

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
 Data File : BF138023.D
 Acq On : 23 May 2024 12:51
 Operator : CG\JU
 Sample : PB161075BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161075BL

Quant Time: May 23 13:19:34 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	7.034	152	135560	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	534940	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	307858	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	534158	20.000	ng	0.00
76) Chrysene-d12	14.227	240	306751	20.000	ng	0.00
86) Perylene-d12	15.792	264	254683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1049578	131.518	ng	0.00
7) Phenol-d6	6.651	99	1265423	128.722	ng	0.00
23) Nitrobenzene-d5	7.598	82	784624	86.319	ng	-0.01
42) 2,4,6-Tribromophenol	10.874	330	420781	135.555	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1695335	84.827	ng	0.00
79) Terphenyl-d14	13.168	244	1913171	91.919	ng	0.00

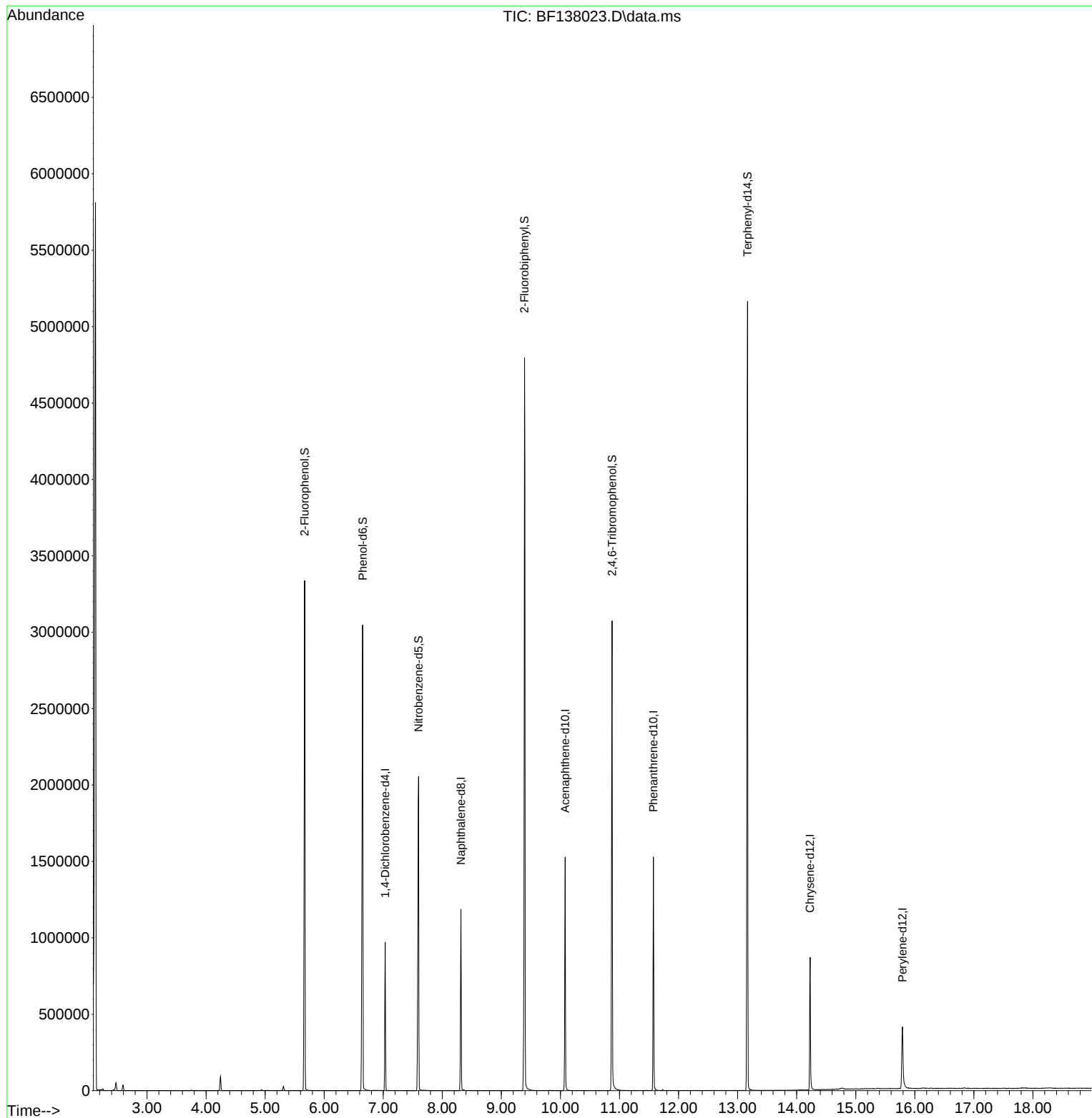
Target Compounds	Qvalue

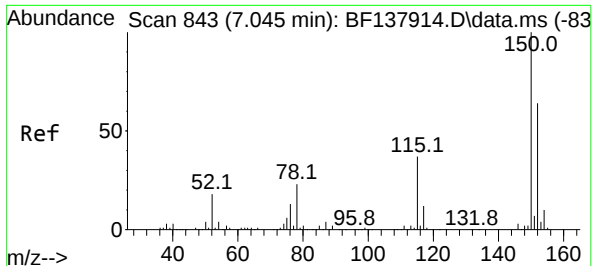
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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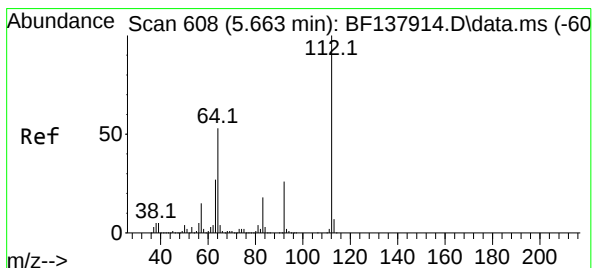
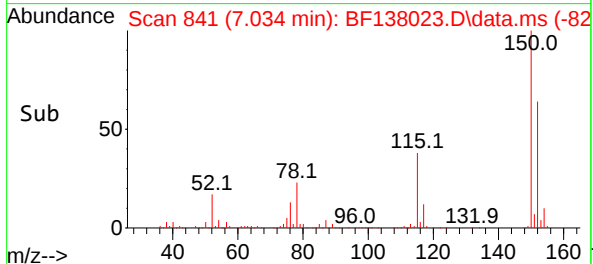
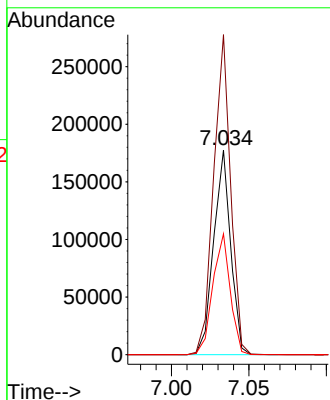
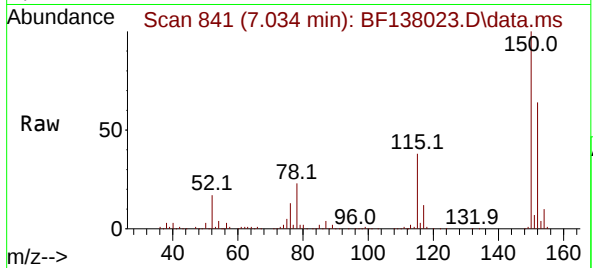




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.011 min
Lab File: BF138023.D
Acq: 23 May 2024 12:51

