

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
 Data File : BF110009.D
 Acq On : 19 Oct 2018 18:15
 Operator : JU/SJ
 Sample : J5593-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101718-TIPC-E-U-M

Quant Time: Oct 20 01:28:45 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	212459	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	885303	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	414607	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	754349	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	523142	20.00	ng	-0.02
87) Perylene-d12	15.67	264	369939	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	484888	36.18	ng	-0.01
7) Phenol-d6	6.58	99	375083	22.54	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1261973	96.03	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	310174	86.41	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	2209831	85.05	ng	-0.01
79) Terphenyl-d14	13.09	244	1980459	79.50	ng	-0.01

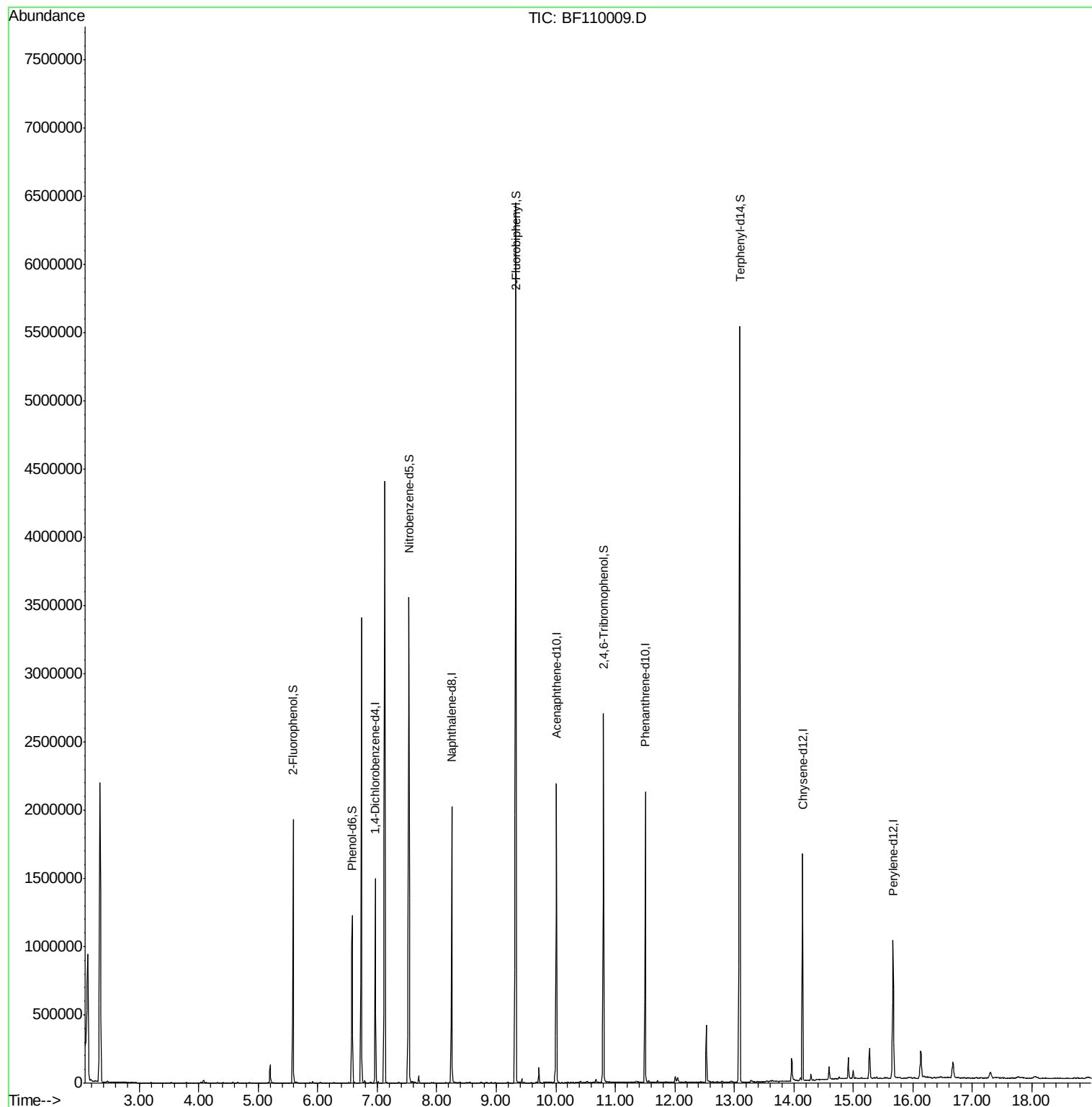
Target Compounds	Qvalue
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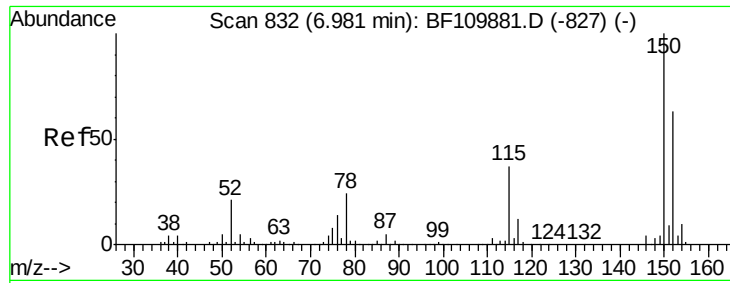
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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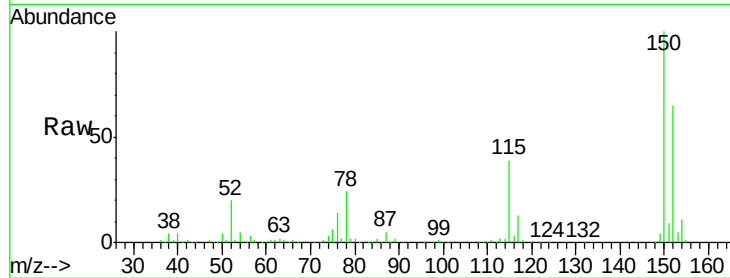




