

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031219\
 Data File : BF113009.D
 Acq On : 12 Mar 2019 18:10
 Operator : JU/SJ
 Sample : K1697-05 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-031119-A

Quant Time: Mar 13 04:26:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 13 03:42:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	183603	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	640890	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	311513	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	501708	20.00	ng	0.00
76) Chrysene-d12	13.86	240	499634	20.00	ng	0.00
87) Perylene-d12	15.27	264	458030	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	192225	16.29	ng	-0.01
7) Phenol-d6	6.36	99	257905	17.39	ng	-0.01
23) Nitrobenzene-d5	7.29	82	135588	12.66	ng	-0.01
42) 2,4,6-Tribromophenol	10.55	330	61764	18.68	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	292945	11.54	ng	0.00
79) Terphenyl-d14	12.82	244	228511	8.87	ng	0.00

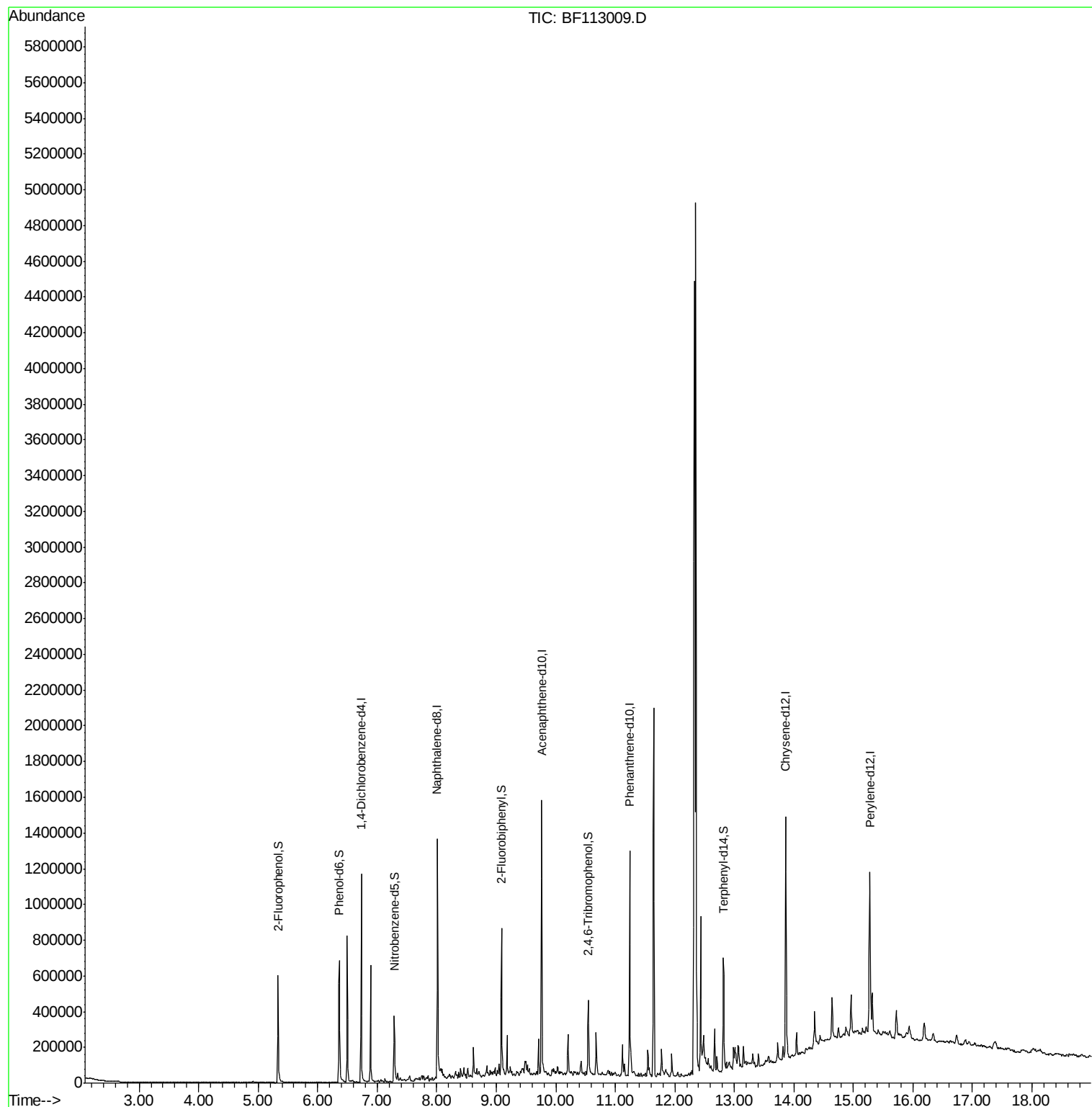
Target Compounds Qvalue

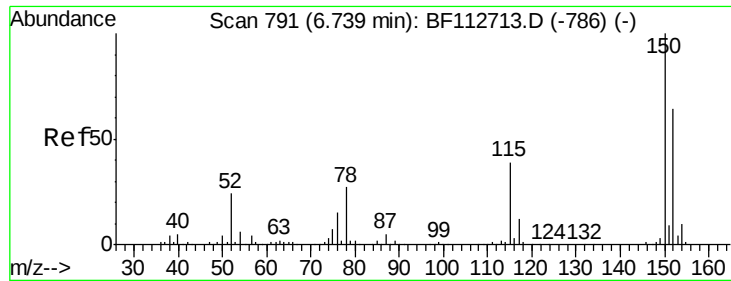
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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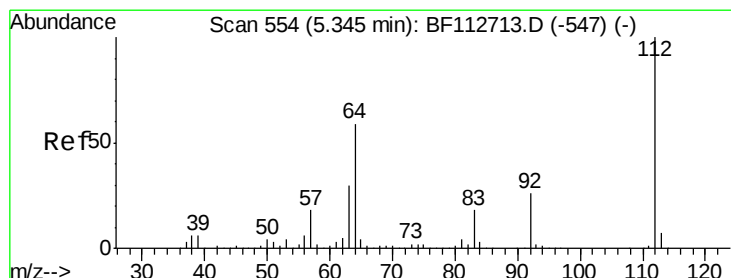
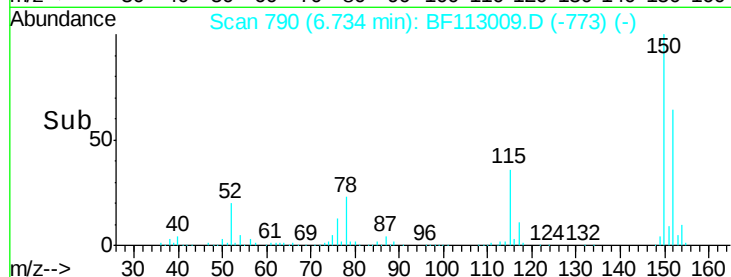
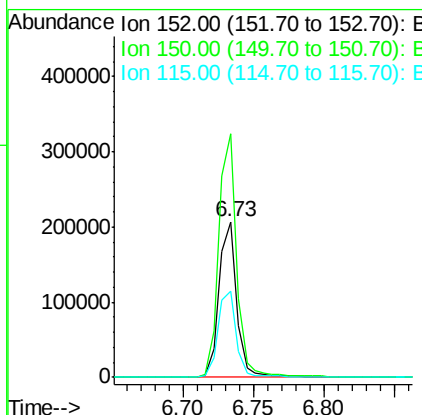
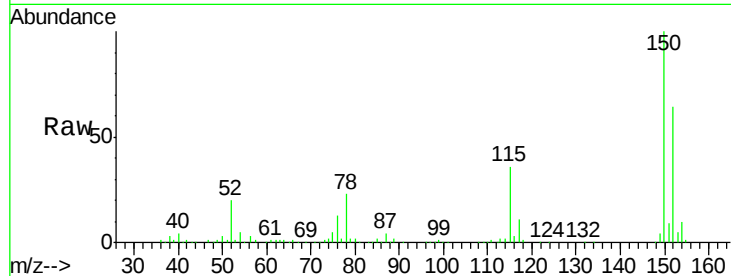


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.00 min
Lab File: BF113009.D
Acq: 12 Mar 2019 18:10

Instrument :
BNA_F
ClientSampleId :
SU-04-031119-A

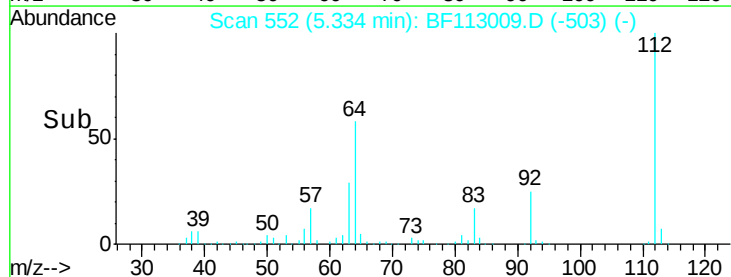
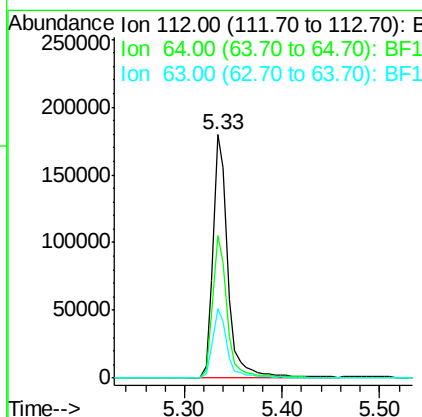
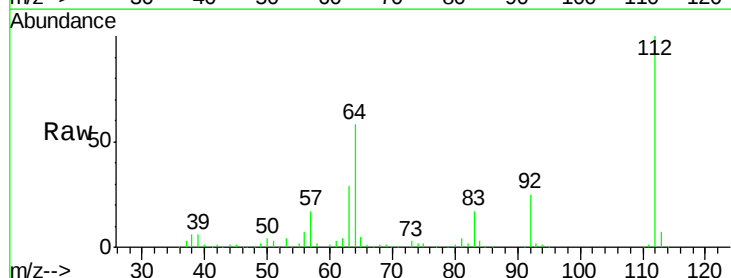
Tot Ion:152 Resp: 183603
Ion Ratio Lower Upper
152 100
150 156.3 124.2 186.2
115 55.6 48.2 72.4

