

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF137998.D
 Acq On : 22 May 2024 11:14
 Operator : CG\JU
 Sample : PB161028BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161028BL

Quant Time: May 22 11:44:44 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	154496	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	597588	20.000	ng	-0.01
39) Acenaphthene-d10	10.081	164	343603	20.000	ng	0.00
64) Phenanthrene-d10	11.575	188	615834	20.000	ng	0.00
76) Chrysene-d12	14.227	240	395714	20.000	ng	0.00
86) Perylene-d12	15.786	264	308093	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1171914	128.849	ng	0.00
7) Phenol-d6	6.651	99	1435446	128.120	ng	0.00
23) Nitrobenzene-d5	7.598	82	876876	86.355	ng	-0.01
42) 2,4,6-Tribromophenol	10.875	330	496339	143.262	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1896443	85.018	ng	0.00
79) Terphenyl-d14	13.169	244	2320287	86.417	ng	0.00

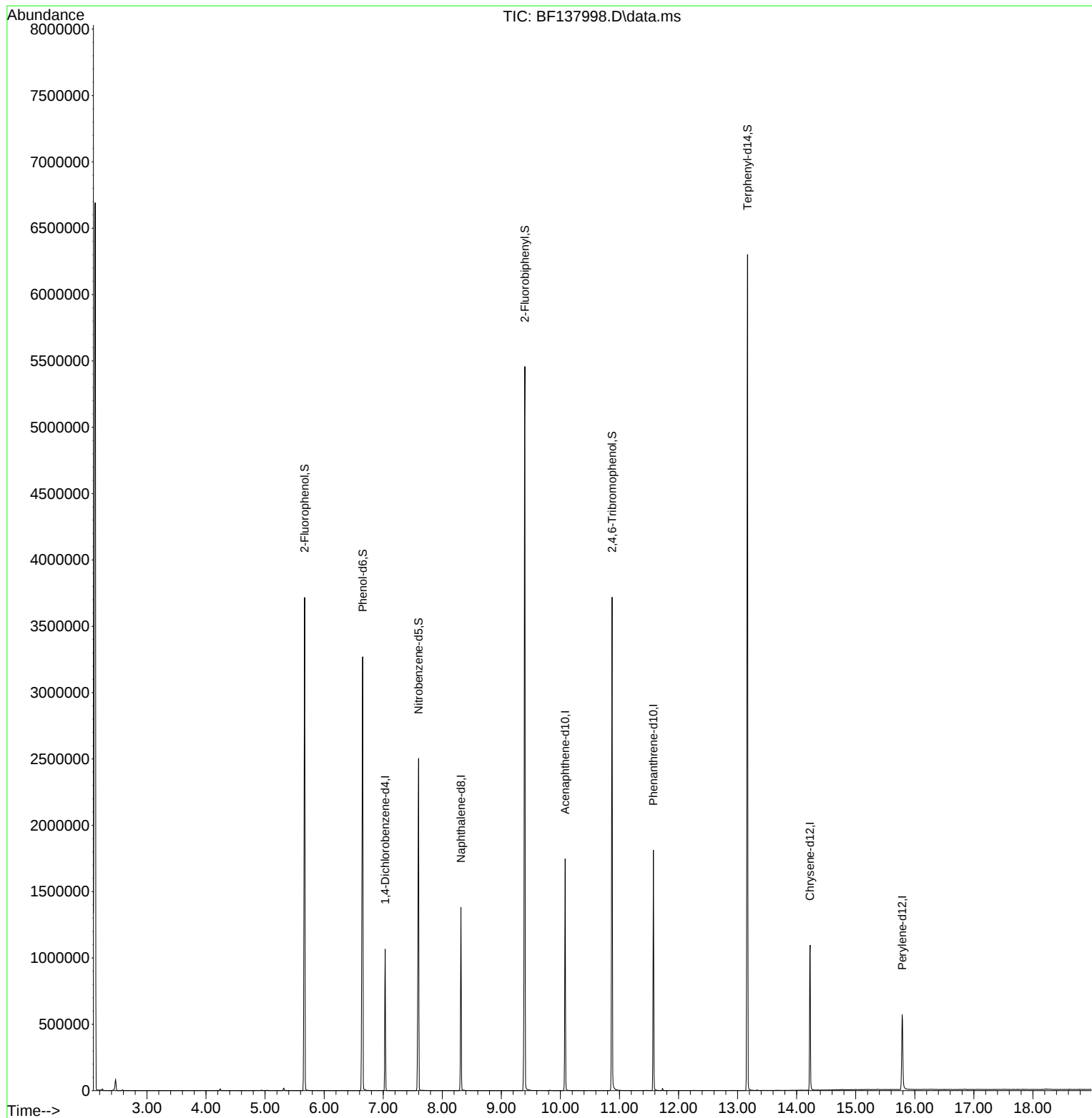
Target Compounds	Qvalue

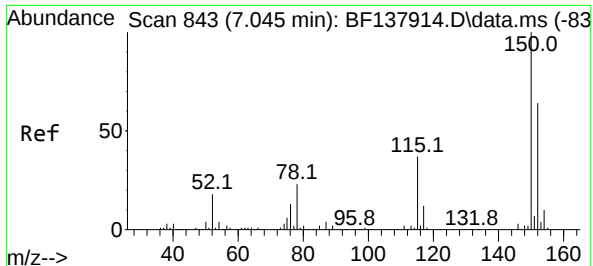
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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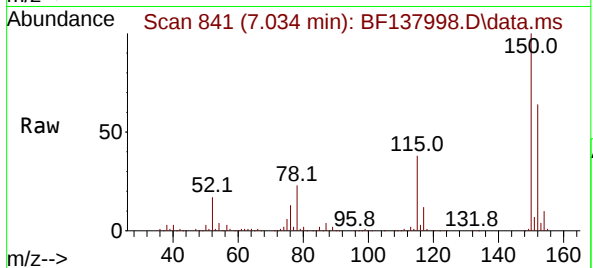
Quant Time: May 22 11:44:44 2024
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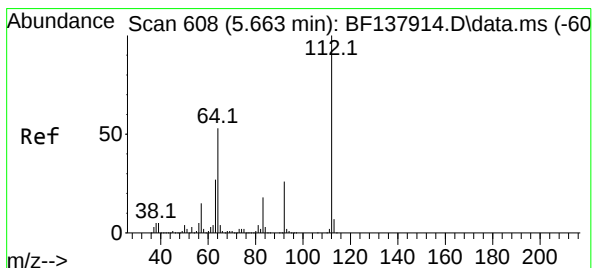
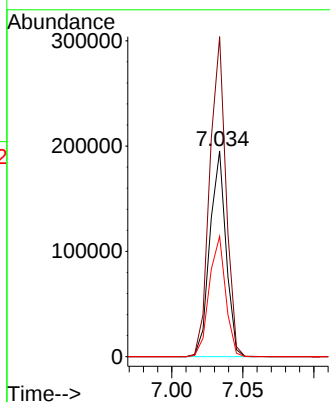
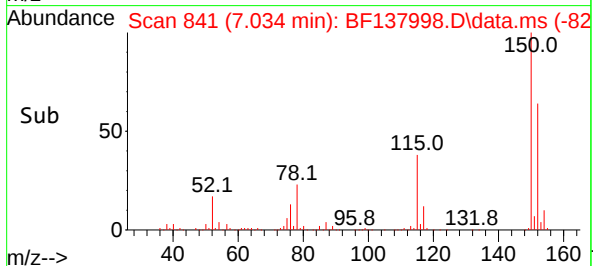


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.011 min
Lab File: BF137998.D
Acq: 22 May 2024 11:14

