

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052324\
 Data File : BF138021.D
 Acq On : 23 May 2024 11:51
 Operator : CG\JU
 Sample : PB161005TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161005TB

Quant Time: May 23 12:21:27 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	139618	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	551411	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	319922	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	575512	20.000	ng	0.00
76) Chrysene-d12	14.227	240	342372	20.000	ng	0.00
86) Perylene-d12	15.792	264	279723	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1048057	127.511	ng	0.00
7) Phenol-d6	6.651	99	1284792	126.894	ng	0.00
23) Nitrobenzene-d5	7.598	82	783088	83.577	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	437221	135.540	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1715509	82.600	ng	0.00
79) Terphenyl-d14	13.169	244	2034562	87.581	ng	0.00

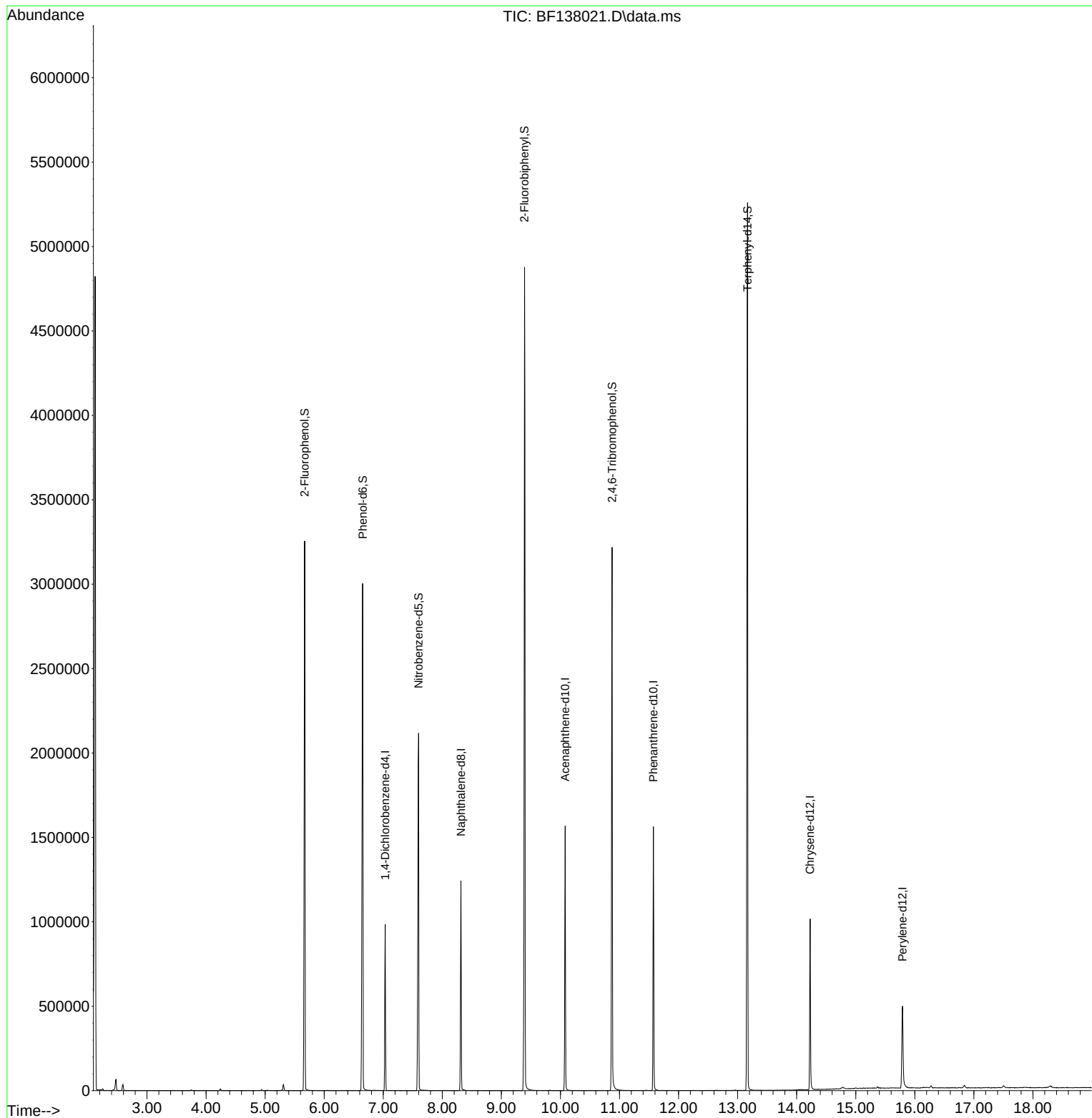
Target Compounds	Qvalue

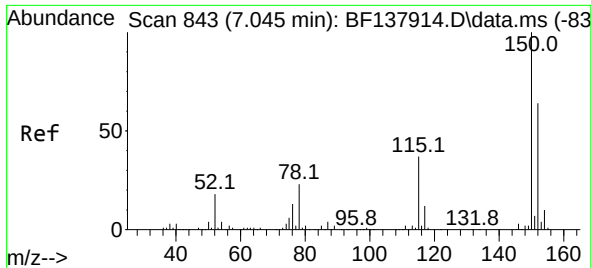
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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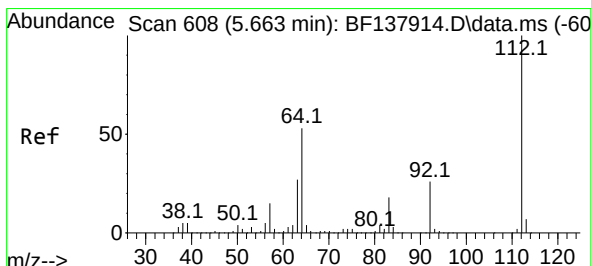
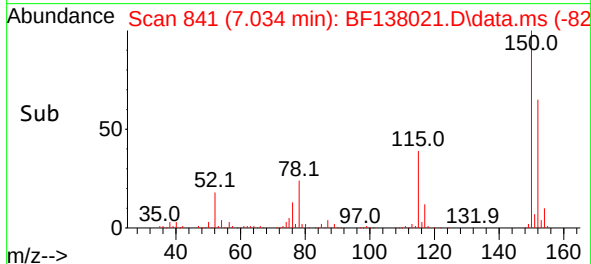
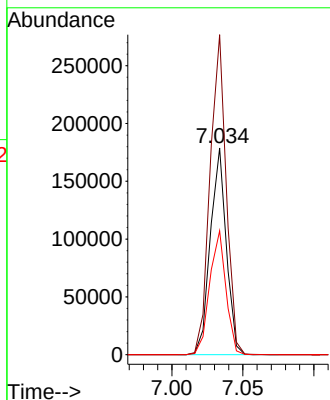
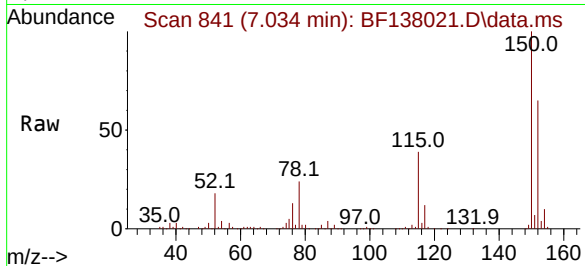




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138021.D
Acq: 23 May 2024 11:51

