

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
 Data File : BF088722.D
 Acq On : 6 Jul 2016 00:36
 Operator : UM/SJ
 Sample : H3881-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q6-B4-0-6-C

Quant Time: Jul 06 02:22:38 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 06 01:47:10 2016
 Response via : Initial Calibration

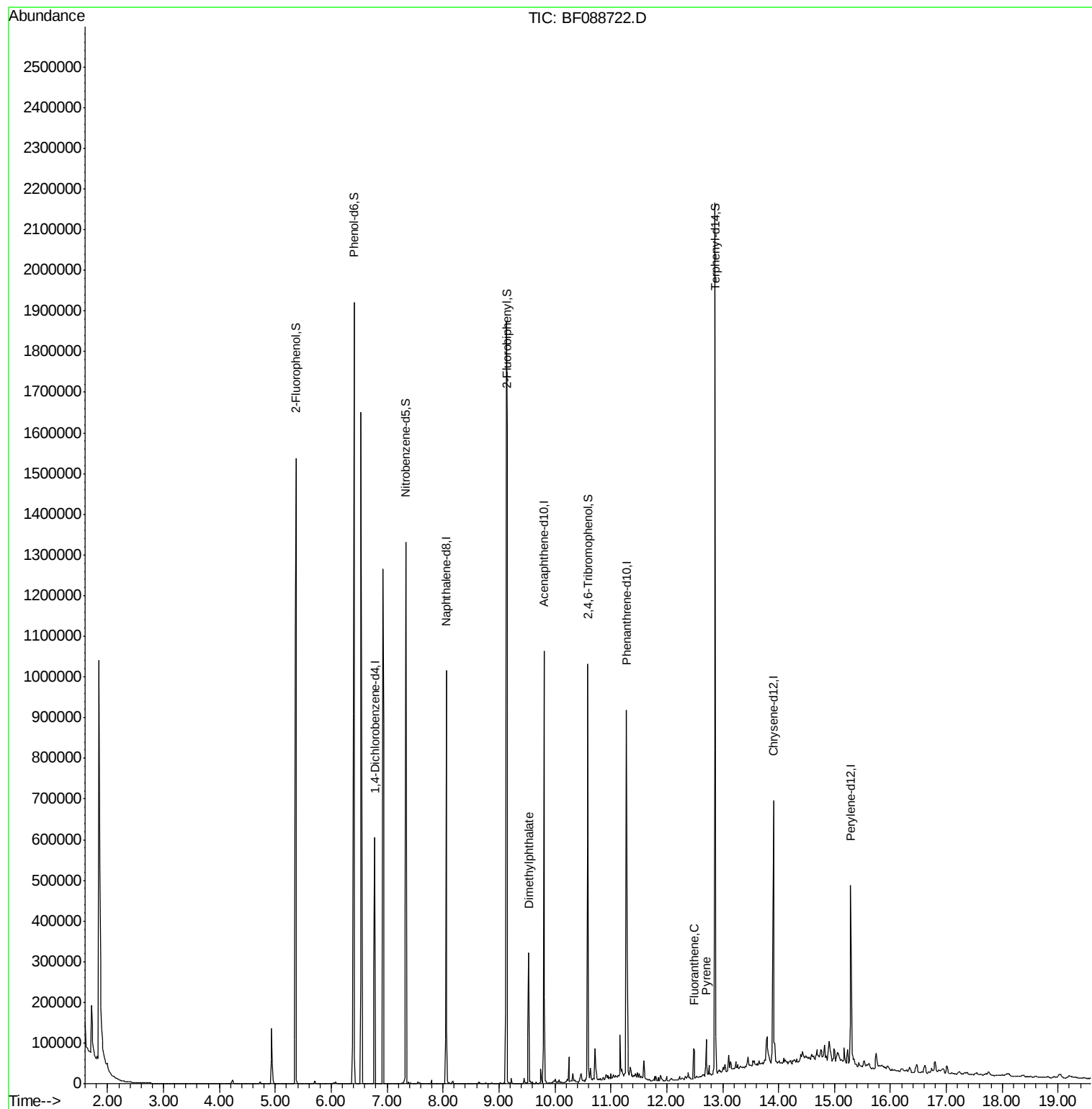
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	102847	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	420439	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	192022	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	326037	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	221278	20.00	ng	-0.01
86) Perylene-d12	15.29	264	198143	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	562960	82.04	ng	0.00
7) Phenol-d6	6.41	99	733990	82.78	ng	0.00
23) Nitrobenzene-d5	7.34	82	448634	55.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	141658	79.44	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	866464	71.28	ng	0.00
78) Terphenyl-d14	12.87	244	645483	64.97	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	144446	10.56	ng	98
74) Fluoranthene	12.49	202	40167	2.22	ng	94
77) Pyrene	12.71	202	37742	2.01	ng	98

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

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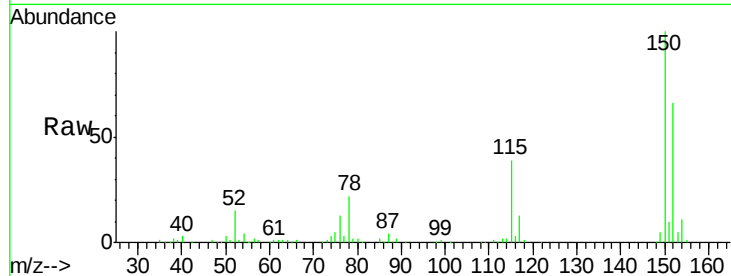


