

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF101918\
 Data File : BF110008.D
 Acq On : 19 Oct 2018 17:48
 Operator : JU/SJ
 Sample : J5593-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Oct 20 01:26:57 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	228899	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	954641	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	446264	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	783020	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	532952	20.00	ng	-0.02
87) Perylene-d12	15.67	264	375682	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	540352	37.42	ng	-0.01
7) Phenol-d6	6.58	99	409291	22.83	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1458645	102.93	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	359813	93.13	ng	-0.01
45) 2-Fluorobiphenyl	9.33	172	2435729	87.09	ng	-0.01
79) Terphenyl-d14	13.09	244	2142745	84.43	ng	-0.01

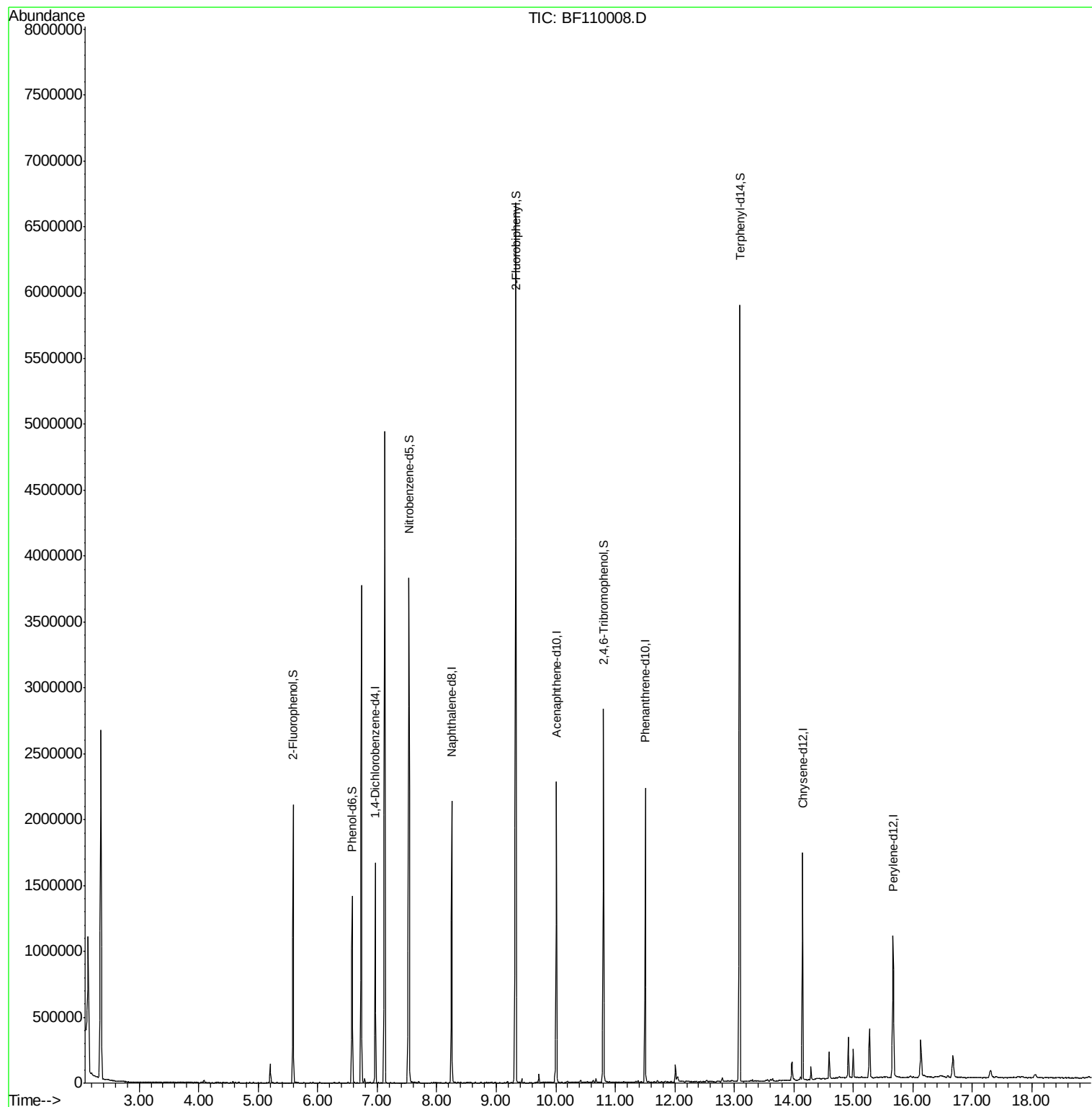
Target Compounds	Qvalue
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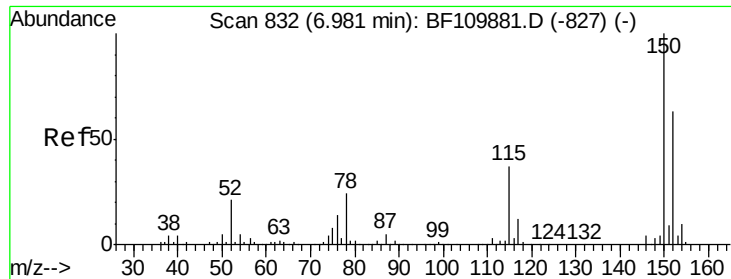
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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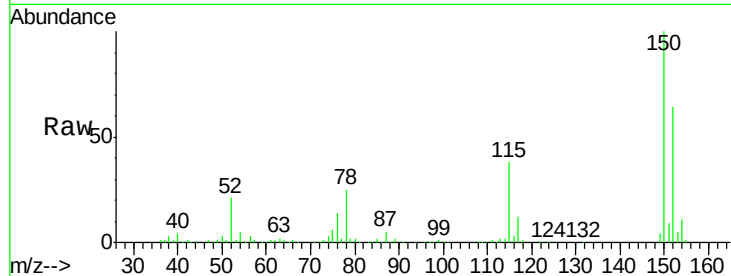




