

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063016\
 Data File : BF088560.D
 Acq On : 1 Jul 2016 6:09
 Operator : UM/SJ
 Sample : H3747-06
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C9-B2(0-6)C

Quant Time: Jul 01 06:52:04 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 01 01:58:49 2016
 Response via : Initial Calibration

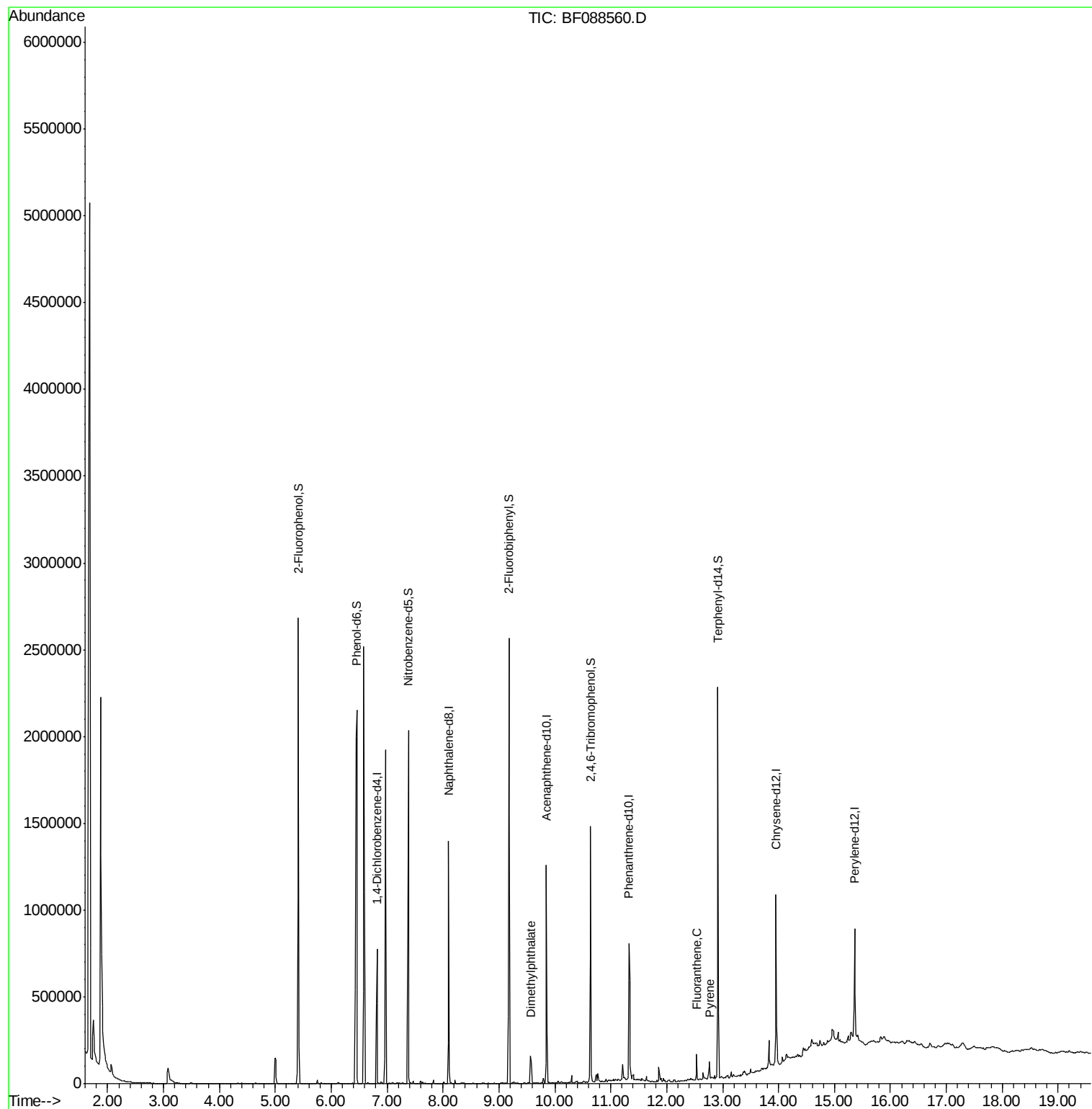
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	139381	20.00	ng	0.01
21) Naphthalene-d8	8.10	136	558072	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	230258	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	371640	20.00	ng	0.00
75) Chrysene-d12	13.95	240	275272	20.00	ng	0.00
86) Perylene-d12	15.36	264	272557	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	777091	83.56	ng	0.01
7) Phenol-d6	6.46	99	1205570	100.32	ng	0.01
23) Nitrobenzene-d5	7.38	82	722127	67.81	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	174732	81.72	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1053131	72.25	ng	0.00
78) Terphenyl-d14	12.91	244	648115	52.44	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	86798	5.29	ng	98
74) Fluoranthene	12.54	202	54322	2.64	ng	98
77) Pyrene	12.77	202	47055	2.02	ng	98

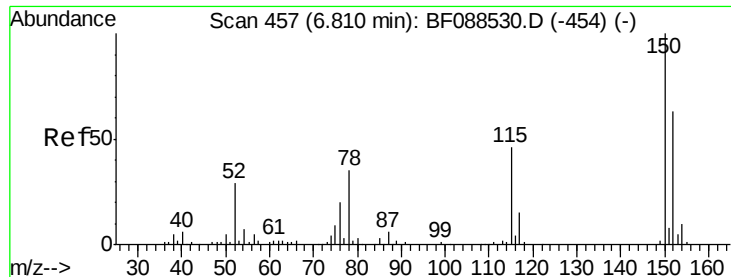
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.01 min

Lab File: BF088560.D

Acq: 1 Jul 2016 6:09

Instrument :

BNA_F

ClientSampleId :

