

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050224\
Data File : BF137818.D
Acq On : 02 May 2024 16:46
Operator : CG\JU
Sample : P2330-15
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-3(0.5-1.5)

Quant Time: May 02 18:01:34 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	7.057	152	145030	20.000	ng	0.00
21) Naphthalene-d8	8.339	136	848564	20.000	ng	0.00
39) Acenaphthene-d10	10.098	164	500056	20.000	ng	-0.01
64) Phenanthrene-d10	11.598	188	515385	20.000	ng	# 0.00
76) Chrysene-d12	14.245	240	271903	20.000	ng	0.00
86) Perylene-d12	15.815	264	297713	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.681	112	772171	89.143	ng	0.00
7) Phenol-d6	6.669	99	963829	87.723	ng	0.00
23) Nitrobenzene-d5	7.616	82	584648	40.029	ng	0.00
42) 2,4,6-Tribromophenol	10.892	330	432317	84.673	ng	0.00
45) 2-Fluorobiphenyl	9.416	172	1859985	60.345	ng	0.00
79) Terphenyl-d14	13.180	244	1108992	68.352	ng	0.00

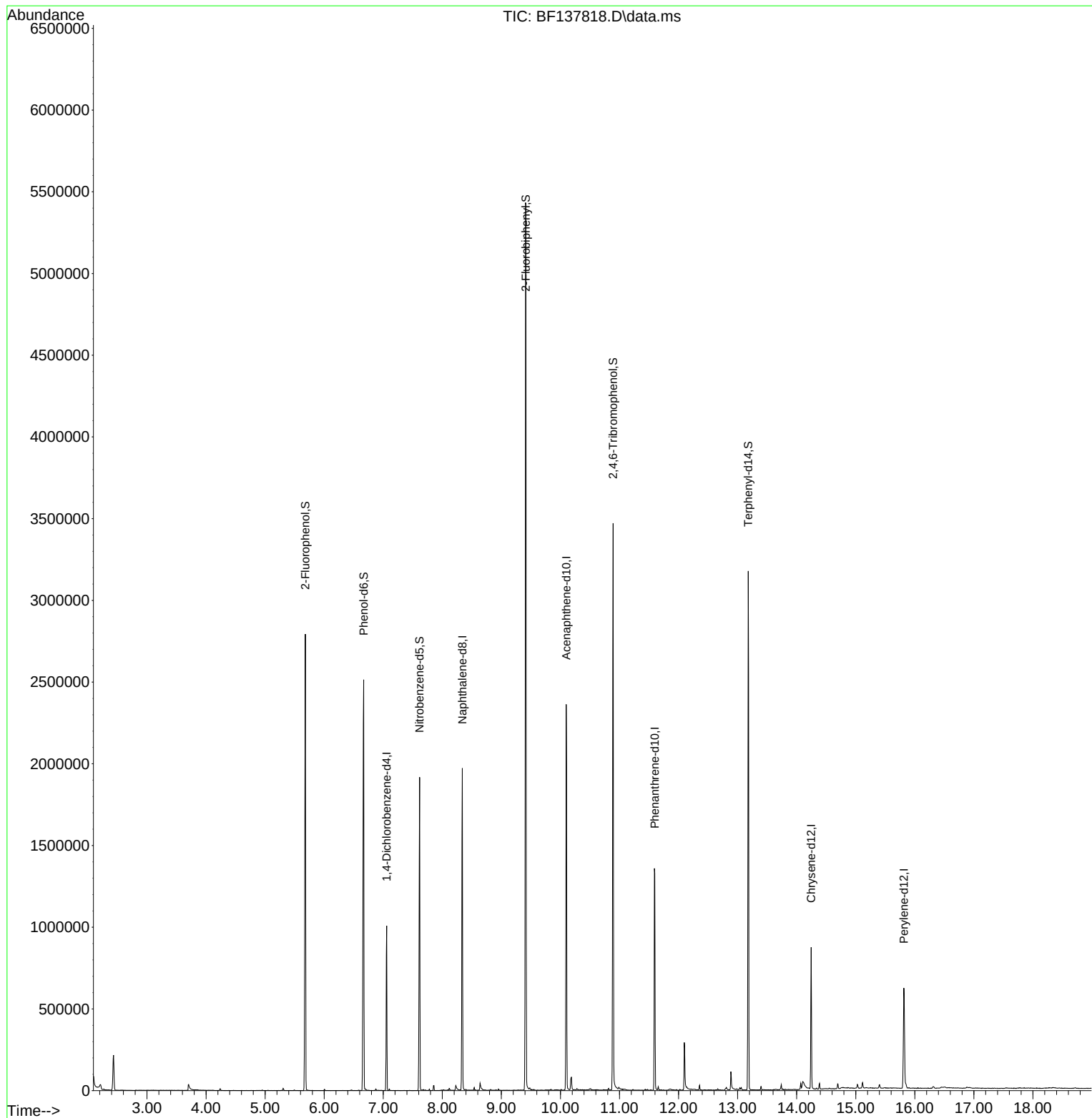
Target Compounds Qvalue

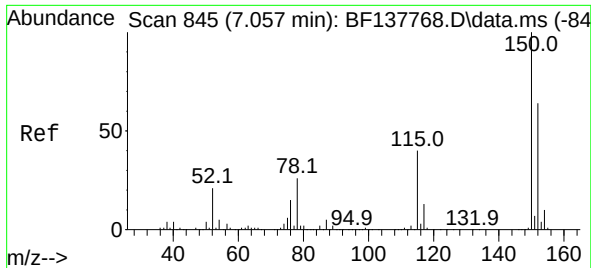
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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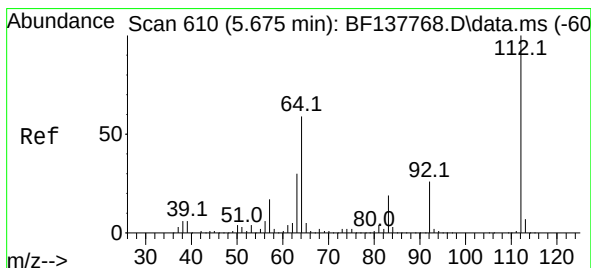
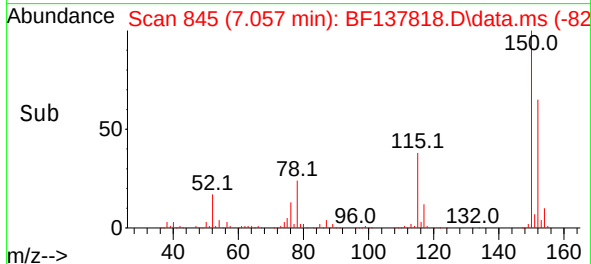
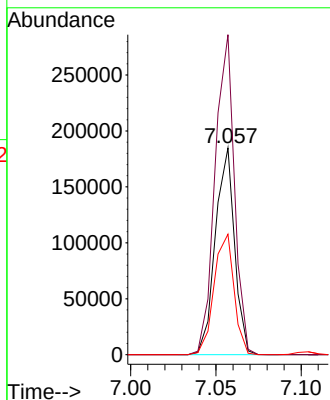
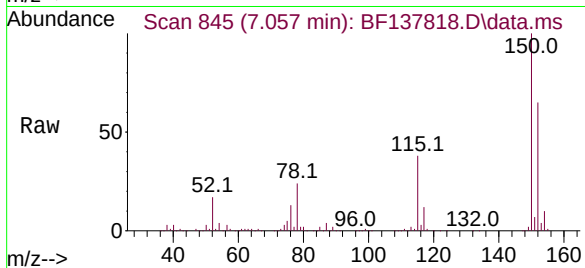




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF137818.D
Acq: 02 May 2024 16:46

