

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072718\
 Data File : BF107784.D
 Acq On : 28 Jul 2018 9:10
 Operator : JU/SJ
 Sample : J4199-05
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-34

Quant Time: Jul 30 03:32:08 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	158647	20.00	ng	-0.01
21) Naphthalene-d8	8.24	136	623397	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	241103	20.00	ng	-0.02
63) Phenanthrene-d10	11.50	188	414769	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	434626	20.00	ng	-0.02
86) Perylene-d12	15.68	264	319114	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	474647	48.10	ng	-0.01
7) Phenol-d6	6.60	99	427987	36.12	ng	-0.01
23) Nitrobenzene-d5	7.53	82	964602	104.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	356581	130.06	ng	-0.02
44) 2-Fluorobiphenyl	9.31	172	1785523	163.59	ng	-0.02
78) Terphenyl-d14	13.08	244	1571668	92.58	ng	-0.02

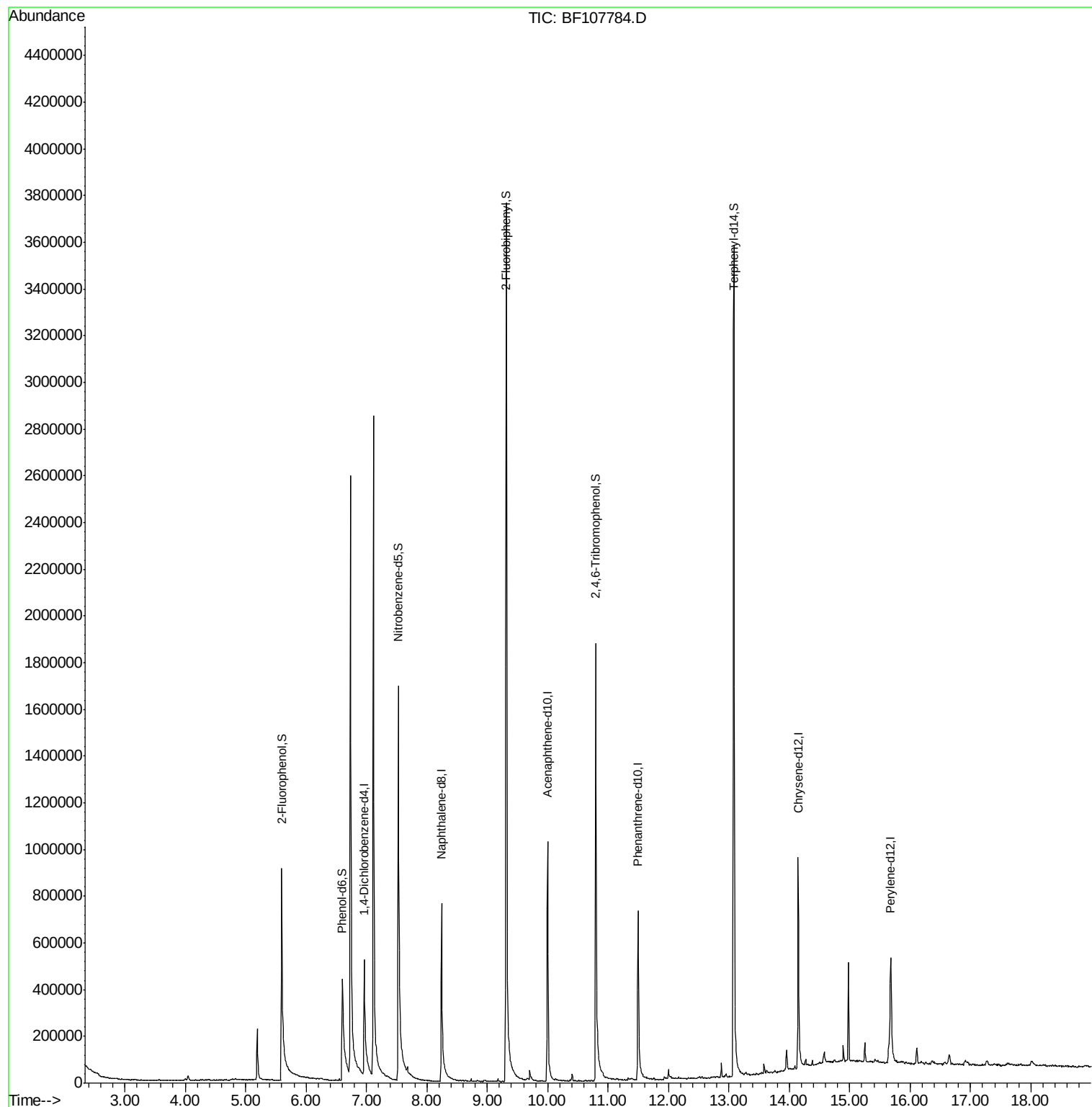
Target Compounds Qvalue

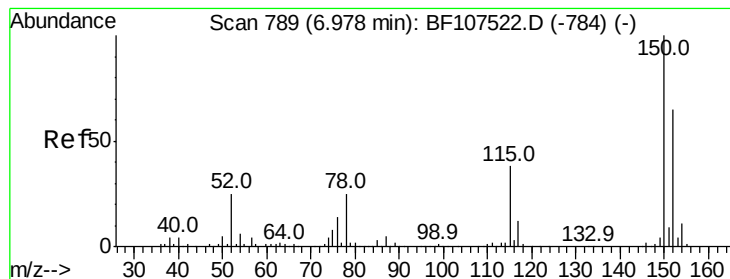
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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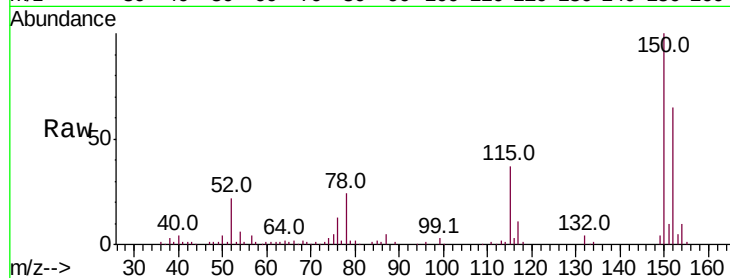


#1

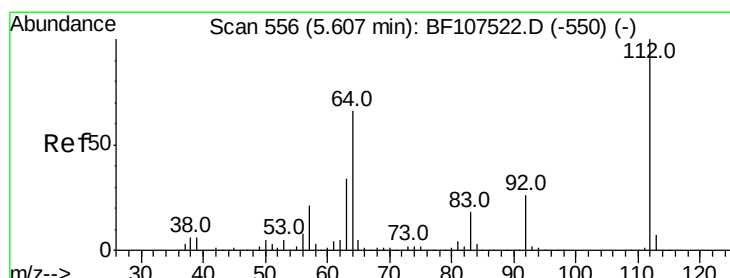
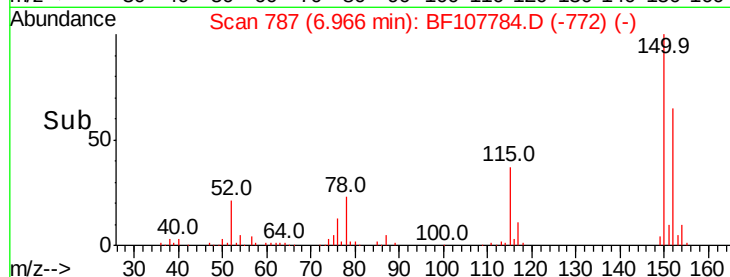
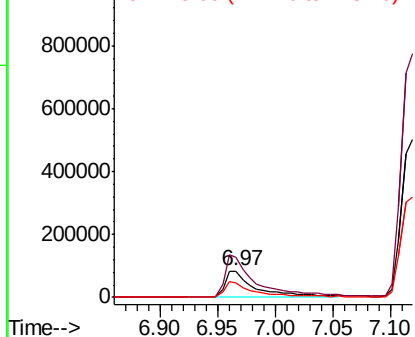
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.97 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF107784.D
Acq: 28 Jul 2018 9:10

Instrument :
BNA_F
ClientSampleId :
MW-34

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	124.6	186.8
115	57.1	50.1	75.1



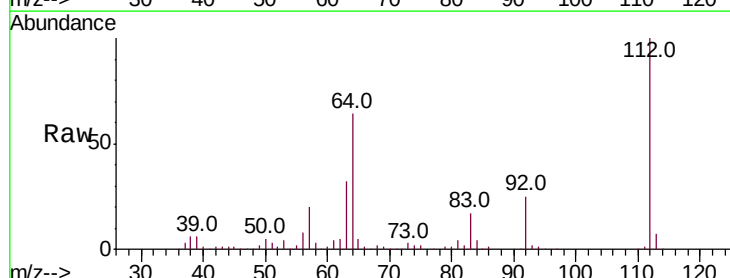
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