#1

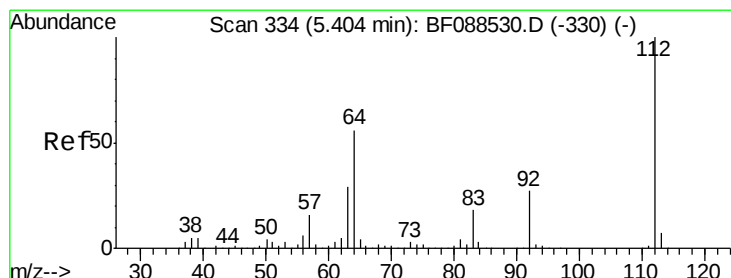
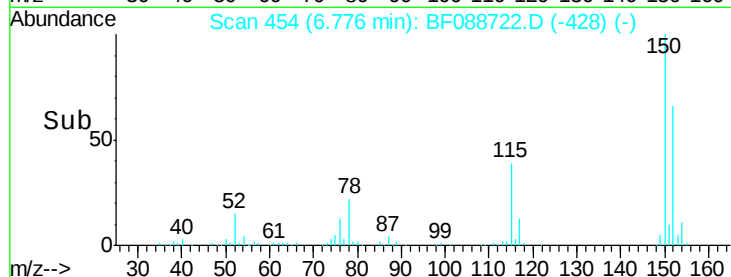
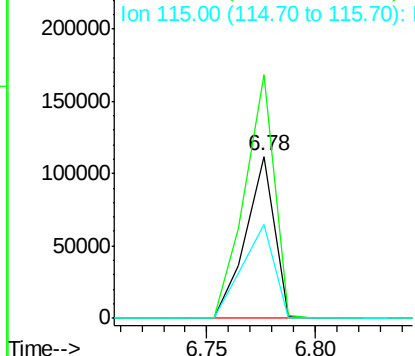
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 454
Delta R.T. 0.00 min
Lab File: BF088722.D
Acq: 6 Jul 2016 00:36

Instrument :
BNA_F
ClientSampleId :
Q6-B4-0-6-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	150.6	123.8	185.6
115	58.2	39.6	59.4



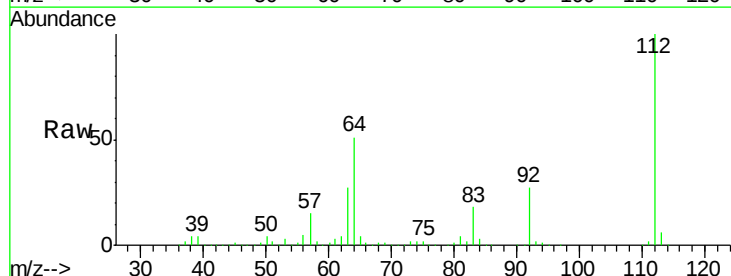
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



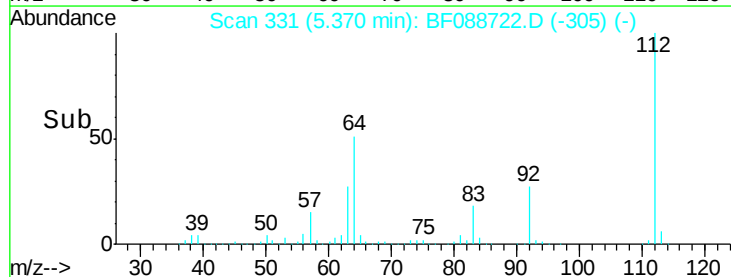
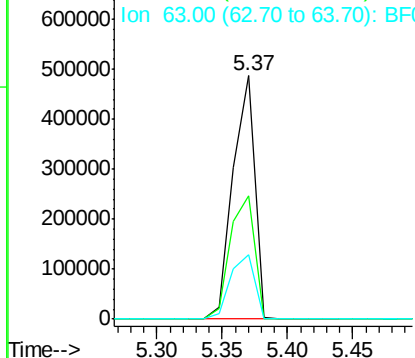
#5

2-Fluorophenol
Concen: 82.04 ng
RT: 5.37 min Scan# 331
Delta R.T. 0.00 min
Lab File: BF088722.D
Acq: 6 Jul 2016 00:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.9	42.2	63.2
63	26.5	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: 82.78 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF088722.D

Acq: 6 Jul 2016 00:36

Instrument :

BNA_F

ClientSampleId :

