

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102218\
 Data File : BF110058.D
 Acq On : 22 Oct 2018 19:26
 Operator : JU/SJ
 Sample : J5601-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 101818-TIPC-E-U-M

Quant Time: Oct 23 04:16:55 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	196267	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	724729	20.00	ng	-0.02
39) Acenaphthene-d10	10.01	164	283950	20.00	ng	-0.02
64) Phenanthrene-d10	11.50	188	447863	20.00	ng	-0.01
76) Chrysene-d12	14.14	240	358623	20.00	ng	-0.02
87) Perylene-d12	15.67	264	258942	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	388850	31.41	ng	-0.01
7) Phenol-d6	6.58	99	288221	18.75	ng	-0.02
23) Nitrobenzene-d5	7.53	82	1033042	96.02	ng	-0.02
42) 2,4,6-Tribromophenol	10.80	330	176291	71.71	ng	-0.02
45) 2-Fluorobiphenyl	9.33	172	1708312	96.00	ng	-0.01
79) Terphenyl-d14	13.09	244	1221261	71.51	ng	-0.02

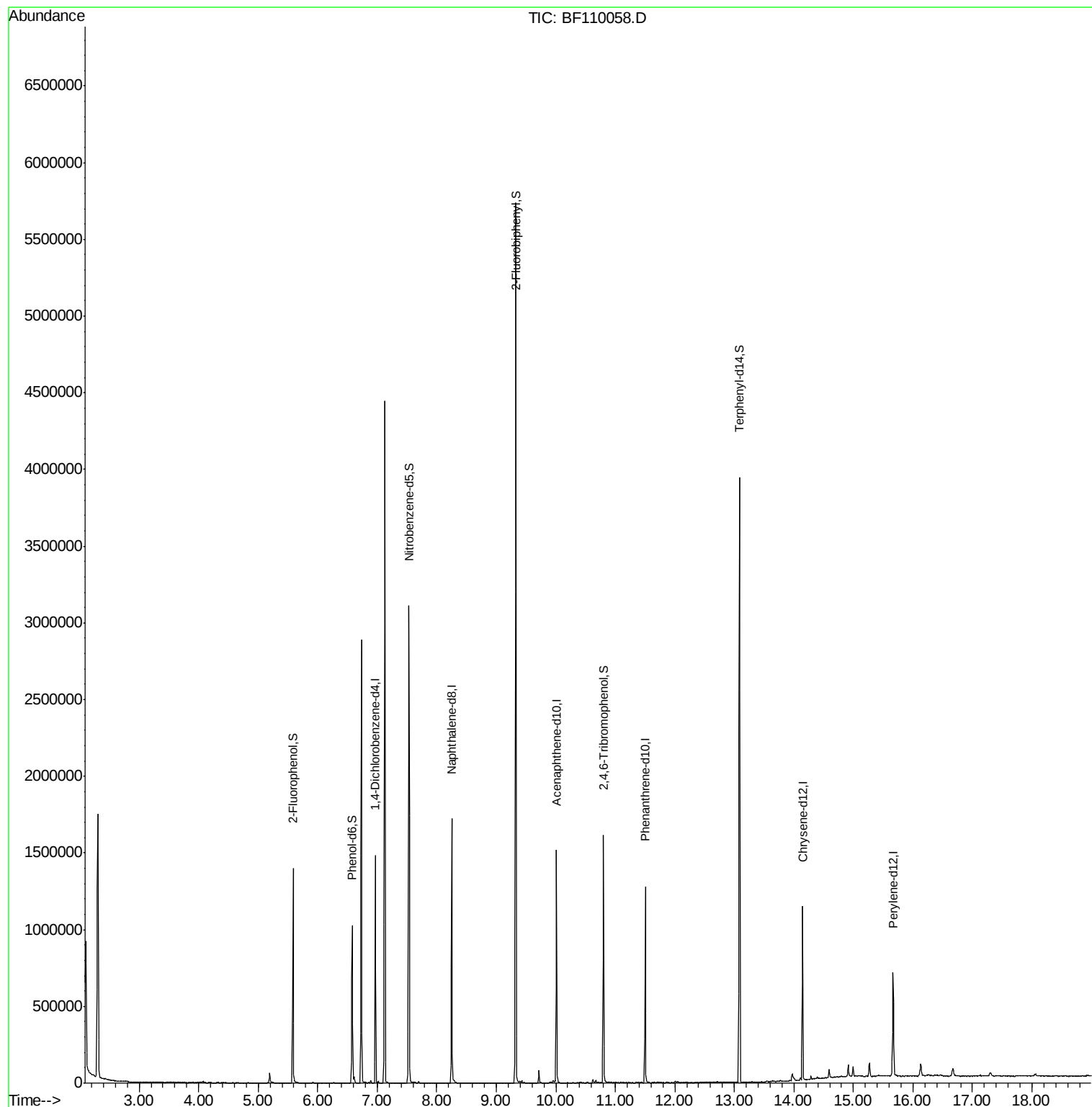
Target Compounds Qvalue

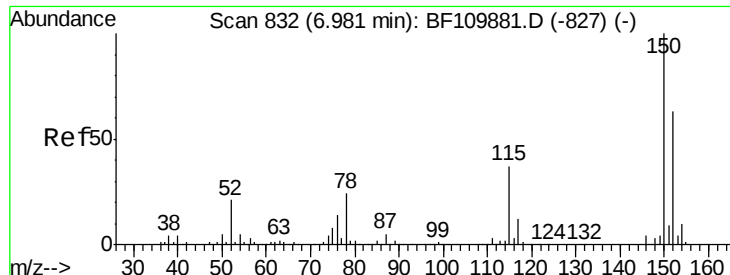
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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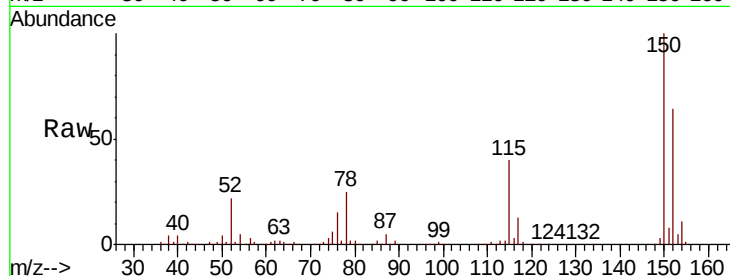


#1

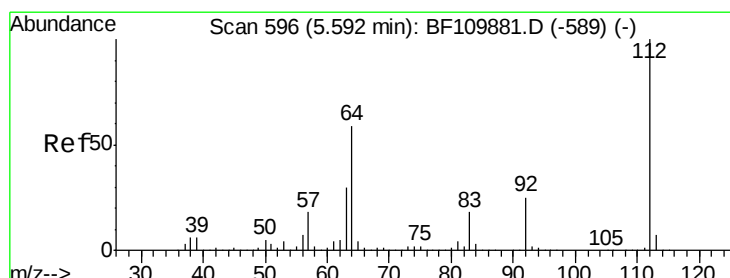
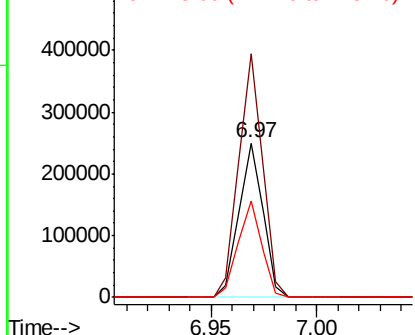
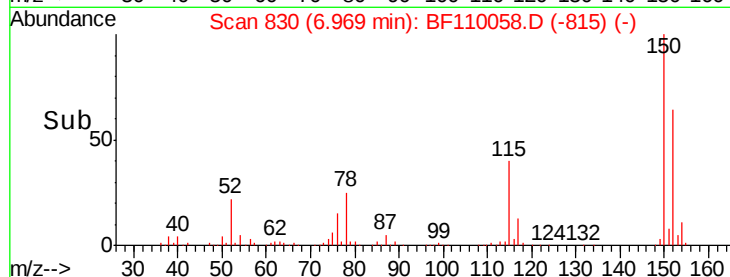
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF110058.D
Acq: 22 Oct 2018 19:26

Instrument :
BNA_F
ClientSampleId :
101818-TIPC-E-U-M

Tot Ion:152 Resp: 196267
Ion Ratio Lower Upper
152 100
150 157.5 122.7 184.1
115 62.6 49.1 73.7



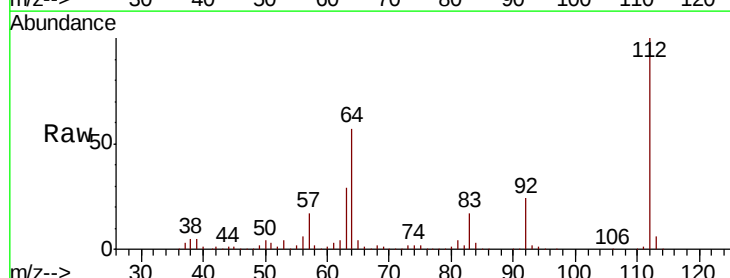
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



