

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
 Data File : BF107691.D
 Acq On : 26 Jul 2018 7:43
 Operator : JU/SJ
 Sample : J4133-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 072318-TIPC-E-U-M

Quant Time: Jul 26 08:45:04 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

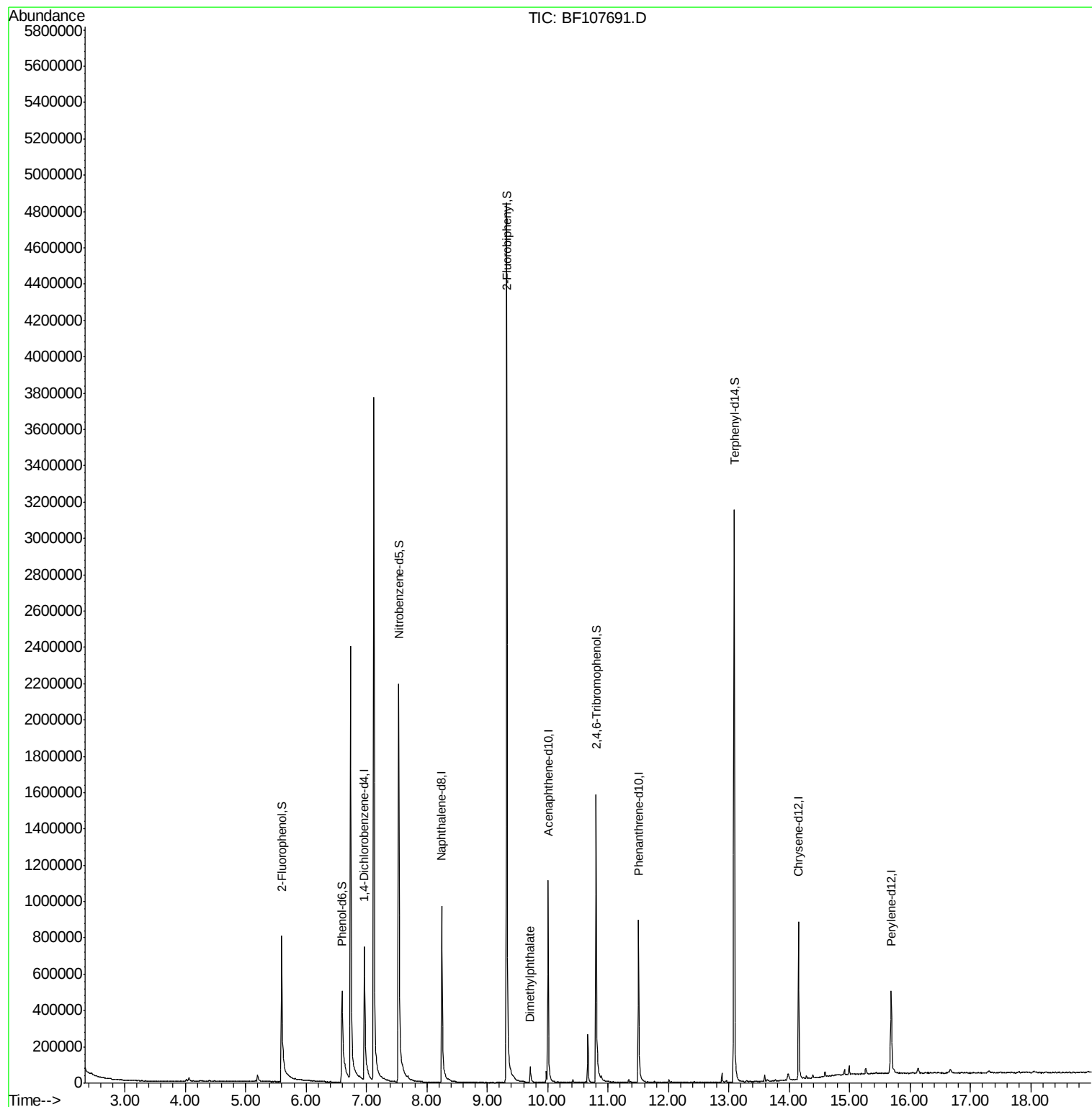
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	171489	20.00	ng	-0.01
21) Naphthalene-d8	8.25	136	623613	20.00	ng	-0.01
38) Acenaphthene-d10	10.01	164	241316	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	427522	20.00	ng	-0.01
75) Chrysene-d12	14.15	240	352188	20.00	ng	-0.01
86) Perylene-d12	15.69	264	274139	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	410515	38.49	ng	-0.01
7) Phenol-d6	6.60	99	352333	27.51	ng	-0.02
23) Nitrobenzene-d5	7.54	82	1089874	117.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	259596	94.60	ng	-0.02
44) 2-Fluorobiphenyl	9.32	172	1869667	183.99	ng	-0.01
78) Terphenyl-d14	13.09	244	1277005	92.83	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.71	163	44300	2.436	ng	Qvalue 100