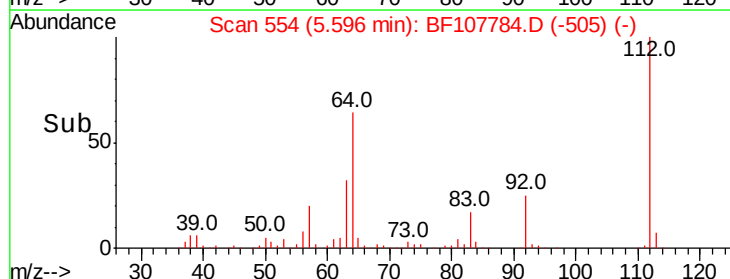
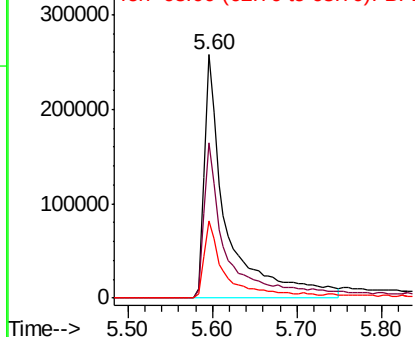
#5

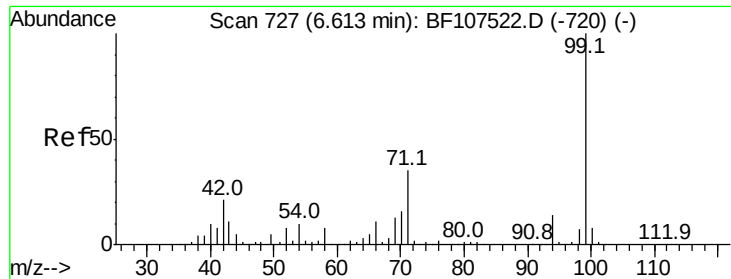
2-Fluorophenol
Concen: 48.103 ng
RT: 5.60 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF107784.D
Acq: 28 Jul 2018 9:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	47.9	71.9
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: 36.123 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF107784.D

Acq: 28 Jul 2018 9:10

Instrument :

BNA_F

ClientSampleId :

MW-34

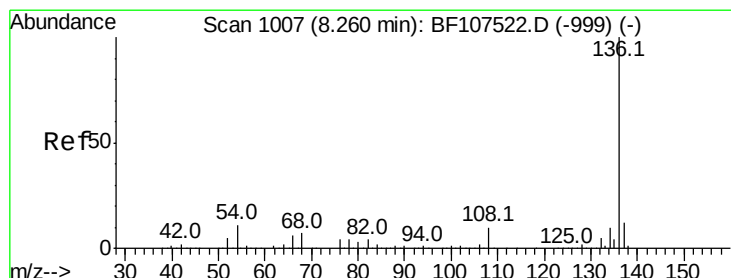
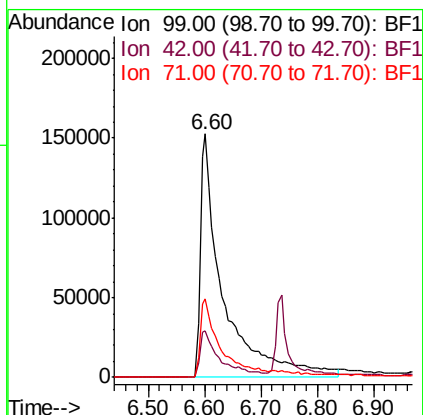
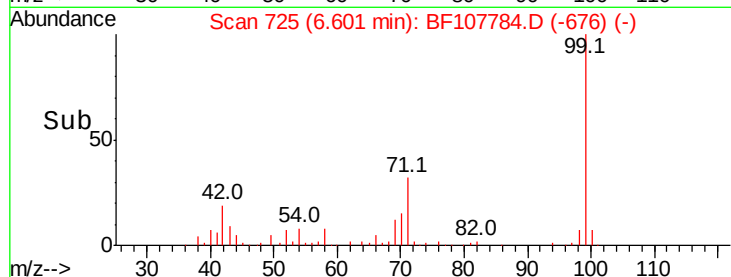
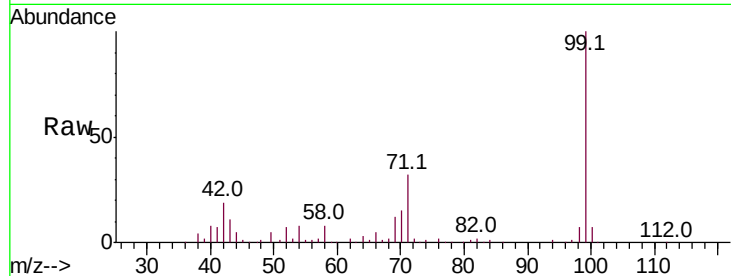
Tot Ion: 99 Resp: 427987

