

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071316\
 Data File : BF088967.D
 Acq On : 13 Jul 2016 19:40
 Operator : UM/SJ
 Sample : H3988-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C4.2-5

Quant Time: Jul 14 01:15:03 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

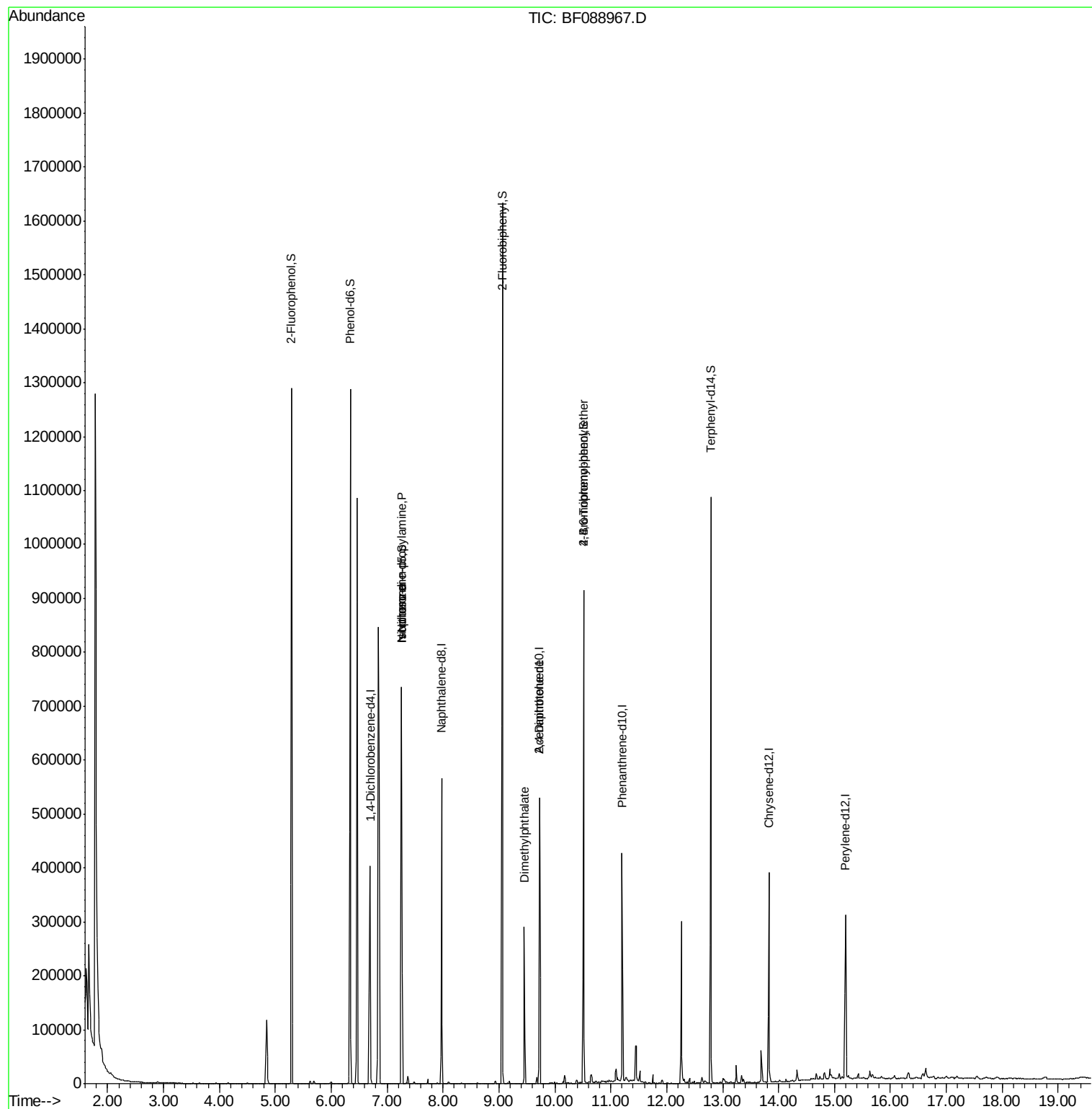
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	65149	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	244308	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	107232	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	175957	20.00	ng	-0.02
75) Chrysene-d12	13.83	240	124556	20.00	ng	-0.02
86) Perylene-d12	15.20	264	131277	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	341450	78.55	ng	0.00
7) Phenol-d6	6.34	99	442752	78.82	ng	-0.01
23) Nitrobenzene-d5	7.26	82	268825	57.66	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	91424	91.81	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	547486	80.65	ng	-0.01
78) Terphenyl-d14	12.79	244	304312	54.42	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.26	70	36197	9.59	ng	# 75
25) Isophorone	7.26	82	226811	26.26	ng	# 65
49) Dimethylphthalate	9.45	163	119561	15.65	ng	99
56) 2,4-Dinitrotoluene	9.72	165	13969	6.31	ng	# 36
66) 4-Bromophenyl-phenylether	10.51	248	6791	3.83	ng	# 1

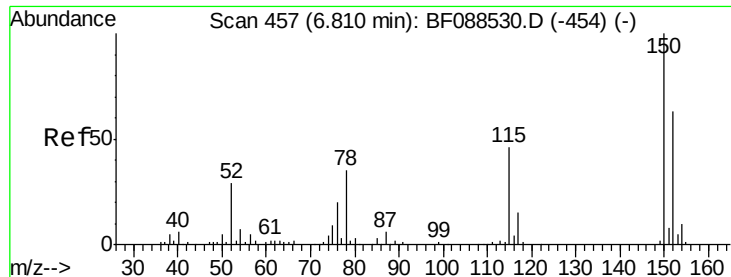
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF088967.D

Acq: 13 Jul 2016 19:40

Instrument :

BNA_F

ClientSampled :

