

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
 Data File : BF137623.D
 Acq On : 18 Mar 2024 11:06
 Operator : CG\JU
 Sample : PB159612BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB159612BL

Quant Time: Mar 18 11:50:25 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	204088	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	808466	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	419131	20.000	ng	0.00
64) Phenanthrene-d10	11.239	188	724923	20.000	ng	0.00
76) Chrysene-d12	13.874	240	467641	20.000	ng	0.00
86) Perylene-d12	15.298	264	380256	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	1569461	116.470	ng	0.02
7) Phenol-d6	6.369	99	2084714	107.177	ng	0.00
23) Nitrobenzene-d5	7.293	82	1310203	75.300	ng	0.00
42) 2,4,6-Tribromophenol	10.551	330	456867	124.125	ng	0.00
45) 2-Fluorobiphenyl	9.086	172	2137139	79.817	ng	0.00
79) Terphenyl-d14	12.827	244	2360091	69.399	ng	0.00

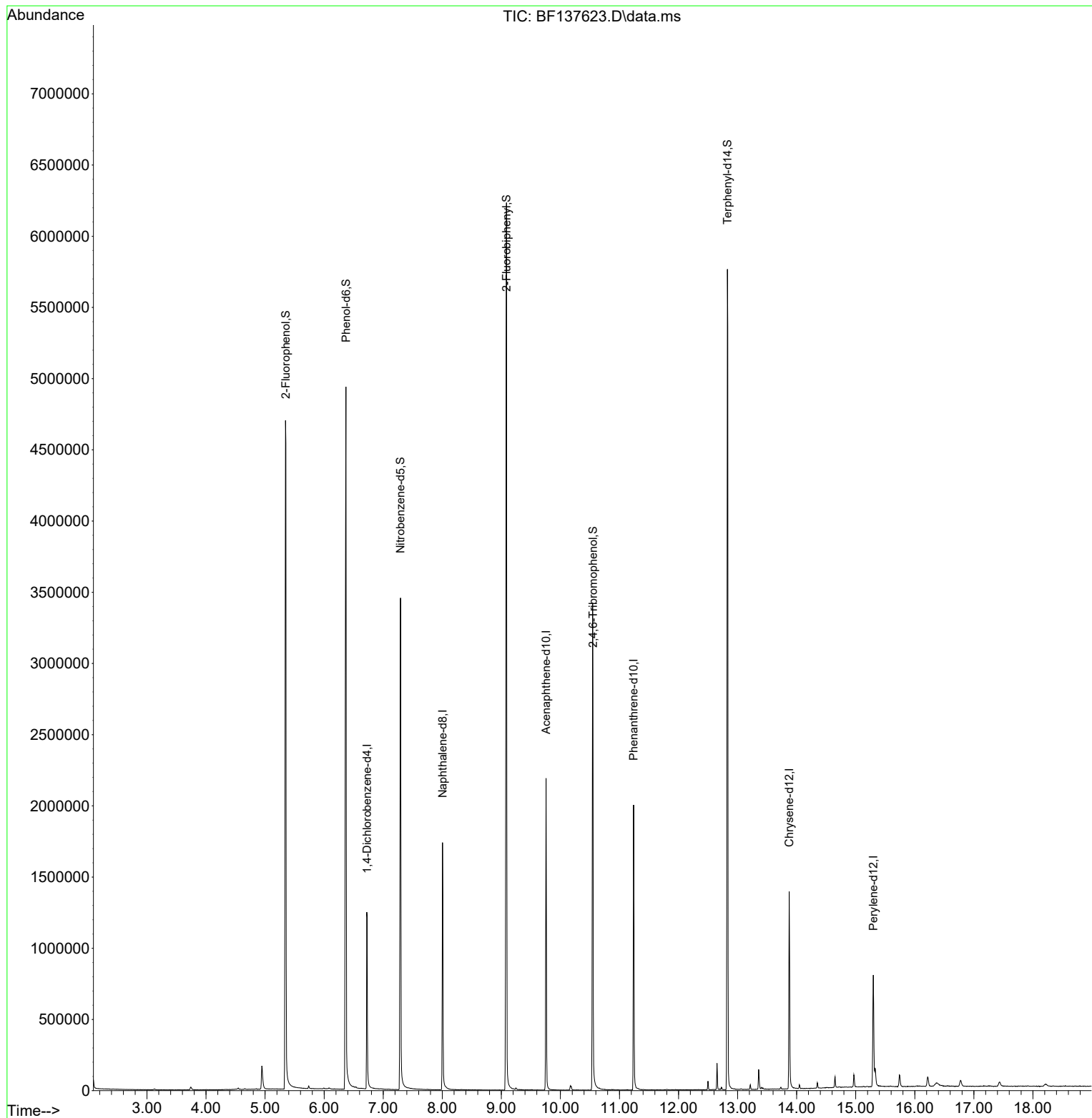
Target Compounds	Qvalue

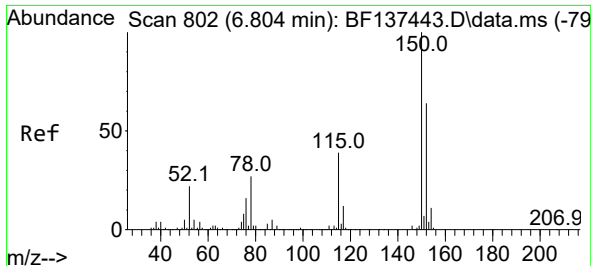
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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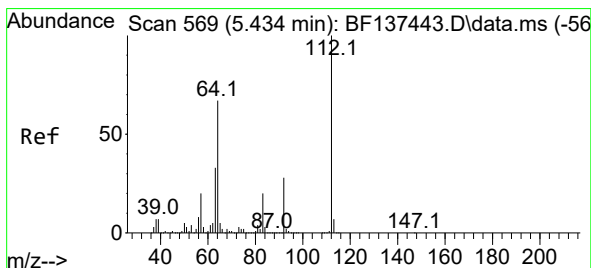
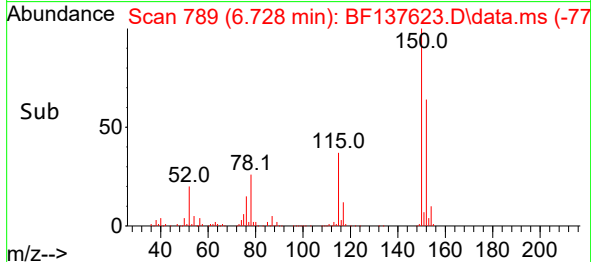
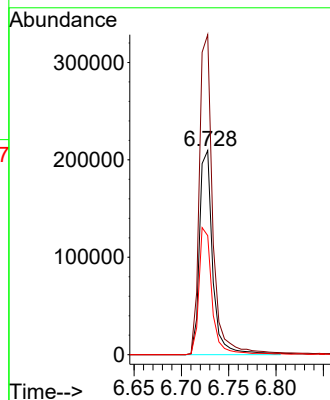
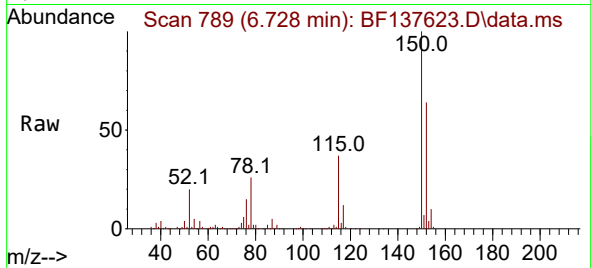




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.728 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137623.D
Acq: 18 Mar 2024 11:06