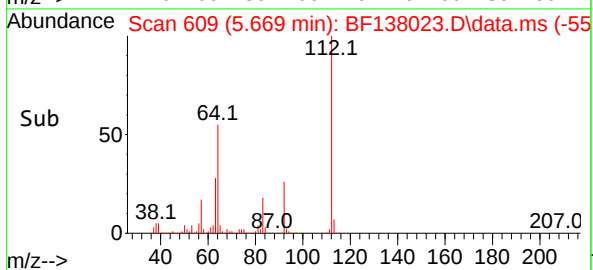
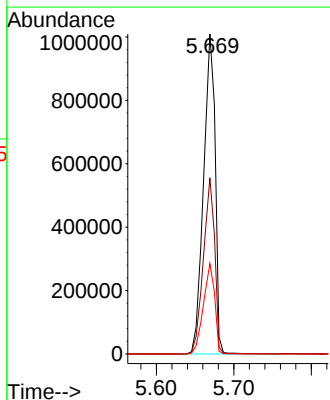
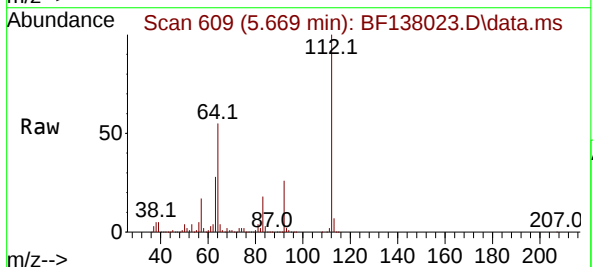
Instrument :
BNA_F
ClientSampleId :
PB161075BL

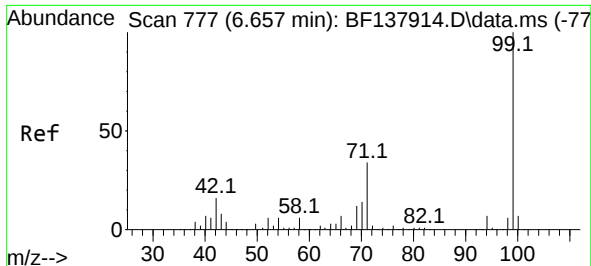
Tgt Ion:152 Resp: 135560
Ion Ratio Lower Upper
152 100
150 156.4 125.7 188.5
115 59.0 47.0 70.6



#5
2-Fluorophenol
Concen: 131.518 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF138023.D
Acq: 23 May 2024 12:51

Tgt Ion:112 Resp: 1049578
Ion Ratio Lower Upper
112 100
64 55.0 42.4 63.6
63 28.3 21.4 32.2



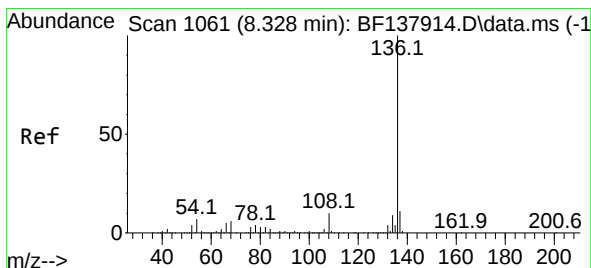
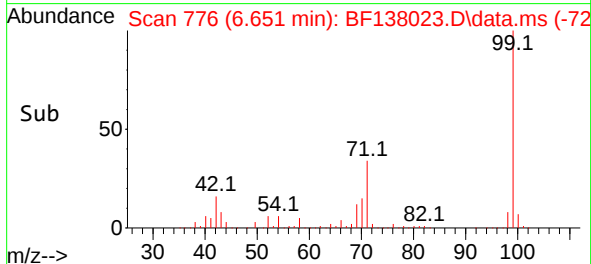
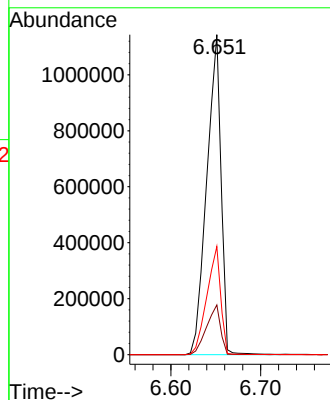
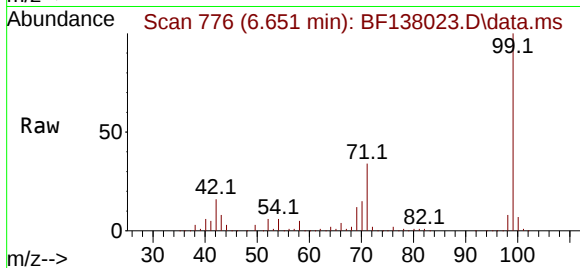