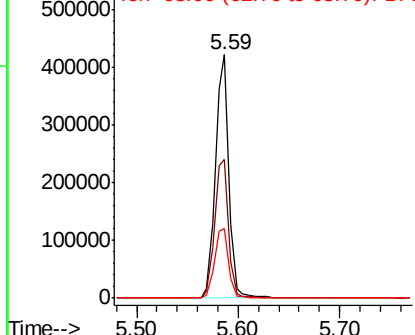
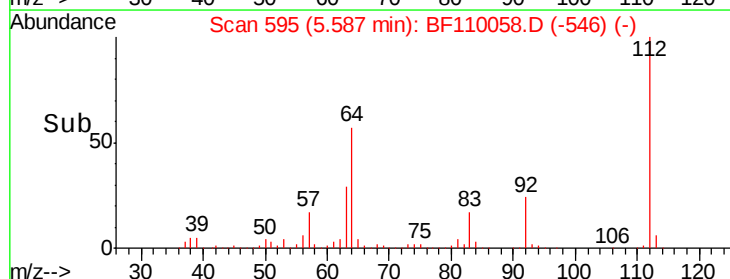
#5

2-Fluorophenol
Concen: 31.405 ng
RT: 5.59 min Scan# 595
Delta R.T. -0.01 min
Lab File: BF110058.D
Acq: 22 Oct 2018 19:26

Tgt Ion:112 Resp: 388850
Ion Ratio Lower Upper
112 100
64 57.2 44.1 66.1
63 28.6 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: 18.746 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.02 min

Lab File: BF110058.D

Acq: 22 Oct 2018 19:26

Instrument :

BNA_F

ClientSampleId :

101818-TIPC-E-U-M

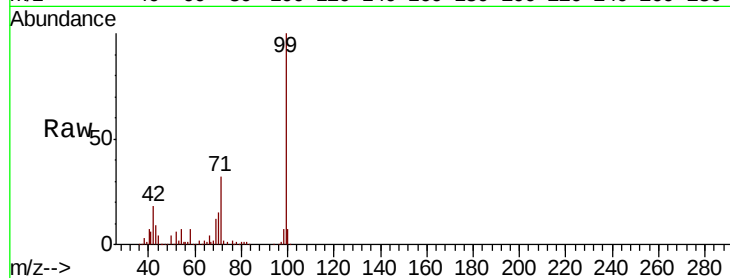
Tot Ion: 99 Resp: 288221

Ion Ratio Lower Upper

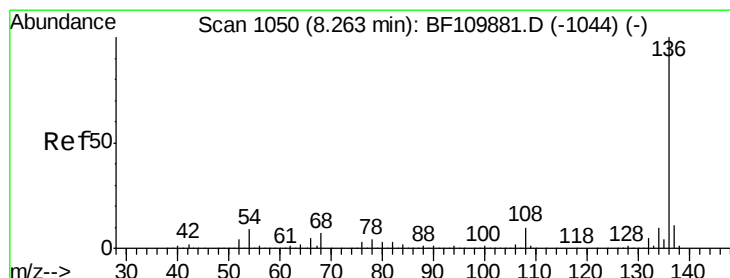
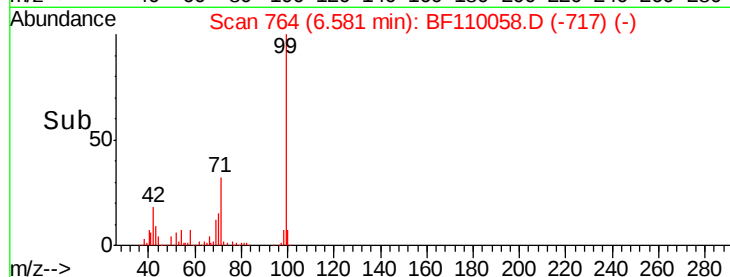
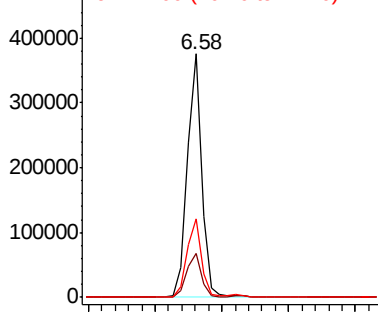
99 100

