

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
 Data File : BF110004.D
 Acq On : 19 Oct 2018 16:01
 Operator : JU/SJ
 Sample : J5586-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LCS-5-WEST-DRAIN-PIPE

Quant Time: Oct 20 00:59:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 16 14:58:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	223090	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	871519	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	417819	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	772249	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	545459	20.00	ng	-0.02
87) Perylene-d12	15.67	264	381344	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	690826	49.09	ng	-0.01
7) Phenol-d6	6.58	99	544049	31.13	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1108665	85.69	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	430236	118.94	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	1980583	75.64	ng	-0.01
79) Terphenyl-d14	13.09	244	1911779	73.60	ng	-0.01

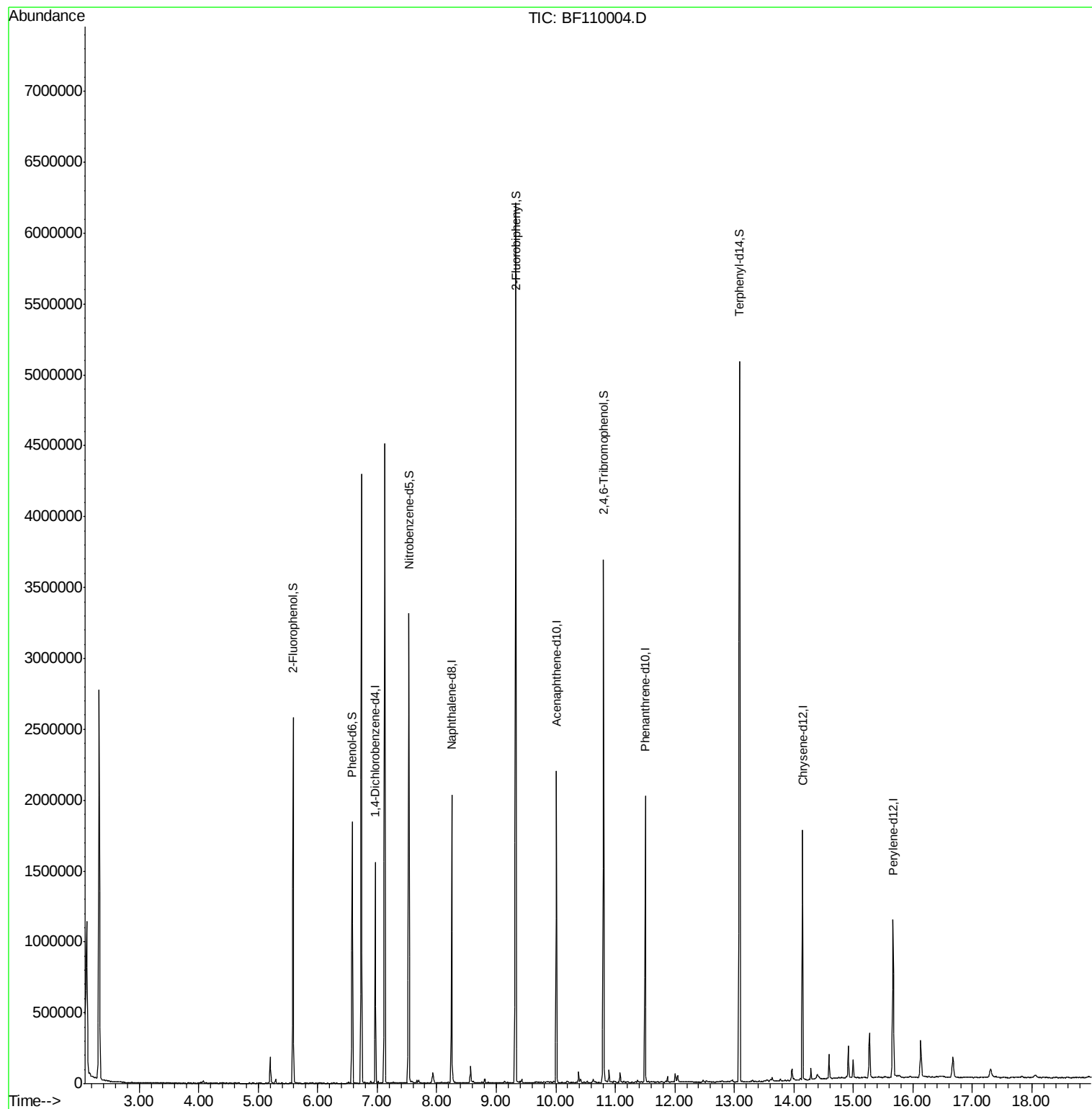
Target Compounds	Qvalue
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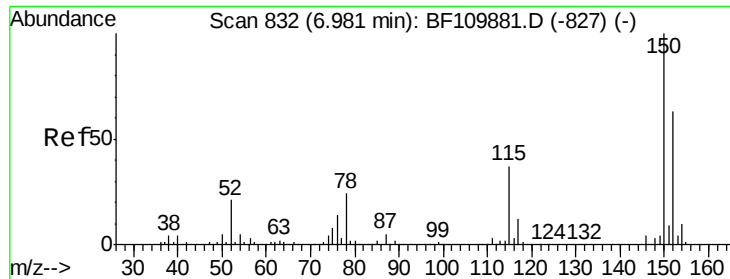
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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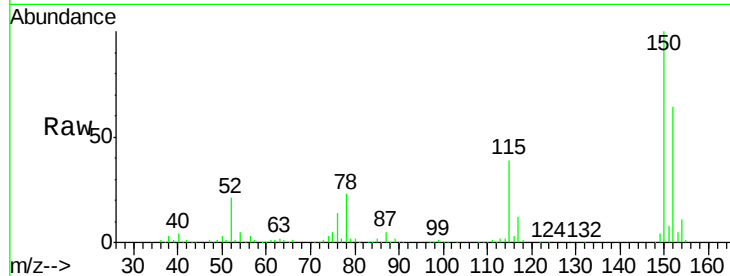