#7
Phenol-d6
Concen: 128.722 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138023.D
Acq: 23 May 2024 12:51

Instrument :
BNA_F
ClientSampleId :
PB161075BL

Tgt Ion: 99 Resp: 1265423

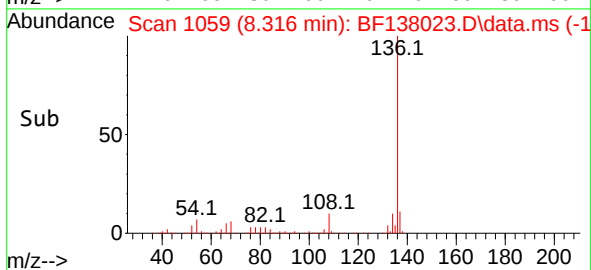
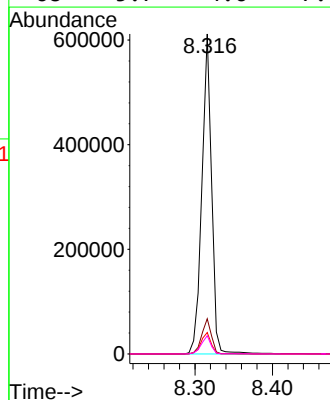
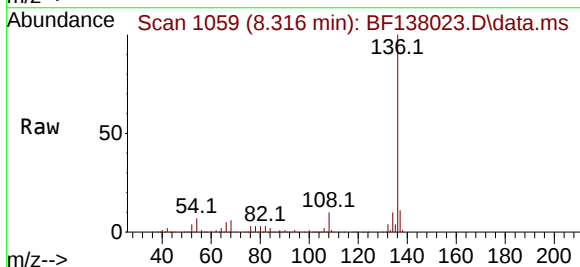
Ion	Ratio	Lower	Upper
99	100		
42	15.6	12.6	18.8
71	33.8	27.1	40.7

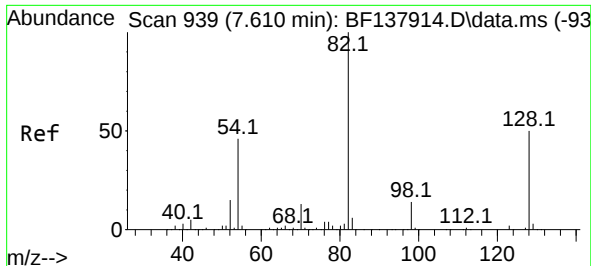


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138023.D
Acq: 23 May 2024 12:51

Tgt Ion: 136 Resp: 534940

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.7	5.4	8.2
68	5.7	4.6	7.0





#23

Nitrobenzene-d5

Concen: 86.319 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138023.D

Acq: 23 May 2024 12:51

Instrument :

BNA_F

ClientSampleId :

