

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052024\
Data File : BF137953.D
Acq On : 20 May 2024 11:33
Operator : CG\JU
Sample : P2486-04
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPK

Quant Time: May 20 12:05:02 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 04:12:16 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.039	152	126683	20.000	ng	0.00
21) Naphthalene-d8	8.322	136	482393	20.000	ng	0.00
39) Acenaphthene-d10	10.080	164	271301	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	458214	20.000	ng	0.00
76) Chrysene-d12	14.221	240	276629	20.000	ng	0.00
86) Perylene-d12	15.786	264	320574	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.675	112	833616	111.776	ng	0.01
7) Phenol-d6	6.657	99	910921	99.154	ng	0.00
23) Nitrobenzene-d5	7.604	82	688878	84.041	ng	0.00
42) 2,4,6-Tribromophenol	10.875	330	353003	129.044	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1499873	85.159	ng	0.00
79) Terphenyl-d14	13.163	244	1481570	78.934	ng	0.00

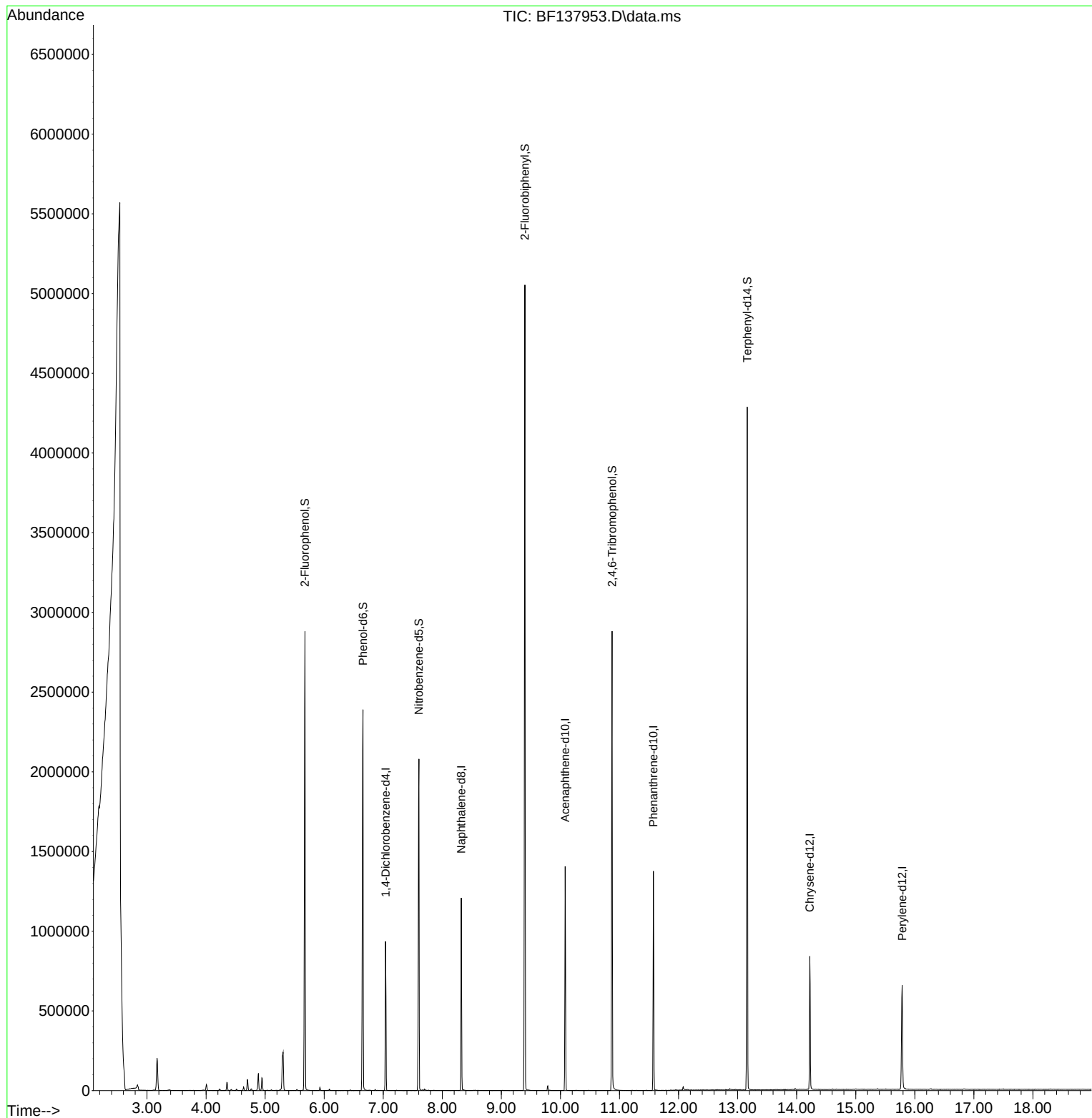
Target Compounds	Qvalue

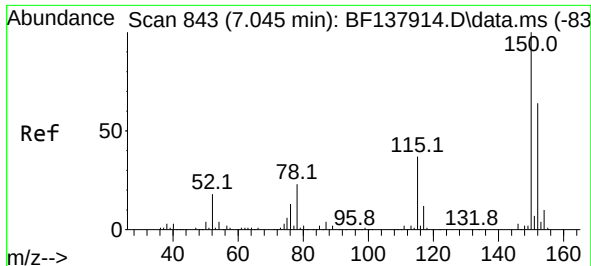
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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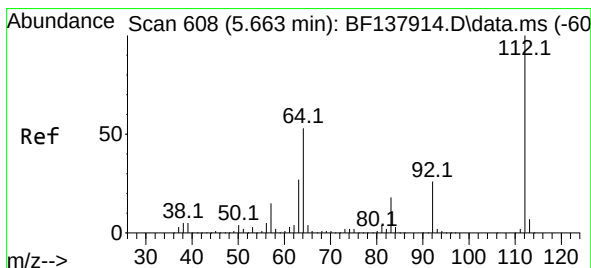
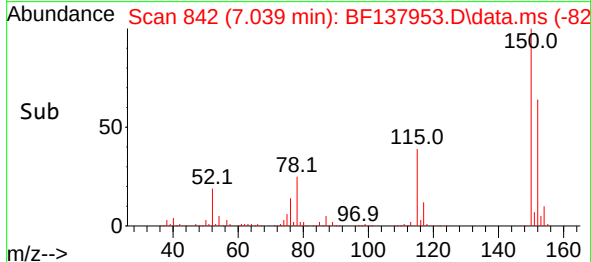
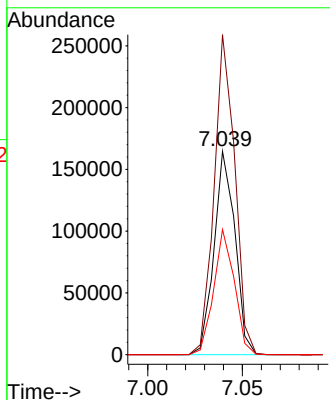
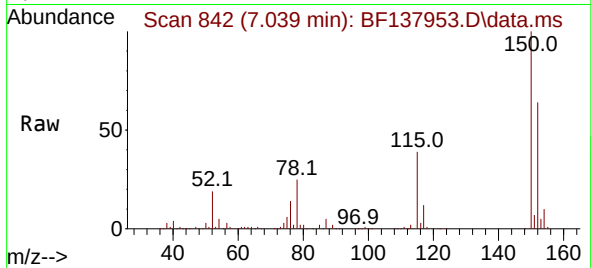




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.039 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: BF137953.D
 Acq: 20 May 2024 11:33

