

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070616\
 Data File : BF088767.D
 Acq On : 7 Jul 2016 7:13
 Operator : UM/SJ
 Sample : H3870-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Quant Time: Jul 07 07:48:36 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 01:24:07 2016
 Response via : Initial Calibration

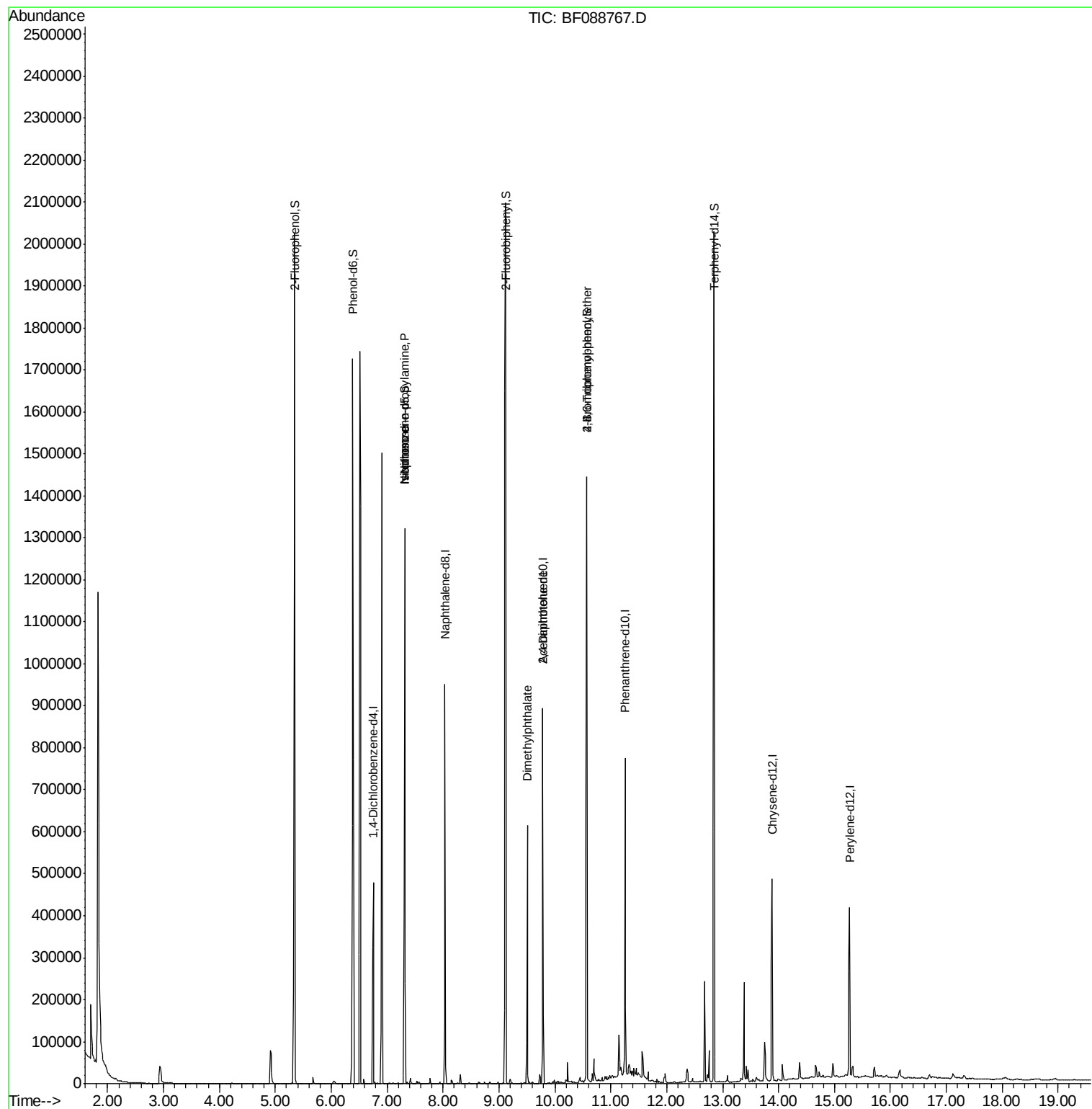
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	92132	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	382660	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	160195	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	256480	20.00	ng	0.00
75) Chrysene-d12	13.89	240	184692	20.00	ng	0.00
86) Perylene-d12	15.27	264	179978	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	695486	113.13	ng	0.01
7) Phenol-d6	6.39	99	811202	102.12	ng	0.00
23) Nitrobenzene-d5	7.31	82	481875	65.99	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	165286	111.11	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	916846	90.40	ng	0.00
78) Terphenyl-d14	12.85	244	583089	70.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.31	70	65835	12.34	ng	# 72
25) Isophorone	7.31	82	376165	27.81	ng	# 65
49) Dimethylphthalate	9.51	163	225074	19.72	ng	98
56) 2,4-Dinitrotoluene	9.78	165	20999	6.35	ng	# 38
66) 4-Bromophenyl-phenylether	10.57	248	12000	4.64	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: 6.75 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF088767.D