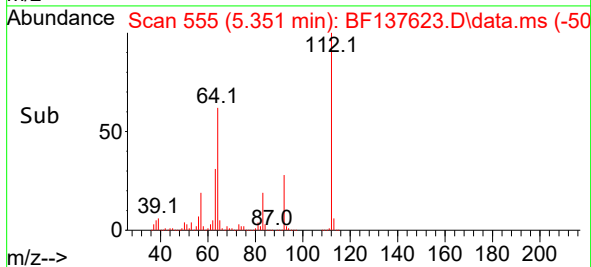
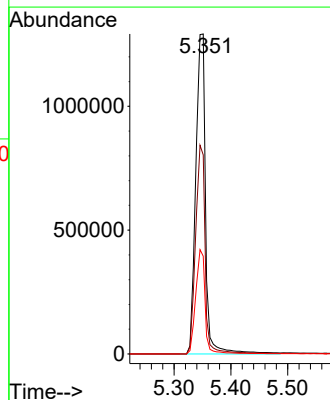
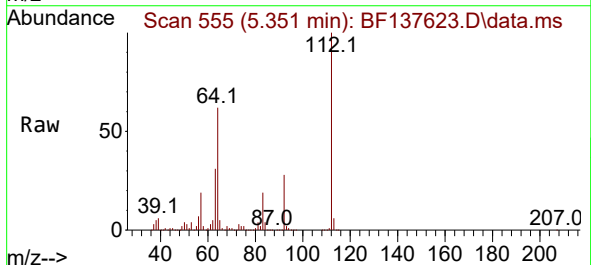
Instrument :
BNA_F
ClientSampleId :
PB159612BL

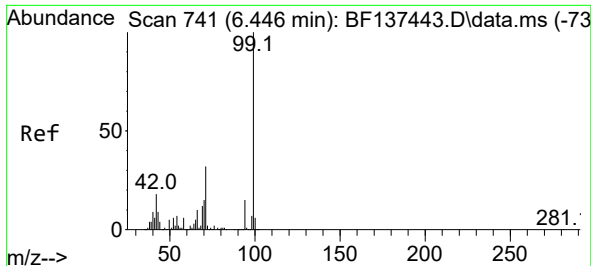
Tgt Ion:152 Resp: 204088
Ion Ratio Lower Upper
152 100
150 156.7 125.8 188.6
115 58.3 48.8 73.2



#5
2-Fluorophenol
Concen: 116.470 ng
RT: 5.351 min Scan# 555
Delta R.T. 0.018 min
Lab File: BF137623.D
Acq: 18 Mar 2024 11:06

Tgt Ion:112 Resp: 1569461
Ion Ratio Lower Upper
112 100
64 62.2 53.4 80.2
63 30.5 26.2 39.2

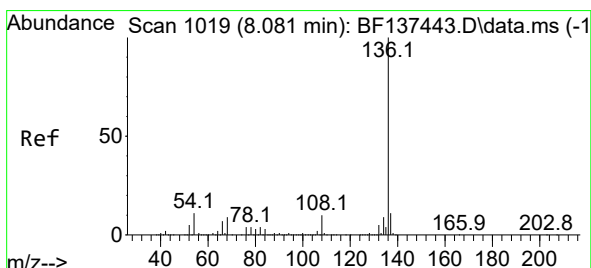
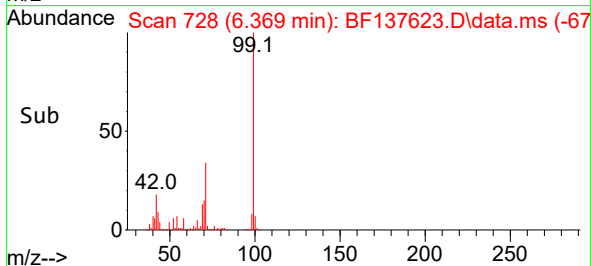
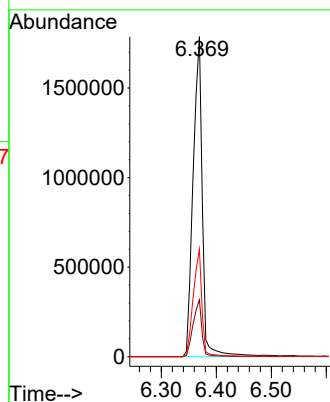
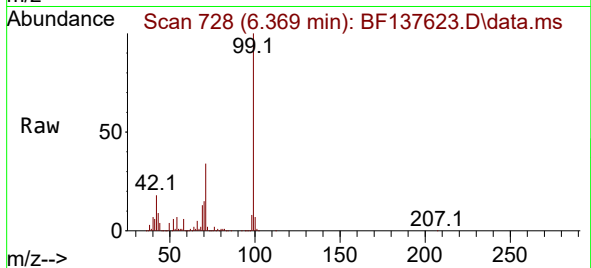




