

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
 Data File : BF088954.D
 Acq On : 13 Jul 2016 10:00
 Operator : UM/SJ
 Sample : H3889-07DL 5X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-7DL

Quant Time: Jul 13 13:31:06 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

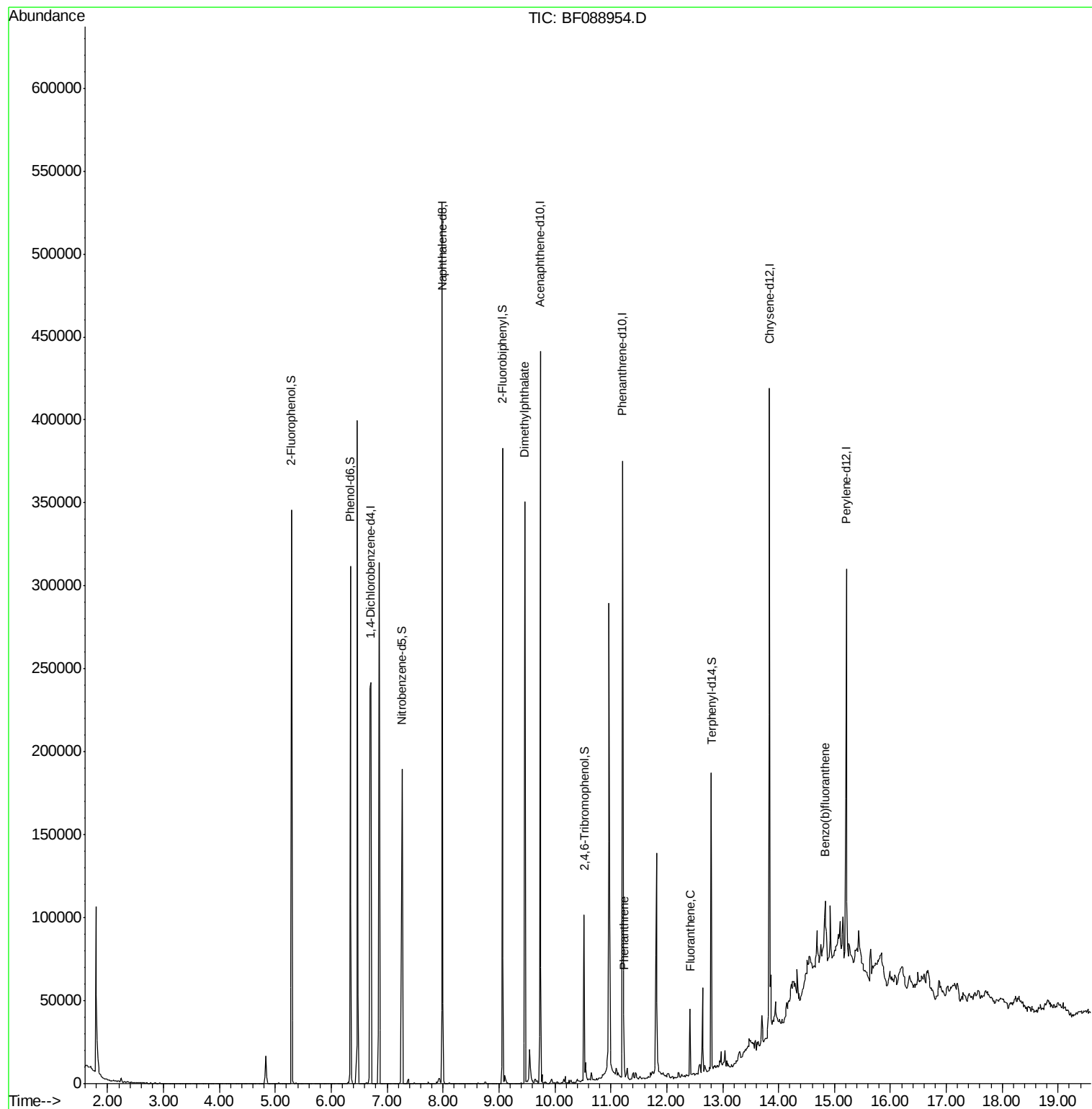
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	54664	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	209892	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	77743	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	122495	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	126920	20.00	ng	-0.01
86) Perylene-d12	15.21	264	93732	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	90432	24.79	ng	0.00
7) Phenol-d6	6.34	99	109198	23.17	ng	-0.01
23) Nitrobenzene-d5	7.27	82	69768	17.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	17192	23.81	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	109710	22.29	ng	-0.01
78) Terphenyl-d14	12.80	244	78005	13.69	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.46	163	120850	21.82	ng	99
70) Phenanthrene	11.23	178	14187	2.12	ng	98
74) Fluoranthene	12.42	202	23992	3.53	ng	92
87) Benzo(b)fluoranthene	14.83	252	13318m	2.27	ng	

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

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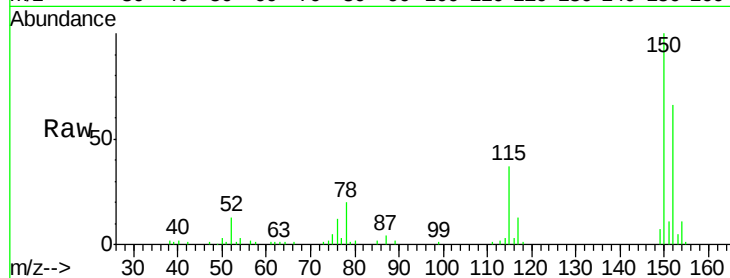