42 18.0 15.8 23.6

71 32.2 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: BF110058.D

Acq: 22 Oct 2018 19:26

Tgt Ion: 136 Resp: 724729

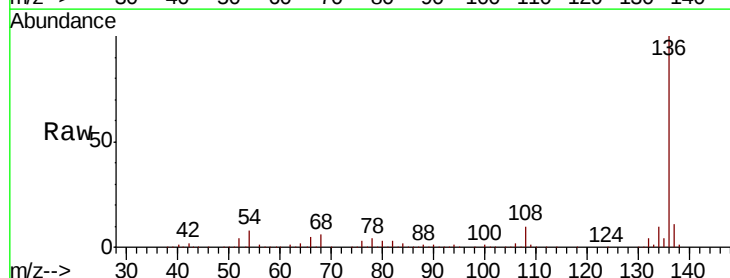
Ion Ratio Lower Upper

136 100

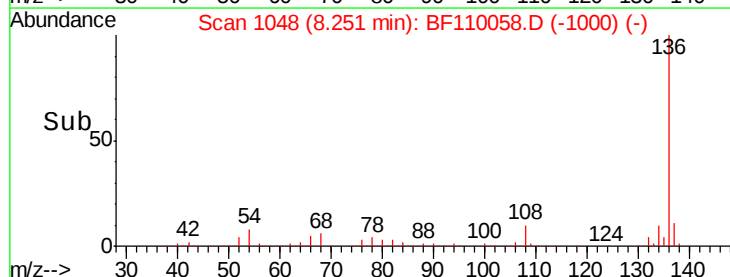
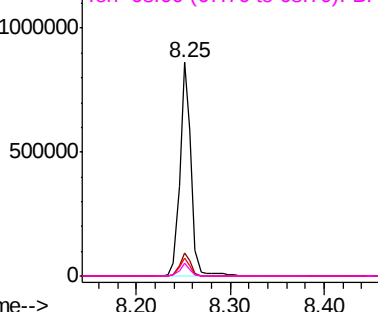
137 10.8 8.8 13.2

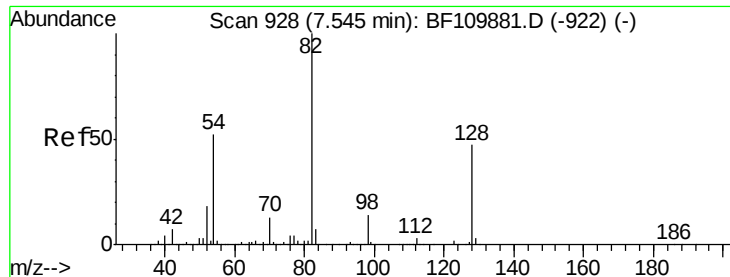
54 8.3 5.4 8.2#

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



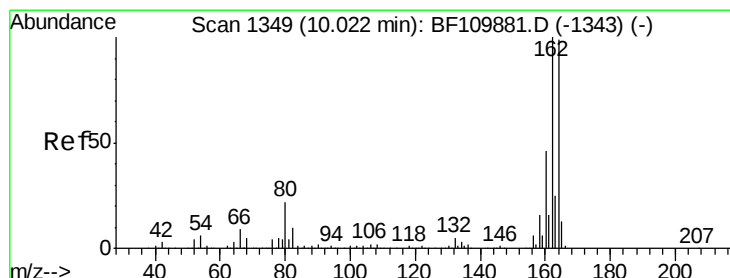
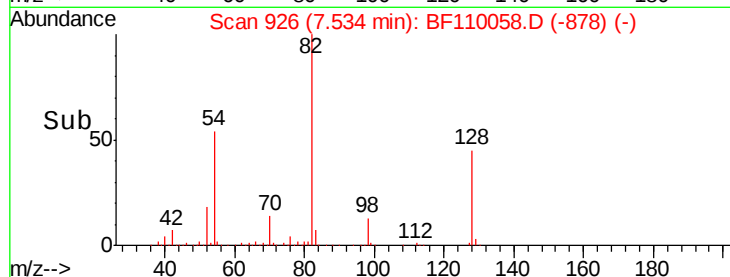
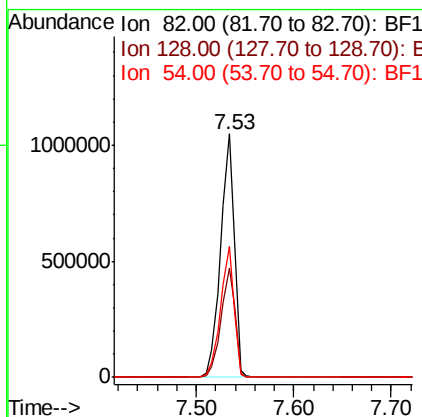
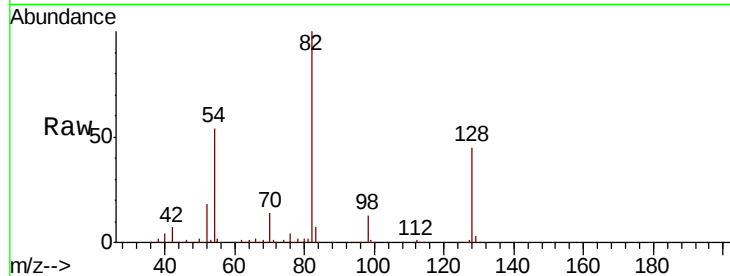