C9-B2(0-6)C

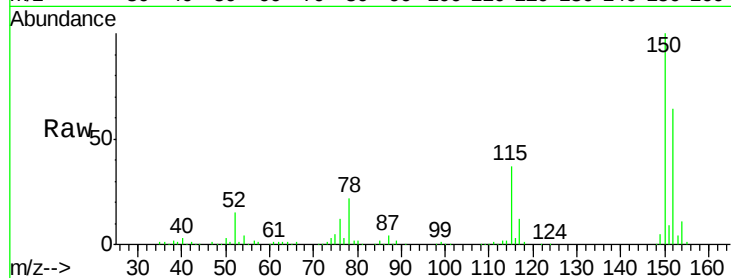
Tot Ion:152 Resp: 139381

Ion Ratio Lower Upper

152 100

150 155.3 123.8 185.6

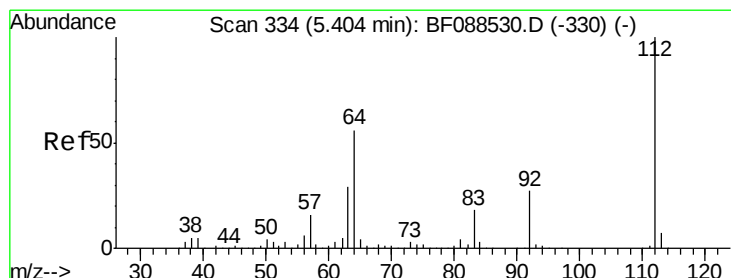
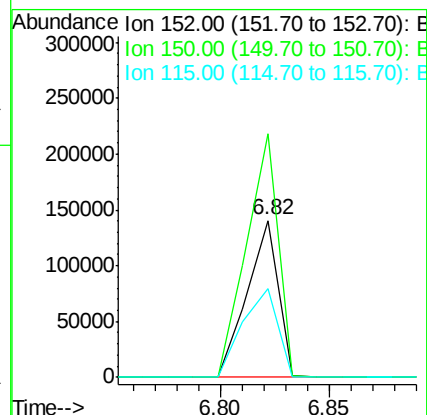
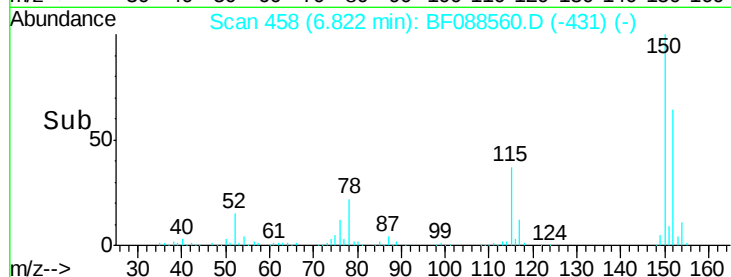
115 56.8 39.6 59.4



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: 83.56 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.01 min

Lab File: BF088560.D

Acq: 1 Jul 2016 6:09

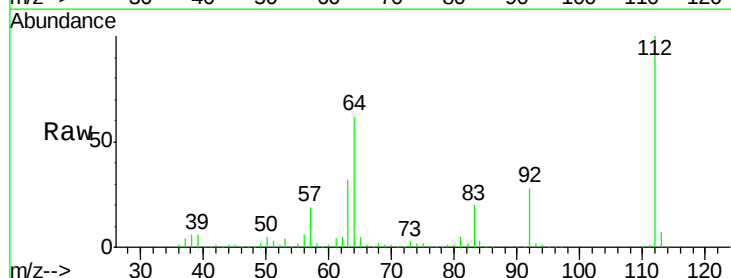
Tgt Ion:112 Resp: 777091

Ion Ratio Lower Upper

112 100

64 61.5 42.2 63.2

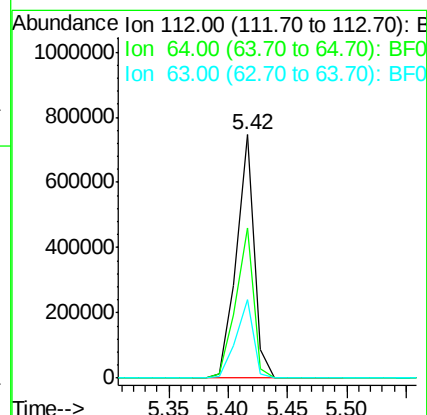
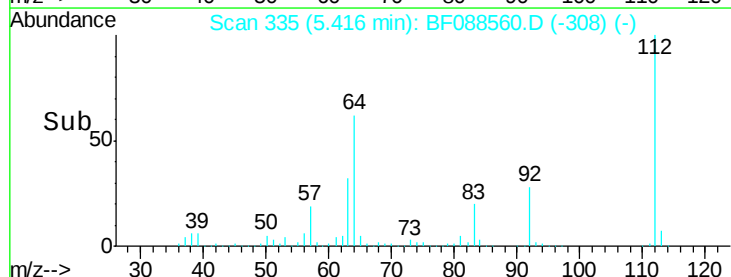
63 32.1 21.8 32.8

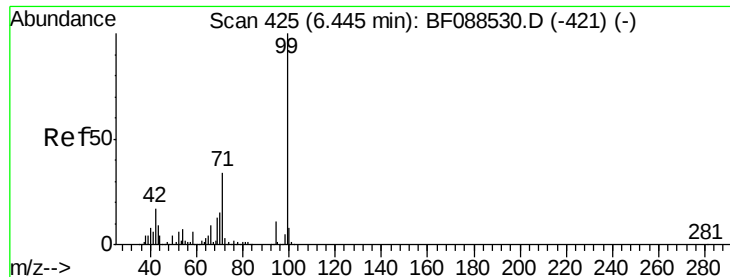


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 100.32 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.01 min

Lab File: BF088560.D

Acq: 1 Jul 2016 6:09

Instrument :