#1

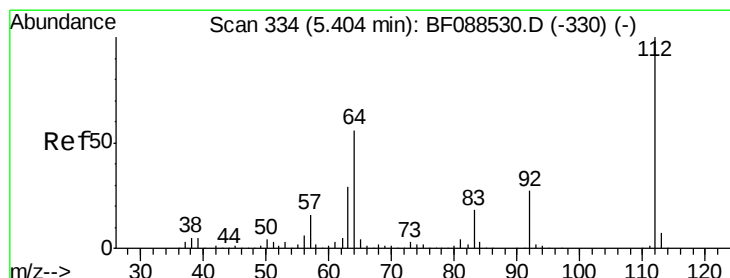
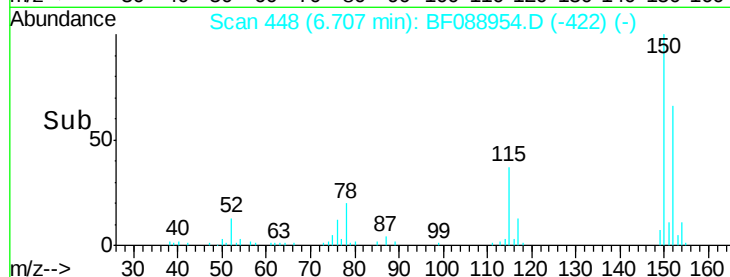
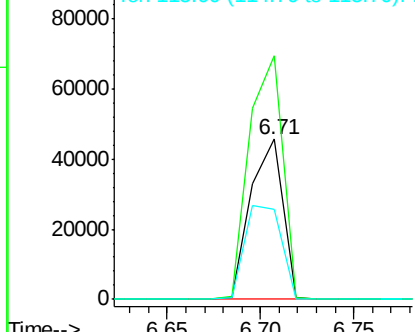
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 448
Delta R.T. -0.00 min
Lab File: BF088954.D
Acq: 13 Jul 2016 10:00

Instrument :
BNA_F
ClientSampled :
SS-7DL

Tot Ion:152 Resp: 54664
Ion Ratio Lower Upper
152 100
150 152.0 123.8 185.6
115 56.1 39.6 59.4



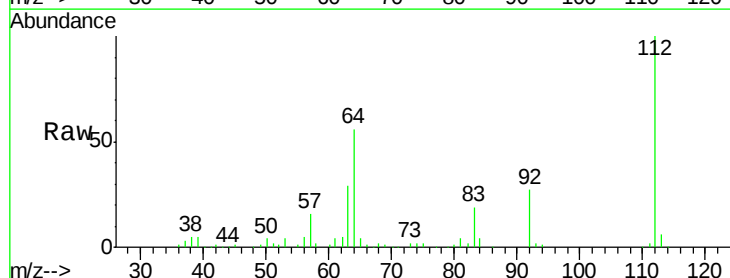
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



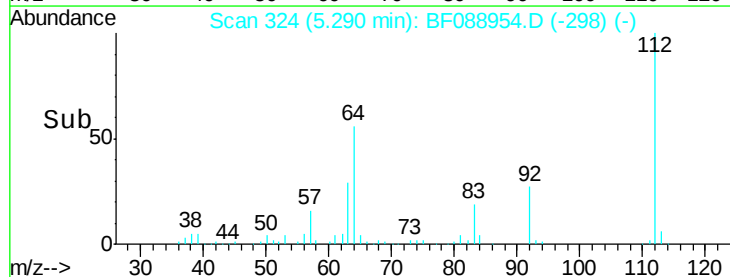
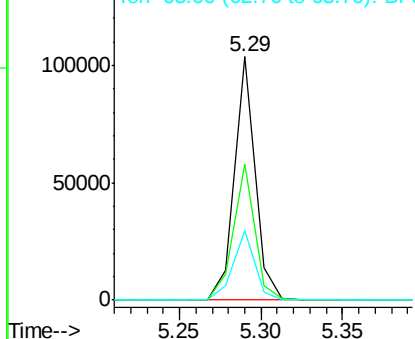
#5

2-Fluorophenol
Concen: 24.79 ng
RT: 5.29 min Scan# 324
Delta R.T. -0.00 min
Lab File: BF088954.D
Acq: 13 Jul 2016 10:00

Tgt Ion:112 Resp: 90432
Ion Ratio Lower Upper
112 100
64 56.2 42.2 63.2
63 28.5 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: 23.17 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088954.D

Acq: 13 Jul 2016 10:00

Instrument :

BNA_F

ClientSampled :

