

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063016\
 Data File : BF088550.D
 Acq On : 1 Jul 2016 1:19
 Operator : UM/SJ
 Sample : H3630-03 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B1409-TP01N-1224

Quant Time: Jul 01 05:43:20 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

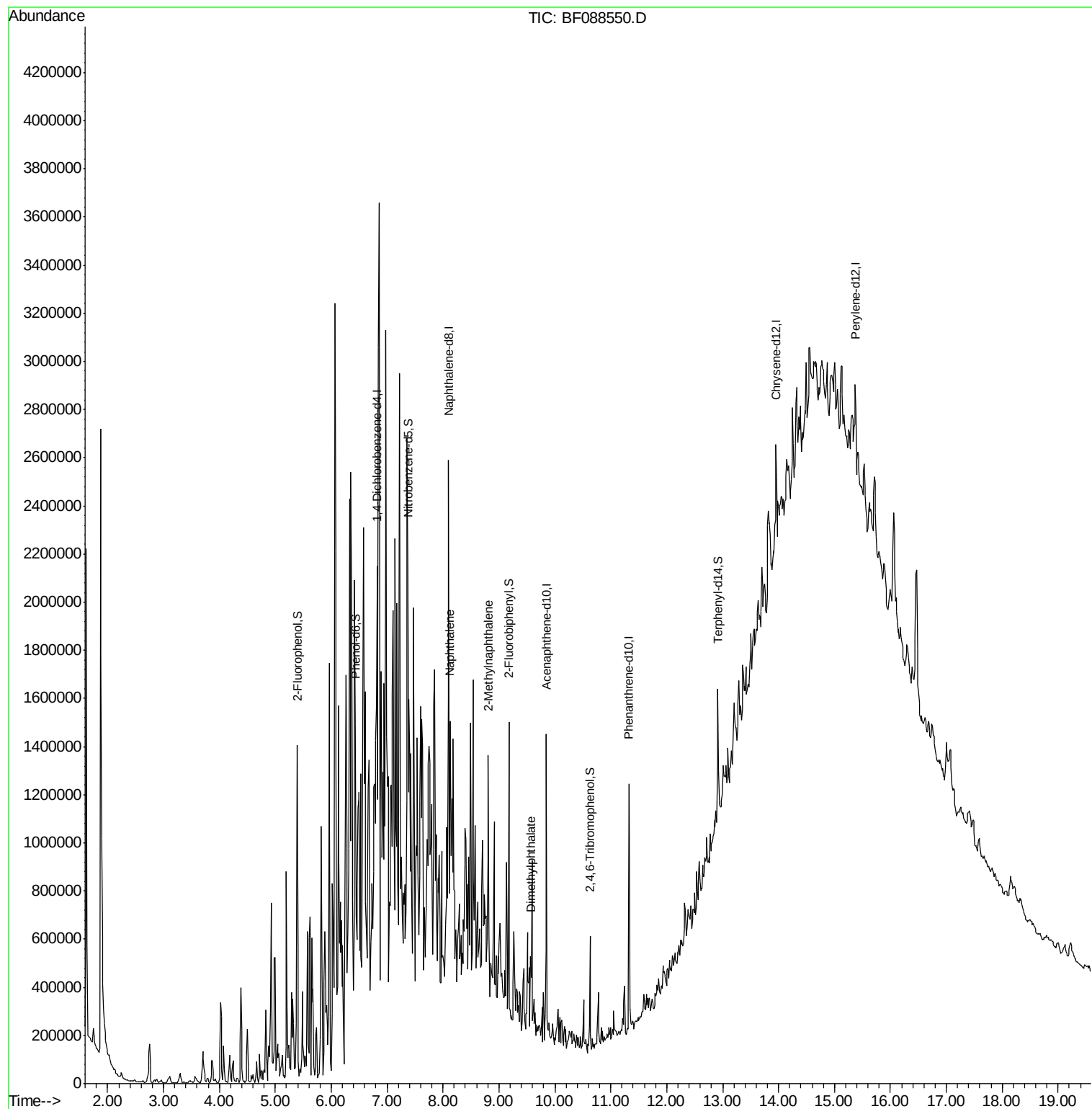
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	126917	20.00	ng	0.01
21) Naphthalene-d8	8.10	136	458461	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	223196	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	328438	20.00	ng	0.00
75) Chrysene-d12	13.95	240	205205	20.00	ng	0.00
86) Perylene-d12	15.37	264	224594	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	220203	26.00	ng	-0.01
7) Phenol-d6	6.43	99	299548	27.38	ng	-0.01
23) Nitrobenzene-d5	7.37	82	218946	25.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	41718	20.13	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	341397	24.16	ng	0.00
78) Terphenyl-d14	12.91	244	176372	19.14	ng	0.00
Target Compounds						
31) Naphthalene	8.12	128	187500	8.30	ng	# 85
37) 2-Methylnaphthalene	8.81	142	269894	18.55	ng	# 94
49) Dimethylphthalate	9.56	163	37571	2.36	ng	# 91

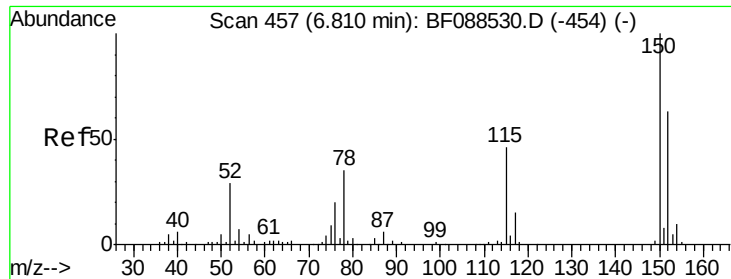
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF088550.D

Acq: 1 Jul 2016 1:19

Instrument :

BNA_F

ClientSampleId :