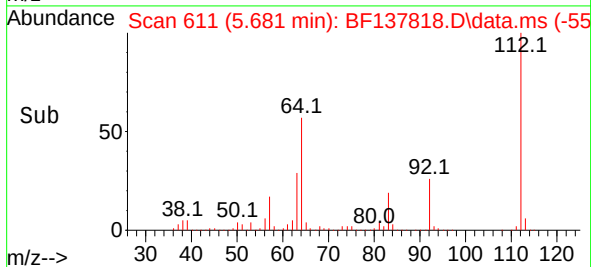
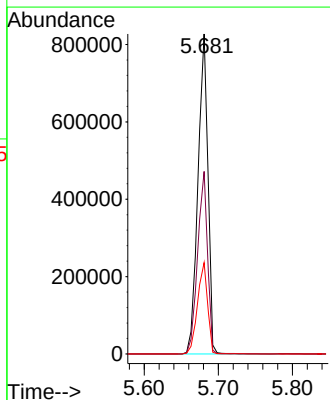
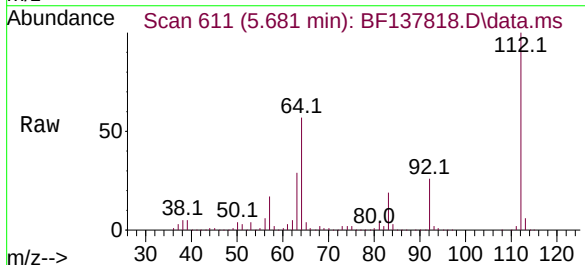
Instrument :
BNA_F
ClientSampleId :
C-3(0.5-1.5)

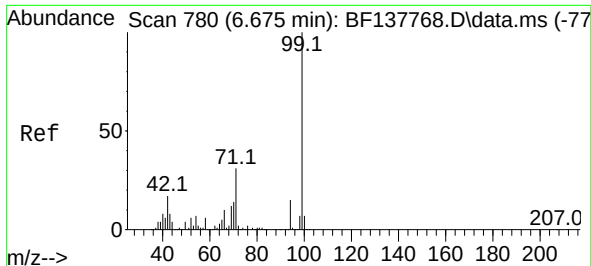
Tgt Ion:152 Resp: 145030
Ion Ratio Lower Upper
152 100
150 154.8 124.1 186.1
115 58.3 49.1 73.7



#5
2-Fluorophenol
Concen: 89.143 ng
RT: 5.681 min Scan# 611
Delta R.T. 0.006 min
Lab File: BF137818.D
Acq: 02 May 2024 16:46

Tgt Ion:112 Resp: 772171
Ion Ratio Lower Upper
112 100
64 57.0 47.3 70.9
63 28.5 23.7 35.5

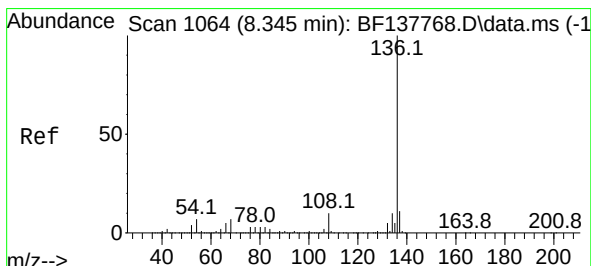
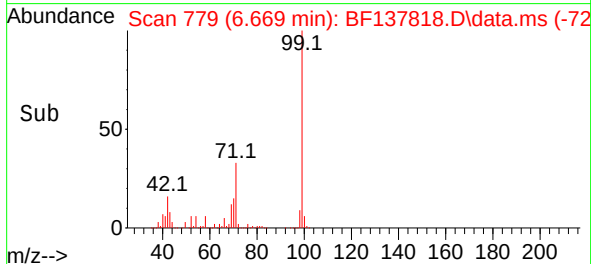
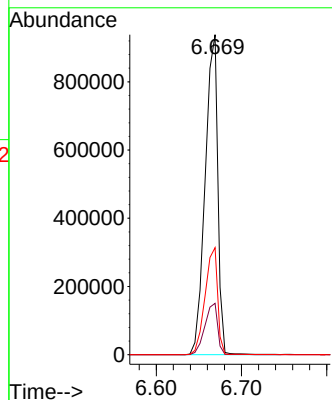
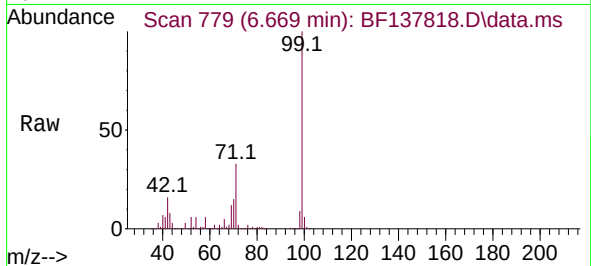