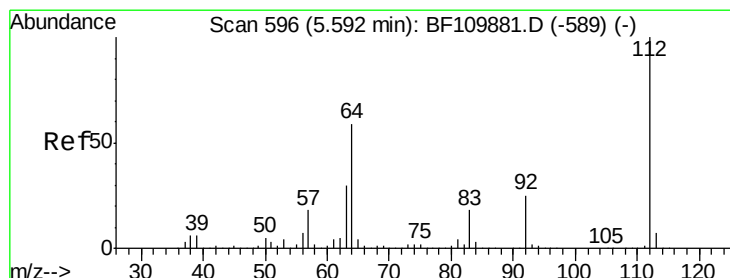
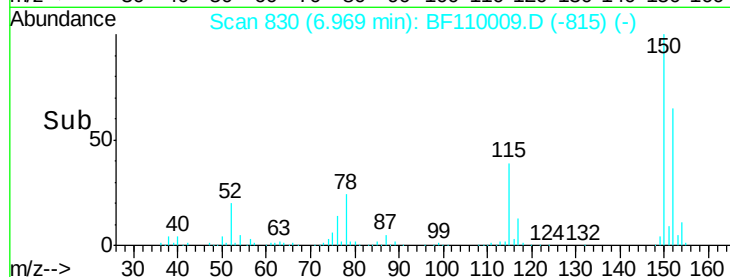
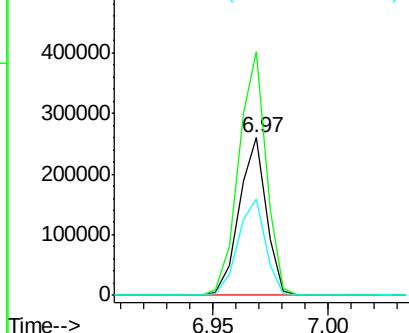
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110009.D
 Acq: 19 Oct 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :
 101718-TIPC-E-U-M

Tgt Ion:152 Resp: 212459
 Ion Ratio Lower Upper
 152 100
 150 154.5 122.7 184.1
 115 60.8 49.1 73.7

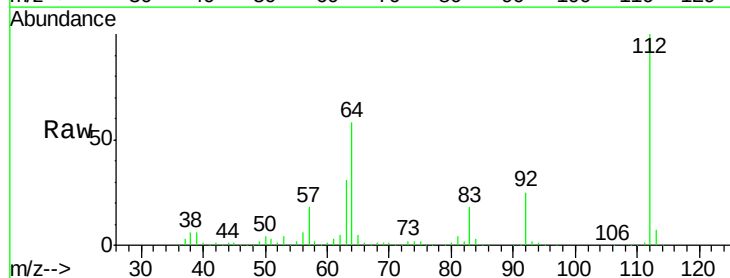


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

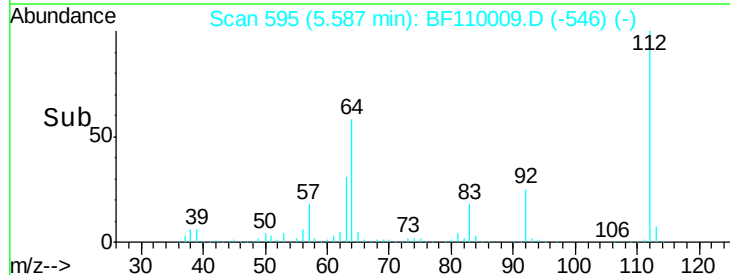
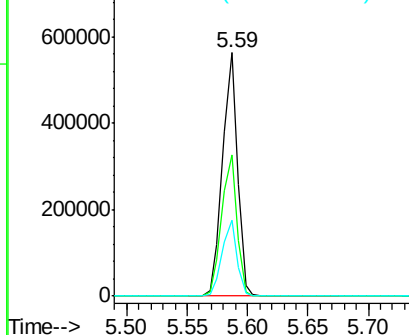