B1409-TP01N-1224

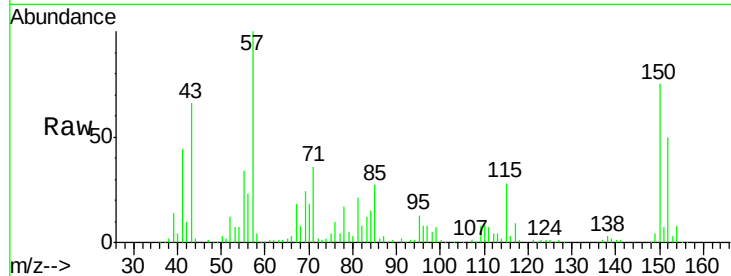
Tot Ion:152 Resp: 126917

Ion Ratio Lower Upper

152 100

150 150.6 123.8 185.6

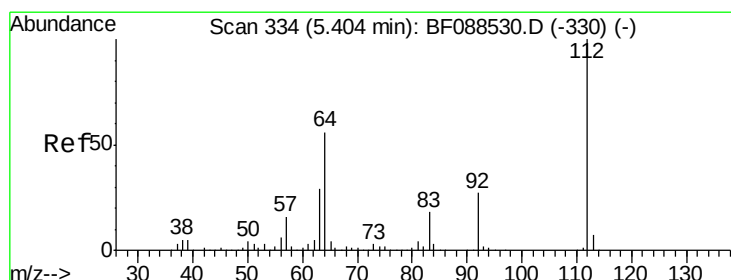
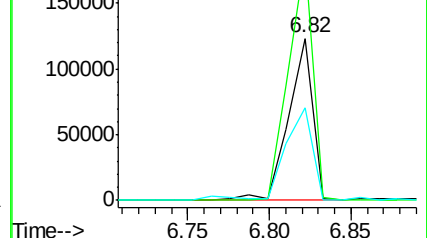
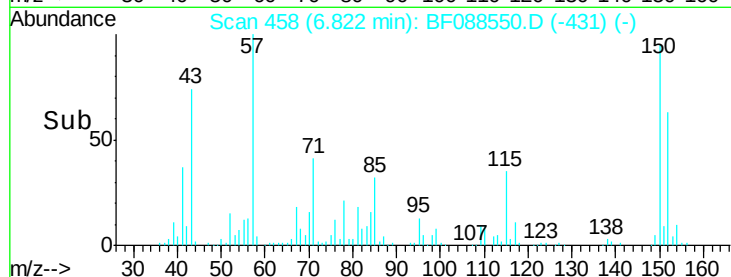
115 57.2 39.6 59.4



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: 26.00 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF088550.D

Acq: 1 Jul 2016 1:19

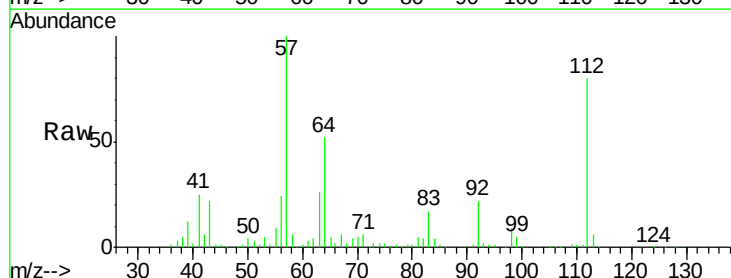
Tgt Ion:112 Resp: 220203

Ion Ratio Lower Upper

112 100

64 65.2 42.2 63.2#

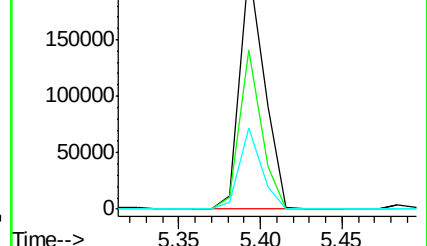
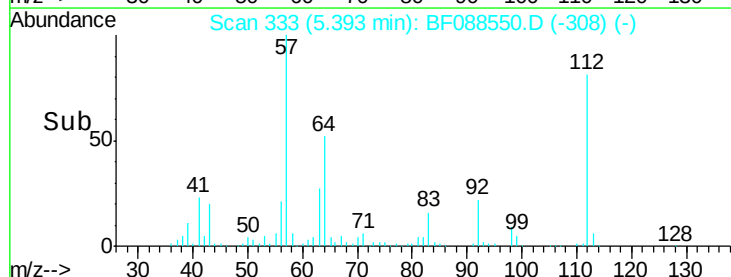
63 33.1 21.8 32.8#

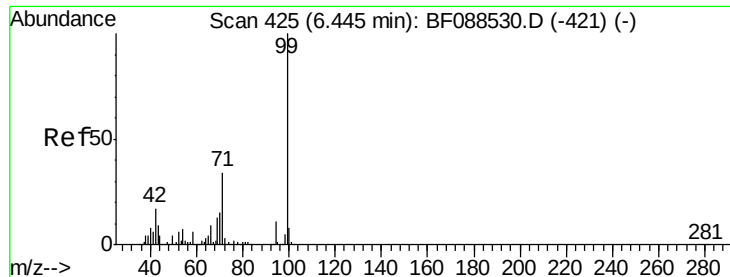


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 27.38 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088550.D

Acq: 1 Jul 2016 1:19

Instrument :

BNA_F

ClientSampleId :