#7
Phenol-d6
Concen: 87.723 ng
RT: 6.669 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF137818.D
Acq: 02 May 2024 16:46

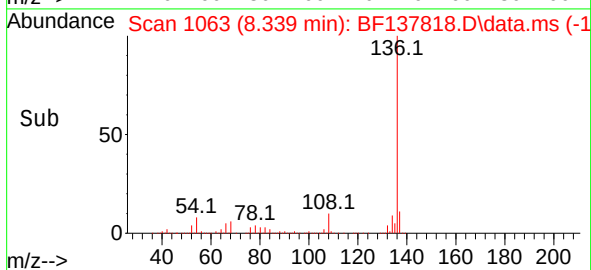
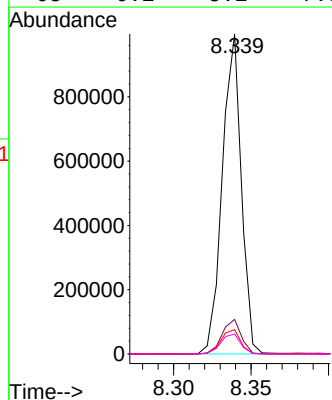
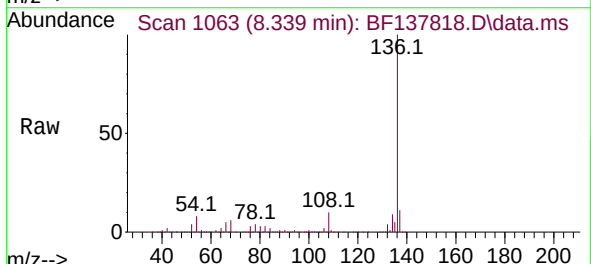
Instrument :
BNA_F
ClientSampleId :
C-3(0.5-1.5)

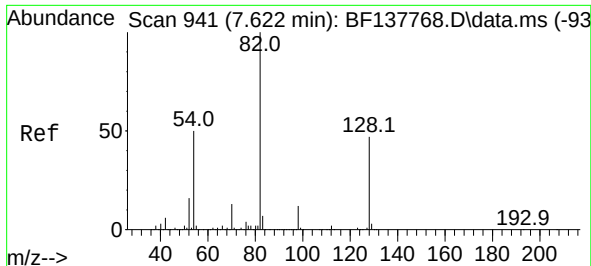
Tgt Ion: 99 Resp: 963829
Ion Ratio Lower Upper
99 100
42 16.1 13.2 19.8
71 33.4 25.0 37.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.339 min Scan# 1063
Delta R.T. -0.006 min
Lab File: BF137818.D
Acq: 02 May 2024 16:46

Tgt Ion: 136 Resp: 848564
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 7.6 5.8 8.8
68 6.2 5.2 7.8





#23

Nitrobenzene-d5

Concen: 40.029 ng

RT: 7.616 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF137818.D

Acq: 02 May 2024 16:46

Instrument :

BNA_F

ClientSampleId :

C-3(0.5-1.5)

