

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032119\
 Data File : BF113201.D
 Acq On : 21 Mar 2019 11:39
 Operator : JU/SJ
 Sample : PB118085BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB118085BL

Quant Time: Mar 22 01:01:15 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	6.72	152	153771	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	680401	20.00	ng	-0.01
39) Acenaphthene-d10	9.76	164	291356	20.00	ng	-0.01
64) Phenanthrene-d10	11.23	188	633257	20.00	ng	-0.01
76) Chrysene-d12	13.86	240	596003	20.00	ng	0.00
87) Perylene-d12	15.27	264	552704	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.35	112	1085399	109.80	ng	0.00
7) Phenol-d6	6.37	99	1319691	106.28	ng	0.00
23) Nitrobenzene-d5	7.28	82	752619	66.19	ng	-0.02
42) 2,4,6-Tribromophenol	10.55	330	408868	132.19	ng	0.00
45) 2-Fluorobiphenyl	9.08	172	1459160	82.28	ng	-0.01
79) Terphenyl-d14	12.82	244	1736797	56.49	ng	0.00

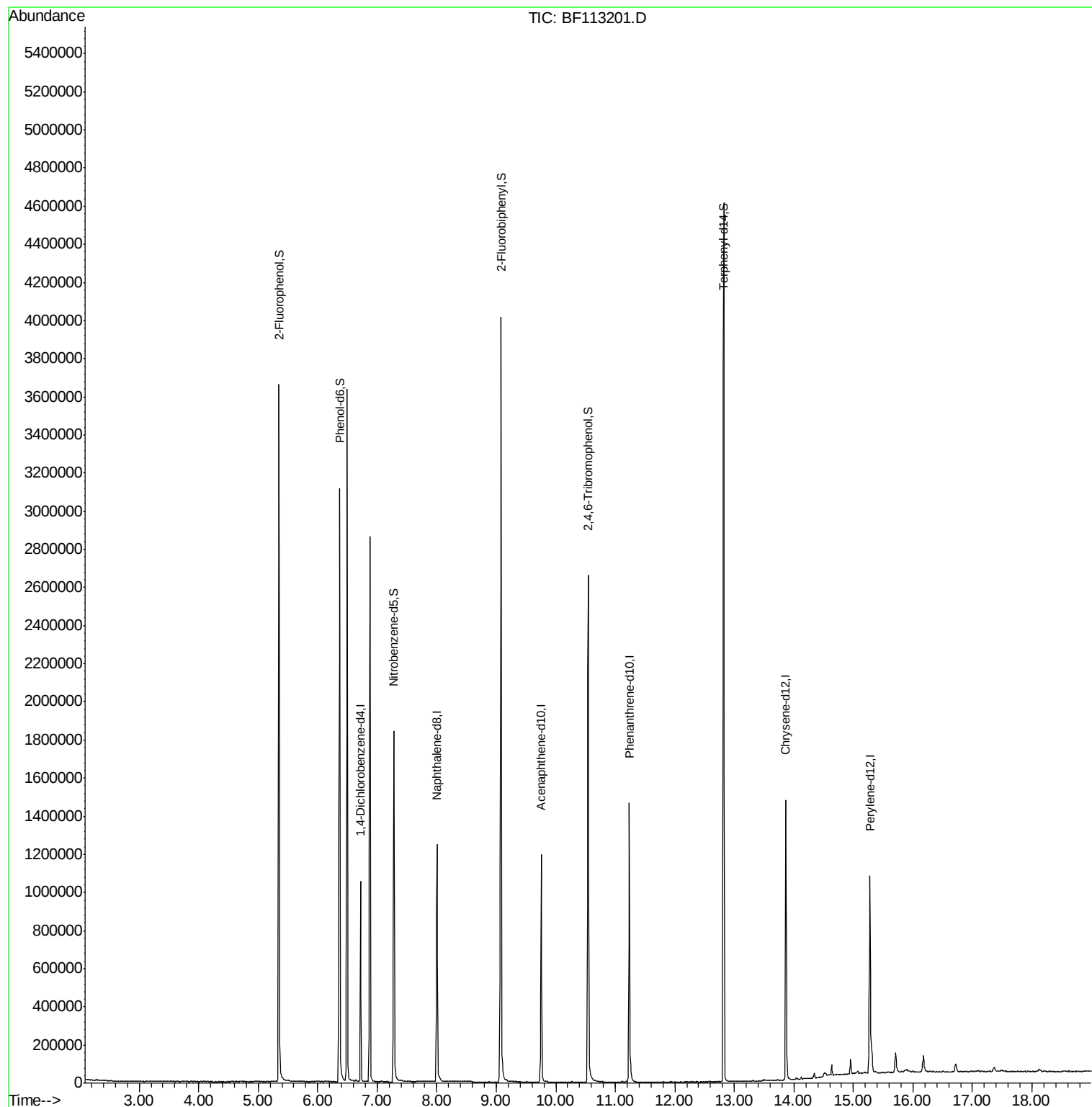
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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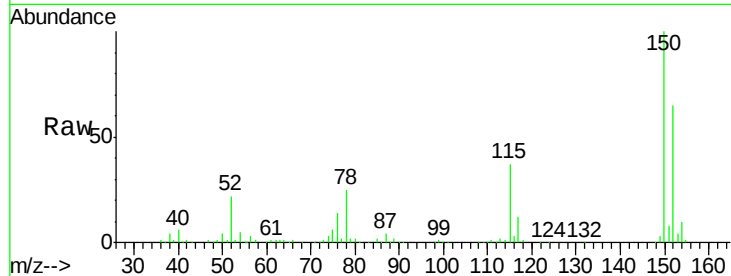