B1409-TP01N-1224

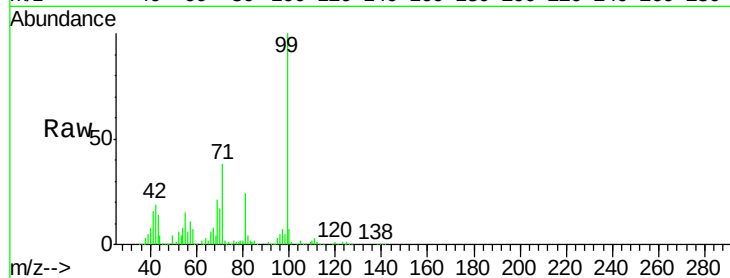
Tot Ion: 99 Resp: 299548

Ion Ratio Lower Upper

99 100

42 19.4 12.2 18.2#

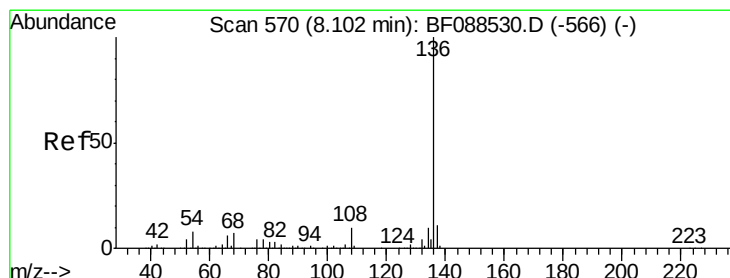
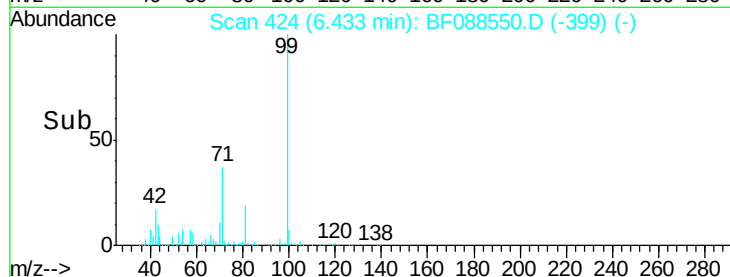
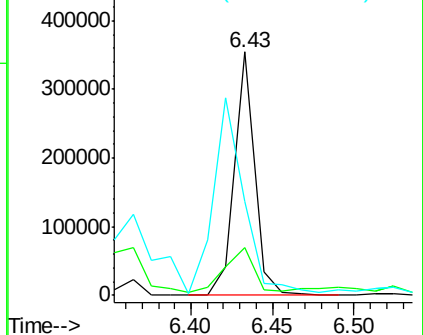
71 38.4 23.4 35.0#



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: BF088550.D

Acq: 1 Jul 2016 1:19

Tgt Ion: 136 Resp: 458461

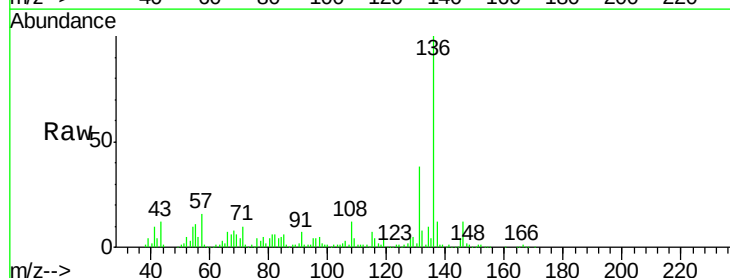
Ion Ratio Lower Upper

136 100

137 11.6 9.1 13.7

54 9.6 6.6 10.0

68 8.4 5.1 7.7#

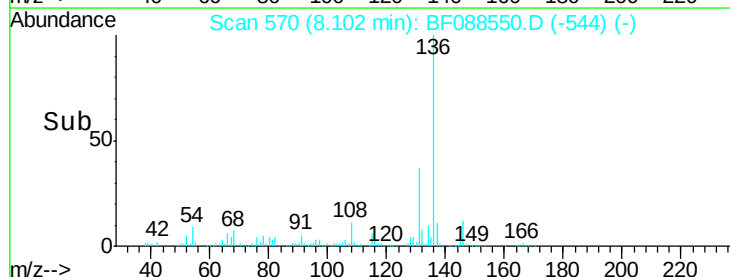
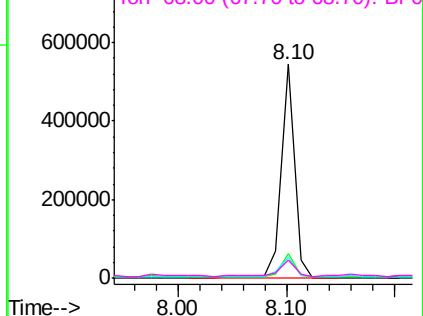


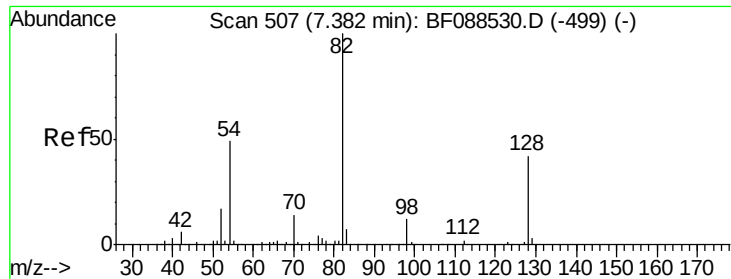
Abundance Ion 136.00 (135.70 to 136.70): E