C4.2-5

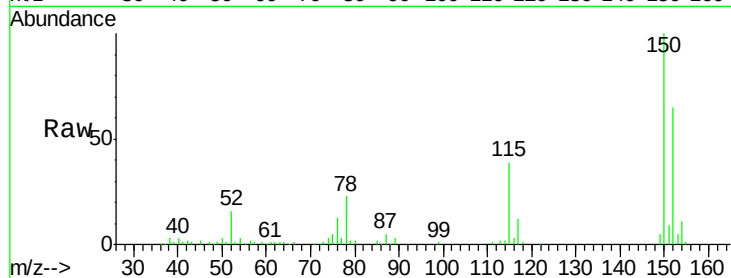
Tgt Ion:152 Resp: 65149

Ion Ratio Lower Upper

152 100

150 155.0 123.8 185.6

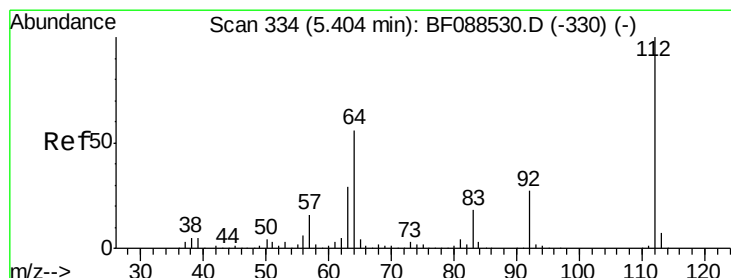
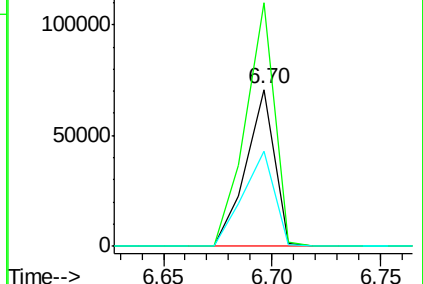
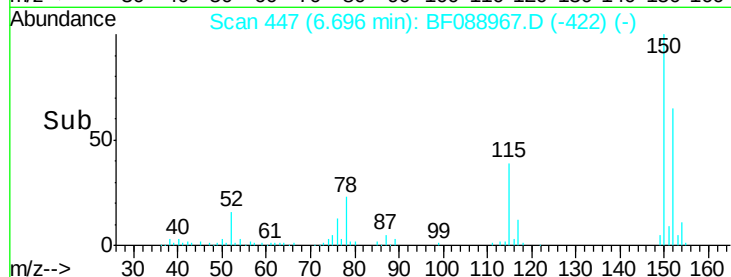
115 60.2 39.6 59.4#



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: 78.55 ng

RT: 5.29 min Scan# 324

Delta R.T. 0.00 min

Lab File: BF088967.D

Acq: 13 Jul 2016 19:40

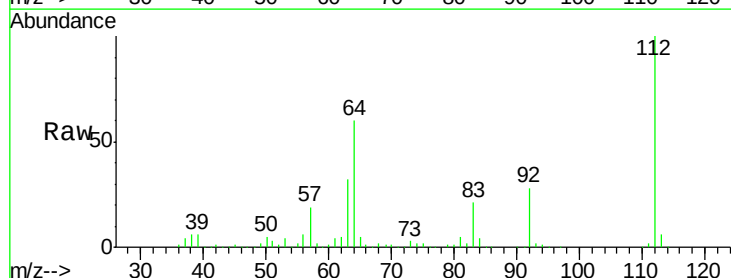
Tgt Ion:112 Resp: 341450

Ion Ratio Lower Upper

112 100

64 59.6 42.2 63.2

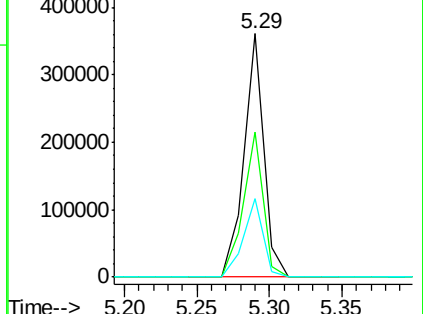
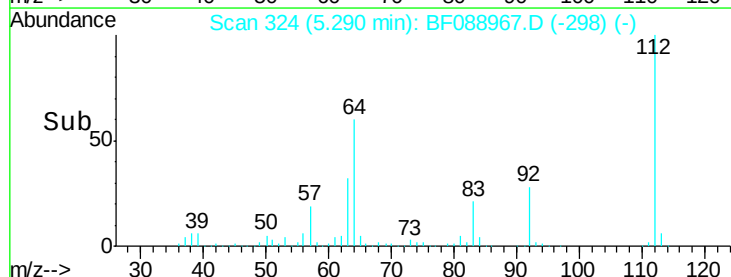
63 32.4 21.8 32.8

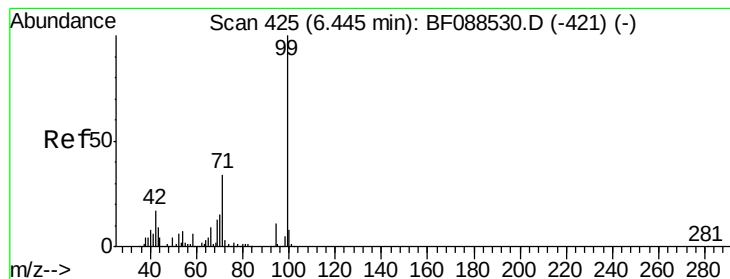


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 78.82 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088967.D

Acq: 13 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

C4.2-5

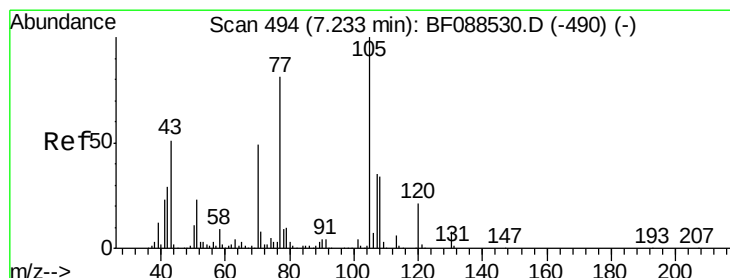
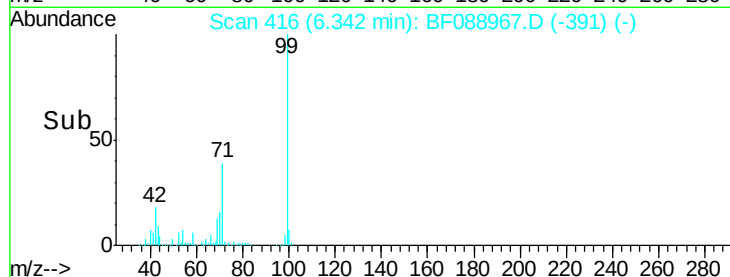
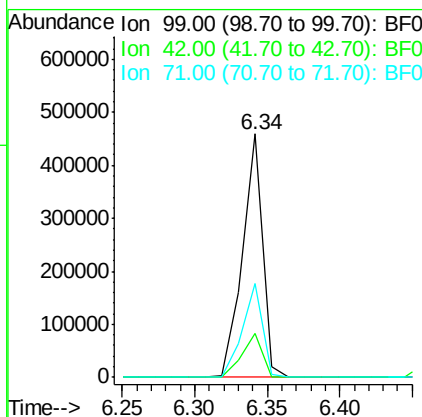
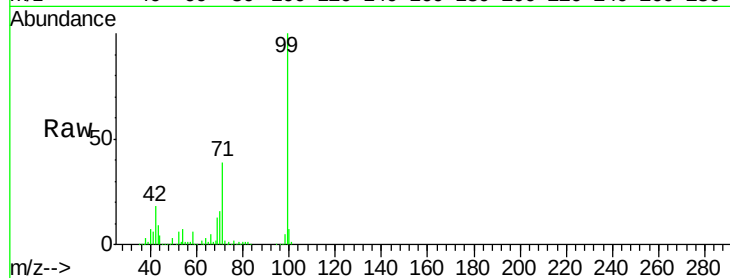
Tgt Ion: 99 Resp: 442752