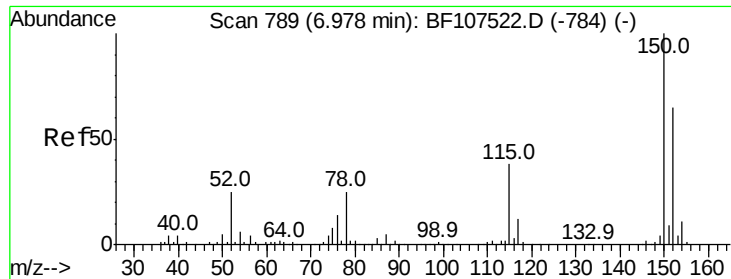
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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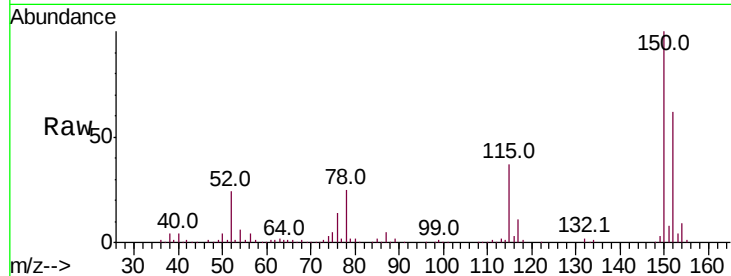


#1

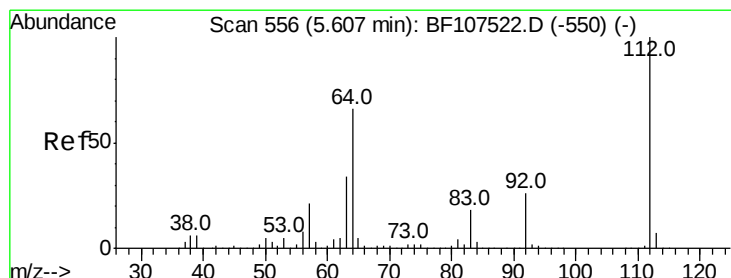
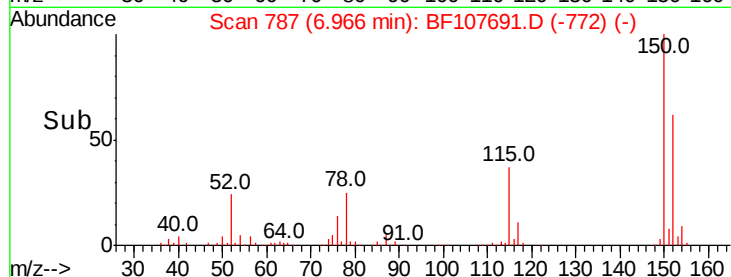
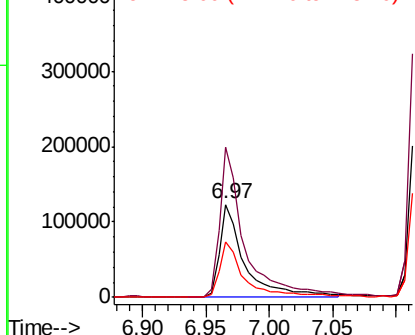
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107691.D
Acq: 26 Jul 2018 7:43

Instrument :
BNA_F
ClientSampleId :
072318-TIPC-E-U-M

Tot Ion:152 Resp: 171489
Ion Ratio Lower Upper
152 100
150 162.4 124.6 186.8
115 59.7 50.1 75.1



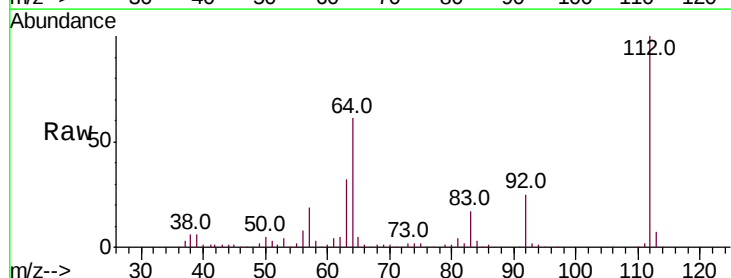
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



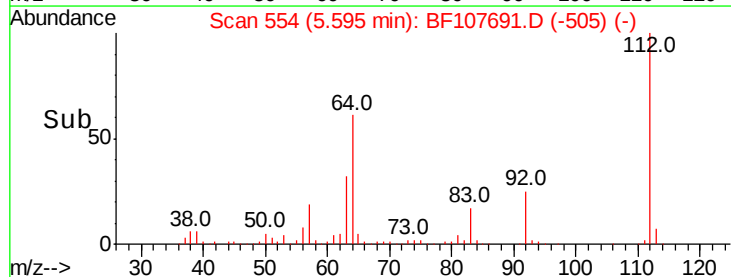
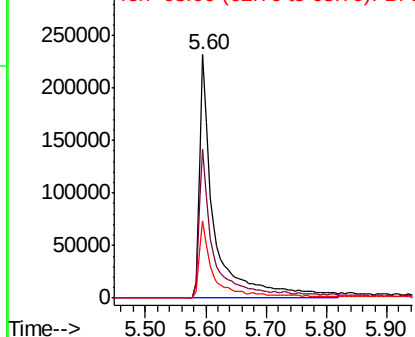
#5

