

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
 Data File : BF088753.D
 Acq On : 7 Jul 2016 00:25
 Operator : UM/SJ
 Sample : H3900-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-1

Quant Time: Jul 07 01:51:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 01:24:07 2016
 Response via : Initial Calibration

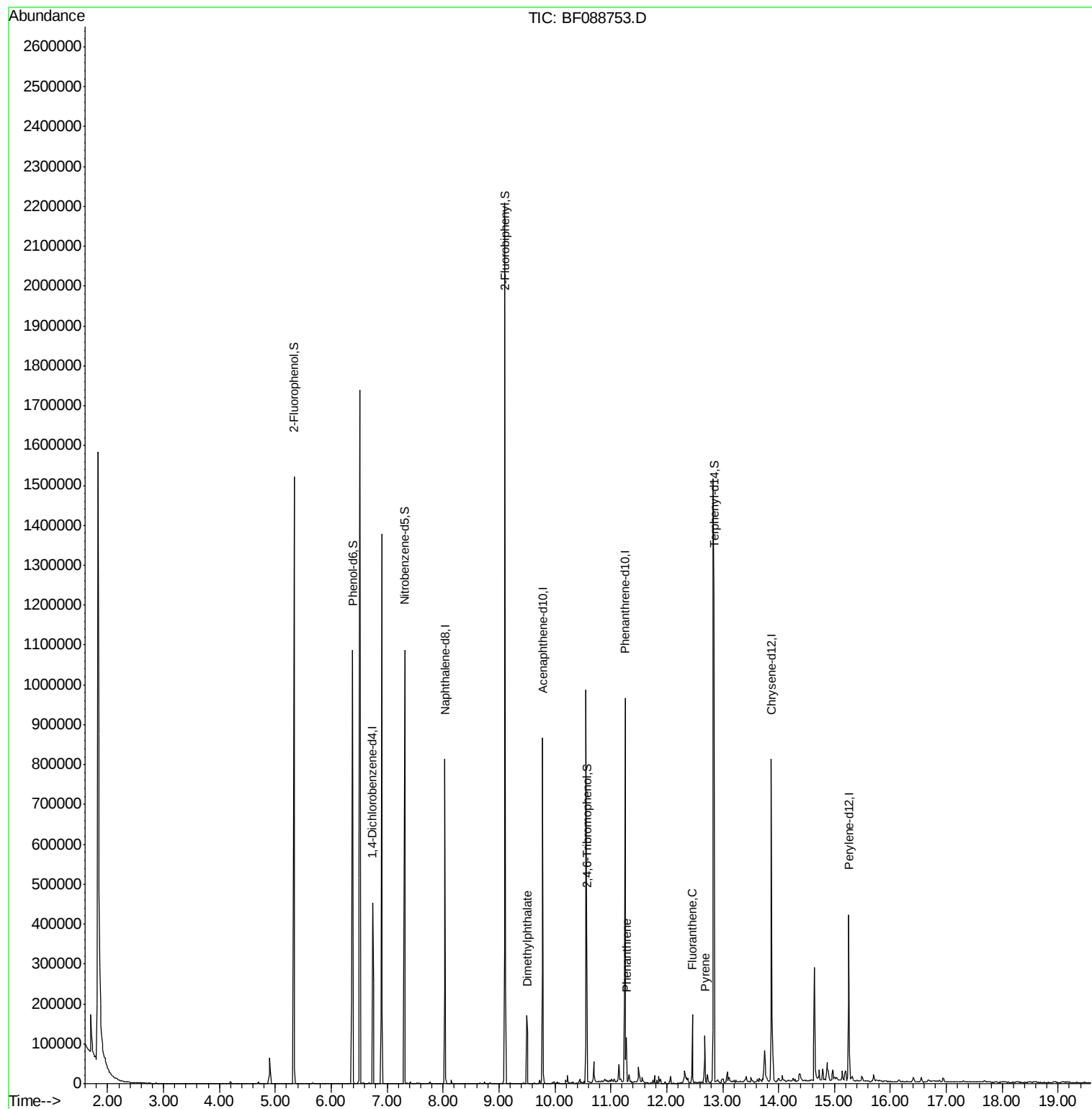
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	80355	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	365830	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	170239	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	328911	20.00	ng	0.00
75) Chrysene-d12	13.87	240	233740	20.00	ng	-0.01
86) Perylene-d12	15.26	264	177758	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	430297	80.25	ng	0.00
7) Phenol-d6	6.39	99	619788	89.46	ng	0.00
23) Nitrobenzene-d5	7.31	82	406260	58.20	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	124162	78.54	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	627227	58.20	ng	-0.01
78) Terphenyl-d14	12.85	244	656573	62.57	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.51	163	95453	7.87	ng	98
70) Phenanthrene	11.28	178	42906	2.39	ng	98
74) Fluoranthene	12.46	202	61665	3.38	ng	97
77) Pyrene	12.69	202	52409	2.64	ng	97

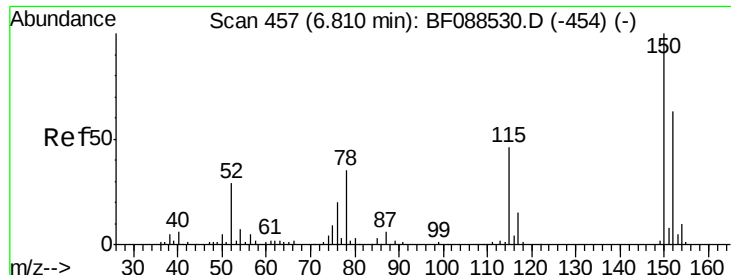
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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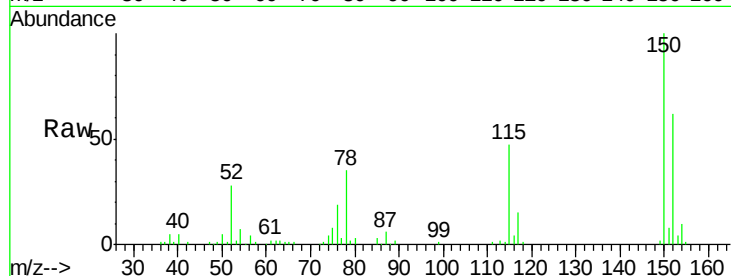