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

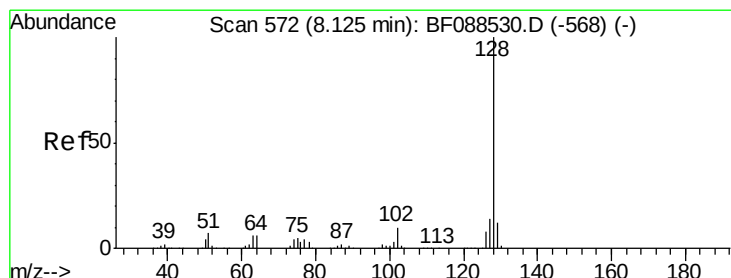
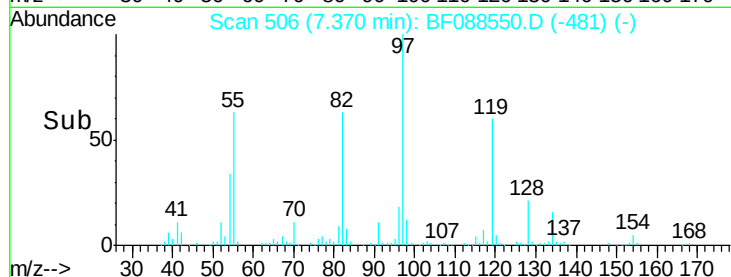
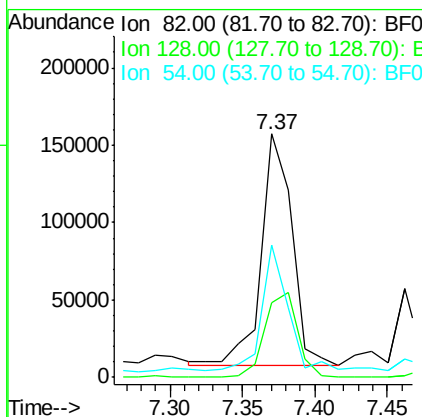
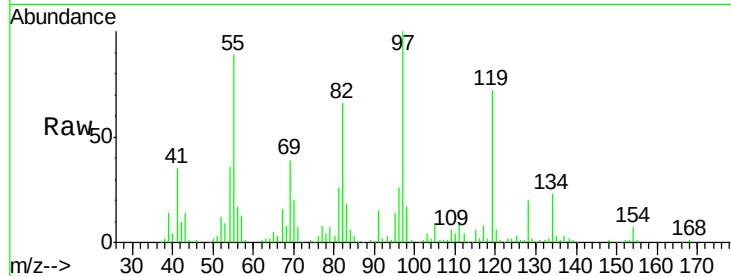




#23
Nitrobenzene-d5
Concen: 25.03 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF088550.D
Acq: 1 Jul 2016 1:19

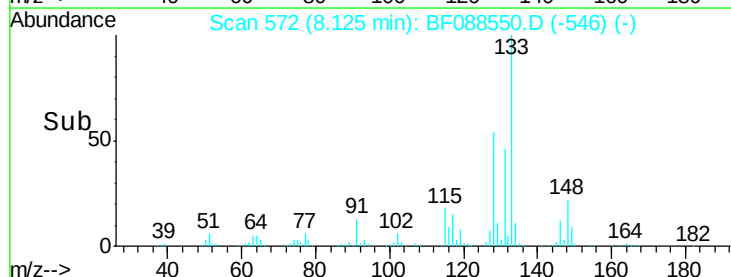
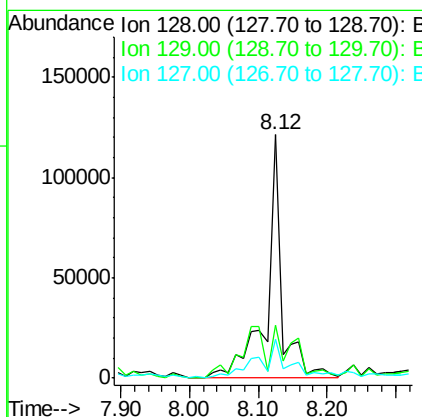
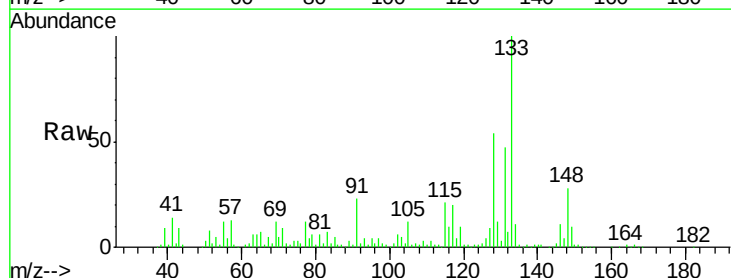
Instrument :
BNA_F
ClientSampleId :
B1409-TP01N-1224

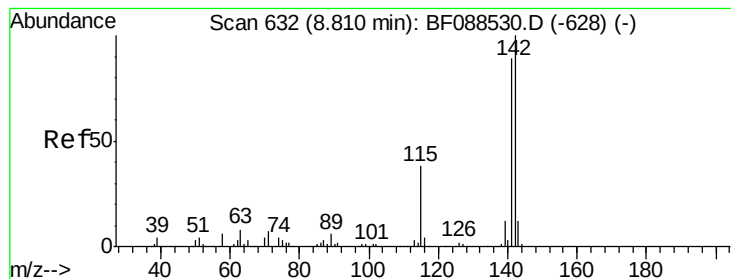
Tot Ion: 82 Resp: 218946
Ion Ratio Lower Upper
82 100
128 30.8 35.9 53.9#
54 54.2 40.9 61.3



#31
Naphthalene
Concen: 8.30 ng
RT: 8.12 min Scan# 572
Delta R.T. -0.00 min
Lab File: BF088550.D
Acq: 1 Jul 2016 1:19

Tgt Ion: 128 Resp: 187500
Ion Ratio Lower Upper
128 100
129 21.7 9.4 14.2#
127 16.0 10.9 16.3





#37

2-Methylnaphthalene

Concen: 18.55 ng

RT: 8.81 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF088550.D

Acq: 1 Jul 2016 1:19

Instrument :

BNA_F

ClientSampleId :

