

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050924\
Data File : BF137861.D
Acq On : 09 May 2024 13:39
Operator : CG\JU
Sample : PB160807BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB160807BL

Quant Time: May 09 15:12:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:25:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.051	152	188303	20.000	ng	0.00
21) Naphthalene-d8	8.333	136	771724	20.000	ng	-0.01
39) Acenaphthene-d10	10.098	164	460571	20.000	ng	-0.01
64) Phenanthrene-d10	11.592	188	828536	20.000	ng	0.00
76) Chrysene-d12	14.245	240	554081	20.000	ng	# 0.00
86) Perylene-d12	15.815	264	429657	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.686	112	1474009	131.061	ng	0.01
7) Phenol-d6	6.669	99	1804271	126.479	ng	0.00
23) Nitrobenzene-d5	7.616	82	1147063	86.355	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	643808	136.906	ng	0.00
45) 2-Fluorobiphenyl	9.410	172	2484381	87.512	ng	-0.01
79) Terphenyl-d14	13.186	244	3008220	90.986	ng	0.00

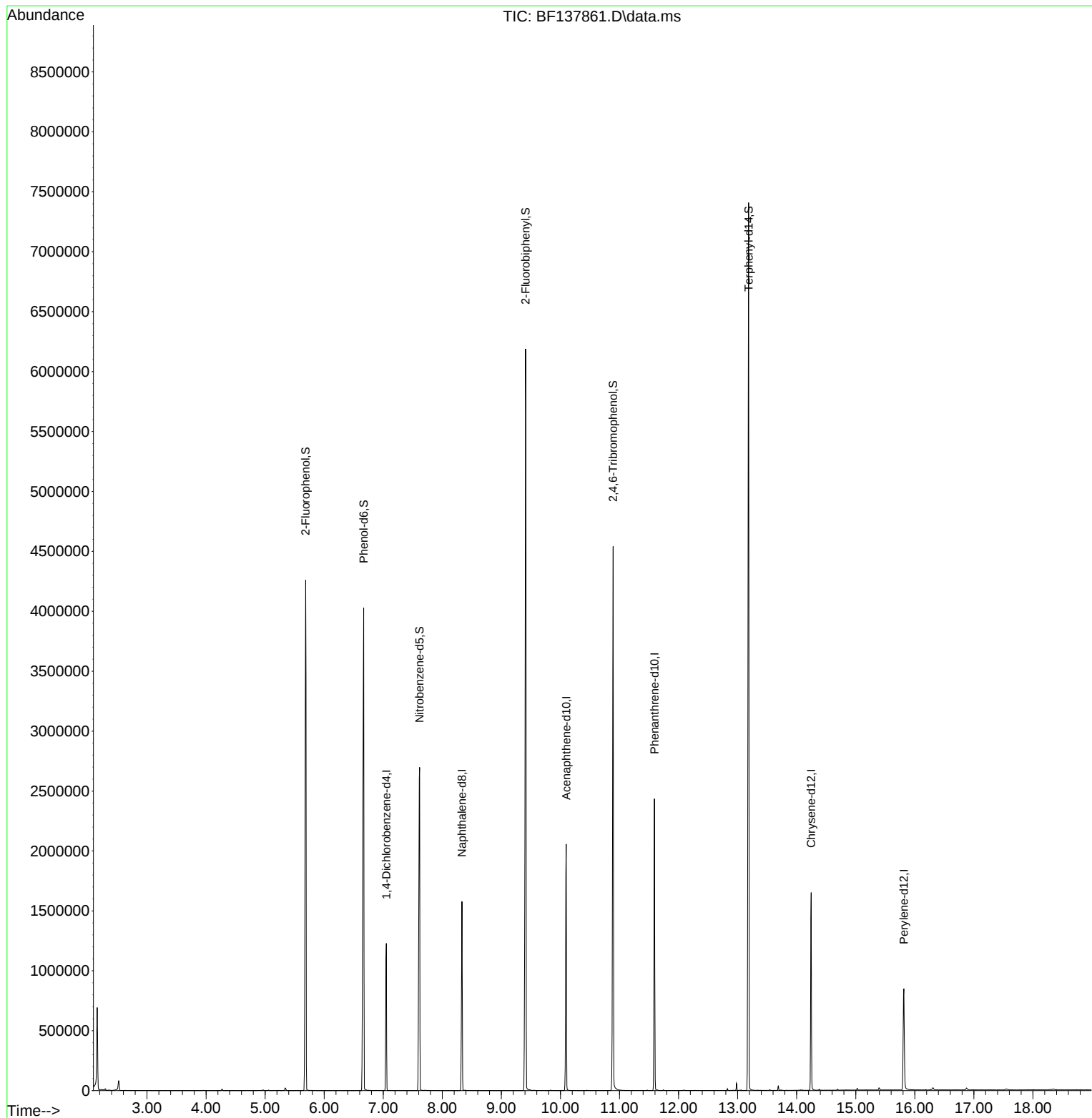
Target Compounds	Qvalue

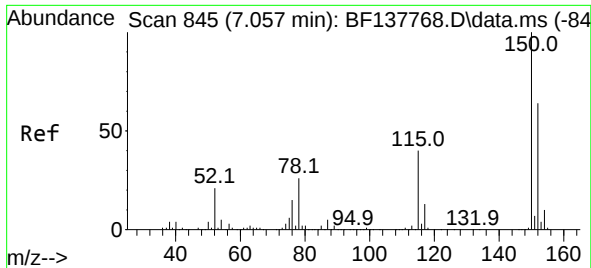
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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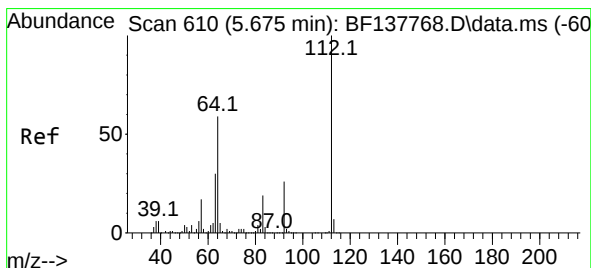
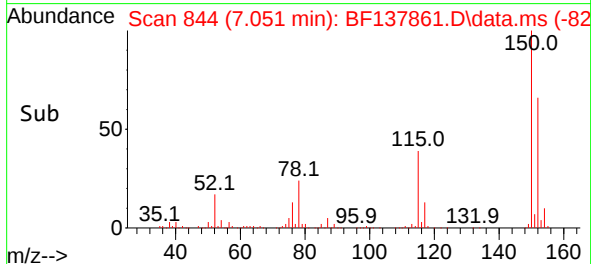
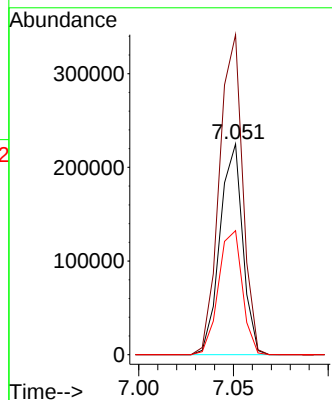
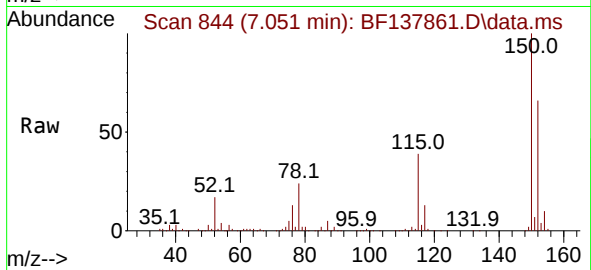




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF137861.D
Acq: 09 May 2024 13:39