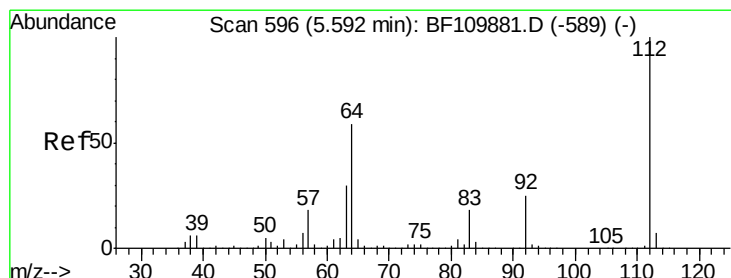
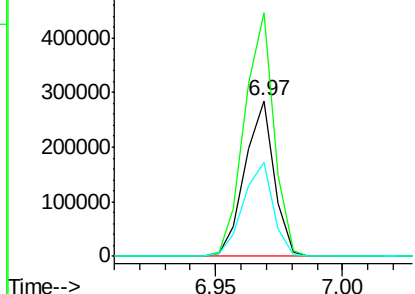
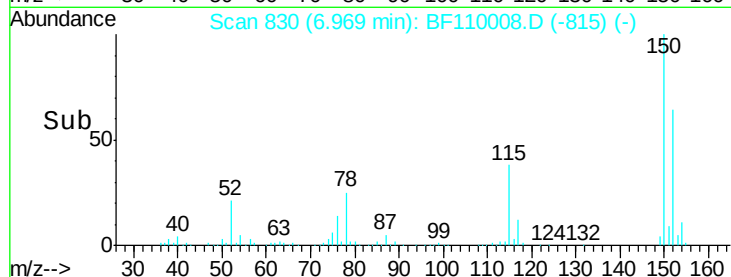
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BF110008.D
 Acq: 19 Oct 2018 17:48

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

Tgt Ion:152 Resp: 228899
 Ion Ratio Lower Upper
 152 100
 150 156.7 122.7 184.1
 115 60.1 49.1 73.7

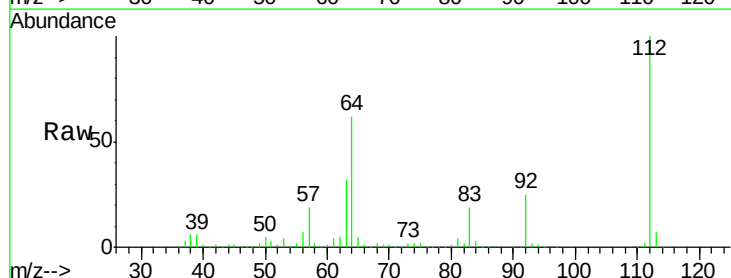


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

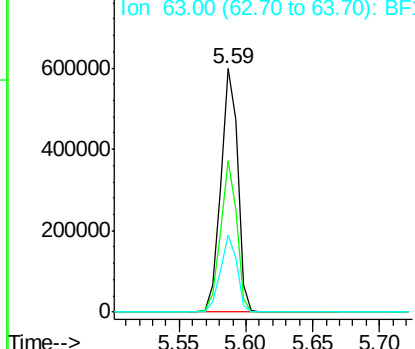
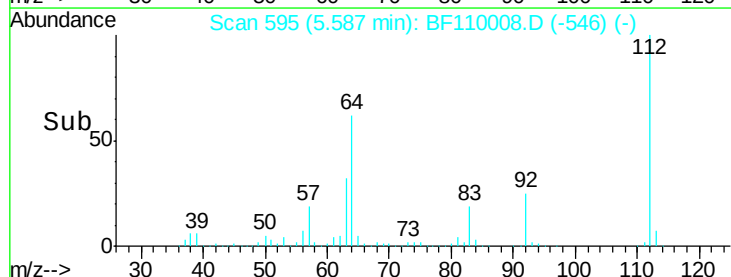