#23
 Nitrobenzene-d5
 Concen: 96.022 ng
 RT: 7.53 min Scan# 926
 Delta R.T. -0.02 min
 Lab File: BF110058.D
 Acq: 22 Oct 2018 19:26

Instrument :
 BNA_F
 ClientSampleId :
 101818-TIPC-E-U-M

Tot Ion: 82 Resp: 1033042

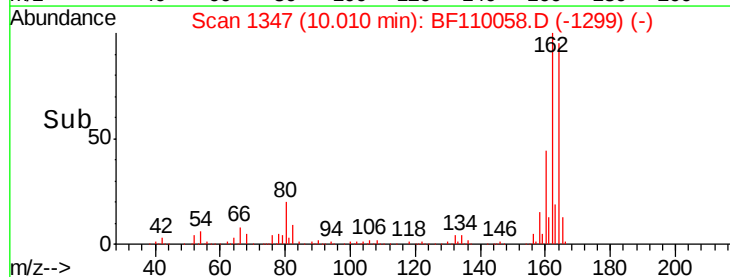
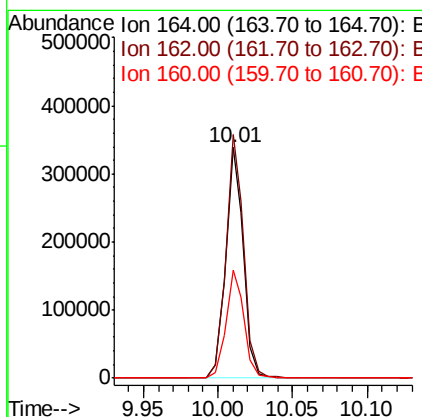
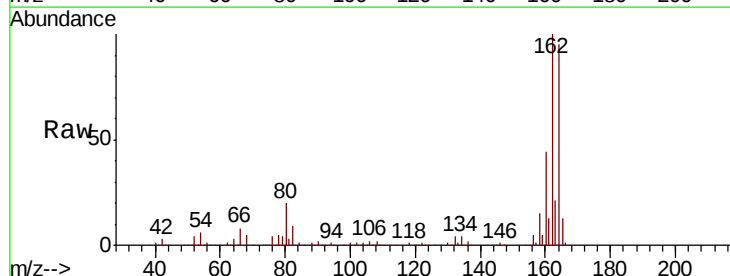
Ion	Ratio	Lower	Upper
82	100		
128	44.8	34.2	51.2
54	53.5	38.6	58.0

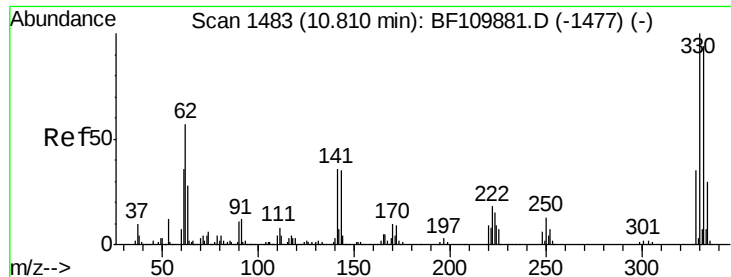


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. -0.02 min
 Lab File: BF110058.D
 Acq: 22 Oct 2018 19:26