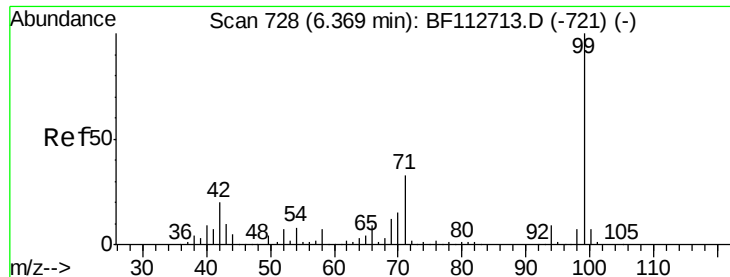


#5

2-Fluorophenol
Concen: 16.286 ng
RT: 5.33 min Scan# 552
Delta R.T. -0.01 min
Lab File: BF113009.D
Acq: 12 Mar 2019 18:10

Tgt Ion:112 Resp: 192225
Ion Ratio Lower Upper
112 100
64 58.4 47.6 71.4
63 28.8 24.4 36.6





#7

Phenol-d6

Concen: 17.395 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113009.D

Acq: 12 Mar 2019 18:10

Instrument :

BNA_F

ClientSampleId :

SU-04-031119-A

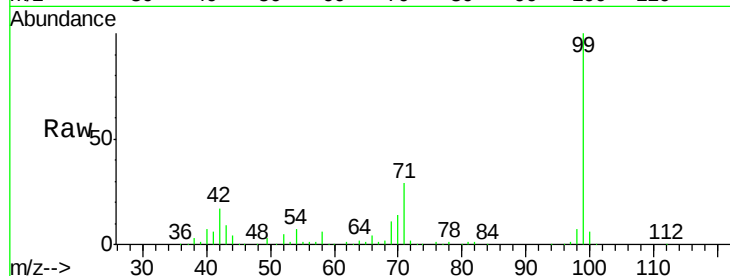
Tot Ion: 99 Resp: 257905

Ion Ratio Lower Upper

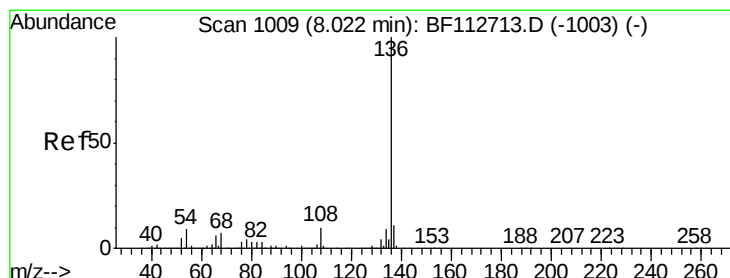
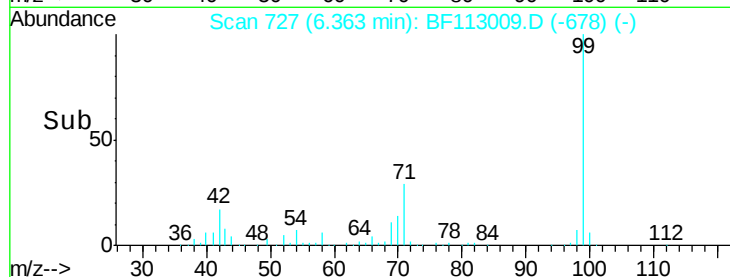
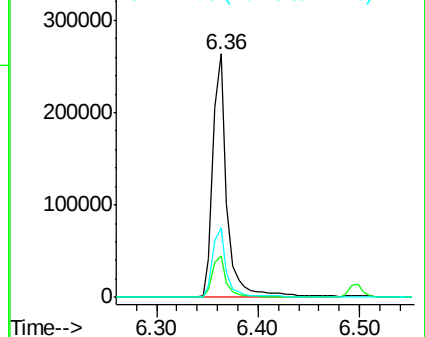
99 100