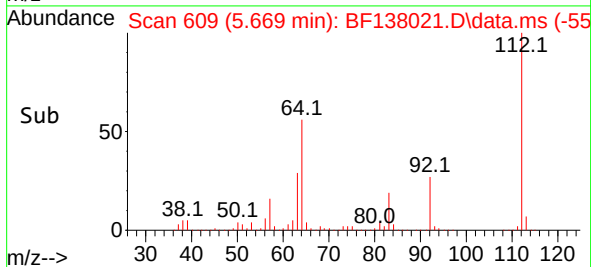
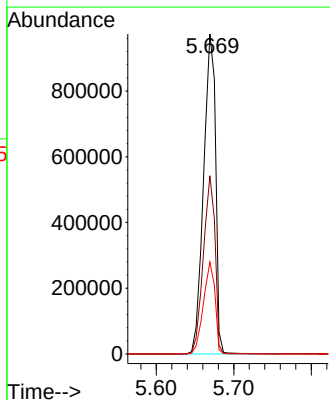
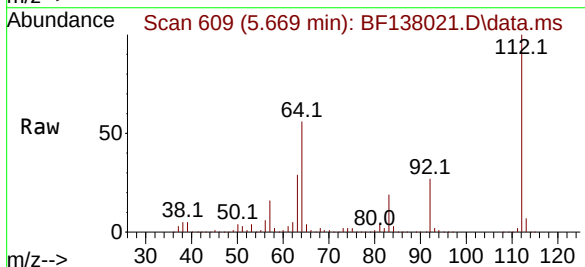
Instrument :
BNA_F
ClientSampleId :
PB161005TB

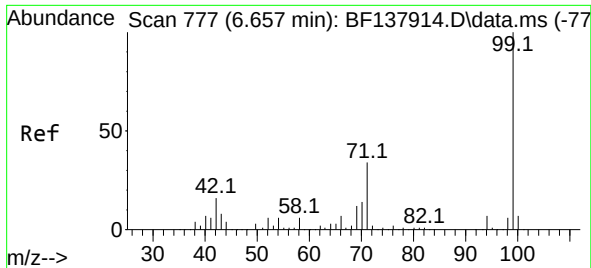
Tgt Ion:152 Resp: 139618
Ion Ratio Lower Upper
152 100
150 154.8 125.7 188.5
115 59.9 47.0 70.6



#5
2-Fluorophenol
Concen: 127.511 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF138021.D
Acq: 23 May 2024 11:51

Tgt Ion:112 Resp: 1048057
Ion Ratio Lower Upper
112 100
64 55.7 42.4 63.6
63 28.7 21.4 32.2



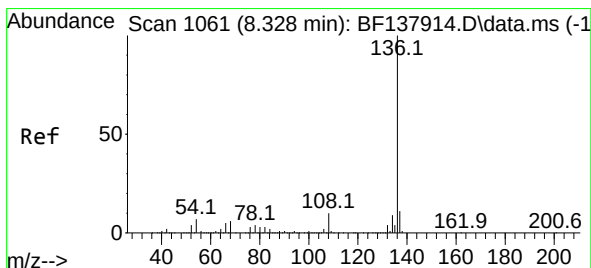
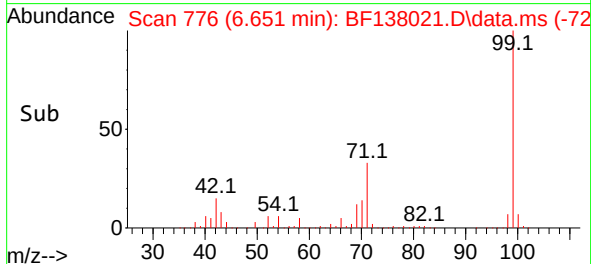
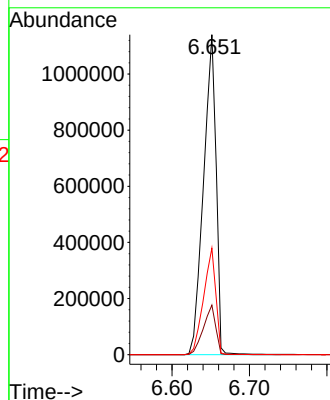
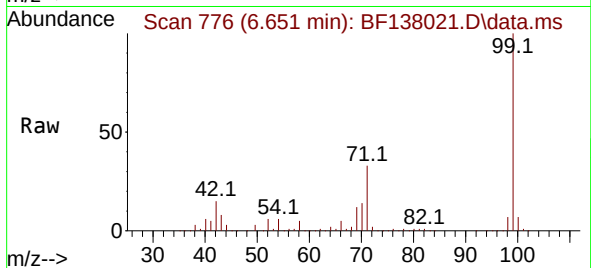