Instrument :
BNA_F
ClientSampleId :
PB161028BL

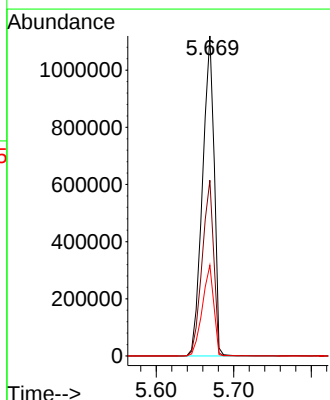
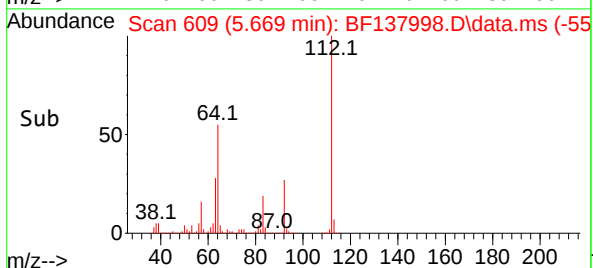
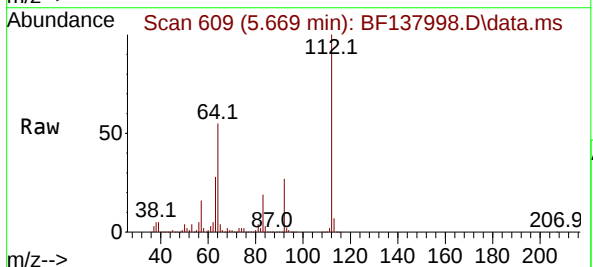


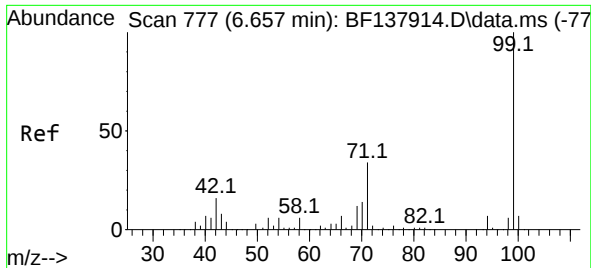
Tgt Ion:152 Resp: 154496
Ion Ratio Lower Upper
152 100
150 155.5 125.7 188.5
115 58.5 47.0 70.6



#5
2-Fluorophenol
Concen: 128.849 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF137998.D
Acq: 22 May 2024 11:14

Tgt Ion:112 Resp: 1171914
Ion Ratio Lower Upper
112 100
64 54.9 42.4 63.6
63 28.3 21.4 32.2



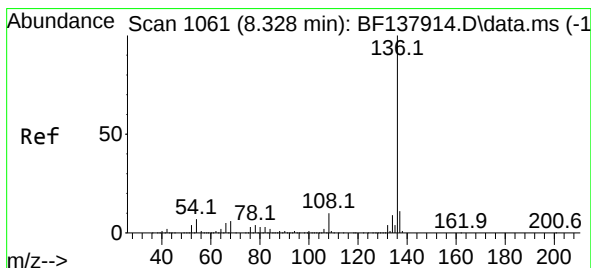
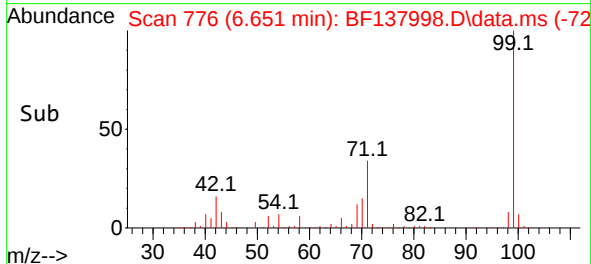
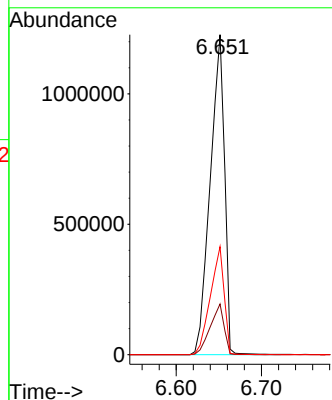
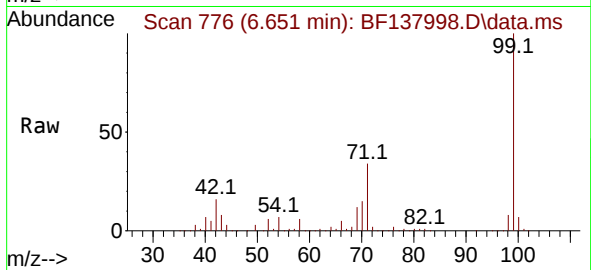