#1

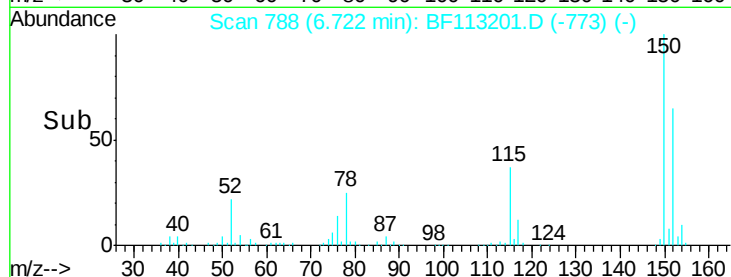
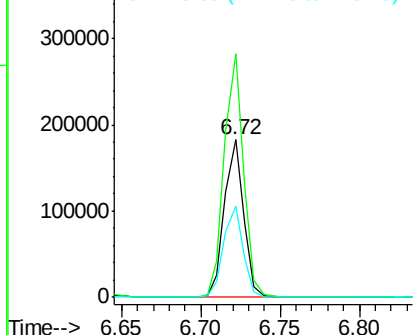
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.72 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF113201.D
 Acq: 21 Mar 2019 11:39

Instrument :
 BNA_F
 ClientSampleId :
 PB118085BL

Tgt Ion:152 Resp: 153771
 Ion Ratio Lower Upper
 152 100
 150 154.6 124.2 186.2
 115 57.8 48.2 72.4



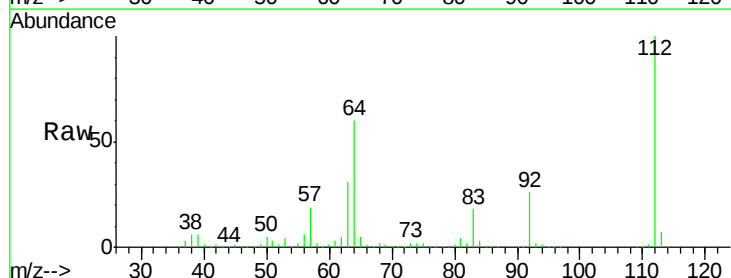
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



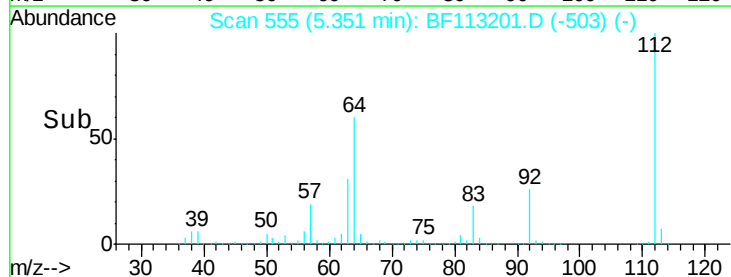
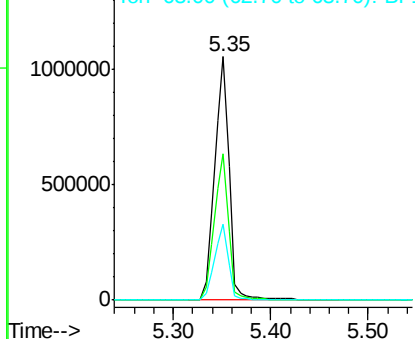
#5