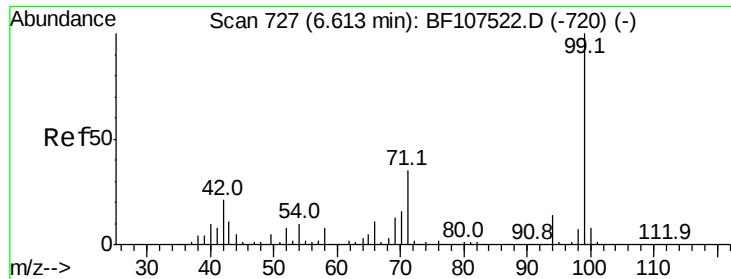
2-Fluorophenol
Concen: 38.488 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107691.D
Acq: 26 Jul 2018 7:43

Tgt Ion:112 Resp: 410515
Ion Ratio Lower Upper
112 100
64 61.1 47.9 71.9
63 31.7 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: 27.511 ng

RT: 6.60 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF107691.D

Acq: 26 Jul 2018 7:43

Instrument :

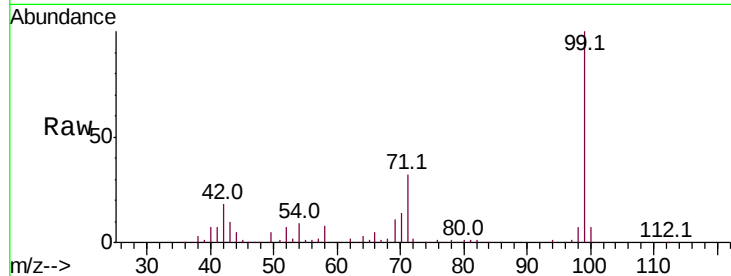
BNA_F

ClientSampleId :

072318-TIPC-E-U-M

Tot Ion: 99 Resp: 352333

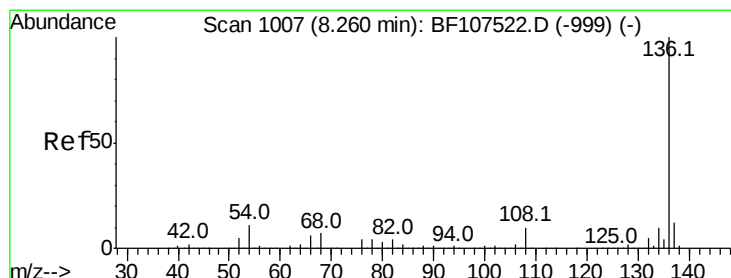
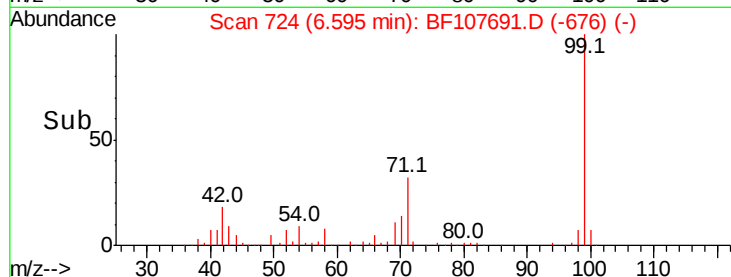
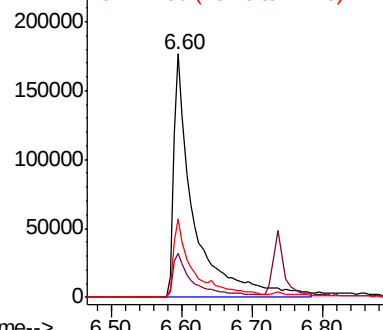
Ion	Ratio	Lower	Upper
99	100		
42	17.9	14.5	21.7
71	32.1	25.4	38.0