42 16.9 16.3 24.5

71 28.8 26.2 39.4



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF113009.D

Acq: 12 Mar 2019 18:10

Tgt Ion: 136 Resp: 640890

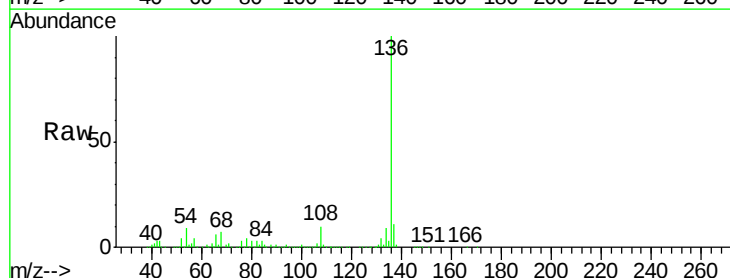
Ion Ratio Lower Upper

136 100

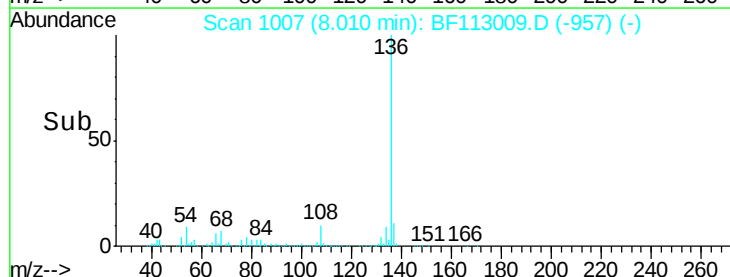
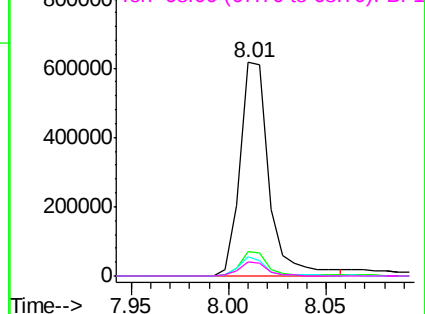
137 11.2 8.9 13.3

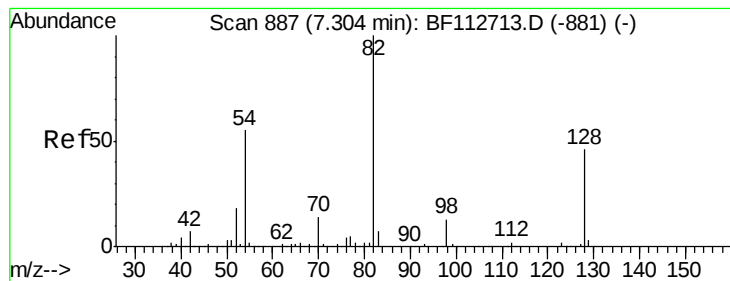
54 8.8 7.3 10.9

68 6.8 5.4 8.2



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1





#23

Nitrobenzene-d5

Concen: 12.659 ng

RT: 7.29 min Scan# 884

Delta R.T. -0.01 min

Lab File: BF113009.D

Acq: 12 Mar 2019 18:10

Instrument :

BNA_F

ClientSampleId :

