

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053024\
Data File : BF138077.D
Acq On : 30 May 2024 15:54
Operator : CG\JU
Sample : P2646-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WCS-TPS

Quant Time: May 30 16:19:08 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	7.033	152	90539	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	351388	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	196721	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	299136	20.000	ng	0.00
76) Chrysene-d12	14.227	240	140713	20.000	ng	0.00
86) Perylene-d12	15.798	264	158135	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	555829	104.282	ng	0.00
7) Phenol-d6	6.657	99	652599	99.394	ng	0.00
23) Nitrobenzene-d5	7.598	82	406166	68.025	ng	-0.01
42) 2,4,6-Tribromophenol	10.874	330	215040	108.412	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	762788	59.729	ng	0.00
79) Terphenyl-d14	13.163	244	624028	65.359	ng	0.00

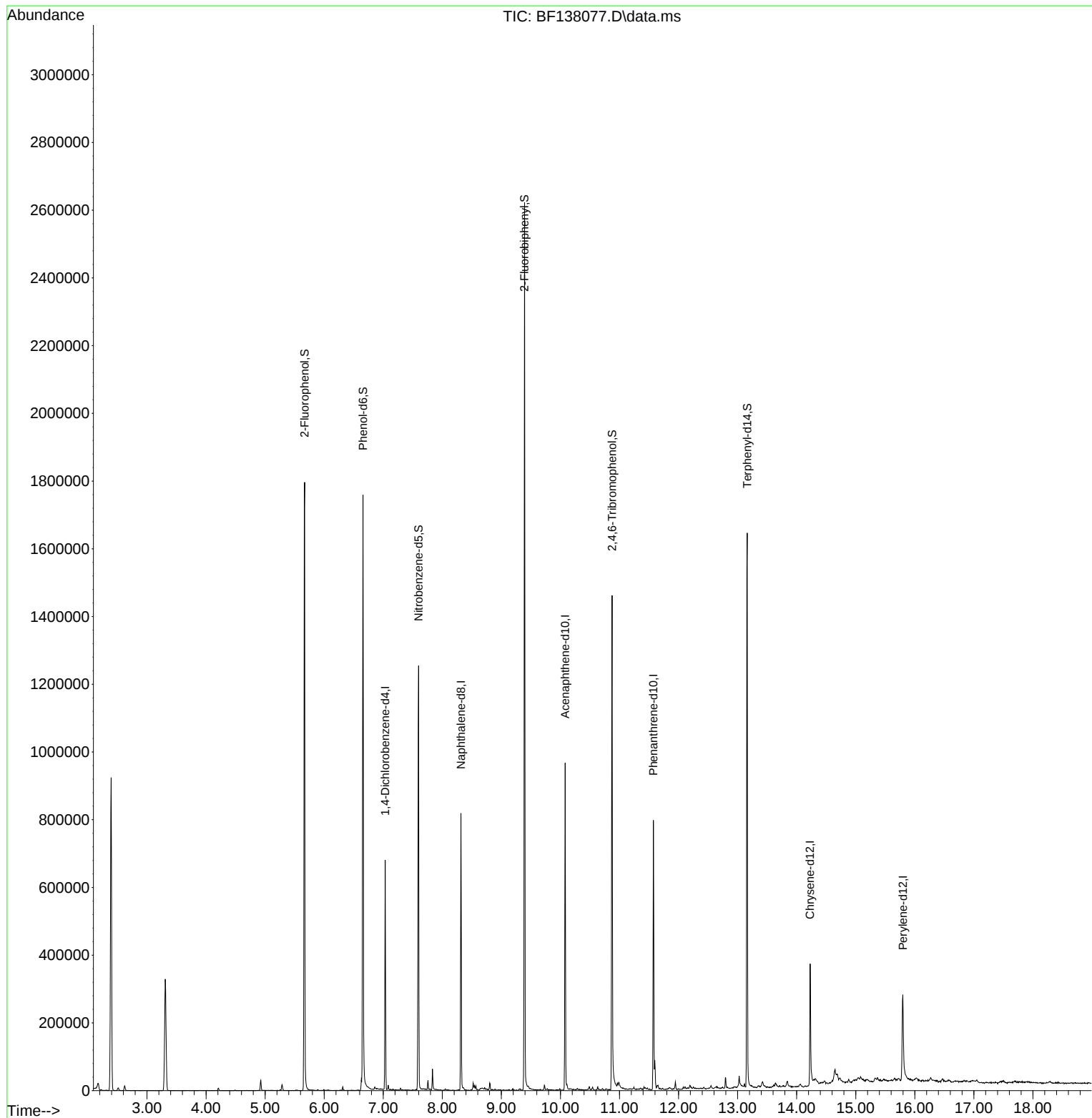
Target Compounds	Qvalue

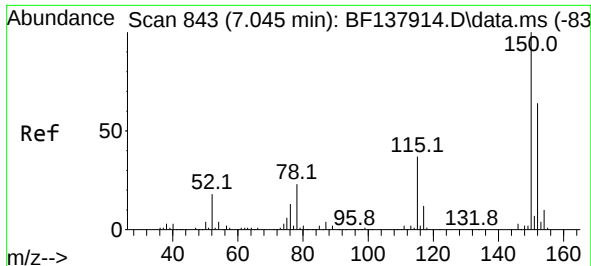
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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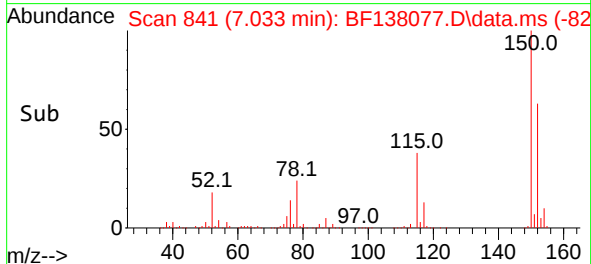
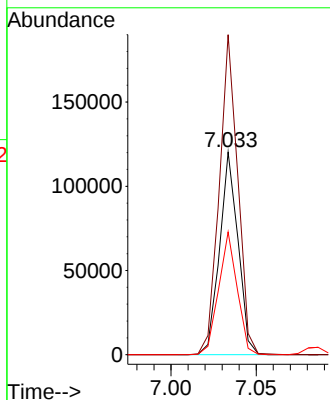
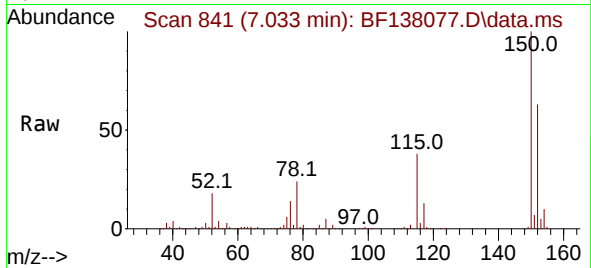




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.033 min Scan# 84
 Delta R.T. -0.012 min
 Lab File: BF138077.D
 Acq: 30 May 2024 15:54

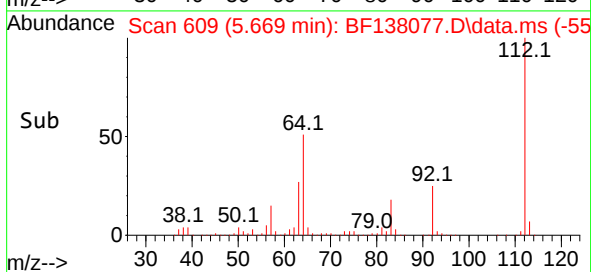
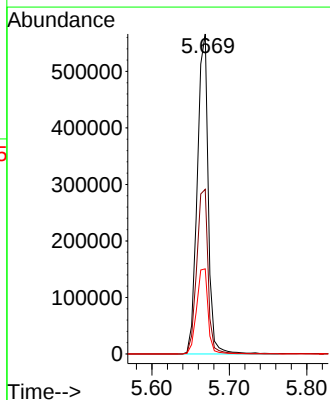
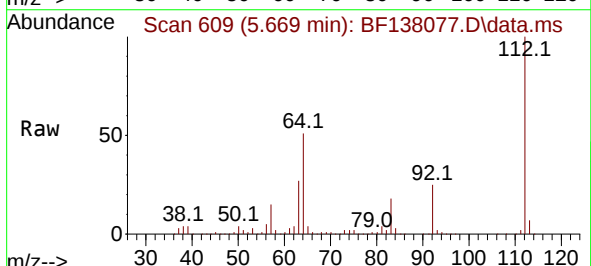
Instrument :
 BNA_F
 ClientSampleId :
 WCS-TPS