PB161075BL

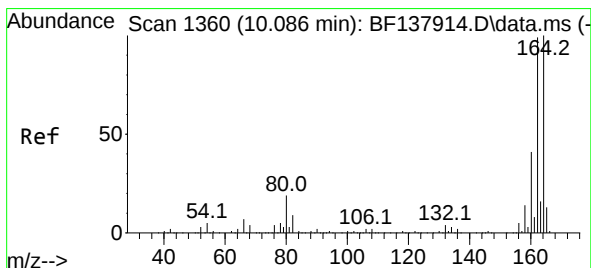
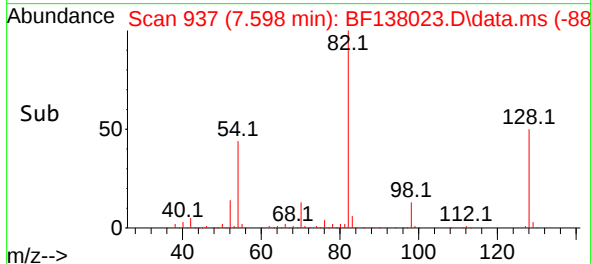
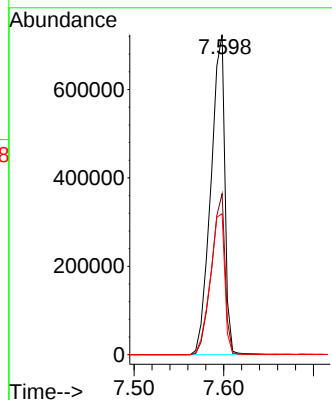
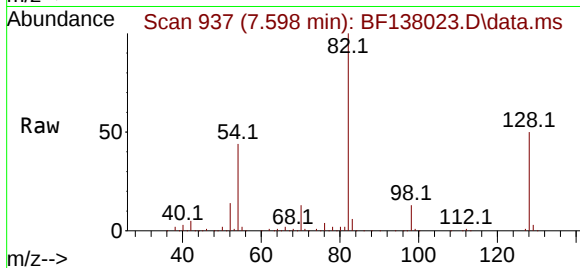
Tgt Ion: 82 Resp: 784624

Ion Ratio Lower Upper

82 100

128 50.3 40.3 60.5

54 44.1 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: BF138023.D

Acq: 23 May 2024 12:51

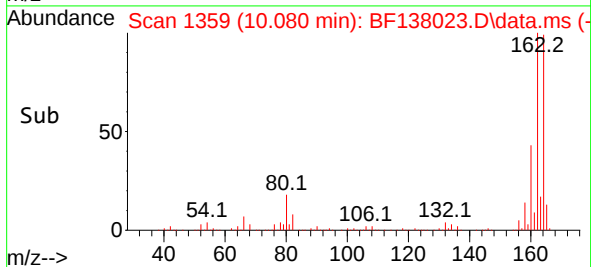
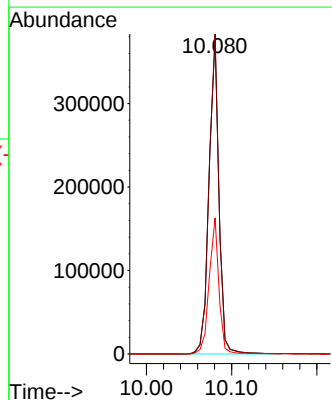
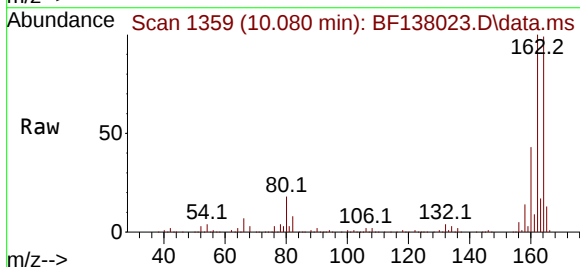
Tgt Ion:164 Resp: 307858