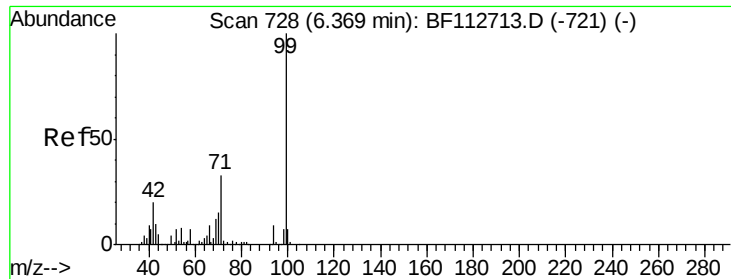
2-Fluorophenol
 Concen: 109.799 ng
 RT: 5.35 min Scan# 555
 Delta R.T. 0.01 min
 Lab File: BF113201.D
 Acq: 21 Mar 2019 11:39

Tgt Ion:112 Resp: 1085399
 Ion Ratio Lower Upper
 112 100
 64 60.2 47.6 71.4
 63 31.1 24.4 36.6



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 106.276 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.01 min

Lab File: BF113201.D

Acq: 21 Mar 2019 11:39

Instrument :

BNA_F

ClientSampleId :

PB118085BL

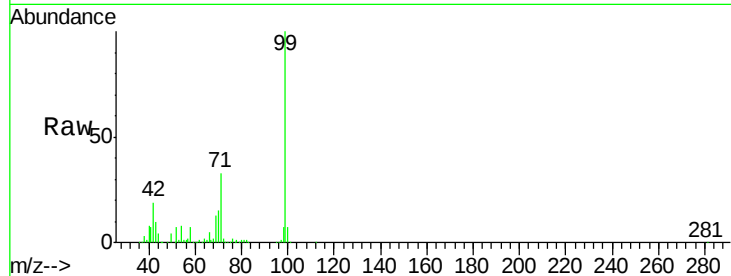
Tgt Ion: 99 Resp: 1319691

Ion Ratio Lower Upper

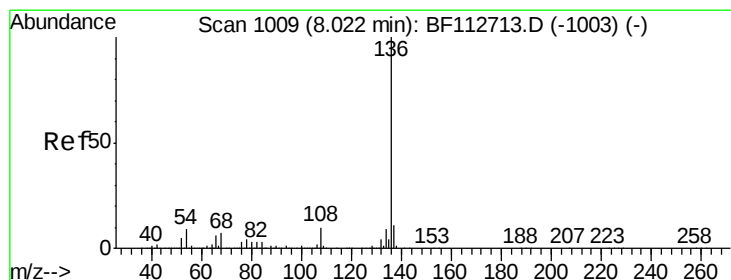
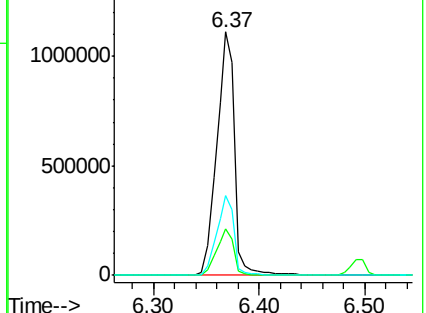
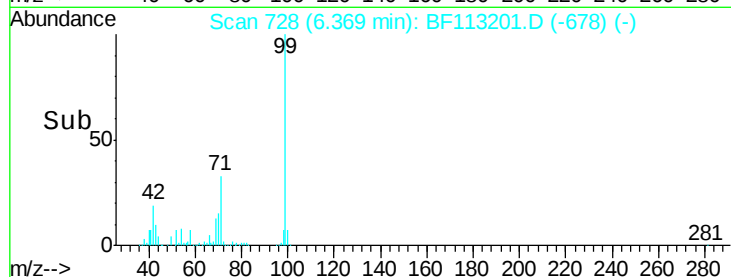
99 100