#7
Phenol-d6
Concen: 107.177 ng
RT: 6.369 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF137623.D
Acq: 18 Mar 2024 11:06

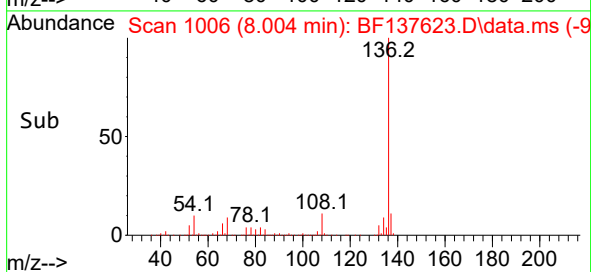
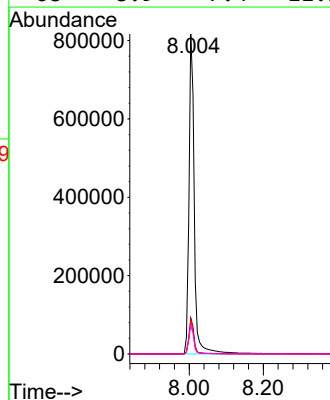
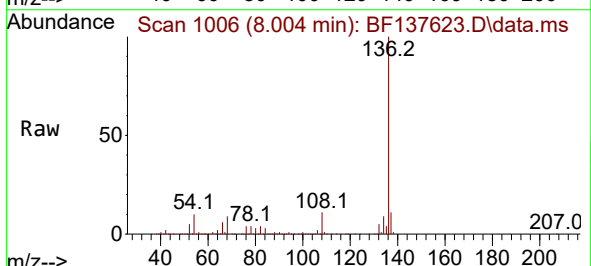
Instrument :
BNA_F
ClientSampleId :
PB159612BL

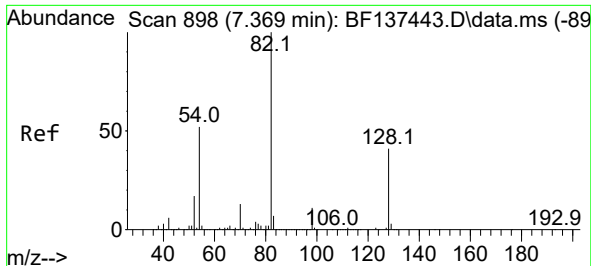
Tgt Ion: 99 Resp: 2084714
Ion Ratio Lower Upper
99 100
42 17.8 14.6 21.8
71 33.6 25.3 37.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.004 min Scan# 1006
Delta R.T. -0.006 min
Lab File: BF137623.D
Acq: 18 Mar 2024 11:06

Tgt Ion: 136 Resp: 808466
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 10.4 8.5 12.7
68 8.9 7.4 11.2





#23

Nitrobenzene-d5

Concen: 75.300 ng

RT: 7.293 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF137623.D

Acq: 18 Mar 2024 11:06

Instrument :

BNA_F

ClientSampleId :