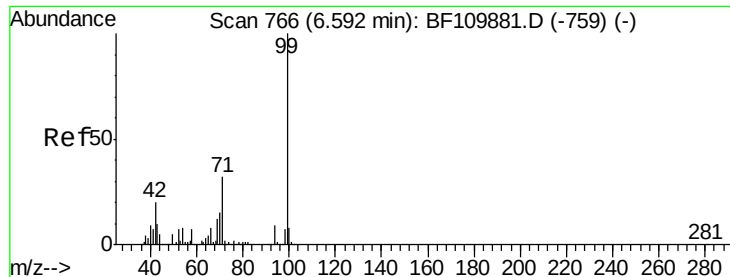
#5
 2-Fluorophenol
 Concen: 37.420 ng
 RT: 5.59 min Scan# 595
 Delta R.T. -0.01 min
 Lab File: BF110008.D
 Acq: 19 Oct 2018 17:48

Tgt Ion:112 Resp: 540352
 Ion Ratio Lower Upper
 112 100
 64 62.1 44.1 66.1
 63 31.8 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: 22.826 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110008.D

Acq: 19 Oct 2018 17:48

Instrument :

BNA_F

ClientSampleId :

101718-TIPC-E-D-M

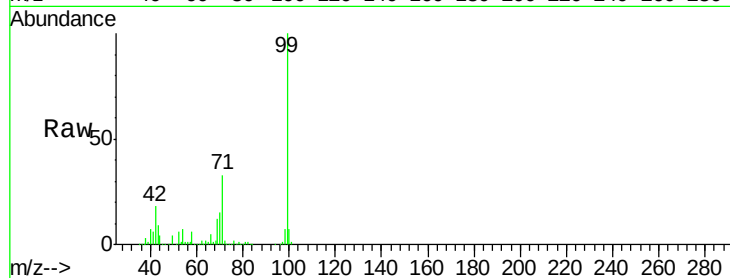
Tgt Ion: 99 Resp: 409291

Ion Ratio Lower Upper

99 100

42 18.5 15.8 23.6

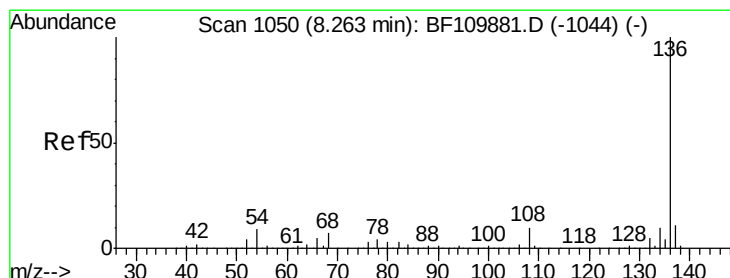
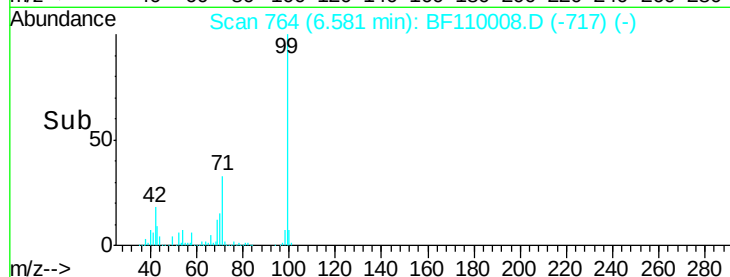
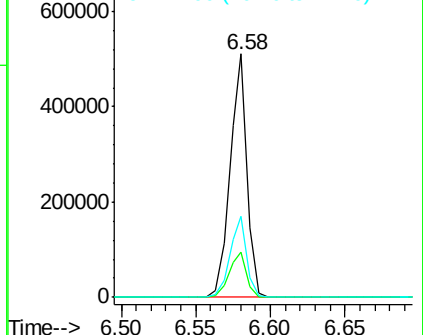
71 33.2 28.0 42.0



