

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052124\
 Data File : BF137984.D
 Acq On : 21 May 2024 18:12
 Operator : CG\JU
 Sample : P2538-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POLE-SLEEVE-SOIL

Quant Time: May 21 19:20:58 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)

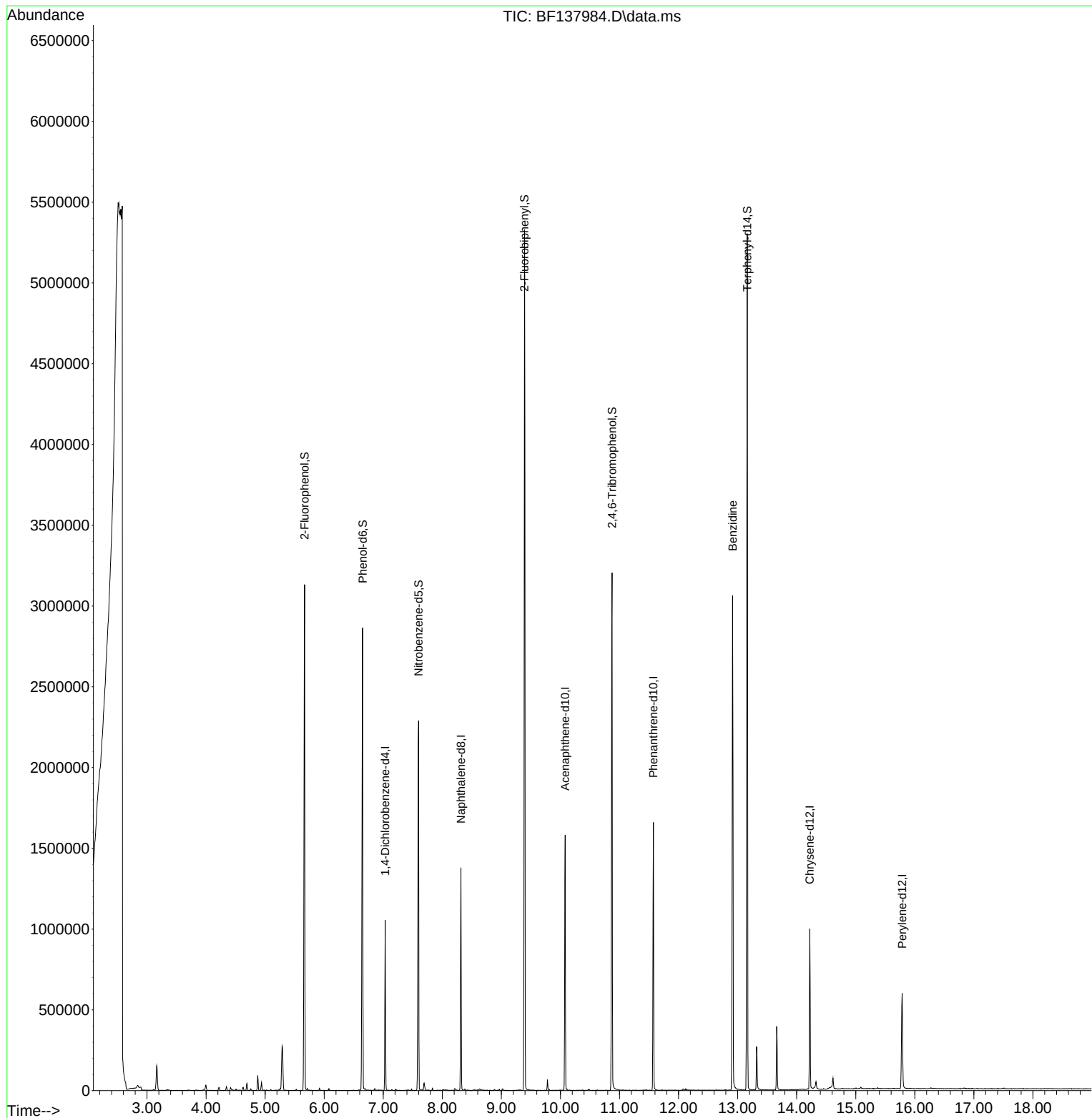
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.033	152	138775	20.000	ng	-0.01
21) Naphthalene-d8	8.316	136	548595	20.000	ng	-0.01
39) Acenaphthene-d10	10.080	164	323216	20.000	ng	0.00
64) Phenanthrene-d10	11.574	188	572391	20.000	ng	0.00
76) Chrysene-d12	14.221	240	324066	20.000	ng	0.00
86) Perylene-d12	15.786	264	298936	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	957667	117.221	ng	0.00
7) Phenol-d6	6.651	99	1096374	108.942	ng	0.00
23) Nitrobenzene-d5	7.598	82	803421	86.187	ng	-0.01
42) 2,4,6-Tribromophenol	10.874	330	451329	138.488	ng	0.00
45) 2-Fluorobiphenyl	9.392	172	1738690	82.863	ng	0.00
79) Terphenyl-d14	13.163	244	1973094	89.733	ng	0.00
Target Compounds						
77) Benzidine	12.915	184	1193712	281.856	ng	Qvalue 99