42 19.3 16.3 24.5

71 32.9 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: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF113201.D

Acq: 21 Mar 2019 11:39

Tgt Ion: 136 Resp: 680401

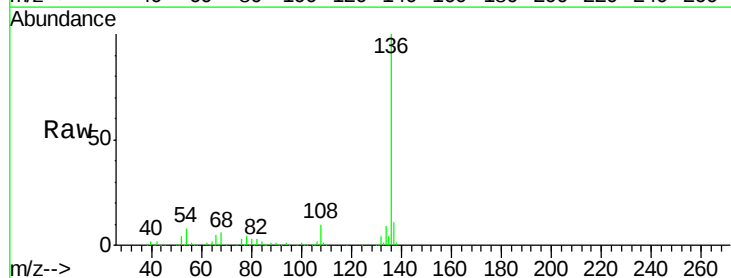
Ion Ratio Lower Upper

136 100

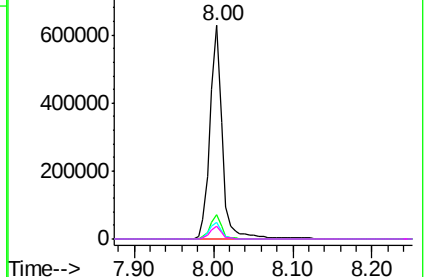
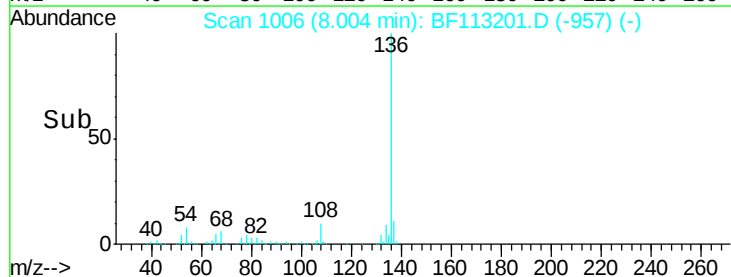
137 11.2 8.9 13.3

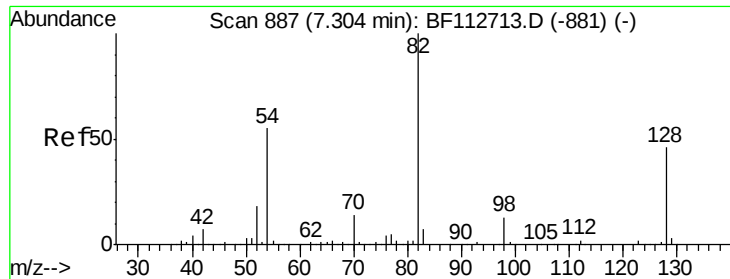
54 7.8 7.3 10.9

68 5.7 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

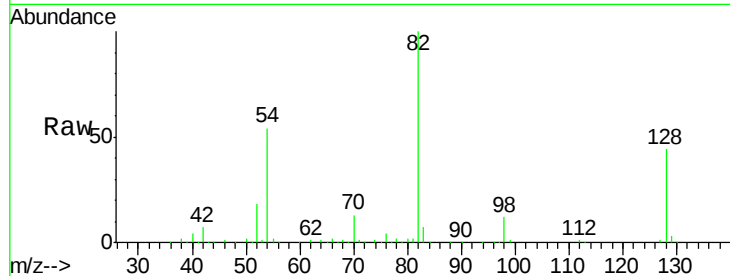




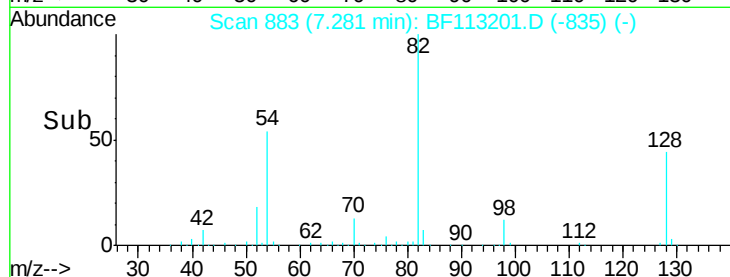
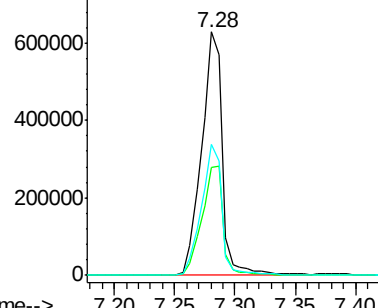
#23
Nitrobenzene-d5
Concen: 66.189 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF113201.D
Acq: 21 Mar 2019 11:39