Acq: 7 Jul 2016 7:13

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

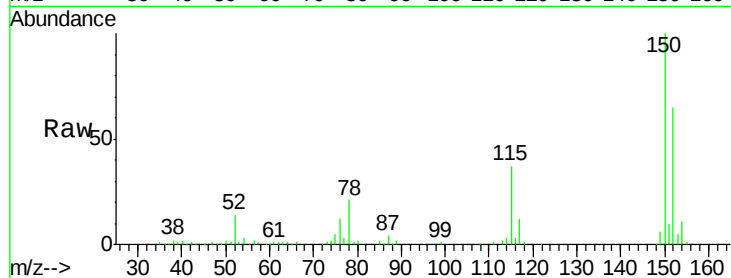
Tgt Ion:152 Resp: 92132

Ion Ratio Lower Upper

152 100

150 153.1 123.8 185.6

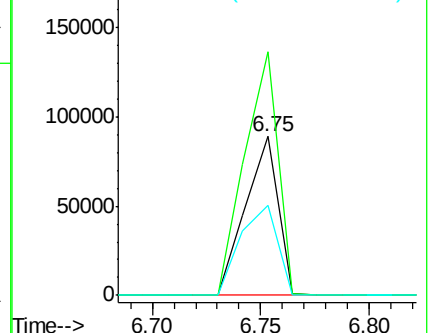
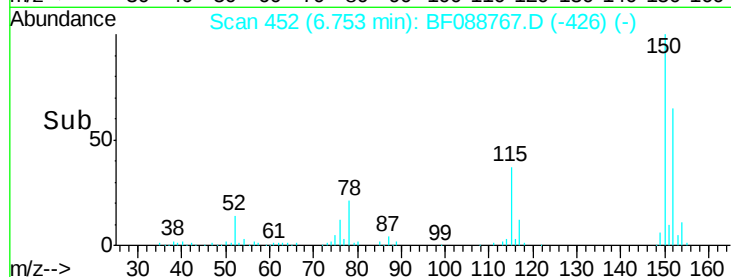
115 56.3 39.6 59.4