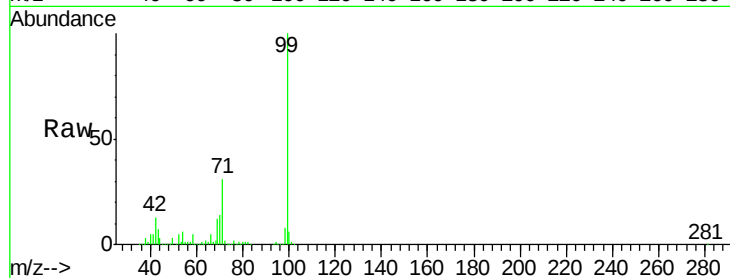
BNA_F

ClientSampled :

C9-B2(0-6)C

Tot Ion: 99 Resp: 1205570

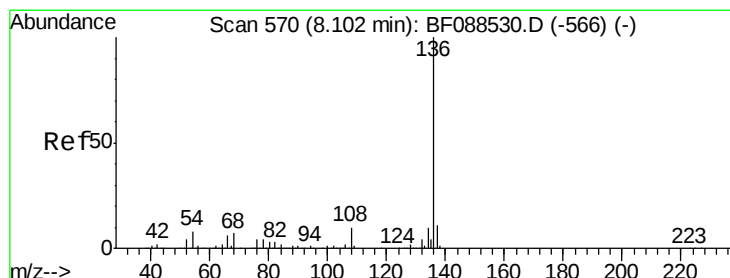
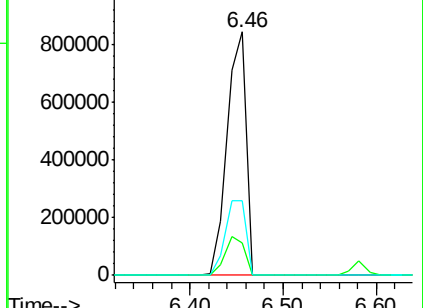
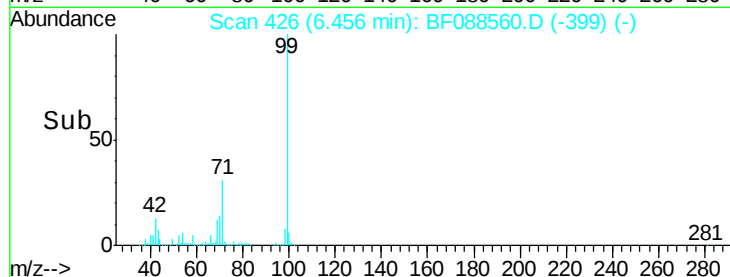
Ion	Ratio	Lower	Upper
99	100		
42	13.3	12.2	18.2
71	30.6	23.4	35.0



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: 8.10 min Scan# 570

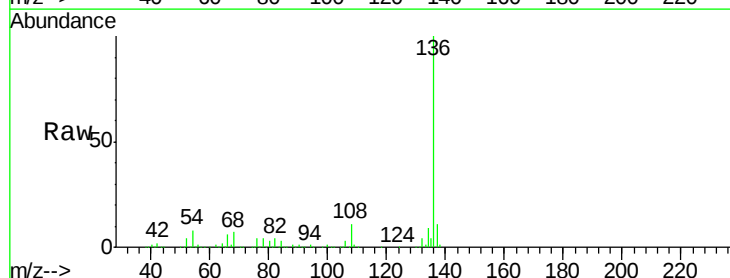
Delta R.T. 0.00 min

Lab File: BF088560.D

Acq: 1 Jul 2016 6:09

Tgt Ion: 136 Resp: 558072

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.3	6.6	10.0
68	7.2	5.1	7.7

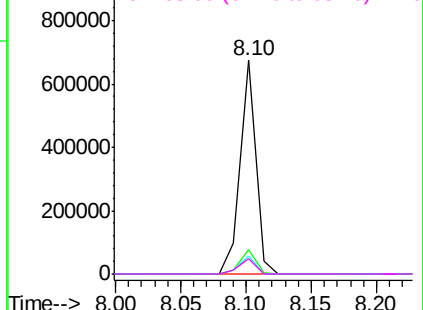
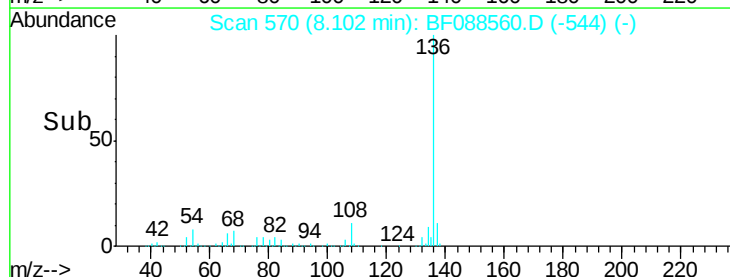


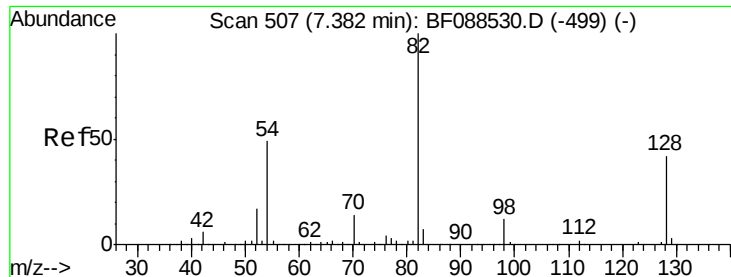
Abundance Ion 136.00 (135.70 to 136.70): E