PB159612BL

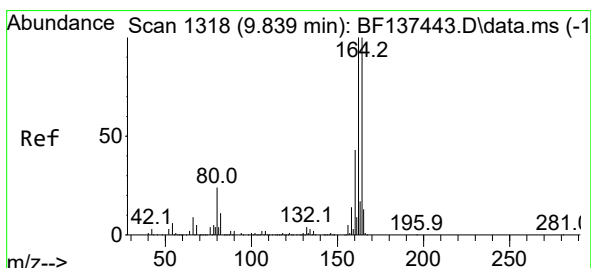
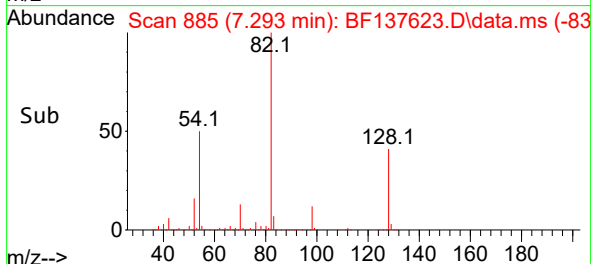
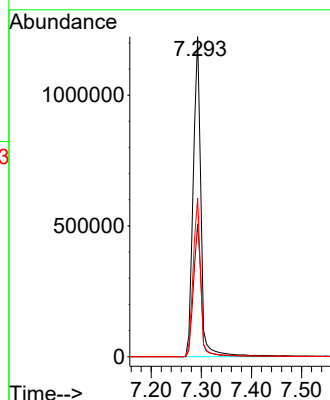
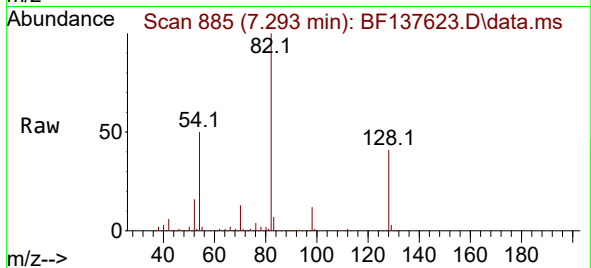
Tgt Ion: 82 Resp: 1310203

Ion Ratio Lower Upper

82 100

128 41.5 32.5 48.7

54 49.6 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: BF137623.D

Acq: 18 Mar 2024 11:06

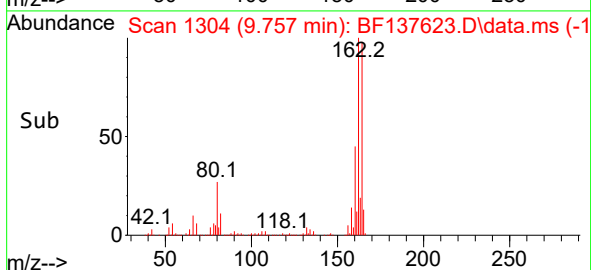
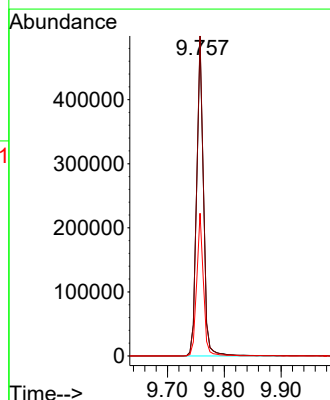
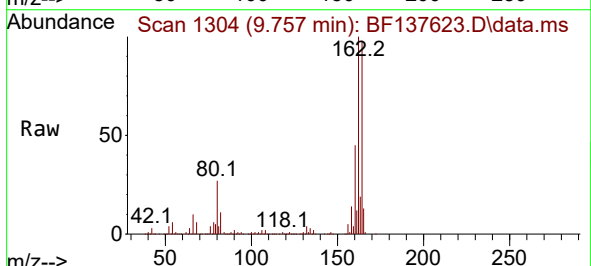
Tgt Ion: 164 Resp: 419131

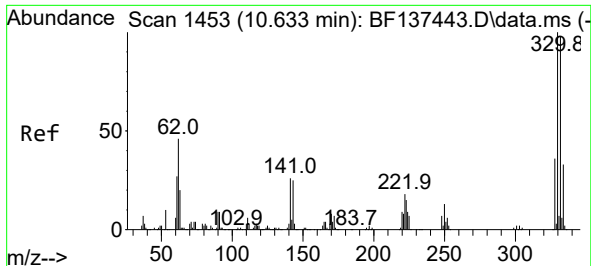
Ion Ratio Lower Upper

164 100

162 101.8 79.8 119.8

160 45.4 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 124.125 ng

RT: 10.551 min Scan# 1453

Delta R.T. -0.000 min

Lab File: BF137623.D

Acq: 18 Mar 2024 11:06

Instrument :