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: 113.13 ng

RT: 5.35 min Scan# 329

Delta R.T. 0.01 min

Lab File: BF088767.D

Acq: 7 Jul 2016 7:13

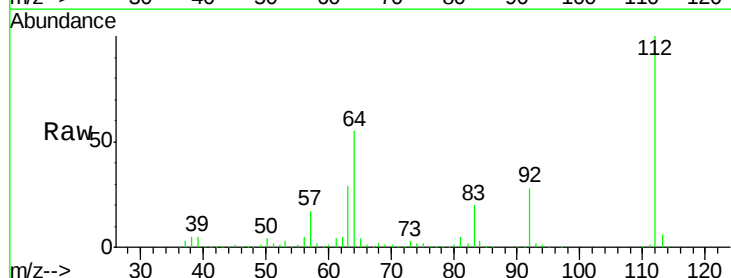
Tgt Ion:112 Resp: 695486

Ion Ratio Lower Upper

112 100

64 55.2 42.2 63.2

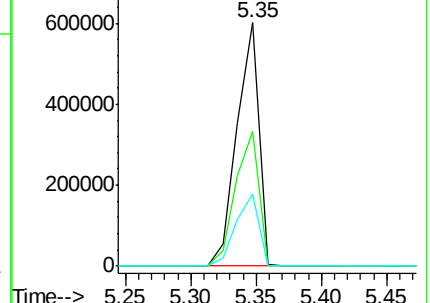
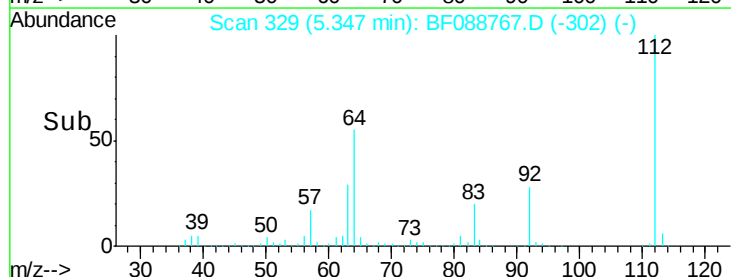
63 29.5 21.8 32.8

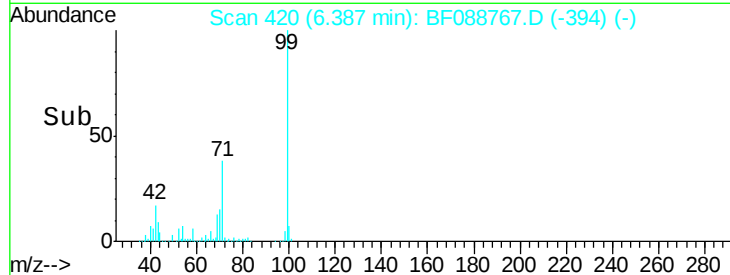
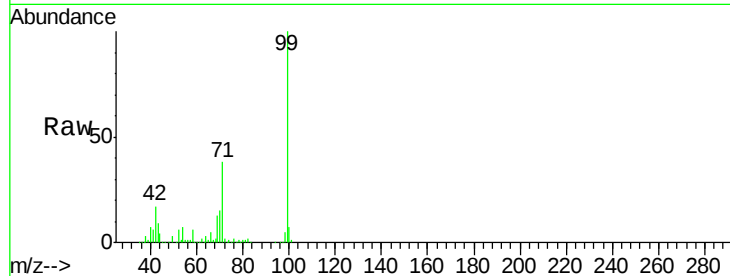


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 102.12 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF088767.D