#7
Phenol-d6
Concen: 126.894 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF138021.D
Acq: 23 May 2024 11:51

Instrument :
BNA_F
ClientSampleId :
PB161005TB

Tgt Ion: 99 Resp: 1284792

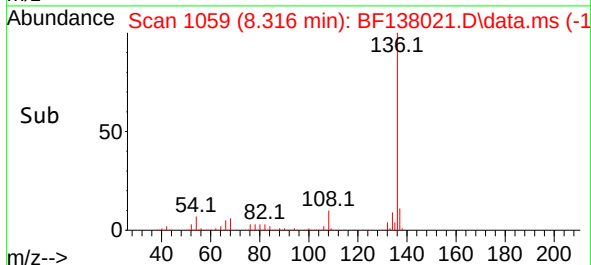
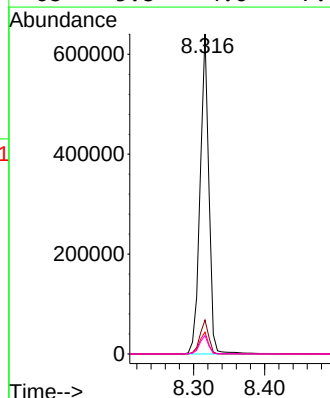
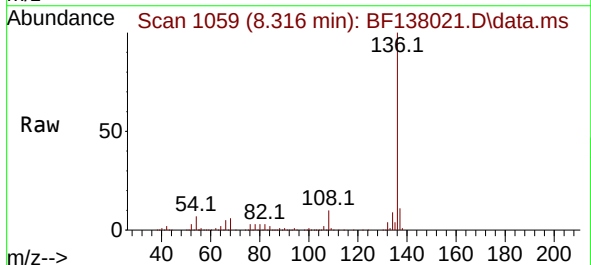
Ion	Ratio	Lower	Upper
99	100		
42	15.5	12.6	18.8
71	33.3	27.1	40.7

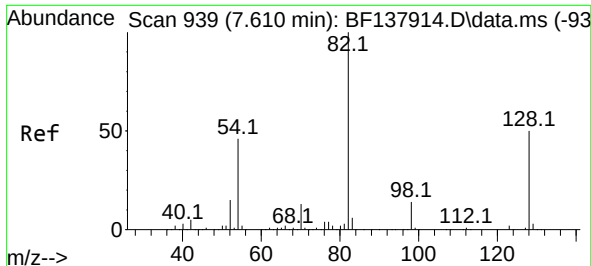


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF138021.D
Acq: 23 May 2024 11:51

Tgt Ion: 136 Resp: 551411

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.7	13.1
54	6.8	5.4	8.2
68	5.8	4.6	7.0





#23

Nitrobenzene-d5

Concen: 83.577 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138021.D

Acq: 23 May 2024 11:51

Instrument :

BNA_F

ClientSampleId :