SS-7DL

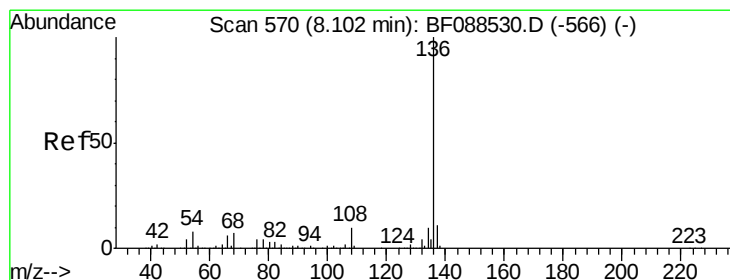
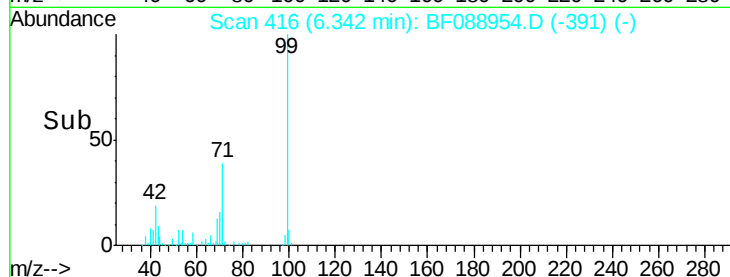
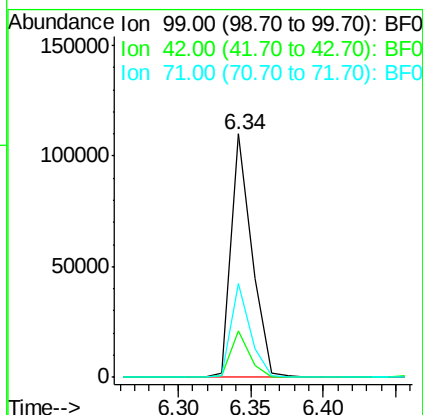
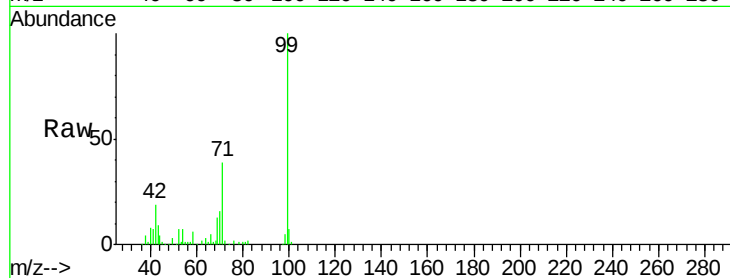
Tot Ion: 99 Resp: 109198

Ion Ratio Lower Upper

99 100

42 19.0 12.2 18.2#

71 38.6 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF088954.D

Acq: 13 Jul 2016 10:00

Tgt Ion: 136 Resp: 209892

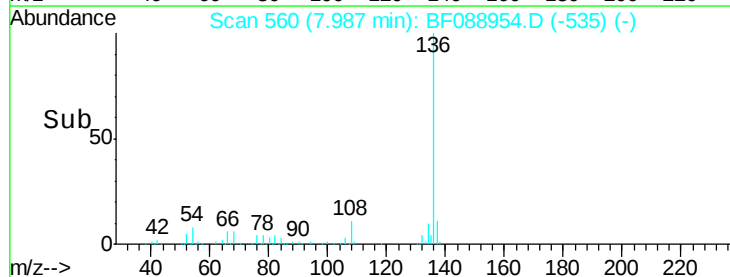
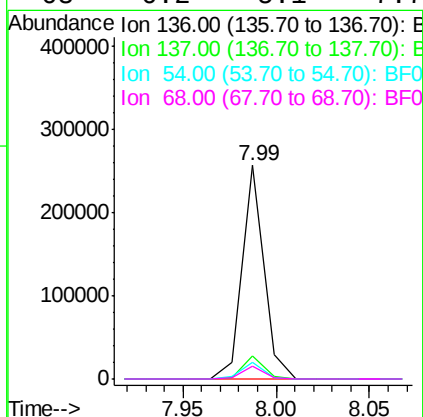
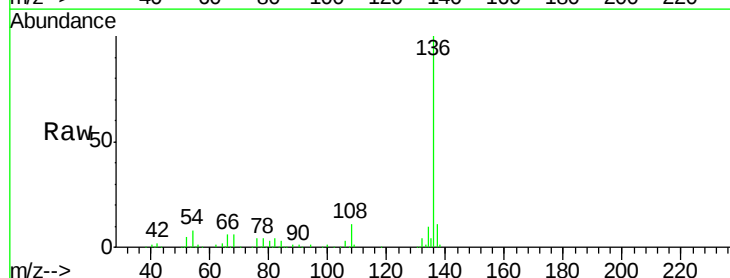
Ion Ratio Lower Upper