#1

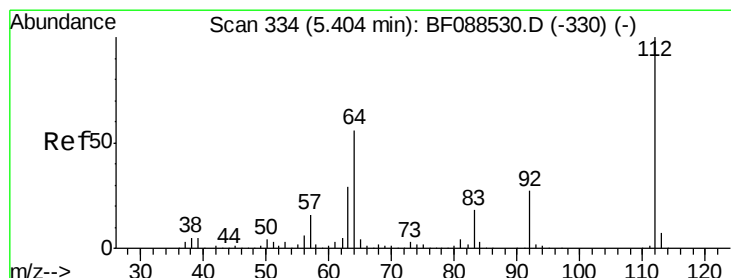
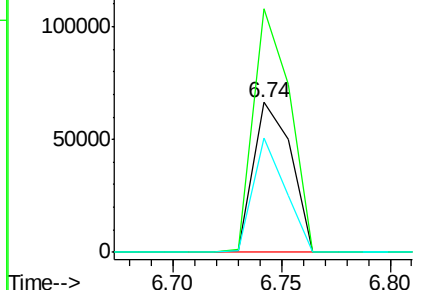
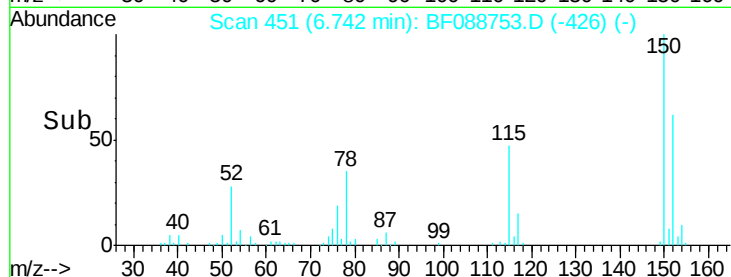
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 451
Delta R.T. -0.01 min
Lab File: BF088753.D
Acq: 7 Jul 2016 00:25

Instrument :
BNA_F
ClientSampled :
P-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.3	123.8	185.6
115	76.2	39.6	59.4



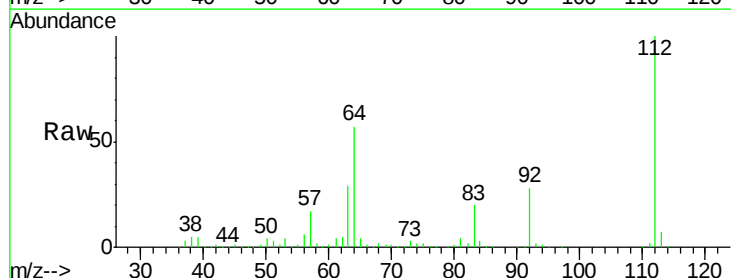
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



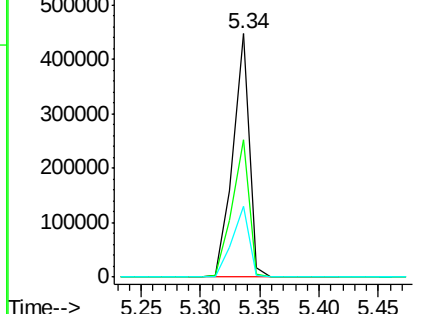
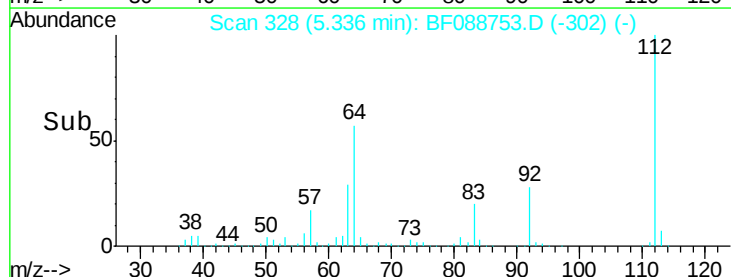
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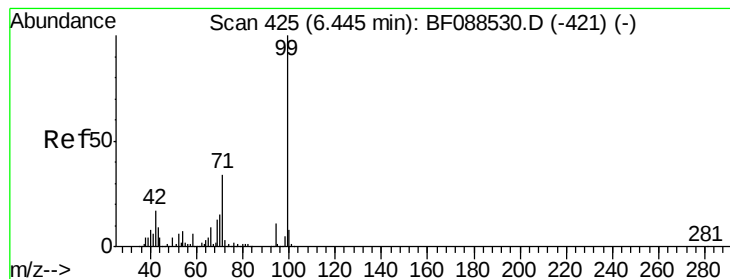
2-Fluorophenol
Concen: 80.25 ng
RT: 5.34 min Scan# 328
Delta R.T. 0.00 min
Lab File: BF088753.D
Acq: 7 Jul 2016 00:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.6	42.2	63.2
63	29.3	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 89.46 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF088753.D

Acq: 7 Jul 2016 00:25

Instrument :

BNA_F

ClientSampleId :