#1

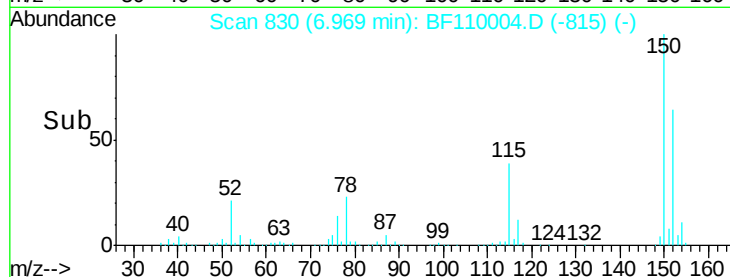
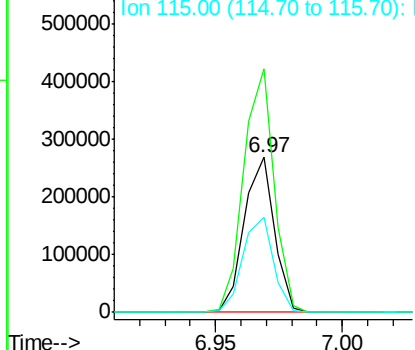
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110004.D
Acq: 19 Oct 2018 16:01

Instrument :
BNA_F
ClientSampleId :
LCS-5-WEST-DRAIN-PIPE

Tgt Ion:152 Resp: 223090
Ion Ratio Lower Upper
152 100
150 157.2 122.7 184.1
115 61.9 49.1 73.7



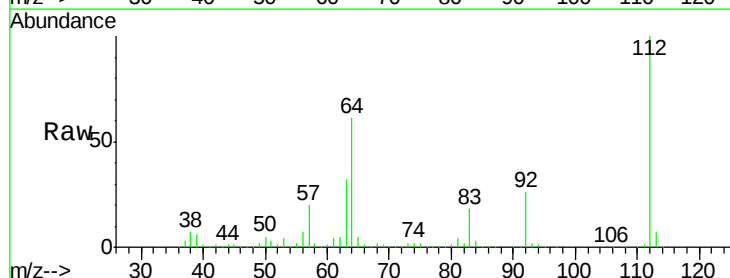
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