BNA_F

ClientSampleId :

PB159612BL

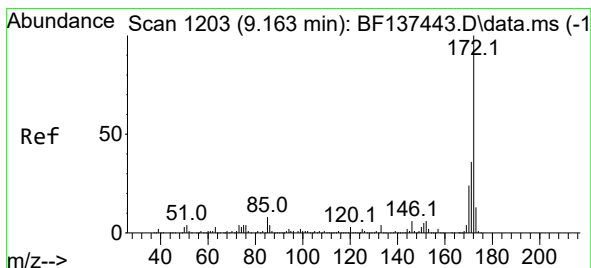
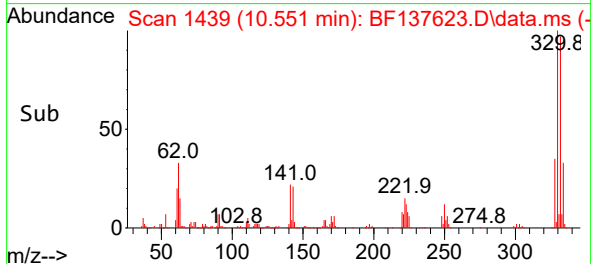
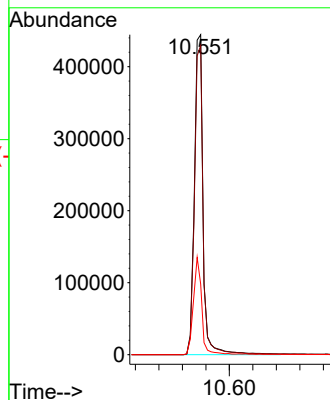
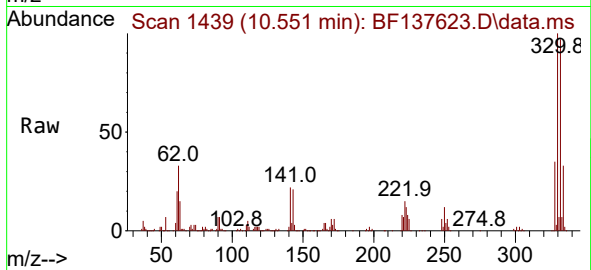
Tgt Ion:330 Resp: 456867

Ion Ratio Lower Upper

330 100

332 95.9 78.0 117.0

141 29.0 27.3 40.9



#45

2-Fluorobiphenyl

Concen: 79.817 ng

RT: 9.086 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF137623.D

Acq: 18 Mar 2024 11:06

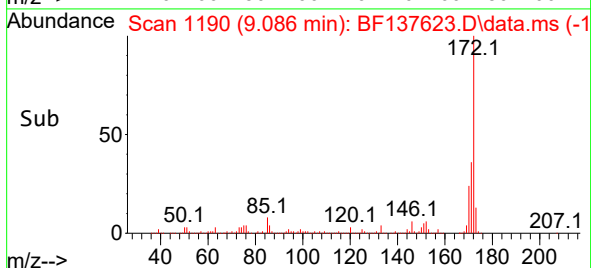
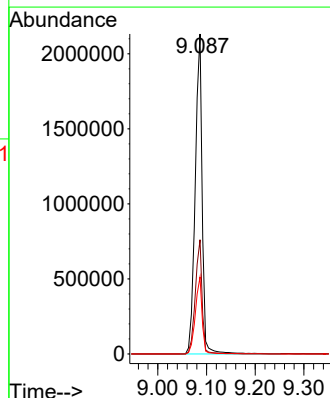
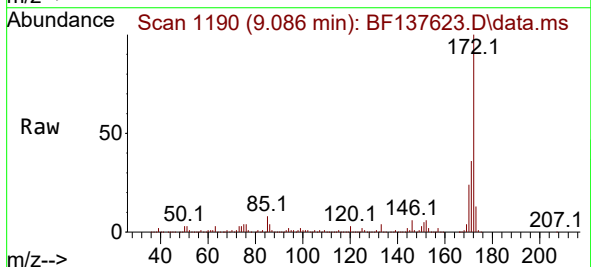
Tgt Ion:172 Resp: 2137139