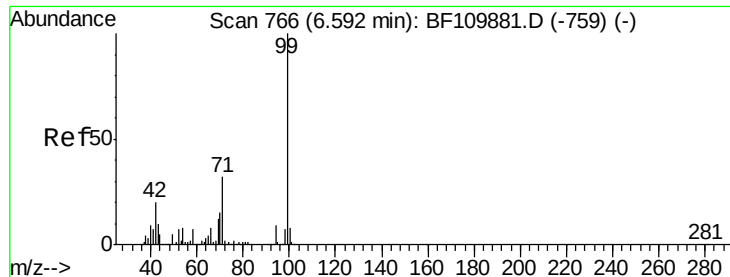
#5
 2-Fluorophenol
 Concen: 36.177 ng
 RT: 5.59 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF110009.D
 Acq: 19 Oct 2018 18:15

Tgt Ion:112 Resp: 484888
 Ion Ratio Lower Upper
 112 100
 64 58.1 44.1 66.1
 63 31.3 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: 22.537 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110009.D

Acq: 19 Oct 2018 18:15

Instrument :

BNA_F

ClientSampleId :

101718-TIPC-E-U-M

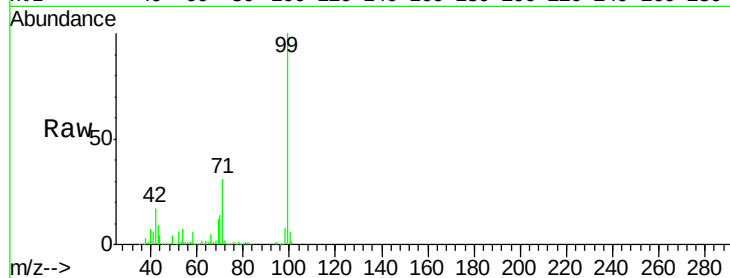
Tgt Ion: 99 Resp: 375083

Ion Ratio Lower Upper

99 100

42 17.0 15.8 23.6

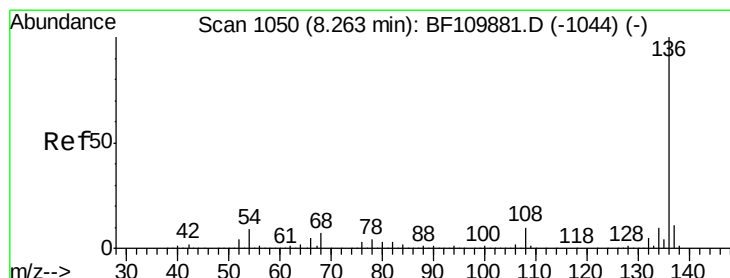
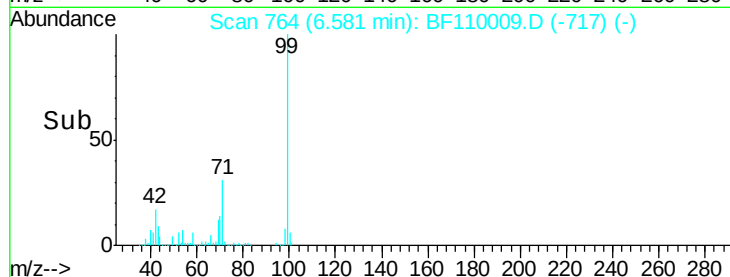
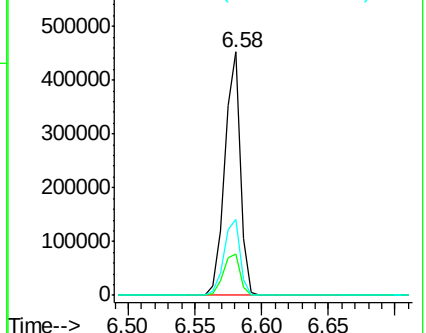
71 31.4 28.0 42.0