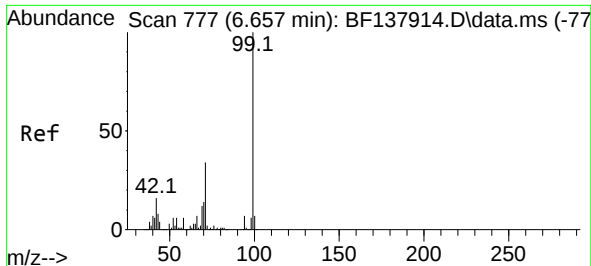
Tgt Ion:152 Resp: 90539
 Ion Ratio Lower Upper
 152 100
 150 158.0 125.7 188.5
 115 60.6 47.0 70.6



#5
 2-Fluorophenol
 Concen: 104.282 ng
 RT: 5.669 min Scan# 609
 Delta R.T. 0.006 min
 Lab File: BF138077.D
 Acq: 30 May 2024 15:54

Tgt Ion:112 Resp: 555829
 Ion Ratio Lower Upper
 112 100
 64 51.4 42.4 63.6
 63 26.6 21.4 32.2

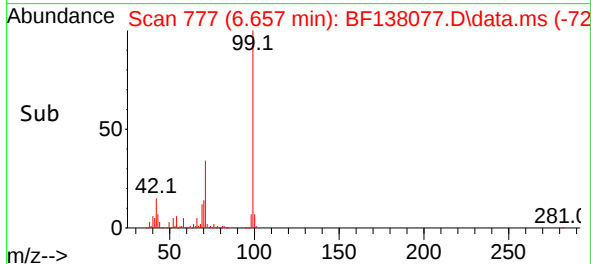
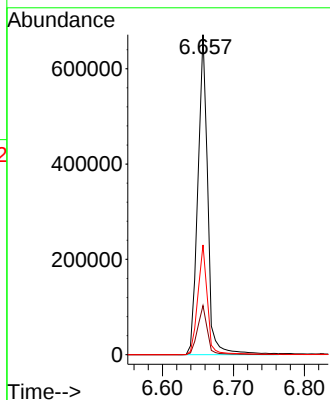
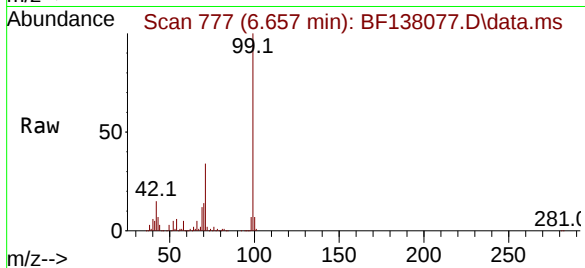




#7
Phenol-d6
Concen: 99.394 ng
RT: 6.657 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF138077.D
Acq: 30 May 2024 15:54

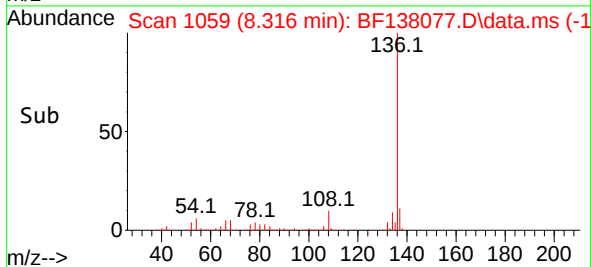
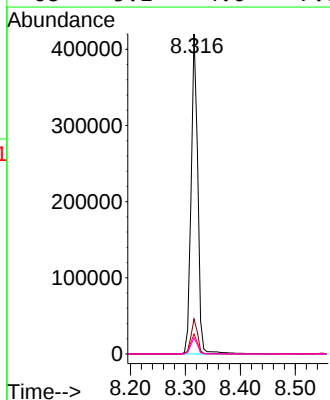
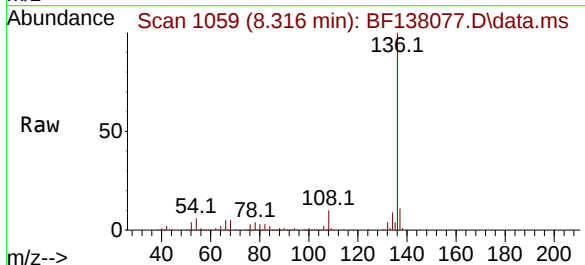
Instrument :
BNA_F
ClientSampleId :
WCS-TPS