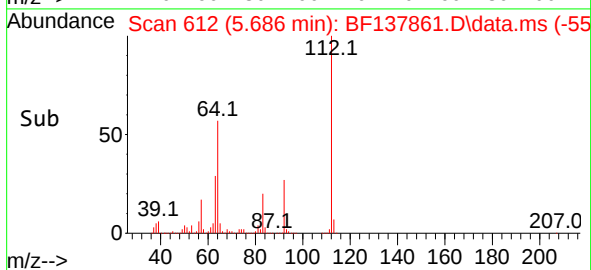
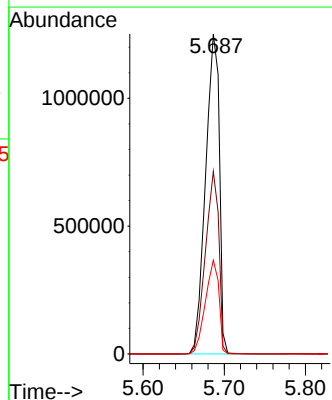
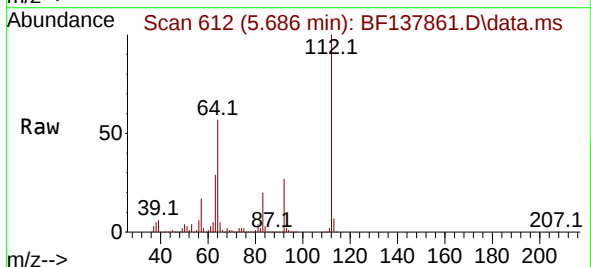
Instrument :
BNA_F
ClientSampleId :
PB160807BL

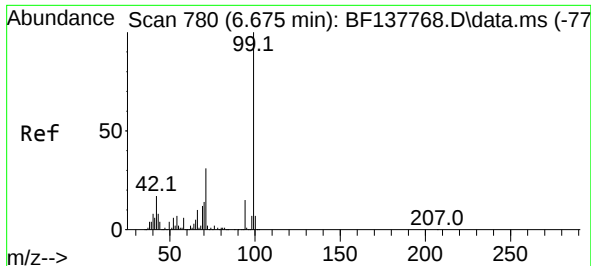
Tgt Ion:152 Resp: 188303
Ion Ratio Lower Upper
152 100
150 151.8 124.1 186.1
115 58.8 49.1 73.7



#5
2-Fluorophenol
Concen: 131.061 ng
RT: 5.686 min Scan# 612
Delta R.T. 0.012 min
Lab File: BF137861.D
Acq: 09 May 2024 13:39

Tgt Ion:112 Resp: 1474009
Ion Ratio Lower Upper
112 100
64 57.1 47.3 70.9
63 29.3 23.7 35.5

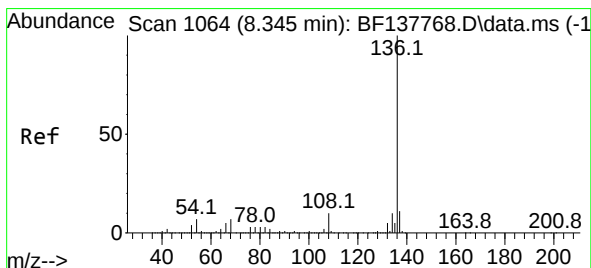
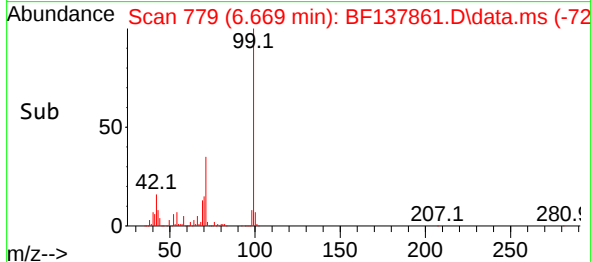
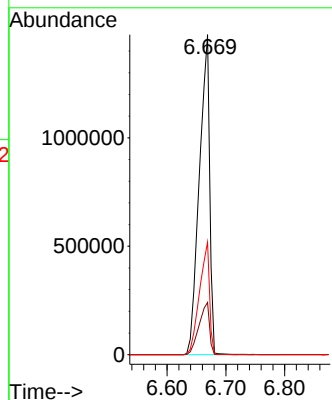
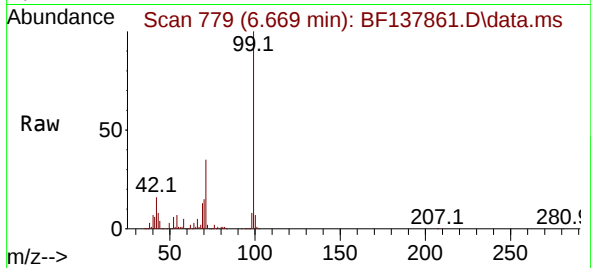