Ion Ratio Lower Upper

99 100

42 18.3 12.2 18.2#

71 38.7 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 9.59 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.11 min

Lab File: BF088967.D

Acq: 13 Jul 2016 19:40

Tgt Ion: 70 Resp: 36197

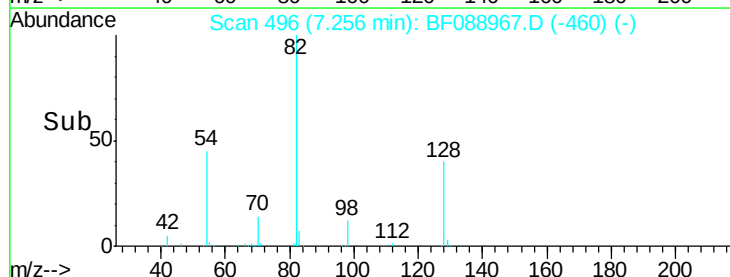
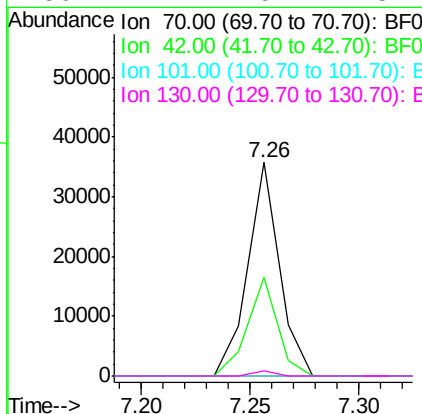
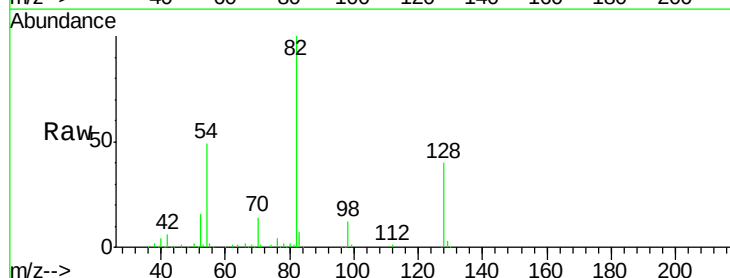
Ion Ratio Lower Upper

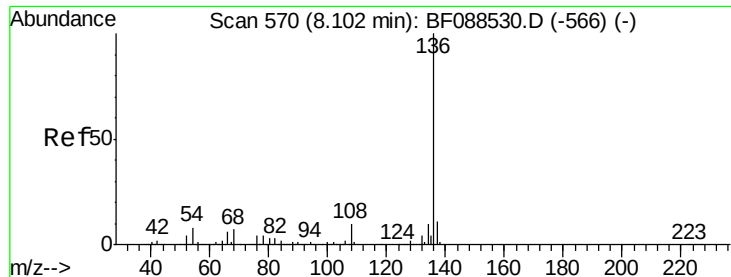
70 100

42 45.9 49.6 74.4#

101 0.0 7.1 10.7#

130 2.2 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF088967.D

Acq: 13 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

C4.2-5

Tgt Ion: 136 Resp: 244308

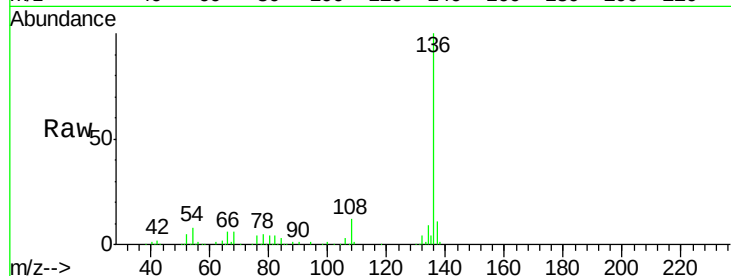
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.2 6.6 10.0

68 6.2 5.1 7.7

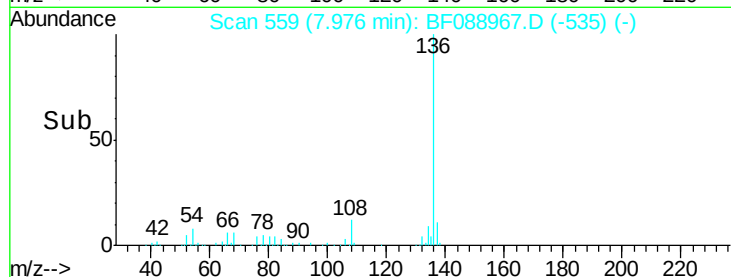


Abundance Ion 136.00 (135.70 to 136.70): E

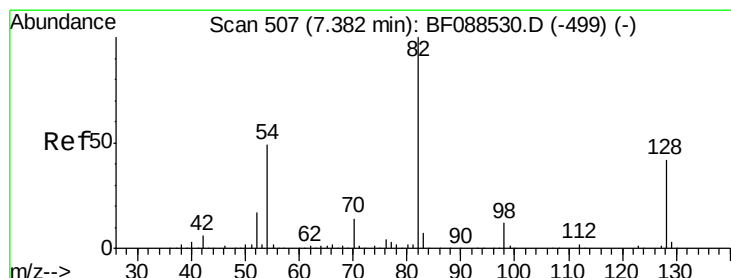
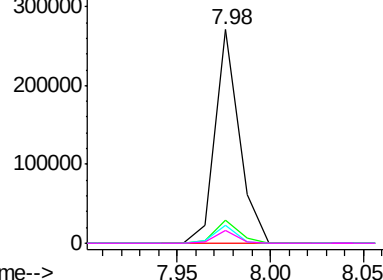
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 57.66 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF088967.D