P-1

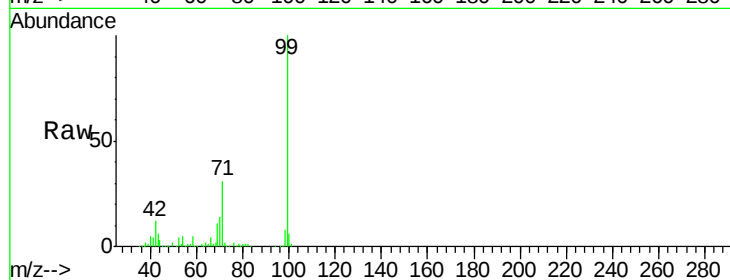
Tot Ion: 99 Resp: 619788

Ion Ratio Lower Upper

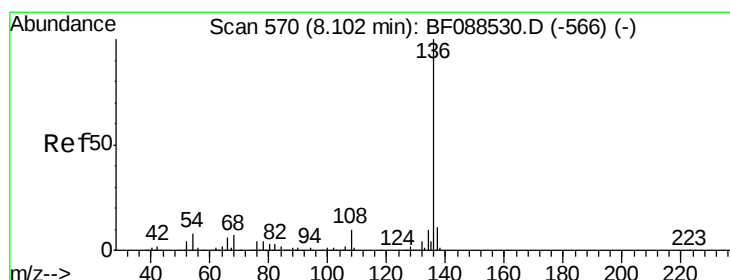
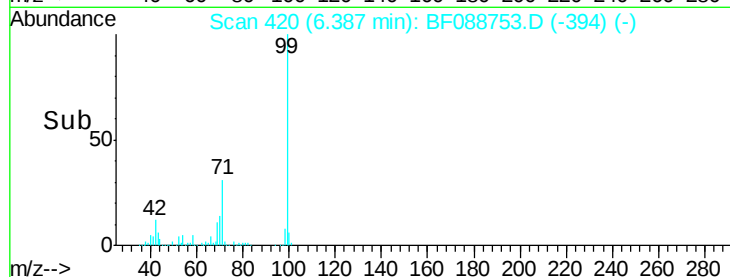
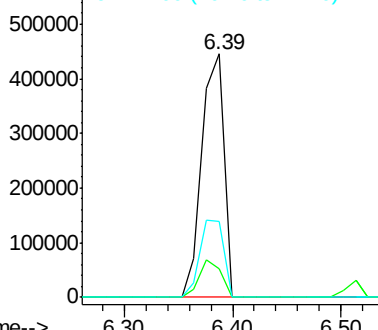
99 100

42 12.0 12.2 18.2#

71 31.0 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 564

Delta R.T. 0.00 min

Lab File: BF088753.D

Acq: 7 Jul 2016 00:25

Tgt Ion: 136 Resp: 365830

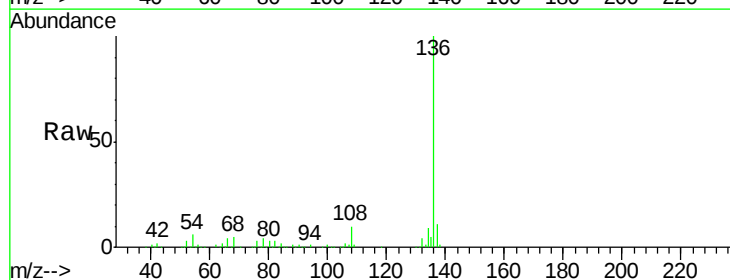
Ion Ratio Lower Upper

136 100

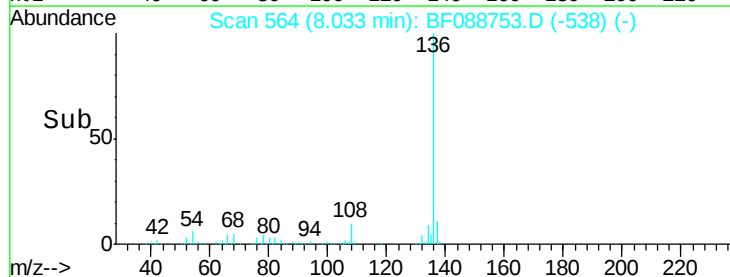
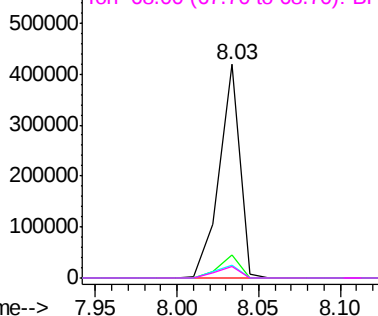
137 10.7 9.1 13.7

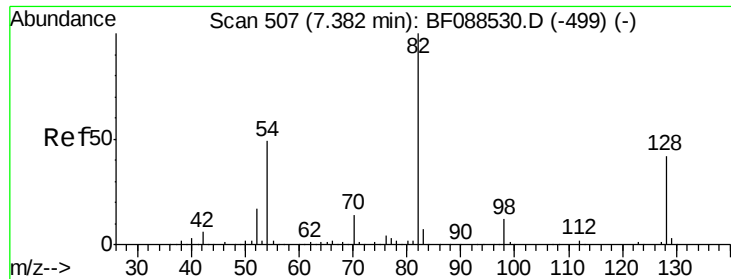
54 5.9 6.6 10.0#

68 5.2 5.1 7.7



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): BF0
Ion 68.00 (67.70 to 68.70): BF0