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

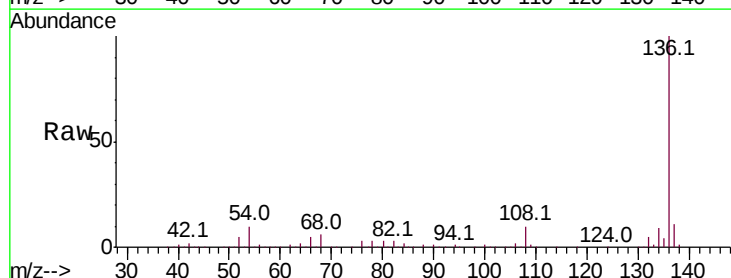
Delta R.T. -0.01 min

Lab File: BF107691.D

Acq: 26 Jul 2018 7:43

Tgt Ion: 136 Resp: 623613

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.9	6.6	9.8
68	5.5	5.0	7.4

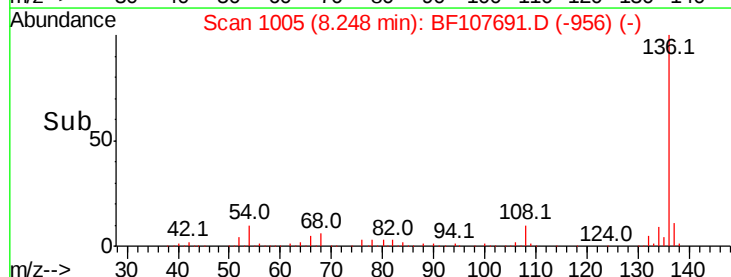
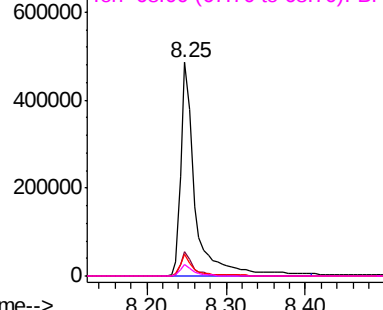


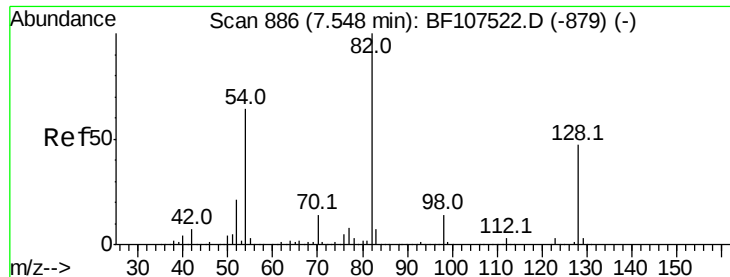
Abundance Ion 136.00 (135.70 to 136.70): E

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

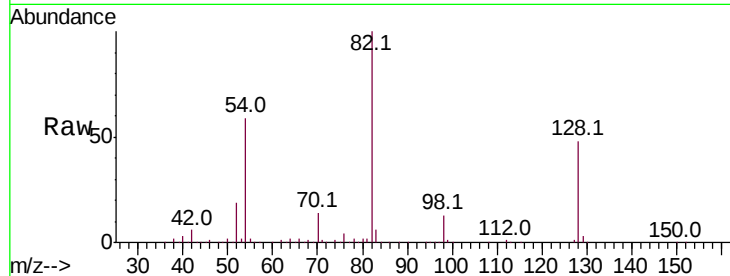




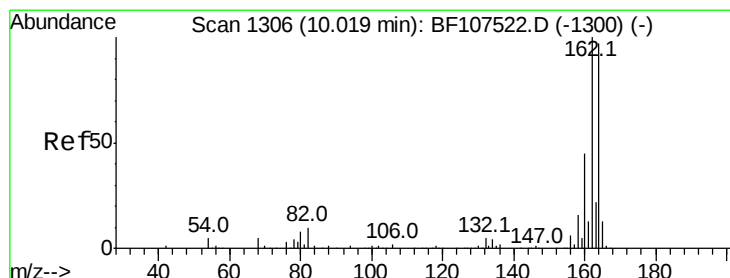
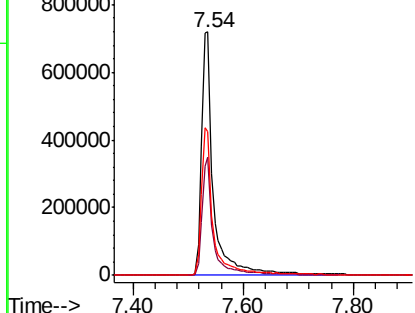
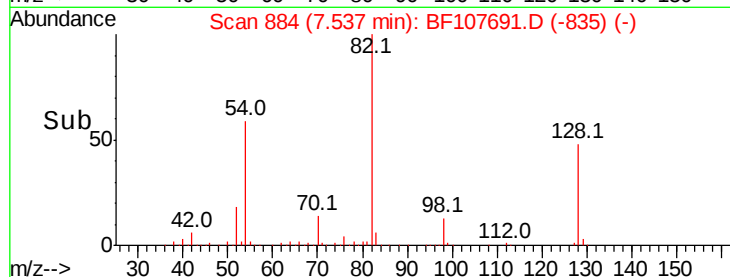
#23
Nitrobenzene-d5
Concen: 117.947 ng
RT: 7.54 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF107691.D
Acq: 26 Jul 2018 7:43

Instrument :
BNA_F
ClientSampleId :
072318-TIPC-E-U-M

Tot Ion: 82 Resp: 1089874
Ion Ratio Lower Upper
82 100
128 48.3 36.1 54.1
54 58.8 41.4 62.2