Tgt Ion:164 Resp: 283950

Ion	Ratio	Lower	Upper
164	100		
162	105.6	83.0	124.6
160	46.6	37.0	55.6

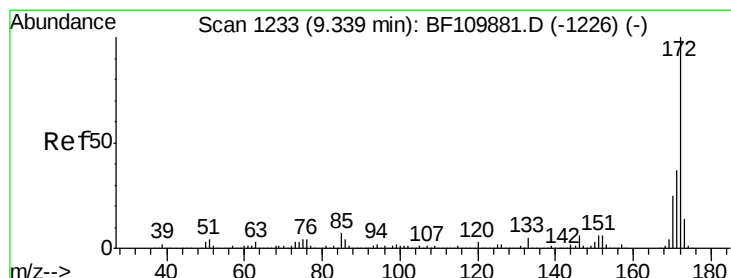
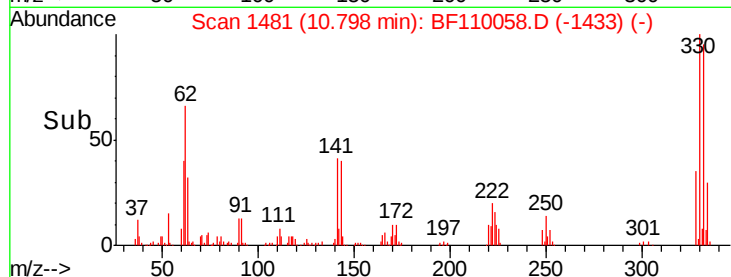
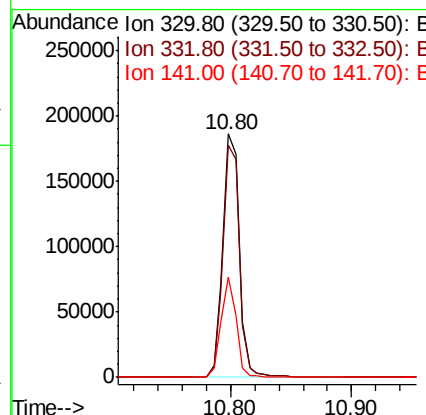
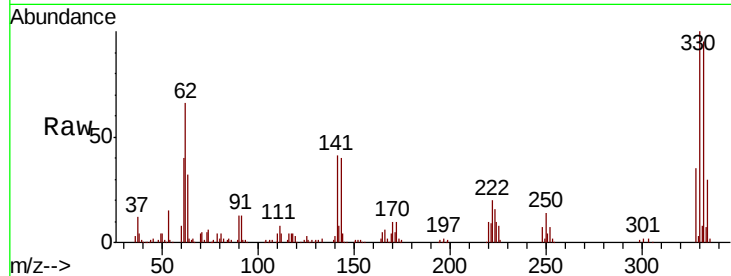




#42
 2,4,6-Tribromophenol
 Concen: 71.711 ng
 RT: 10.80 min Scan# 1481
 Delta R.T. -0.02 min
 Lab File: BF110058.D
 Acq: 22 Oct 2018 19:26

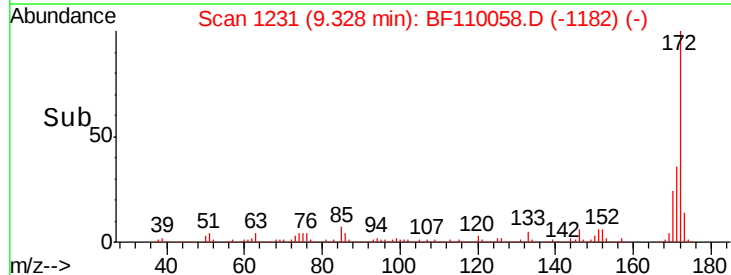
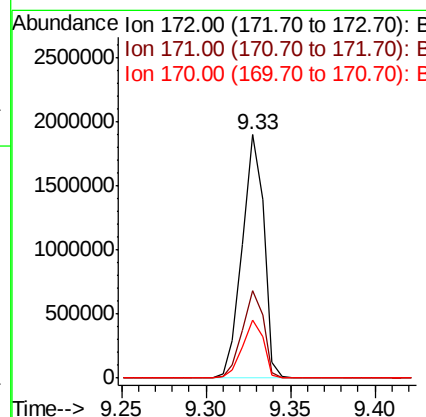
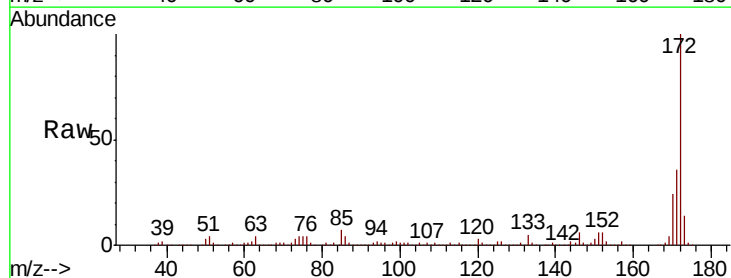
Instrument :
 BNA_F
 ClientSampleId :
 101818-TIPC-E-U-M

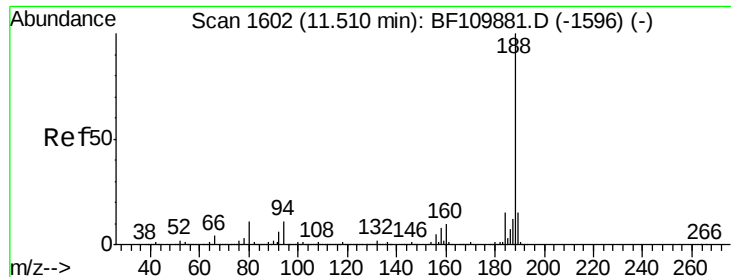
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	37.5	27.0	40.4