SU-04-031119-A

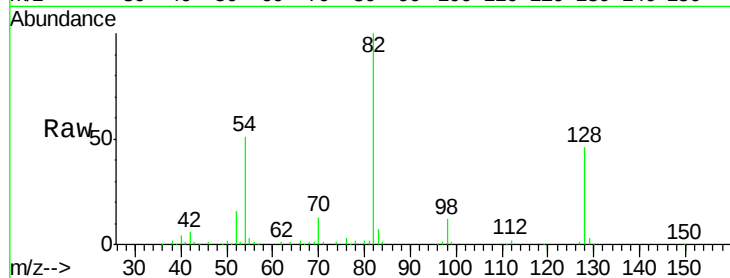
Tot Ion: 82 Resp: 135588

Ion Ratio Lower Upper

82 100

128 46.5 36.3 54.5

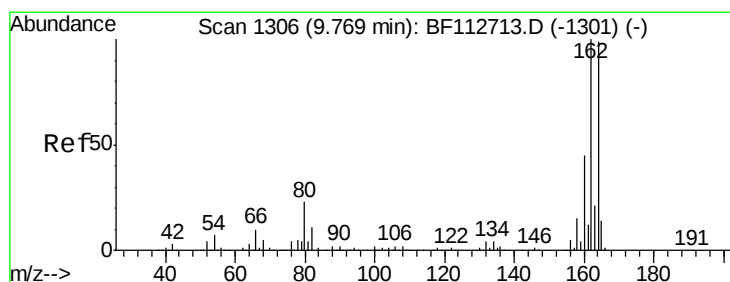
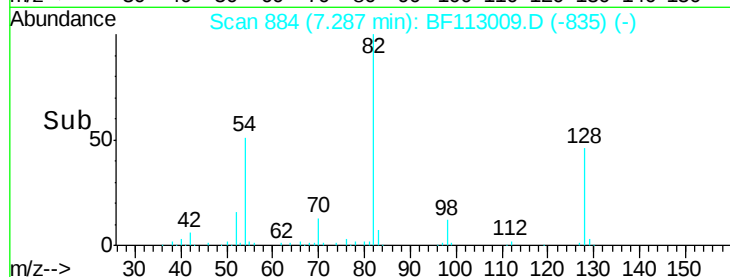
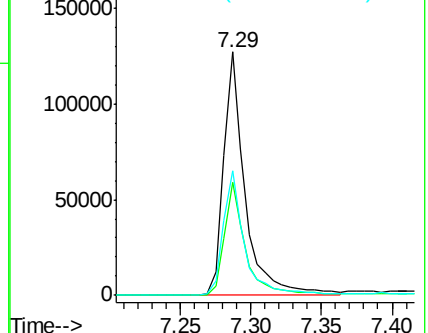
54 51.0 43.7 65.5



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BF113009.D

Acq: 12 Mar 2019 18:10

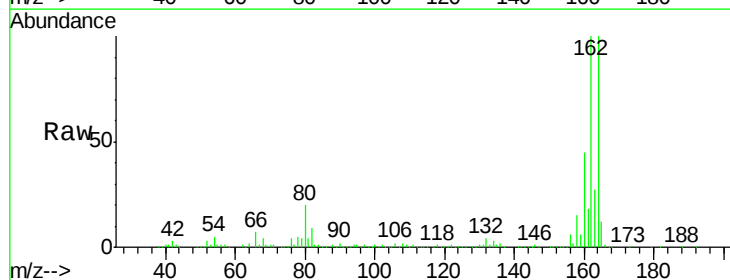
Tgt Ion:164 Resp: 311513

Ion Ratio Lower Upper

164 100

162 100.1 80.6 120.8

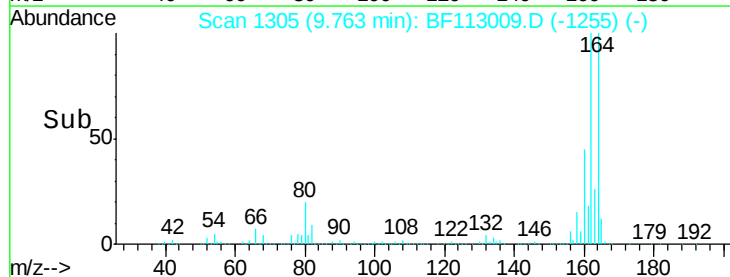
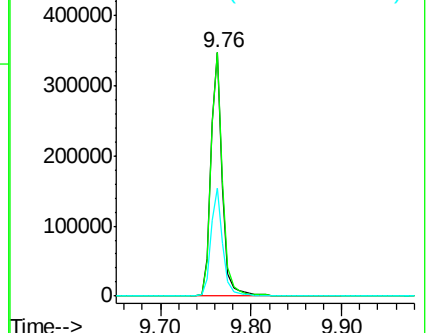
160 44.6 36.0 54.0

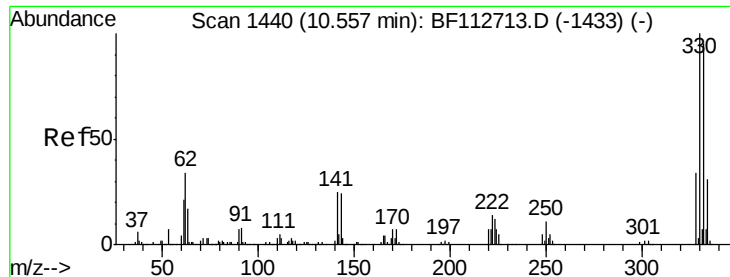


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 18.676 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF113009.D

Acq: 12 Mar 2019 18:10

Instrument :

BNA_F

ClientSampleId :