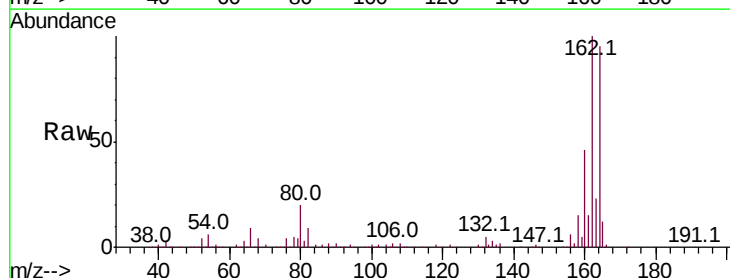


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

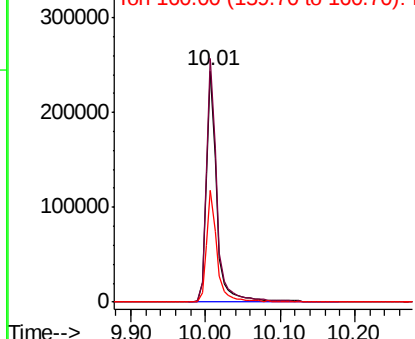
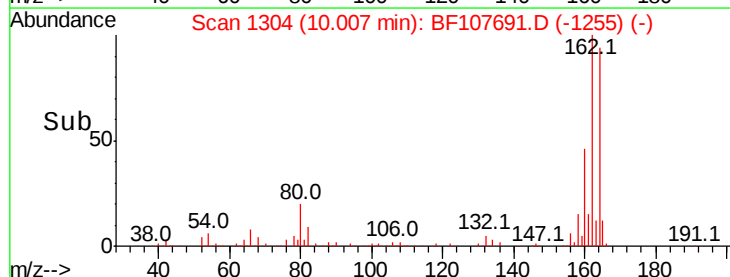


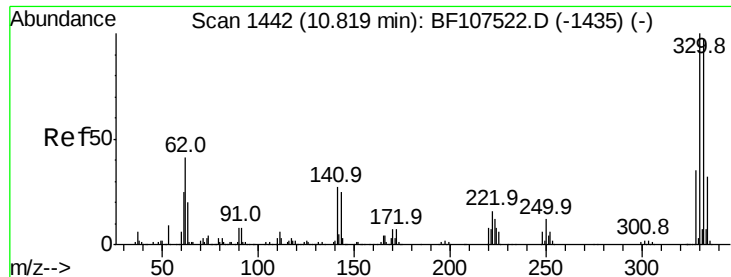
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.01 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BF107691.D
Acq: 26 Jul 2018 7:43

Tgt Ion:164 Resp: 241316
Ion Ratio Lower Upper
164 100
162 105.4 86.1 129.1
160 48.3 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

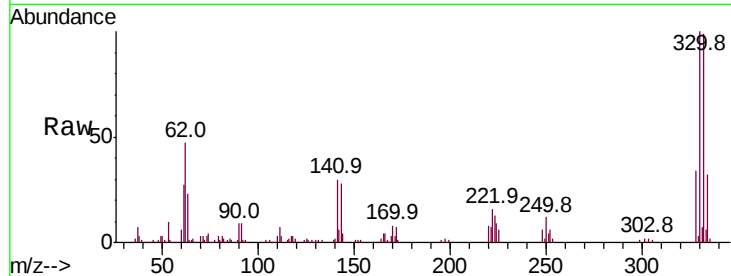




#41
 2,4,6-Tribromophenol
 Concen: 94.600 ng
 RT: 10.80 min Scan# 1439
 Delta R.T. -0.02 min
 Lab File: BF107691.D
 Acq: 26 Jul 2018 7:43

Instrument :
 BNA_F
 ClientSampleId :
 072318-TIPC-E-U-M

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.0	115.6
141	30.1	29.9	44.9

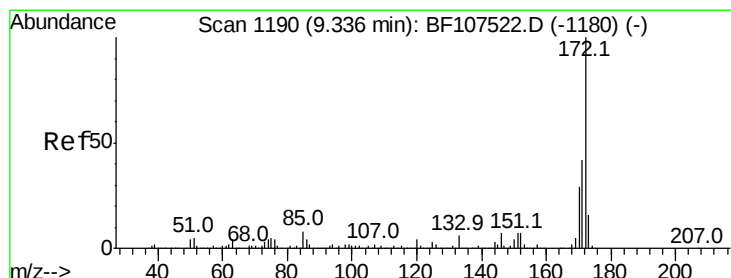
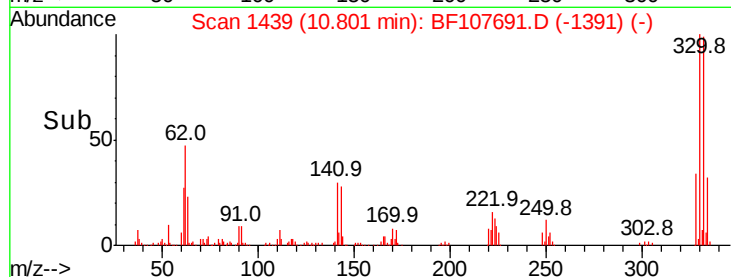
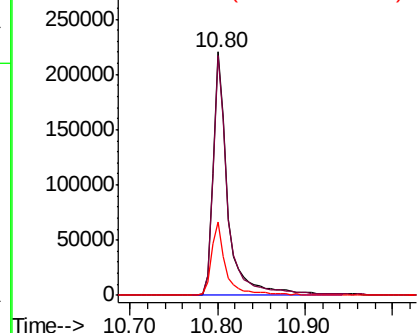