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

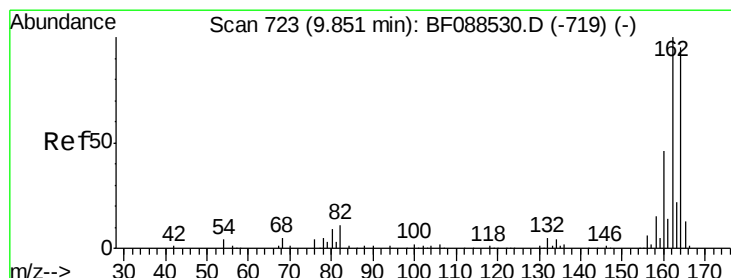
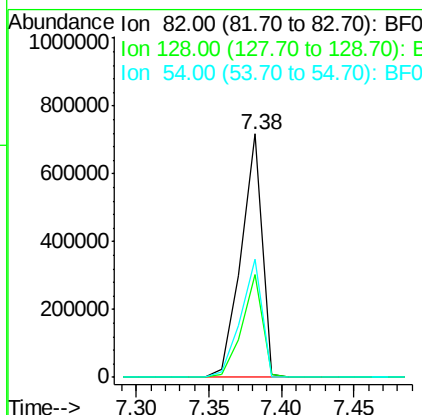
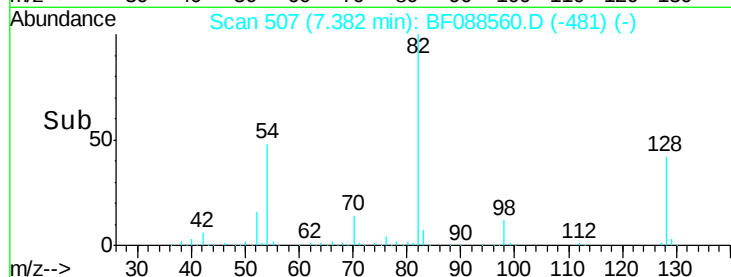
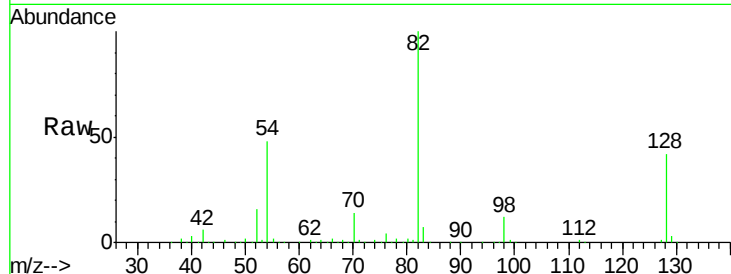




#23
 Nitrobenzene-d5
 Concen: 67.81 ng
 RT: 7.38 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF088560.D
 Acq: 1 Jul 2016 6:09

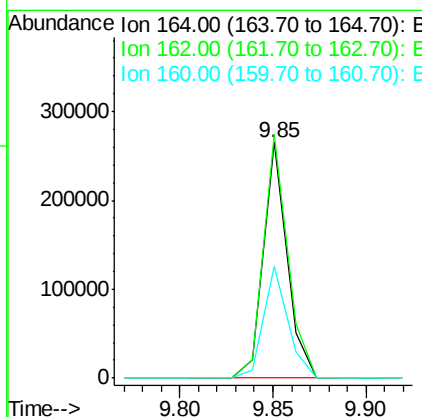
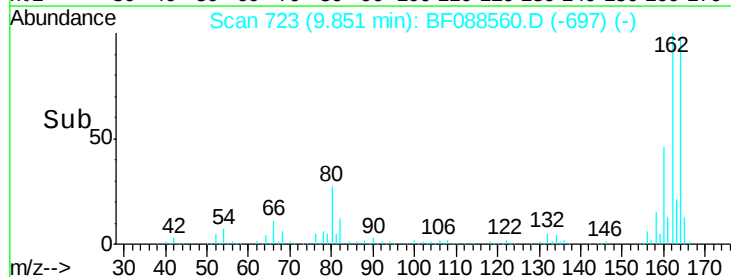
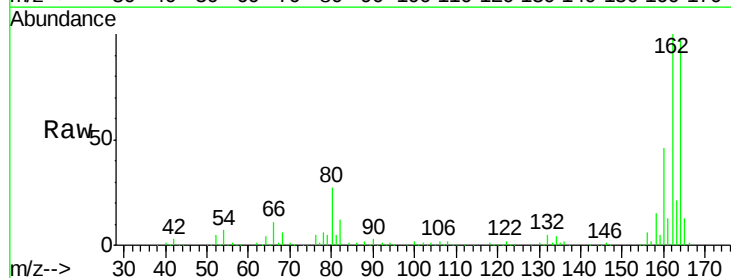
Instrument :
 BNA_F
 ClientSampleId :
 C9-B2(0-6)C

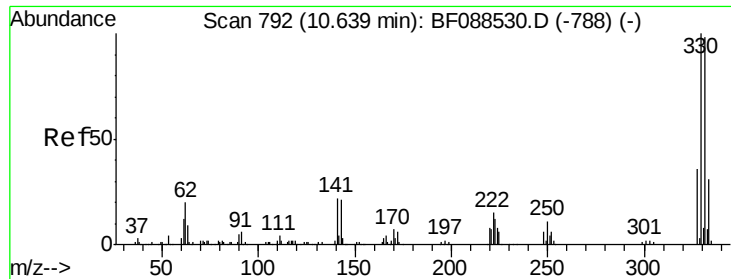
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.0	35.9	53.9
54	48.4	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 723
 Delta R.T. 0.00 min
 Lab File: BF088560.D
 Acq: 1 Jul 2016 6:09

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.4	85.4	128.2
160	47.6	39.5	59.3