#45
 2-Fluorobiphenyl
 Concen: 95.998 ng
 RT: 9.33 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BF110058.D
 Acq: 22 Oct 2018 19:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	43.0
170	23.8	19.7	29.5

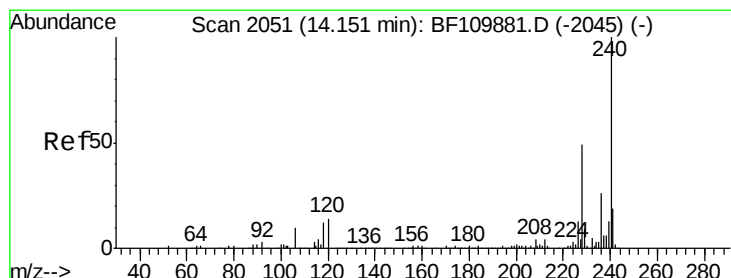
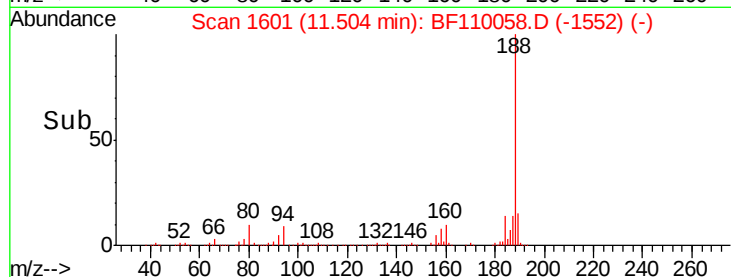
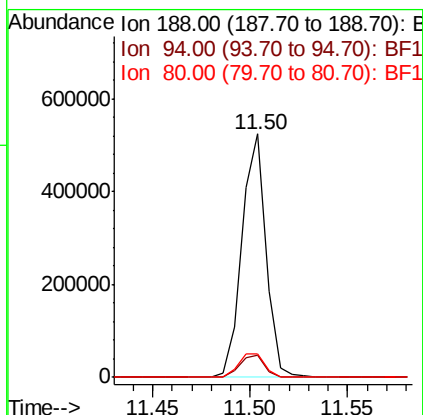
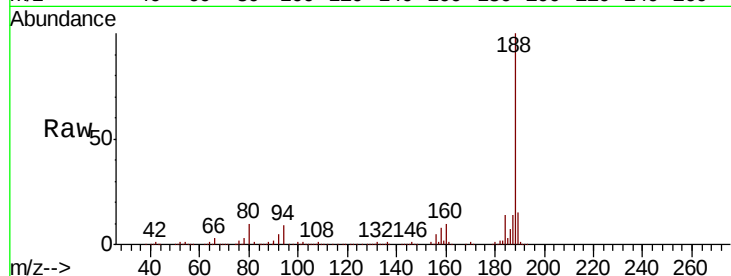




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1601
Delta R.T. -0.01 min
Lab File: BF110058.D
Acq: 22 Oct 2018 19:26

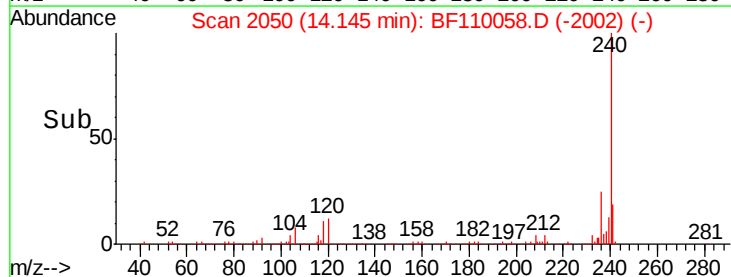
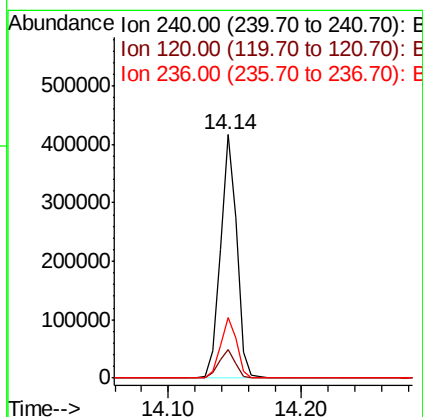
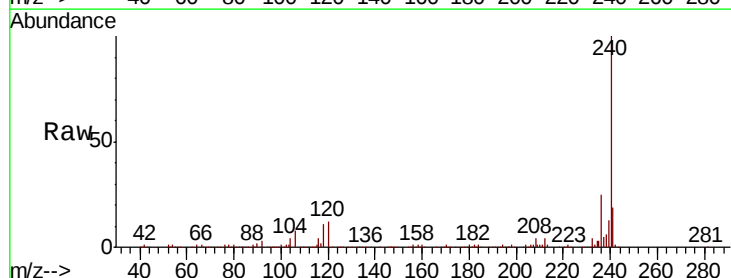
Instrument :
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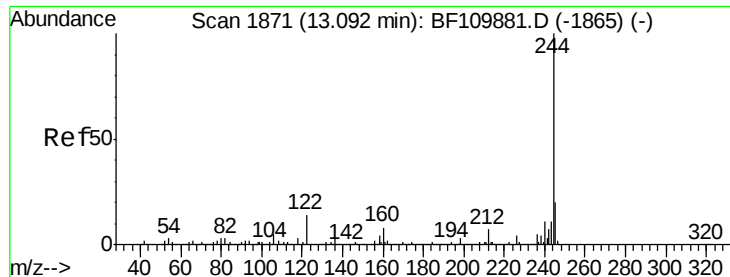
Tot Ion:188 Resp: 447863
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.02 min
Lab File: BF110058.D
Acq: 22 Oct 2018 19:26