Instrument :
BNA_F
ClientSampleId :
PB118085BL

Tgt Ion: 82 Resp: 752619
Ion Ratio Lower Upper
82 100
128 44.1 36.3 54.5
54 53.7 43.7 65.5

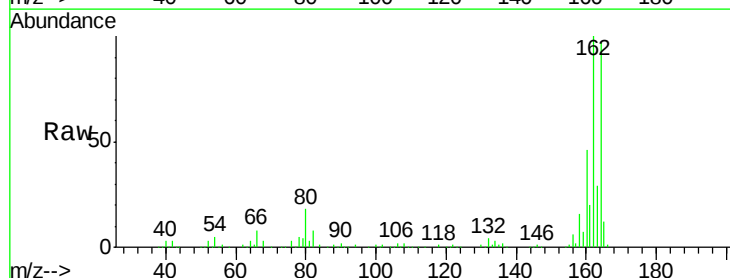


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

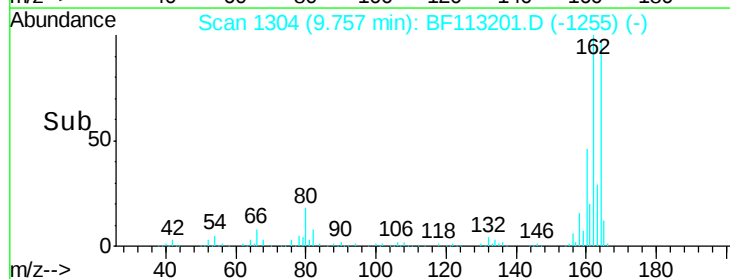
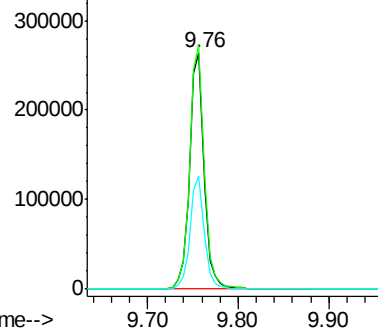


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF113201.D
Acq: 21 Mar 2019 11:39

Tgt Ion: 164 Resp: 291356
Ion Ratio Lower Upper
164 100
162 103.2 80.6 120.8
160 47.8 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

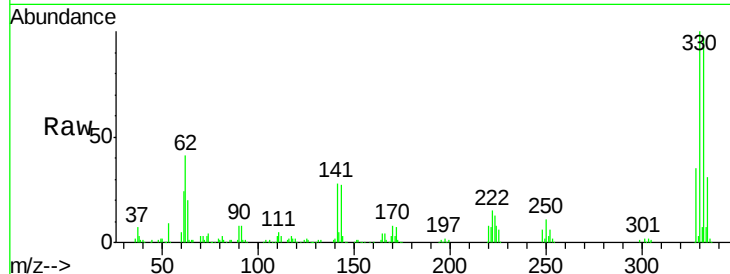




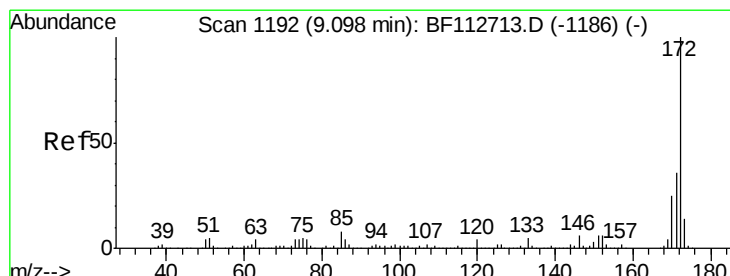
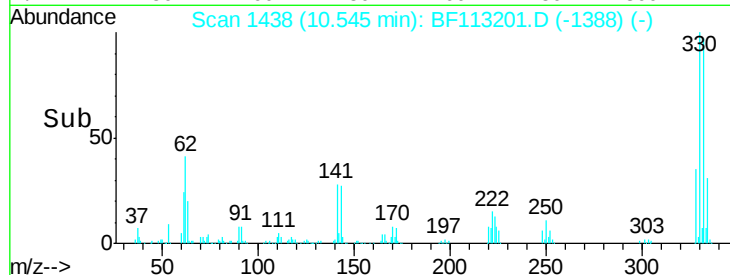
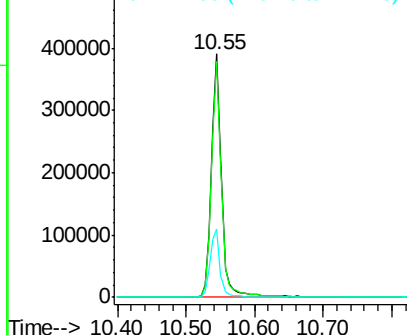
#42
 2,4,6-Tribromophenol
 Concen: 132.187 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF113201.D
 Acq: 21 Mar 2019 11:39