Q6-B4-0-6-C

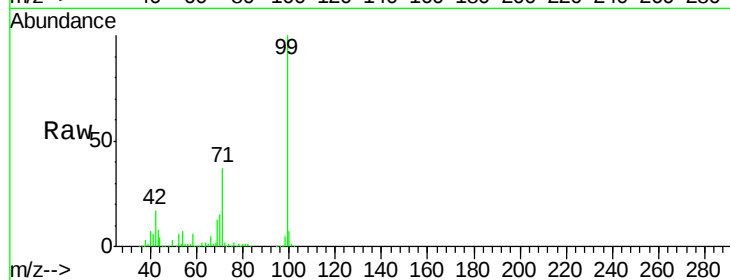
Tot Ion: 99 Resp: 733990

Ion Ratio Lower Upper

99 100

42 17.0 12.2 18.2

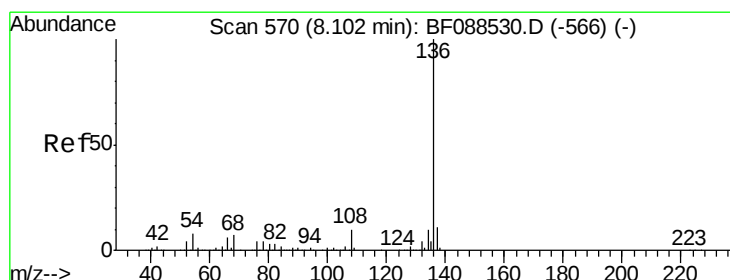
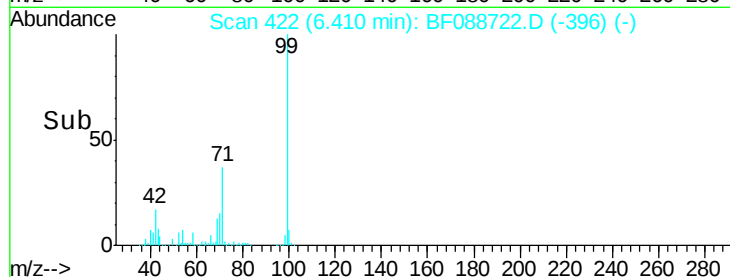
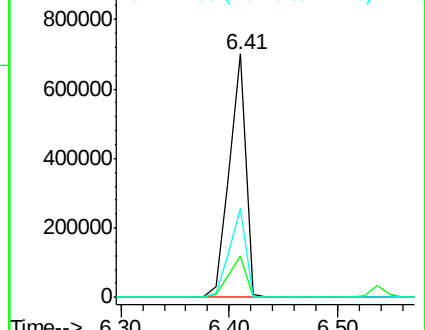
71 36.6 23.4 35.0#



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: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF088722.D

Acq: 6 Jul 2016 00:36

Tgt Ion: 136 Resp: 420439

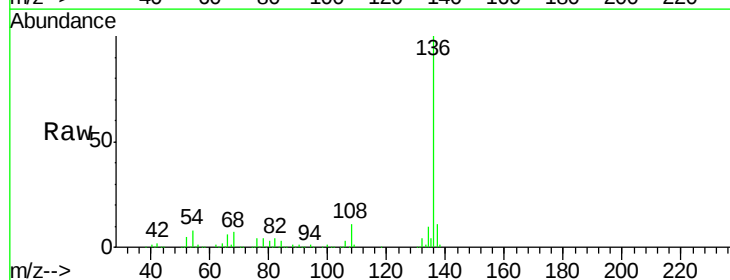
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.3 6.6 10.0

68 6.7 5.1 7.7

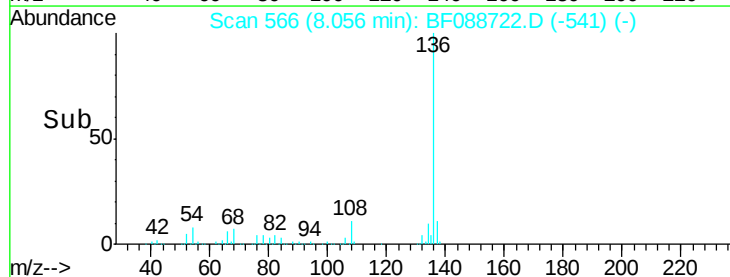
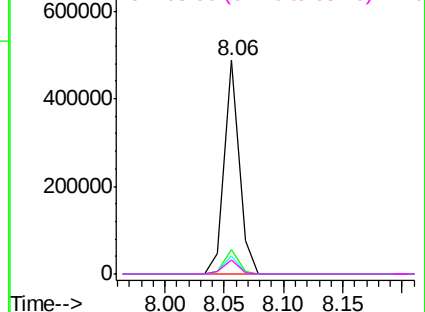


Abundance Ion 136.00 (135.70 to 136.70): E

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

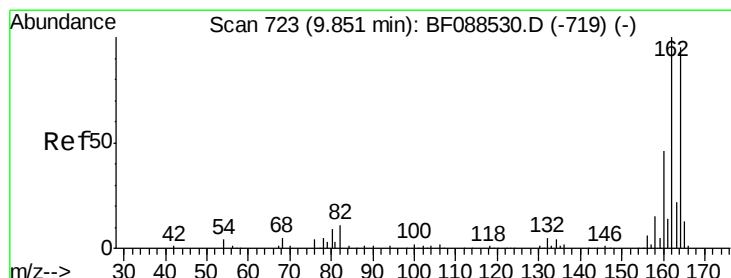
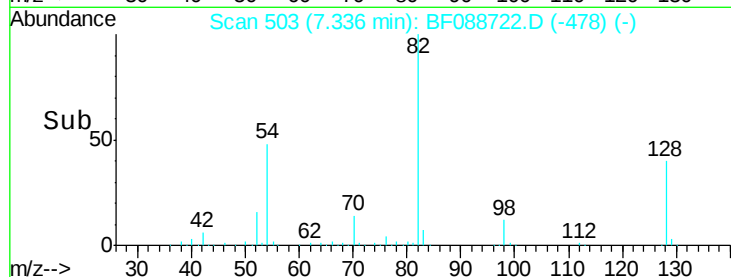
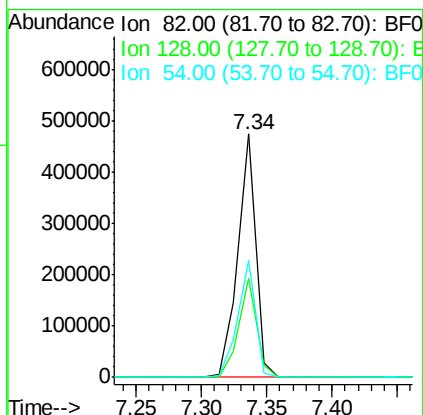
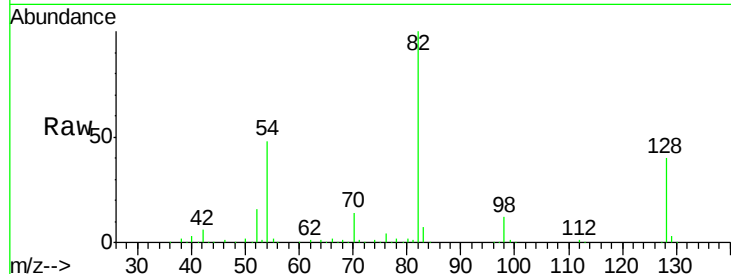