Tgt Ion:240 Resp: 358623
Ion Ratio Lower Upper
240 100
120 11.8 8.3 12.5
236 24.7 21.2 31.8

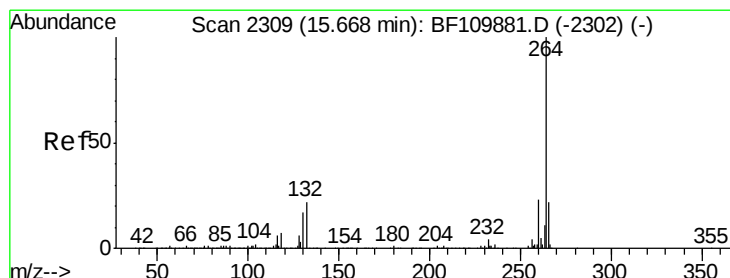
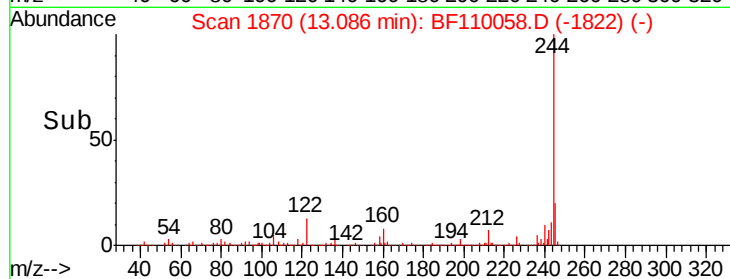
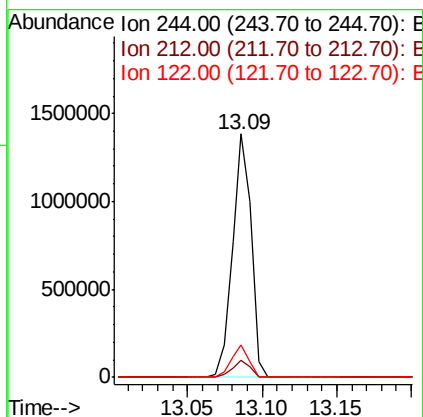
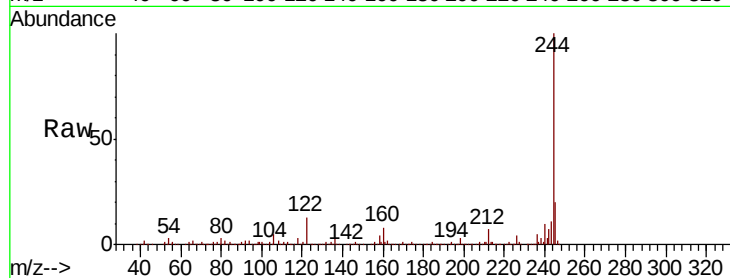




#79
 Terphenyl-d14
 Concen: 71.511 ng
 RT: 13.09 min Scan# 1870
 Delta R.T. -0.02 min
 Lab File: BF110058.D
 Acq: 22 Oct 2018 19:26

Instrument :
 BNA_F
 ClientSampleId :
 101818-TIPC-E-U-M

Tot Ion:244 Resp: 1221261
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 13.4 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: BF110058.D
 Acq: 22 Oct 2018 19:26

Tgt Ion:264 Resp: 258942
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.7 28.1
 265 21.4 16.7 25.1