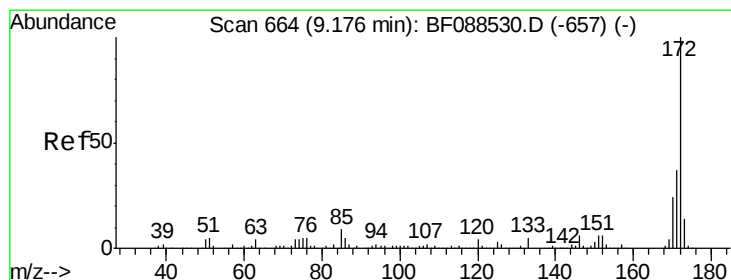
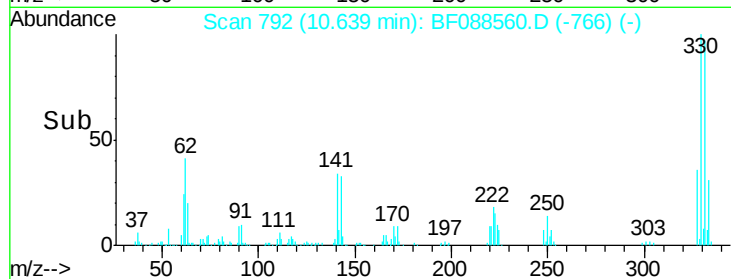
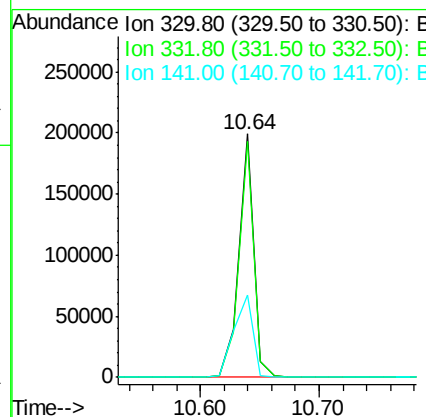
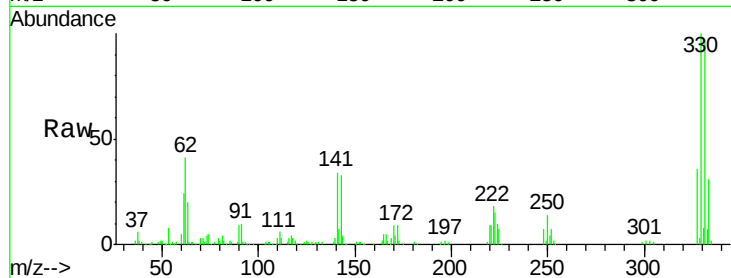




#41
 2,4,6-Tribromophenol
 Concen: 81.72 ng
 RT: 10.64 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF088560.D
 Acq: 1 Jul 2016 6:09

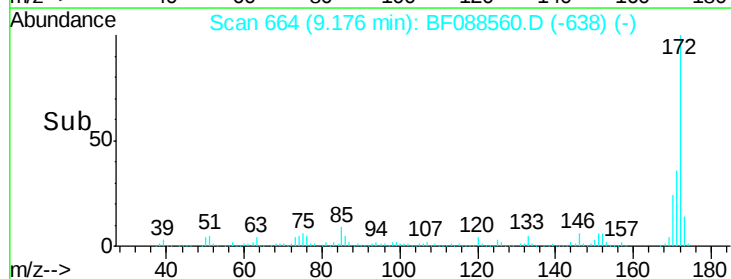
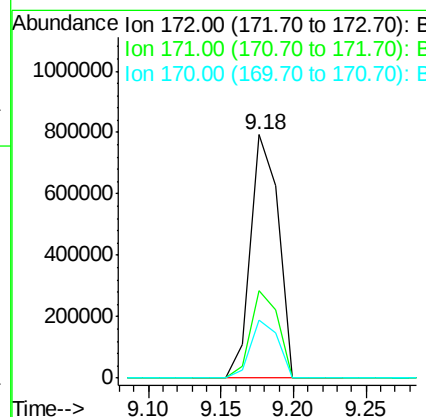
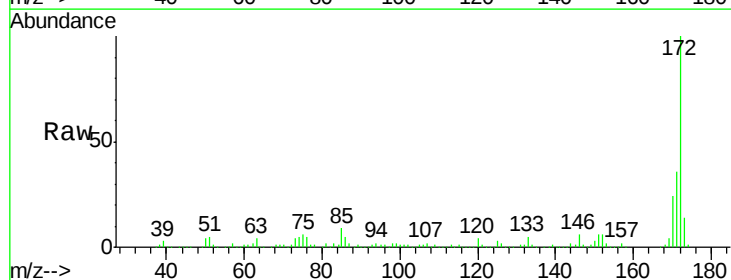
Instrument :
 BNA_F
 ClientSampleId :
 C9-B2(0-6)C

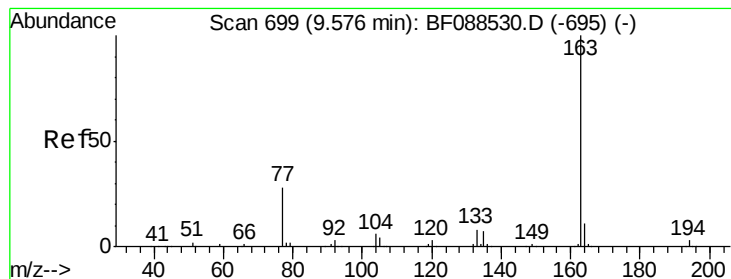
Tot Ion:330 Resp: 174732
 Ion Ratio Lower Upper
 330 100
 332 96.7 0.0 0.0#
 141 42.9 0.0 0.0#



#44
 2-Fluorobiphenyl
 Concen: 72.25 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF088560.D
 Acq: 1 Jul 2016 6:09

Tgt Ion:172 Resp: 1053131
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.6 43.0
 170 24.0 19.2 28.8





#49

Dimethylphthalate

Concen: 5.29 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF088560.D

Acq: 1 Jul 2016 6:09

Instrument :

BNA_F

ClientSampleId :