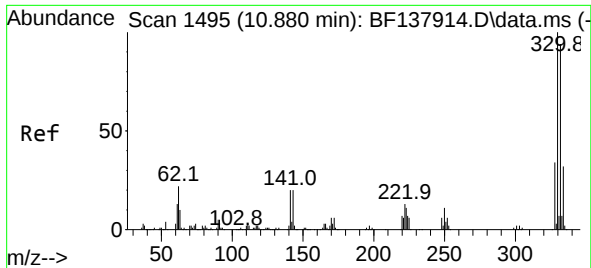
Ion Ratio Lower Upper

164 100

162 101.4 79.4 119.2

160 43.2 33.1 49.7

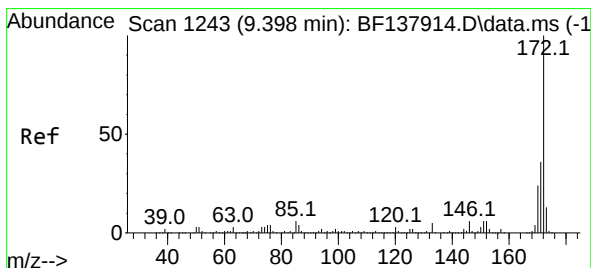
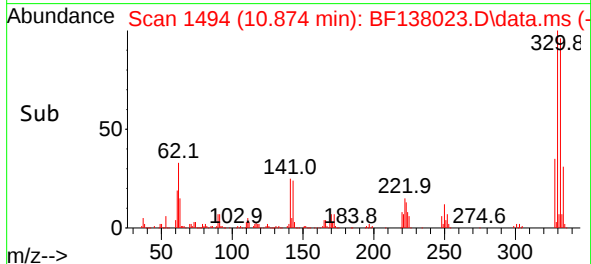
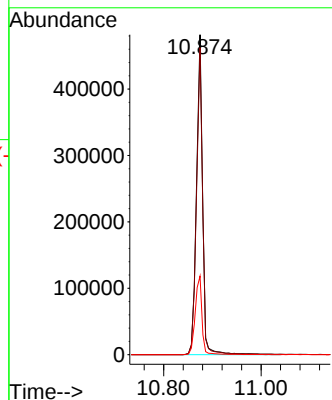
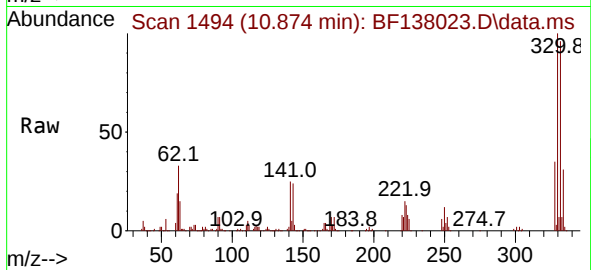




#42
2,4,6-Tribromophenol
Concen: 135.555 ng
RT: 10.874 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138023.D
Acq: 23 May 2024 12:51

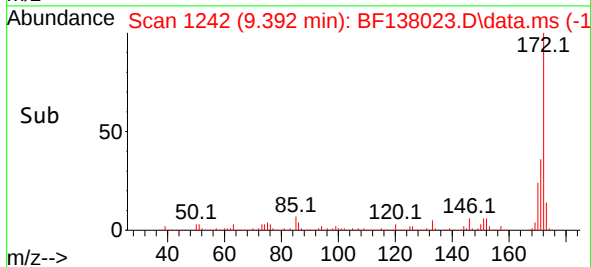
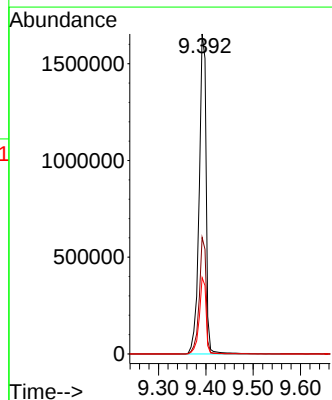
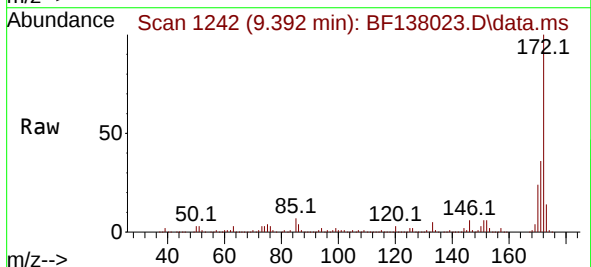
Instrument :
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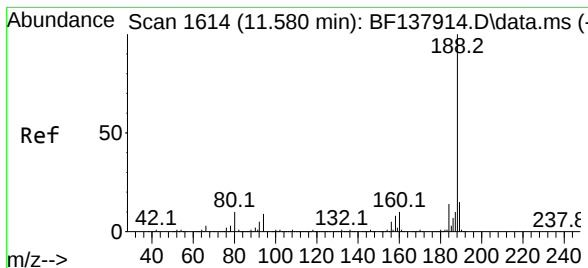
Tgt Ion:330 Resp: 420781
Ion Ratio Lower Upper
330 100
332 96.3 75.8 113.8
141 27.2 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 84.827 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF138023.D
Acq: 23 May 2024 12:51