B1409-TP01N-1224

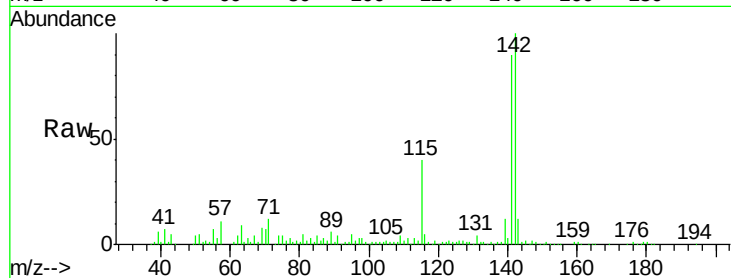
Tot Ion:142 Resp: 269894

Ion Ratio Lower Upper

142 100

141 89.6 71.0 106.6

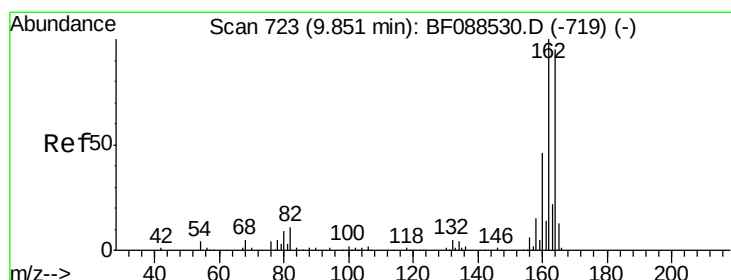
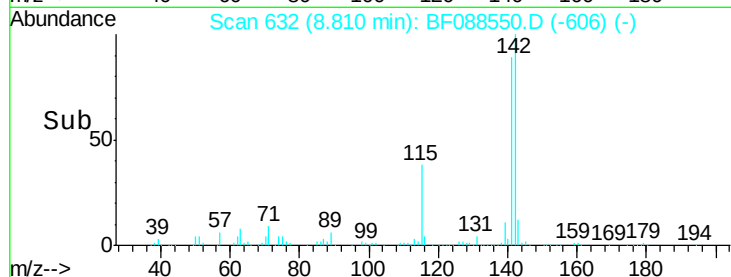
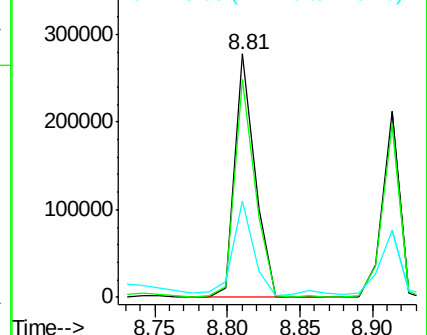
115 39.7 22.6 33.8#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF088550.D

Acq: 1 Jul 2016 1:19

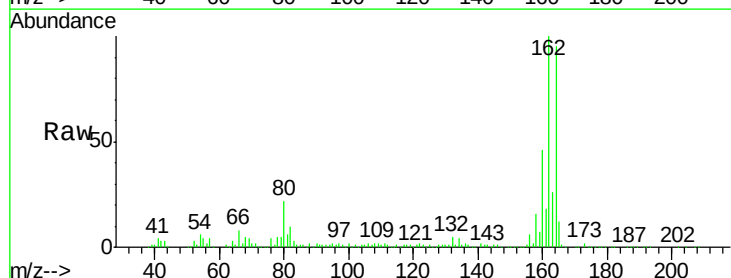
Tgt Ion:164 Resp: 223196

Ion Ratio Lower Upper

164 100

162 105.6 85.4 128.2

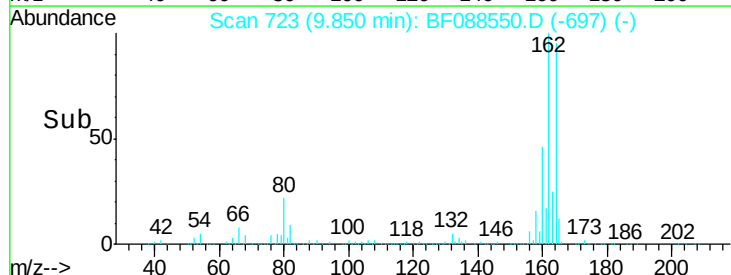
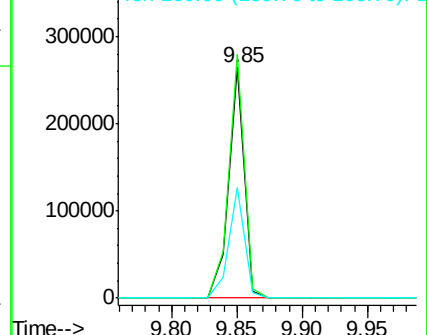
160 48.1 39.5 59.3

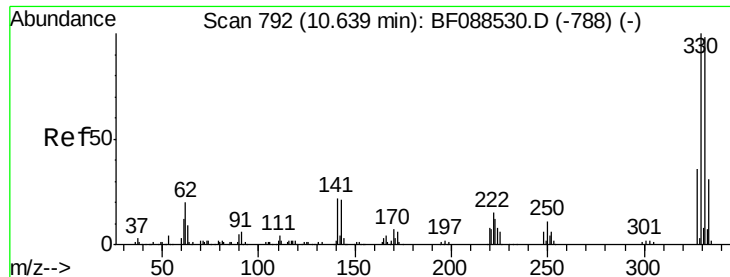


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 20.13 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF088550.D

Acq: 1 Jul 2016 1:19

Instrument :

BNA_F

ClientSampleId :

