

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107694.D
 Acq On : 26 Jul 2018 9:03
 Operator : JU/SJ
 Sample : PB111438BL
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB111438BL

Quant Time: Jul 26 11:18:45 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 20 16:29:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	179546	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	652349	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	247127	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	443830	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	356777	20.00	ng	-0.01
86) Perylene-d12	15.69	264	280714	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	890940	79.78	ng	0.00
7) Phenol-d6	6.60	99	1150883	85.83	ng	-0.02
23) Nitrobenzene-d5	7.53	82	976074	100.98	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	245158	87.24	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1747019	148.26	ng	-0.01
78) Terphenyl-d14	13.09	244	1408058	101.04	ng	-0.01

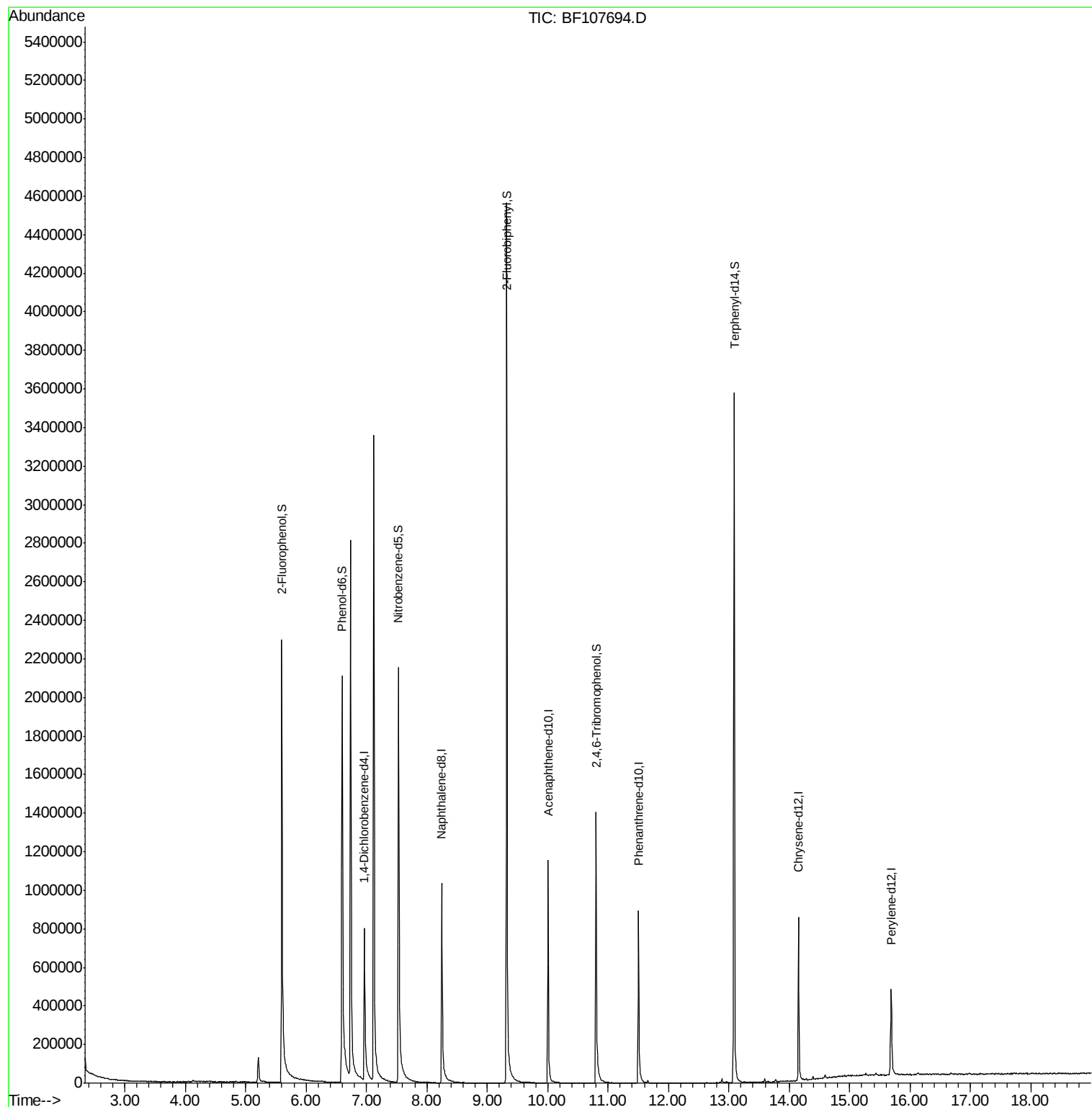
Target Compounds Qvalue

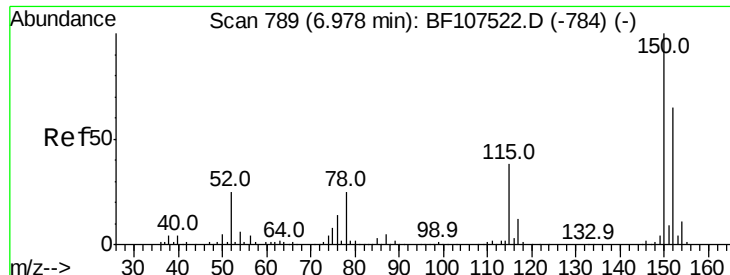
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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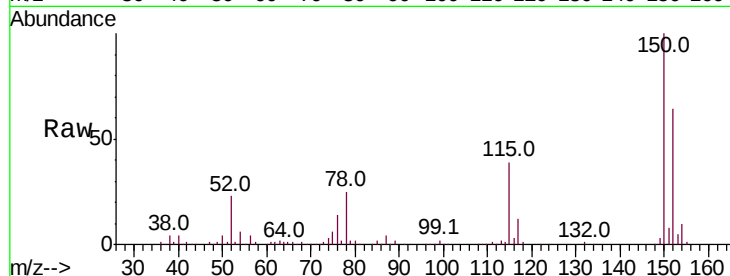


#1

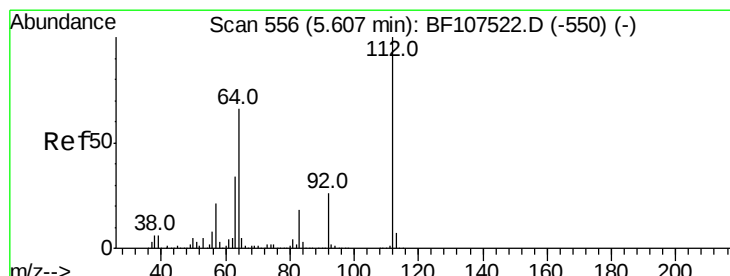
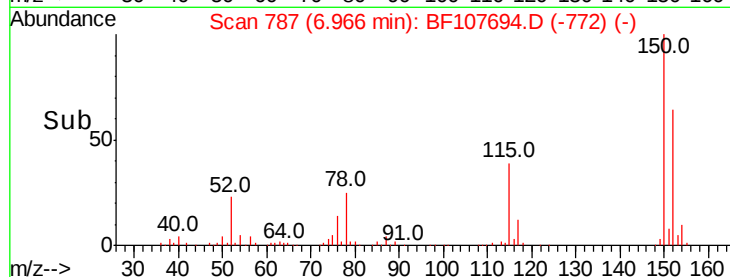
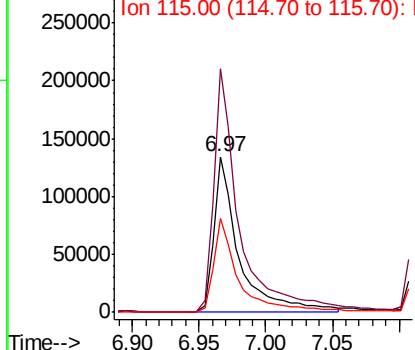
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.97 min Scan# 787
 Delta R.T. -0.01 min
 Lab File: BF107694.D
 Acq: 26 Jul 2018 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB111438BL

Tot Ion:152 Resp: 179546
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.6 186.8
 115 60.7 50.1 75.1



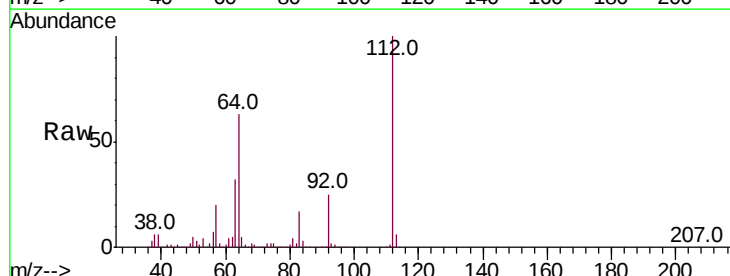
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