Acq: 13 Jul 2016 19:40

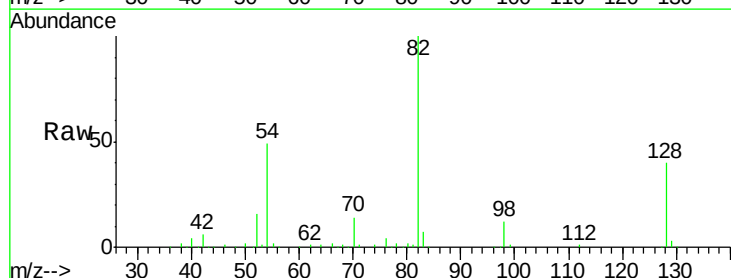
Tgt Ion: 82 Resp: 268825

Ion Ratio Lower Upper

82 100

128 40.1 35.9 53.9

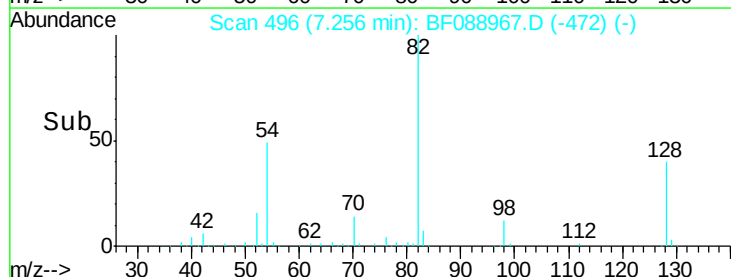
54 49.3 40.9 61.3



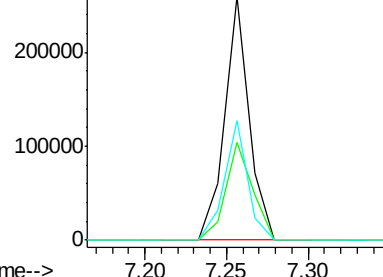
Abundance Ion 82.00 (81.70 to 82.70): BF0

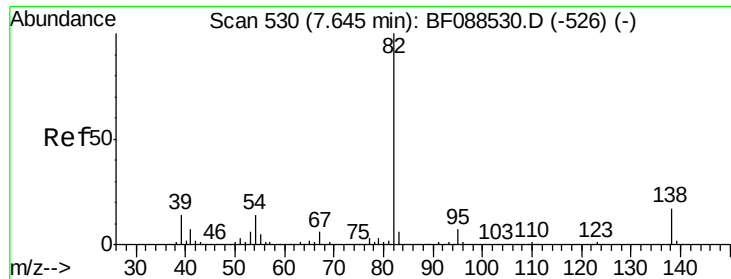
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 26.26 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.29 min

Lab File: BF088967.D

Acq: 13 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

C4.2-5

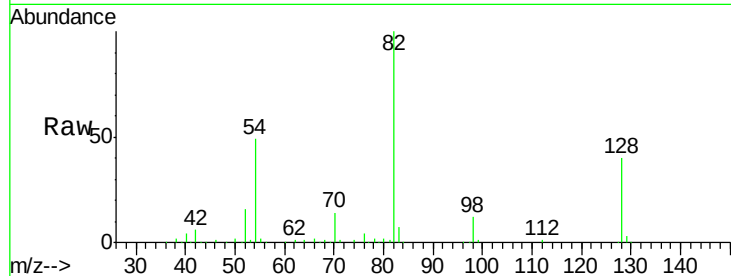
Tgt Ion: 82 Resp: 226811

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

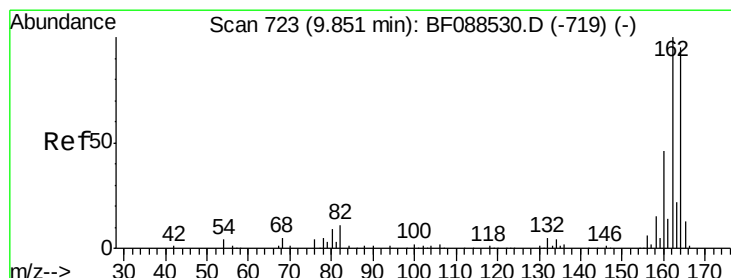
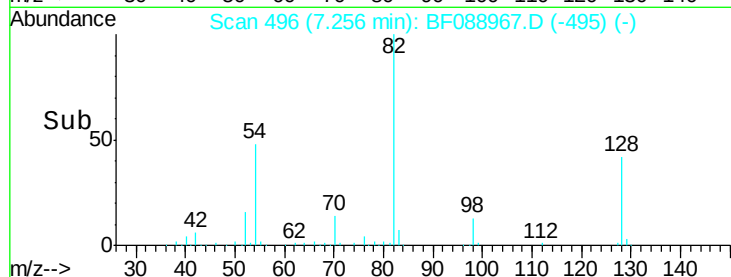
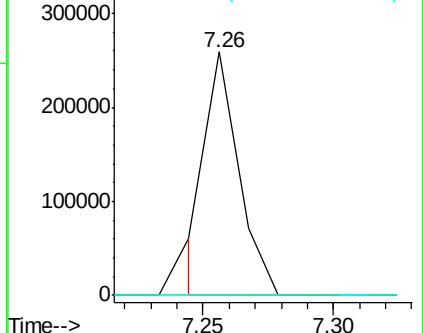
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF088967.D