#7
Phenol-d6
Concen: 126.479 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137861.D
Acq: 09 May 2024 13:39

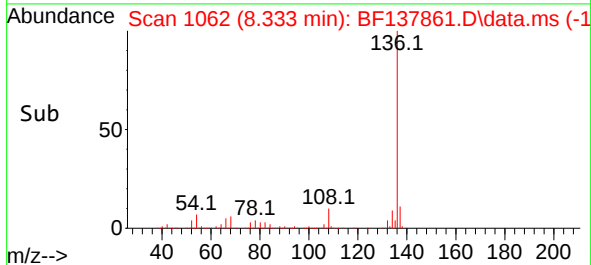
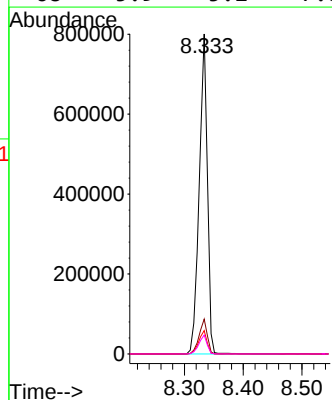
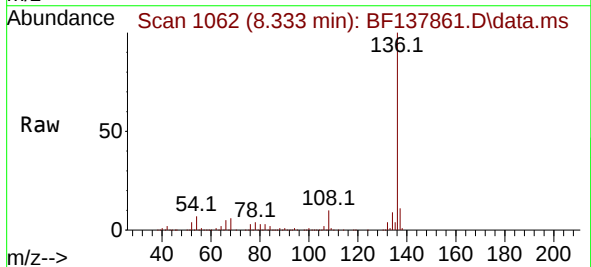
Instrument :
BNA_F
ClientSampleId :
PB160807BL

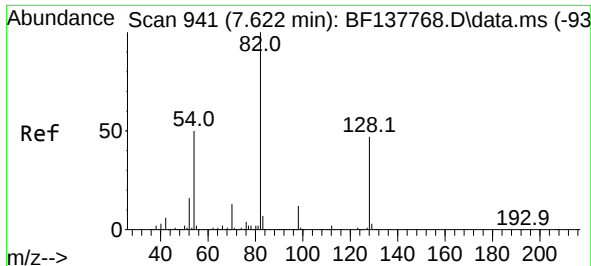
Tgt Ion: 99 Resp: 1804271
Ion Ratio Lower Upper
99 100
42 16.3 13.2 19.8
71 35.2 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.333 min Scan# 1062
Delta R.T. -0.012 min
Lab File: BF137861.D
Acq: 09 May 2024 13:39

Tgt Ion: 136 Resp: 771724
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.3 5.8 8.8
68 5.9 5.2 7.8





#23

Nitrobenzene-d5

Concen: 86.355 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137861.D

Acq: 09 May 2024 13:39

Instrument :

BNA_F

ClientSampleId :