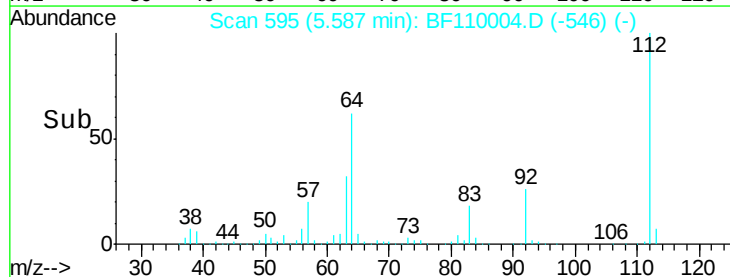
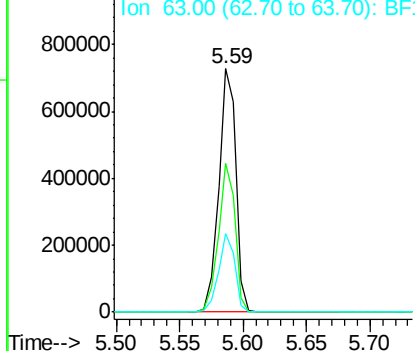
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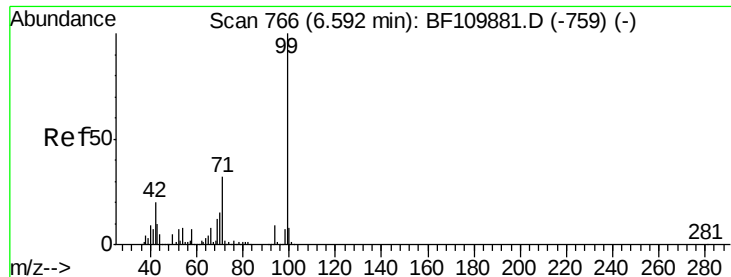
2-Fluorophenol
Concen: 49.086 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110004.D
Acq: 19 Oct 2018 16:01

Tgt Ion:112 Resp: 690826
Ion Ratio Lower Upper
112 100
64 61.3 44.1 66.1
63 32.0 23.7 35.5



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: 31.131 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110004.D

Acq: 19 Oct 2018 16:01

Instrument :

BNA_F

ClientSampleId :

LCS-5-WEST-DRAIN-PIPE

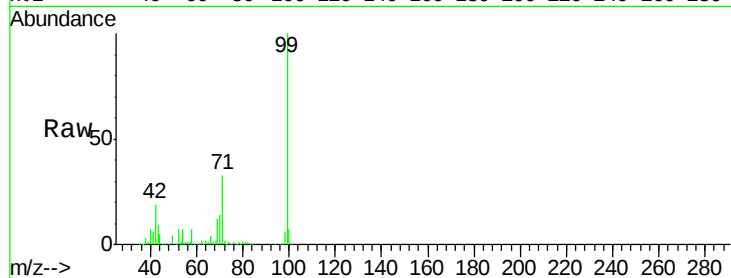
Tgt Ion: 99 Resp: 544049

Ion Ratio Lower Upper

99 100

42 18.6 15.8 23.6

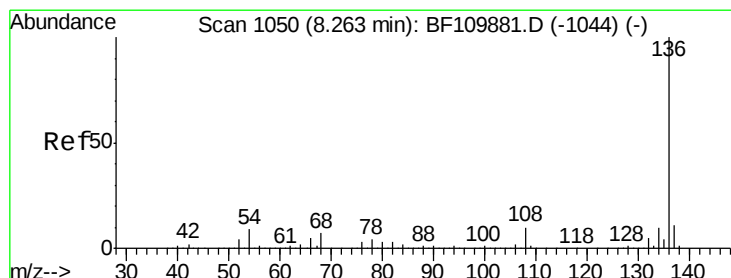
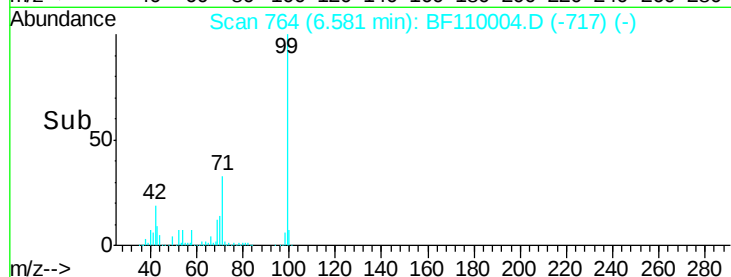
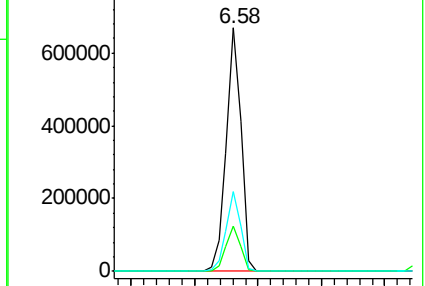
71 33.0 28.0 42.0