Acq: 13 Jul 2016 19:40

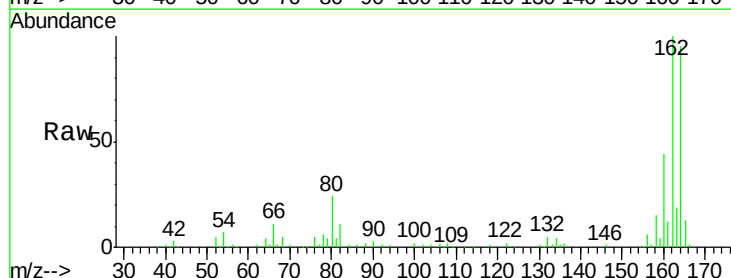
Tgt Ion: 164 Resp: 107232

Ion Ratio Lower Upper

164 100

162 105.3 85.4 128.2

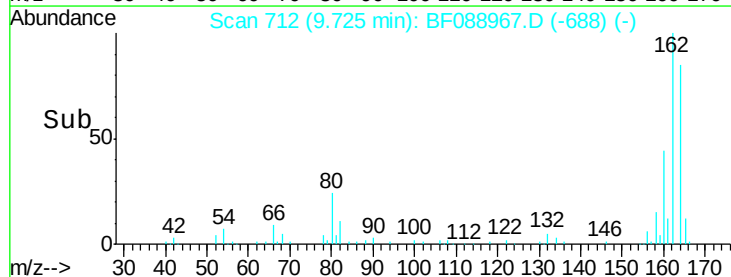
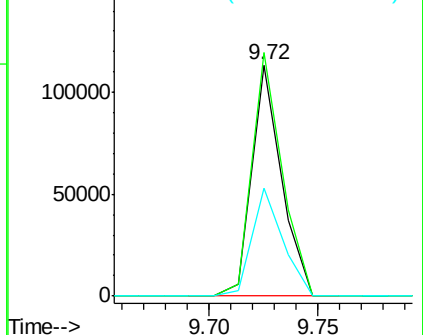
160 46.6 39.5 59.3

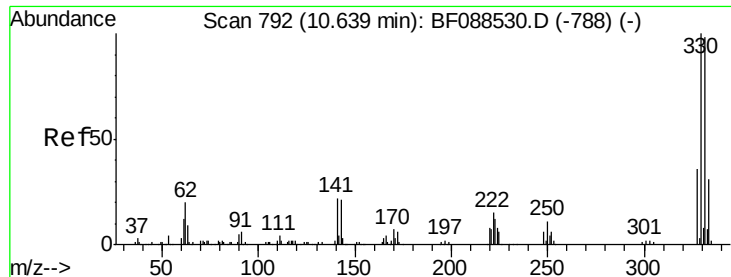


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

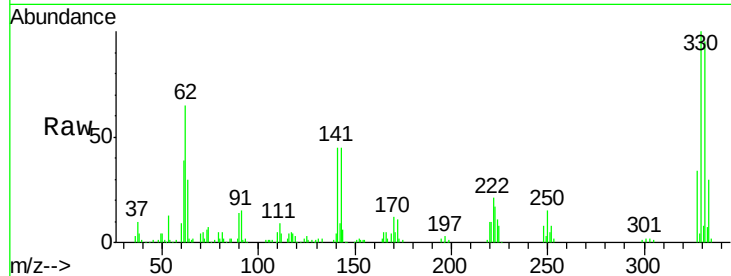




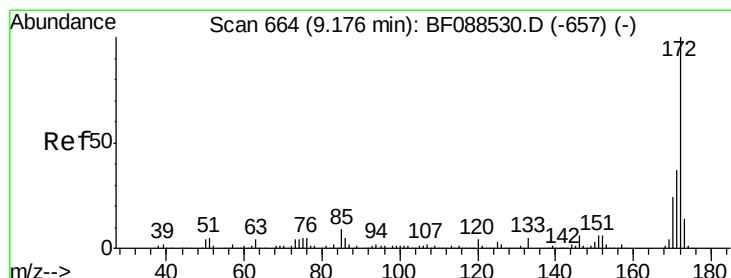
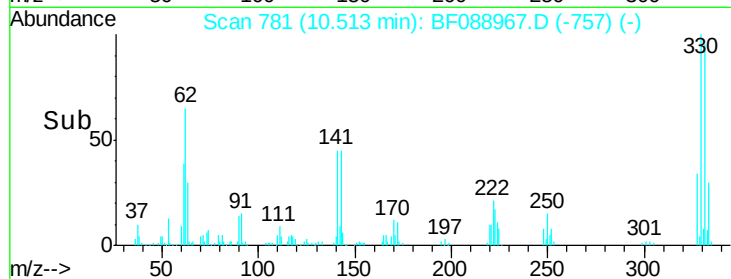
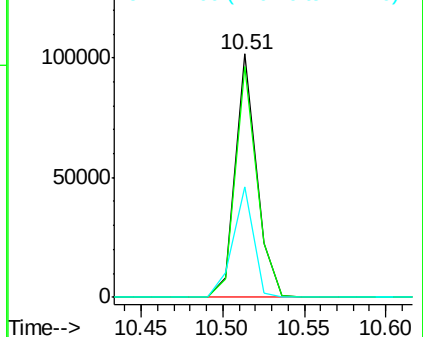
#41
 2,4,6-Tribromophenol
 Concen: 91.81 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BF088967.D
 Acq: 13 Jul 2016 19:40

Instrument :
 BNA_F
 ClientSampleId :
 C4.2-5

Tgt Ion: 330 Resp: 91424
 Ion Ratio Lower Upper
 330 100
 332 95.8 0.0 0.0#
 141 43.6 0.0 0.0#

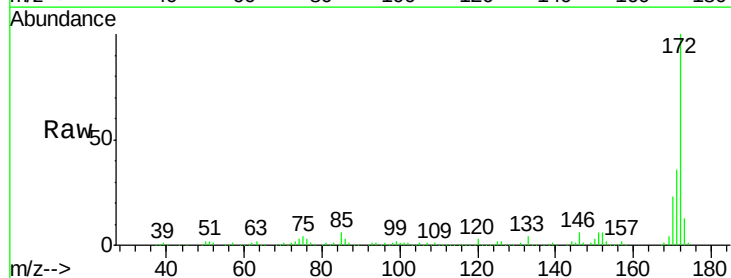


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

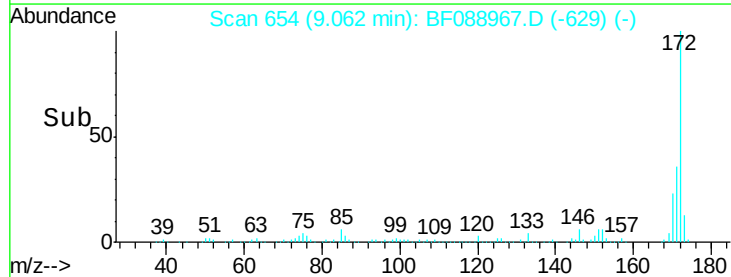
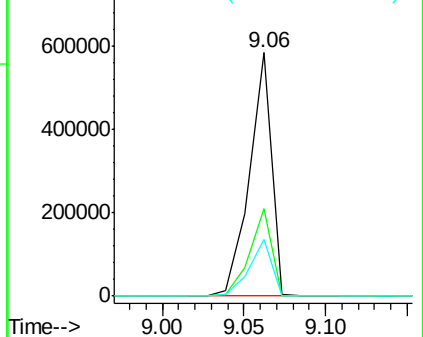