PB160807BL

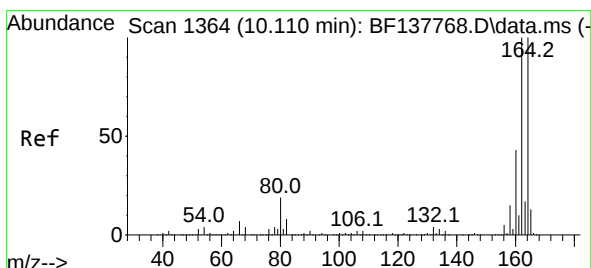
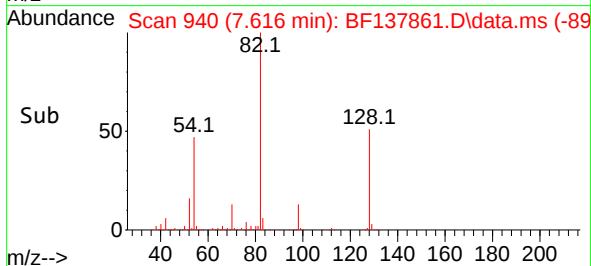
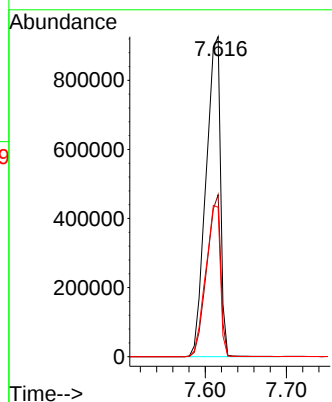
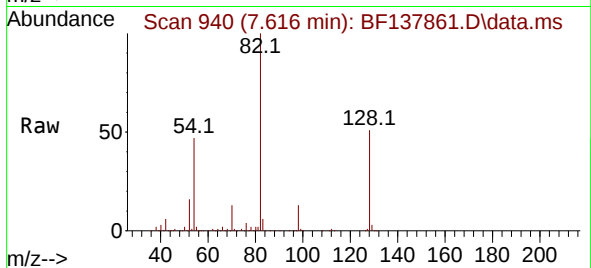
Tgt Ion: 82 Resp: 1147063

Ion Ratio Lower Upper

82 100

128 50.6 37.5 56.3

54 46.7 39.8 59.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.098 min Scan# 1362

Delta R.T. -0.012 min

Lab File: BF137861.D

Acq: 09 May 2024 13:39

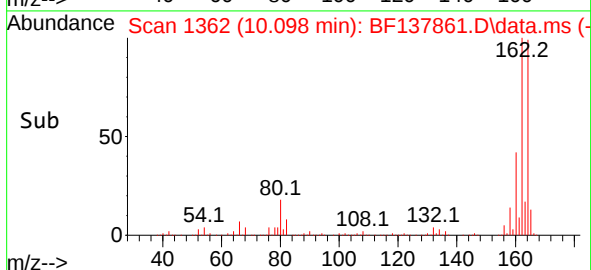
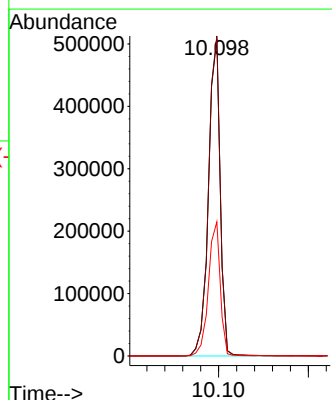
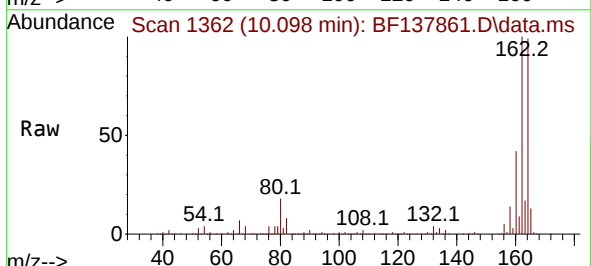
Tgt Ion:164 Resp: 460571