B1409-TP01N-1224

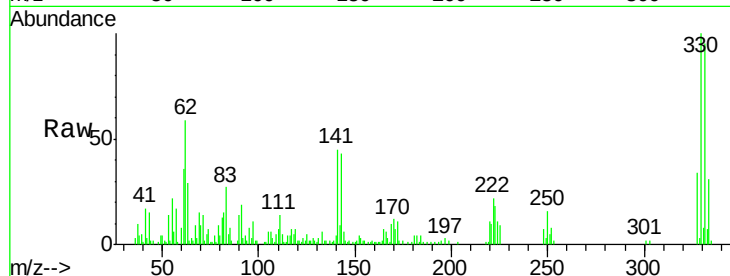
Tot Ion:330 Resp: 41718

Ion Ratio Lower Upper

330 100

332 96.2 0.0 0.0#

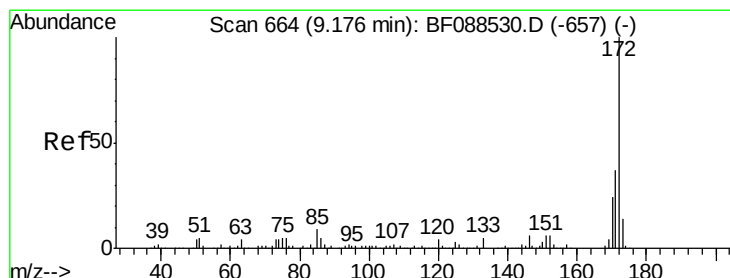
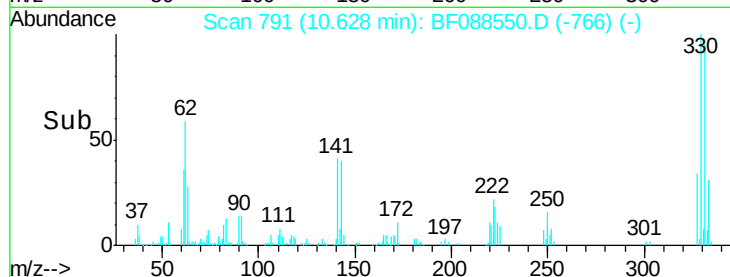
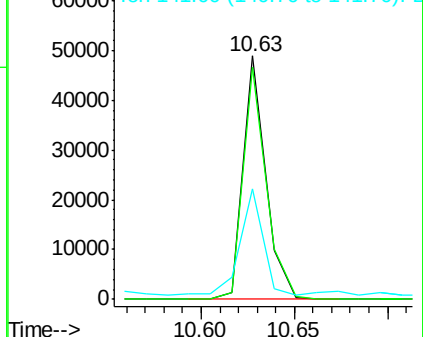
141 45.0 0.0 0.0#



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: 24.16 ng

RT: 9.18 min Scan# 664

Delta R.T. -0.00 min

Lab File: BF088550.D

Acq: 1 Jul 2016 1:19

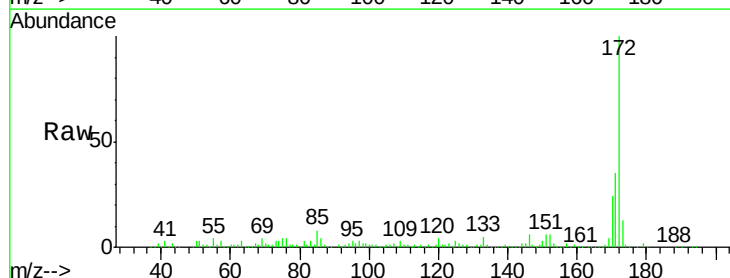
Tgt Ion:172 Resp: 341397

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

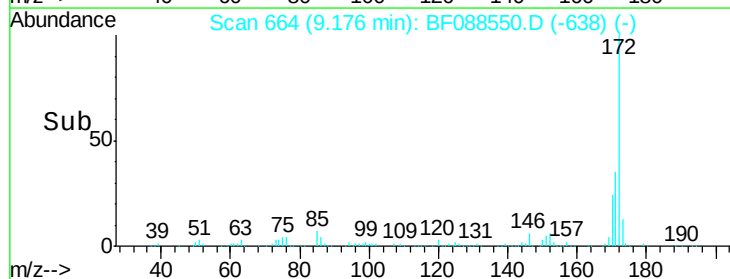
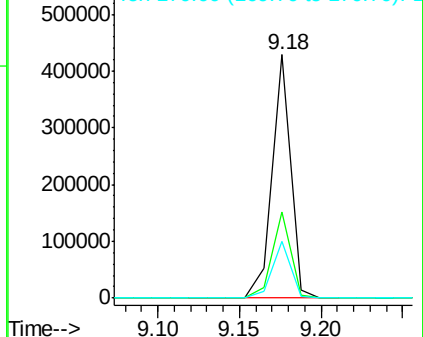
170 23.5 19.2 28.8

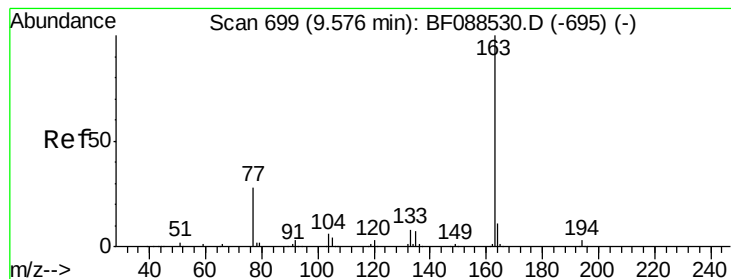


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 2.36 ng

RT: 9.56 min Scan# 698

Delta R.T. -0.01 min

Lab File: BF088550.D

Acq: 1 Jul 2016 1:19

Instrument :

BNA_F

ClientSampleId :