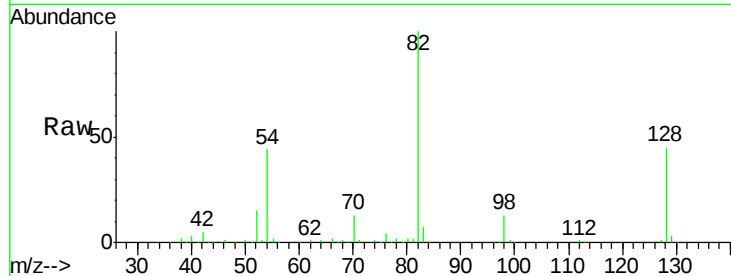




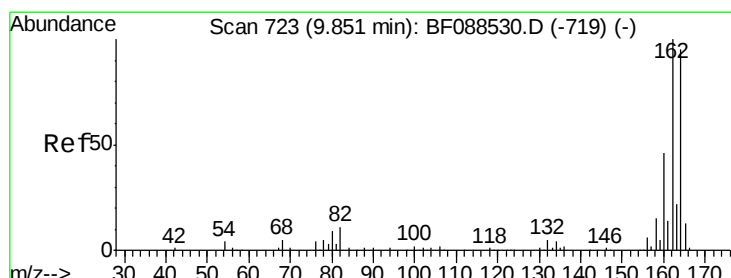
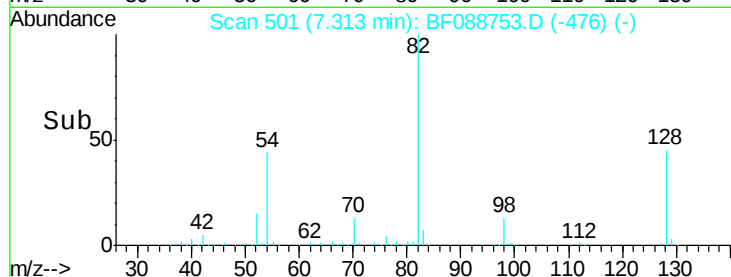
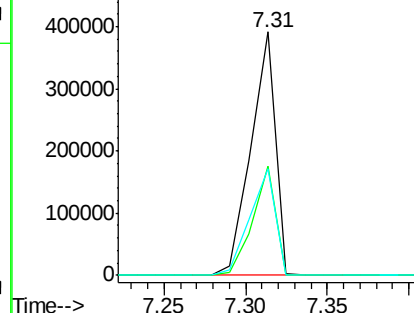
#23
 Nitrobenzene-d5
 Concen: 58.20 ng
 RT: 7.31 min Scan# 501
 Delta R.T. -0.01 min
 Lab File: BF088753.D
 Acq: 7 Jul 2016 00:25

Instrument :
 BNA_F
 ClientSampleId :
 P-1

Tot Ion: 82 Resp: 406260
 Ion Ratio Lower Upper
 82 100
 128 45.1 35.9 53.9
 54 43.8 40.9 61.3

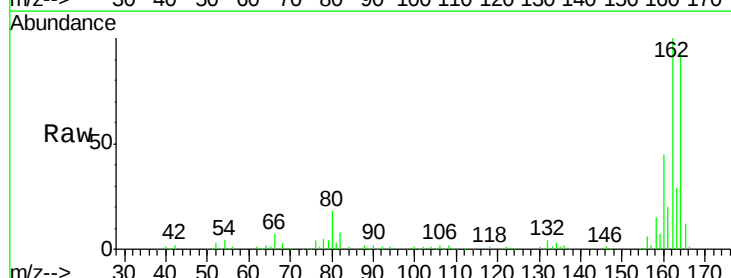


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

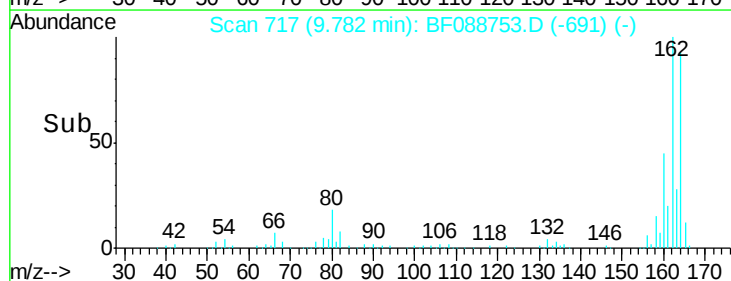
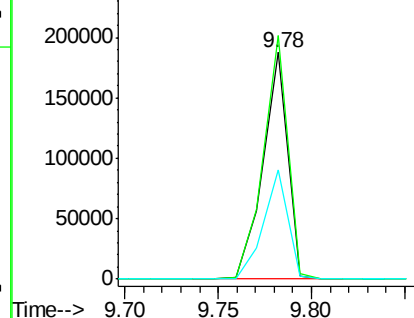


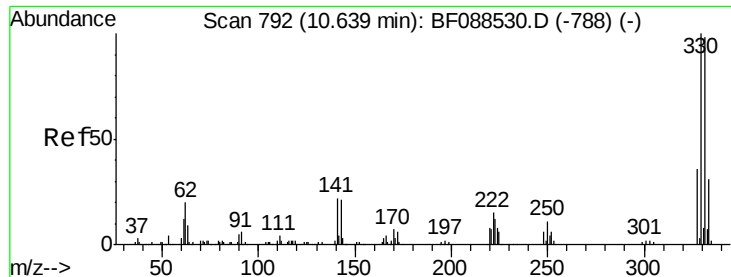
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.78 min Scan# 717
 Delta R.T. 0.00 min
 Lab File: BF088753.D
 Acq: 7 Jul 2016 00:25

Tgt Ion:164 Resp: 170239
 Ion Ratio Lower Upper
 164 100
 162 107.6 85.4 128.2
 160 48.2 39.5 59.3