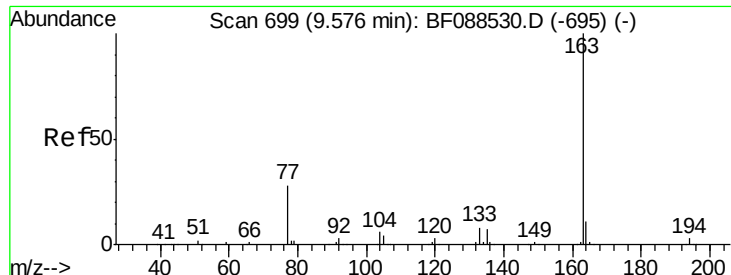
#44
 2-Fluorobiphenyl
 Concen: 80.65 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088967.D
 Acq: 13 Jul 2016 19:40

Tgt Ion: 172 Resp: 547486
 Ion Ratio Lower Upper
 172 100
 171 35.7 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: 15.65 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF088967.D

Acq: 13 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

C4.2-5

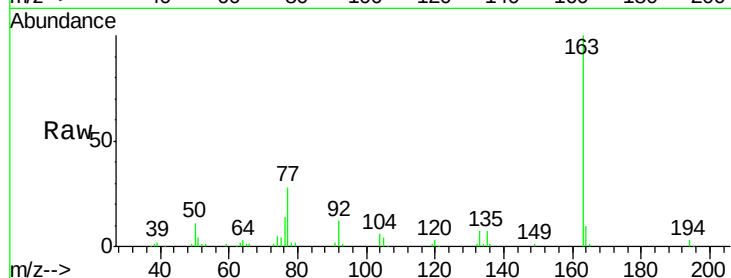
Tgt Ion:163 Resp: 119561

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

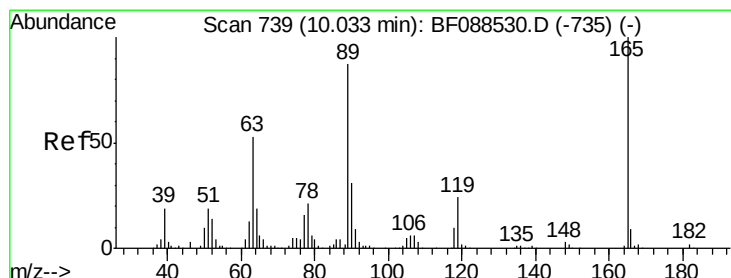
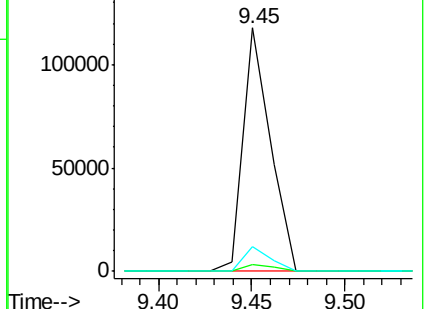
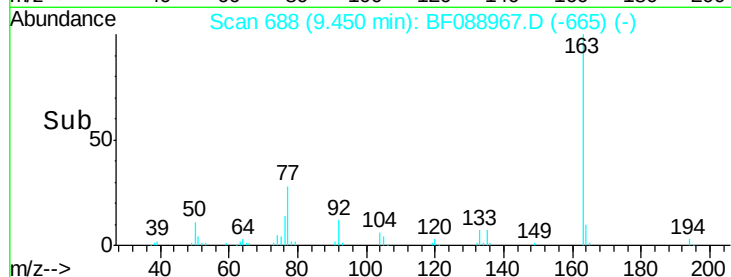
164 10.1 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 6.31 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.22 min

Lab File: BF088967.D

Acq: 13 Jul 2016 19:40

Tgt Ion:165 Resp: 13969

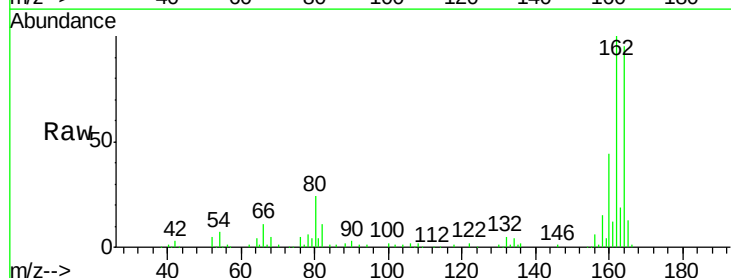
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

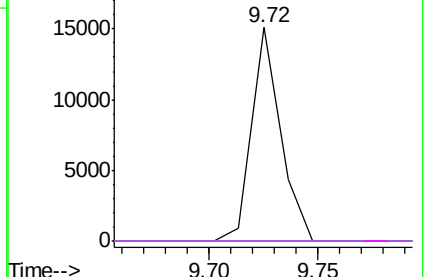
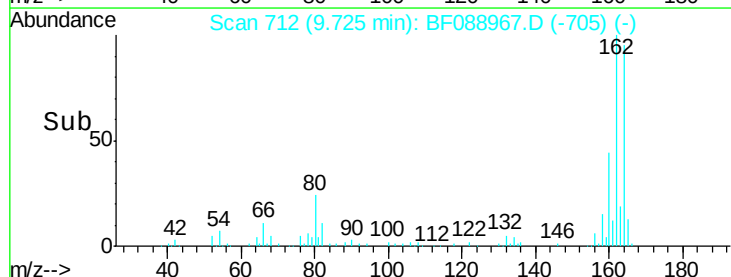


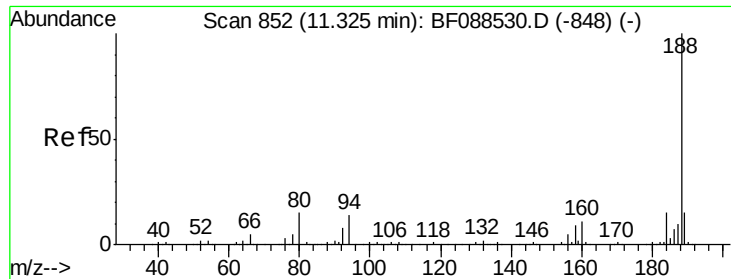
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