Instrument :
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 ClientSampleId :
 PB118085BL

Tgt Ion:330 Resp: 408868
 Ion Ratio Lower Upper
 330 100
 332 96.4 76.2 114.4
 141 28.3 27.0 40.6

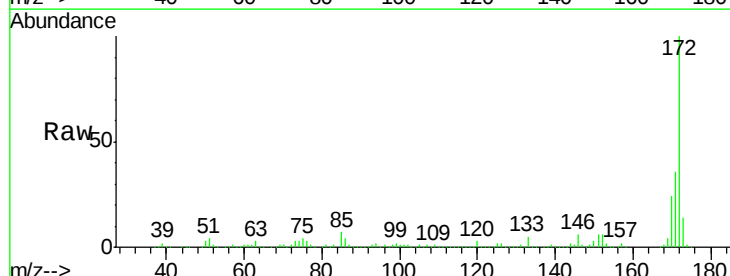


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

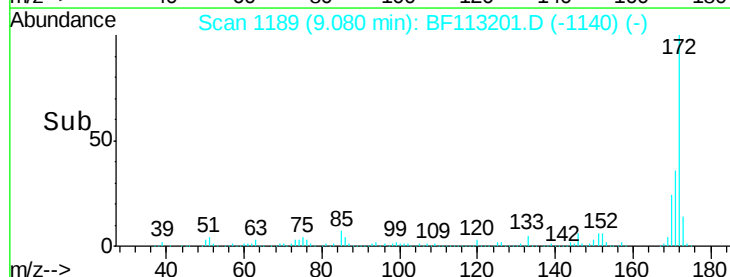
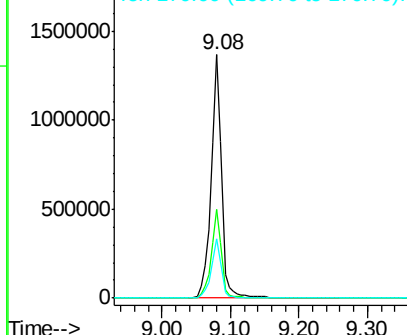


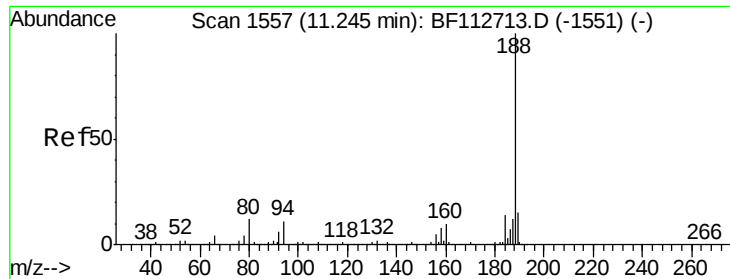
#45
 2-Fluorobiphenyl
 Concen: 82.276 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. -0.01 min
 Lab File: BF113201.D
 Acq: 21 Mar 2019 11:39

Tgt Ion:172 Resp: 1459160
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.4
 170 24.4 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