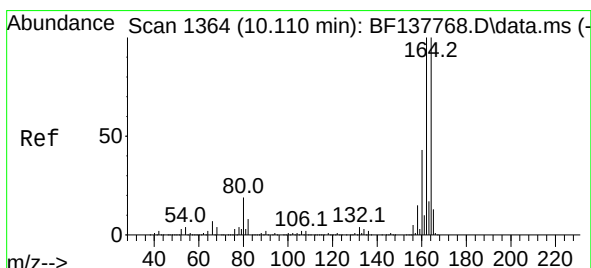
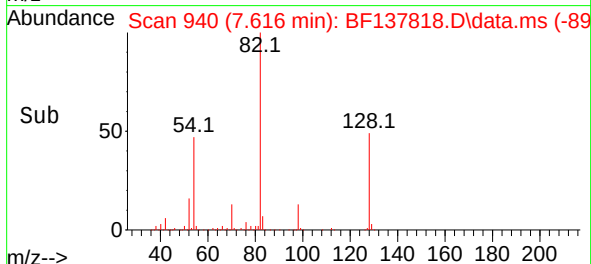
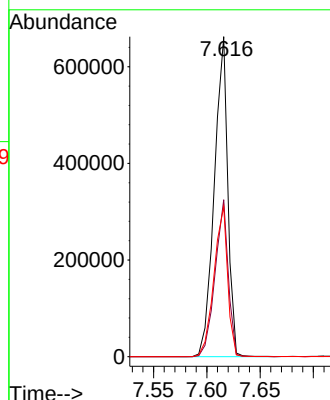
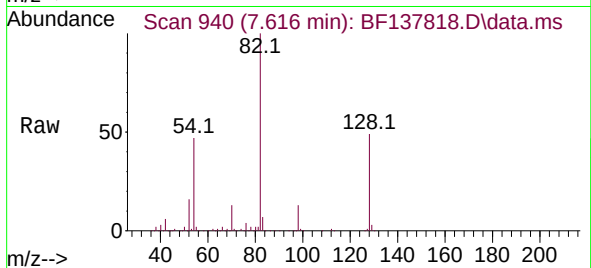
Tgt Ion: 82 Resp: 584648

Ion Ratio Lower Upper

82 100

128 49.0 37.5 56.3

54 46.9 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: BF137818.D

Acq: 02 May 2024 16:46

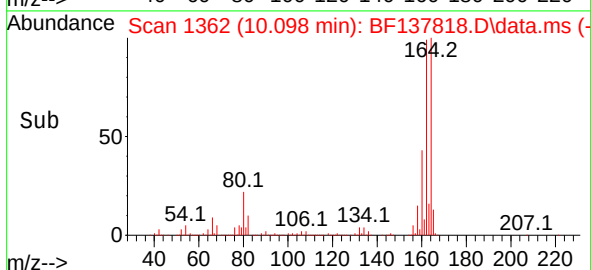
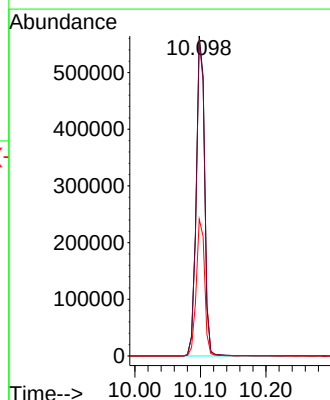
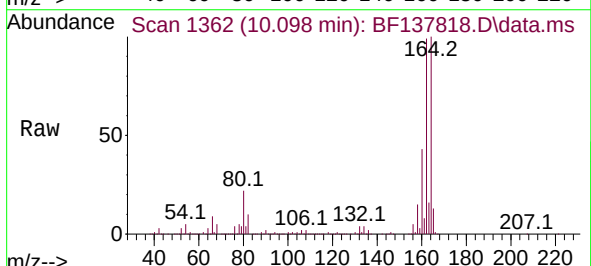
Tgt Ion: 164 Resp: 500056

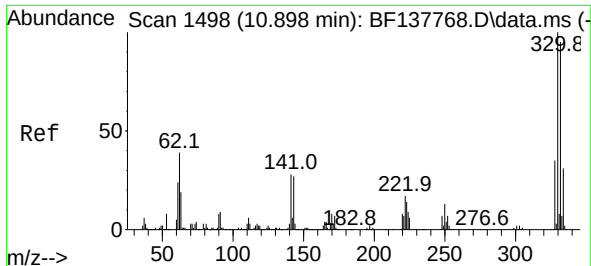
Ion Ratio Lower Upper

164 100

162 98.9 79.8 119.6

160 42.8 34.4 51.6





#42

2,4,6-Tribromophenol

Concen: 84.673 ng

RT: 10.892 min Scan# 1498

Delta R.T. -0.006 min

Lab File: BF137818.D

Acq: 02 May 2024 16:46

Instrument :