Acq: 7 Jul 2016 7:13

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

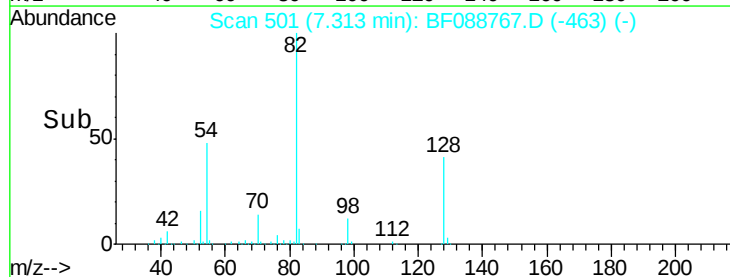
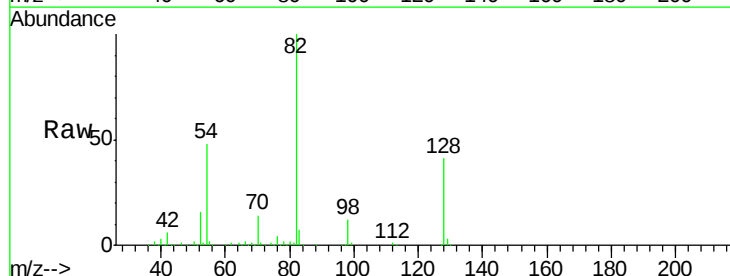
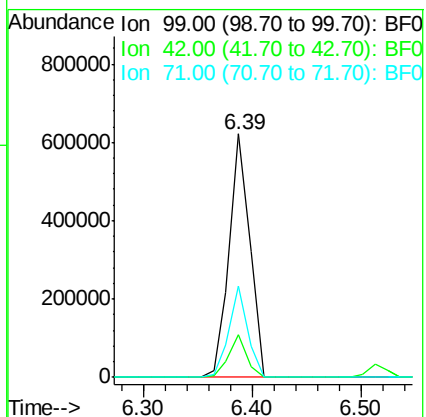
Tgt Ion: 99 Resp: 811202

Ion Ratio Lower Upper

99 100

42 17.4 12.2 18.2

71 37.6 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 12.34 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.14 min

Lab File: BF088767.D

Acq: 7 Jul 2016 7:13

Tgt Ion: 70 Resp: 65835

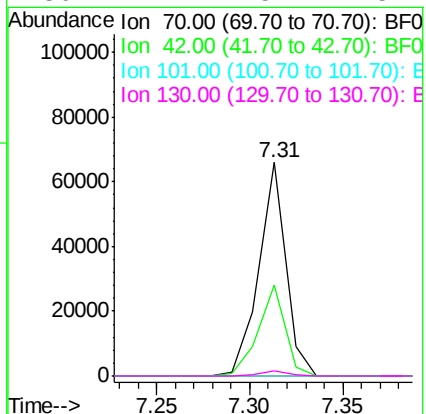
Ion Ratio Lower Upper

70 100

42 42.8 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: 8.03 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF088767.D

Acq: 7 Jul 2016 7:13

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

Tgt Ion: 136 Resp: 382660

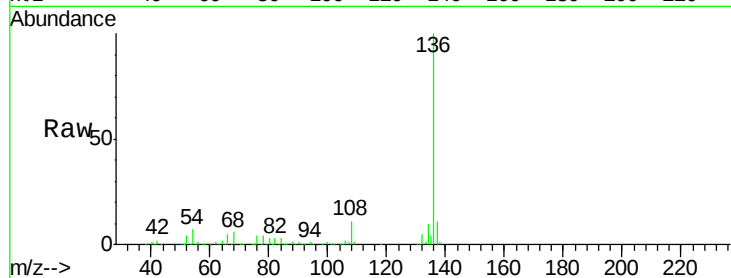
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.2 6.6 10.0