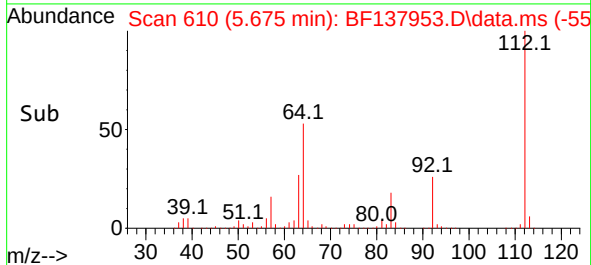
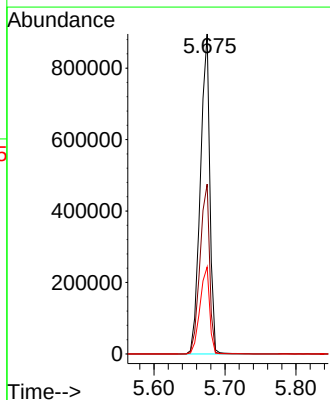
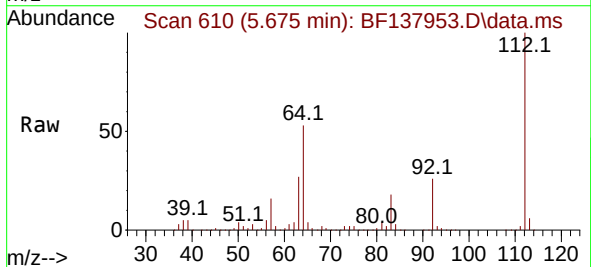
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPK

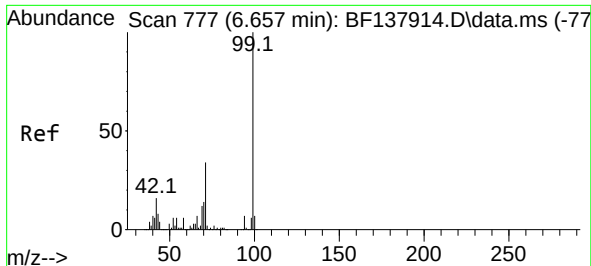
Tgt Ion:152 Resp: 126683
 Ion Ratio Lower Upper
 152 100
 150 157.3 125.7 188.5
 115 61.5 47.0 70.6



#5
 2-Fluorophenol
 Concen: 111.776 ng
 RT: 5.675 min Scan# 610
 Delta R.T. 0.012 min
 Lab File: BF137953.D
 Acq: 20 May 2024 11:33

Tgt Ion:112 Resp: 833616
 Ion Ratio Lower Upper
 112 100
 64 53.1 42.4 63.6
 63 27.2 21.4 32.2

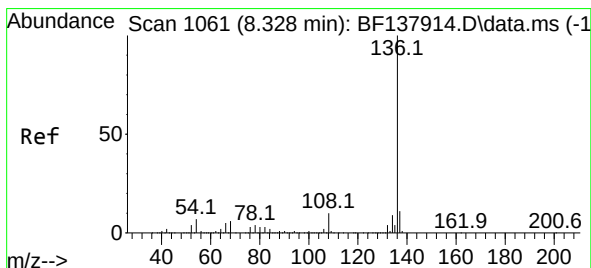
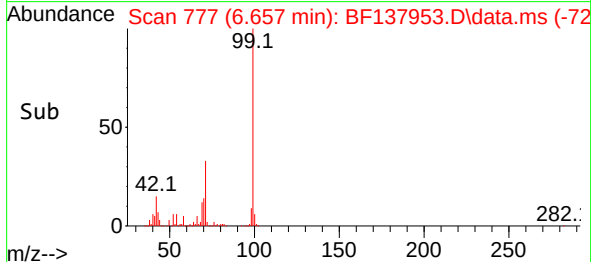
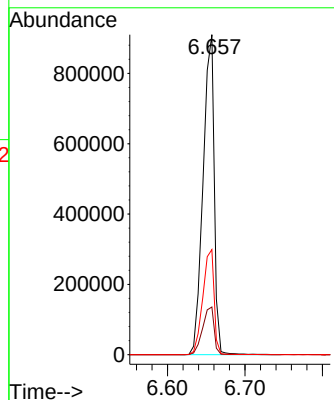
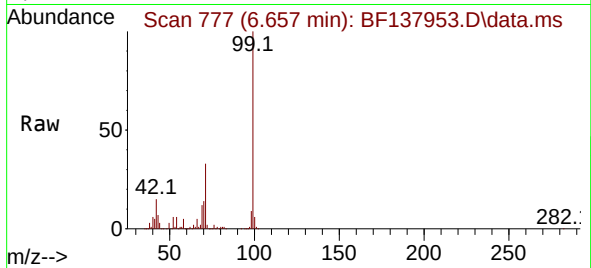