BNA_F

ClientSampleId :

C-3(0.5-1.5)

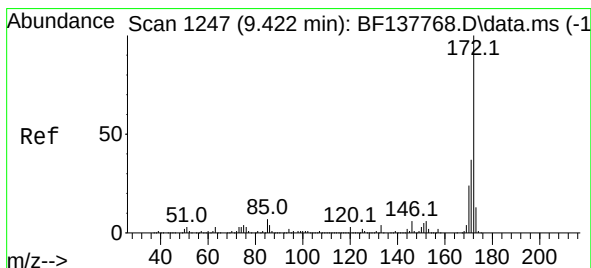
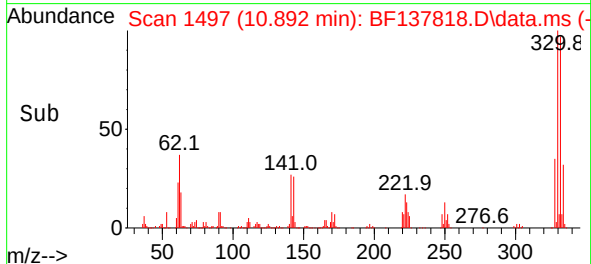
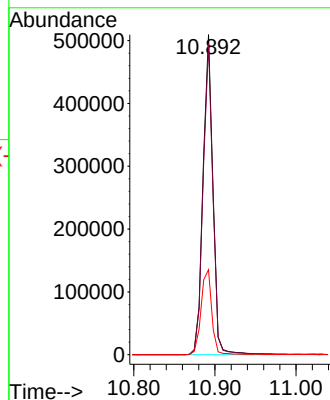
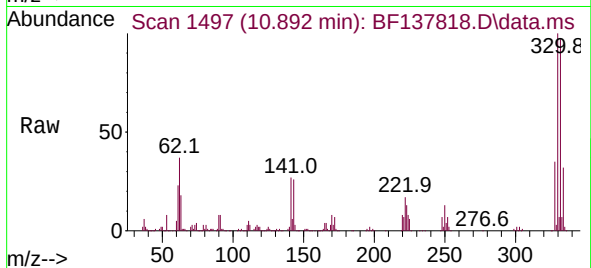
Tgt Ion:330 Resp: 432317

Ion Ratio Lower Upper

330 100

332 96.9 77.3 115.9

141 29.0 23.8 35.6



#45

2-Fluorobiphenyl

Concen: 60.345 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF137818.D

Acq: 02 May 2024 16:46

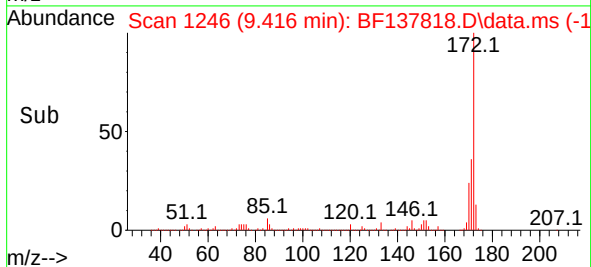
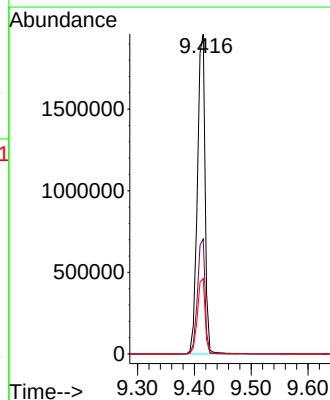
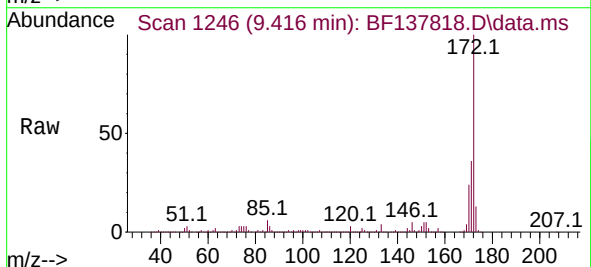
Tgt Ion:172 Resp: 1859985