#23
 Nitrobenzene-d5
 Concen: 55.92 ng
 RT: 7.34 min Scan# 503
 Delta R.T. -0.01 min
 Lab File: BF088722.D
 Acq: 6 Jul 2016 00:36

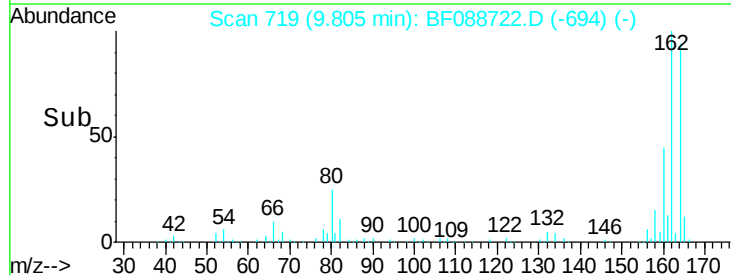
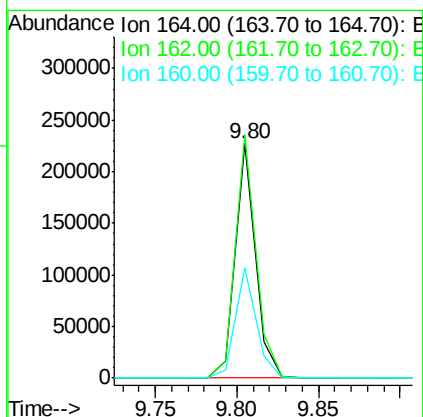
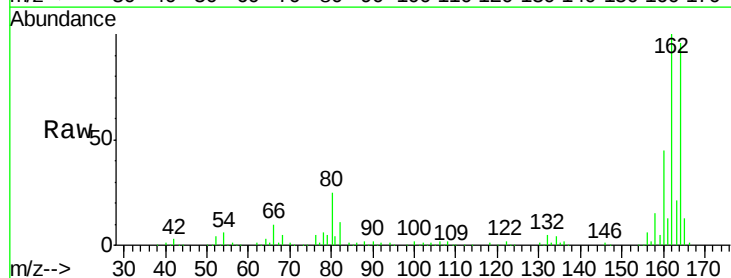
Instrument :
 BNA_F
 ClientSampleId :
 Q6-B4-0-6-C

Tot Ion: 82 Resp: 448634
 Ion Ratio Lower Upper
 82 100
 128 40.5 35.9 53.9
 54 47.9 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 719
 Delta R.T. -0.01 min
 Lab File: BF088722.D
 Acq: 6 Jul 2016 00:36

Tgt Ion:164 Resp: 192022
 Ion Ratio Lower Upper
 164 100
 162 104.0 85.4 128.2
 160 47.1 39.5 59.3

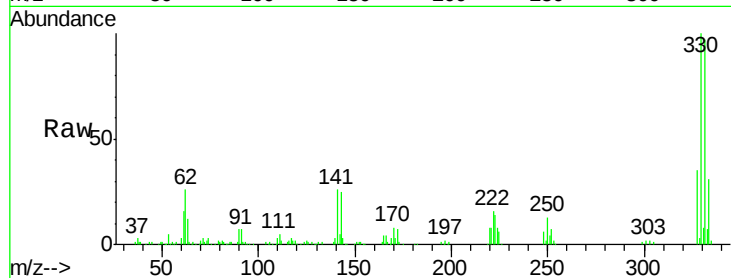




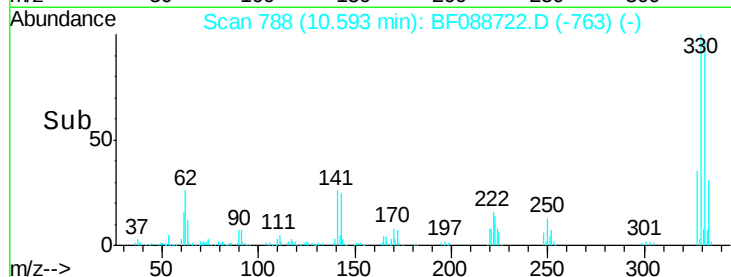
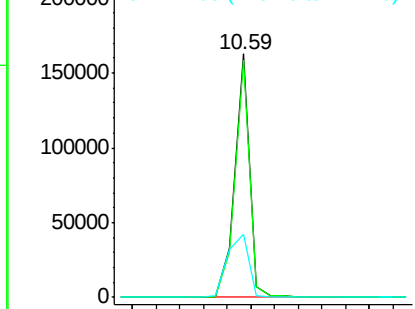
#41
 2,4,6-Tribromophenol
 Concen: 79.44 ng
 RT: 10.59 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF088722.D
 Acq: 6 Jul 2016 00:36