136 100

137 10.8 9.1 13.7

54 7.9 6.6 10.0

68 6.2 5.1 7.7

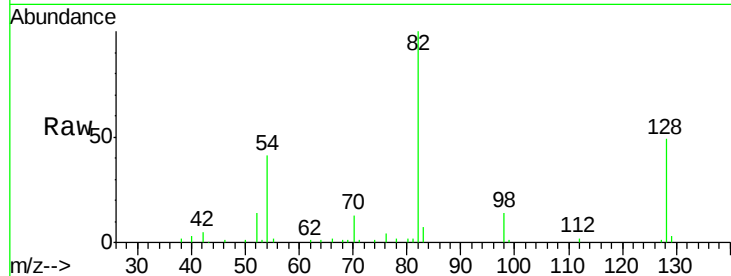




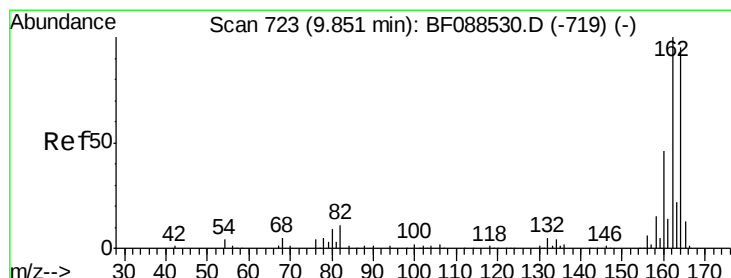
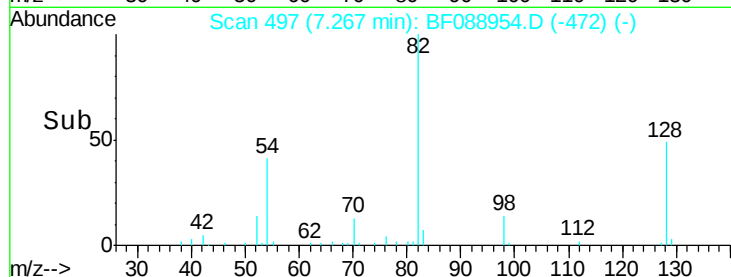
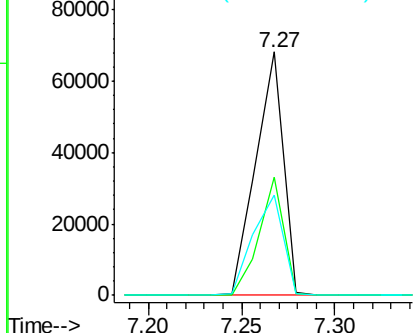
#23
 Nitrobenzene-d5
 Concen: 17.42 ng
 RT: 7.27 min Scan# 497
 Delta R.T. -0.01 min
 Lab File: BF088954.D
 Acq: 13 Jul 2016 10:00

Instrument :
 BNA_F
 ClientSampleID :
 SS-7DL

Tot Ion	82	Resp	69768
Ion Ratio	Lower	Upper	
82	100		
128	48.8	35.9	53.9
54	41.0	40.9	61.3

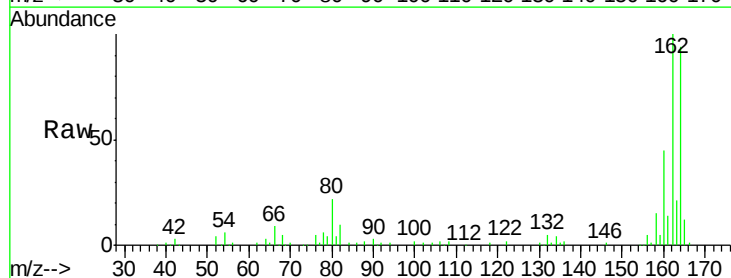


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

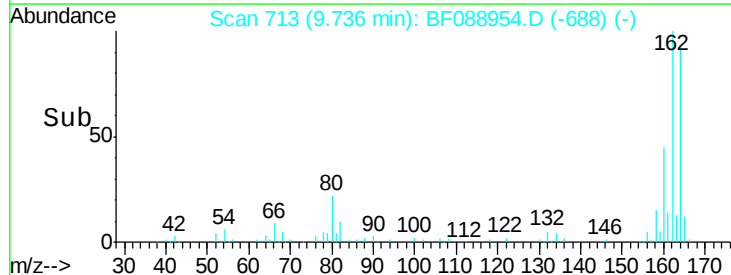
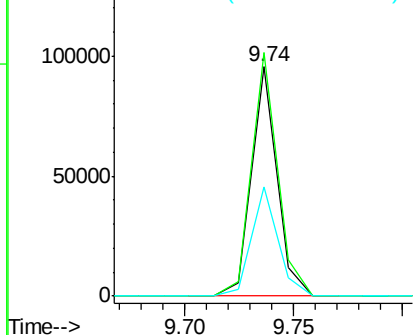


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.74 min Scan# 713
 Delta R.T. -0.01 min
 Lab File: BF088954.D
 Acq: 13 Jul 2016 10:00

Tgt Ion	164	Resp	77743
Ion Ratio	Lower	Upper	
164	100		
162	106.3	85.4	128.2
160	47.5	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

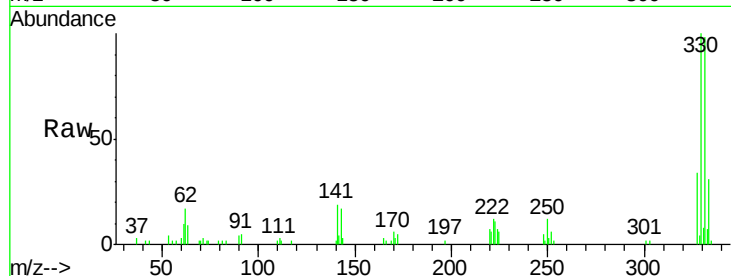




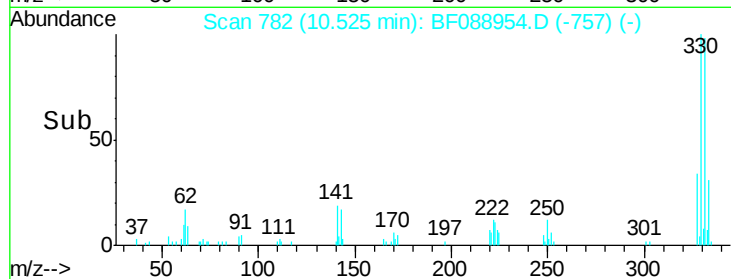
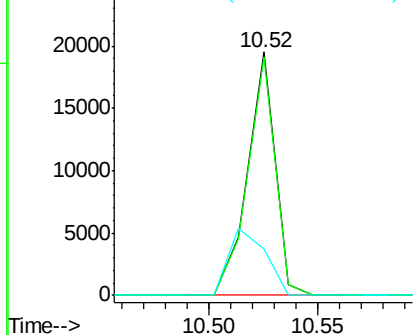
#41
 2,4,6-Tribromophenol
 Concen: 23.81 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088954.D
 Acq: 13 Jul 2016 10:00