Ion Ratio Lower Upper

99 100

42 19.2 14.5 21.7

71 32.3 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.24 min Scan# 1004

Delta R.T. -0.02 min

Lab File: BF107784.D

Acq: 28 Jul 2018 9:10

Tgt Ion: 136 Resp: 623397

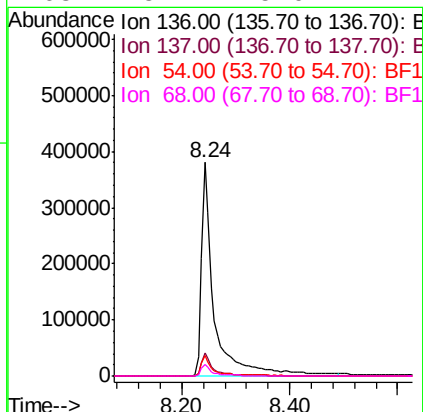
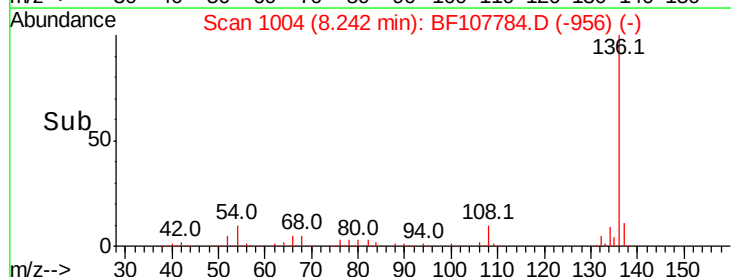
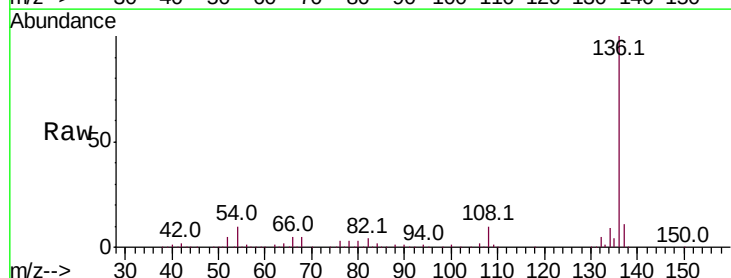
Ion Ratio Lower Upper

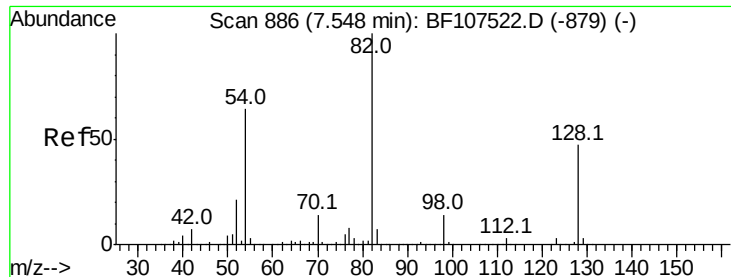
136 100

137 11.0 8.9 13.3

54 9.9 6.6 9.8#

68 5.2 5.0 7.4

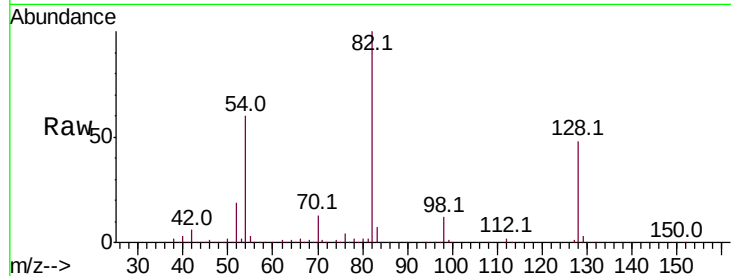




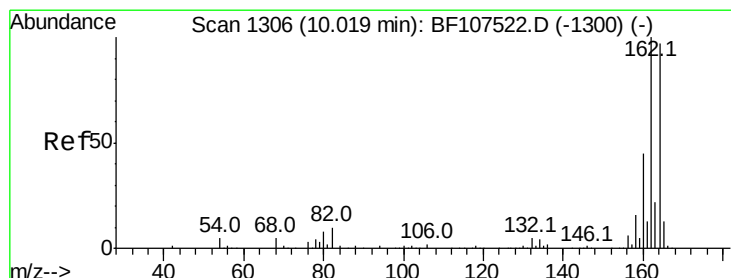
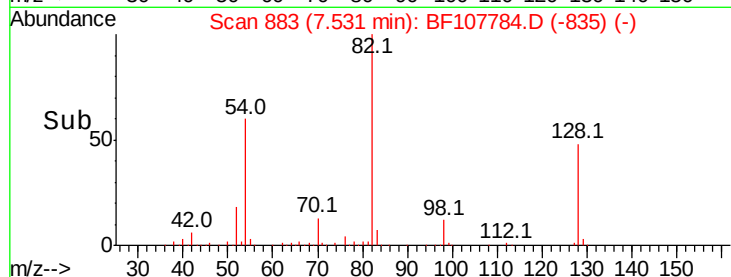
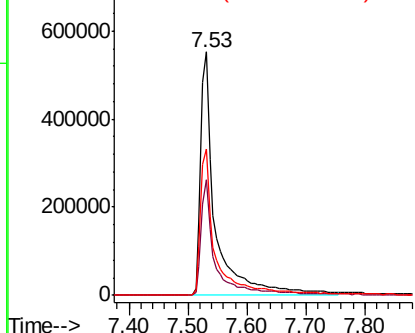
#23
Nitrobenzene-d5
Concen: 104.426 ng
RT: 7.53 min Scan# 883
Delta R.T. -0.02 min
Lab File: BF107784.D
Acq: 28 Jul 2018 9:10