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: BF110009.D

Acq: 19 Oct 2018 18:15

Tgt Ion: 136 Resp: 885303

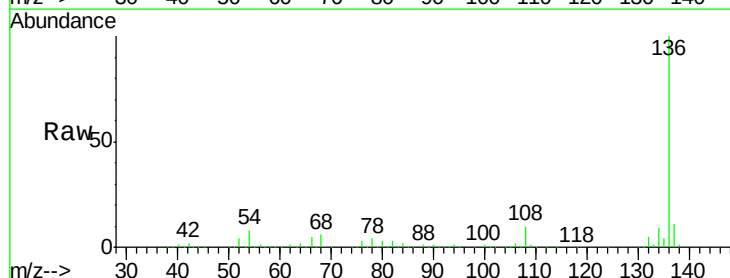
Ion Ratio Lower Upper

136 100

137 11.2 8.8 13.2

54 8.1 5.4 8.2

68 5.6 4.2 6.2

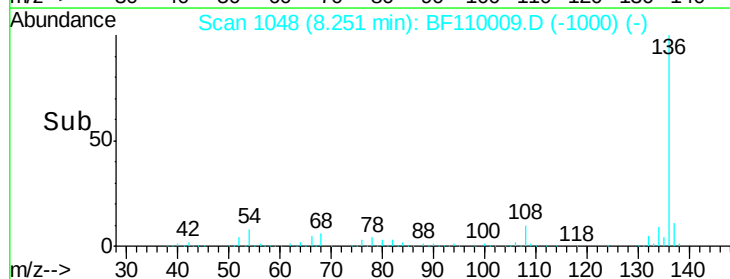
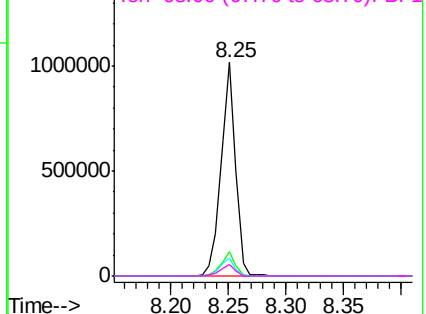


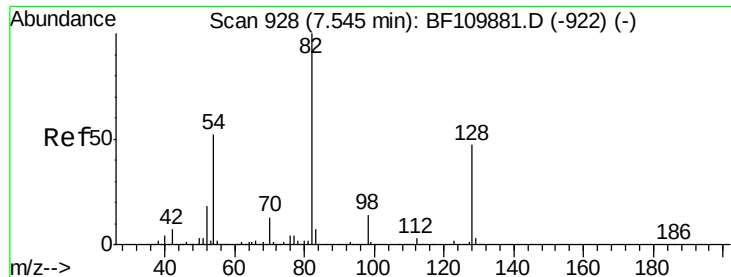
Abundance Ion 136.00 (135.70 to 136.70): E

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: 96.025 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF110009.D

Acq: 19 Oct 2018 18:15

Instrument :

BNA_F

ClientSampleId :

101718-TIPC-E-U-M

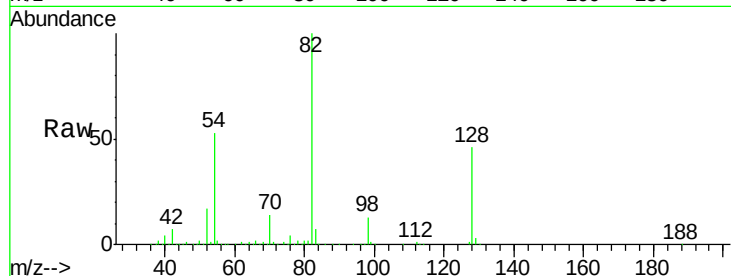
Tgt Ion: 82 Resp: 1261973

Ion Ratio Lower Upper

82 100

128 45.7 34.2 51.2

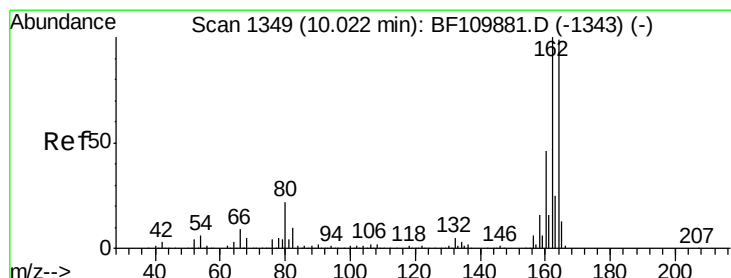
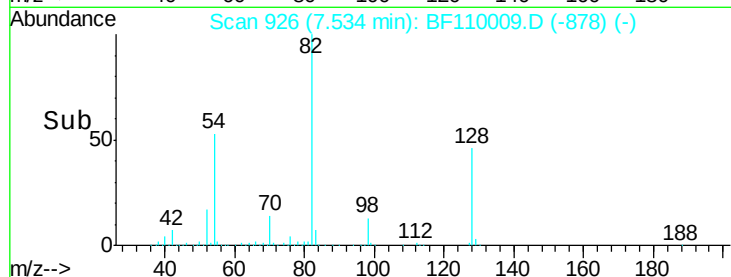
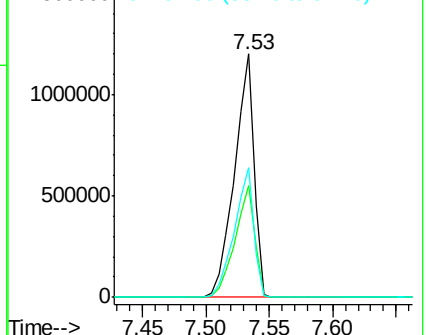
54 53.2 38.6 58.0