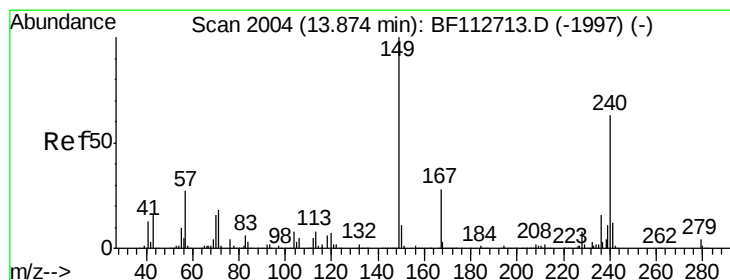
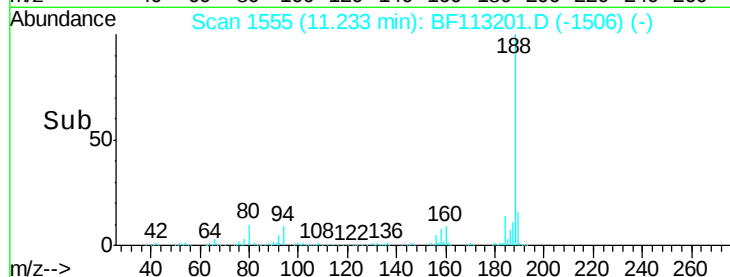
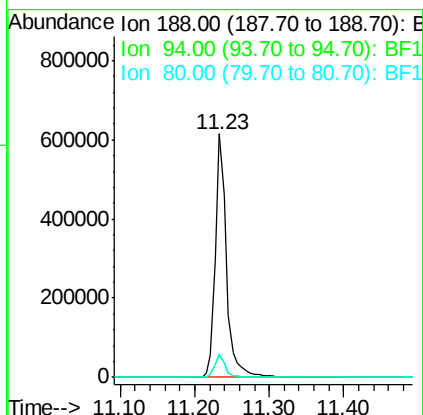
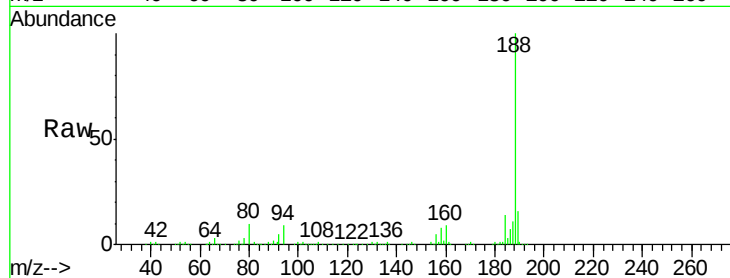




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.01 min
Lab File: BF113201.D
Acq: 21 Mar 2019 11:39

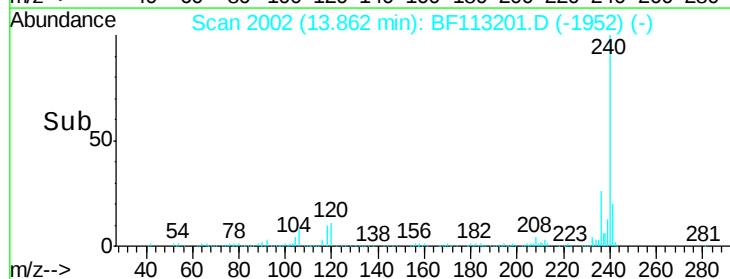
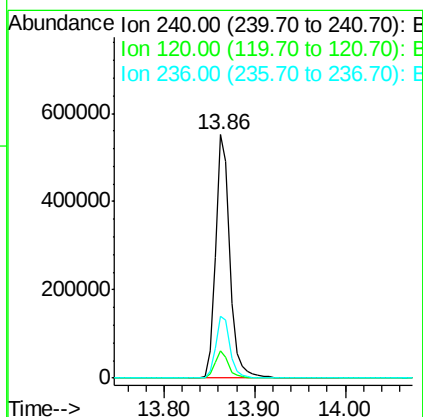
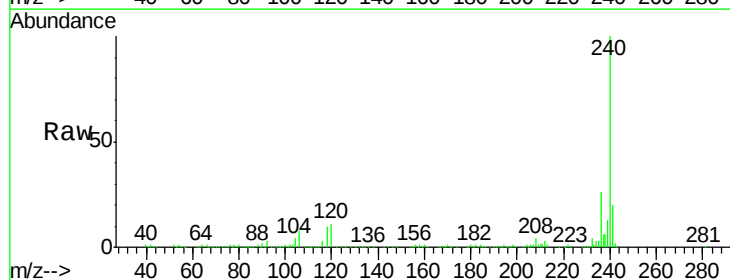
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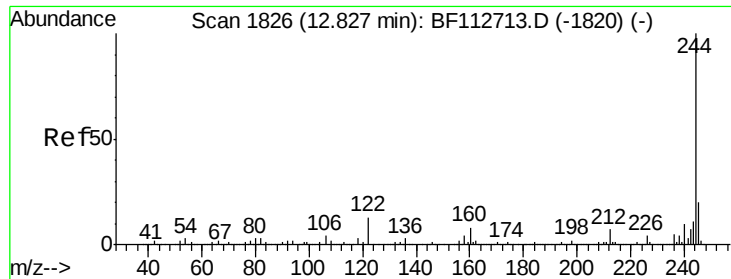
Tgt Ion:188 Resp: 633257
Ion Ratio Lower Upper
188 100
94 9.2 9.0 13.4
80 9.6 9.2 13.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.86 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF113201.D
Acq: 21 Mar 2019 11:39