Instrument :
BNA_F
ClientSampleId :
MW-34

Tot Ion: 82 Resp: 964602
Ion Ratio Lower Upper
82 100
128 47.6 36.1 54.1
54 60.3 41.4 62.2

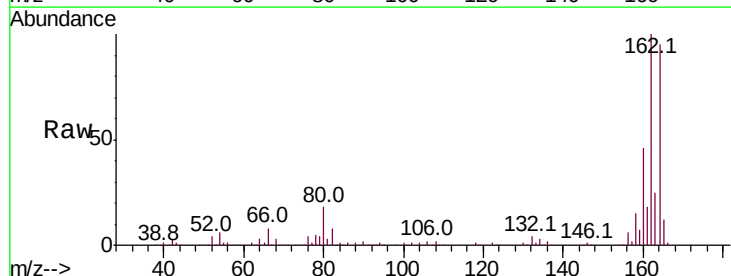


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

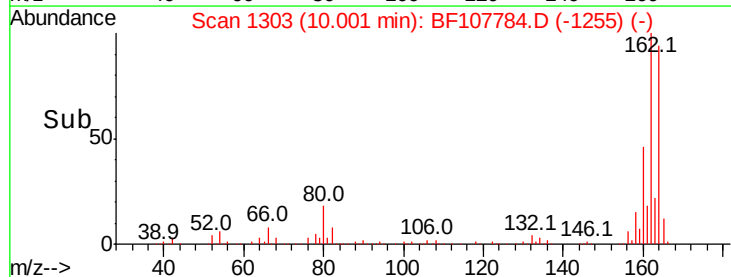
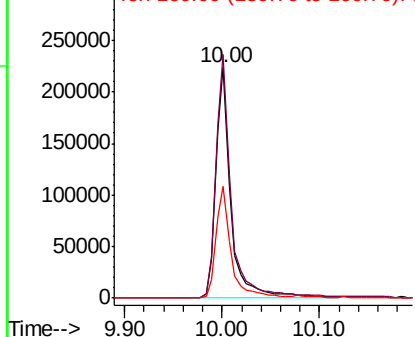


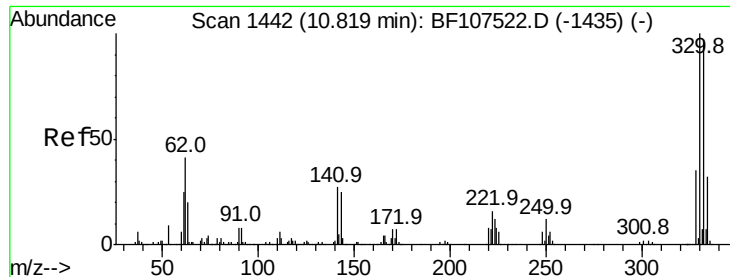
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BF107784.D
Acq: 28 Jul 2018 9:10

Tgt Ion:164 Resp: 241103
Ion Ratio Lower Upper
164 100
162 105.8 86.1 129.1
160 48.5 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