SU-04-031119-A

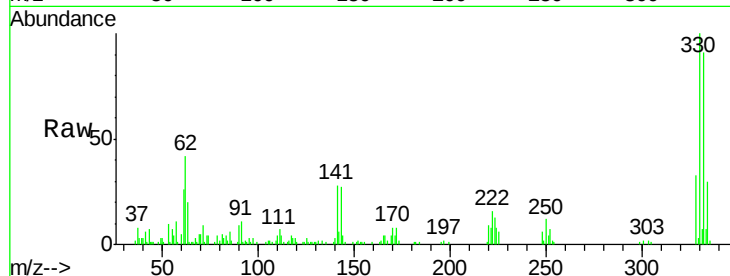
Tot Ion:330 Resp: 61764

Ion Ratio Lower Upper

330 100

332 95.1 76.2 114.4

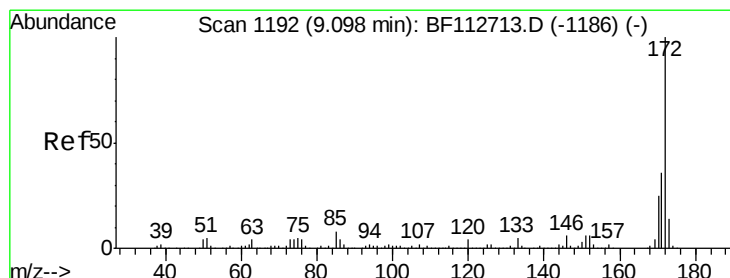
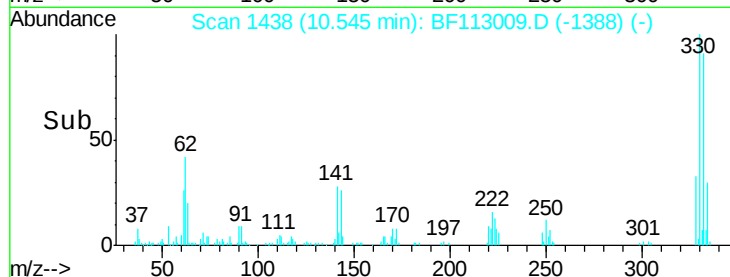
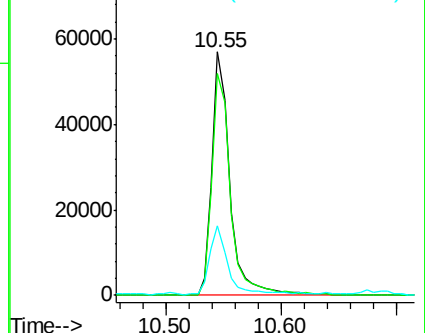
141 29.3 27.0 40.6



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 11.538 ng

RT: 9.09 min Scan# 1190

Delta R.T. -0.01 min

Lab File: BF113009.D

Acq: 12 Mar 2019 18:10

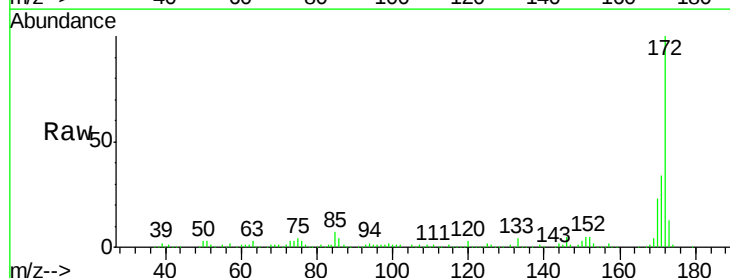
Tgt Ion:172 Resp: 292945

Ion Ratio Lower Upper

172 100

171 34.3 29.0 43.4

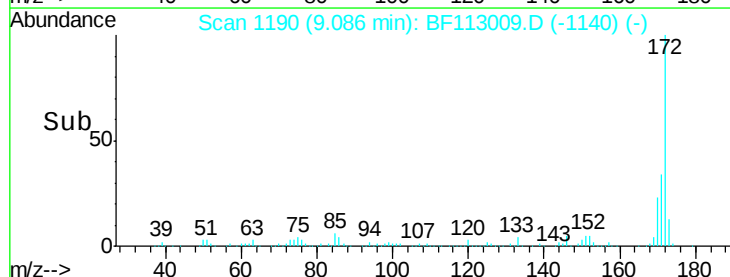
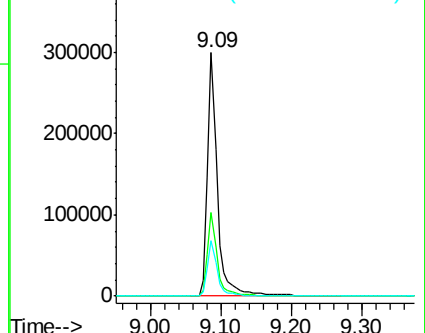
170 22.9 20.0 30.0