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: BF110009.D

Acq: 19 Oct 2018 18:15

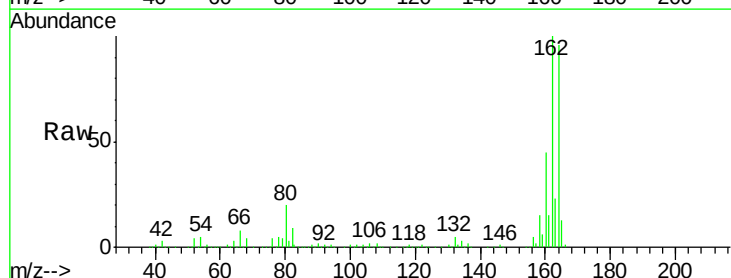
Tgt Ion: 164 Resp: 414607

Ion Ratio Lower Upper

164 100

162 104.0 83.0 124.6

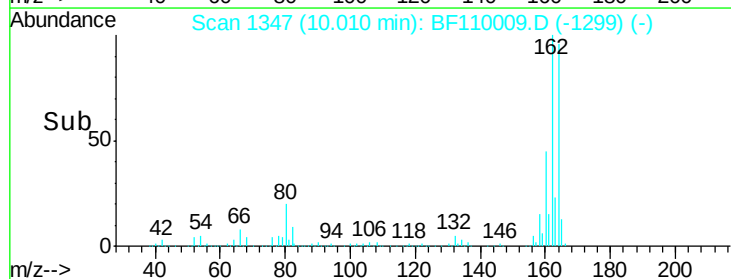
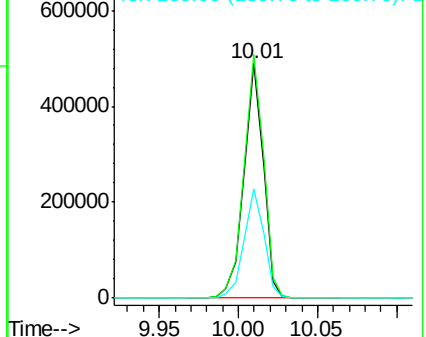
160 46.4 37.0 55.6