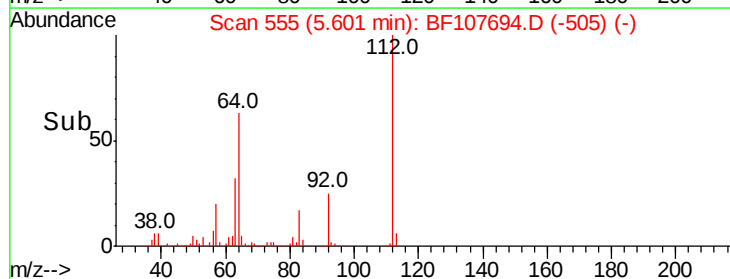
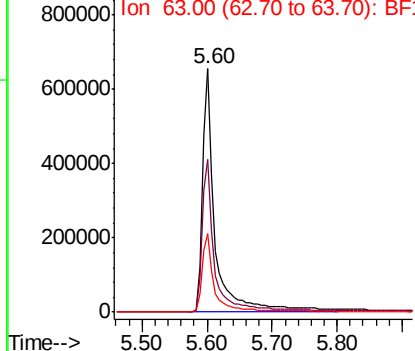
#5

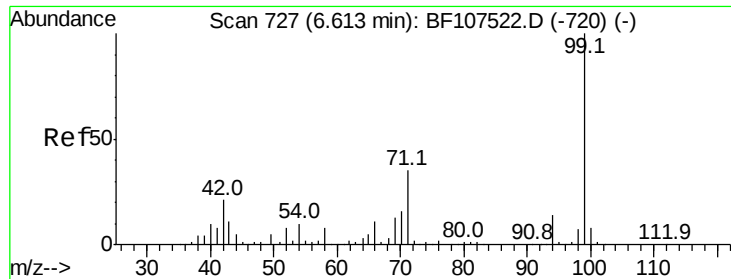
2-Fluorophenol
 Concen: 79.782 ng
 RT: 5.60 min Scan# 555
 Delta R.T. -0.01 min
 Lab File: BF107694.D
 Acq: 26 Jul 2018 9:03

Tgt Ion:112 Resp: 890940
 Ion Ratio Lower Upper
 112 100
 64 63.0 47.9 71.9
 63 32.5 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: 85.830 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107694.D

Acq: 26 Jul 2018 9:03

Instrument :

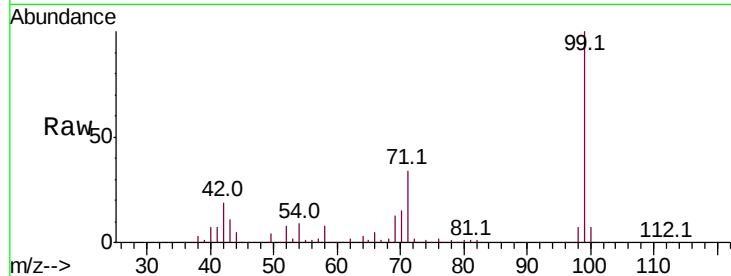
BNA_F

ClientSampleId :

PB111438BL

Tot Ion: 99 Resp: 1150883

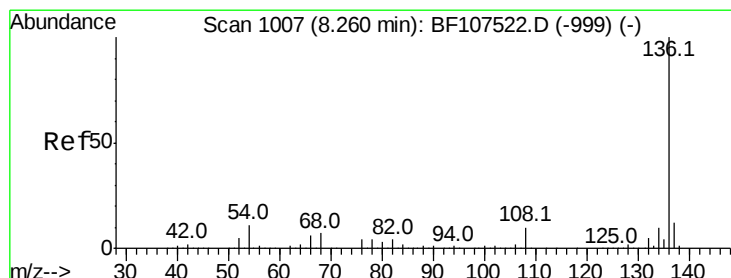
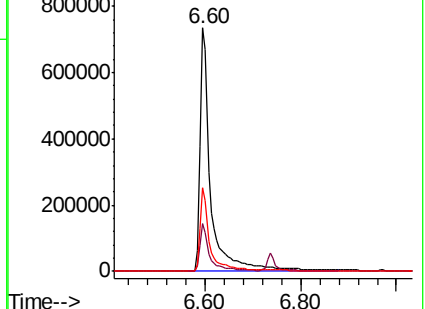
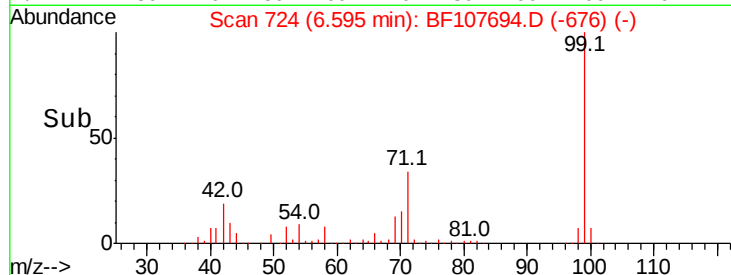
Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	34.4	25.4	38.0