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: 8.25 min Scan# 1048

Delta R.T. -0.02 min

Lab File: BF110004.D

Acq: 19 Oct 2018 16:01

Tgt Ion: 136 Resp: 871519

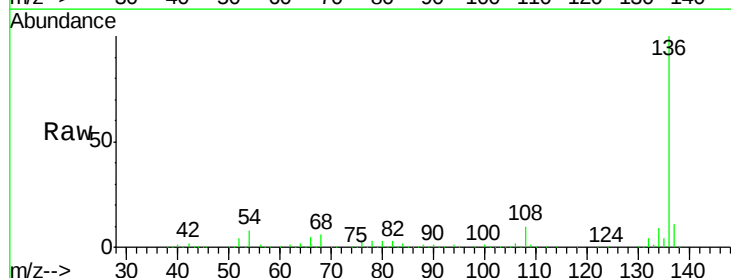
Ion Ratio Lower Upper

136 100

137 11.5 8.8 13.2

54 8.3 5.4 8.2#

68 6.0 4.2 6.2

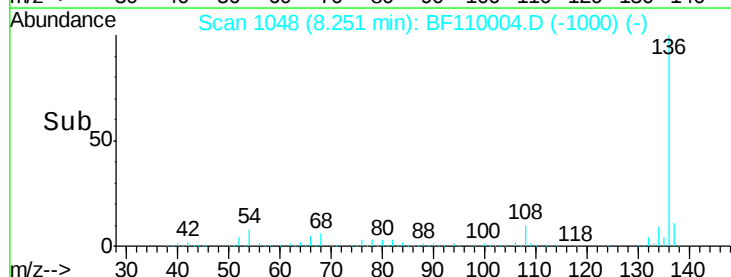
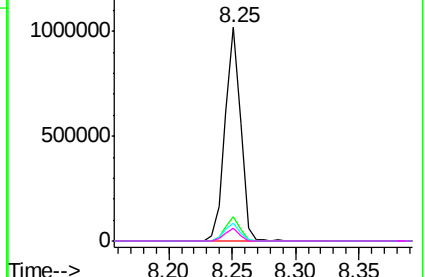


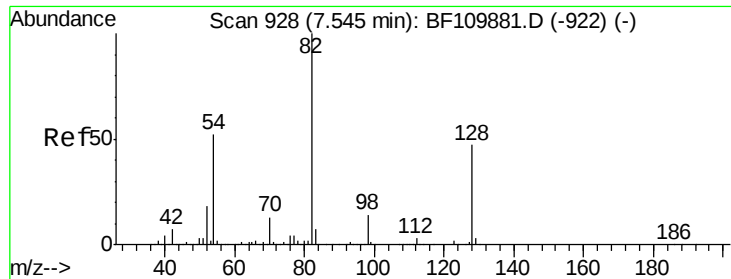
Abundance Ion 136.00 (135.70 to 136.70): E

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

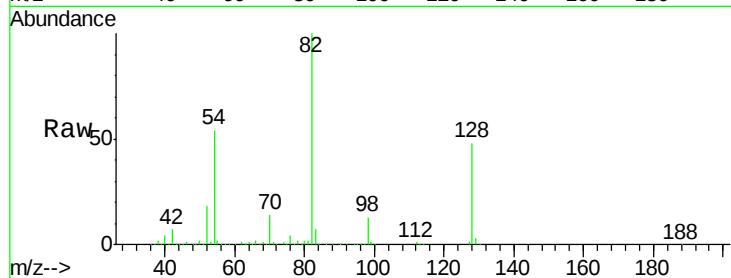




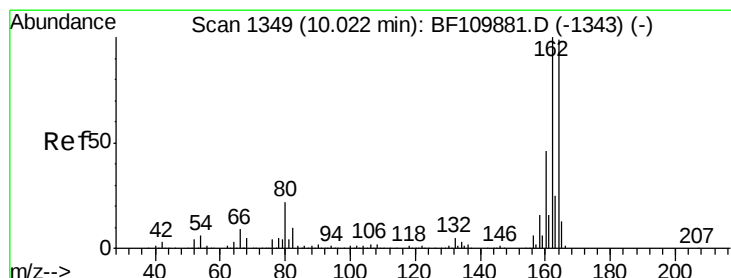
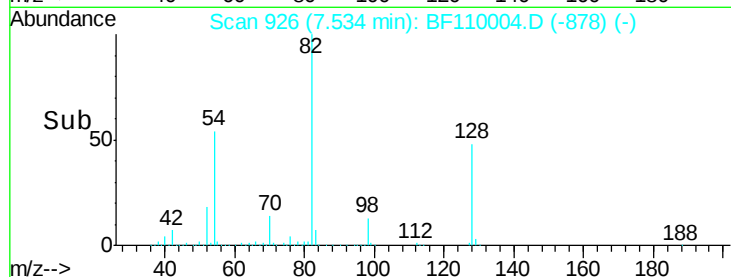
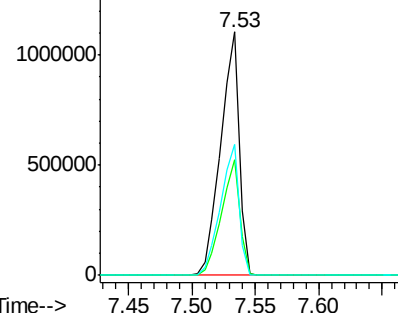
#23
Nitrobenzene-d5
Concen: 85.694 ng
RT: 7.53 min Scan# 926
Delta R.T. -0.02 min
Lab File: BF110004.D
Acq: 19 Oct 2018 16:01