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: BF110008.D

Acq: 19 Oct 2018 17:48

Tgt Ion: 136 Resp: 954641

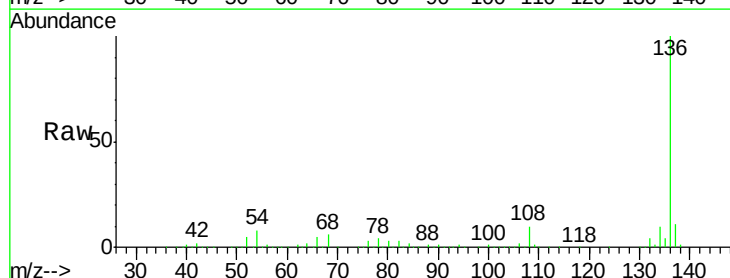
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 8.1 5.4 8.2

68 5.8 4.2 6.2

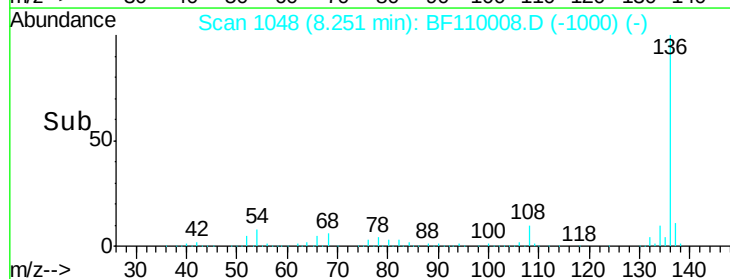
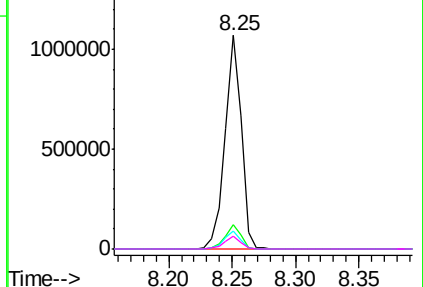


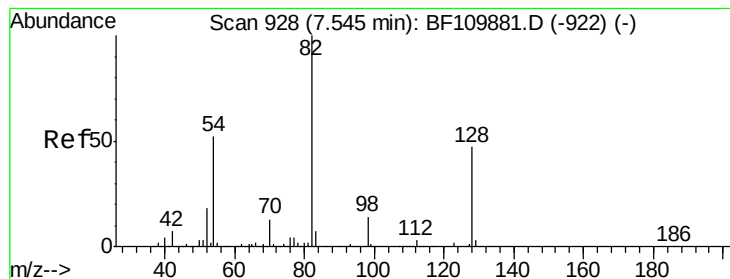
Abundance Ion 136.00 (135.70 to 136.70): E

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: 102.929 ng

RT: 7.53 min Scan# 926

Delta R.T. -0.02 min

Lab File: BF110008.D

Acq: 19 Oct 2018 17:48

Instrument :

BNA_F

ClientSampleId :

