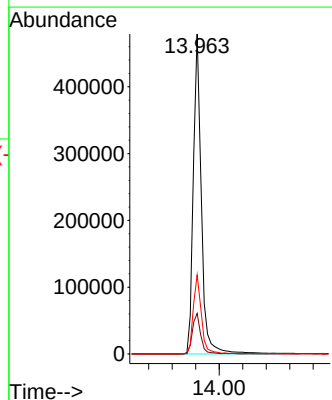
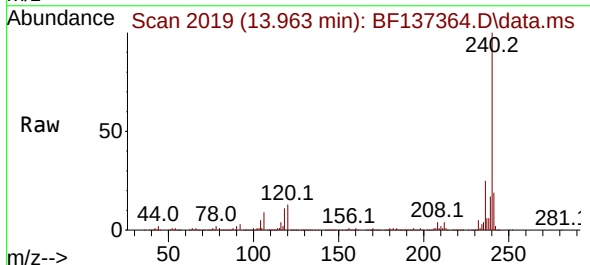
Instrument :
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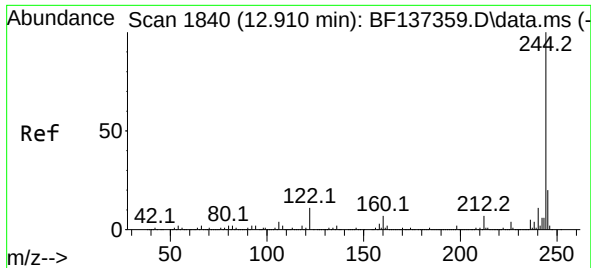
Tgt Ion:188 Resp: 780549
Ion Ratio Lower Upper
188 100
94 11.9 10.6 16.0
80 12.8 11.4 17.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF137364.D
Acq: 12 Feb 2024 18:56

Tgt Ion:240 Resp: 457540
Ion Ratio Lower Upper
240 100
120 12.7 10.9 16.3
236 24.7 20.8 31.2

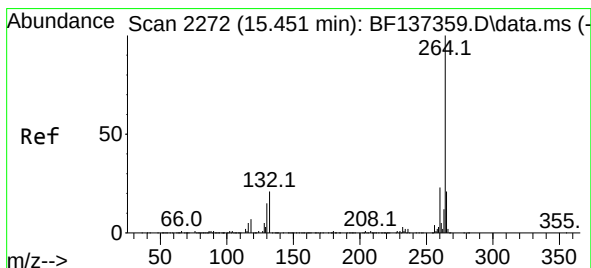
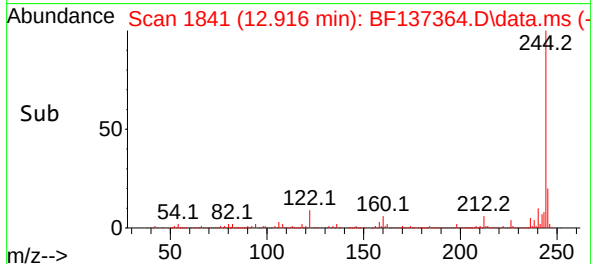
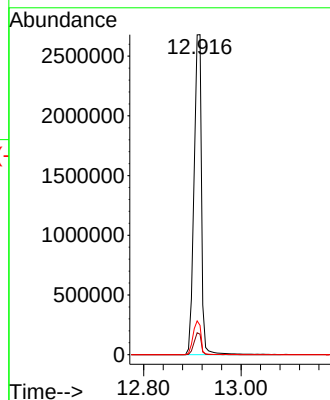
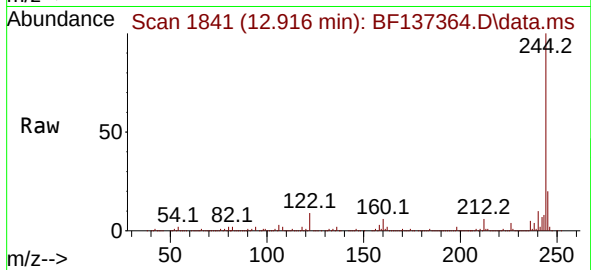




#79
 Terphenyl-d14
 Concen: 89.504 ng
 RT: 12.916 min Scan# 1841
 Delta R.T. 0.006 min
 Lab File: BF137364.D
 Acq: 12 Feb 2024 18:56

Instrument :
 BNA_F
 ClientSampleId :
 PB158784BL

Tgt Ion:244 Resp: 2861177
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.5 8.3
 122 9.1 9.1 13.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. -0.006 min
 Lab File: BF137364.D
 Acq: 12 Feb 2024 18:56

Tgt Ion:264 Resp: 371795
 Ion Ratio Lower Upper
 264 100
 260 24.7 18.7 28.1
 265 21.8 16.9 25.3