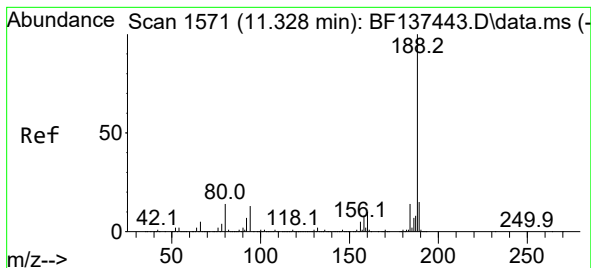
Ion Ratio Lower Upper

172 100

171 35.7 28.5 42.7

170 24.0 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: BF137623.D

Acq: 18 Mar 2024 11:06

Instrument :

BNA_F

ClientSampleId :

PB159612BL

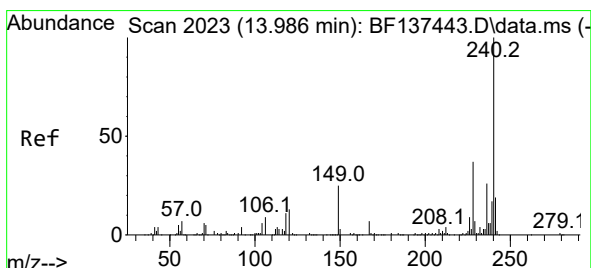
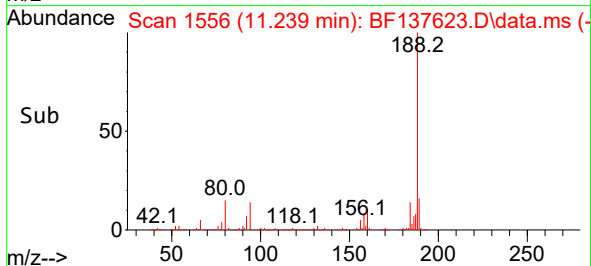
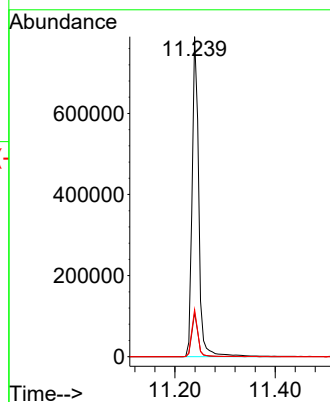
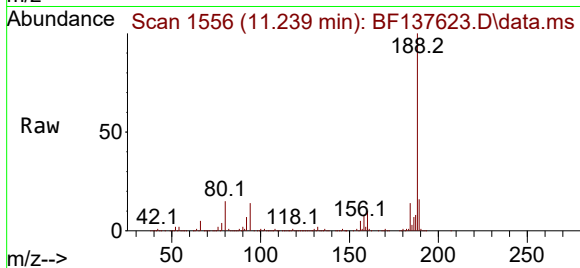
Tgt Ion:188 Resp: 724923