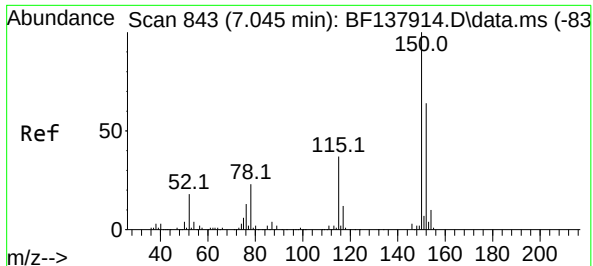
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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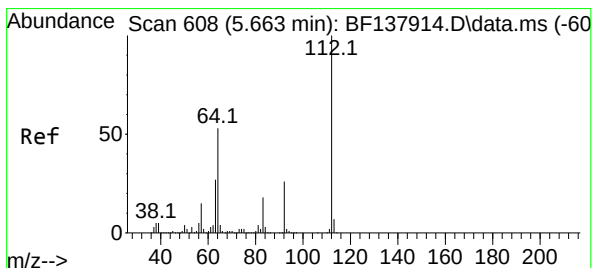
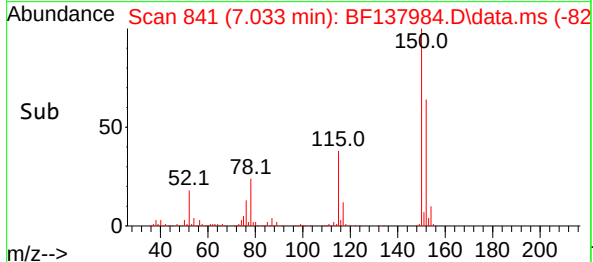
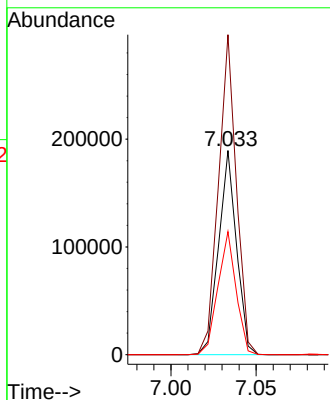
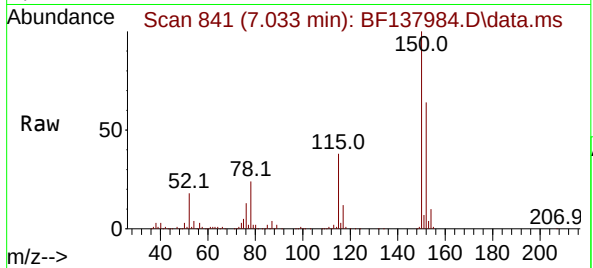




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.033 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF137984.D
Acq: 21 May 2024 18:12

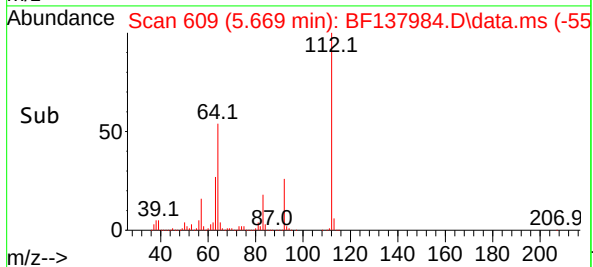
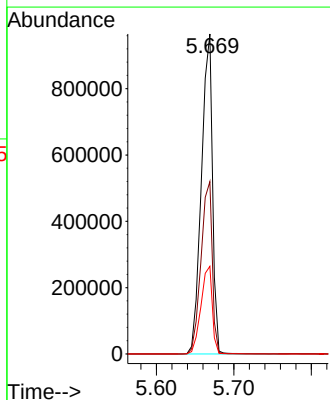
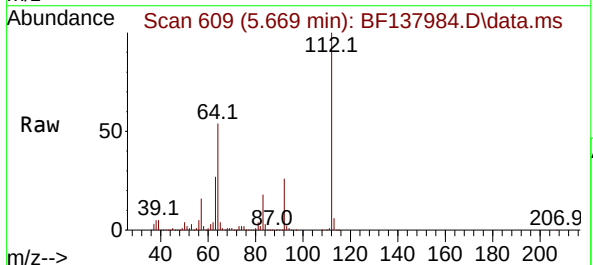
Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOIL

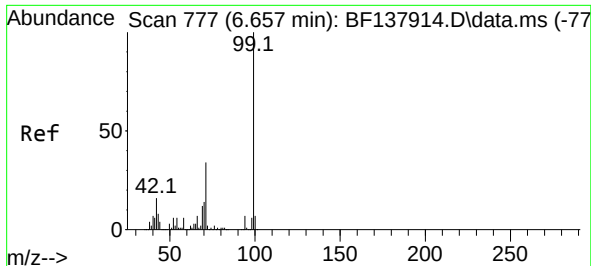
Tgt Ion:152 Resp: 138775
Ion Ratio Lower Upper
152 100
150 156.8 125.7 188.5
115 60.3 47.0 70.6



#5
2-Fluorophenol
Concen: 117.221 ng
RT: 5.669 min Scan# 609
Delta R.T. 0.006 min
Lab File: BF137984.D
Acq: 21 May 2024 18:12

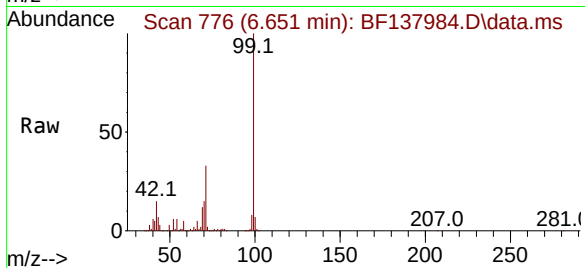
Tgt Ion:112 Resp: 957667
Ion Ratio Lower Upper
112 100
64 53.8 42.4 63.6
63 27.4 21.4 32.2





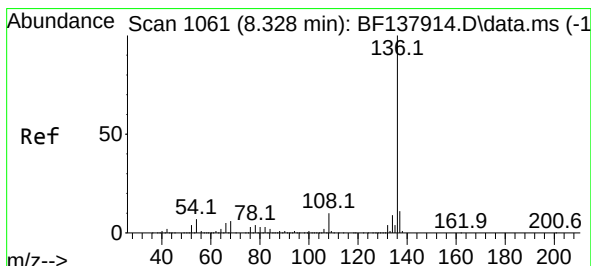
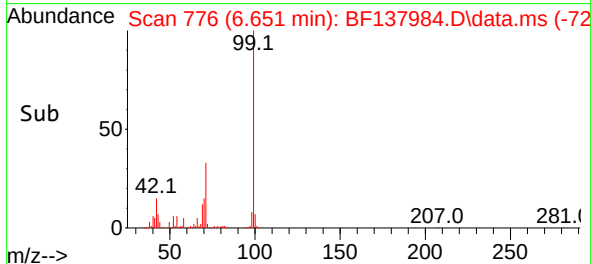
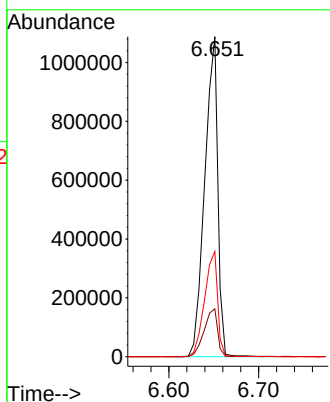
#7
Phenol-d6
Concen: 108.942 ng
RT: 6.651 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137984.D
Acq: 21 May 2024 18:12

Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOIL



Tgt Ion: 99 Resp: 1096374

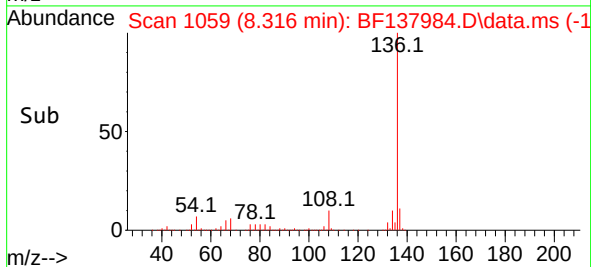
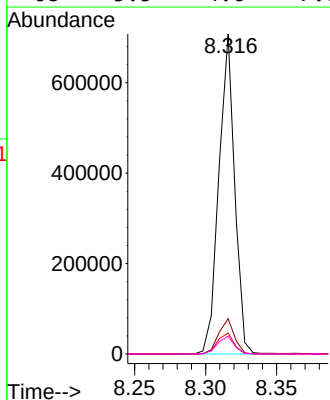
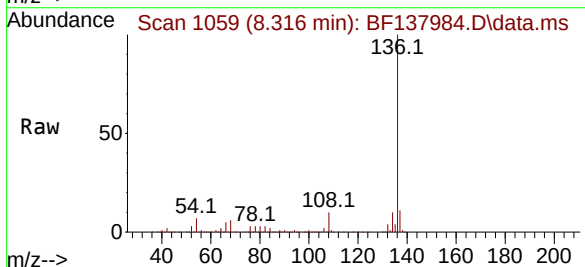
Ion	Ratio	Lower	Upper
99	100		
42	15.0	12.6	18.8
71	32.9	27.1	40.7

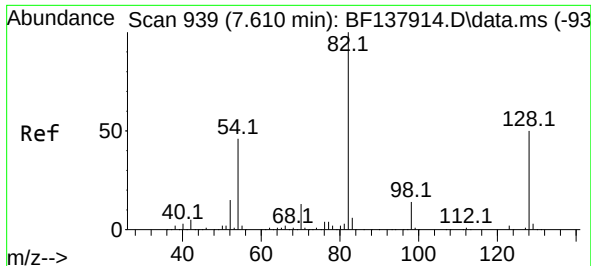


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.316 min Scan# 1059
Delta R.T. -0.012 min
Lab File: BF137984.D
Acq: 21 May 2024 18:12

Tgt Ion: 136 Resp: 548595

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	6.6	5.4	8.2
68	5.5	4.6	7.0





#23

Nitrobenzene-d5

Concen: 86.187 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF137984.D

Acq: 21 May 2024 18:12

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOIL

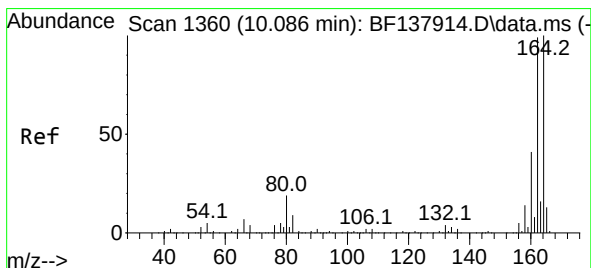
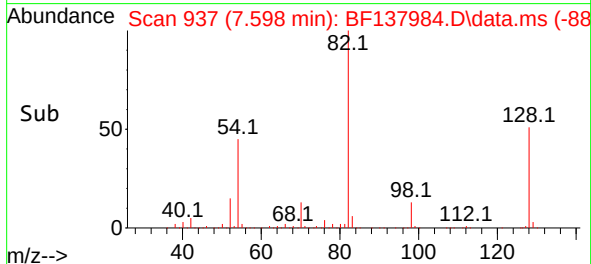
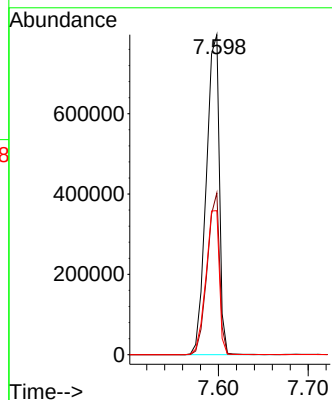
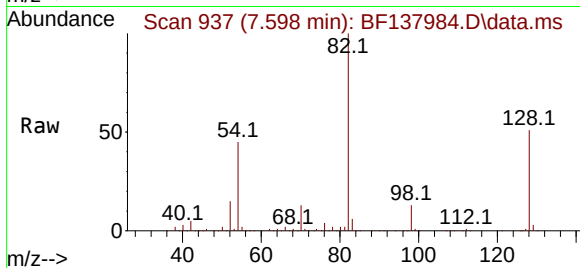
Tgt Ion: 82 Resp: 803421