B1409-TP01N-1224

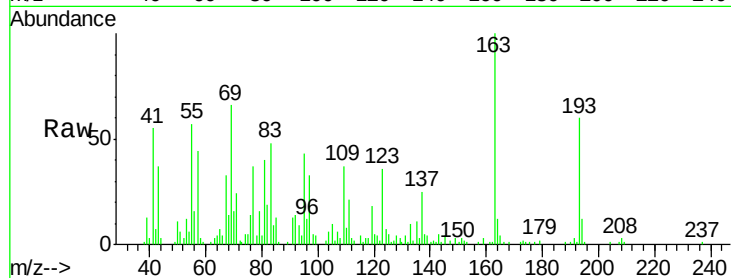
Tot Ion:163 Resp: 37571

Ion Ratio Lower Upper

163 100

194 12.4 2.8 4.2#

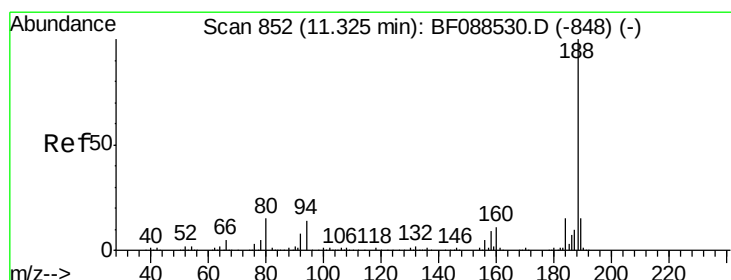
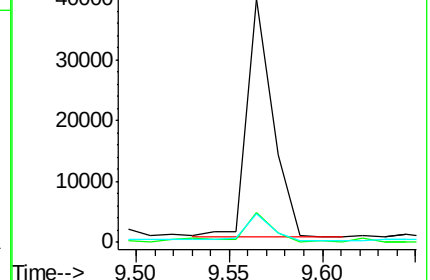
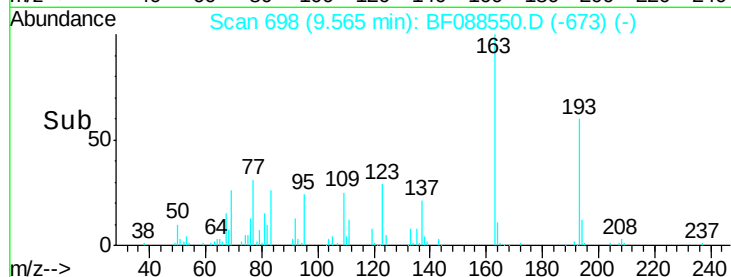
164 11.7 8.3 12.5



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: 11.32 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF088550.D

Acq: 1 Jul 2016 1:19

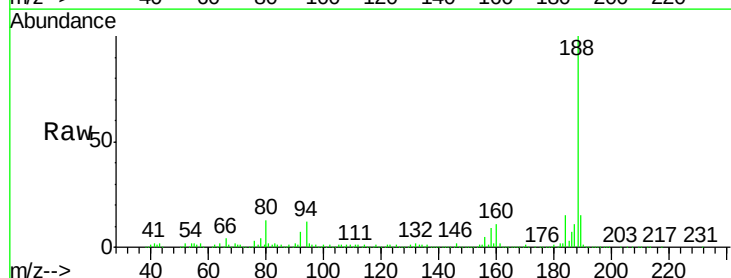
Tgt Ion:188 Resp: 328438

Ion Ratio Lower Upper

188 100

94 11.9 9.0 13.6

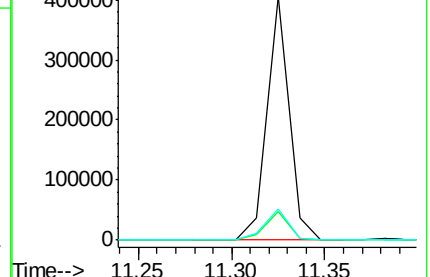
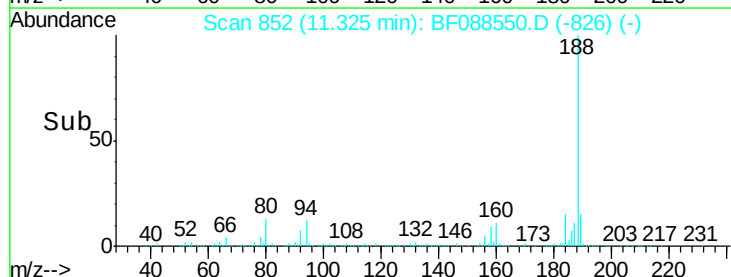
80 12.9 10.0 15.0

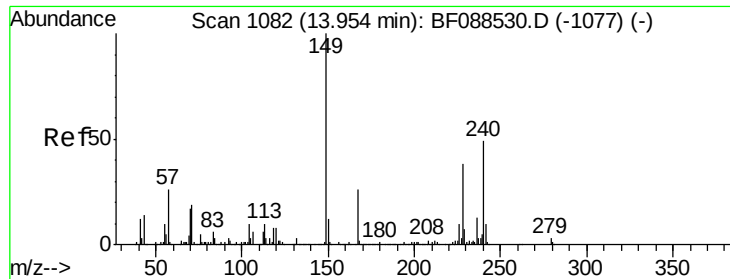


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

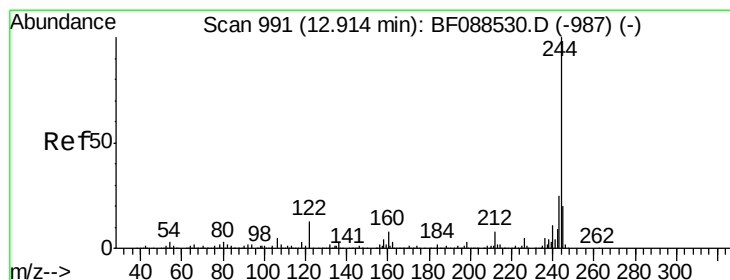
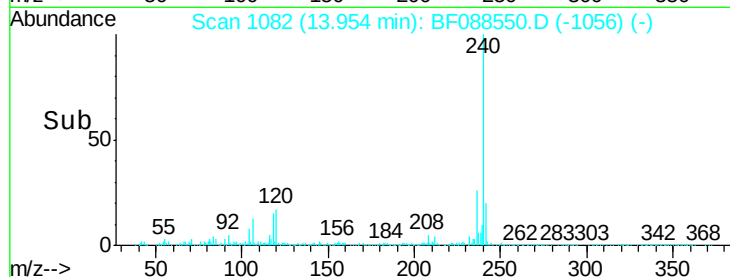
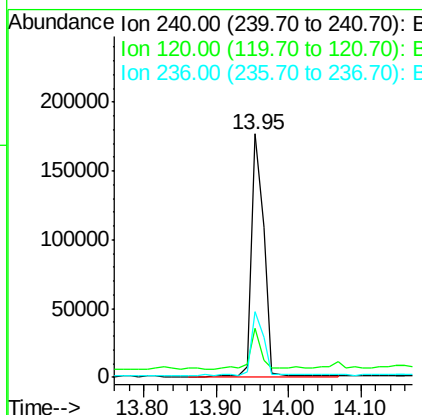
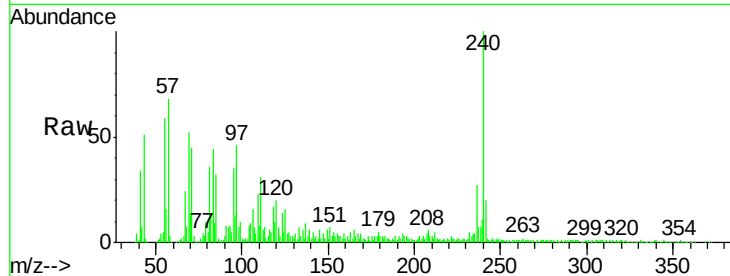