Instrument :
 BNA_F
 ClientSampleId :
 Q6-B4-0-6-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	37.4	0.0	0.0#

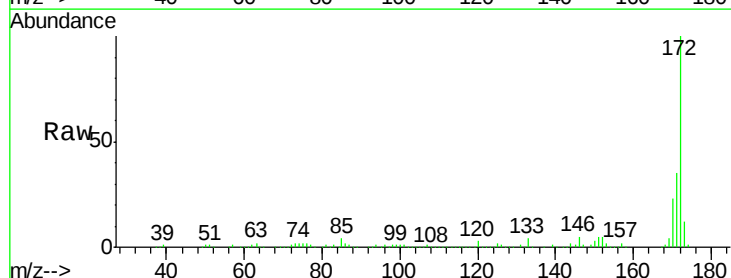


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

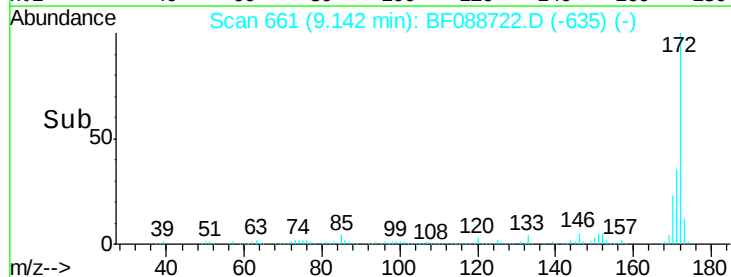
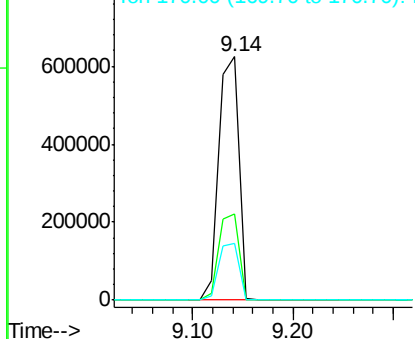


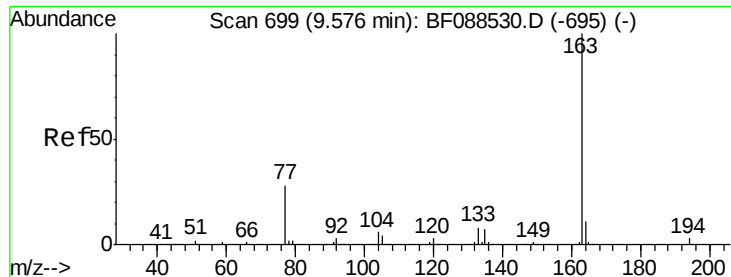
#44
 2-Fluorobiphenyl
 Concen: 71.28 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF088722.D
 Acq: 6 Jul 2016 00:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.4	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: 10.56 ng

RT: 9.53 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF088722.D

Acq: 6 Jul 2016 00:36

Instrument :

BNA_F

ClientSampleId :

Q6-B4-0-6-C

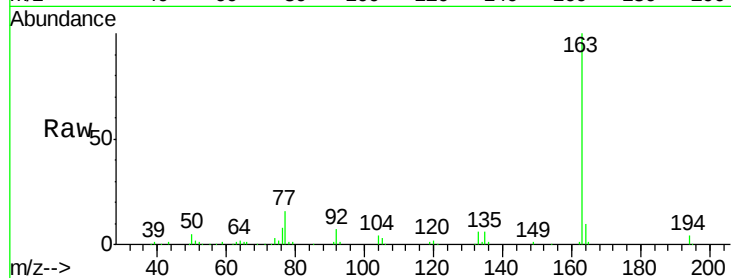
Tot Ion:163 Resp: 144446

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

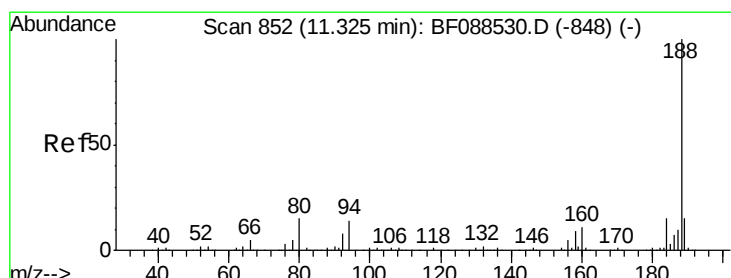
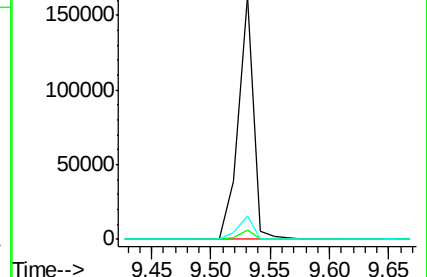
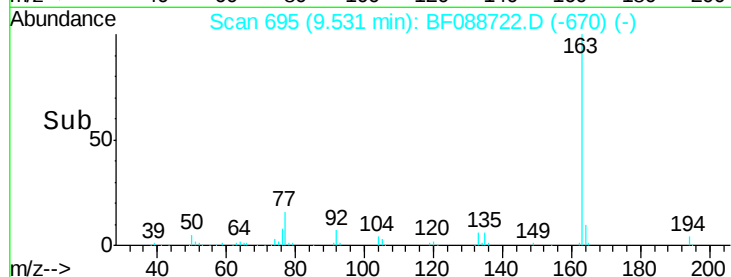
164 9.6 8.3 12.5