Tgt Ion:172 Resp: 1695335
Ion Ratio Lower Upper
172 100
171 36.4 28.9 43.3
170 23.9 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: BF138023.D

Acq: 23 May 2024 12:51

Instrument :

BNA_F

ClientSampleId :

PB161075BL

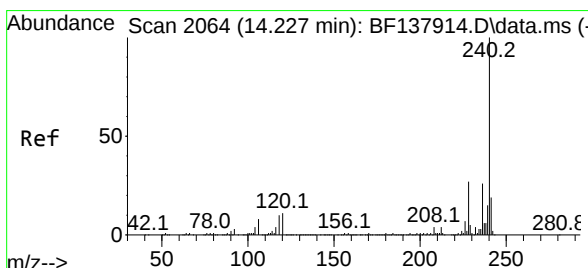
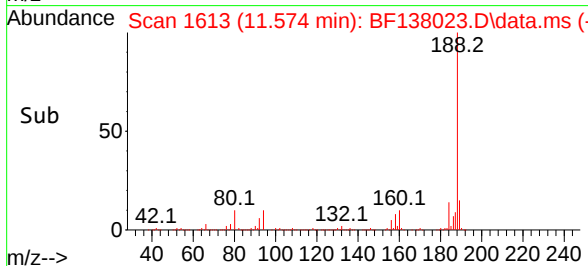
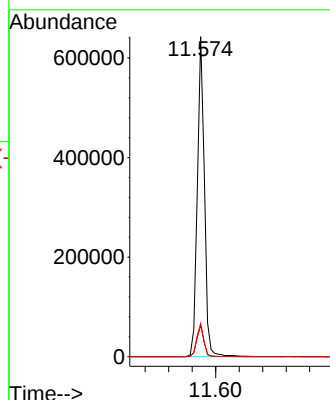
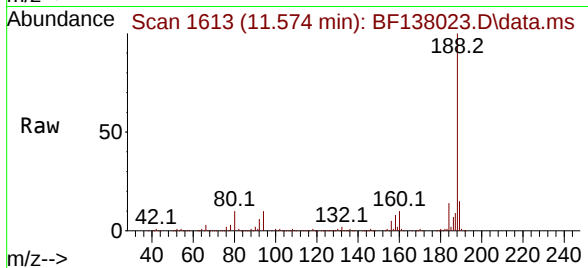
Tgt Ion:188 Resp: 534158

Ion Ratio Lower Upper

188 100

94 9.8 7.0 10.4

80 10.4 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: BF138023.D

Acq: 23 May 2024 12:51

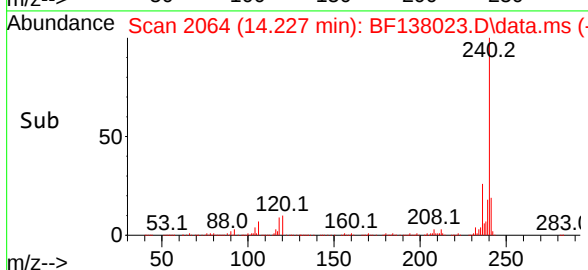
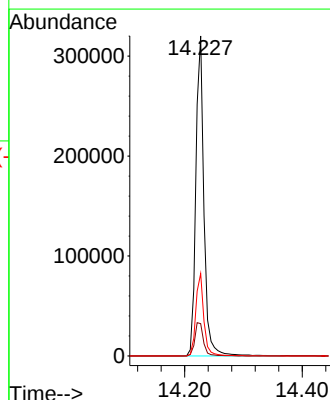
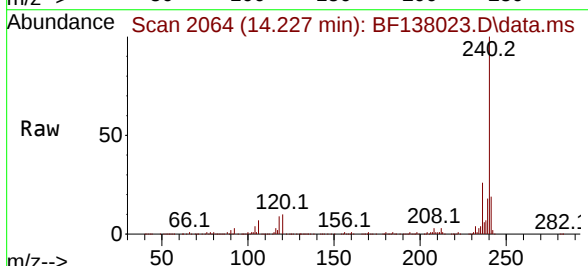
Tgt Ion:240 Resp: 306751