68 5.9 5.1 7.7

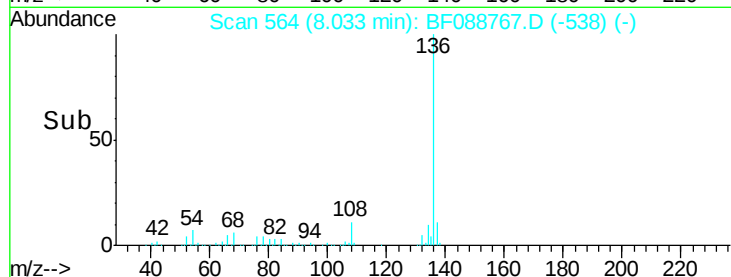


Abundance Ion 136.00 (135.70 to 136.70): E

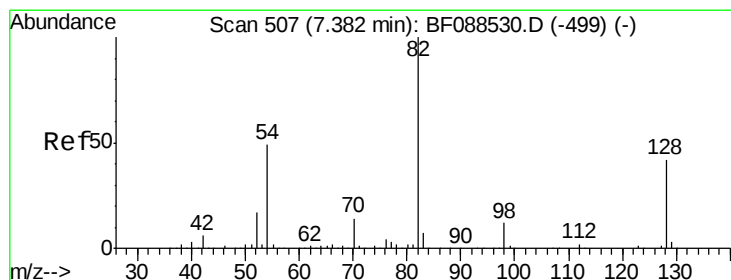
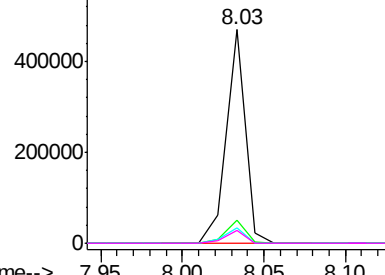
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 65.99 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF088767.D

Acq: 7 Jul 2016 7:13

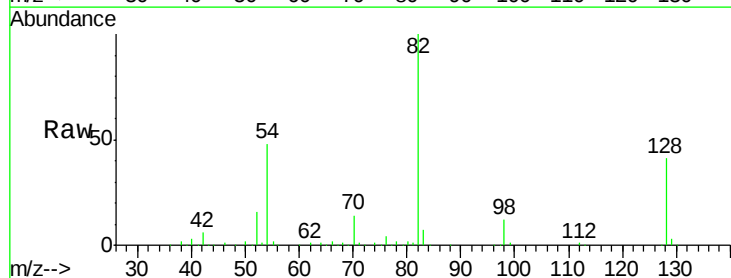
Tgt Ion: 82 Resp: 481875

Ion Ratio Lower Upper

82 100

128 41.4 35.9 53.9

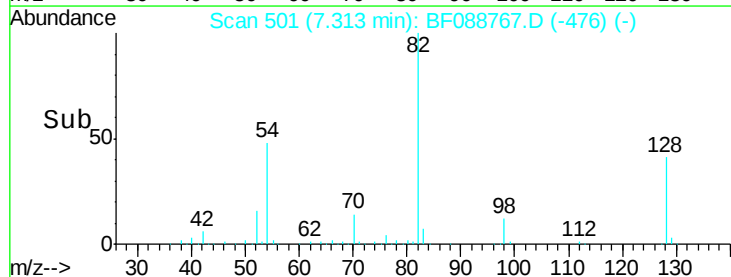
54 48.3 40.9 61.3



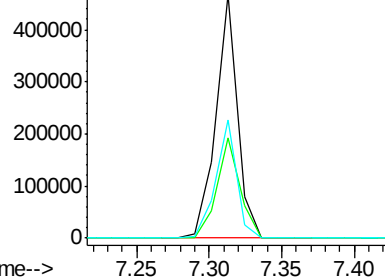
Abundance Ion 82.00 (81.70 to 82.70): BF0

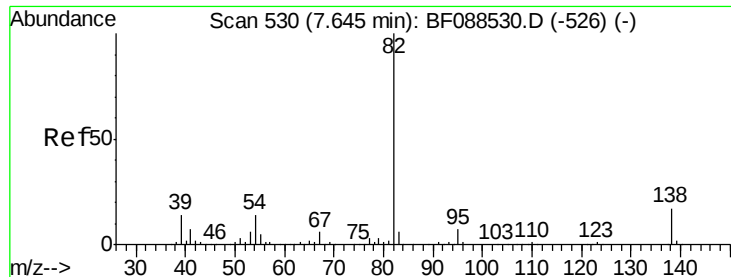
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 27.81 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.26 min