PB161005TB

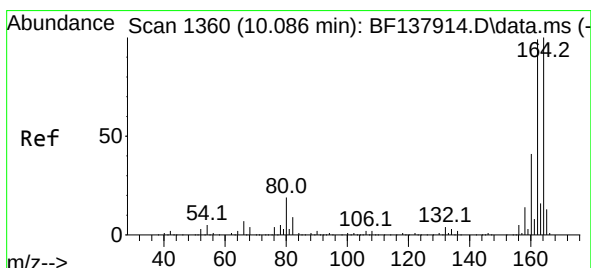
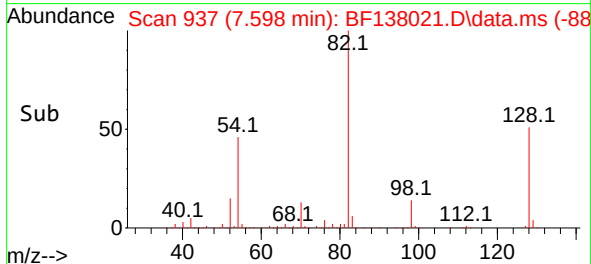
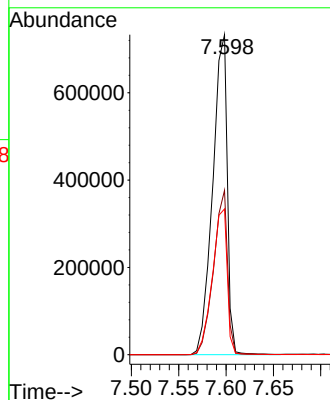
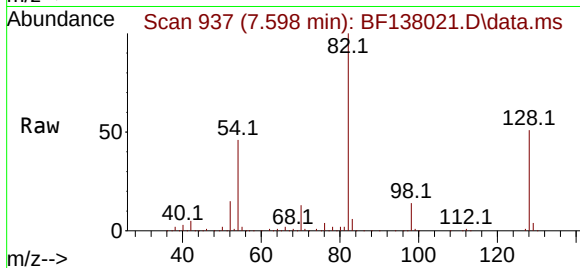
Tgt Ion: 82 Resp: 783088

Ion Ratio Lower Upper

82 100

128 51.4 40.3 60.5

54 45.6 36.8 55.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.081 min Scan# 1359

Delta R.T. -0.005 min

Lab File: BF138021.D

Acq: 23 May 2024 11:51

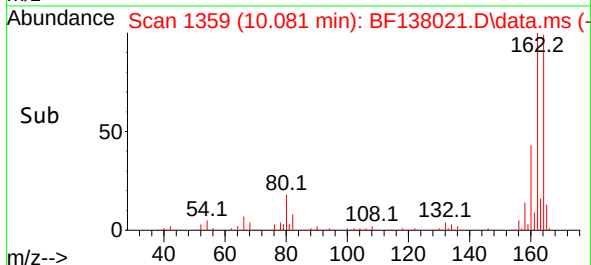
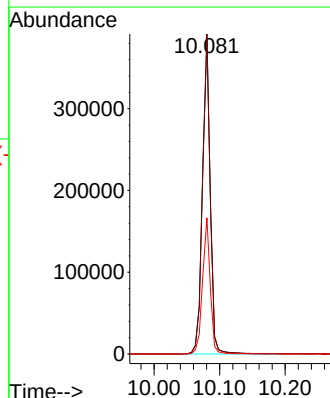
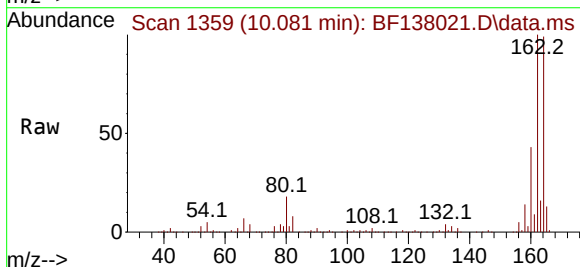
Tgt Ion:164 Resp: 319922