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: 11.28 min Scan# 848

Delta R.T. -0.01 min

Lab File: BF088722.D

Acq: 6 Jul 2016 00:36

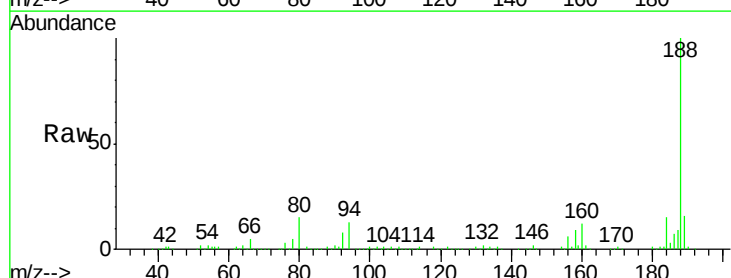
Tgt Ion:188 Resp: 326037

Ion Ratio Lower Upper

188 100

94 13.2 9.0 13.6

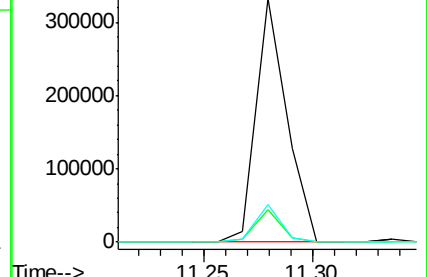
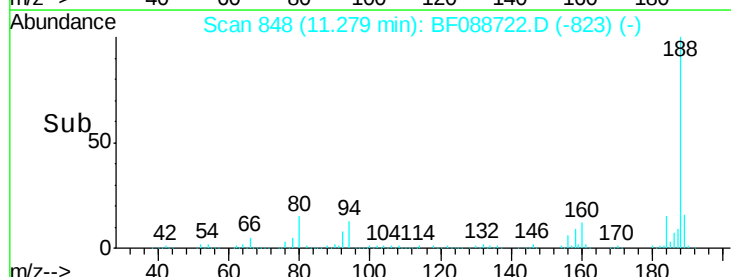
80 15.4 10.0 15.0#

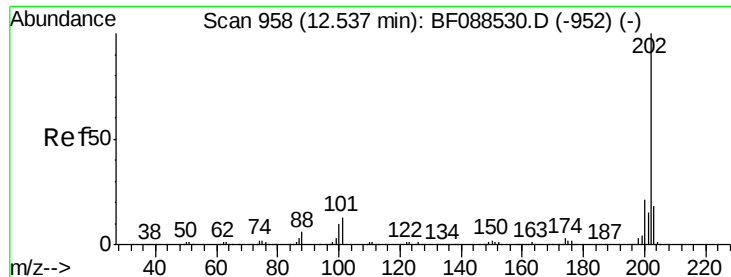


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

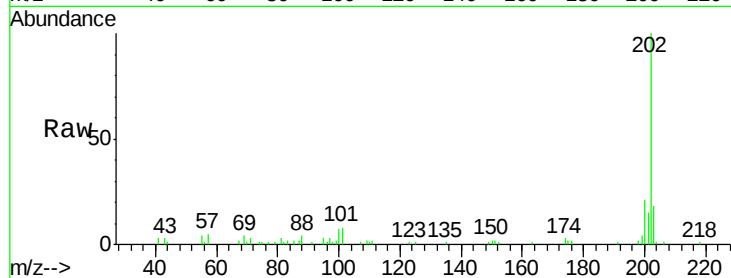




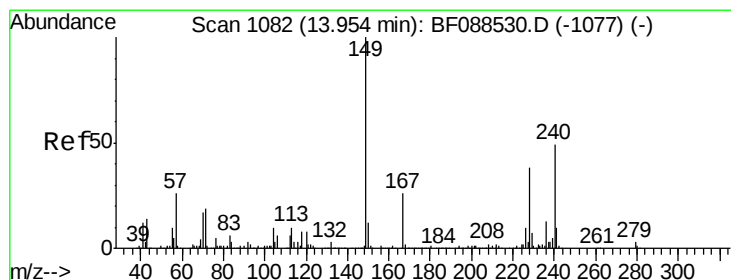
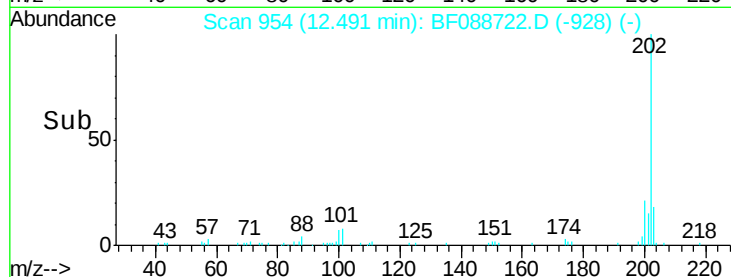
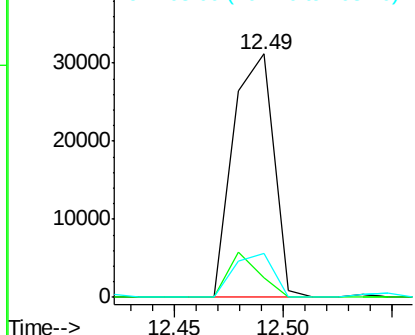
#74
Fluoranthene
Concen: 2.22 ng
RT: 12.49 min Scan# 954
Delta R.T. 0.00 min
Lab File: BF088722.D
Acq: 6 Jul 2016 00:36