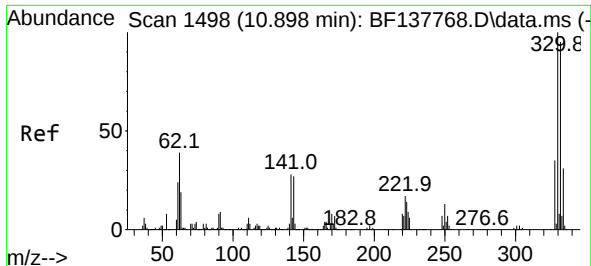
Ion Ratio Lower Upper

164 100

162 100.9 79.8 119.6

160 42.2 34.4 51.6

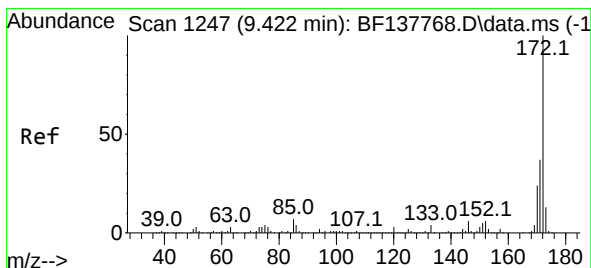
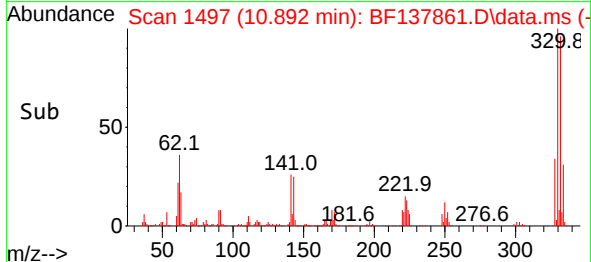
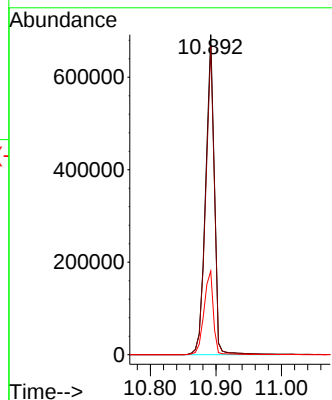
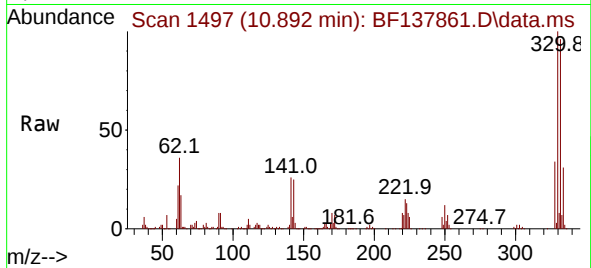




#42
2,4,6-Tribromophenol
Concen: 136.906 ng
RT: 10.892 min Scan# 1498
Delta R.T. -0.006 min
Lab File: BF137861.D
Acq: 09 May 2024 13:39

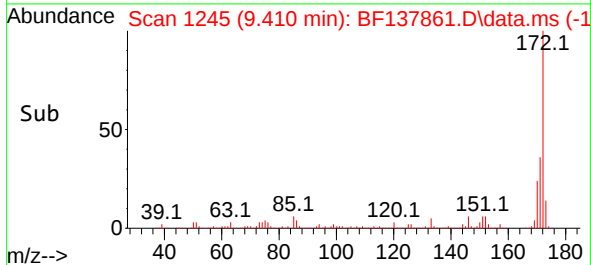
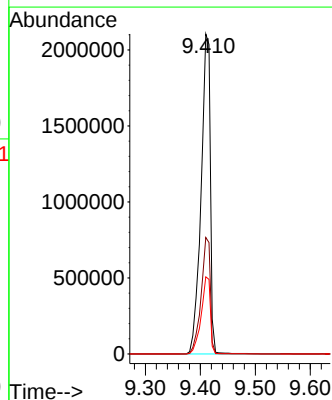
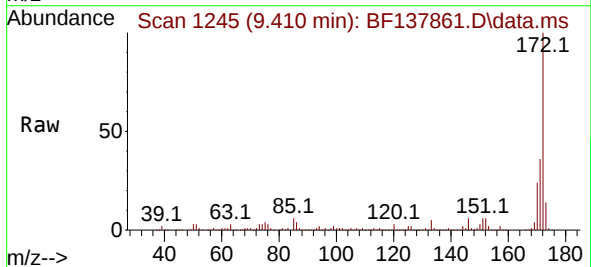
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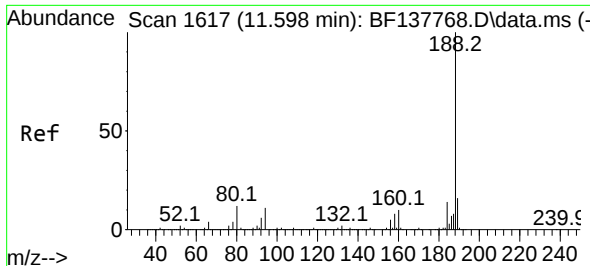
Tgt Ion:330 Resp: 643808
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 28.0 23.8 35.6