Ion Ratio Lower Upper

82 100

128 50.5 40.3 60.5

54 45.0 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: BF137984.D

Acq: 21 May 2024 18:12

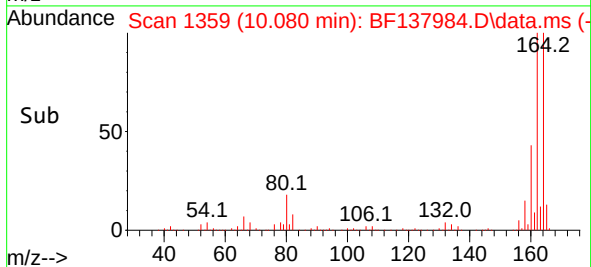
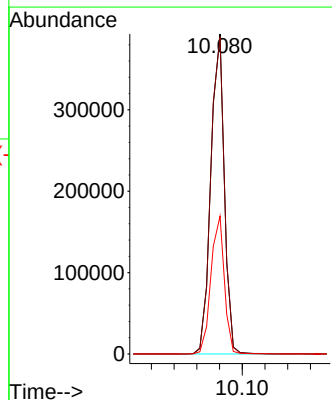
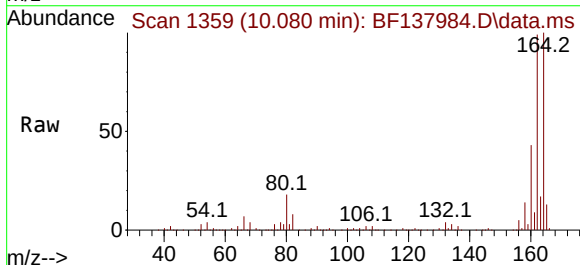
Tgt Ion:164 Resp: 323216

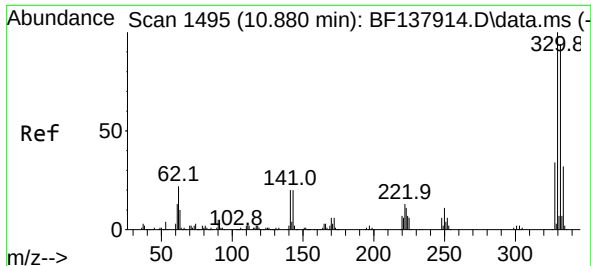
Ion Ratio Lower Upper

164 100

162 99.1 79.4 119.2

160 43.0 33.1 49.7





#42

2,4,6-Tribromophenol

Concen: 138.488 ng

RT: 10.874 min Scan# 1494

Delta R.T. -0.006 min

Lab File: BF137984.D

Acq: 21 May 2024 18:12

Instrument :

BNA_F

ClientSampleId :

POLE-SLEEVE-SOIL

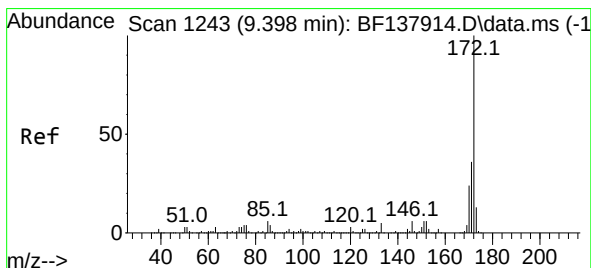
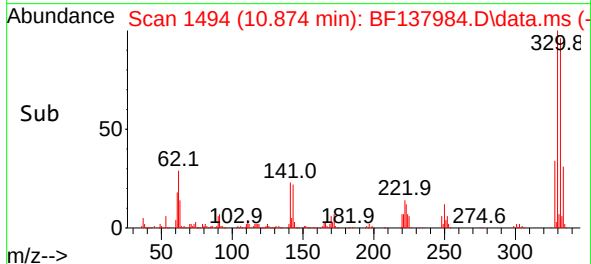
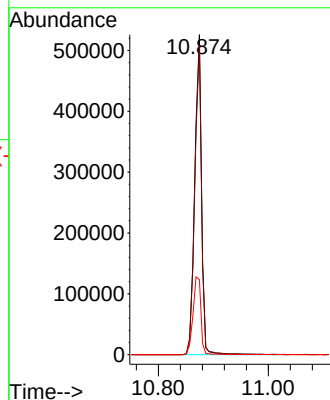
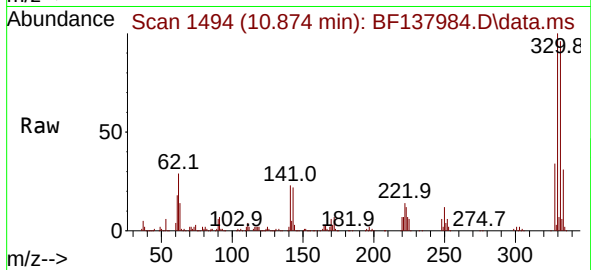
Tgt Ion:330 Resp: 451329