#7
Phenol-d6
Concen: 128.120 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137998.D
Acq: 22 May 2024 11:14

Instrument :
BNA_F
ClientSampleId :
PB161028BL

Tgt Ion: 99 Resp: 1435446

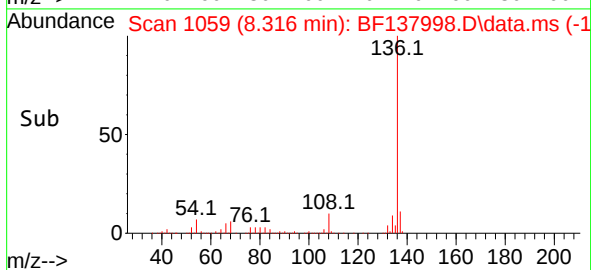
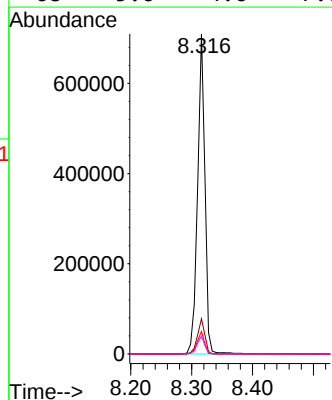
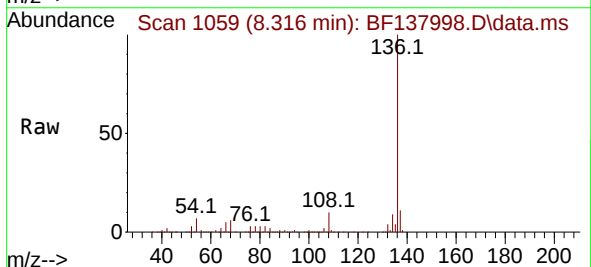
Ion	Ratio	Lower	Upper
99	100		
42	15.8	12.6	18.8
71	33.7	27.1	40.7

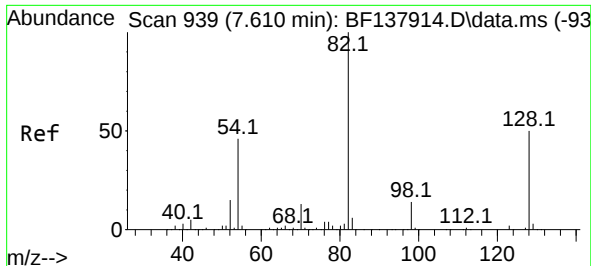


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF137998.D
Acq: 22 May 2024 11:14

Tgt Ion: 136 Resp: 597588

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	7.1	5.4	8.2
68	5.6	4.6	7.0





#23

Nitrobenzene-d5

Concen: 86.355 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137998.D

Acq: 22 May 2024 11:14

Instrument :

BNA_F

ClientSampleId :