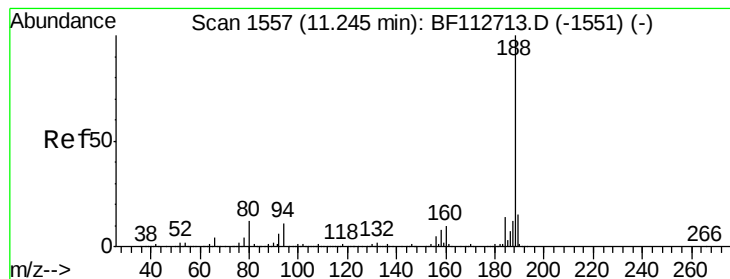


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1556

Delta R.T. -0.01 min

Lab File: BF113009.D

Acq: 12 Mar 2019 18:10

Instrument :

BNA_F

ClientSampleId :

SU-04-031119-A

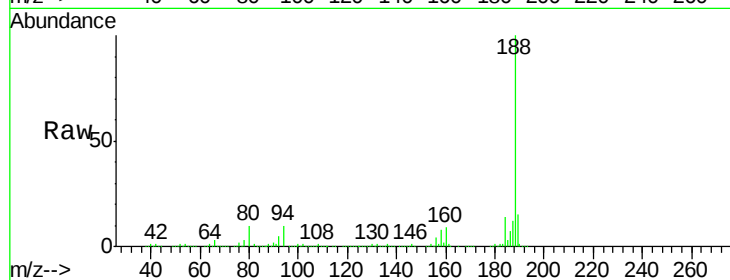
Tot Ion:188 Resp: 501708

Ion Ratio Lower Upper

188 100

94 9.6 9.0 13.4

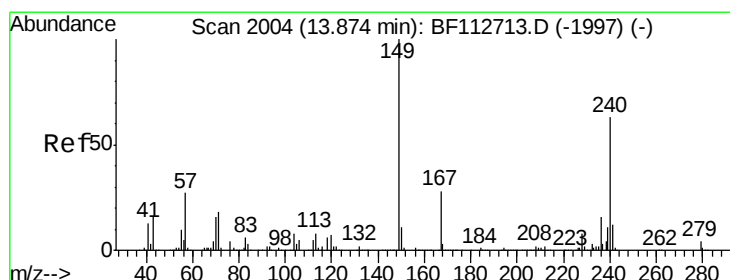
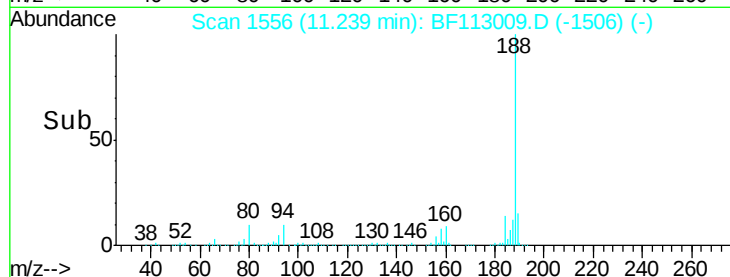
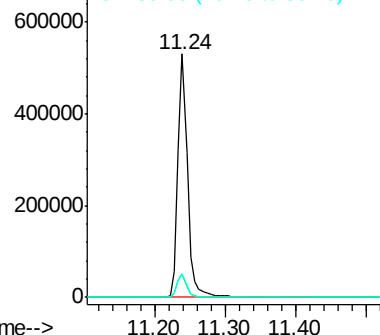
80 9.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113009.D

Acq: 12 Mar 2019 18:10

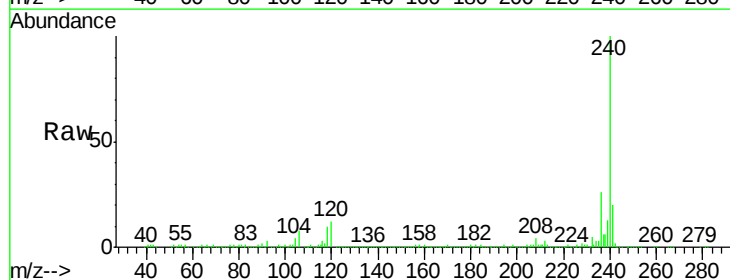
Tgt Ion:240 Resp: 499634

Ion Ratio Lower Upper

240 100

120 12.1 8.9 13.3

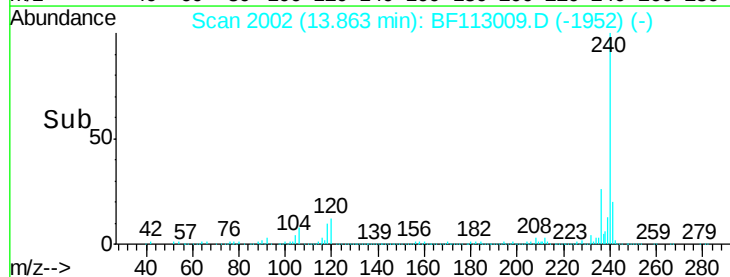
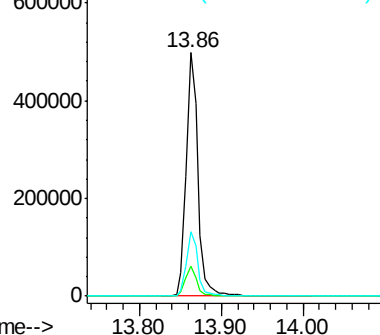
236 26.2 20.7 31.1