101718-TIPC-E-D-M

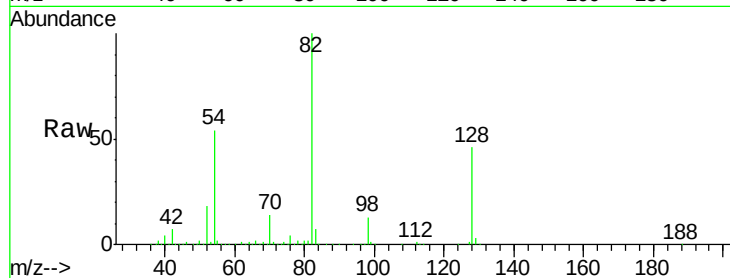
Tgt Ion: 82 Resp: 1458645

Ion Ratio Lower Upper

82 100

128 46.2 34.2 51.2

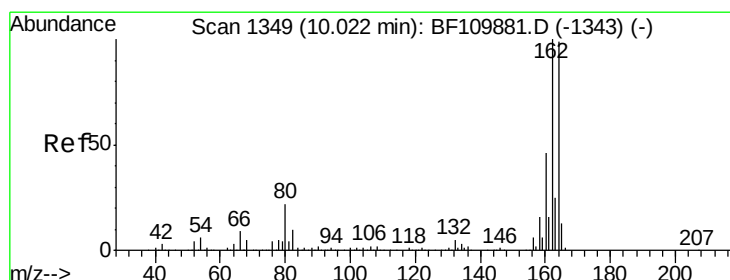
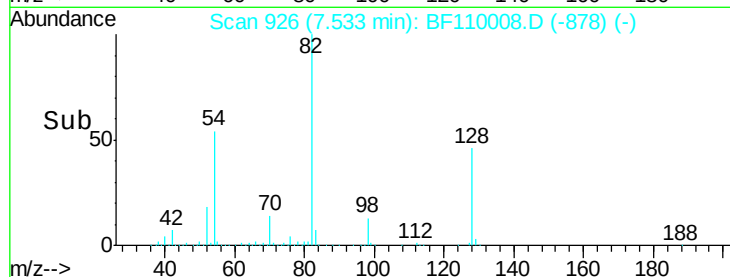
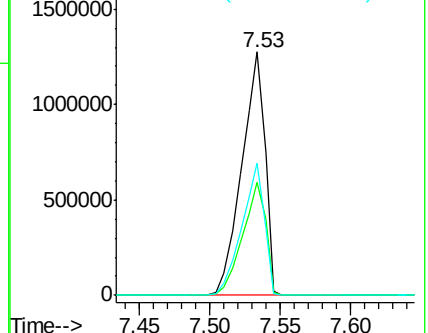
54 54.3 38.6 58.0



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: BF110008.D

Acq: 19 Oct 2018 17:48

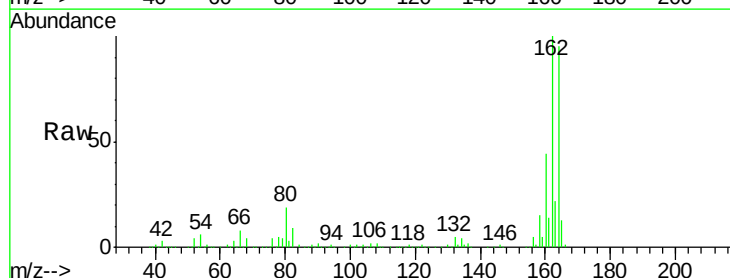
Tgt Ion: 164 Resp: 446264

Ion Ratio Lower Upper

164 100

162 104.9 83.0 124.6

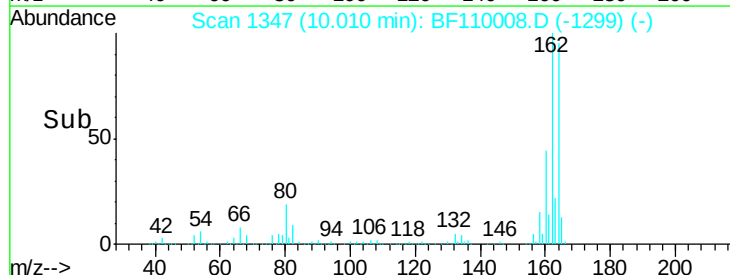
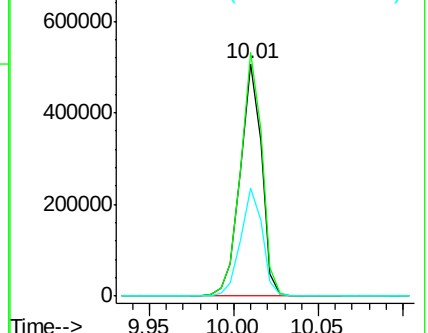
160 46.6 37.0 55.6

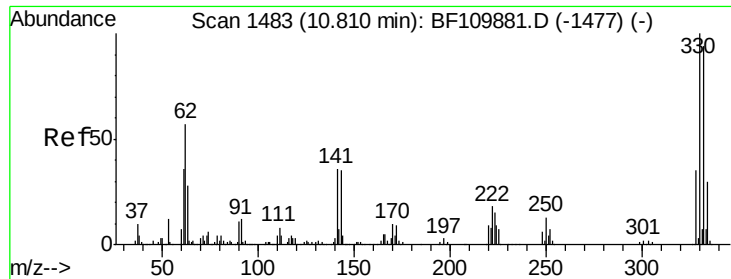


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1





#42

2,4,6-Tribromophenol

Concen: 93.128 ng

RT: 10.80 min Scan# 1482

Delta R.T. -0.01 min

Lab File: BF110008.D

Acq: 19 Oct 2018 17:48

Instrument :

BNA_F

ClientSampleId :