Abundance

Ion 329.80 (329.50 to 330.50): E

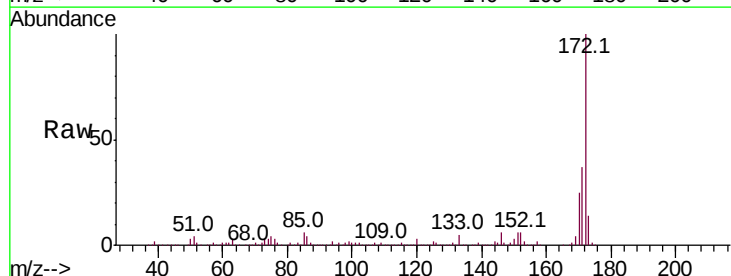
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 183.993 ng
 RT: 9.32 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF107691.D
 Acq: 26 Jul 2018 7:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.7	44.5
170	24.8	19.6	29.4

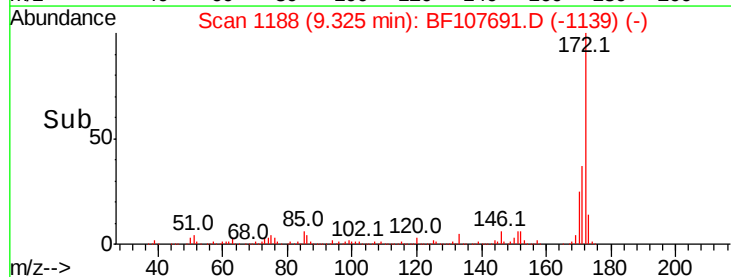
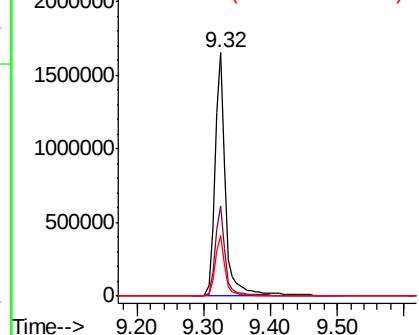


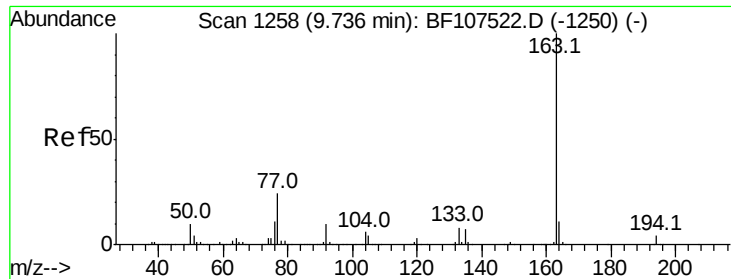
Abundance

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





#49

Dimethylphthalate

Concen: 2.436 ng

RT: 9.71 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF107691.D

Acq: 26 Jul 2018 7:43

Instrument :

BNA_F

ClientSampleId :

072318-TIPC-E-U-M

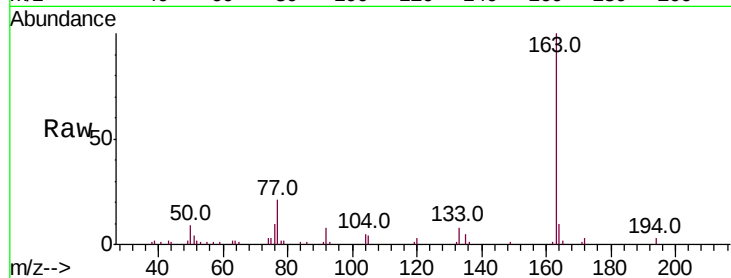
Tot Ion:163 Resp: 44300

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

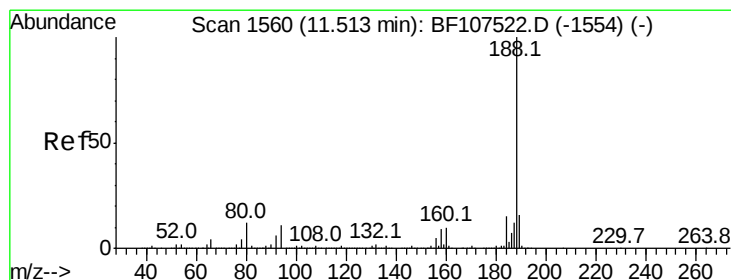
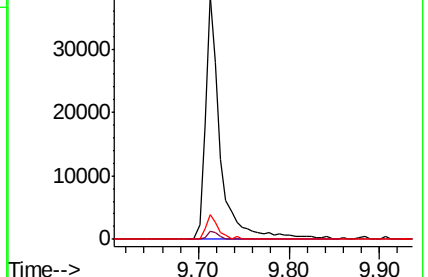
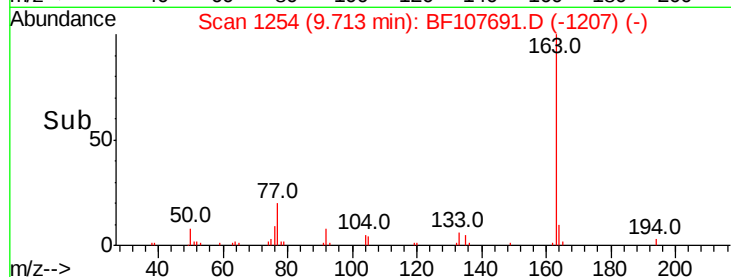
164 10.3 8.2 12.2