PB161028BL

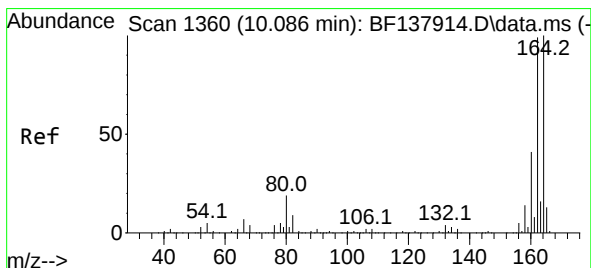
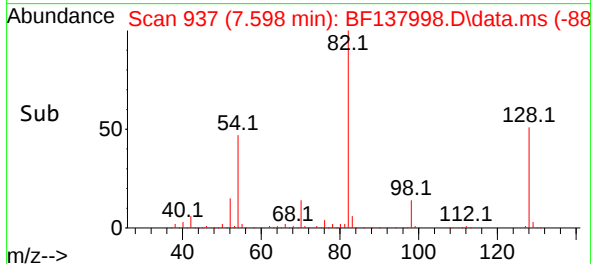
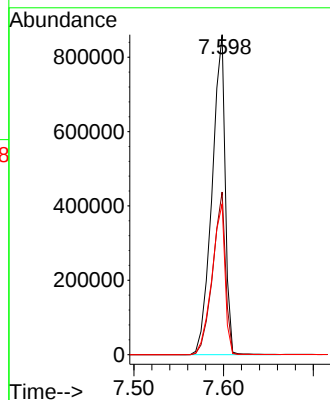
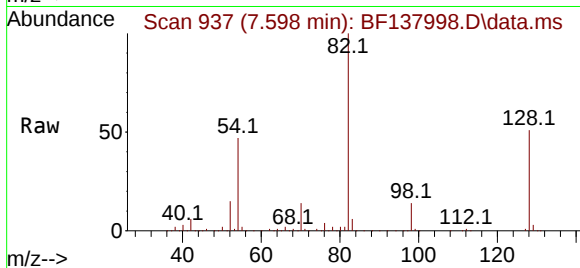
Tgt Ion: 82 Resp: 876876

Ion Ratio Lower Upper

82 100

128 50.9 40.3 60.5

54 47.1 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: BF137998.D

Acq: 22 May 2024 11:14

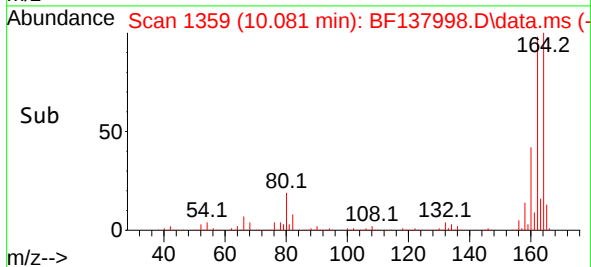
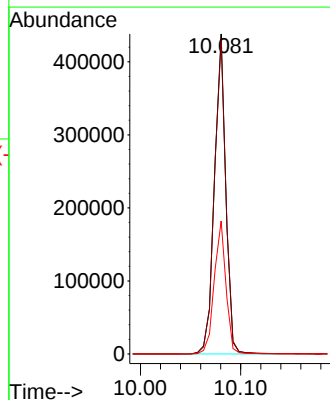
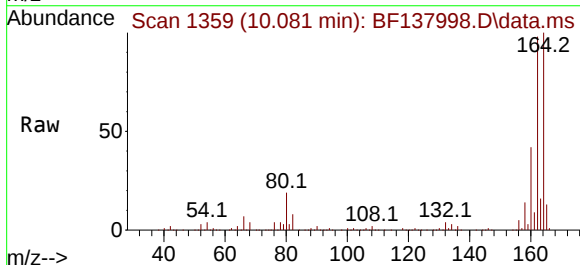
Tgt Ion:164 Resp: 343603

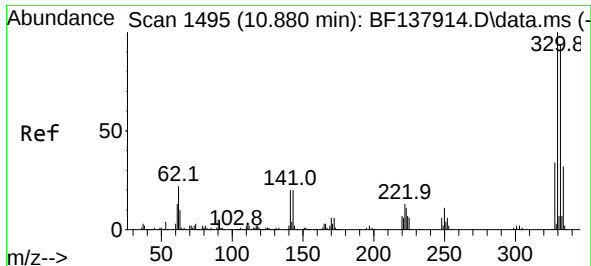
Ion Ratio Lower Upper

164 100

162 98.0 79.4 119.2

160 41.6 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 143.262 ng

RT: 10.875 min Scan# 1495

Delta R.T. -0.006 min

Lab File: BF137998.D

Acq: 22 May 2024 11:14

Instrument :