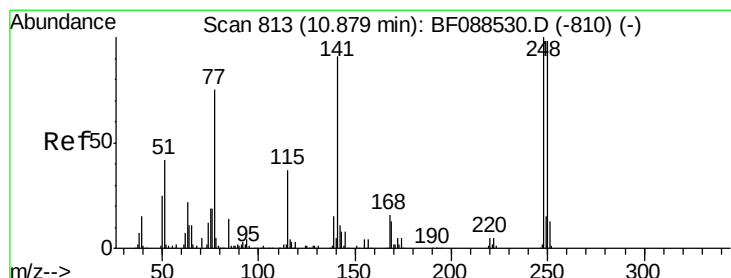
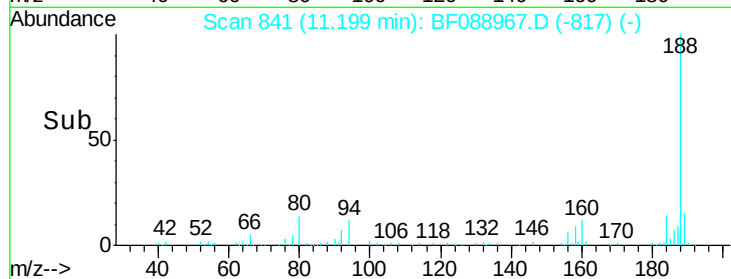
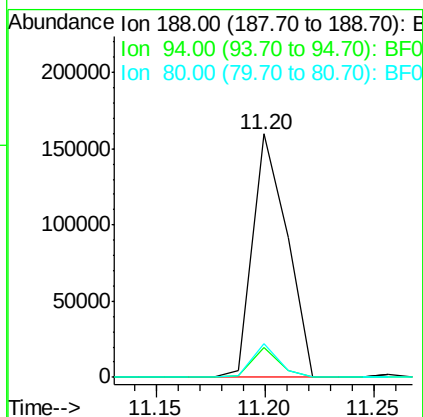
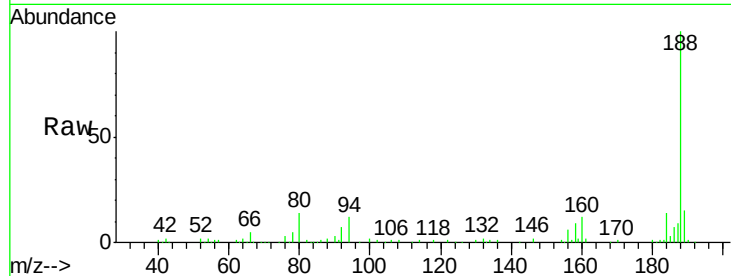




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 841
 Delta R.T. -0.02 min
 Lab File: BF088967.D
 Acq: 13 Jul 2016 19:40

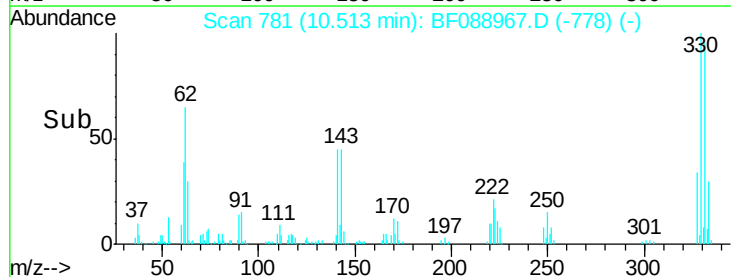
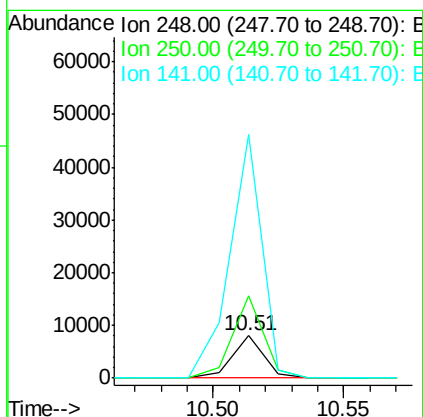
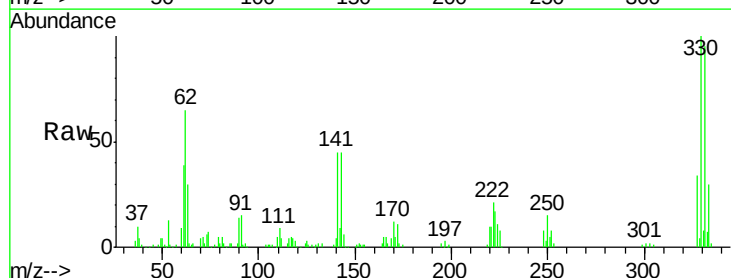
Instrument :
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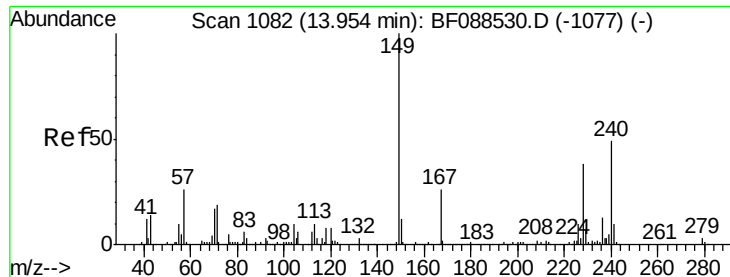
Tgt Ion:188 Resp: 175957
 Ion Ratio Lower Upper
 188 100
 94 12.1 9.0 13.6
 80 14.1 10.0 15.0



#66
 4-Bromophenyl-phenylether
 Concen: 3.83 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.26 min
 Lab File: BF088967.D
 Acq: 13 Jul 2016 19:40

Tgt Ion:248 Resp: 6791
 Ion Ratio Lower Upper
 248 100
 250 193.0 77.1 115.7#
 141 575.1 50.6 76.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF088967.D

Acq: 13 Jul 2016 19:40

Instrument :

BNA_F

ClientSampleId :