Instrument :
 BNA_F
 ClientSampleId :
 SS-7DL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	36.2	0.0	0.0#

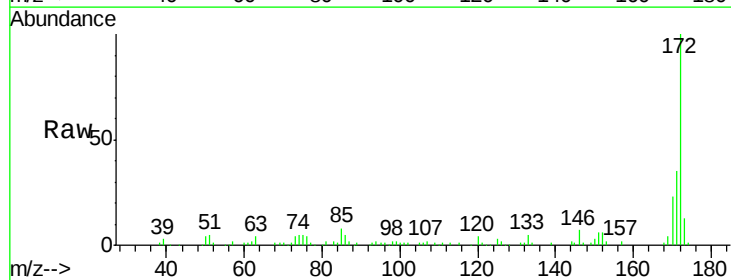


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

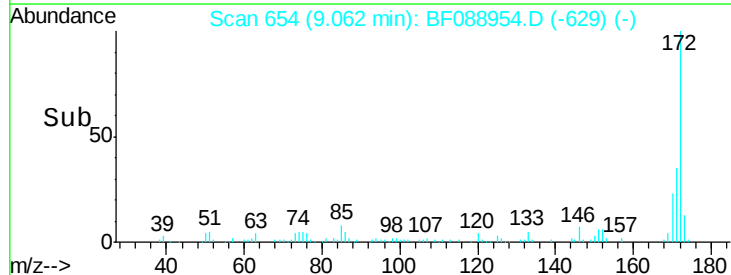
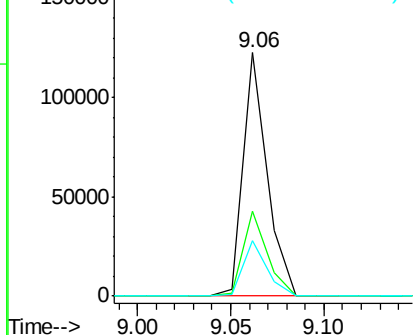


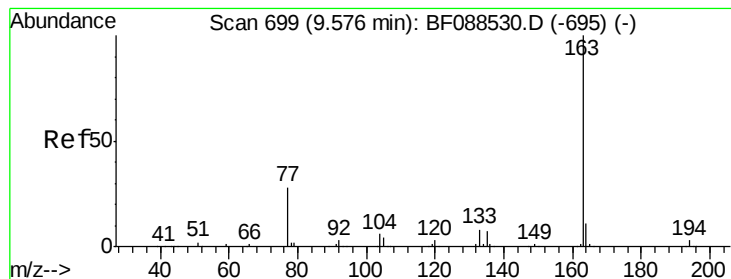
#44
 2-Fluorobiphenyl
 Concen: 22.29 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088954.D
 Acq: 13 Jul 2016 10:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.6	43.0
170	22.7	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: 21.82 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF088954.D

Acq: 13 Jul 2016 10:00

Instrument :

BNA_F

ClientSampleId :

SS-7DL

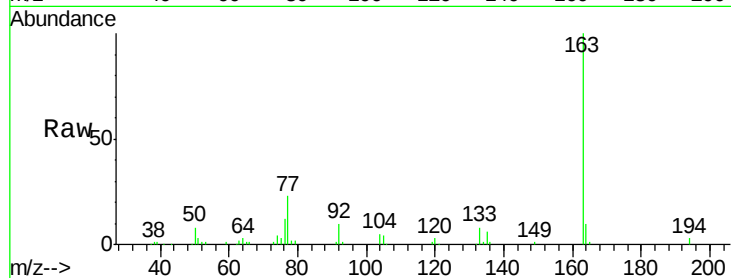
Tot Ion:163 Resp: 120850

Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

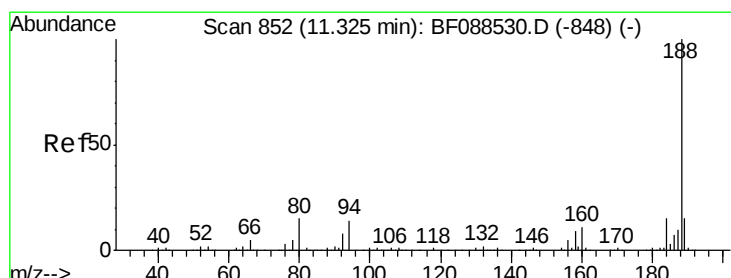
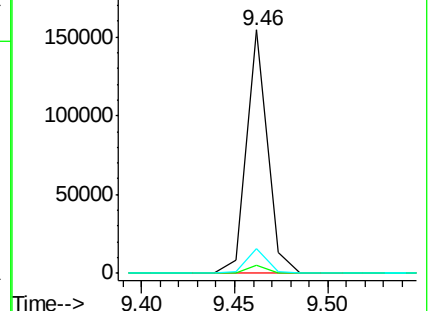
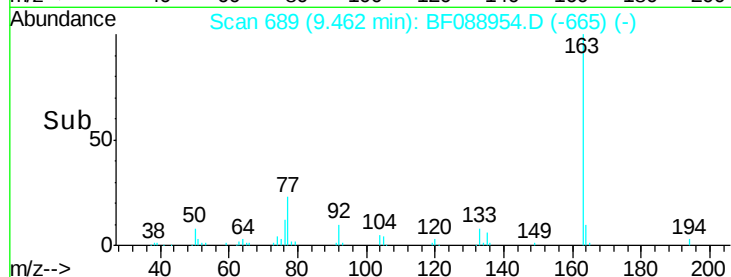
164 9.9 8.3 12.5