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.50 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF107691.D

Acq: 26 Jul 2018 7:43

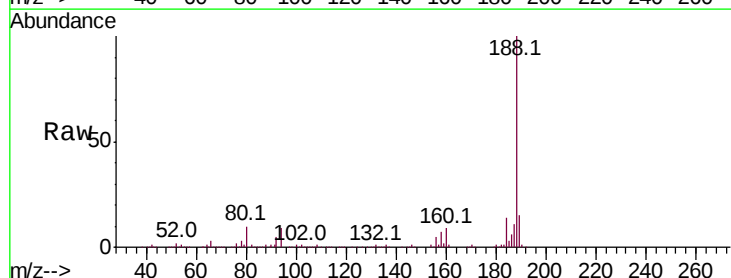
Tgt Ion:188 Resp: 427522

Ion Ratio Lower Upper

188 100

94 9.3 8.5 12.7

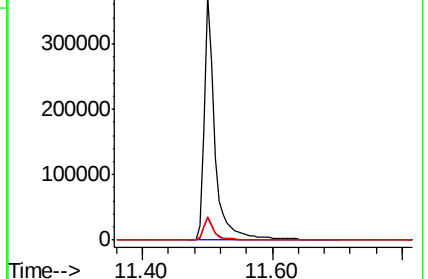
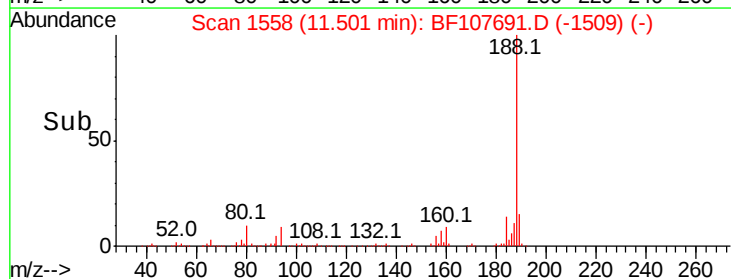
80 9.9 9.2 13.8

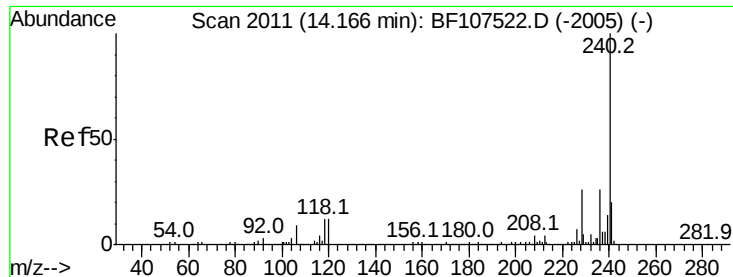


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.15 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF107691.D

Acq: 26 Jul 2018 7:43

Instrument :

BNA_F

ClientSampleId :