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# 1005

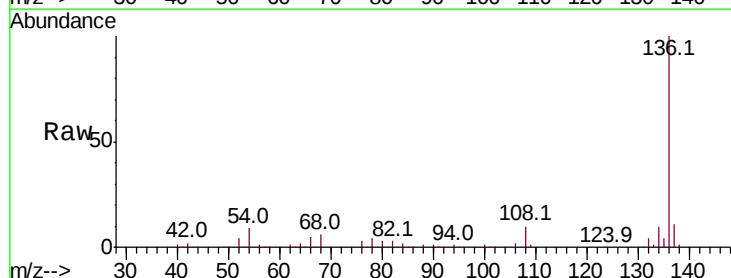
Delta R.T. -0.01 min

Lab File: BF107694.D

Acq: 26 Jul 2018 9:03

Tgt Ion: 136 Resp: 652349

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	9.4	6.6	9.8
68	5.9	5.0	7.4

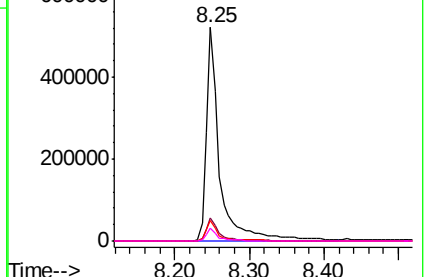
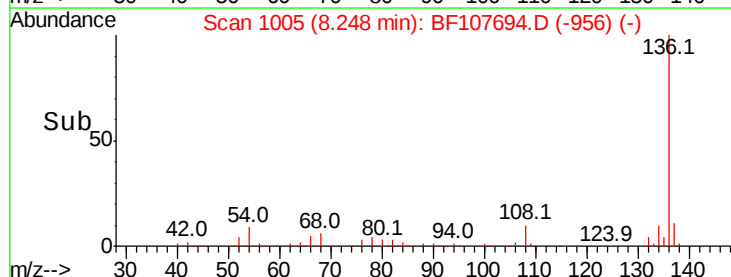


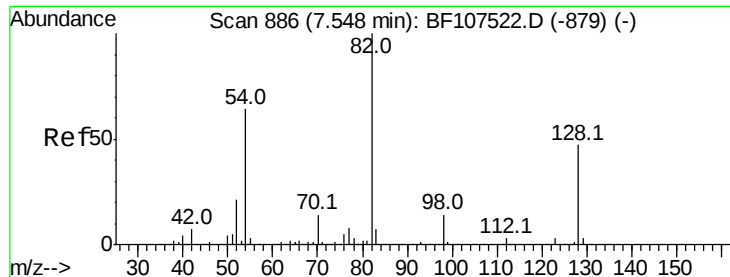
Abundance Ion 136.00 (135.70 to 136.70): E