#7
Phenol-d6
Concen: 99.154 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF137953.D
Acq: 20 May 2024 11:33

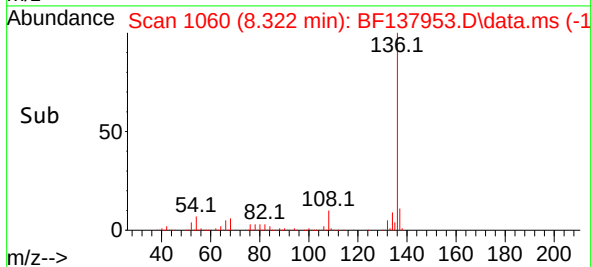
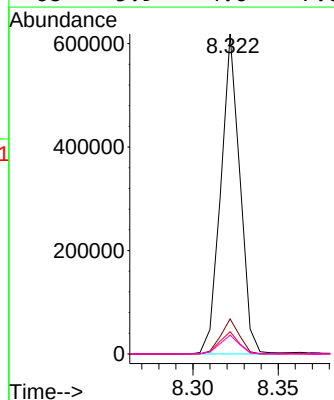
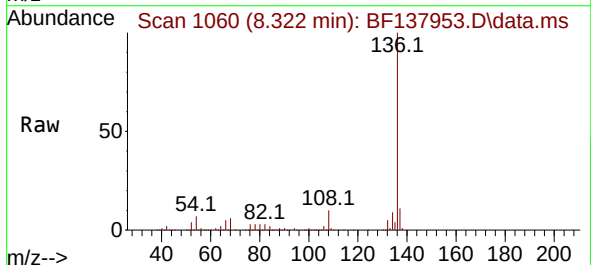
Instrument :
BNA_F
ClientSampleId :
WCS-TPK

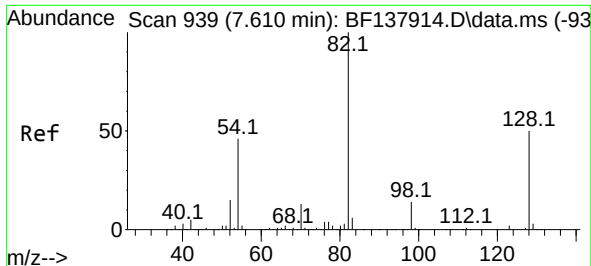
Tgt Ion: 99 Resp: 910921
Ion Ratio Lower Upper
99 100
42 14.9 12.6 18.8
71 32.8 27.1 40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF137953.D
Acq: 20 May 2024 11:33

Tgt Ion: 136 Resp: 482393
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.9 5.4 8.2
68 5.9 4.6 7.0





#23

Nitrobenzene-d5

Concen: 84.041 ng

RT: 7.604 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF137953.D

Acq: 20 May 2024 11:33

Instrument :

BNA_F

ClientSampleId :