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: 11.21 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF088954.D

Acq: 13 Jul 2016 10:00

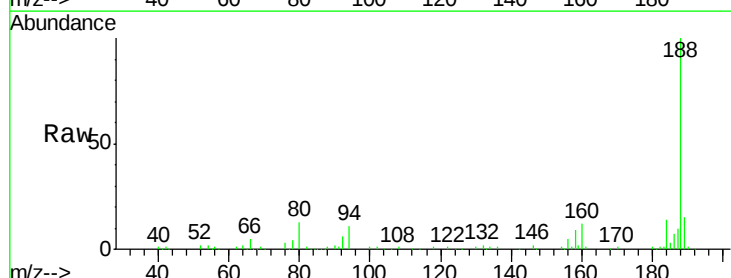
Tgt Ion:188 Resp: 122495

Ion Ratio Lower Upper

188 100

94 11.3 9.0 13.6

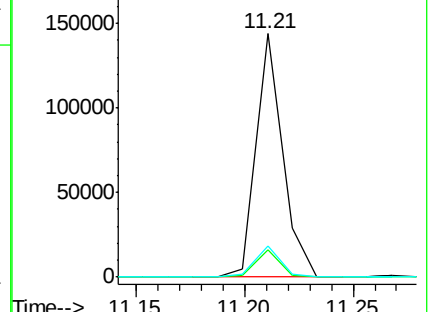
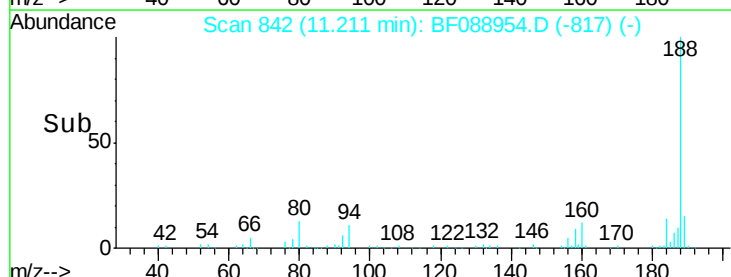
80 12.6 10.0 15.0

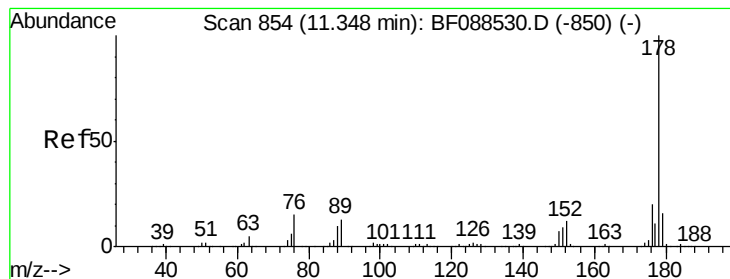


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 2.12 ng

RT: 11.23 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF088954.D

Acq: 13 Jul 2016 10:00

Instrument :

BNA_F

ClientSampleId :

SS-7DL

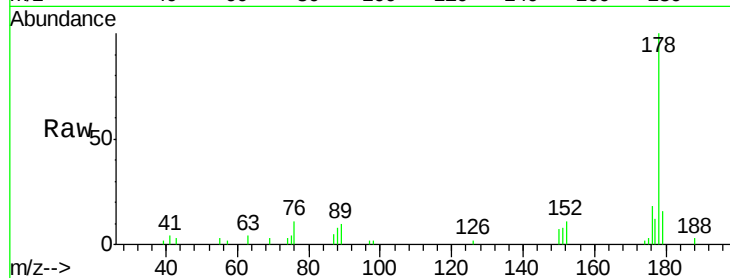
Tot Ion:178 Resp: 14187

Ion Ratio Lower Upper

178 100

176 18.3 15.8 23.6

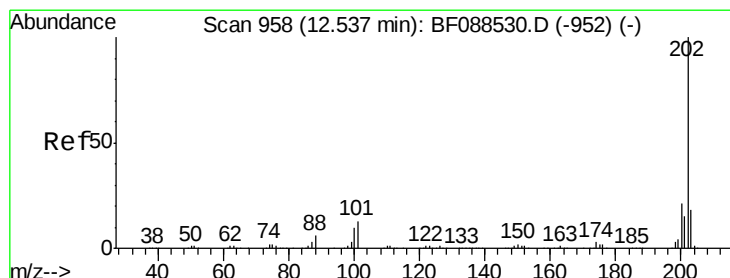
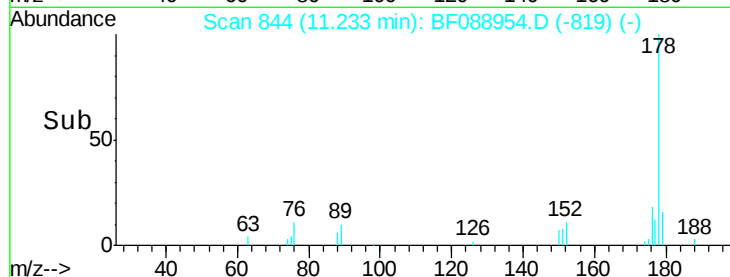
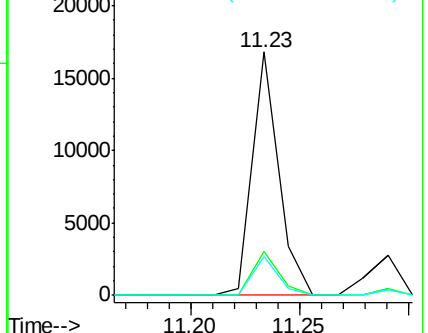
179 16.1 13.0 19.4