Lab File: BF088767.D

Acq: 7 Jul 2016 7:13

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

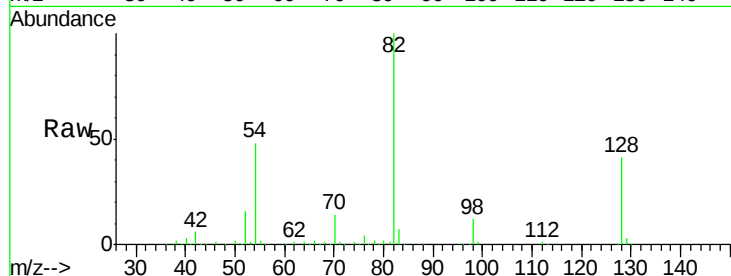
Tgt Ion: 82 Resp: 376165

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

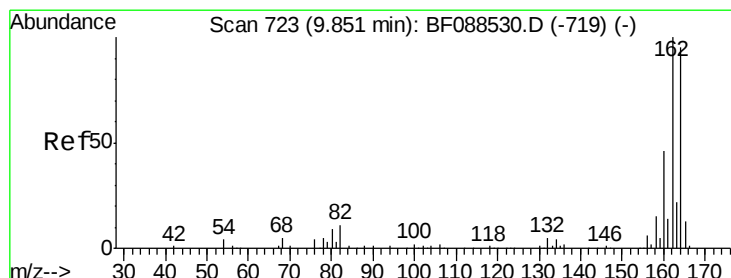
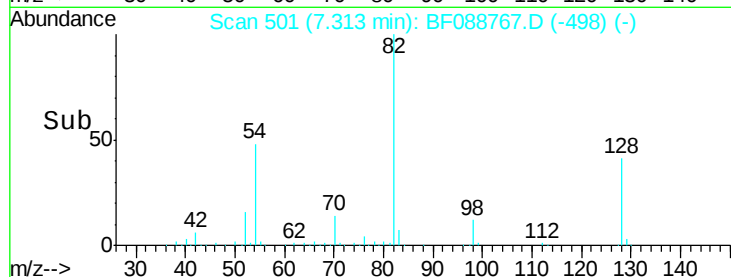
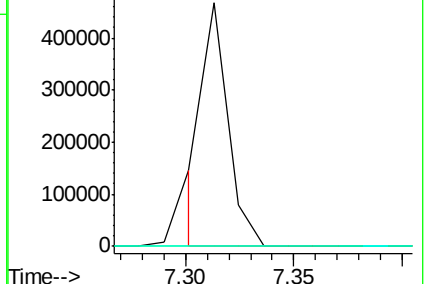
138 0.0 14.6 21.8#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF088767.D

Acq: 7 Jul 2016 7:13

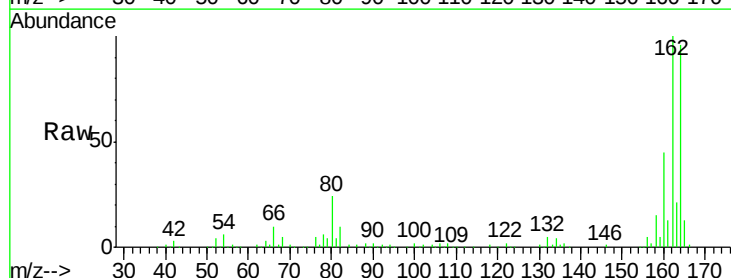
Tgt Ion: 164 Resp: 160195

Ion Ratio Lower Upper

164 100

162 104.2 85.4 128.2

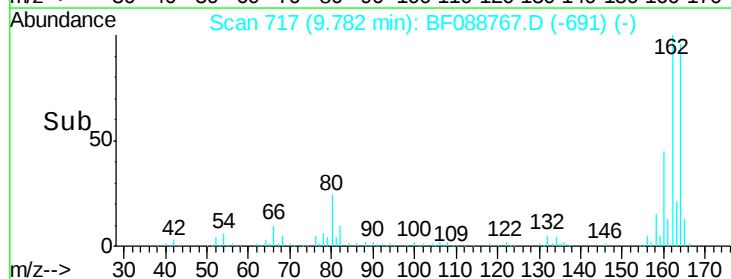
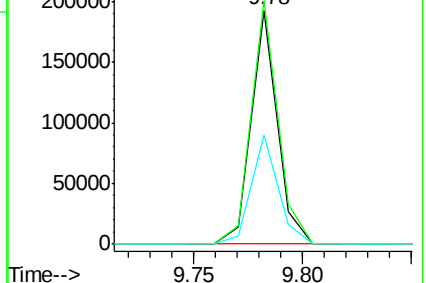
160 46.8 39.5 59.3