C9-B2(0-6)C

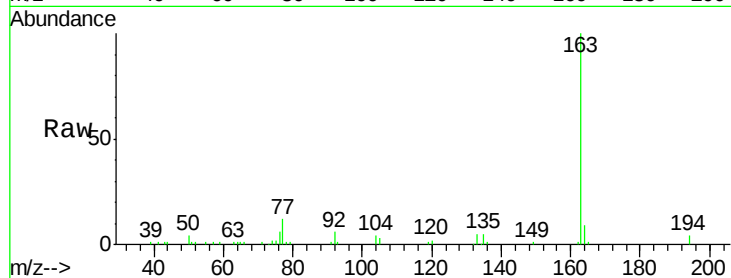
Tot Ion:163 Resp: 86798

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

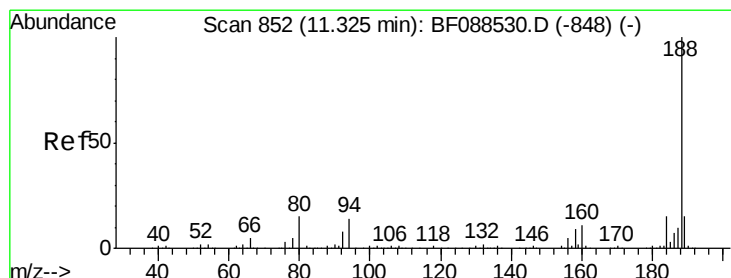
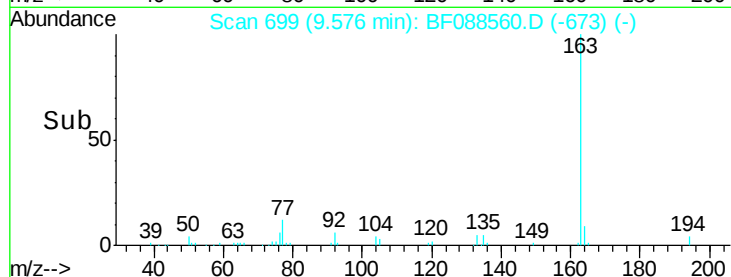
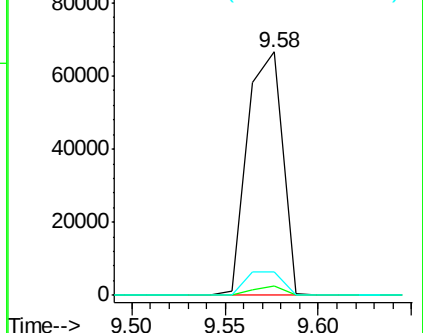
164 9.4 8.3 12.5



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: 11.32 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF088560.D

Acq: 1 Jul 2016 6:09

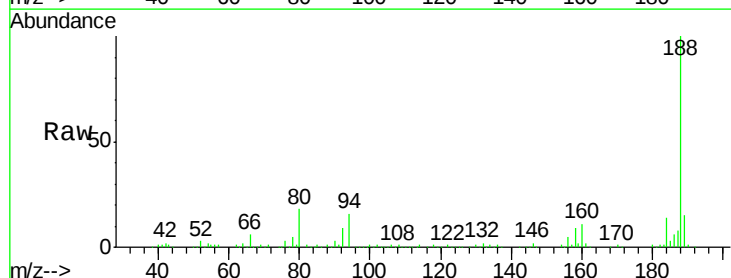
Tgt Ion:188 Resp: 371640

Ion Ratio Lower Upper

188 100

94 15.5 9.0 13.6#

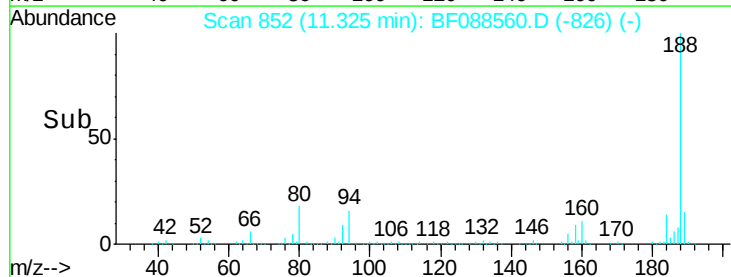
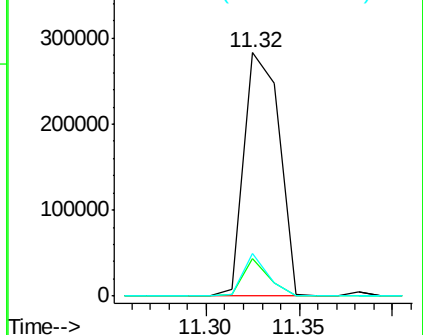
80 17.7 10.0 15.0#

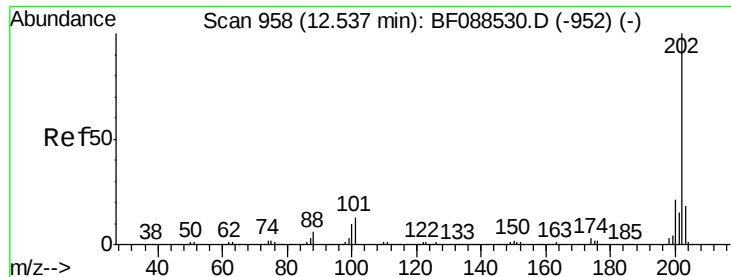


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.64 ng

RT: 12.54 min Scan# 958

Delta R.T. 0.00 min

Lab File: BF088560.D

Acq: 1 Jul 2016 6:09

Instrument :

BNA_F

ClientSampleId :