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

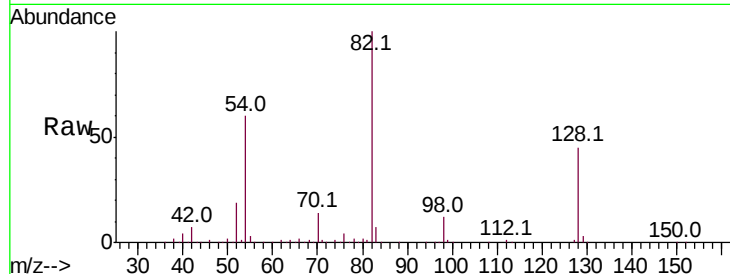




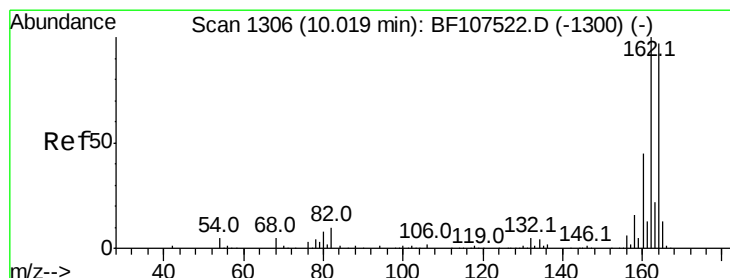
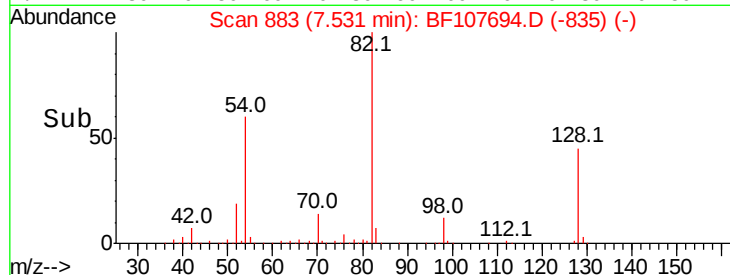
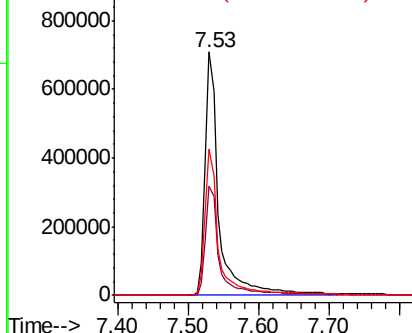
#23
 Nitrobenzene-d5
 Concen: 100.978 ng
 RT: 7.53 min Scan# 883
 Delta R.T. -0.02 min
 Lab File: BF107694.D
 Acq: 26 Jul 2018 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB111438BL

Tot Ion: 82 Resp: 976074
 Ion Ratio Lower Upper
 82 100
 128 44.7 36.1 54.1
 54 60.0 41.4 62.2

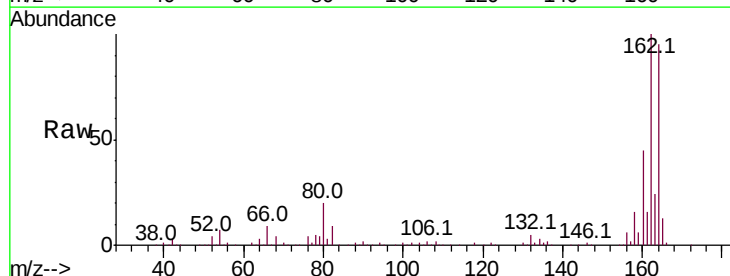


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

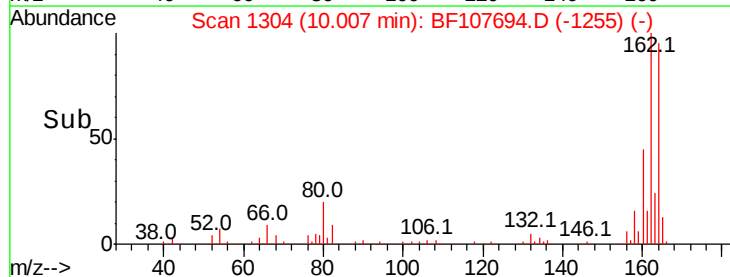
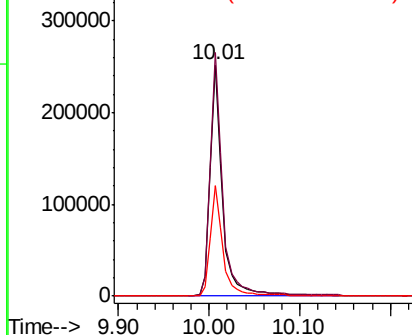


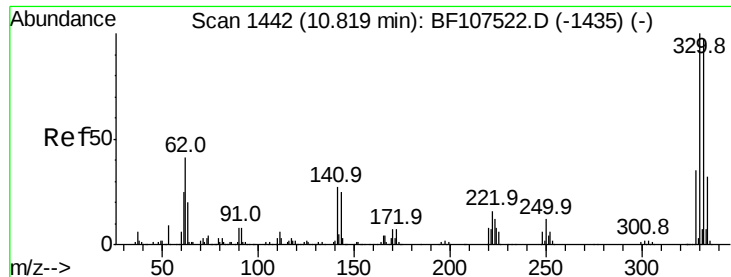
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 10.01 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF107694.D
 Acq: 26 Jul 2018 9:03

Tgt Ion:164 Resp: 247127
 Ion Ratio Lower Upper
 164 100
 162 105.4 86.1 129.1
 160 47.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

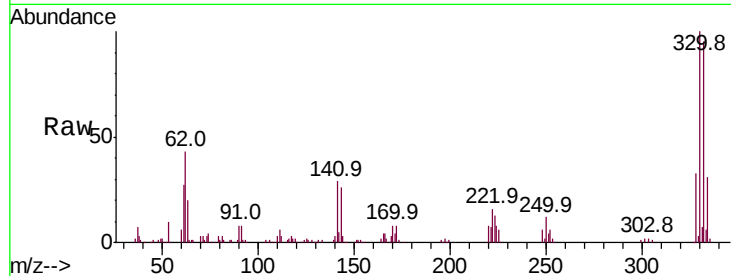




#41
 2,4,6-Tribromophenol
 Concen: 87.238 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107694.D
 Acq: 26 Jul 2018 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB111438BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	30.1	29.9	44.9