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

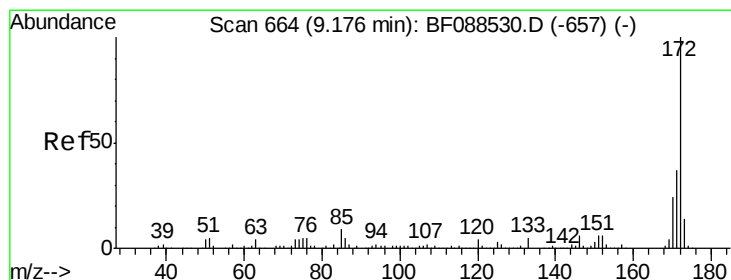
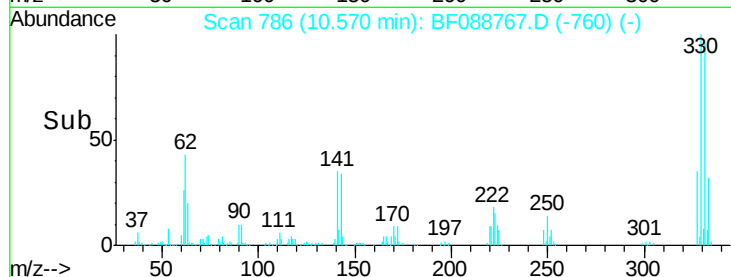
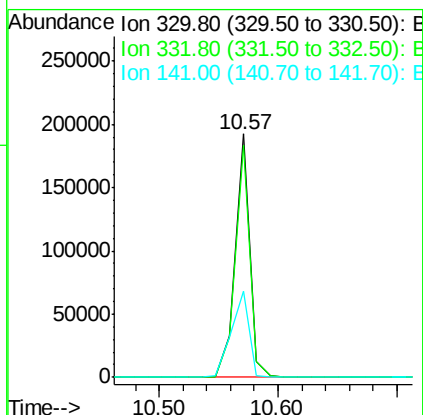
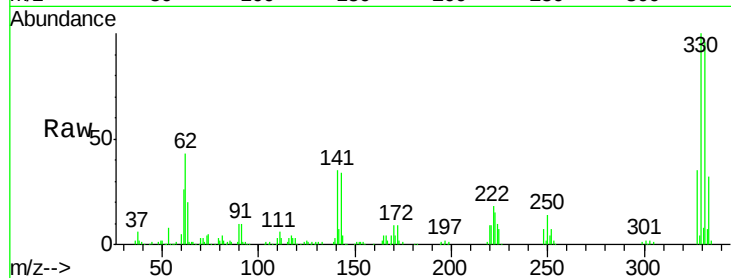




#41
 2,4,6-Tribromophenol
 Concen: 111.11 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF088767.D
 Acq: 7 Jul 2016 7:13