BNA_F

ClientSampleId :

PB161028BL

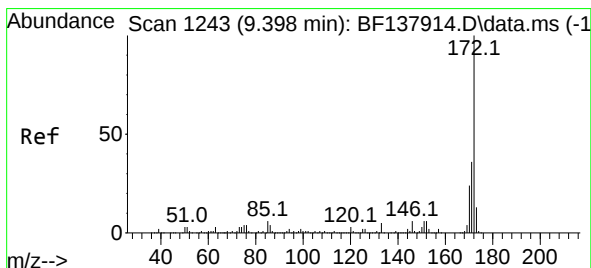
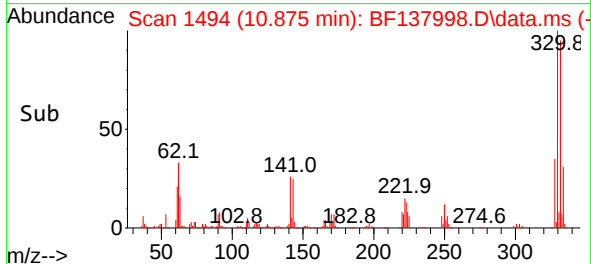
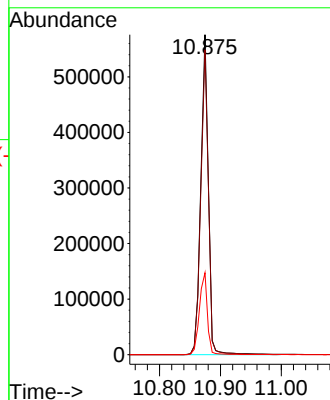
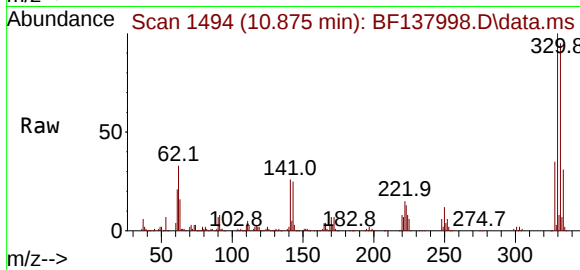
Tgt Ion:330 Resp: 496339

Ion Ratio Lower Upper

330 100

332 96.2 75.8 113.8

141 27.2 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 85.018 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.000 min

Lab File: BF137998.D

Acq: 22 May 2024 11:14

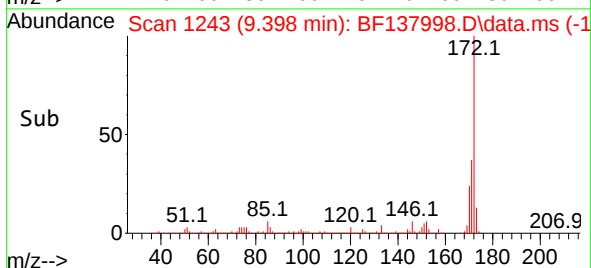
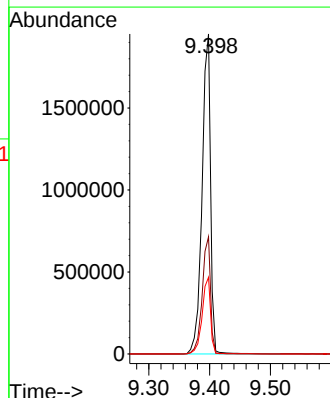
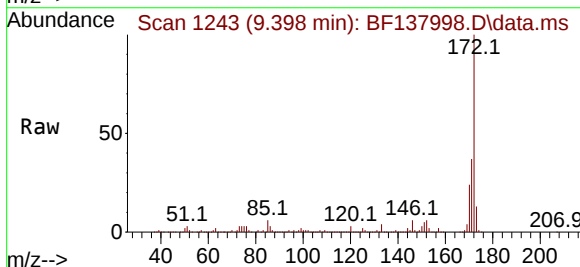
Tgt Ion:172 Resp: 1896443