101718-TIPC-E-D-M

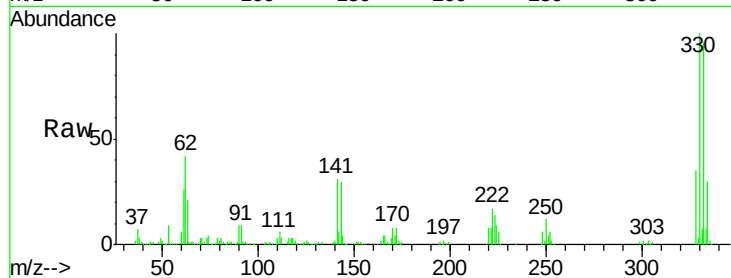
Tgt Ion:330 Resp: 359813

Ion Ratio Lower Upper

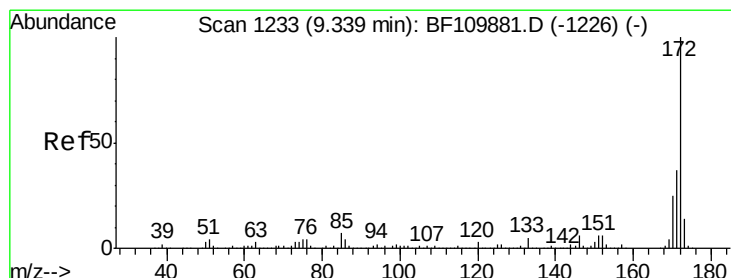
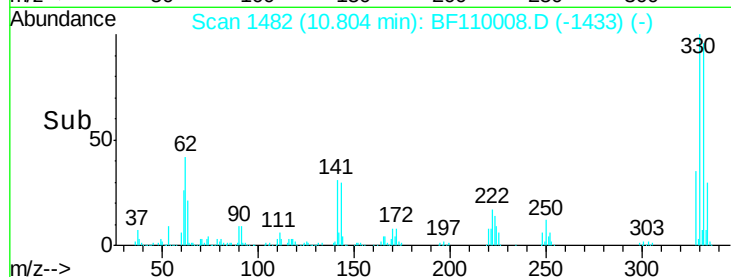
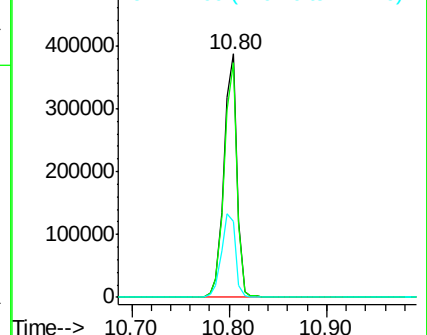
330 100

332 95.0 77.1 115.7

141 36.8 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: 87.092 ng

RT: 9.33 min Scan# 1231

Delta R.T. -0.01 min

Lab File: BF110008.D

Acq: 19 Oct 2018 17:48

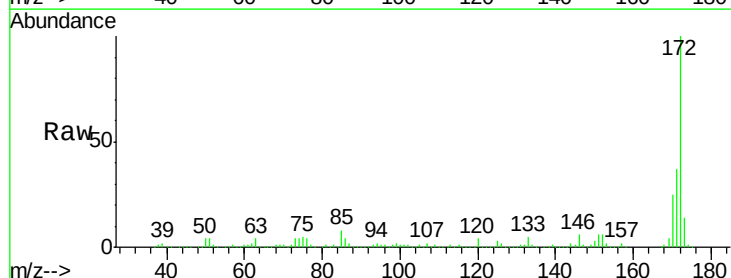
Tgt Ion:172 Resp: 2435729

Ion Ratio Lower Upper

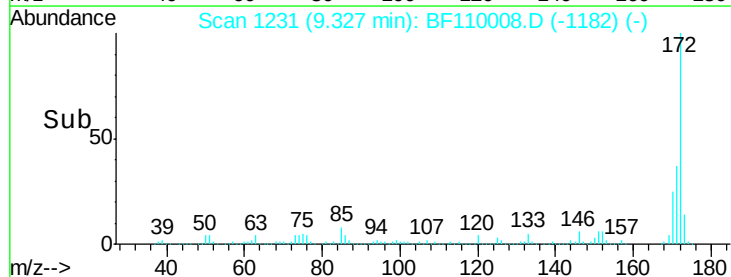
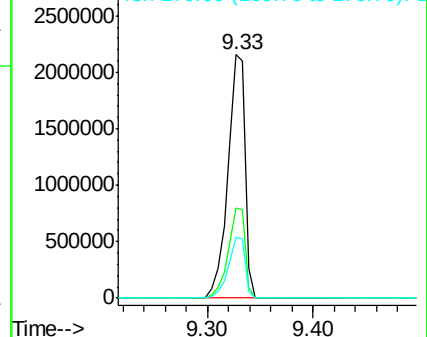
172 100