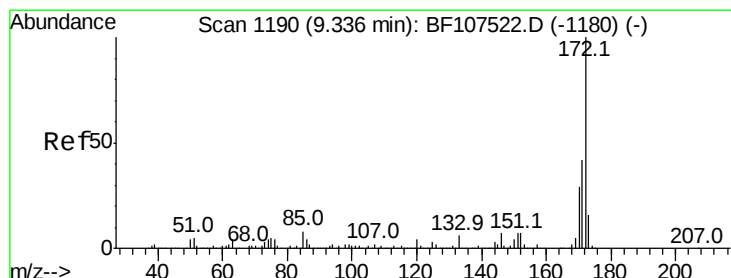
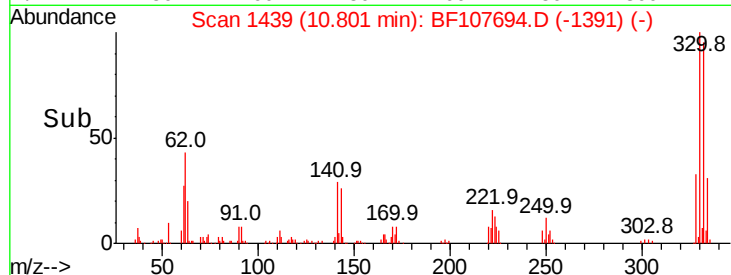
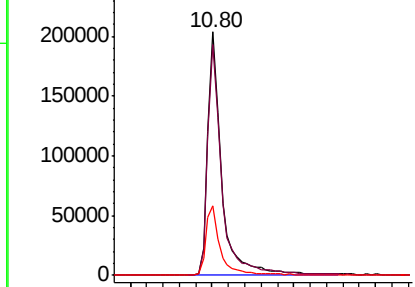


Abundance

Ion 329.80 (329.50 to 330.50): E

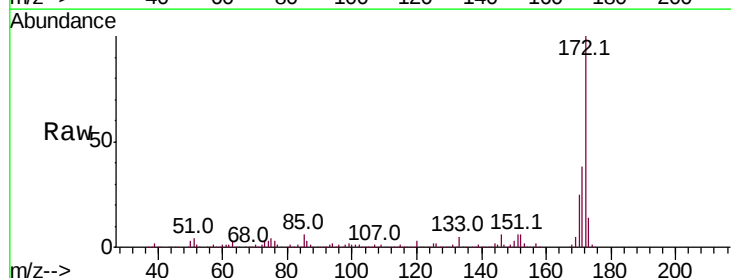
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 148.261 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF107694.D
 Acq: 26 Jul 2018 9:03

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	29.7	44.5
170	25.2	19.6	29.4

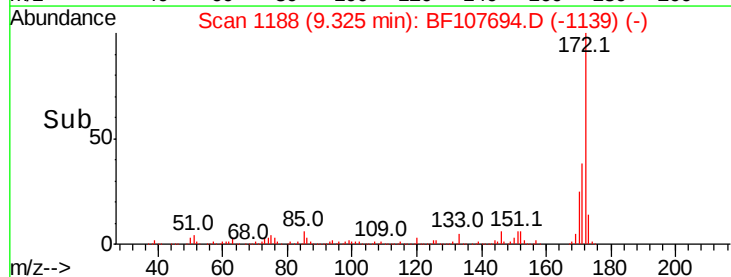
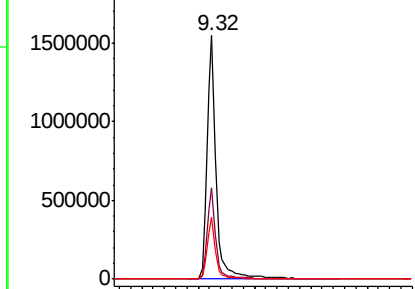