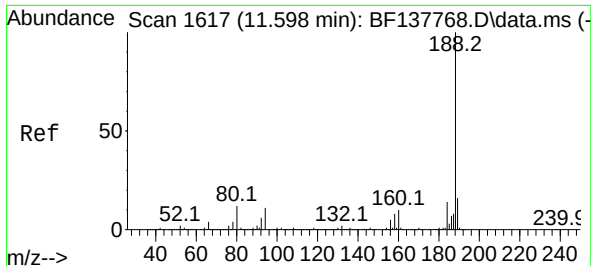
Ion Ratio Lower Upper

172 100

171 35.9 29.6 44.4

170 23.5 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.598 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF137818.D

Acq: 02 May 2024 16:46

Instrument :

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ClientSampleId :

C-3(0.5-1.5)

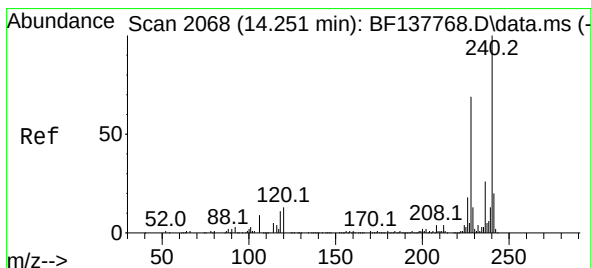
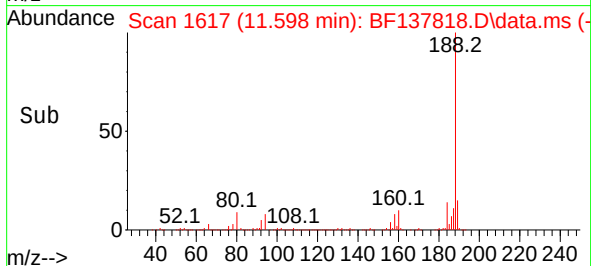
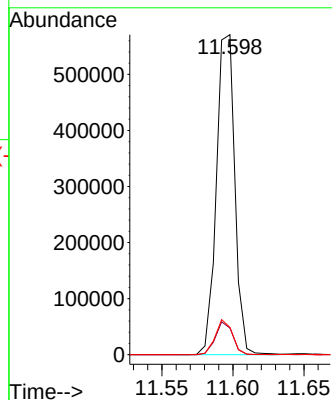
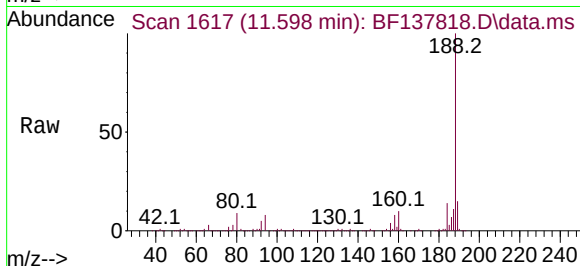
Tgt Ion:188 Resp: 515385

Ion Ratio Lower Upper

188 100

94 8.3 8.8 13.2#

80 8.6 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: BF137818.D

Acq: 02 May 2024 16:46

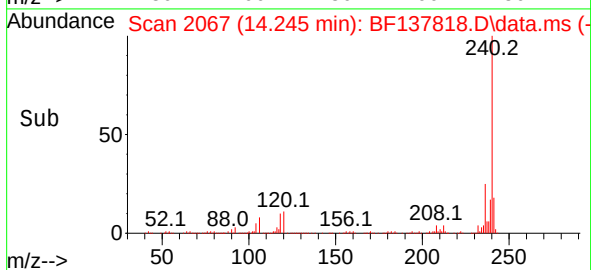
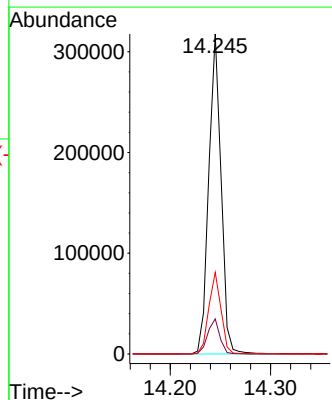
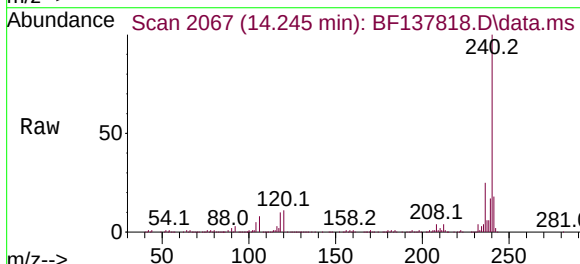
Tgt Ion:240 Resp: 271903