Ion Ratio Lower Upper

330 100

332 96.3 75.8 113.8

141 28.2 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 82.863 ng

RT: 9.392 min Scan# 1242

Delta R.T. -0.006 min

Lab File: BF137984.D

Acq: 21 May 2024 18:12

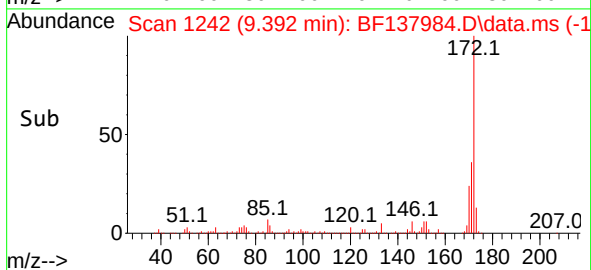
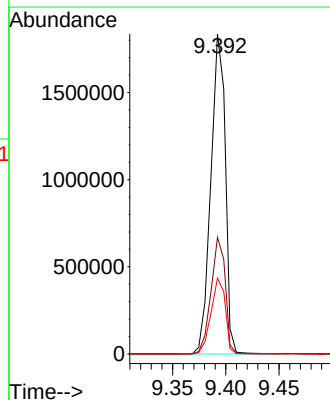
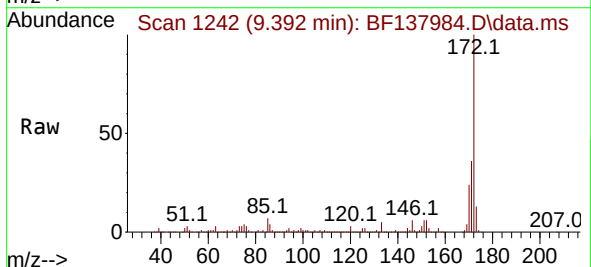
Tgt Ion:172 Resp: 1738690