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

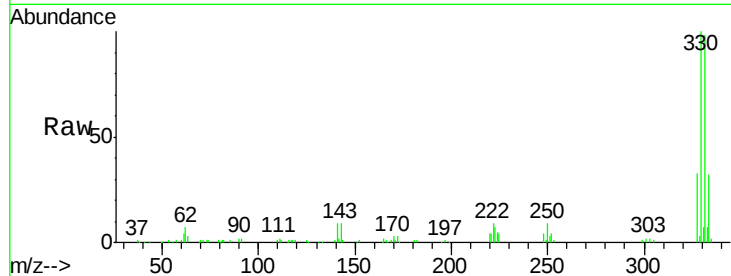




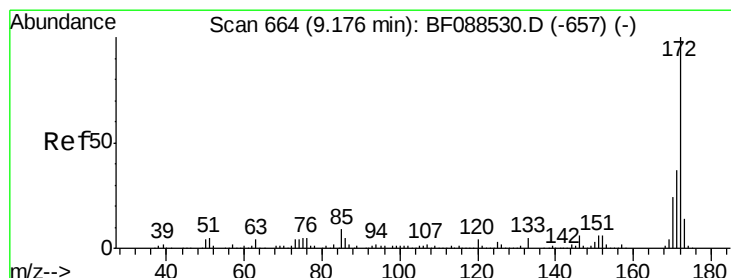
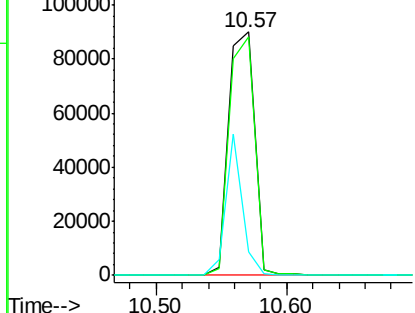
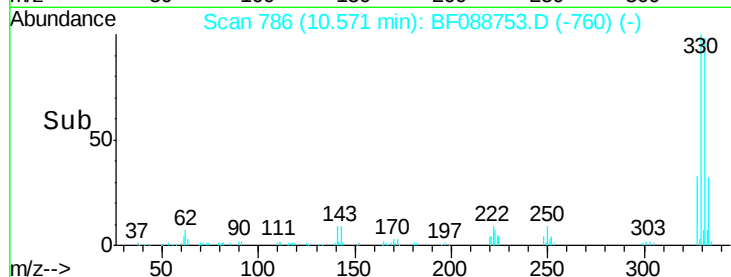
#41
 2,4,6-Tribromophenol
 Concen: 78.54 ng
 RT: 10.57 min Scan# 786
 Delta R.T. 0.00 min
 Lab File: BF088753.D
 Acq: 7 Jul 2016 00:25

Instrument :
 BNA_F
 ClientSampleId :
 P-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	36.8	0.0	0.0#

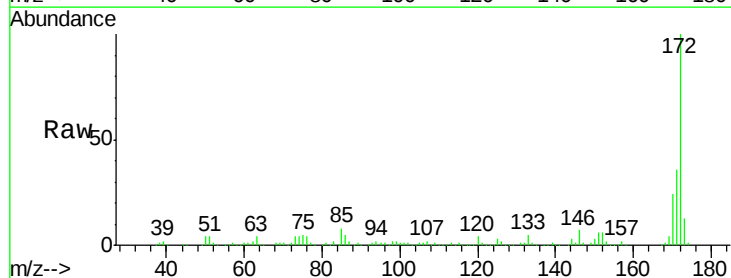


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

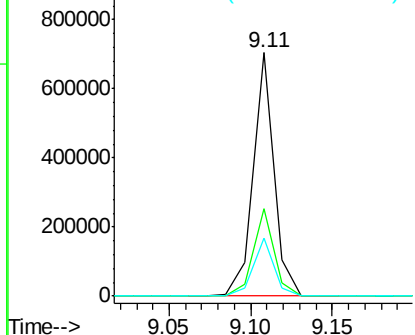
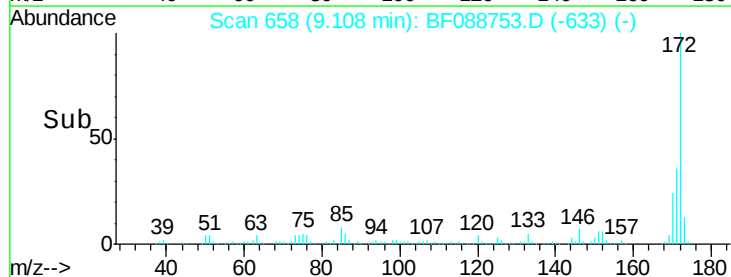


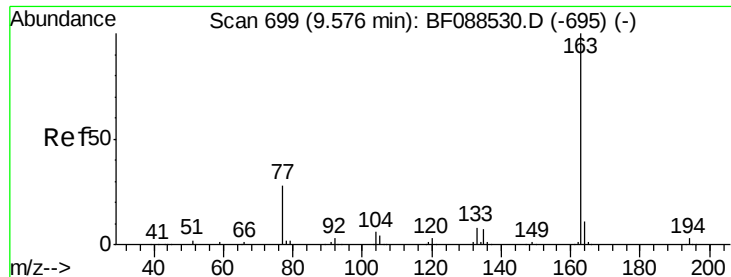
#44
 2-Fluorobiphenyl
 Concen: 58.20 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF088753.D
 Acq: 7 Jul 2016 00:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.0	19.2	28.8



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

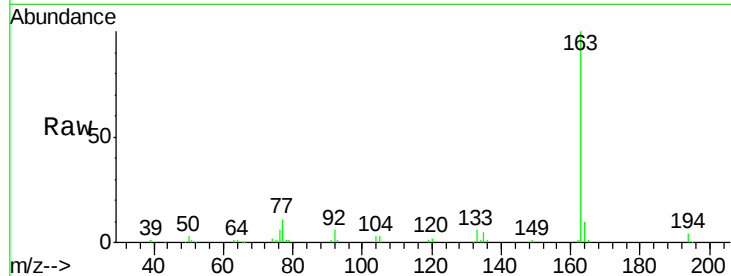




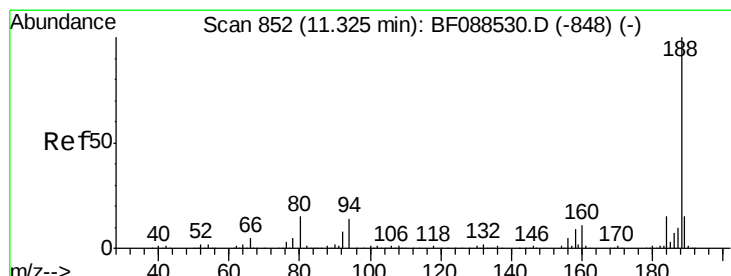
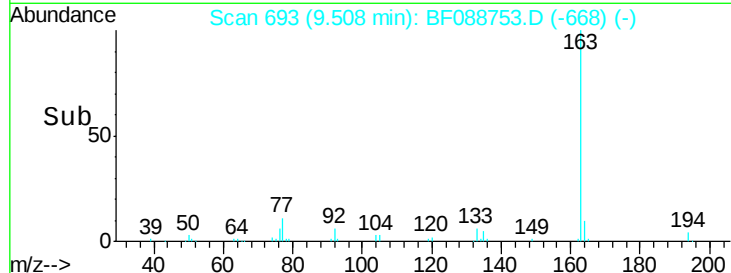
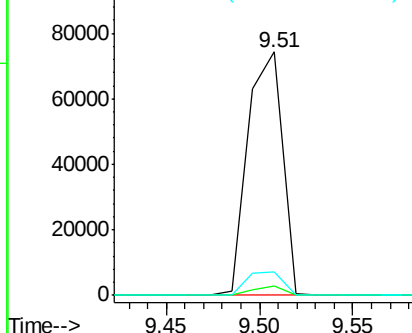
#49
Dimethylphthalate
Concen: 7.87 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF088753.D
Acq: 7 Jul 2016 00:25