C4.2-5

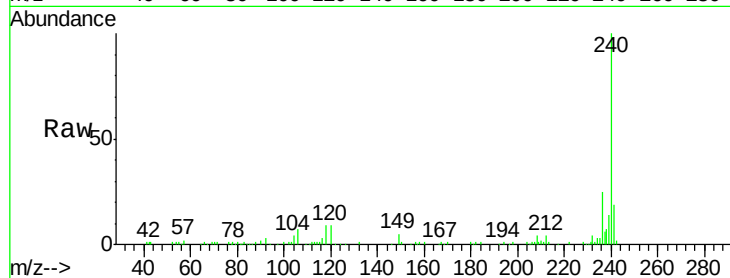
Tgt Ion:240 Resp: 124556

Ion Ratio Lower Upper

240 100

120 9.1 6.8 10.2

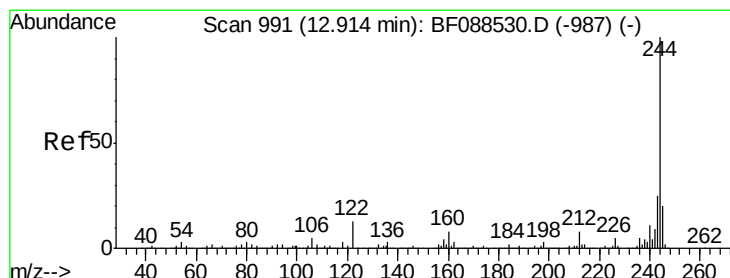
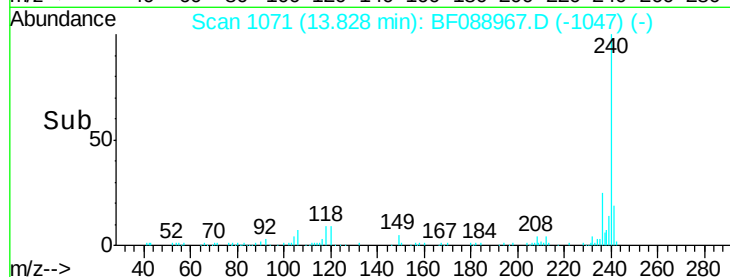
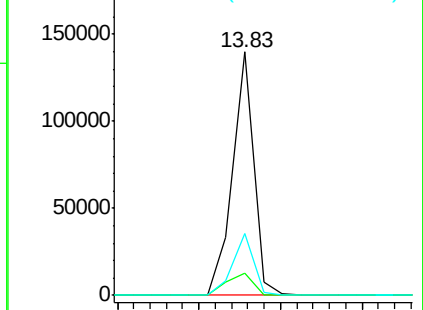
236 25.3 20.2 30.2



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: 54.42 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088967.D

Acq: 13 Jul 2016 19:40

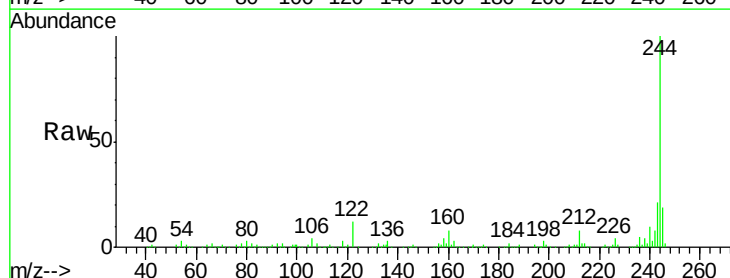
Tgt Ion:244 Resp: 304312

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

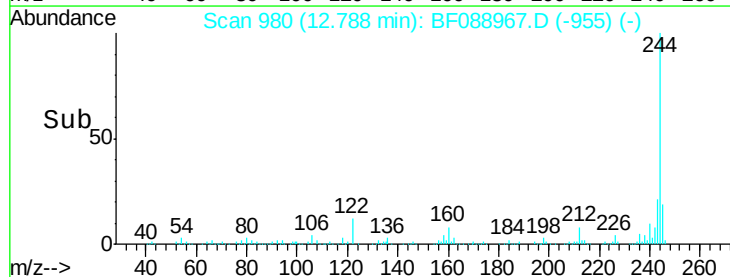
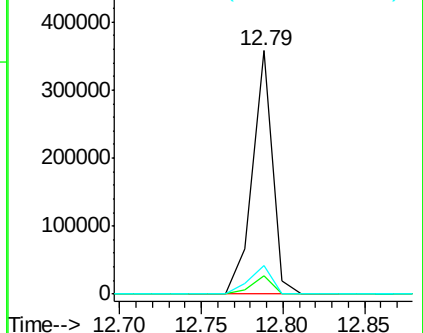
122 11.9 11.2 16.8

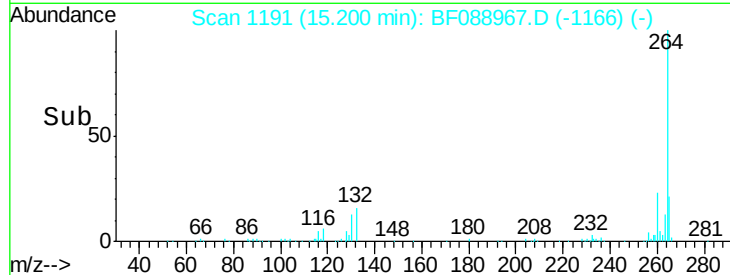
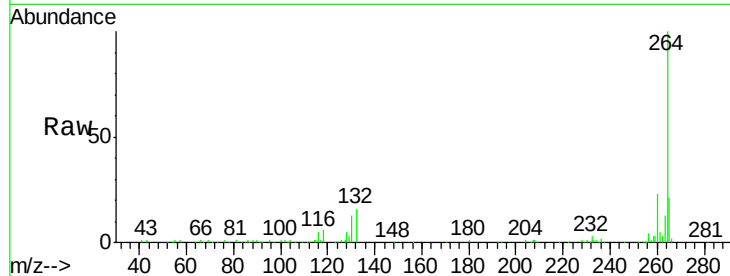
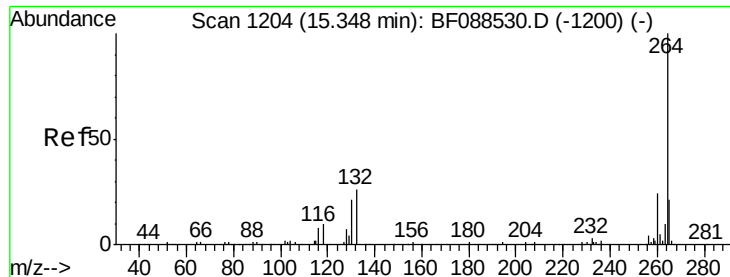


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF088967.D
Acq: 13 Jul 2016 19:40

Instrument :
BNA_F
ClientSampleId :
C4.2-5

Tgt Ion:	264	Resp:	131277
Ion Ratio		Lower	Upper
264	100		
260	22.9	19.2	28.8
265	21.4	16.9	25.3