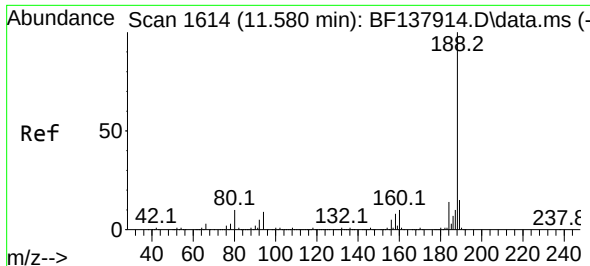
Ion Ratio Lower Upper

172 100

171 36.5 28.9 43.3

170 23.7 18.9 28.3

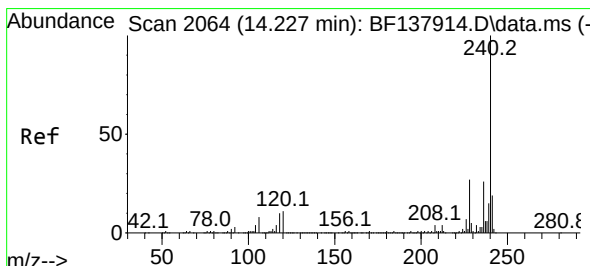
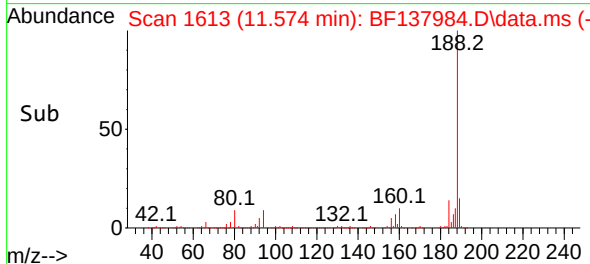
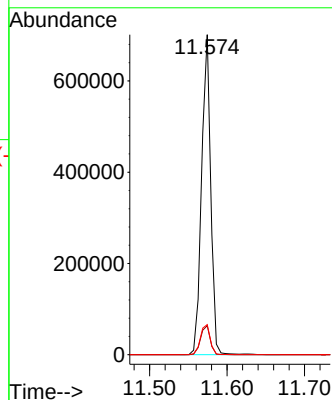
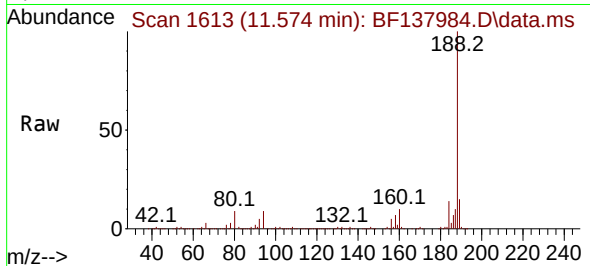




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.574 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137984.D
Acq: 21 May 2024 18:12

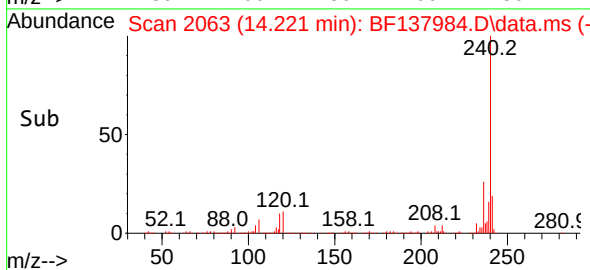
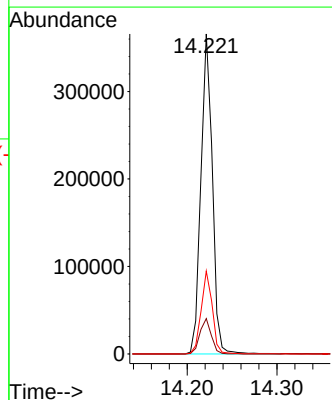
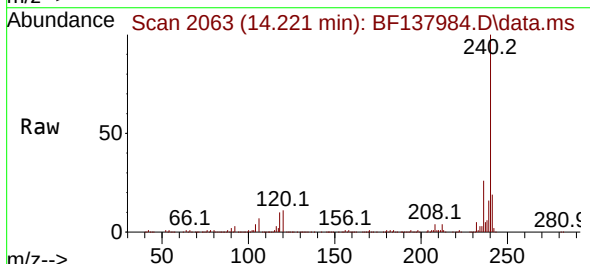
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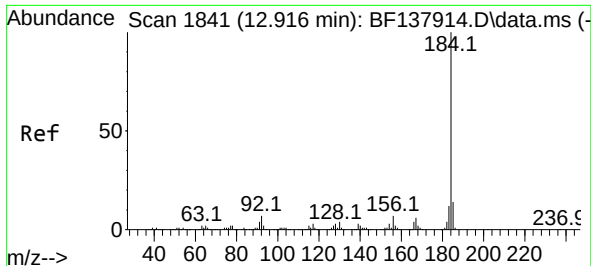
Tgt Ion:188 Resp: 572391
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 9.4 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.221 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BF137984.D
Acq: 21 May 2024 18:12

Tgt Ion:240 Resp: 324066
Ion Ratio Lower Upper
240 100
120 11.0 8.9 13.3
236 25.9 21.0 31.4