#45
2-Fluorobiphenyl
Concen: 87.512 ng
RT: 9.410 min Scan# 1245
Delta R.T. -0.012 min
Lab File: BF137861.D
Acq: 09 May 2024 13:39

Tgt Ion:172 Resp: 2484381
Ion Ratio Lower Upper
172 100
171 36.4 29.6 44.4
170 24.1 19.4 29.2

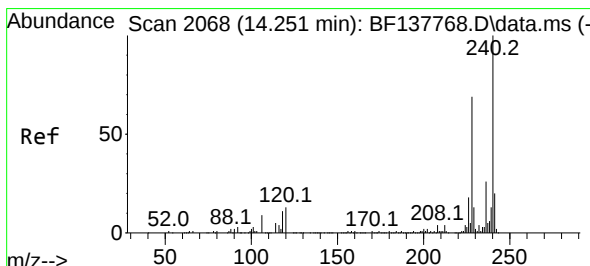
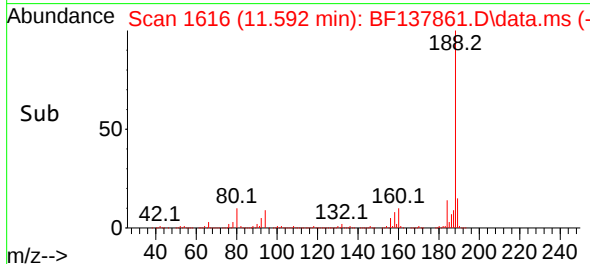
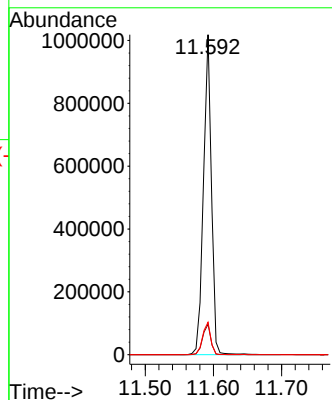
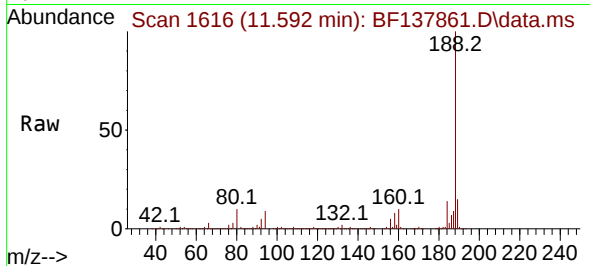




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.592 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF137861.D
Acq: 09 May 2024 13:39