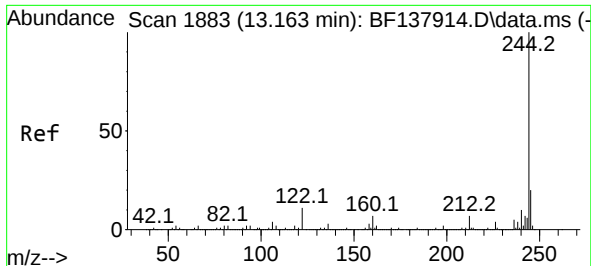
Ion Ratio Lower Upper

240 100

120 10.1 8.9 13.3

236 25.7 21.0 31.4

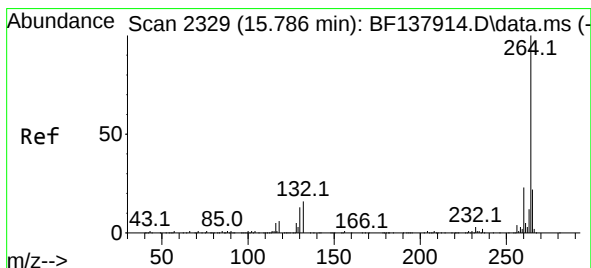
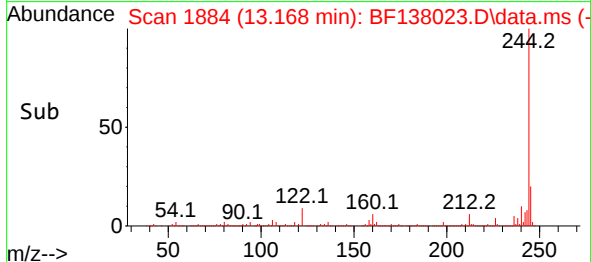
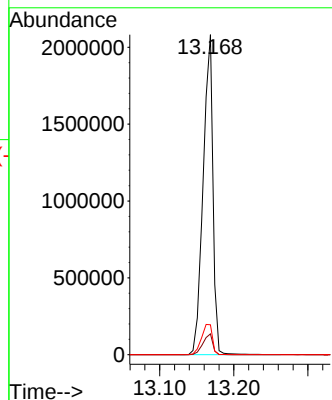
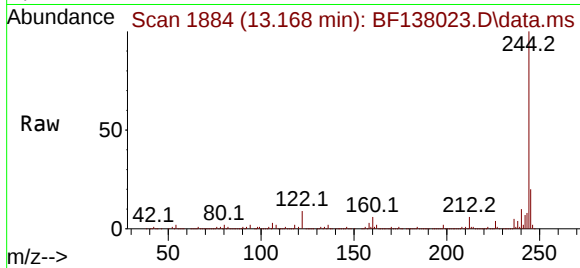




#79
 Terphenyl-d14
 Concen: 91.919 ng
 RT: 13.168 min Scan# 1883
 Delta R.T. 0.006 min
 Lab File: BF138023.D
 Acq: 23 May 2024 12:51

Instrument :
 BNA_F
 ClientSampleId :
 PB161075BL

Tgt Ion:244 Resp: 1913171
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 9.4 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.792 min Scan# 2330
 Delta R.T. 0.006 min
 Lab File: BF138023.D
 Acq: 23 May 2024 12:51

Tgt Ion:264 Resp: 254683
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.3 27.5
 265 21.9 17.6 26.4