Instrument :
BNA_F
ClientSampleId :
LCS-5-WEST-DRAIN-PIPE

Tgt Ion: 82 Resp: 1108665
Ion Ratio Lower Upper
82 100
128 47.5 34.2 51.2
54 53.6 38.6 58.0

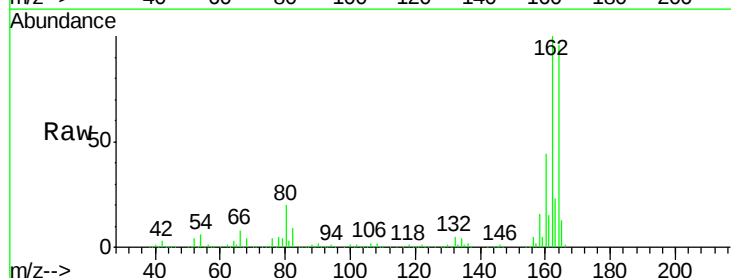


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

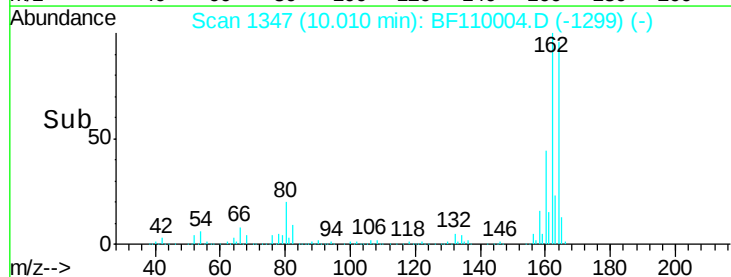
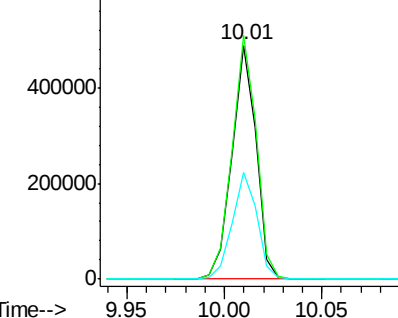


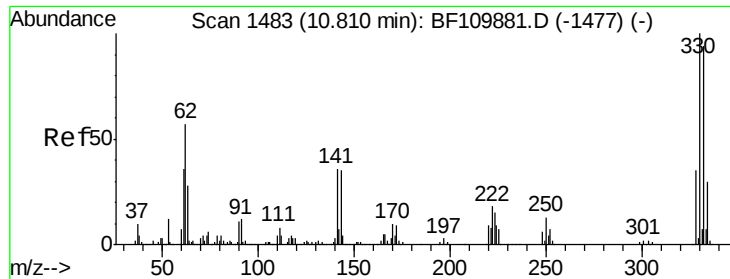
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1347
Delta R.T. -0.02 min
Lab File: BF110004.D
Acq: 19 Oct 2018 16:01

Tgt Ion: 164 Resp: 417819
Ion Ratio Lower Upper
164 100
162 104.1 83.0 124.6
160 45.7 37.0 55.6