WCS-TPK

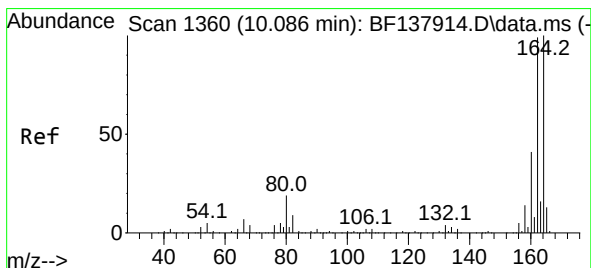
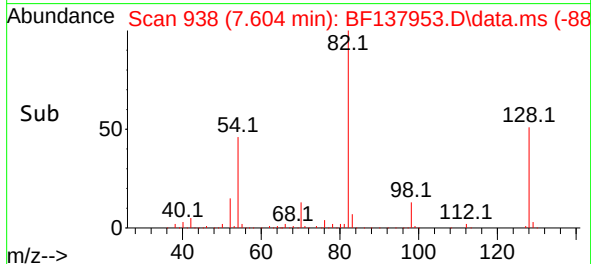
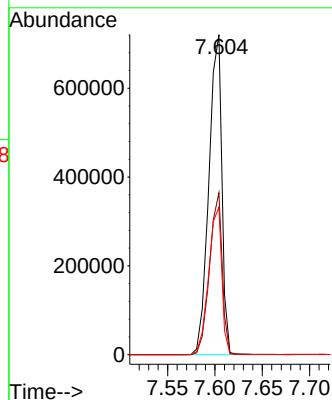
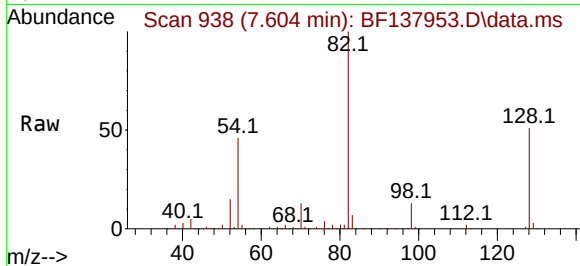
Tgt Ion: 82 Resp: 688878

Ion Ratio Lower Upper

82 100

128 50.6 40.3 60.5

54 46.0 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.080 min Scan# 1359

Delta R.T. -0.006 min

Lab File: BF137953.D

Acq: 20 May 2024 11:33

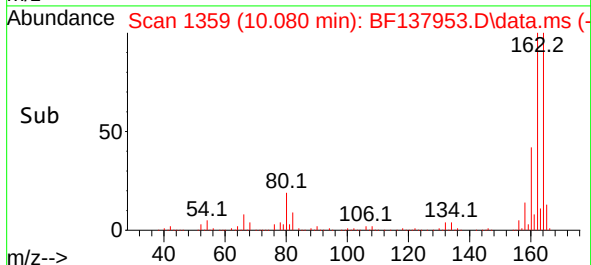
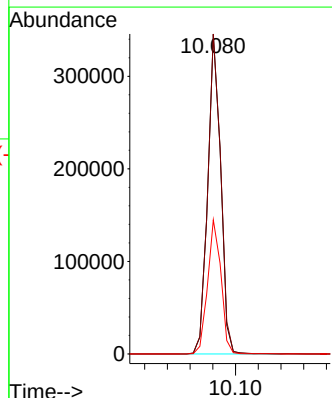
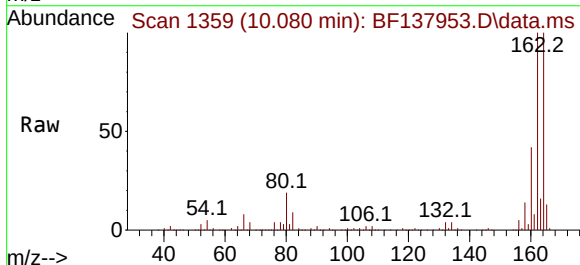
Tgt Ion:164 Resp: 271301