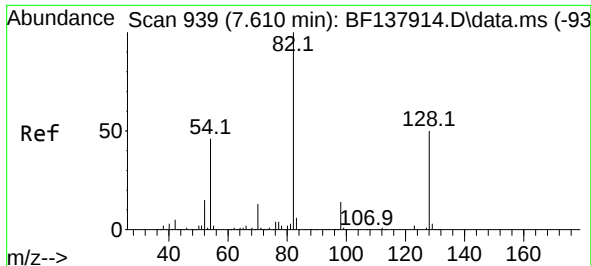
Tgt Ion: 99 Resp: 652599
Ion Ratio Lower Upper
99 100
42 15.3 12.6 18.8
71 34.3 27.1 40.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138077.D
Acq: 30 May 2024 15:54

Tgt Ion: 136 Resp: 351388
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 6.3 5.4 8.2
68 5.1 4.6 7.0





#23

Nitrobenzene-d5

Concen: 68.025 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138077.D

Acq: 30 May 2024 15:54

Instrument :

BNA_F

ClientSampleId :

WCS-TPS

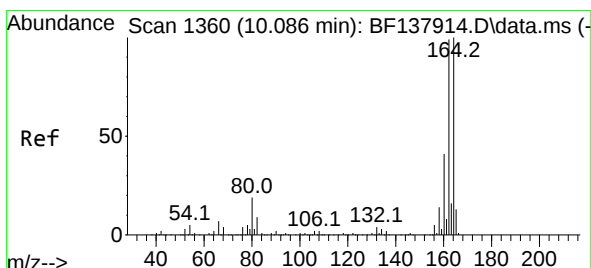
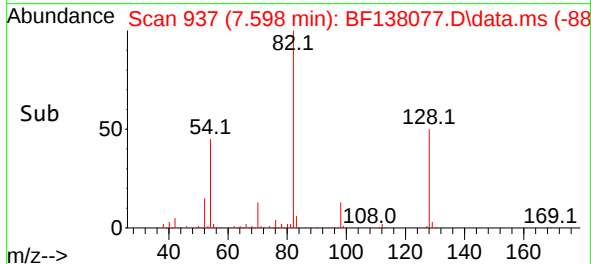
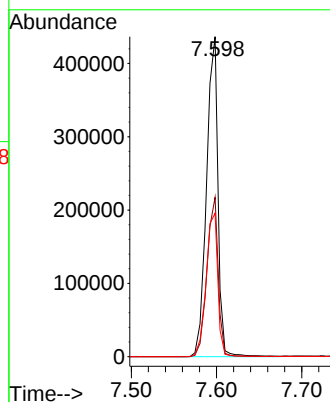
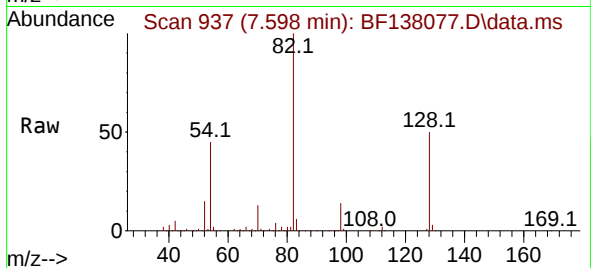
Tgt Ion: 82 Resp: 406166

Ion Ratio Lower Upper

82 100

128 49.8 40.3 60.5

54 44.9 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: BF138077.D

Acq: 30 May 2024 15:54

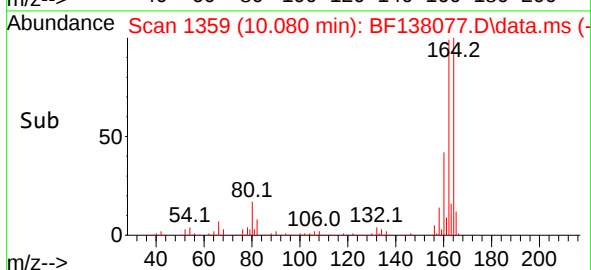
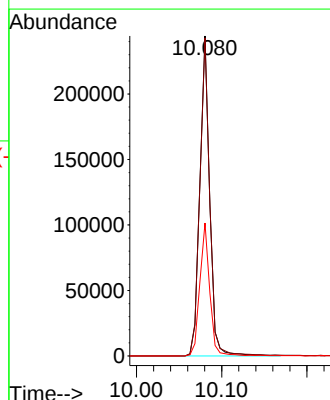
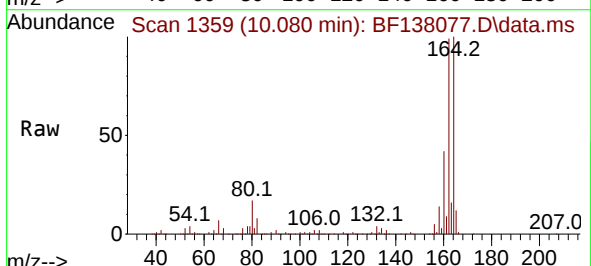
Tgt Ion: 164 Resp: 196721