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

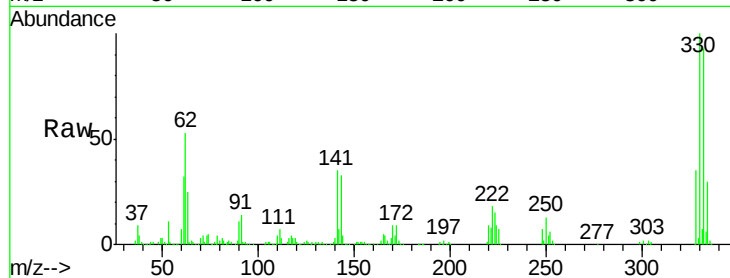




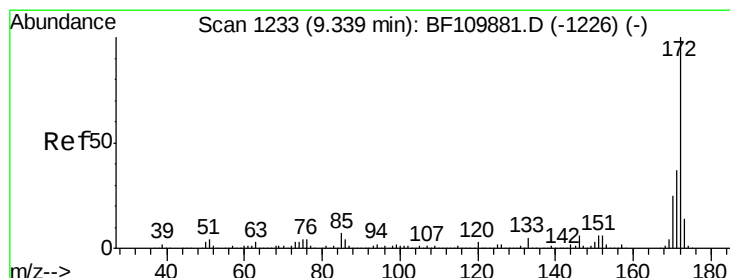
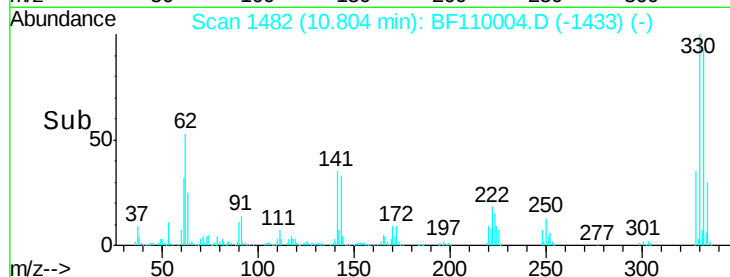
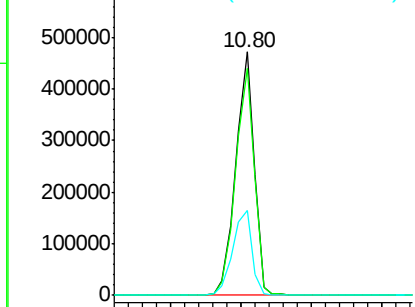
#42
 2,4,6-Tribromophenol
 Concen: 118.936 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110004.D
 Acq: 19 Oct 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 LCS-5-WEST-DRAIN-PIPE

Tgt Ion:330 Resp: 430236
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.1 115.7
 141 36.6 27.0 40.4

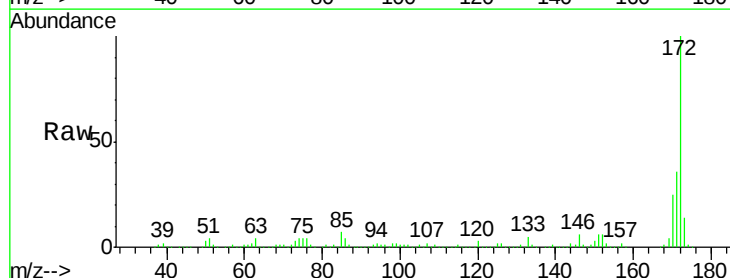


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

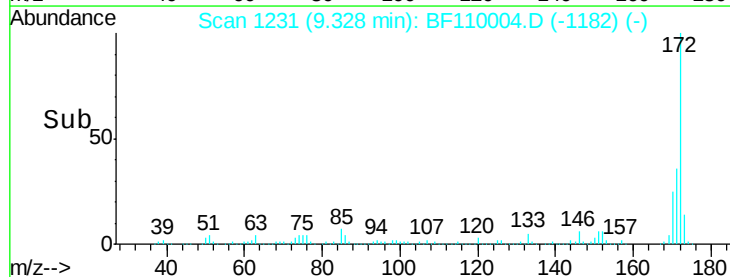
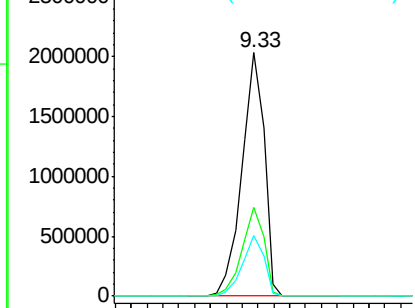


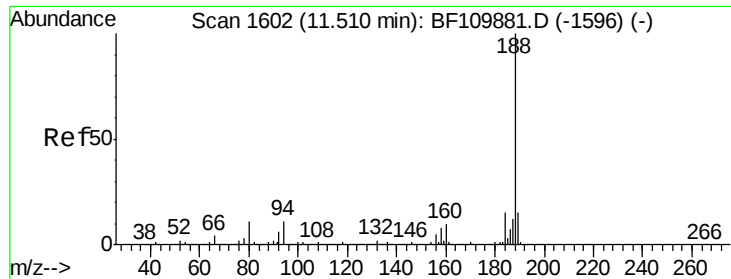
#45
 2-Fluorobiphenyl
 Concen: 75.639 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110004.D
 Acq: 19 Oct 2018 16:01