Instrument :
BNA_F
ClientSampleId :
P-1

Tot Ion:163 Resp: 95453
Ion Ratio Lower Upper
163 100
194 4.0 2.8 4.2
164 9.7 8.3 12.5

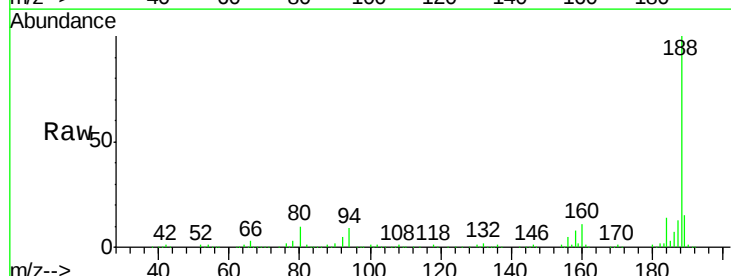


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

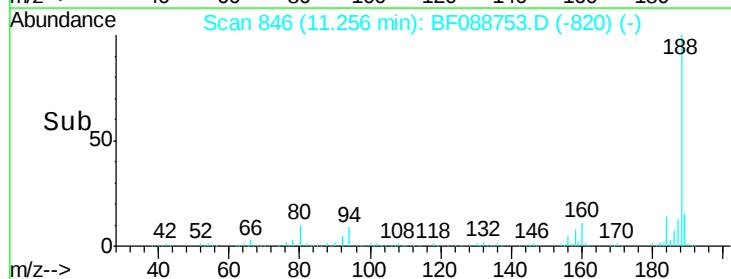
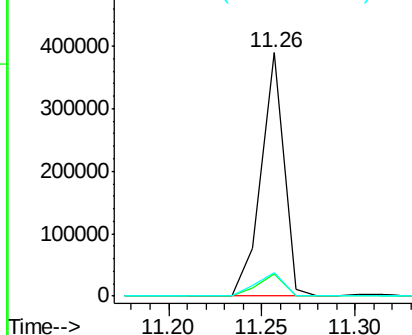


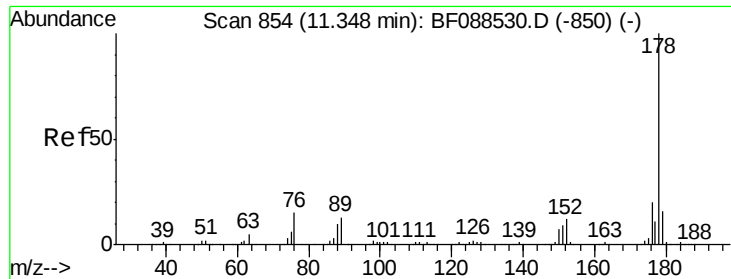
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF088753.D
Acq: 7 Jul 2016 00:25

Tgt Ion:188 Resp: 328911
Ion Ratio Lower Upper
188 100
94 9.0 9.0 13.6#
80 9.7 10.0 15.0#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

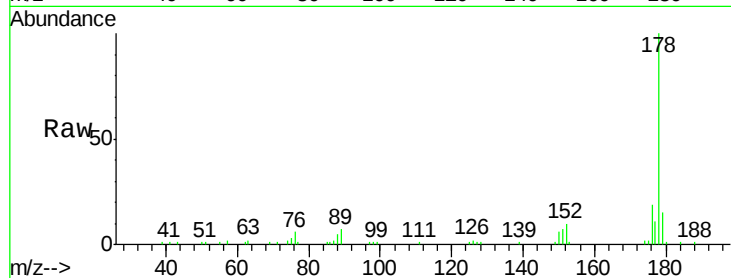




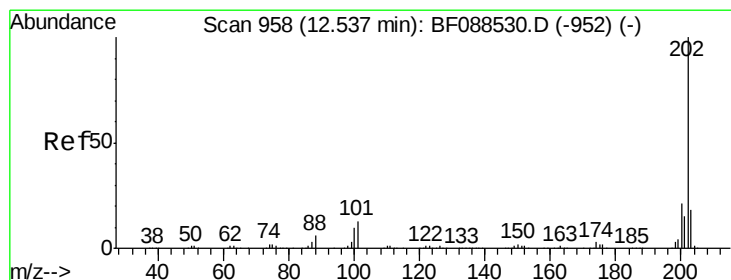
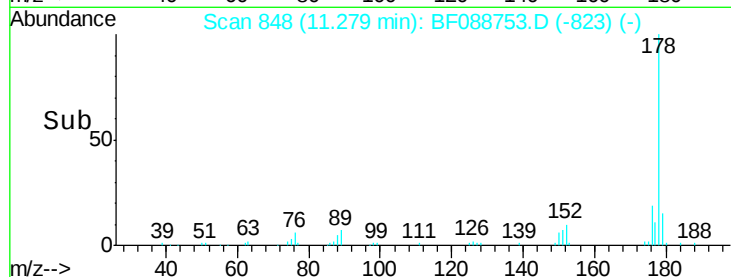
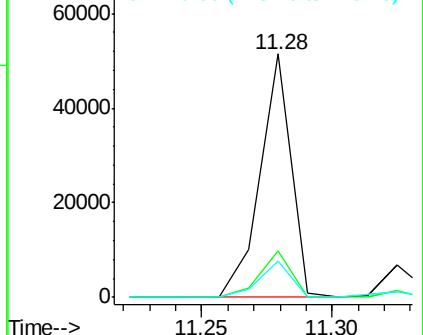
#70
Phenanthrene
Concen: 2.39 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF088753.D
Acq: 7 Jul 2016 00:25