Ion Ratio Lower Upper

164 100

162 99.4 79.4 119.2

160 41.6 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 108.412 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF138077.D

Acq: 30 May 2024 15:54

Instrument :

BNA_F

ClientSampleId :

WCS-TPS

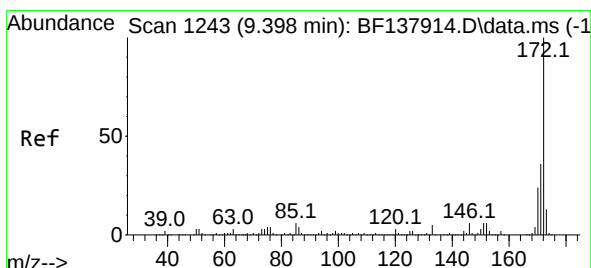
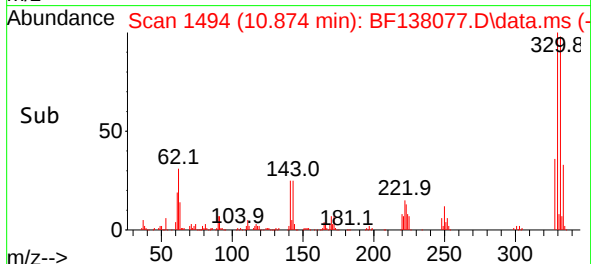
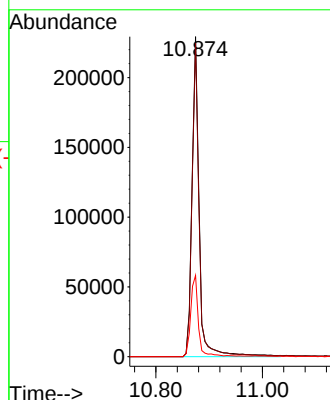
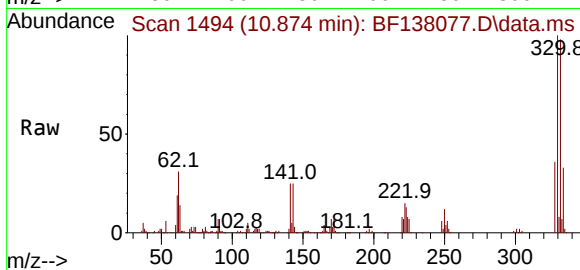
Tgt Ion:330 Resp: 215040

Ion Ratio Lower Upper

330 100

332 96.6 75.8 113.8

141 27.2 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 59.729 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF138077.D

Acq: 30 May 2024 15:54

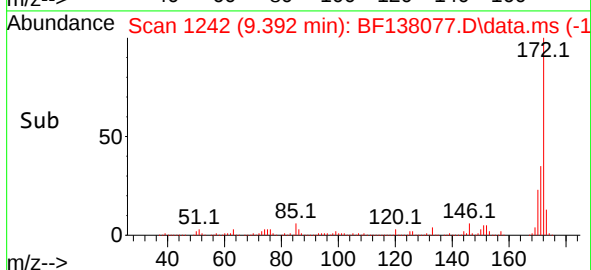
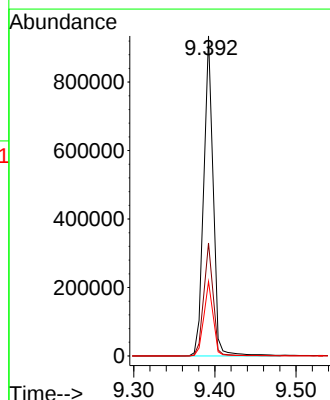
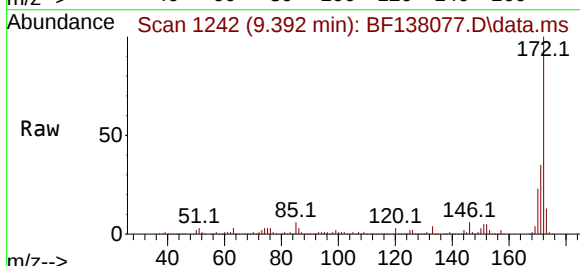
Tgt Ion:172 Resp: 762788