Tgt Ion:172 Resp: 1980583
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 43.0
 170 24.7 19.7 29.5



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

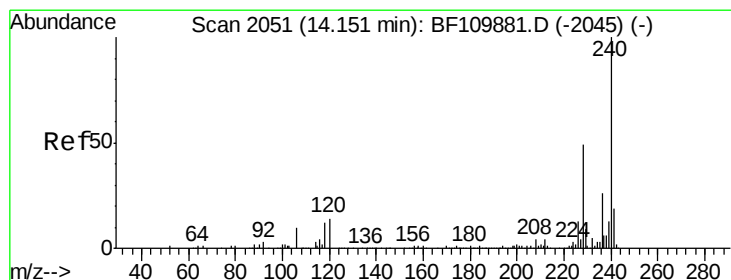
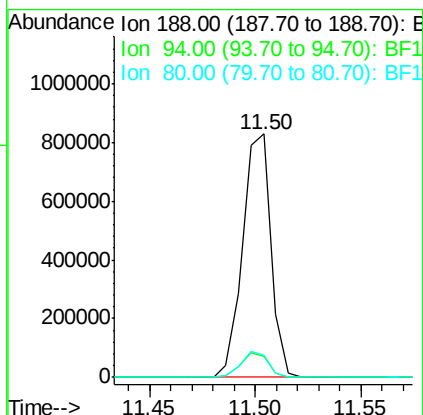
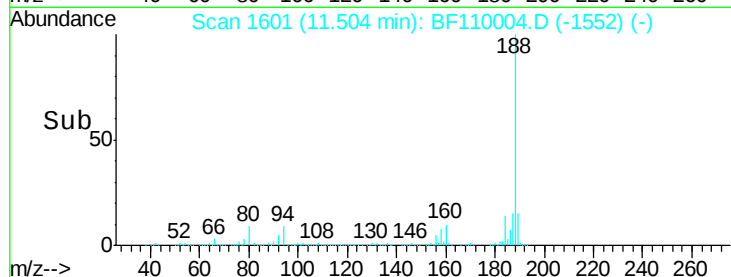
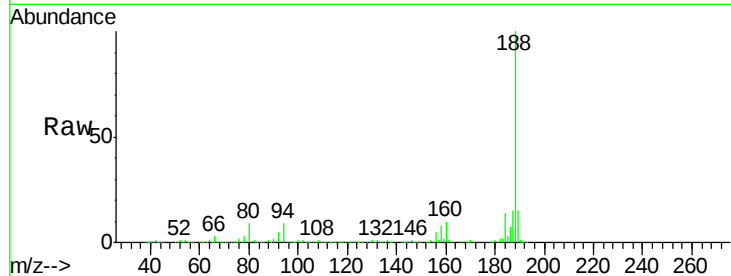




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110004.D
Acq: 19 Oct 2018 16:01

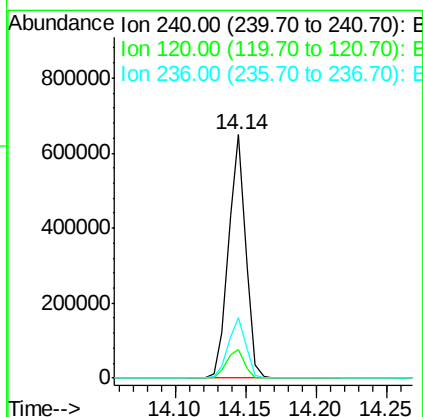
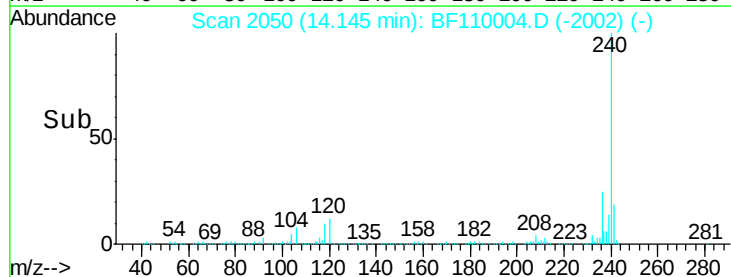
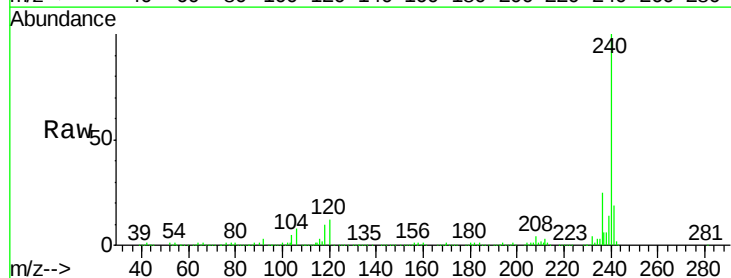
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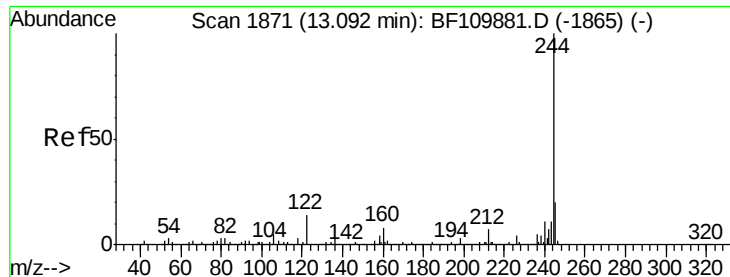
Tgt Ion:188 Resp: 772249
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 8.9 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110004.D
Acq: 19 Oct 2018 16:01