C9-B2(0-6)C

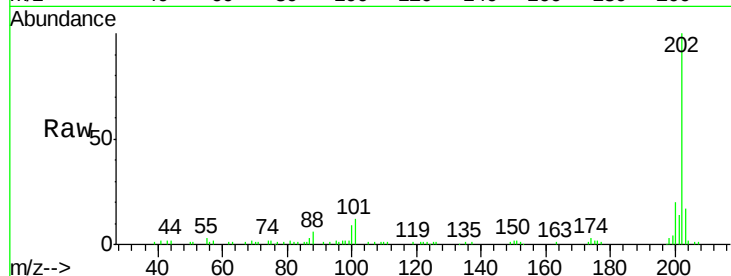
Tot Ion:202 Resp: 54322

Ion Ratio Lower Upper

202 100

101 11.8 0.0 33.1

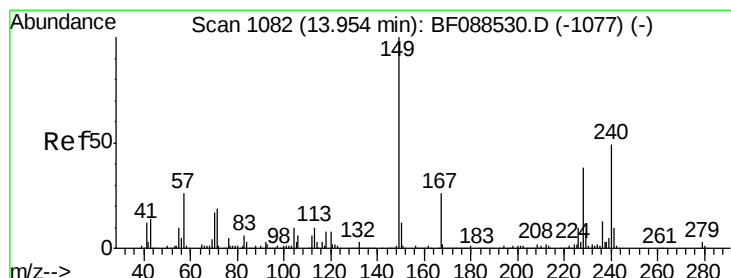
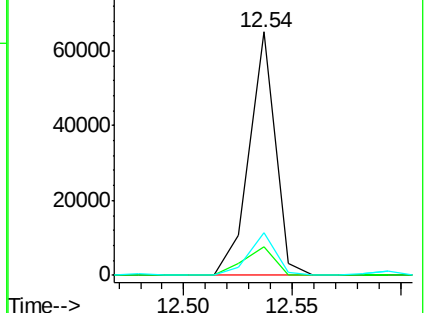
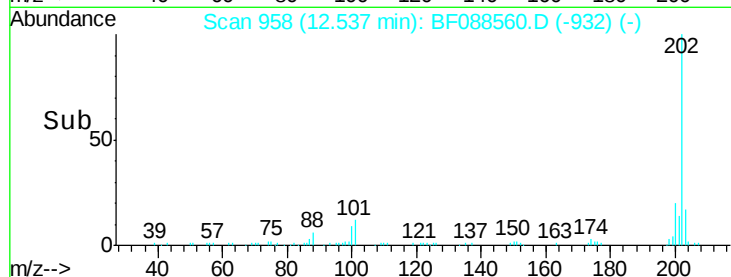
203 17.5 0.0 38.1



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: 13.95 min Scan# 1082

Delta R.T. 0.00 min

Lab File: BF088560.D

Acq: 1 Jul 2016 6:09

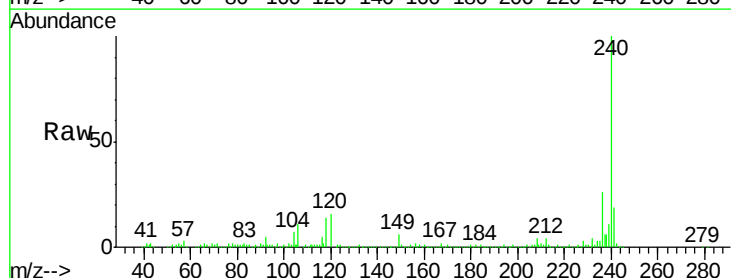
Tgt Ion:240 Resp: 275272

Ion Ratio Lower Upper

240 100

120 16.0 6.8 10.2#

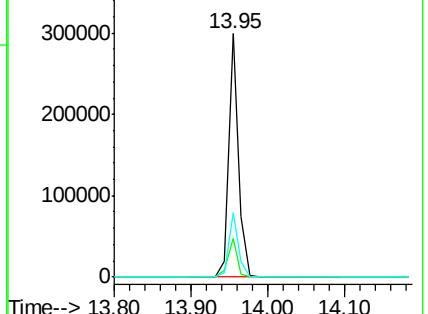
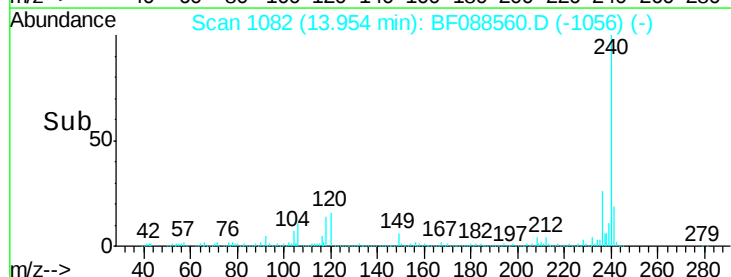
236 26.2 20.2 30.2

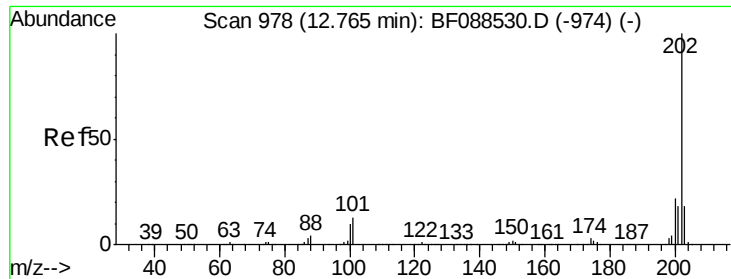


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

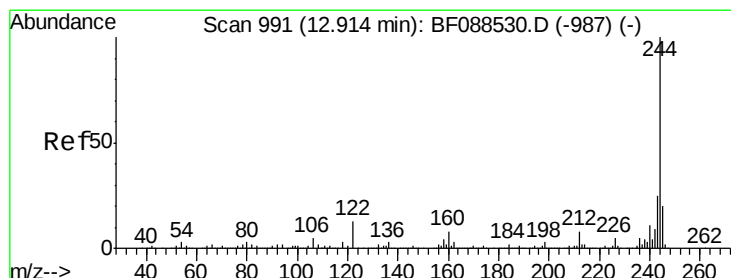
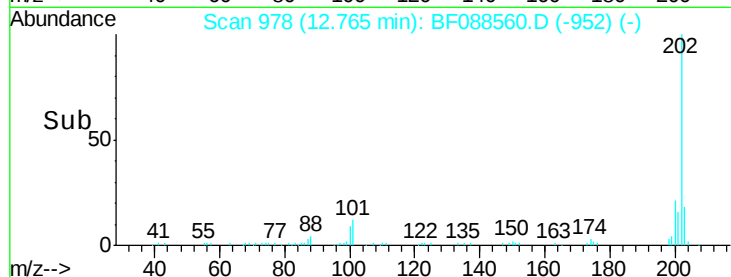
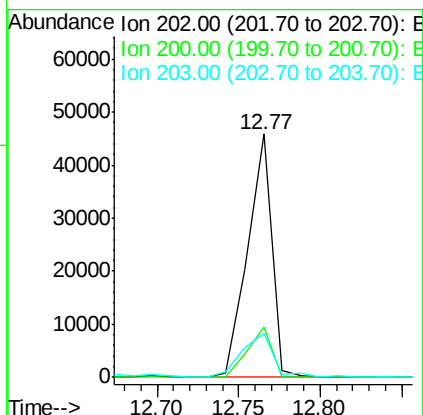
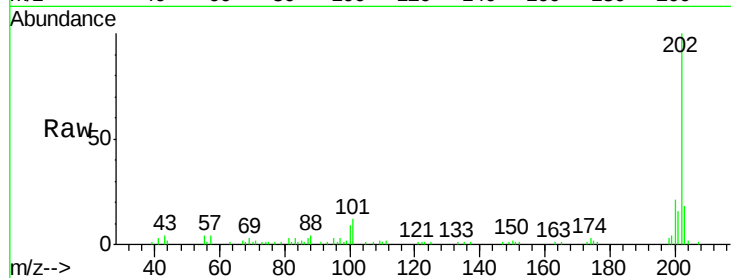