Instrument :
BNA_F
ClientSampleId :
P-1

Tot Ion:178 Resp: 42906
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.1 13.0 19.4

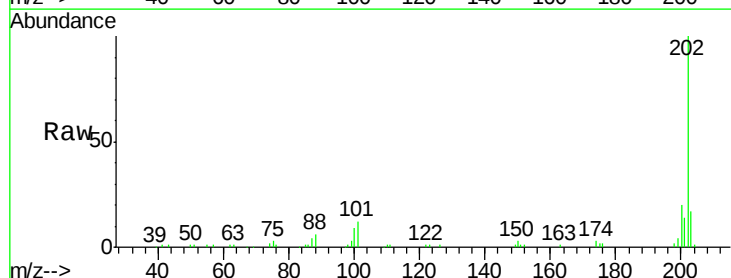


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

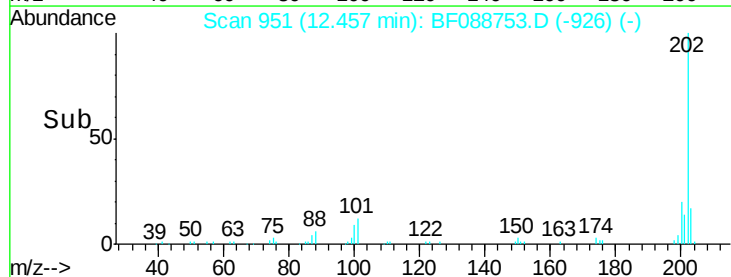
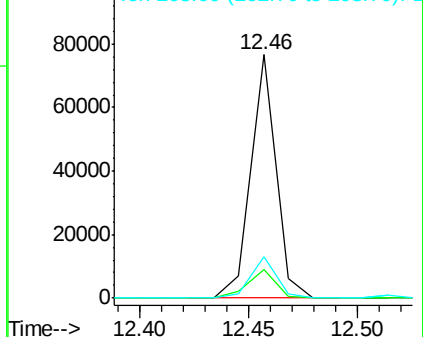


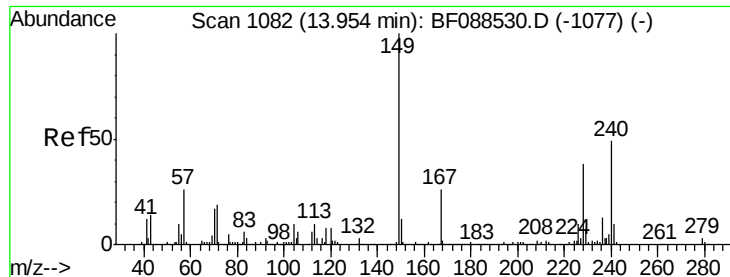
#74
Fluoranthene
Concen: 3.38 ng
RT: 12.46 min Scan# 951
Delta R.T. -0.01 min
Lab File: BF088753.D
Acq: 7 Jul 2016 00:25

Tgt Ion:202 Resp: 61665
Ion Ratio Lower Upper
202 100
101 11.5 0.0 33.1
203 16.8 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 1075

Delta R.T. -0.01 min

Lab File: BF088753.D

Acq: 7 Jul 2016 00:25

Instrument :

BNA_F

ClientSampleId :

P-1

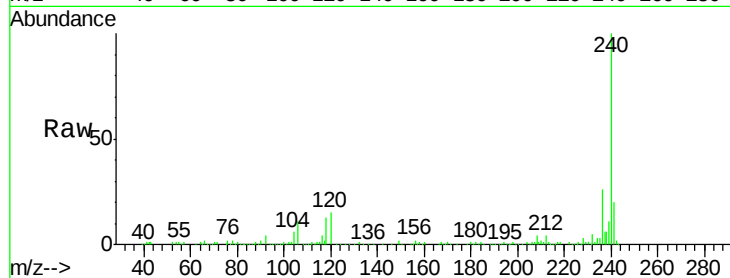
Tot Ion:240 Resp: 233740

Ion Ratio Lower Upper

240 100

120 14.5 6.8 10.2#

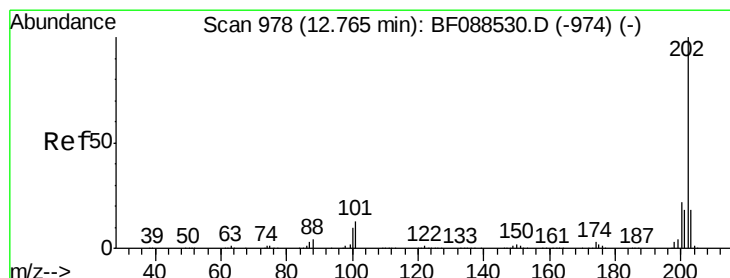
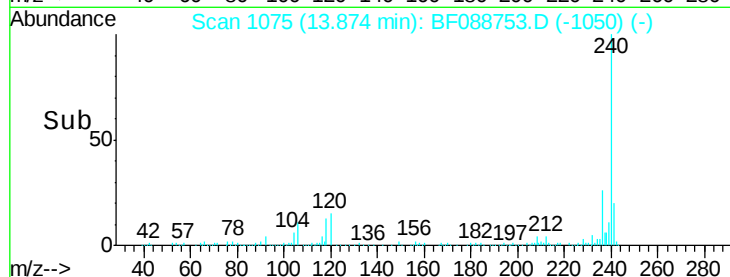
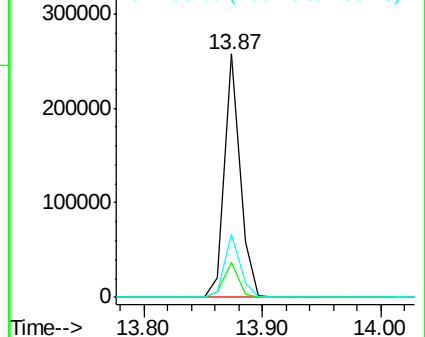
236 26.1 20.2 30.2