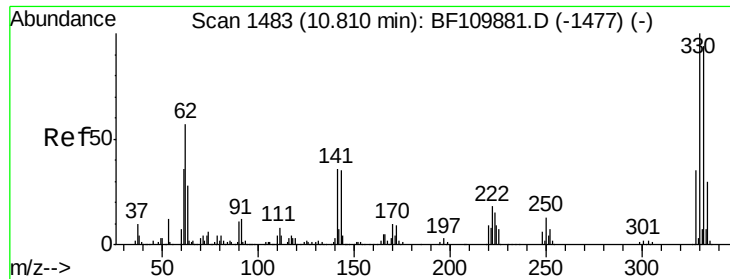


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

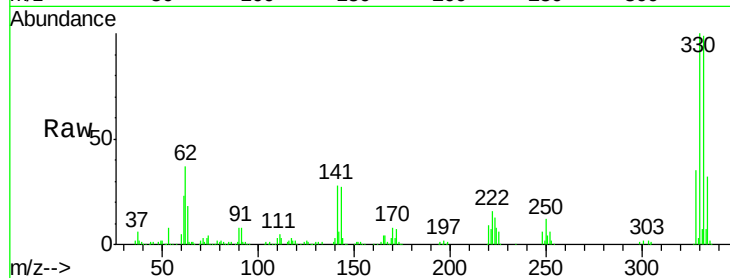




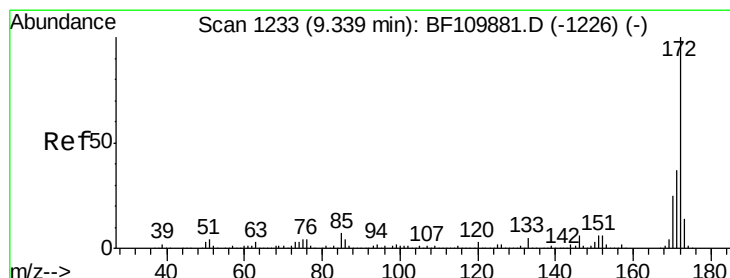
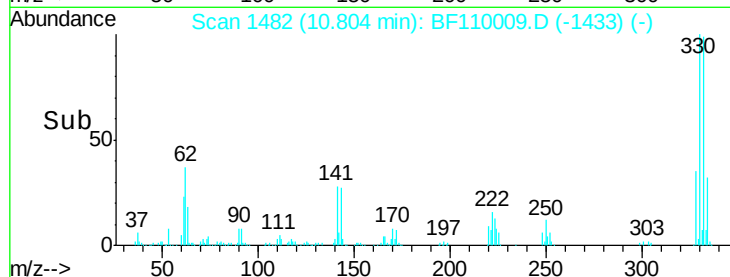
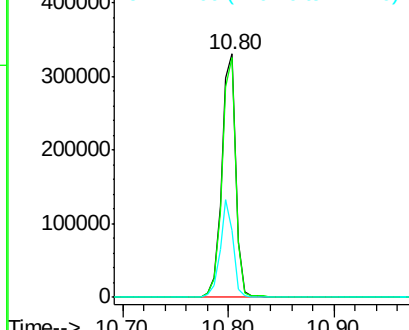
#42
 2,4,6-Tribromophenol
 Concen: 86.410 ng
 RT: 10.80 min Scan# 1482
 Delta R.T. -0.01 min
 Lab File: BF110009.D
 Acq: 19 Oct 2018 18:15

Instrument :
 BNA_F
 ClientSampleId :
 101718-TIPC-E-U-M

Tgt Ion:330 Resp: 310174
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.1 115.7
 141 37.1 27.0 40.4

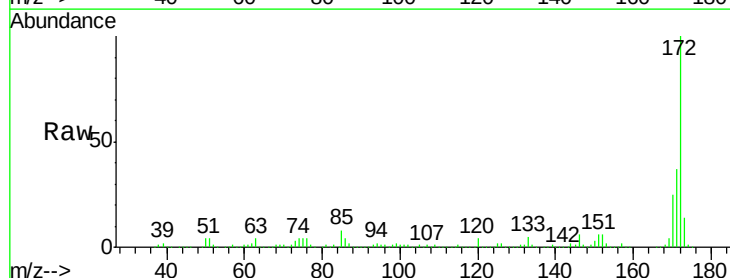


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

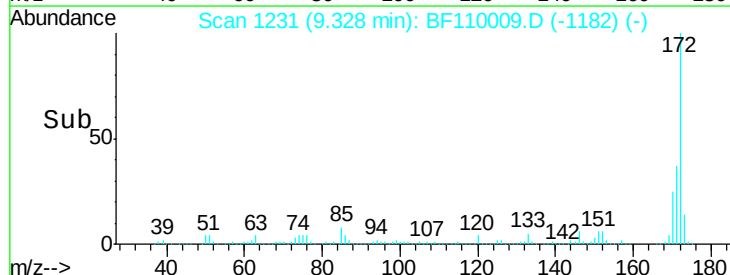
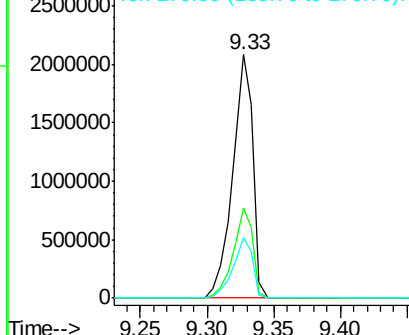


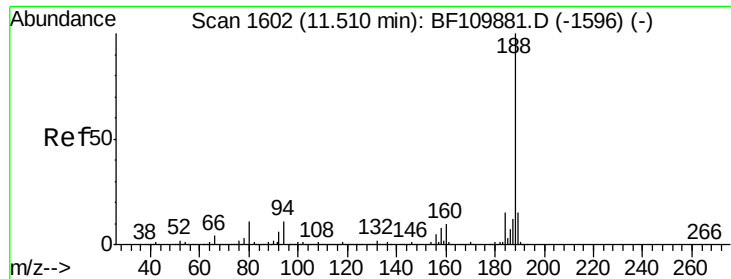
#45
 2-Fluorobiphenyl
 Concen: 85.047 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110009.D
 Acq: 19 Oct 2018 18:15

Tgt Ion:172 Resp: 2209831
 Ion Ratio Lower Upper
 172 100
 171 37.1 28.6 43.0
 170 24.9 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