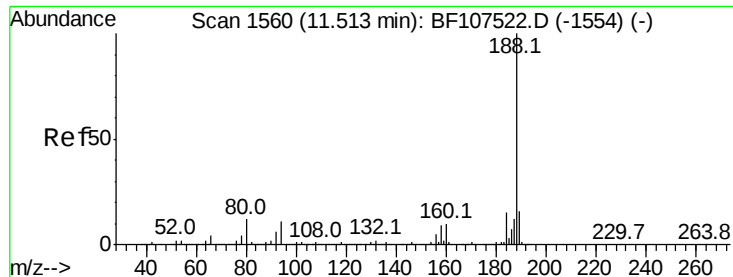
Abundance

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

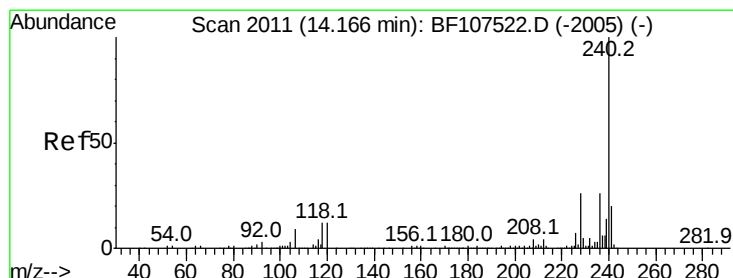
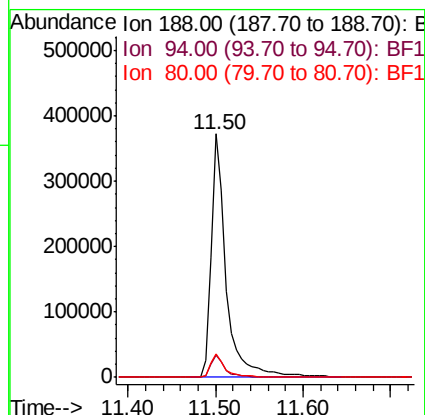
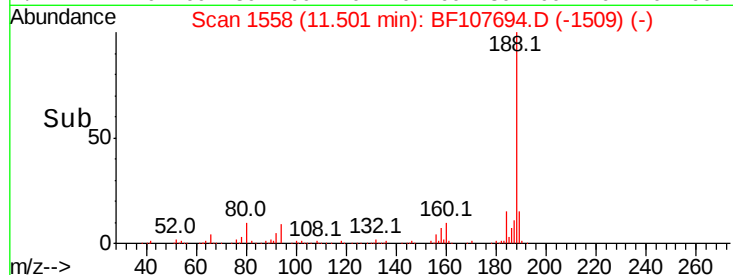
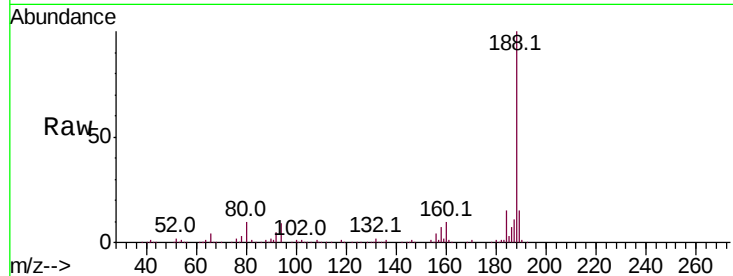




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF107694.D
Acq: 26 Jul 2018 9:03

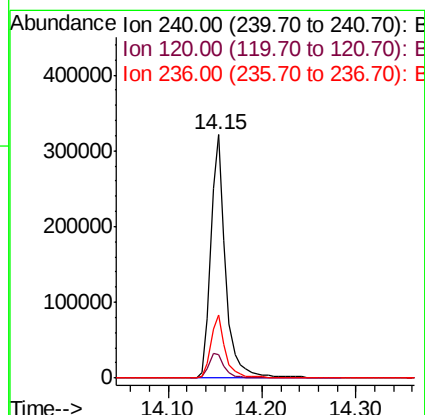
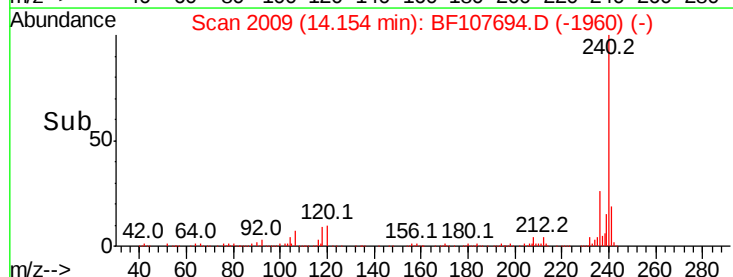
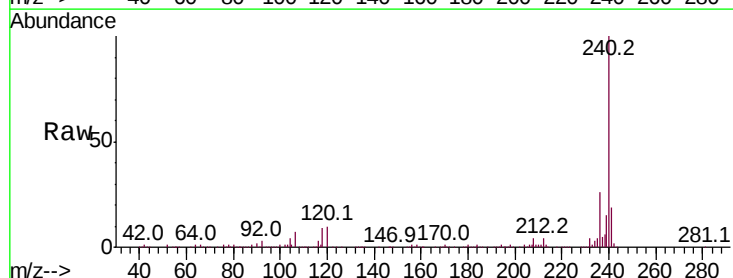
Instrument :
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PB111438BL