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: 3.53 ng

RT: 12.42 min Scan# 948

Delta R.T. -0.00 min

Lab File: BF088954.D

Acq: 13 Jul 2016 10:00

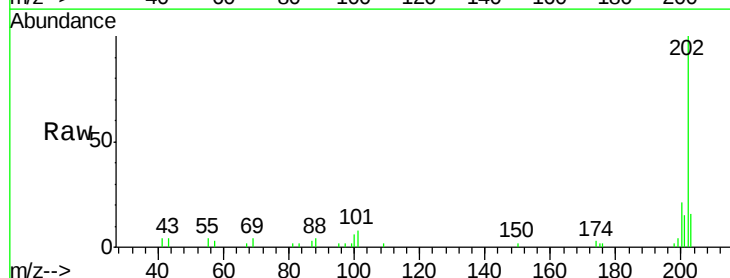
Tgt Ion:202 Resp: 23992

Ion Ratio Lower Upper

202 100

101 7.9 0.0 33.1

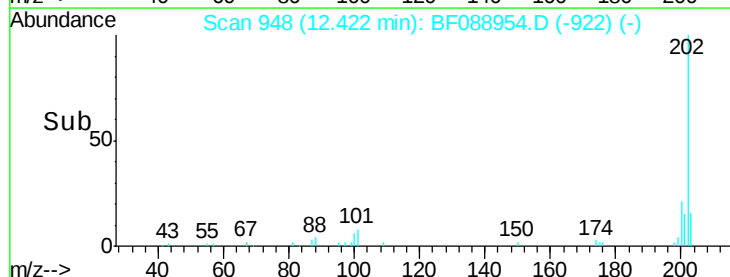
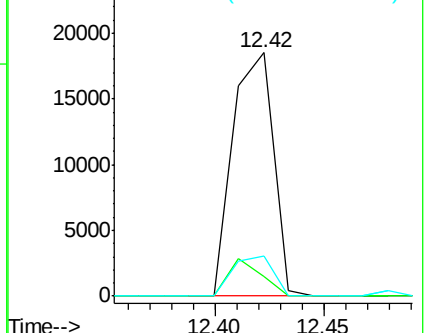
203 16.4 0.0 38.1



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: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088954.D

Acq: 13 Jul 2016 10:00

Instrument :

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SS-7DL

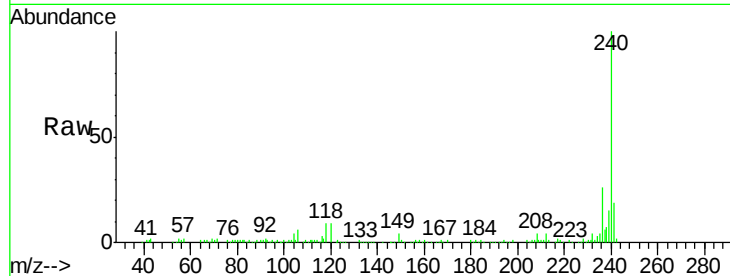
Tot Ion:240 Resp: 126920

Ion Ratio Lower Upper

240 100

120 8.9 6.8 10.2

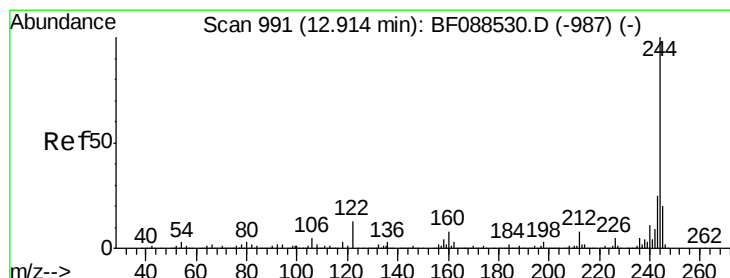
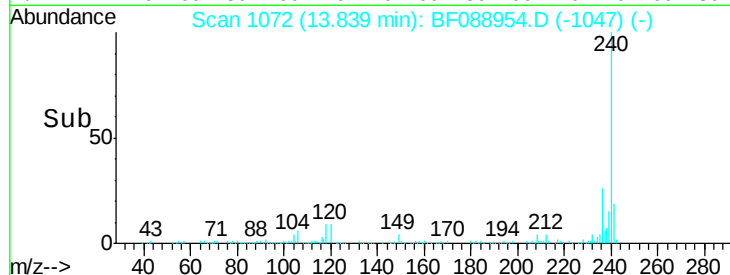
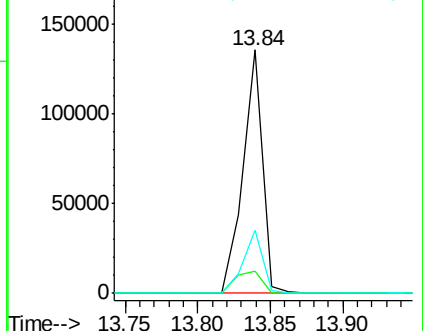
236 25.7 20.2 30.2