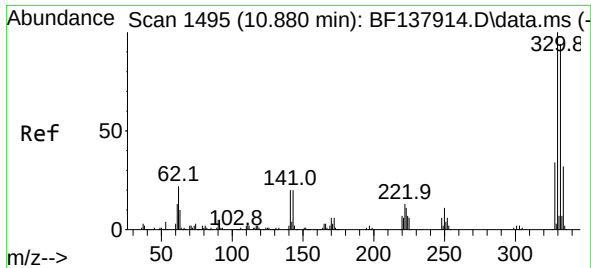
Ion Ratio Lower Upper

164 100

162 101.2 79.4 119.2

160 43.1 33.1 49.7

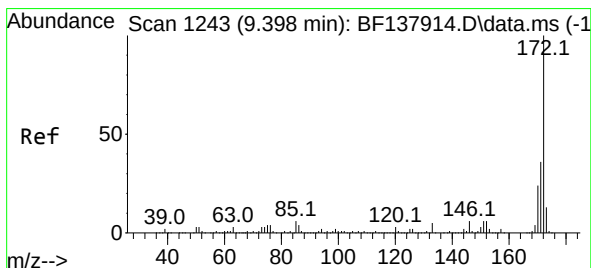
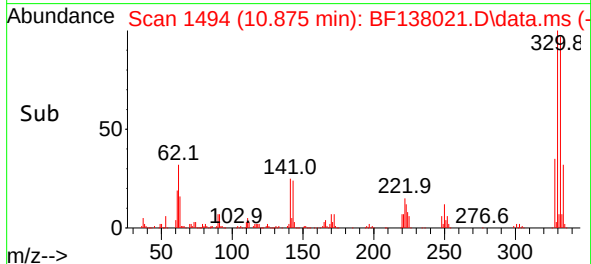
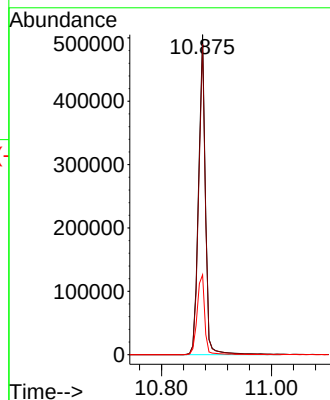
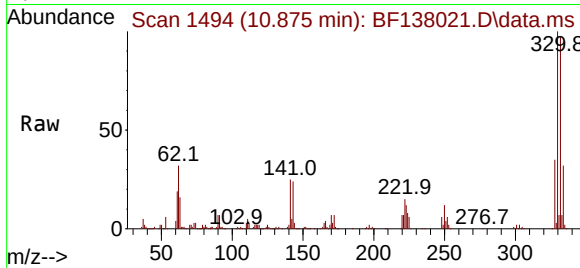




#42
2,4,6-Tribromophenol
Concen: 135.540 ng
RT: 10.875 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF138021.D
Acq: 23 May 2024 11:51

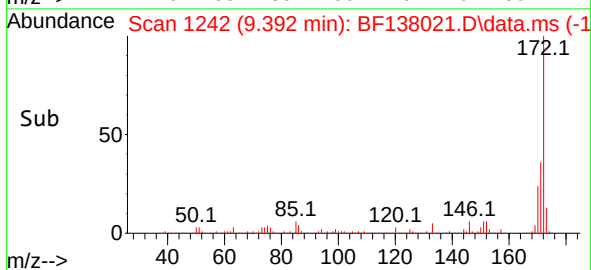
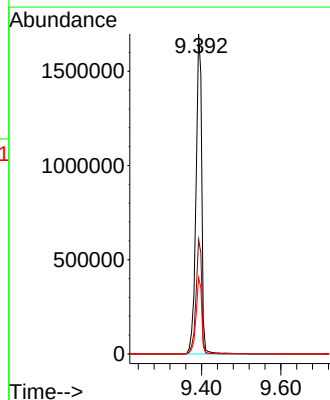
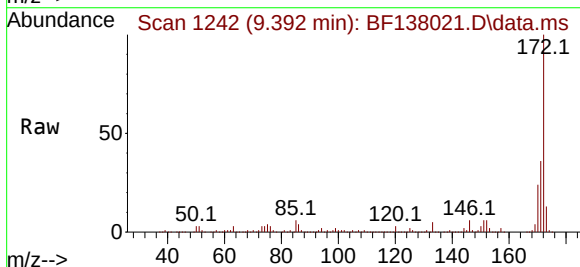
Instrument :
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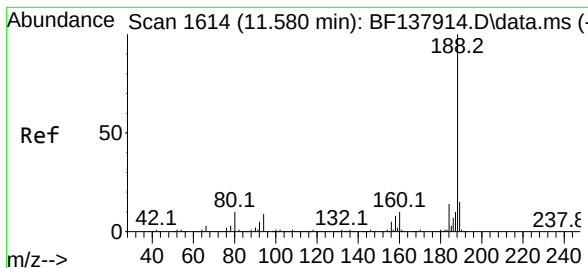
Tgt Ion:330 Resp: 437221
Ion Ratio Lower Upper
330 100
332 96.3 75.8 113.8
141 27.8 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 82.600 ng
RT: 9.392 min Scan# 1242
Delta R.T. -0.006 min
Lab File: BF138021.D
Acq: 23 May 2024 11:51