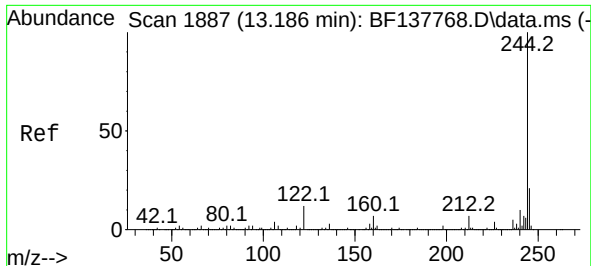
Ion Ratio Lower Upper

240 100

120 11.0 10.4 15.6

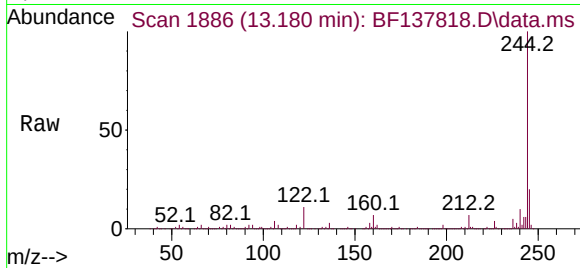
236 25.5 20.4 30.6



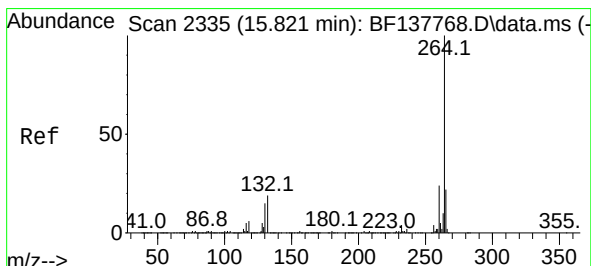
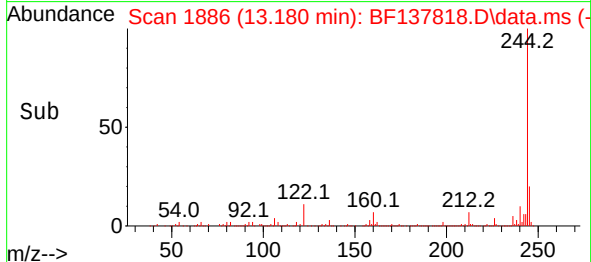
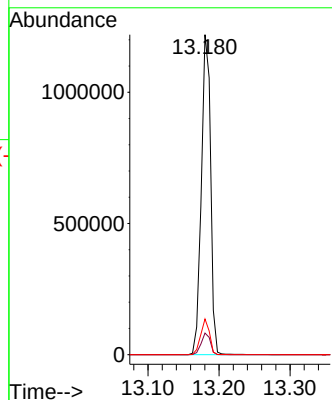


#79
Terphenyl-d14
Concen: 68.352 ng
RT: 13.180 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF137818.D
Acq: 02 May 2024 16:46

Instrument :
BNA_F
ClientSampleId :
C-3(0.5-1.5)



Tgt Ion:244 Resp: 1108992
Ion Ratio Lower Upper
244 100
212 6.8 5.5 8.3
122 11.2 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: BF137818.D
Acq: 02 May 2024 16:46

Tgt Ion:264 Resp: 297713
Ion Ratio Lower Upper
264 100
260 24.2 18.9 28.3
265 21.8 17.4 26.0