Ion Ratio Lower Upper

188 100

94 13.8 10.6 15.8

80 14.8 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: BF137623.D

Acq: 18 Mar 2024 11:06

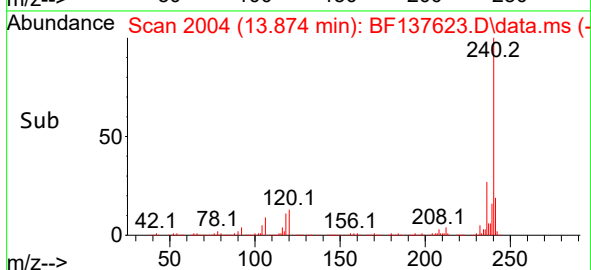
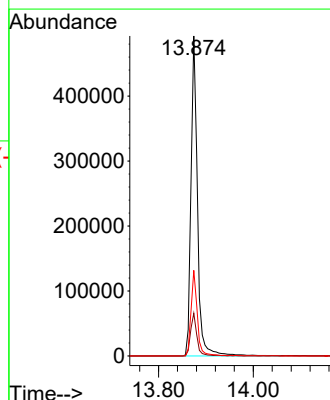
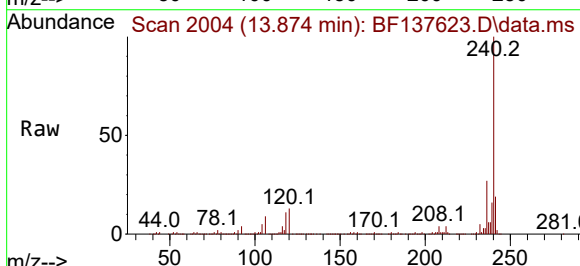
Tgt Ion:240 Resp: 467641

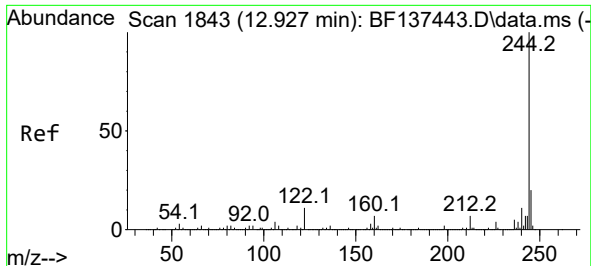
Ion Ratio Lower Upper

240 100

120 13.3 10.4 15.6

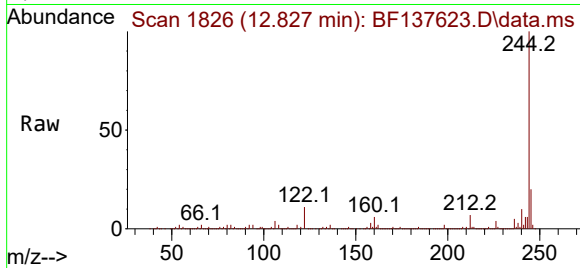
236 26.7 20.9 31.3



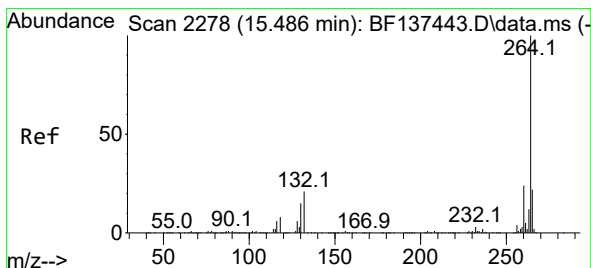
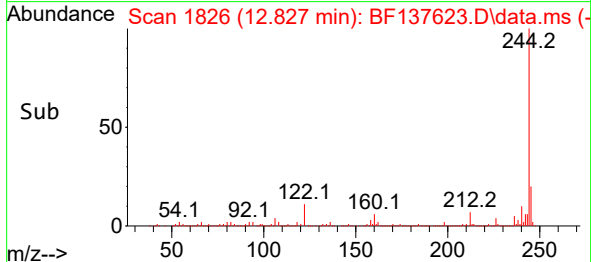
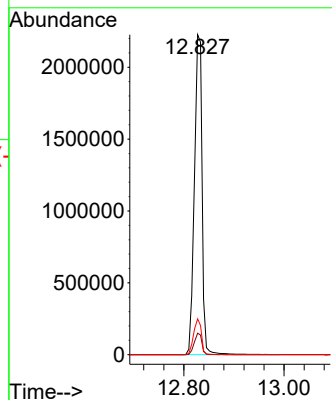


#79
 Terphenyl-d14
 Concen: 69.399 ng
 RT: 12.827 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF137623.D
 Acq: 18 Mar 2024 11:06

Instrument :
 BNA_F
 ClientSampleId :
 PB159612BL



Tgt Ion:244 Resp: 2360091
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 11.2 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: BF137623.D
 Acq: 18 Mar 2024 11:06

Tgt Ion:264 Resp: 380256
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.3 28.9
 265 21.6 17.4 26.0