Tgt Ion:172 Resp: 1715509
Ion Ratio Lower Upper
172 100
171 35.8 28.9 43.3
170 23.9 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138021.D

Acq: 23 May 2024 11:51

Instrument :

BNA_F

ClientSampleId :

PB161005TB

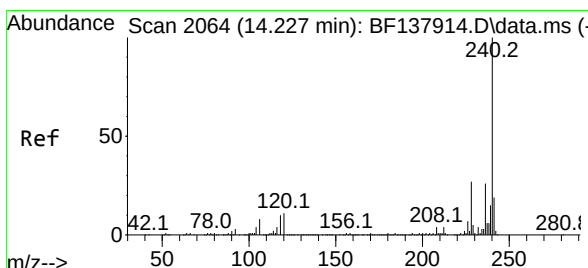
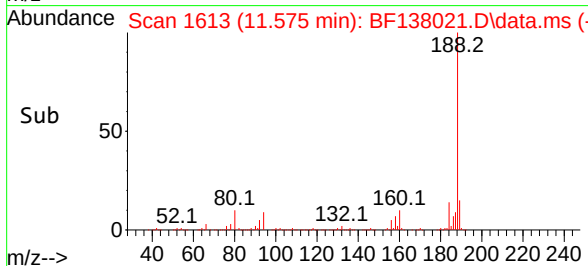
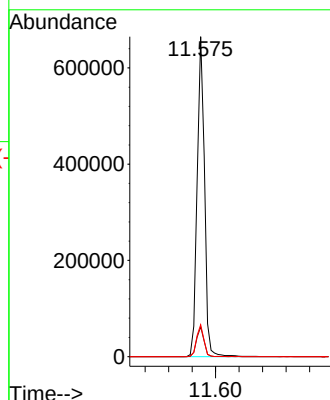
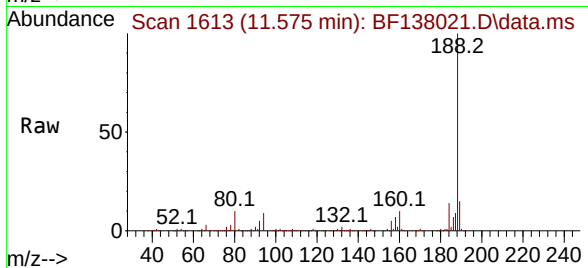
Tgt Ion:188 Resp: 575512

Ion Ratio Lower Upper

188 100

94 9.3 7.0 10.4

80 10.0 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: BF138021.D

Acq: 23 May 2024 11:51

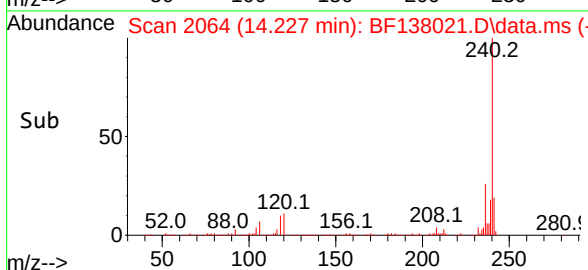
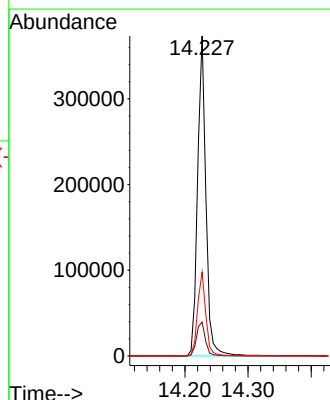
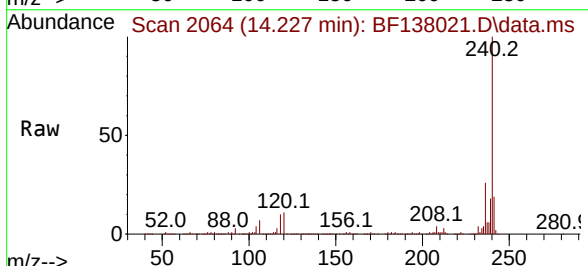
Tgt Ion:240 Resp: 342372