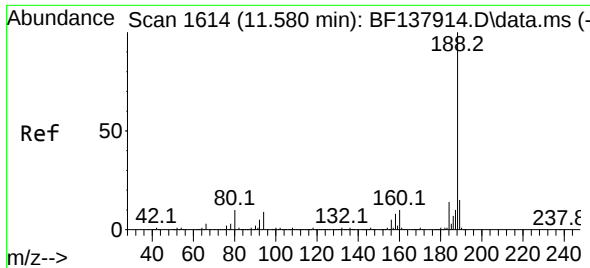
Ion Ratio Lower Upper

172 100

171 36.6 28.9 43.3

170 23.9 18.9 28.3

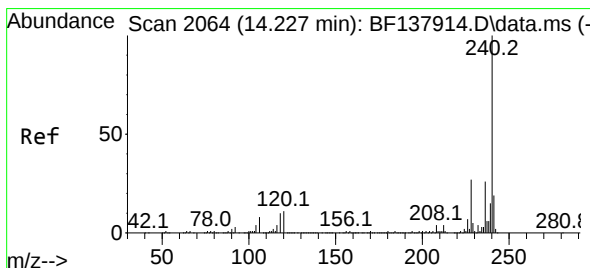
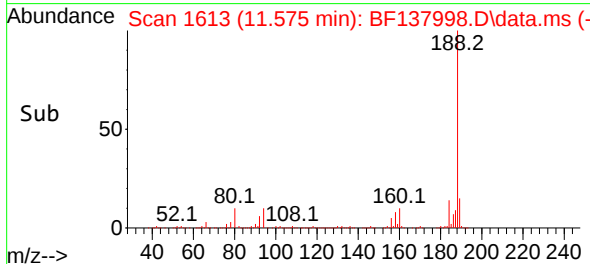
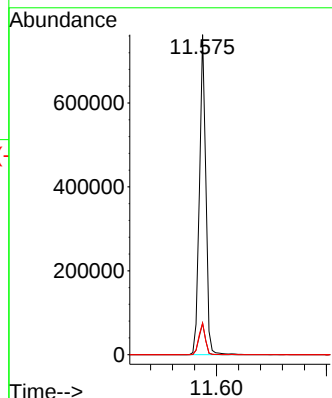
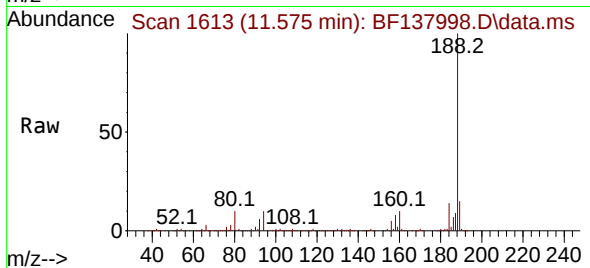




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.575 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137998.D
Acq: 22 May 2024 11:14