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



#77

Pyrene

Concen: 2.64 ng

RT: 12.69 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF088753.D

Acq: 7 Jul 2016 00:25

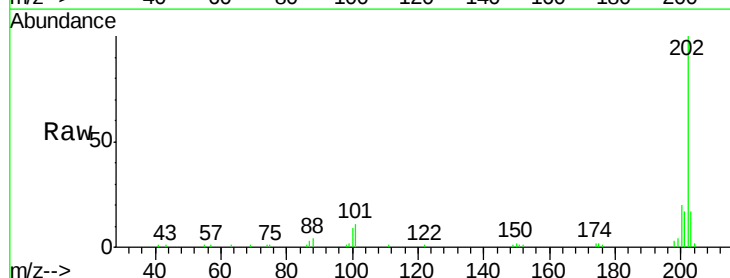
Tgt Ion:202 Resp: 52409

Ion Ratio Lower Upper

202 100

200 20.4 17.4 26.2

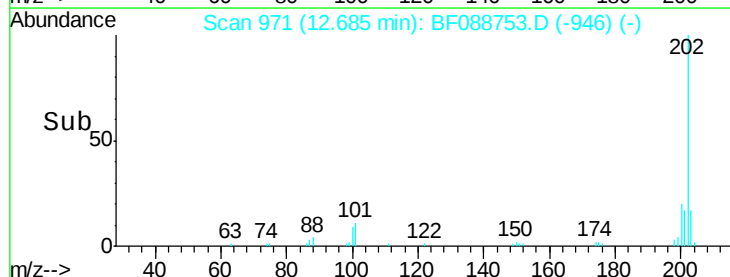
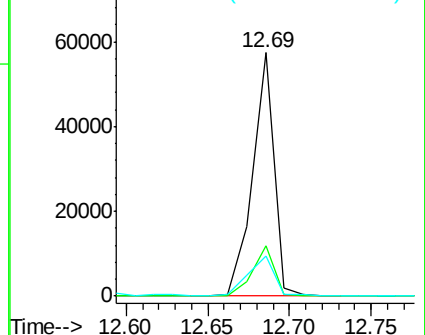
203 16.7 14.5 21.7

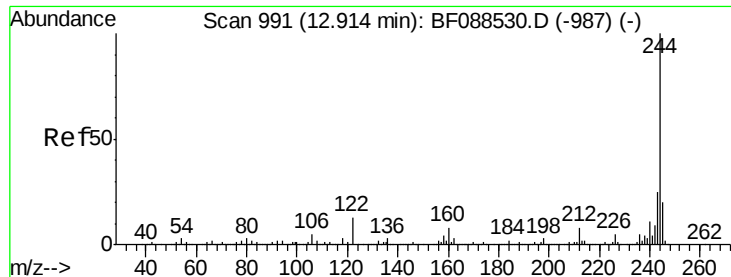


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

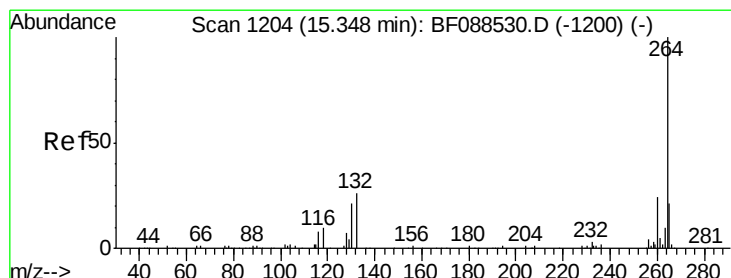
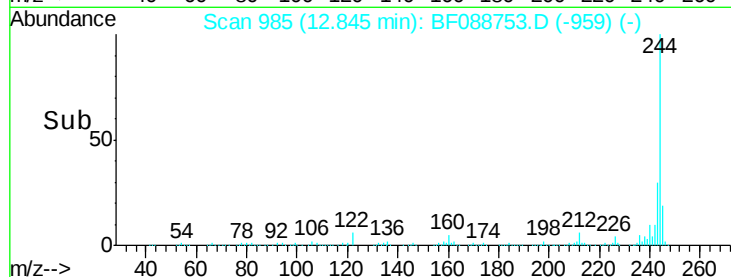
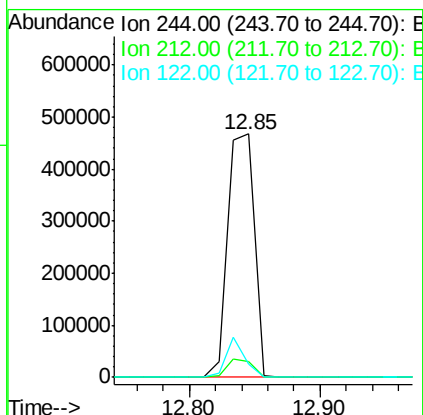
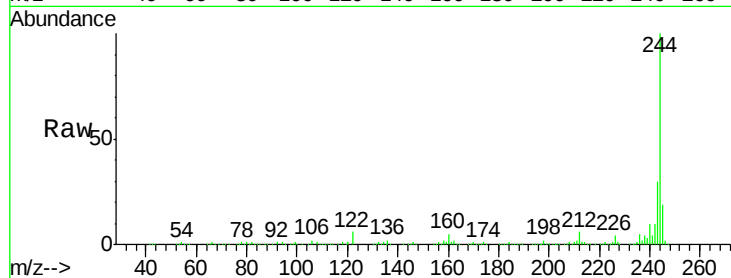




#78
 Terphenyl-d14
 Concen: 62.57 ng
 RT: 12.85 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF088753.D
 Acq: 7 Jul 2016 00:25

Instrument :
 BNA_F
 ClientSampleId :
 P-1

Tot Ion:244 Resp: 656573
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.0 9.0
 122 5.6 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.26 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF088753.D
 Acq: 7 Jul 2016 00:25

Tgt Ion:264 Resp: 177758
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.6 16.9 25.3