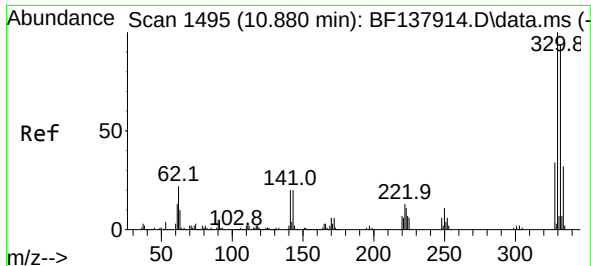
Ion Ratio Lower Upper

164 100

162 100.1 79.4 119.2

160 41.9 33.1 49.7

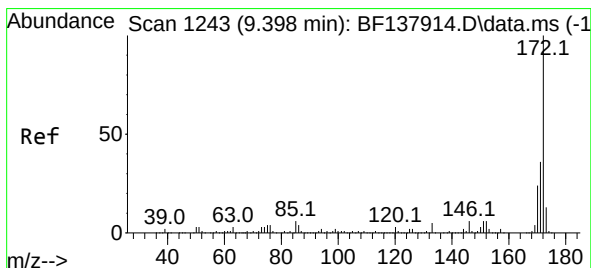
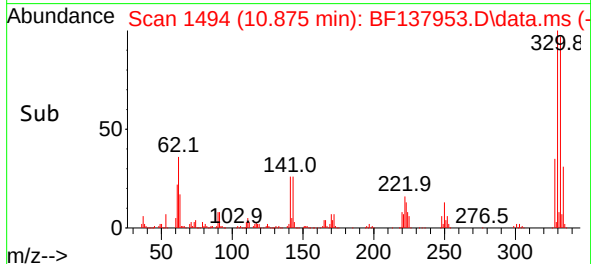
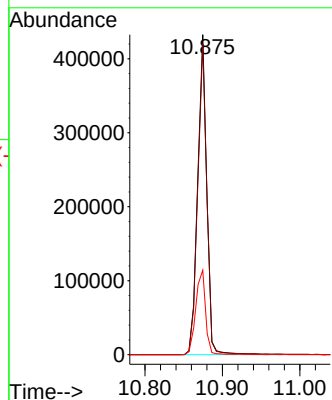
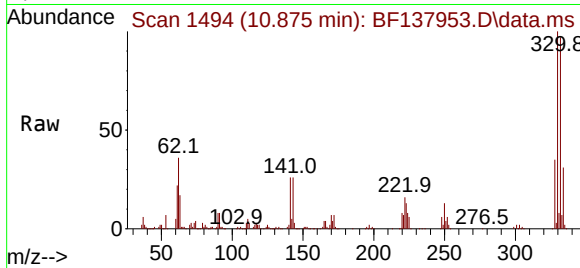




#42
2,4,6-Tribromophenol
Concen: 129.044 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF137953.D
Acq: 20 May 2024 11:33

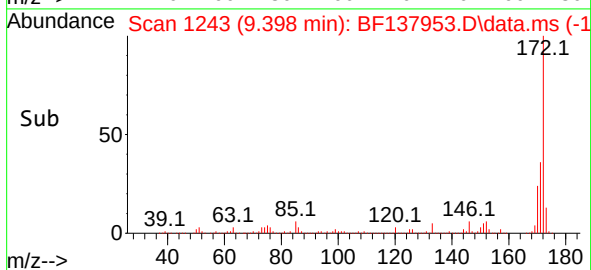
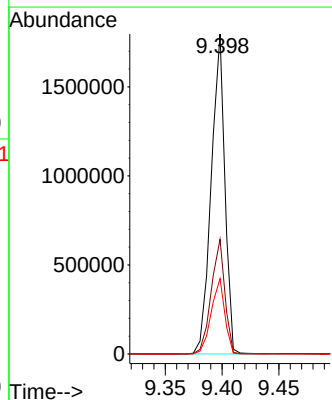
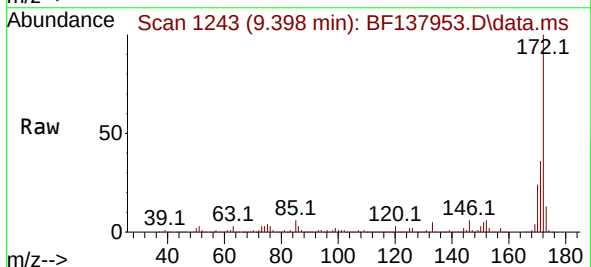
Instrument :
BNA_F
ClientSampleId :
WCS-TPK