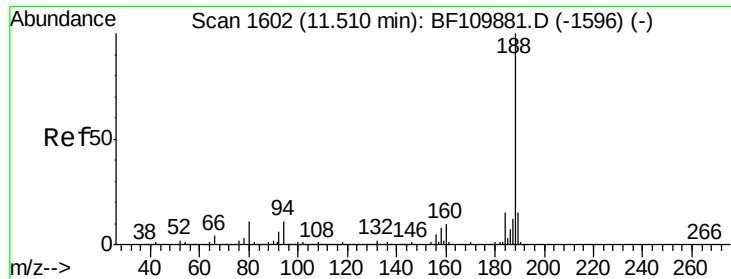
171 37.1 28.6 43.0

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

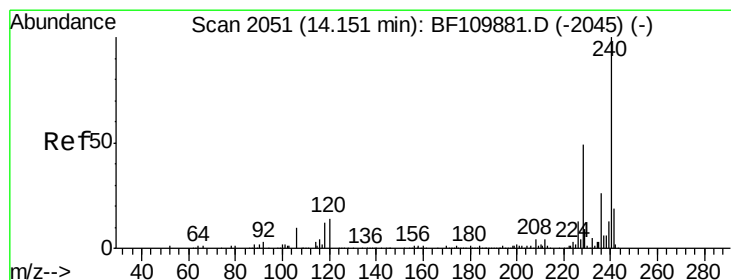
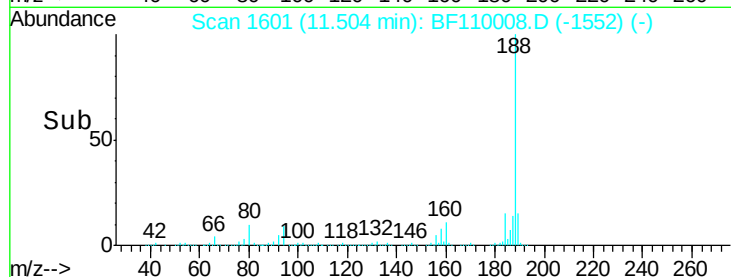
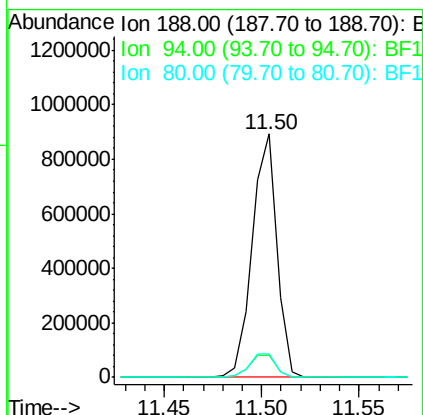
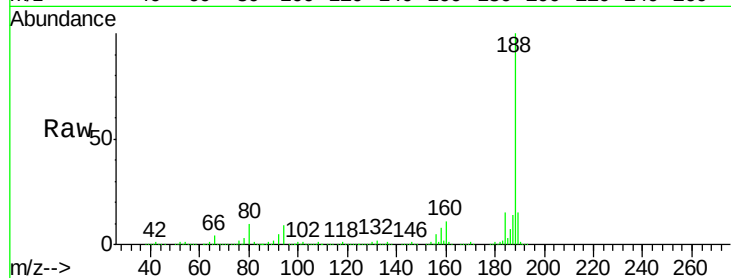




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110008.D
Acq: 19 Oct 2018 17:48

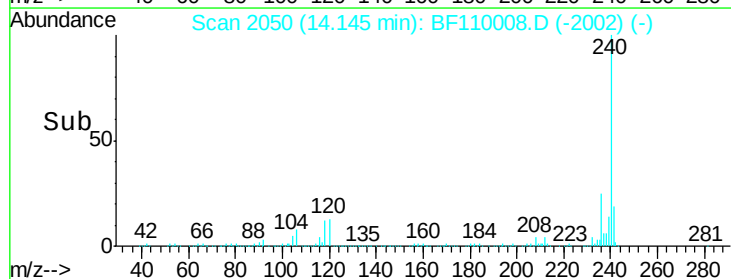
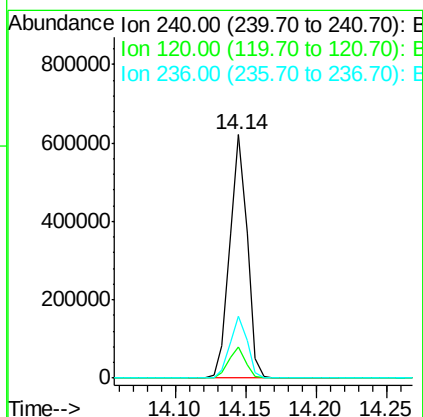
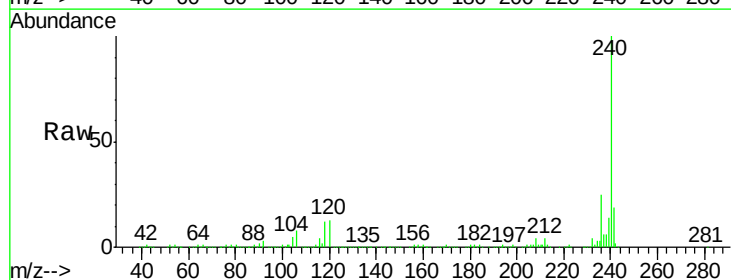
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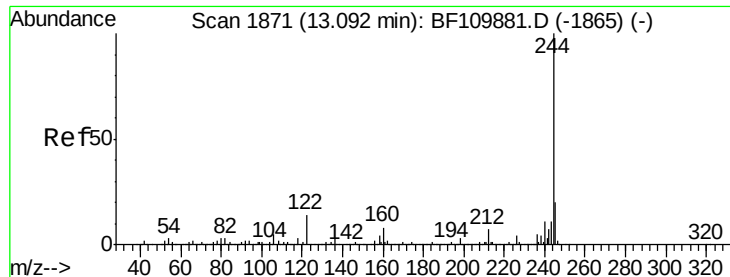
Tgt Ion:188 Resp: 783020
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.8 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110008.D
Acq: 19 Oct 2018 17:48