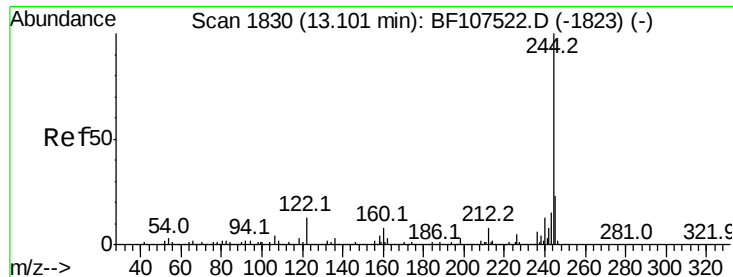
Tot Ion:188 Resp: 443830
Ion Ratio Lower Upper
188 100
94 9.4 8.5 12.7
80 9.9 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF107694.D
Acq: 26 Jul 2018 9:03

Tgt Ion:240 Resp: 356777
Ion Ratio Lower Upper
240 100
120 9.9 9.5 14.3
236 26.0 20.7 31.1



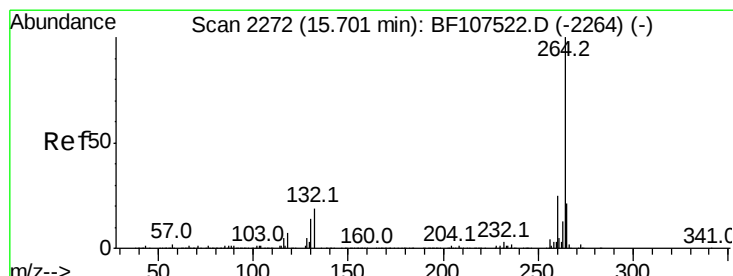
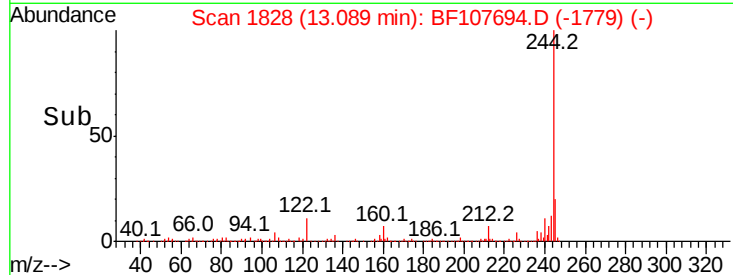
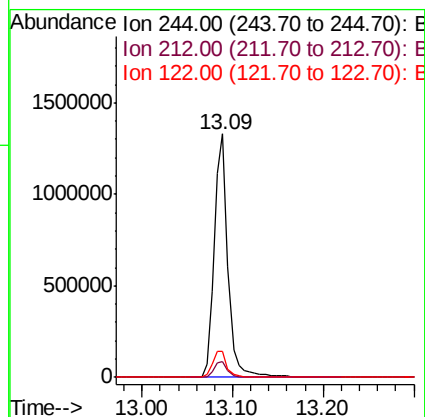
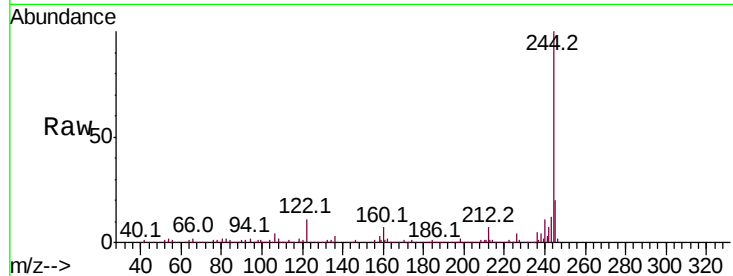


#78
 Terphenyl-d14
 Concen: 101.037 ng
 RT: 13.09 min Scan# 1828
 Delta R.T. -0.01 min
 Lab File: BF107694.D
 Acq: 26 Jul 2018 9:03

Instrument :
 BNA_F
 ClientSampleId :
 PB111438BL

Tot Ion:244 Resp: 1408058

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	10.7	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.01 min
 Lab File: BF107694.D
 Acq: 26 Jul 2018 9:03

Tgt Ion:264 Resp: 280714

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.2	17.5	26.3