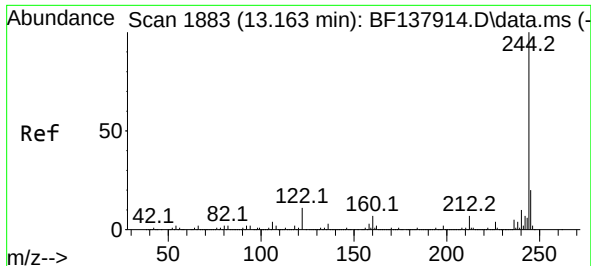
Ion Ratio Lower Upper

240 100

120 10.6 8.9 13.3

236 26.3 21.0 31.4

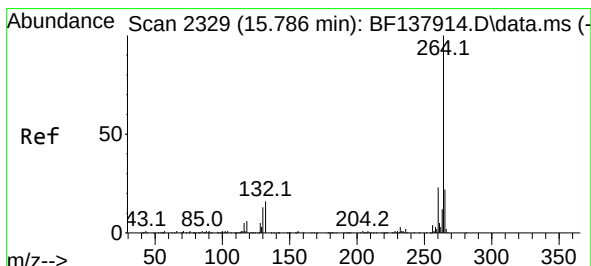
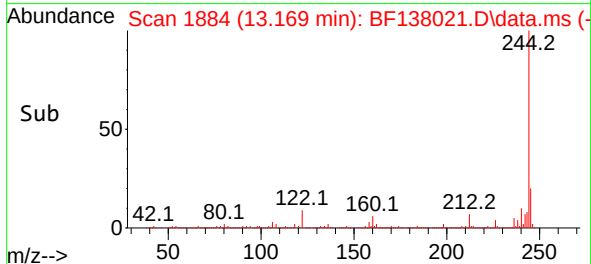
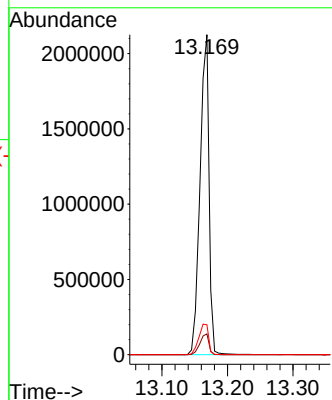
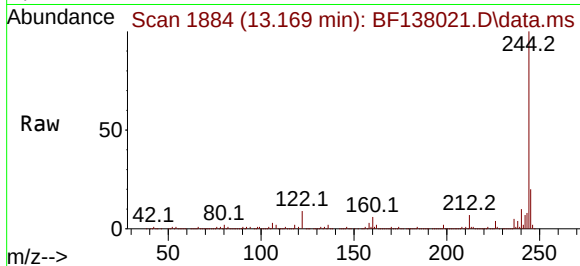




#79
 Terphenyl-d14
 Concen: 87.581 ng
 RT: 13.169 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF138021.D
 Acq: 23 May 2024 11:51

Instrument :
 BNA_F
 ClientSampleId :
 PB161005TB

Tgt Ion:244 Resp: 2034562
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 9.3 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: BF138021.D
 Acq: 23 May 2024 11:51

Tgt Ion:264 Resp: 279723
 Ion Ratio Lower Upper
 264 100
 260 22.1 18.3 27.5
 265 21.2 17.6 26.4