Instrument :
BNA_F
ClientSampleId :
Q6-B4-0-6-C

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	33.1
203	17.8	0.0	38.1

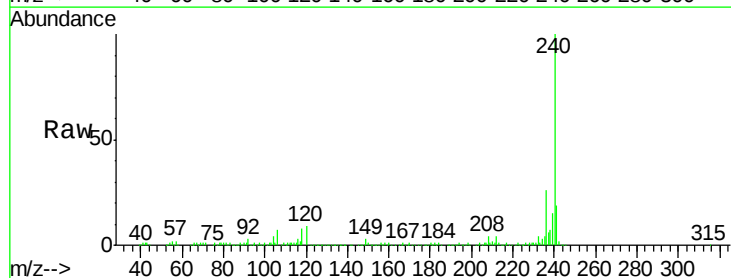


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

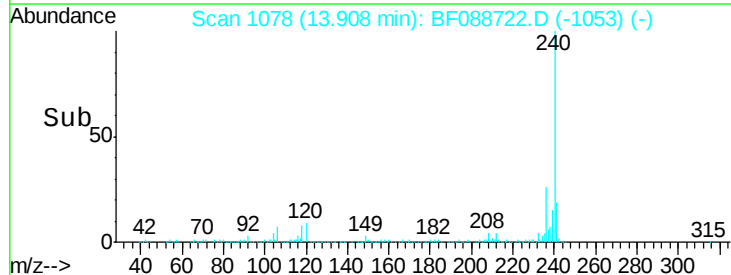
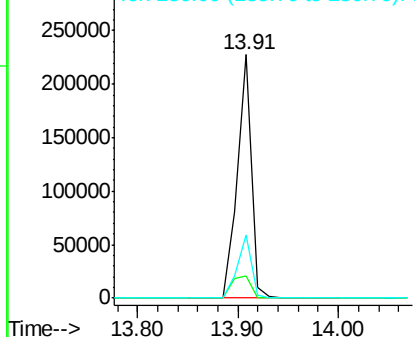


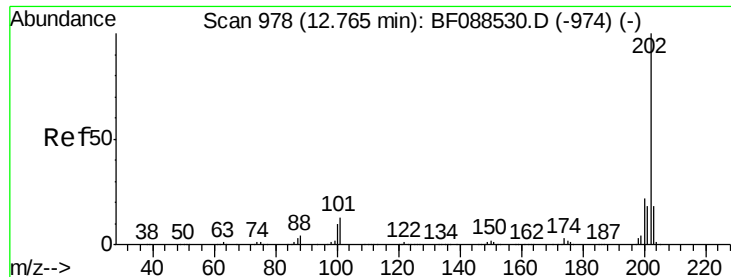
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF088722.D
Acq: 6 Jul 2016 00:36

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.3	6.8	10.2
236	26.0	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

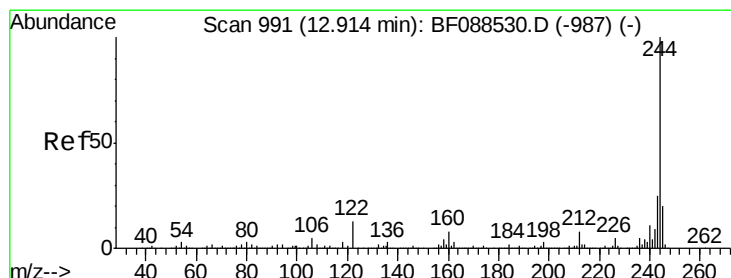
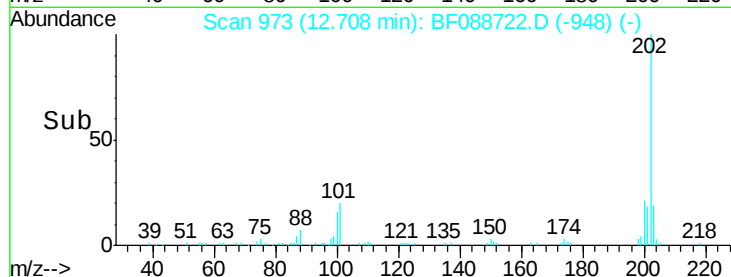
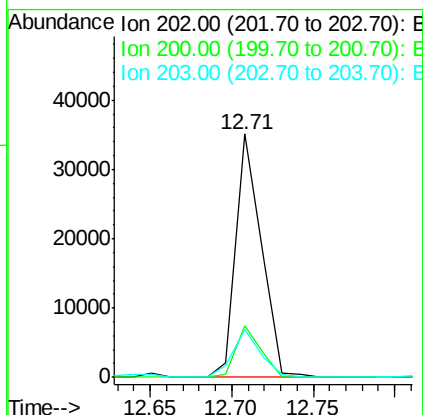
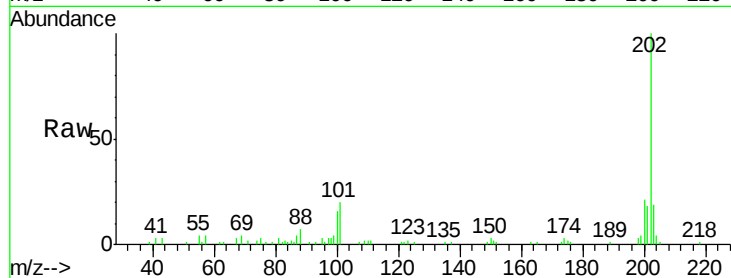