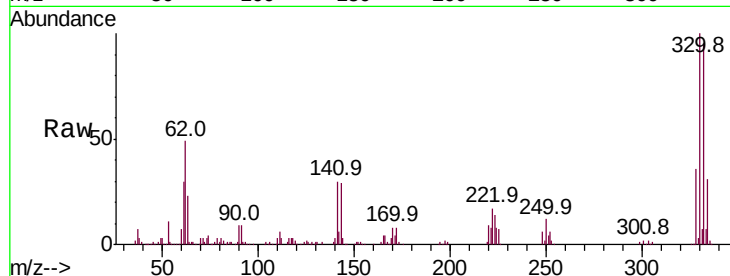




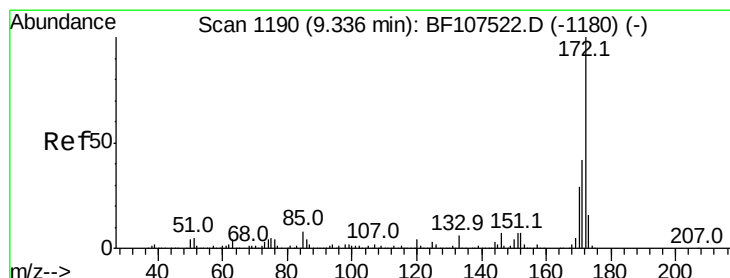
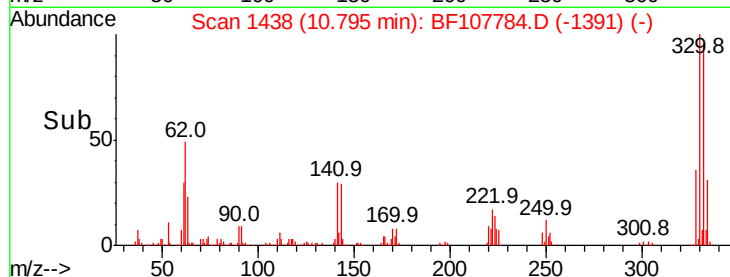
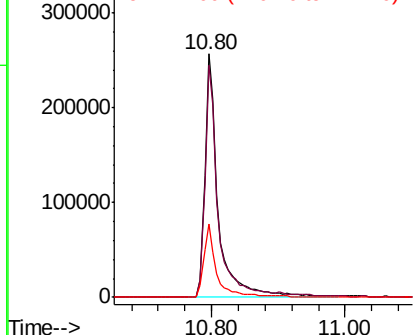
#41
 2,4,6-Tribromophenol
 Concen: 130.058 ng
 RT: 10.80 min Scan# 1438
 Delta R.T. -0.02 min
 Lab File: BF107784.D
 Acq: 28 Jul 2018 9:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-34

Tot Ion:330 Resp: 356581
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.0 115.6
 141 28.2 29.9 44.9#

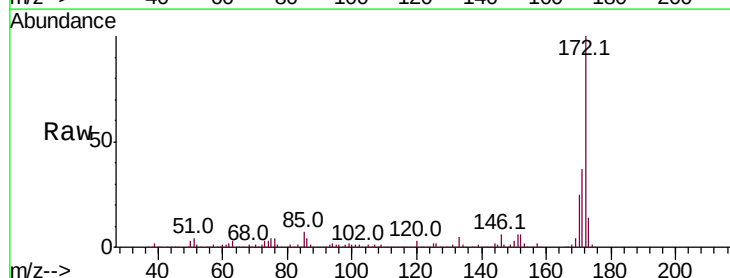


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

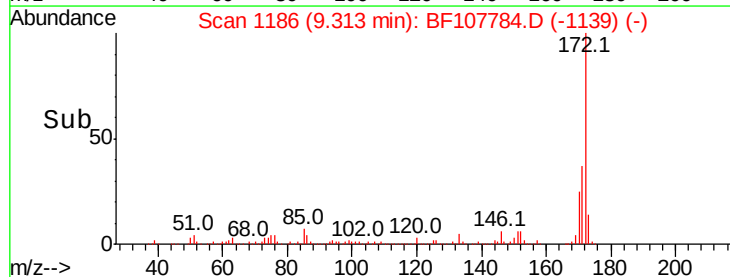
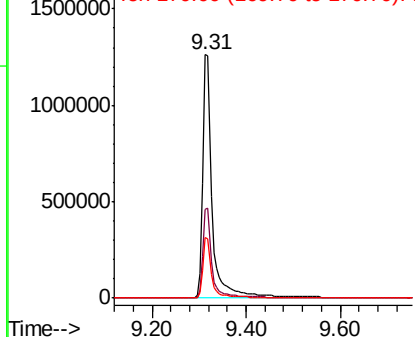


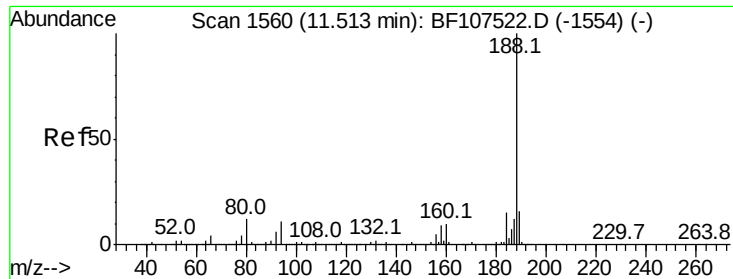
#44
 2-Fluorobiphenyl
 Concen: 163.593 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.02 min
 Lab File: BF107784.D
 Acq: 28 Jul 2018 9:10