Tgt Ion:240 Resp: 545459
Ion Ratio Lower Upper
240 100
120 11.6 8.3 12.5
236 24.9 21.2 31.8

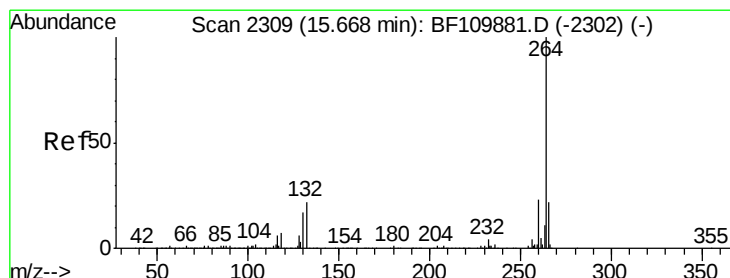
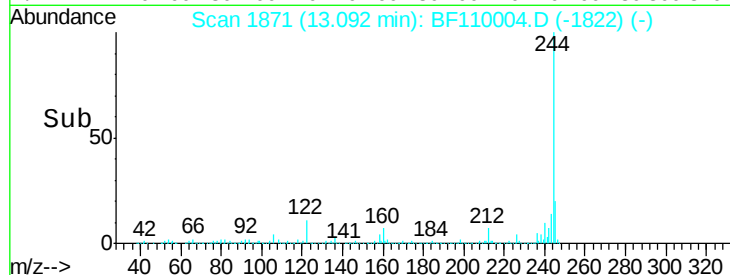
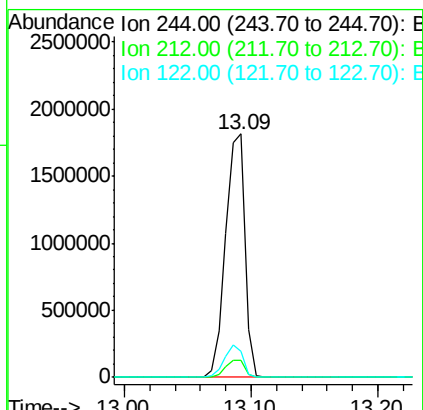
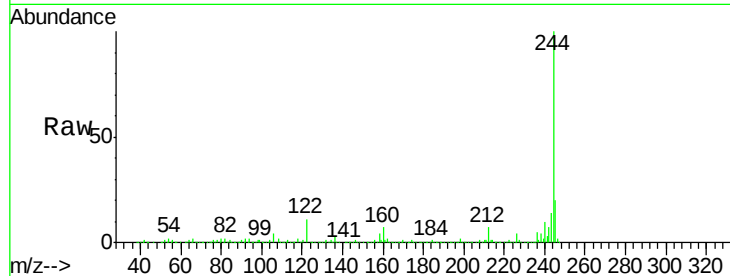




#79
 Terphenyl-d14
 Concen: 73.600 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF110004.D
 Acq: 19 Oct 2018 16:01

Instrument :
 BNA_F
 ClientSampleId :
 LCS-5-WEST-DRAIN-PIPE

Tgt Ion:244 Resp: 1911779
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 10.9 8.7 13.1



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.67 min Scan# 2309
 Delta R.T. -0.02 min
 Lab File: BF110004.D
 Acq: 19 Oct 2018 16:01

Tgt Ion:264 Resp: 381344
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.7 28.1
 265 21.3 16.7 25.1