Tgt Ion:240 Resp: 532952
Ion Ratio Lower Upper
240 100
120 12.7 8.3 12.5#
236 25.4 21.2 31.8

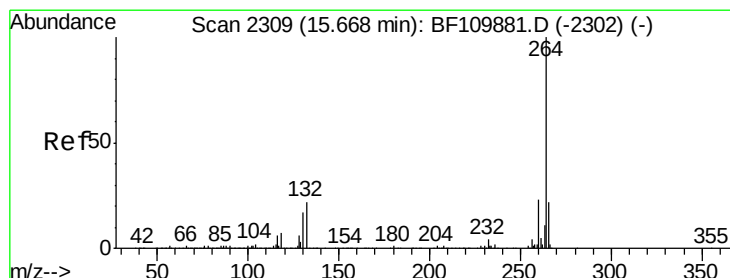
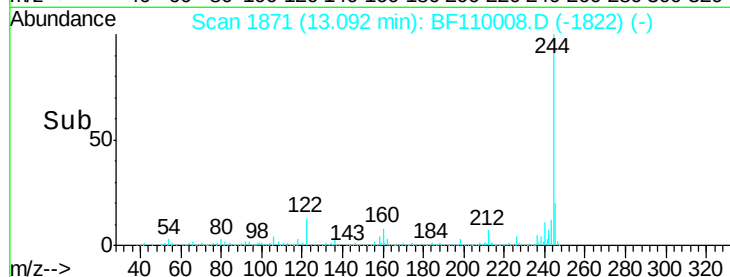
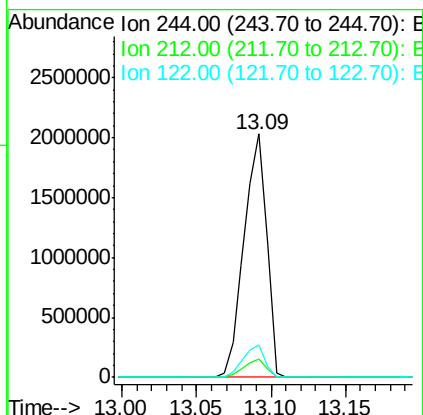
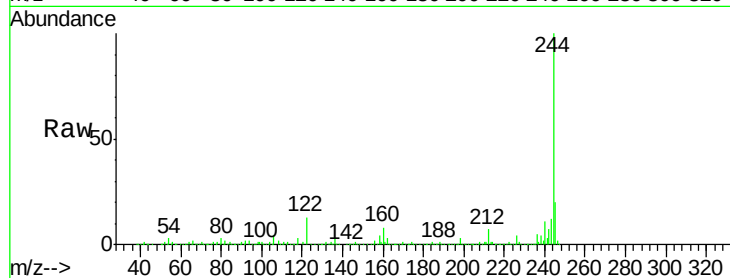




#79
 Terphenyl-d14
 Concen: 84.428 ng
 RT: 13.09 min Scan# 1871
 Delta R.T. -0.01 min
 Lab File: BF110008.D
 Acq: 19 Oct 2018 17:48

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

Tgt Ion:244 Resp: 2142745
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 13.1 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: BF110008.D
 Acq: 19 Oct 2018 17:48

Tgt Ion:264 Resp: 375682
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.7 28.1
 265 21.3 16.7 25.1