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



#78

Terphenyl-d14

Concen: 13.69 ng

RT: 12.80 min Scan# 981

Delta R.T. -0.00 min

Lab File: BF088954.D

Acq: 13 Jul 2016 10:00

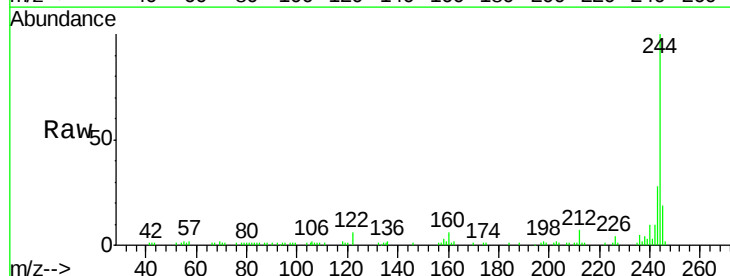
Tgt Ion:244 Resp: 78005

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

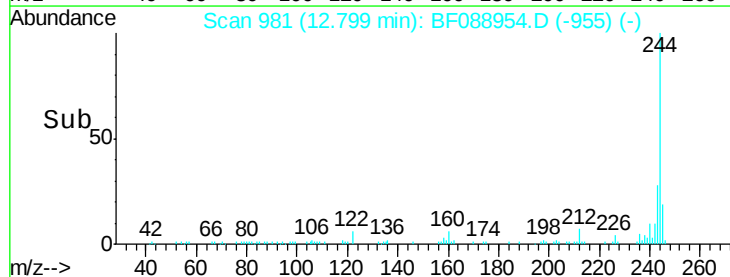
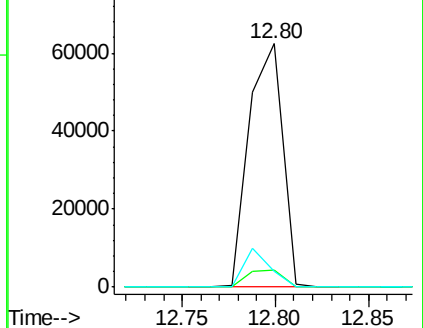
122 6.2 11.2 16.8#

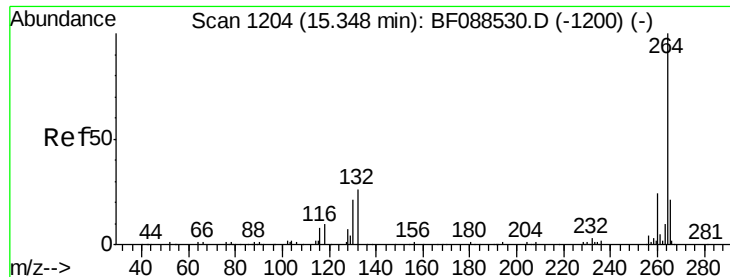


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

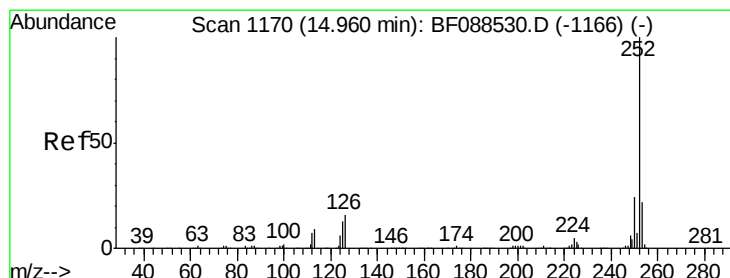
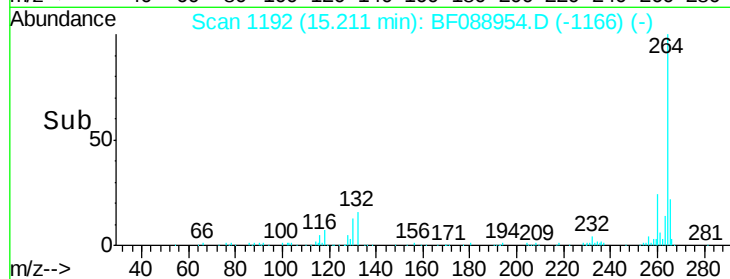
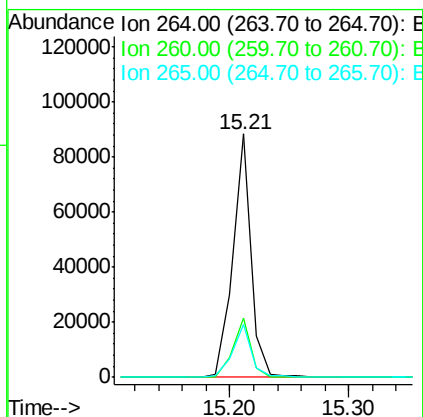
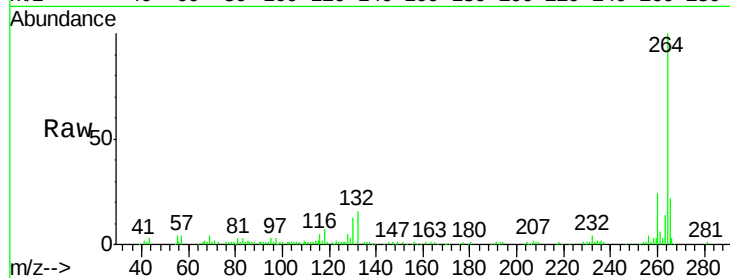




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1192
Delta R.T. -0.00 min
Lab File: BF088954.D
Acq: 13 Jul 2016 10:00

Instrument :
BNA_F
ClientSampleId :
SS-7DL

Tot Ion:264 Resp: 93732
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.6 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 2.27 ng m
RT: 14.83 min Scan# 1159
Delta R.T. -0.00 min
Lab File: BF088954.D
Acq: 13 Jul 2016 10:00

Tgt Ion:252 Resp: 13318
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 23.1 7.1 10.7#