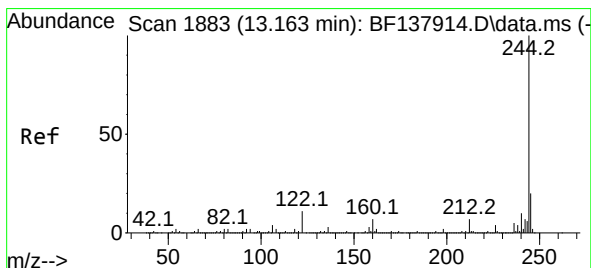
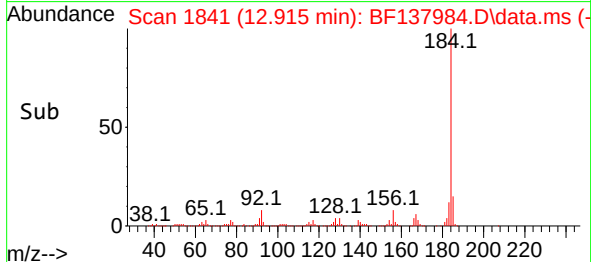
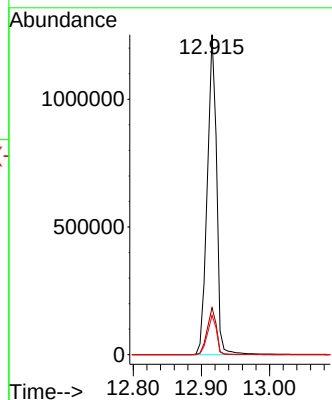
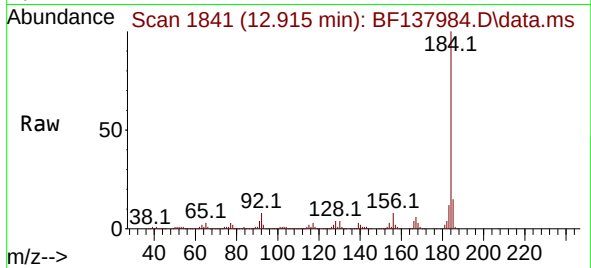




#77
Benzidine
Concen: 281.856 ng
RT: 12.915 min Scan# 1841
Delta R.T. -0.001 min
Lab File: BF137984.D
Acq: 21 May 2024 18:12

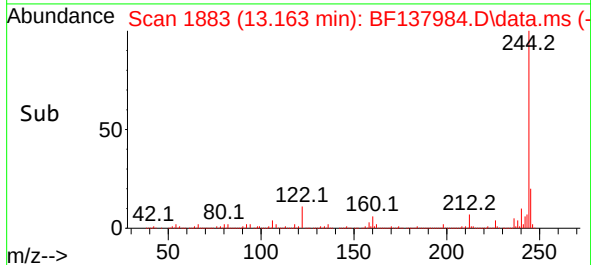
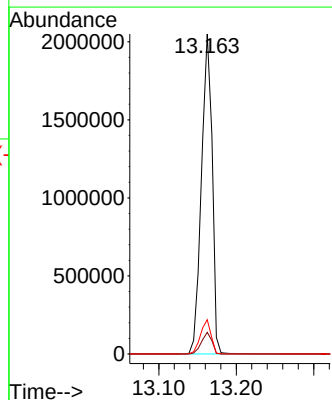
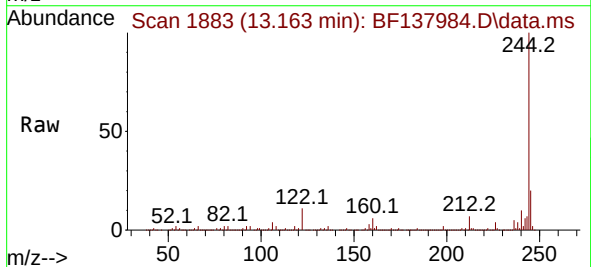
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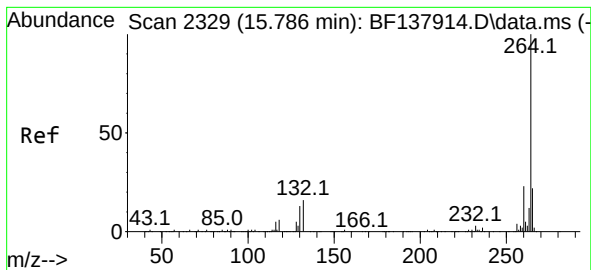
Tgt Ion:184 Resp: 1193712
Ion Ratio Lower Upper
184 100
185 14.7 11.4 17.2
183 12.3 9.5 14.3



#79
Terphenyl-d14
Concen: 89.733 ng
RT: 13.163 min Scan# 1883
Delta R.T. -0.000 min
Lab File: BF137984.D
Acq: 21 May 2024 18:12

Tgt Ion:244 Resp: 1973094
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 10.7 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.786 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF137984.D
Acq: 21 May 2024 18:12

Instrument :
BNA_F
ClientSampleId :
POLE-SLEEVE-SOIL

Tgt Ion:264 Resp: 298936

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	22.1	17.6	26.4