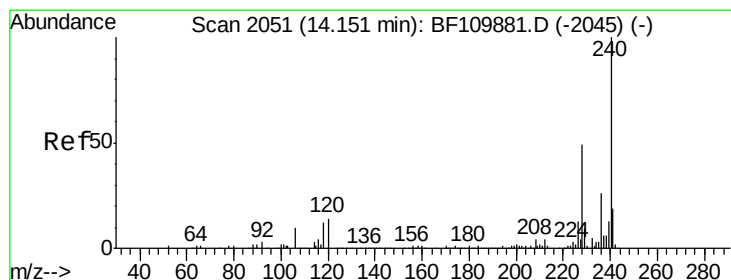
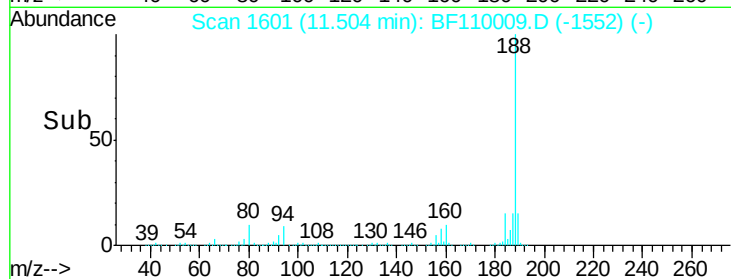
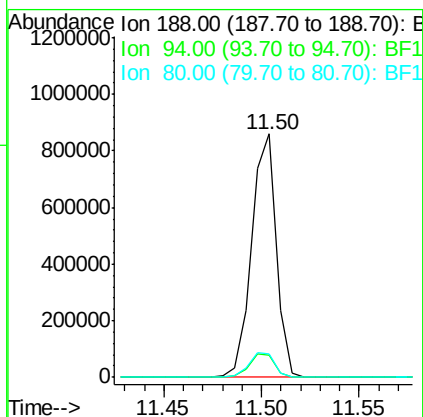
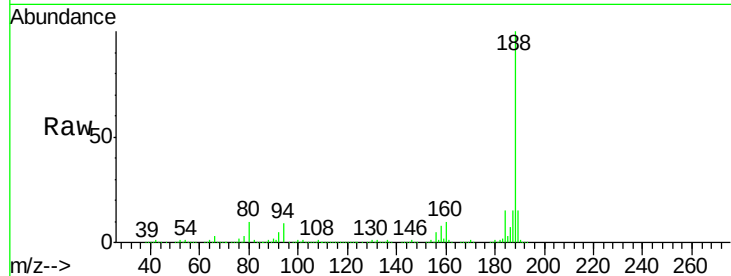




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110009.D
Acq: 19 Oct 2018 18:15

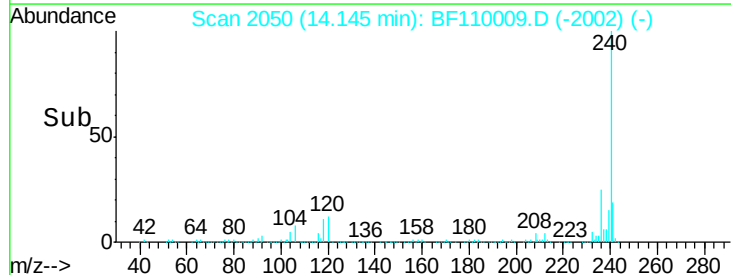
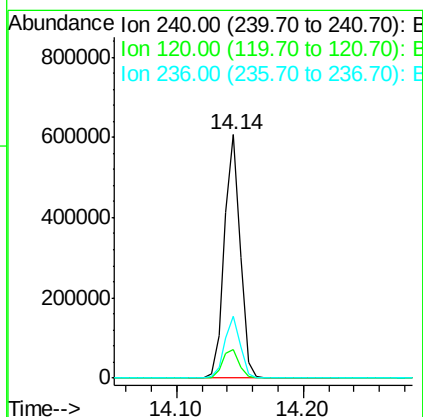
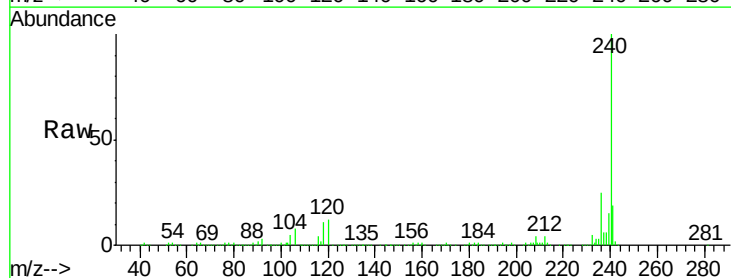
Instrument :
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101718-TIPC-E-U-M