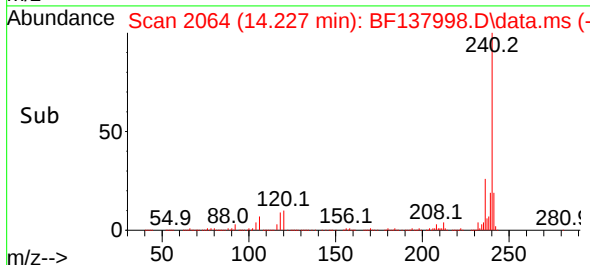
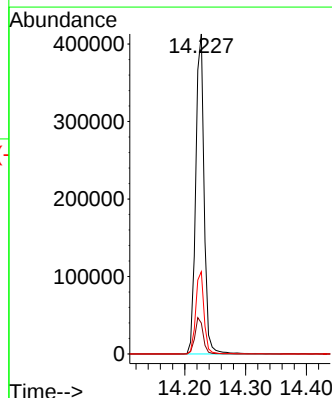
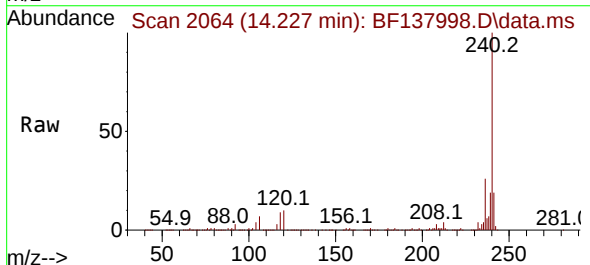
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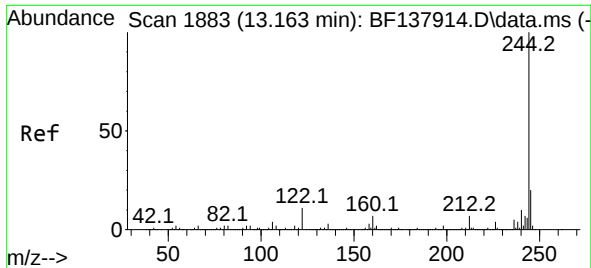
Tgt Ion:188 Resp: 615834
Ion Ratio Lower Upper
188 100
94 9.8 7.0 10.4
80 9.9 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.227 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BF137998.D
Acq: 22 May 2024 11:14

Tgt Ion:240 Resp: 395714
Ion Ratio Lower Upper
240 100
120 9.6 8.9 13.3
236 25.7 21.0 31.4

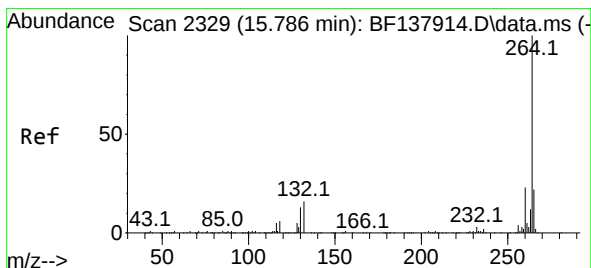
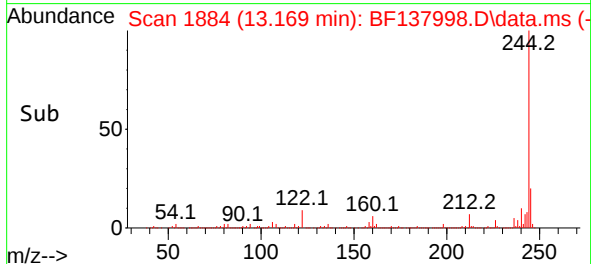
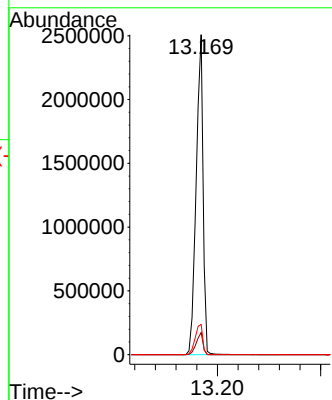
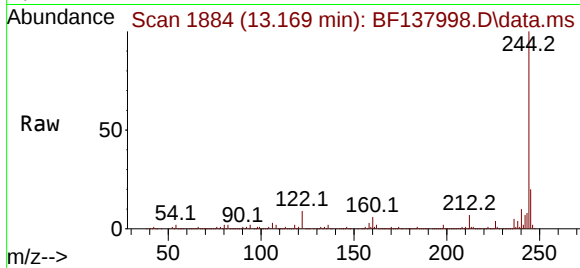




#79
 Terphenyl-d14
 Concen: 86.417 ng
 RT: 13.169 min Scan# 1883
 Delta R.T. 0.006 min
 Lab File: BF137998.D
 Acq: 22 May 2024 11:14

Instrument :
 BNA_F
 ClientSampleId :
 PB161028BL

Tgt Ion:244 Resp: 2320287
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 9.5 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: BF137998.D
 Acq: 22 May 2024 11:14

Tgt Ion:264 Resp: 308093
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.3 27.5
 265 20.9 17.6 26.4