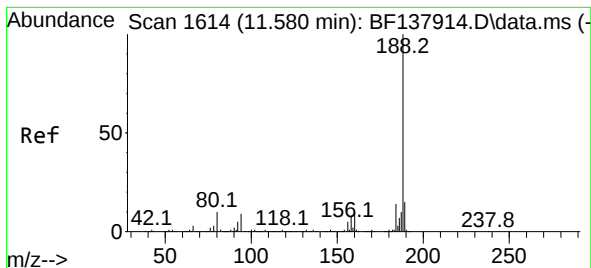
Ion Ratio Lower Upper

172 100

171 35.3 28.9 43.3

170 23.2 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: BF138077.D

Acq: 30 May 2024 15:54

Instrument :

BNA_F

ClientSampleId :

WCS-TPS

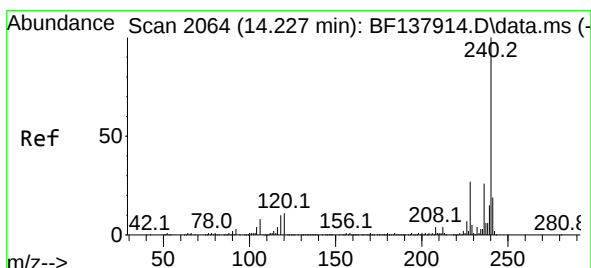
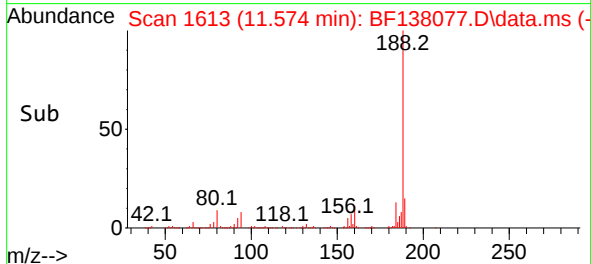
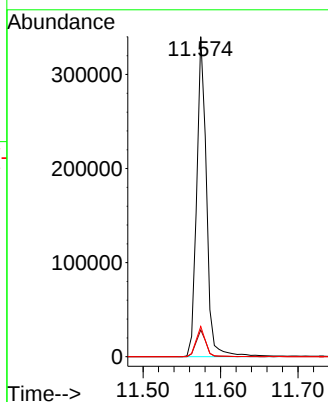
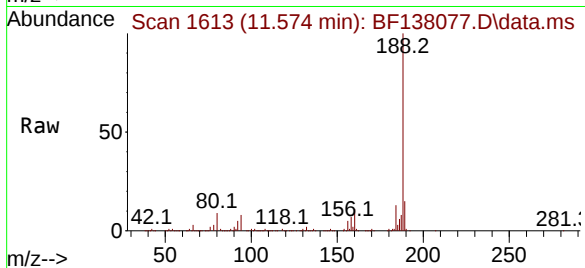
Tgt Ion:188 Resp: 299136

Ion Ratio Lower Upper

188 100

94 8.3 7.0 10.4

80 9.4 7.7 11.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.227 min Scan# 2064