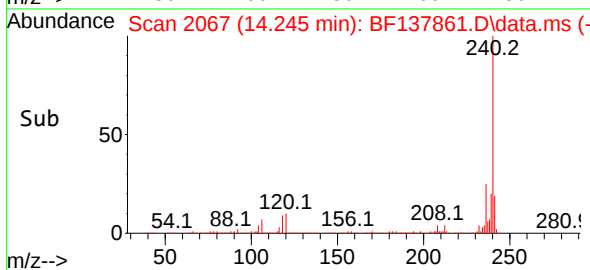
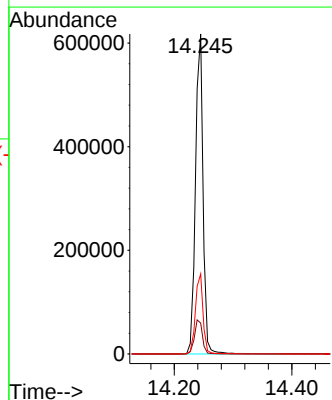
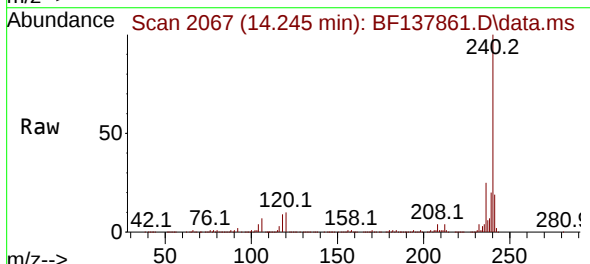
Instrument :
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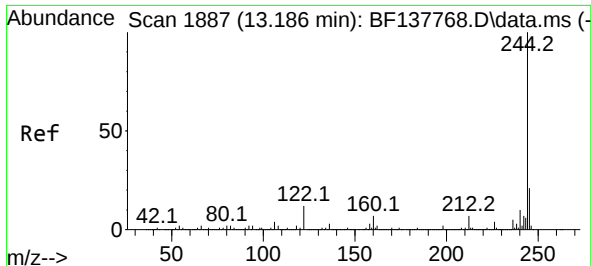
Tgt Ion:188 Resp: 828536
Ion Ratio Lower Upper
188 100
94 9.5 8.8 13.2
80 10.1 9.6 14.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.245 min Scan# 2067
Delta R.T. -0.006 min
Lab File: BF137861.D
Acq: 09 May 2024 13:39

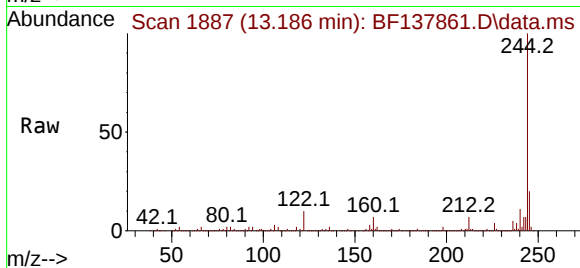
Tgt Ion:240 Resp: 554081
Ion Ratio Lower Upper
240 100
120 9.7 10.4 15.6#
236 25.0 20.4 30.6



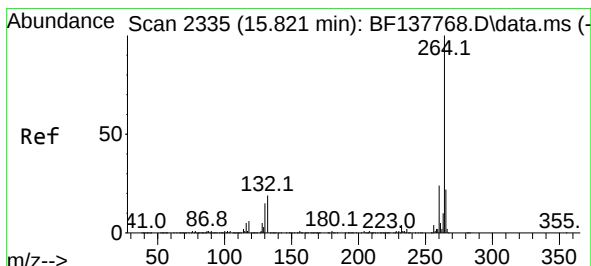
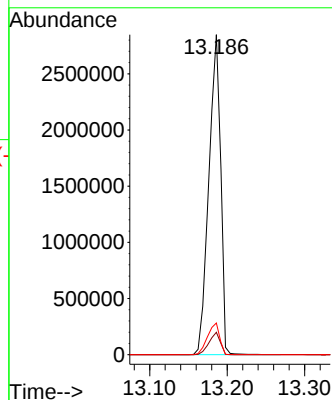
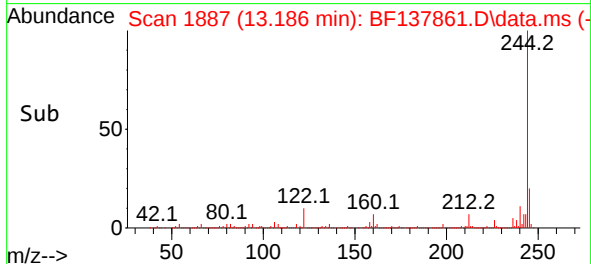


#79
 Terphenyl-d14
 Concen: 90.986 ng
 RT: 13.186 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF137861.D
 Acq: 09 May 2024 13:39

Instrument :
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Tgt Ion:244 Resp: 3008220
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 9.9 9.4 14.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.815 min Scan# 2334
 Delta R.T. -0.006 min
 Lab File: BF137861.D
 Acq: 09 May 2024 13:39

Tgt Ion:264 Resp: 429657
 Ion Ratio Lower Upper
 264 100
 260 23.1 18.9 28.3
 265 21.7 17.4 26.0