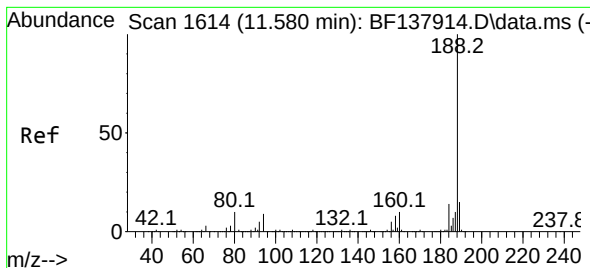
Tgt Ion:330 Resp: 353003
Ion Ratio Lower Upper
330 100
332 97.5 75.8 113.8
141 28.7 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 85.159 ng
RT: 9.398 min Scan# 1243
Delta R.T. 0.000 min
Lab File: BF137953.D
Acq: 20 May 2024 11:33

Tgt Ion:172 Resp: 1499873
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 23.5 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.574 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF137953.D

Acq: 20 May 2024 11:33

Instrument :

BNA_F

ClientSampleId :

WCS-TPK

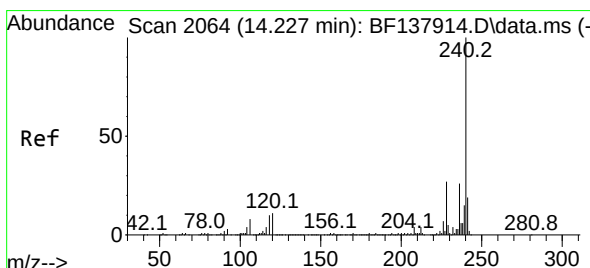
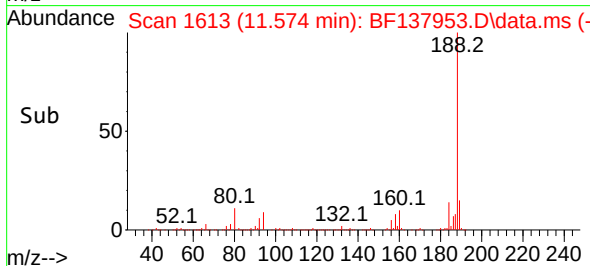
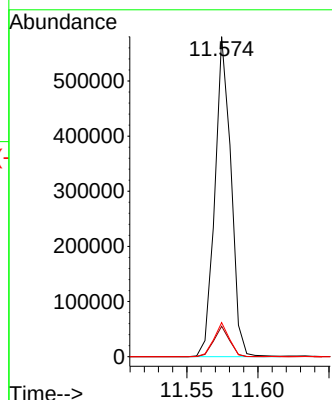
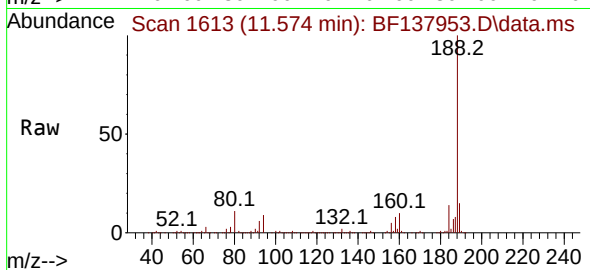
Tgt Ion:188 Resp: 458214

Ion Ratio Lower Upper

188 100

94 9.5 7.0 10.4

80 10.6 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.221 min Scan# 2063

Delta R.T. -0.006 min

Lab File: BF137953.D

Acq: 20 May 2024 11:33

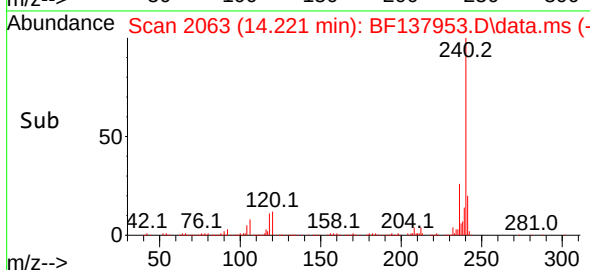
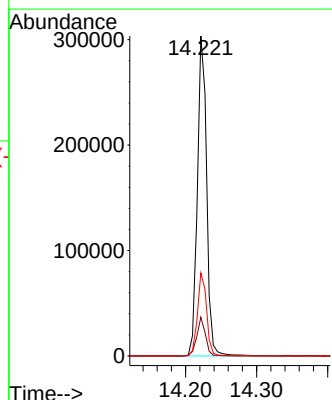
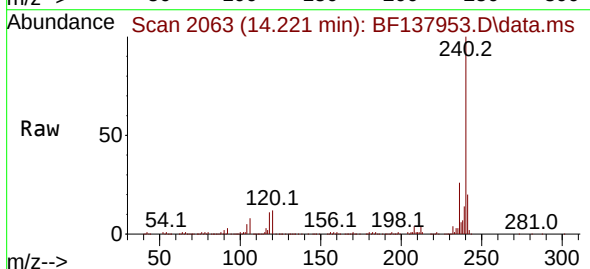
Tgt Ion:240 Resp: 276629