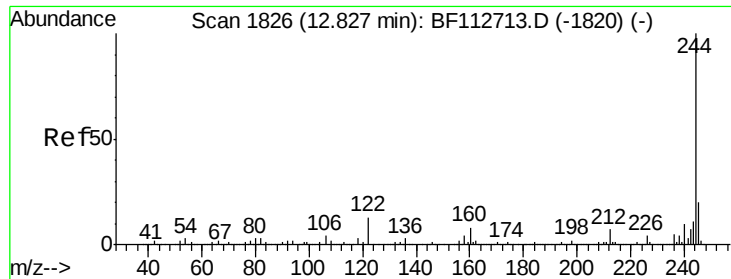


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

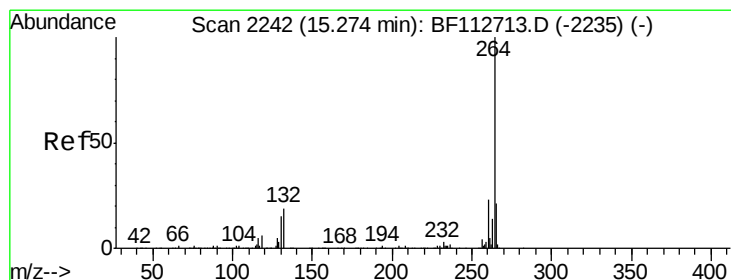
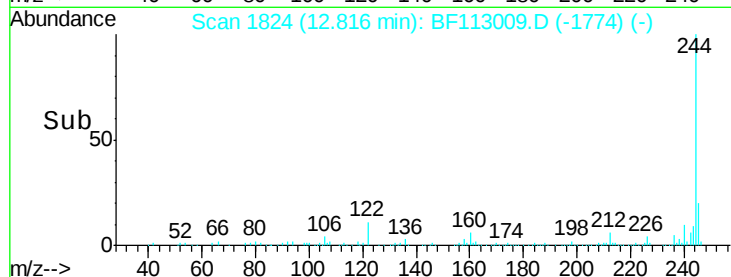
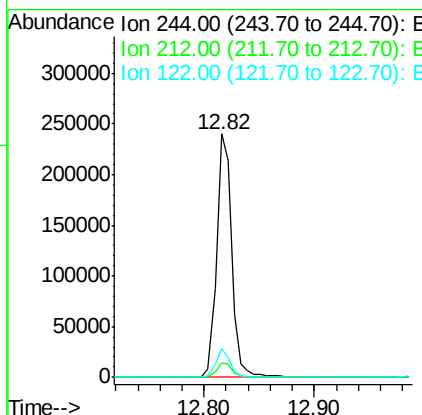
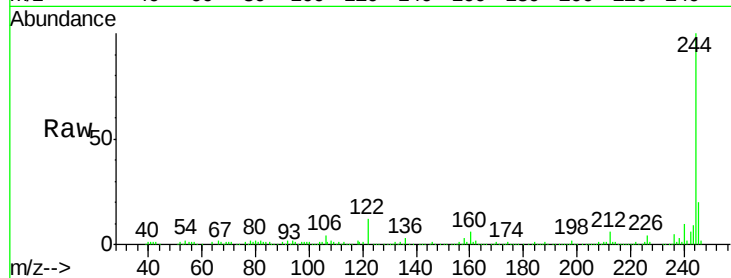




#79
 Terphenyl-d14
 Concen: 8.866 ng
 RT: 12.82 min Scan# 1824
 Delta R.T. -0.01 min
 Lab File: BF113009.D
 Acq: 12 Mar 2019 18:10

Instrument :
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 SU-04-031119-A

Tot Ion:244 Resp: 228511
 Ion Ratio Lower Upper
 244 100
 212 6.0 5.6 8.4
 122 11.6 10.5 15.7



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2242
 Delta R.T. -0.00 min
 Lab File: BF113009.D
 Acq: 12 Mar 2019 18:10

Tgt Ion:264 Resp: 458030
 Ion Ratio Lower Upper
 264 100
 260 24.5 18.7 28.1
 265 21.9 17.2 25.8