Tgt Ion:240 Resp: 596003
Ion Ratio Lower Upper
240 100
120 11.4 8.9 13.3
236 25.6 20.7 31.1

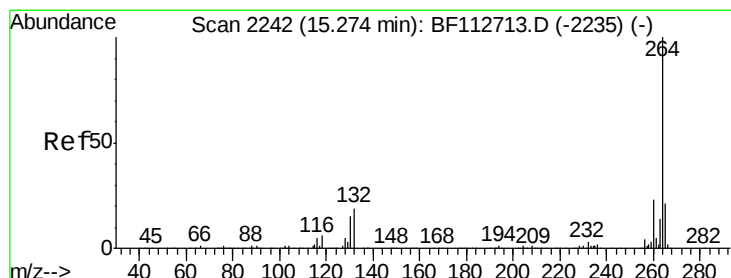
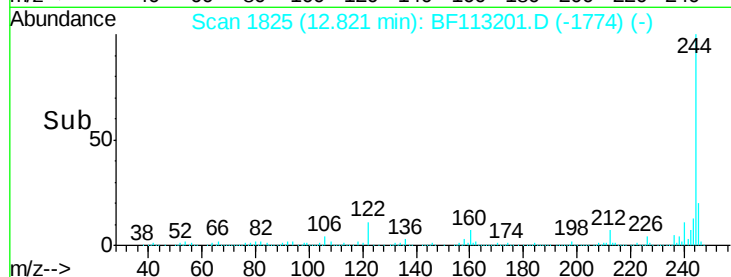
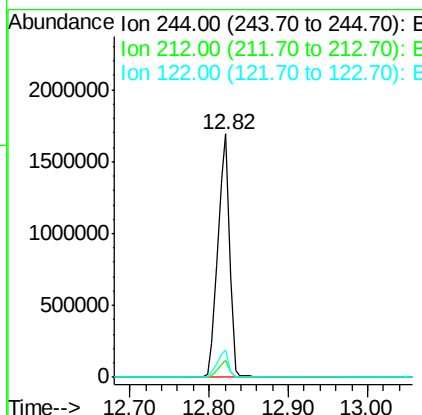
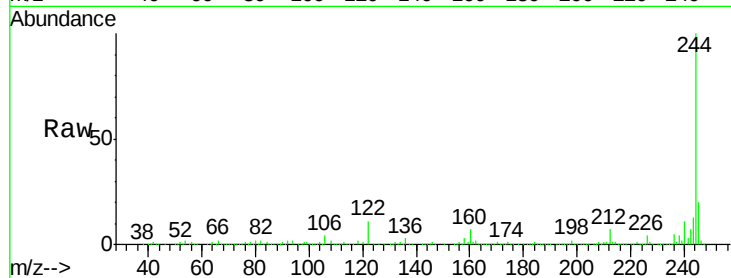




#79
 Terphenyl-d14
 Concen: 56.489 ng
 RT: 12.82 min Scan# 1825
 Delta R.T. -0.00 min
 Lab File: BF113201.D
 Acq: 21 Mar 2019 11:39

Instrument :
 BNA_F
 ClientSampleId :
 PB118085BL

Tgt Ion:244 Resp: 1736797
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 11.1 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: BF113201.D
 Acq: 21 Mar 2019 11:39

Tgt Ion:264 Resp: 552704
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.7 28.1
 265 21.9 17.2 25.8