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1082
Delta R.T. -0.00 min
Lab File: BF088550.D
Acq: 1 Jul 2016 1:19

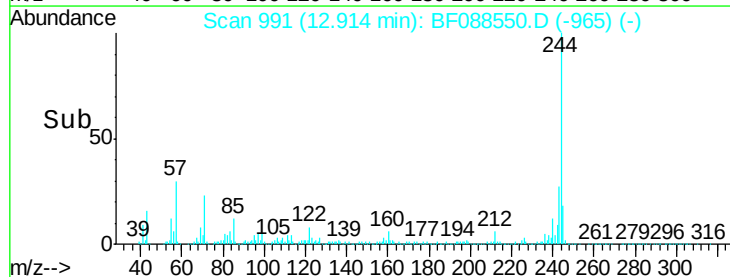
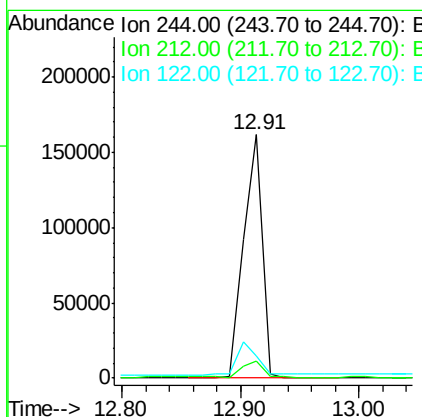
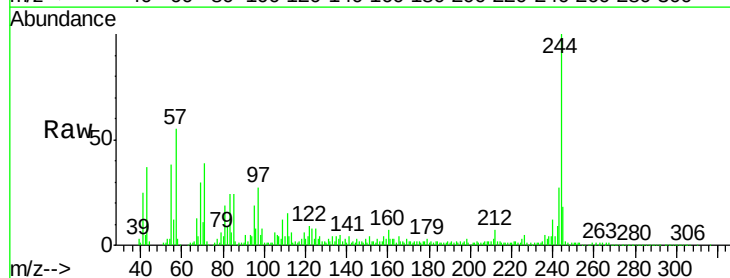
Instrument :
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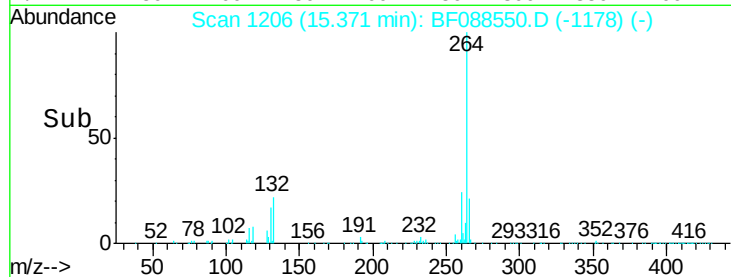
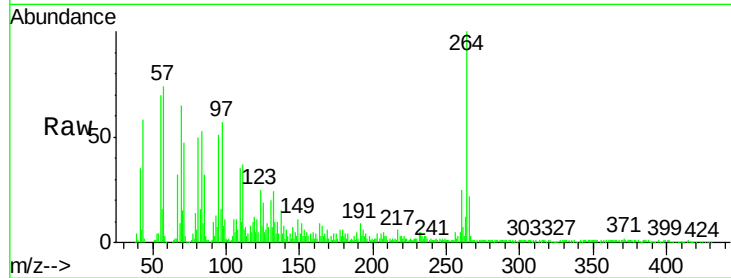
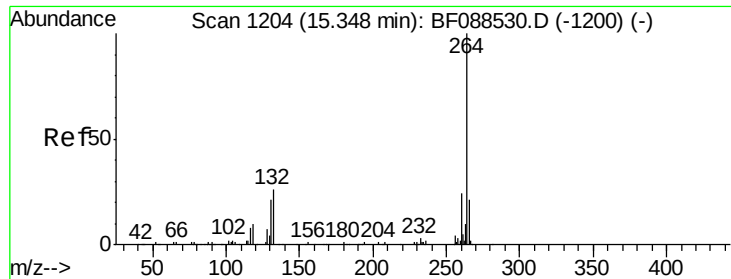
Tot Ion:240 Resp: 205205
Ion Ratio Lower Upper
240 100
120 20.4 6.8 10.2#
236 27.2 20.2 30.2



#78
Terphenyl-d14
Concen: 19.14 ng
RT: 12.91 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF088550.D
Acq: 1 Jul 2016 1:19

Tgt Ion:244 Resp: 176372
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 9.2 11.2 16.8#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.37 min Scan# 1206
Delta R.T. 0.02 min
Lab File: BF088550.D
Acq: 1 Jul 2016 1:19

Instrument :
BNA_F
ClientSampleId :
B1409-TP01N-1224

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.1	16.9	25.3