Delta R.T. -0.000 min

Lab File: BF138077.D

Acq: 30 May 2024 15:54

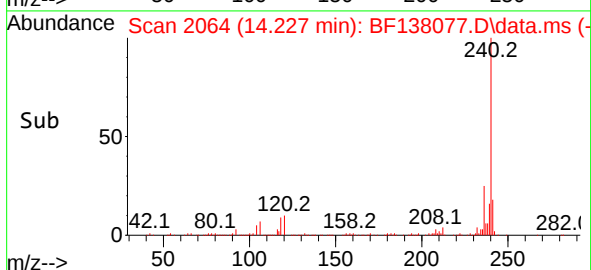
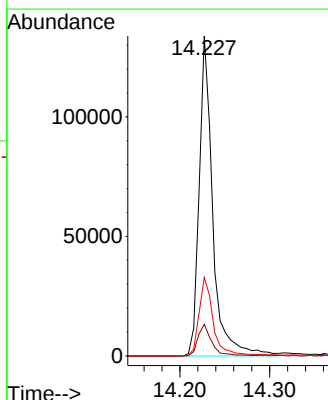
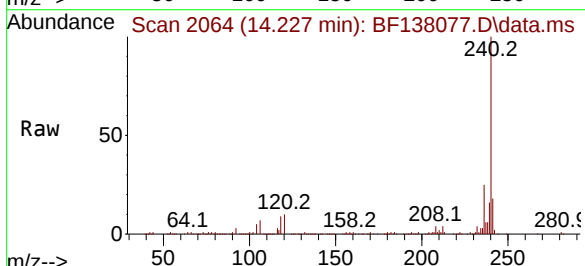
Tgt Ion:240 Resp: 140713

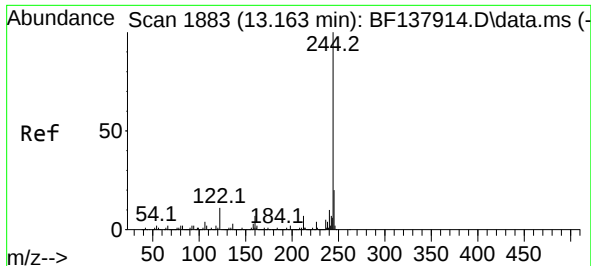
Ion Ratio Lower Upper

240 100

120 9.9 8.9 13.3

236 24.6 21.0 31.4

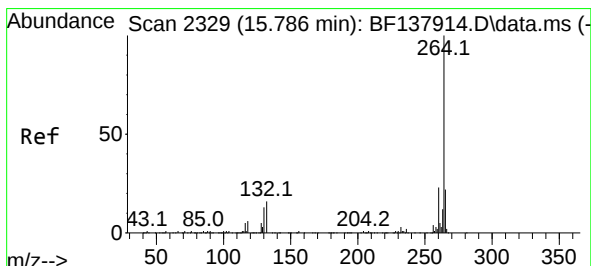
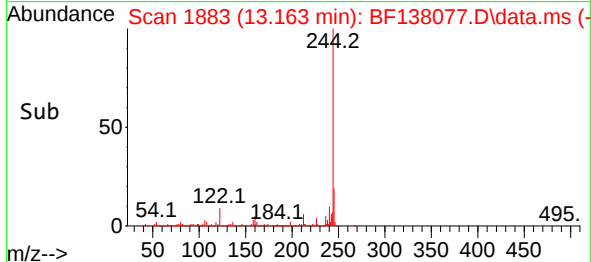
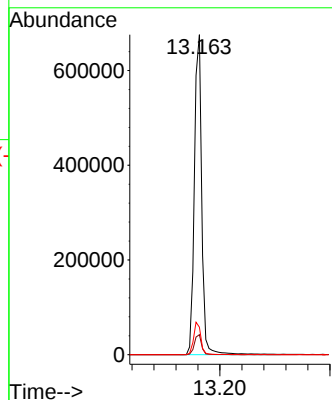
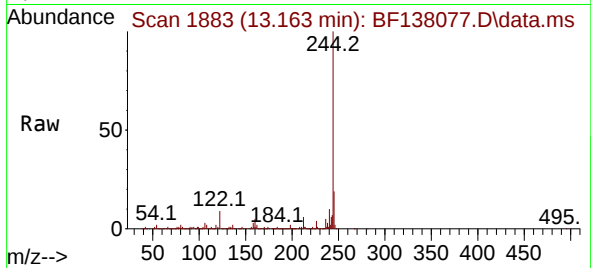




#79
 Terphenyl-d14
 Concen: 65.359 ng
 RT: 13.163 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF138077.D
 Acq: 30 May 2024 15:54

Instrument :
 BNA_F
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 WCS-TPS

Tgt Ion:244 Resp: 624028
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.6 8.4
 122 8.6 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.798 min Scan# 2331
 Delta R.T. 0.012 min
 Lab File: BF138077.D
 Acq: 30 May 2024 15:54

Tgt Ion:264 Resp: 158135
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.3 27.5
 265 20.8 17.6 26.4