072318-TIPC-E-U-M

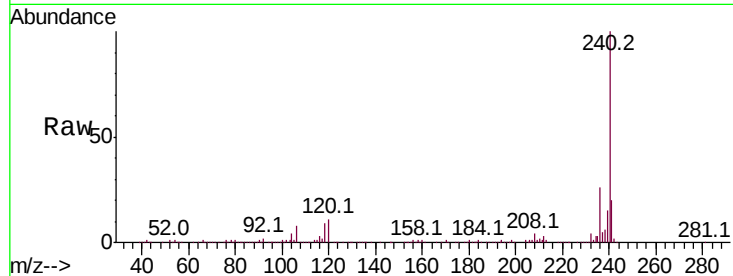
Tot Ion:240 Resp: 352188

Ion Ratio Lower Upper

240 100

120 10.7 9.5 14.3

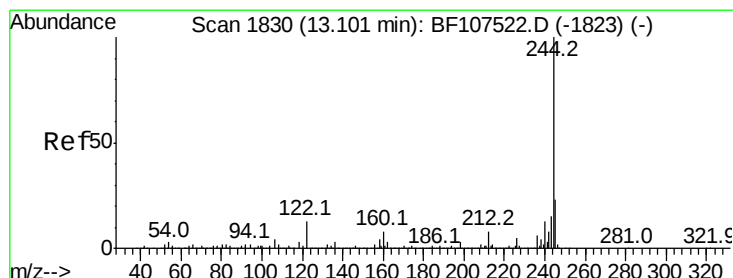
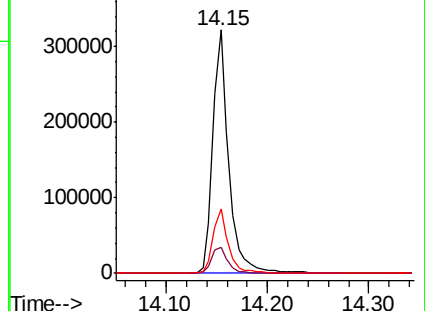
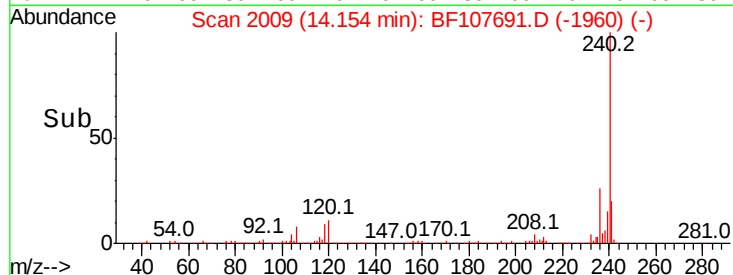
236 26.4 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 92.827 ng

RT: 13.09 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF107691.D

Acq: 26 Jul 2018 7:43

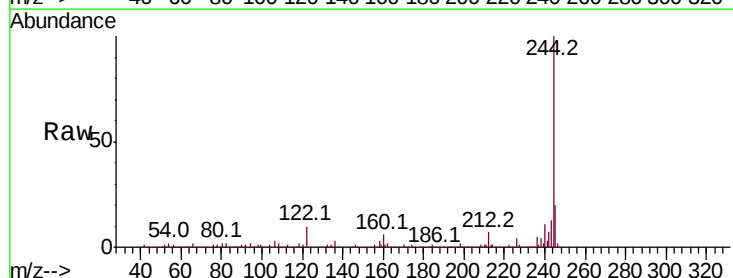
Tgt Ion:244 Resp: 1277005

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

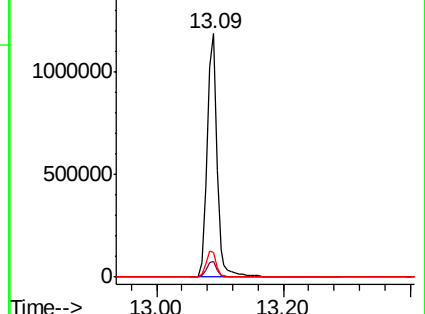
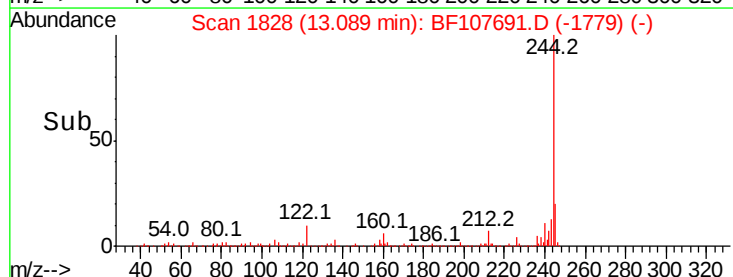
122 10.4 11.0 16.4#

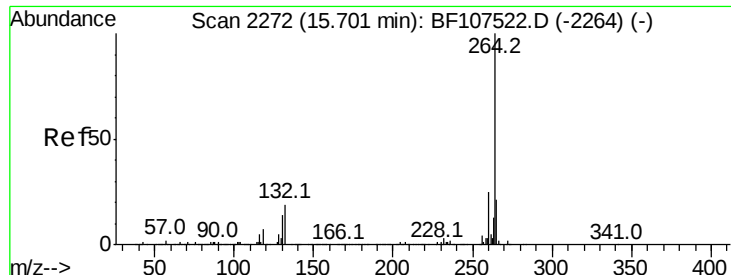


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

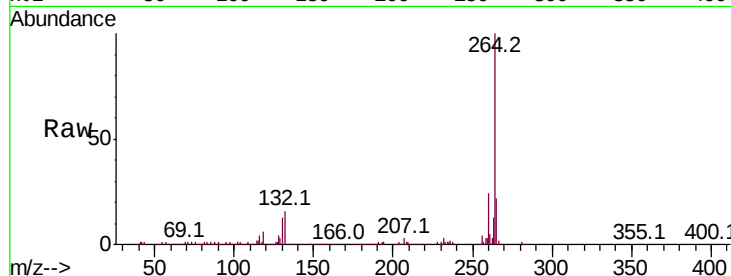




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2270
Delta R.T. -0.01 min
Lab File: BF107691.D
Acq: 26 Jul 2018 7:43

Instrument :
BNA_F
ClientSampleId :
072318-TIPC-E-U-M

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.6	17.5	26.3



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