#77
Pvrene
Concen: 2.02 ng
RT: 12.77 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF088560.D
Acq: 1 Jul 2016 6:09

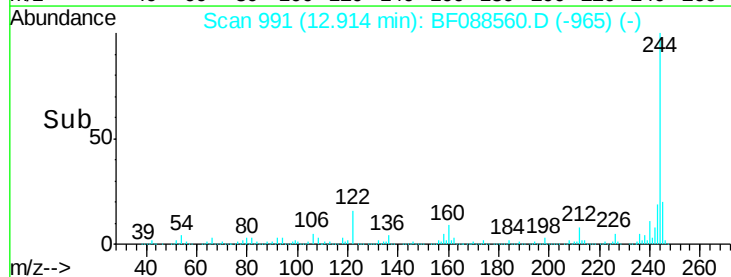
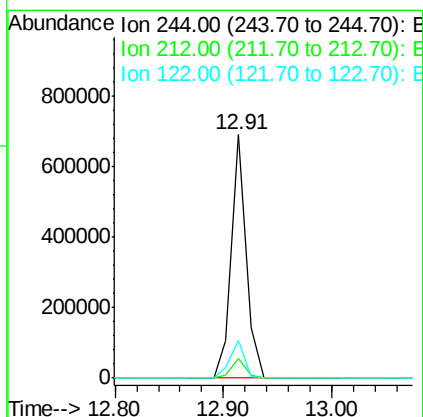
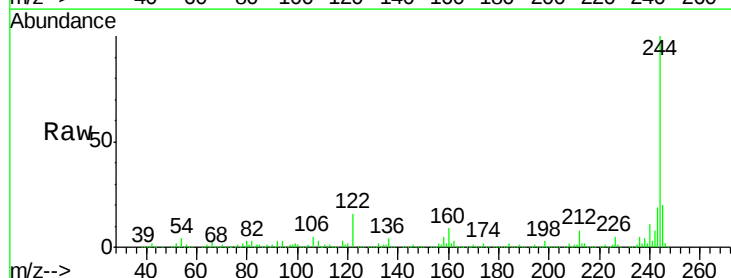
Instrument :
BNA_F
ClientSampleId :
C9-B2(0-6)C

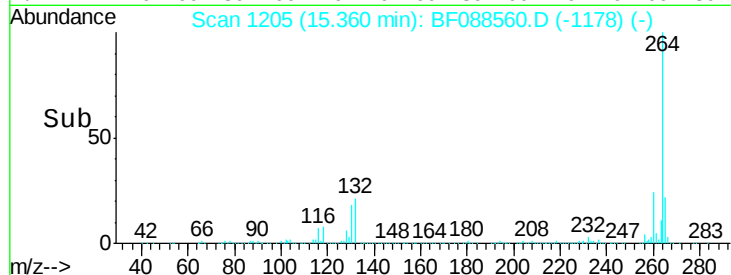
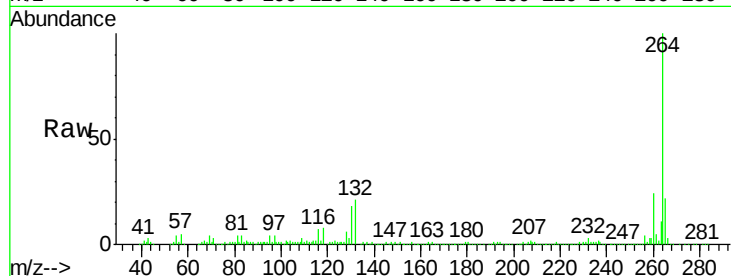
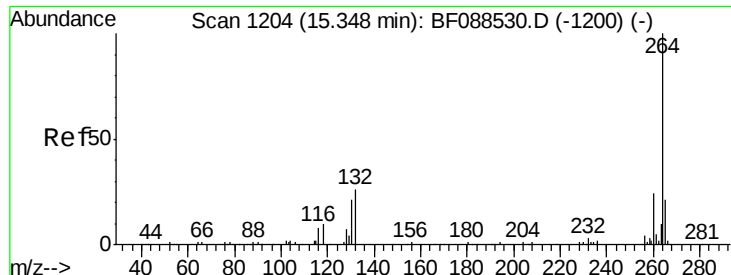
Tot Ion:202 Resp: 47055
Ion Ratio Lower Upper
202 100
200 20.5 17.4 26.2
203 17.8 14.5 21.7



#78
Terphenyl-d14
Concen: 52.44 ng
RT: 12.91 min Scan# 991
Delta R.T. 0.00 min
Lab File: BF088560.D
Acq: 1 Jul 2016 6:09

Tgt Ion:244 Resp: 648115
Ion Ratio Lower Upper
244 100
212 7.9 6.0 9.0
122 15.6 11.2 16.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BF088560.D
Acq: 1 Jul 2016 6:09

Instrument :
BNA_F
ClientSampleId :
C9-B2(0-6)C

Tot Ion:	264	Resp:	272557
Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.8	16.9	25.3