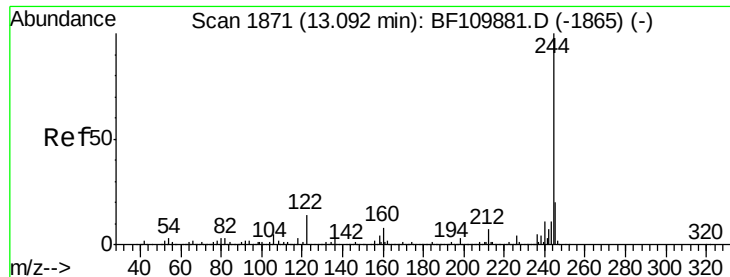
Tgt Ion:188 Resp: 754349
Ion Ratio Lower Upper
188 100
94 8.9 7.2 10.8
80 9.7 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110009.D
Acq: 19 Oct 2018 18:15

Tgt Ion:240 Resp: 523142
Ion Ratio Lower Upper
240 100
120 11.8 8.3 12.5
236 25.5 21.2 31.8





#79

Terphenyl-d14

Concen: 79.497 ng

RT: 13.09 min Scan# 1871

Delta R.T. -0.01 min

Lab File: BF110009.D

Acq: 19 Oct 2018 18:15

Instrument :

BNA_F

ClientSampleId :

101718-TIPC-E-U-M

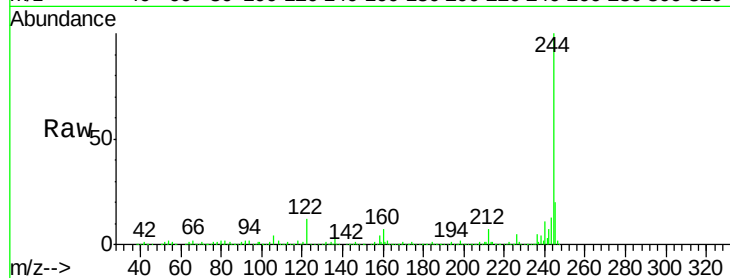
Tgt Ion:244 Resp: 1980459

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

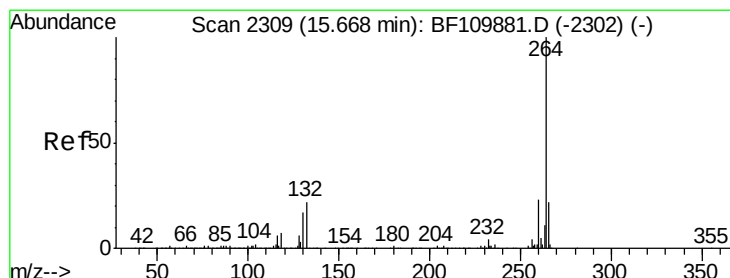
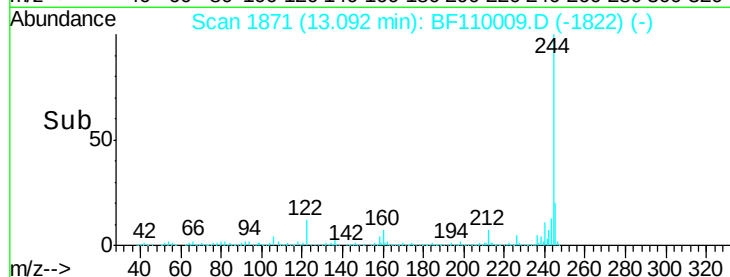
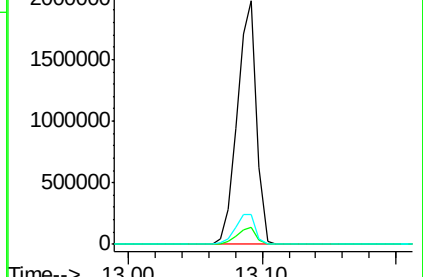
122 12.0 8.7 13.1



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.67 min Scan# 2309

Delta R.T. -0.02 min

Lab File: BF110009.D

Acq: 19 Oct 2018 18:15

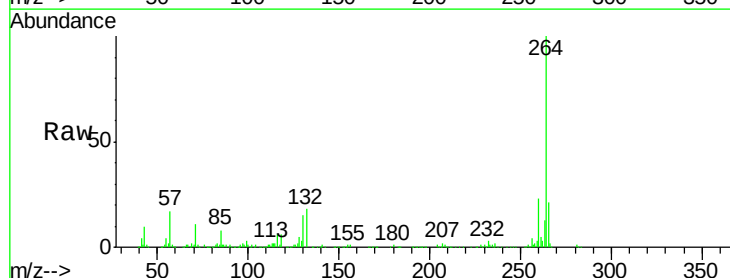
Tgt Ion:264 Resp: 369939

Ion Ratio Lower Upper

264 100

260 23.0 18.7 28.1

265 21.4 16.7 25.1



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