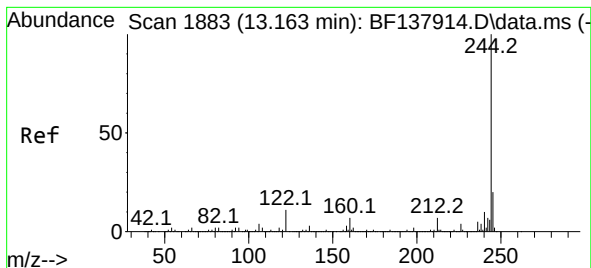
Ion Ratio Lower Upper

240 100

120 12.1 8.9 13.3

236 25.9 21.0 31.4





#79

Terphenyl-d14

Concen: 78.934 ng

RT: 13.163 min Scan# 1883

Delta R.T. 0.000 min

Lab File: BF137953.D

Acq: 20 May 2024 11:33

Instrument :

BNA_F

ClientSampleId :

WCS-TPK

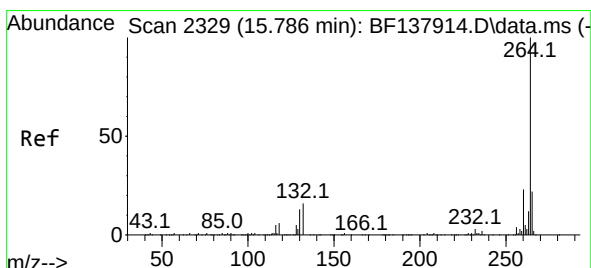
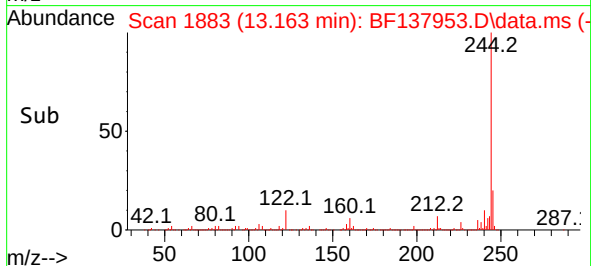
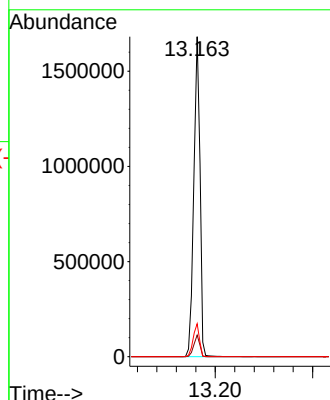
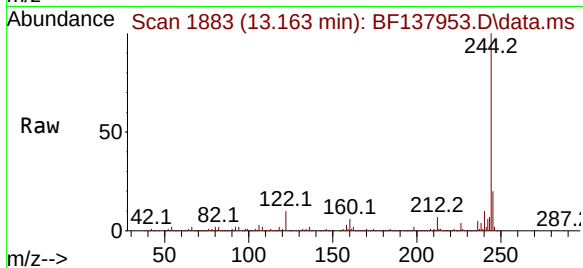
Tgt Ion:244 Resp: 1481570

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 10.3 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.786 min Scan# 2329

Delta R.T. 0.000 min

Lab File: BF137953.D

Acq: 20 May 2024 11:33

Tgt Ion:264 Resp: 320574

Ion Ratio Lower Upper

264 100

260 24.1 18.3 27.5

265 20.5 17.6 26.4