Tgt Ion:172 Resp: 1785523
 Ion Ratio Lower Upper
 172 100
 171 36.7 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

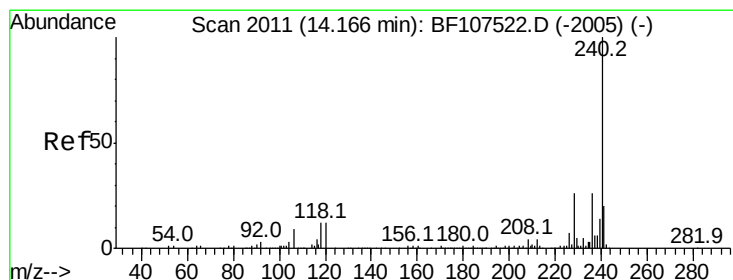
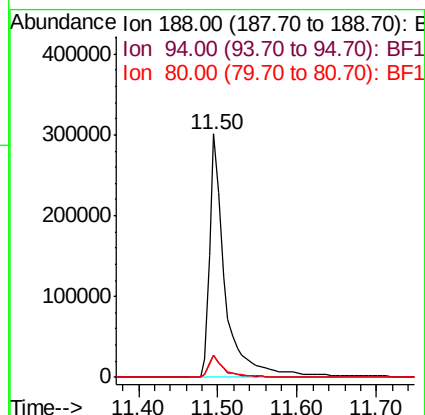
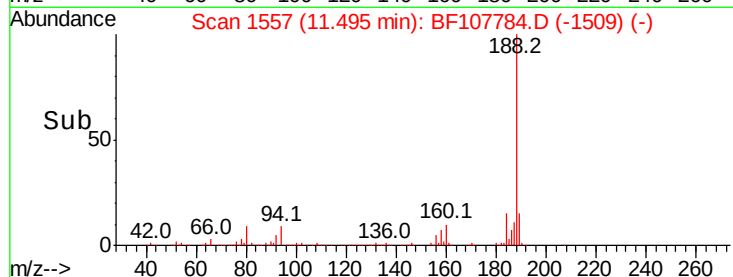
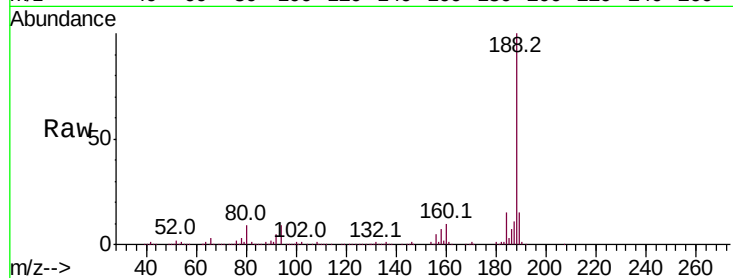




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.50 min Scan# 1557
Delta R.T. -0.02 min
Lab File: BF107784.D
Acq: 28 Jul 2018 9:10

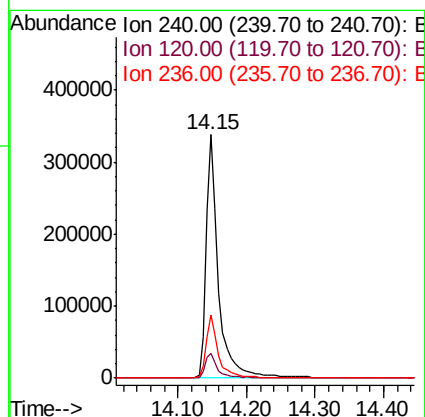
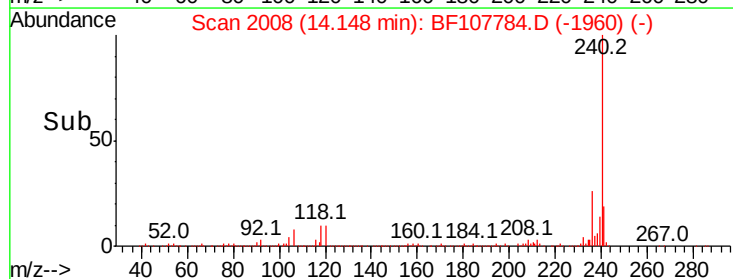
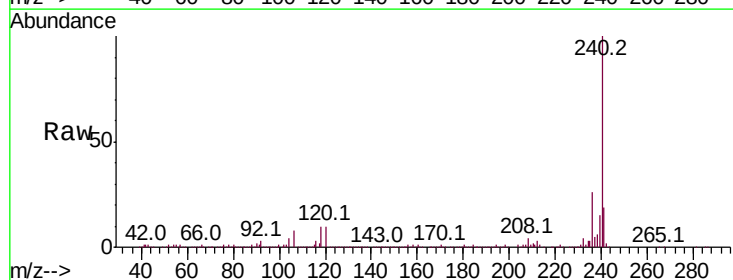
Instrument :
BNA_F
ClientSampleId :
MW-34