#77
Pvrene
Concen: 2.01 ng
RT: 12.71 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF088722.D
Acq: 6 Jul 2016 00:36

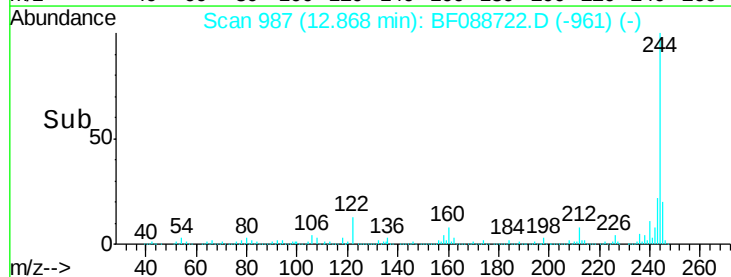
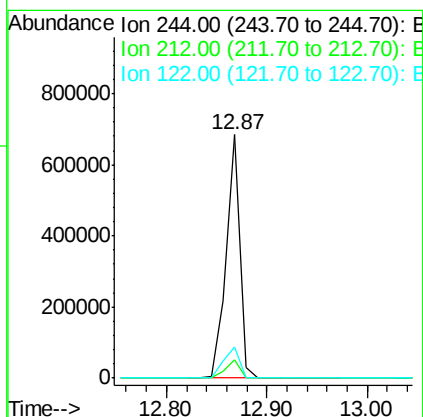
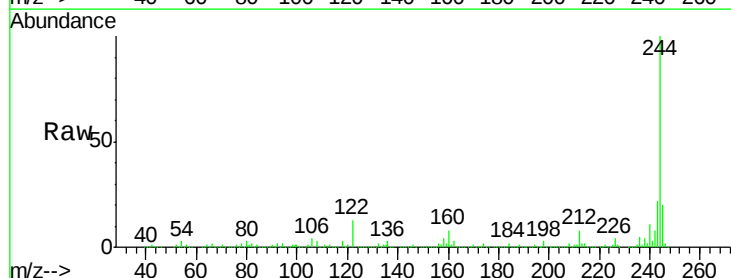
Instrument :
BNA_F
ClientSampleId :
Q6-B4-0-6-C

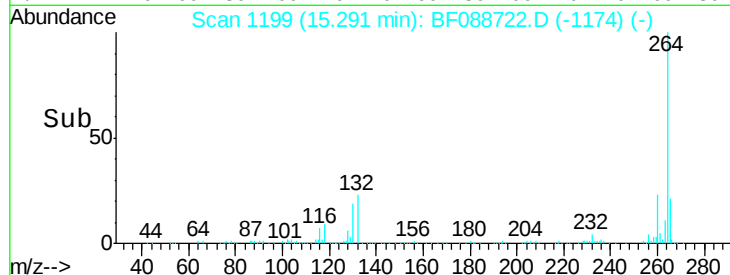
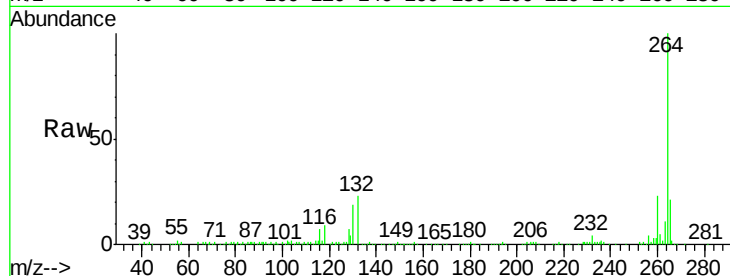
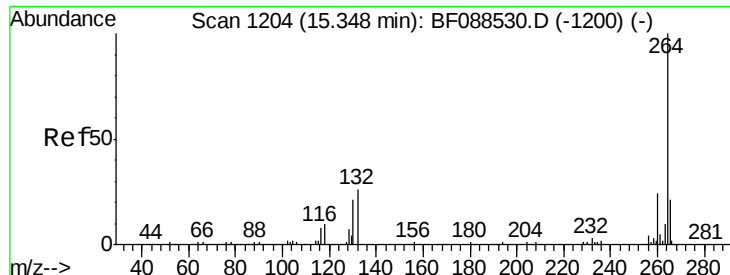
Tot Ion:202 Resp: 37742
Ion Ratio Lower Upper
202 100
200 21.1 17.4 26.2
203 19.5 14.5 21.7



#78
Terphenyl-d14
Concen: 64.97 ng
RT: 12.87 min Scan# 987
Delta R.T. 0.00 min
Lab File: BF088722.D
Acq: 6 Jul 2016 00:36

Tgt Ion:244 Resp: 645483
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 12.6 11.2 16.8





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF088722.D
 Acq: 6 Jul 2016 00:36

Instrument :
 BNA_F
 ClientSampleId :
 Q6-B4-0-6-C

Tot Ion:	264	Resp:	198143
Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.5	16.9	25.3