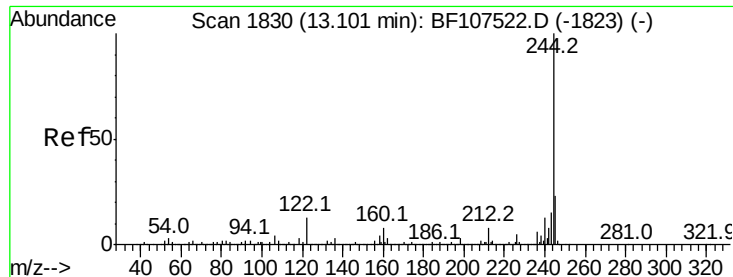
Tot Ion:188 Resp: 414769
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 9.3 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.15 min Scan# 2008
Delta R.T. -0.02 min
Lab File: BF107784.D
Acq: 28 Jul 2018 9:10

Tgt Ion:240 Resp: 434626
Ion Ratio Lower Upper
240 100
120 9.9 9.5 14.3
236 25.7 20.7 31.1



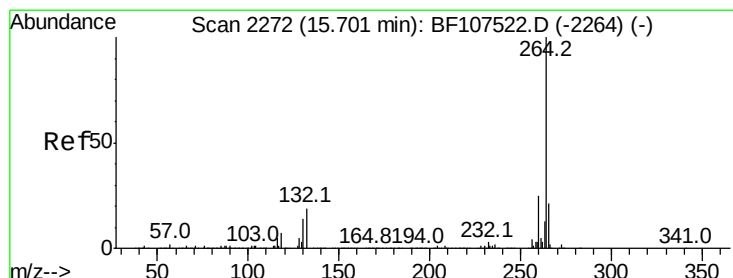
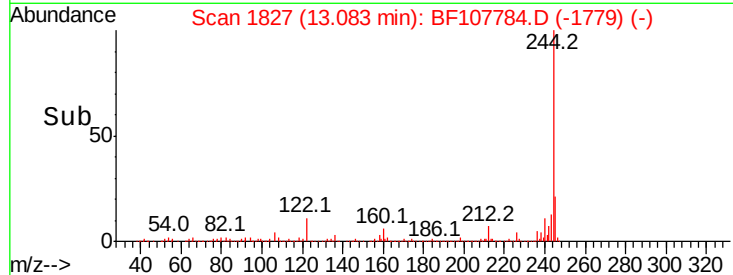
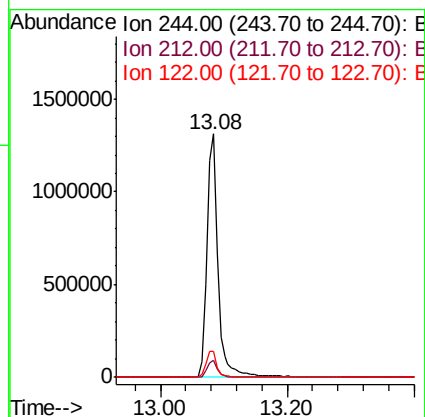
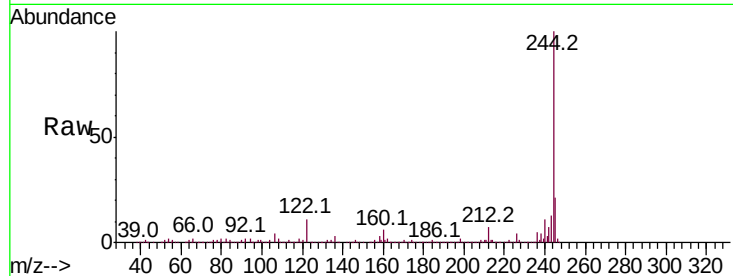


#78
 Terphenyl-d14
 Concen: 92.576 ng
 RT: 13.08 min Scan# 1827
 Delta R.T. -0.02 min
 Lab File: BF107784.D
 Acq: 28 Jul 2018 9:10

Instrument :
 BNA_F
 ClientSampleId :
 MW-34

Tot Ion:244 Resp: 1571668

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	10.6	11.0	16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.68 min Scan# 2268
 Delta R.T. -0.02 min
 Lab File: BF107784.D
 Acq: 28 Jul 2018 9:10

Tgt Ion:264 Resp: 319114

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.7	17.5	26.3