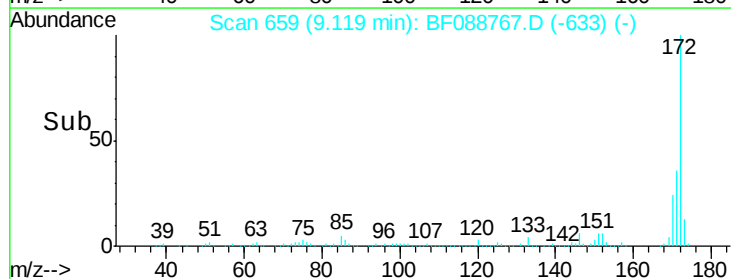
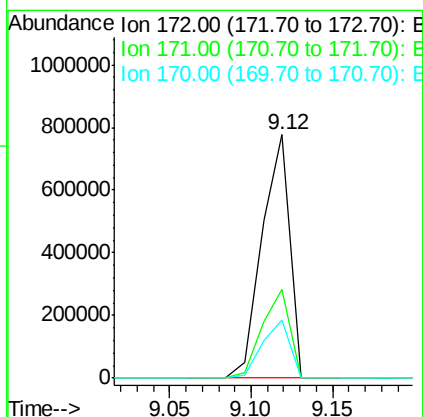
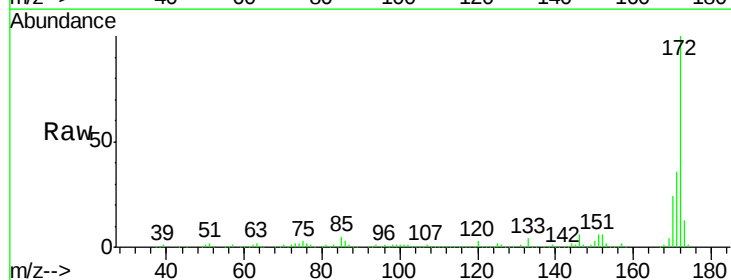
Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

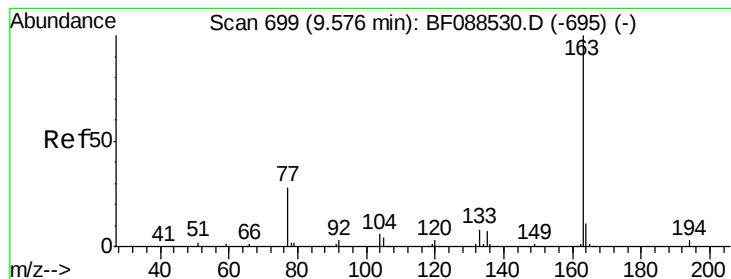
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.0	0.0	0.0#
141	42.5	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 90.40 ng
 RT: 9.12 min Scan# 659
 Delta R.T. -0.00 min
 Lab File: BF088767.D
 Acq: 7 Jul 2016 7:13

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.1	19.2	28.8





#49

Dimethylphthalate

Concen: 19.72 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF088767.D

Acq: 7 Jul 2016 7:13

Instrument :

BNA_F

ClientSampleId :

SB-02-COMP

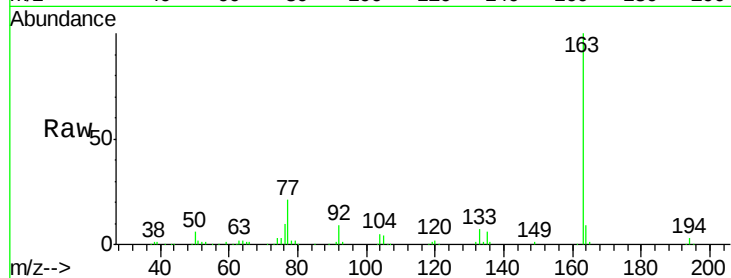
Tgt Ion:163 Resp: 225074

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

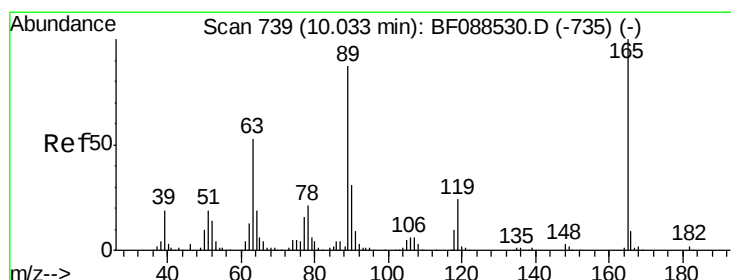
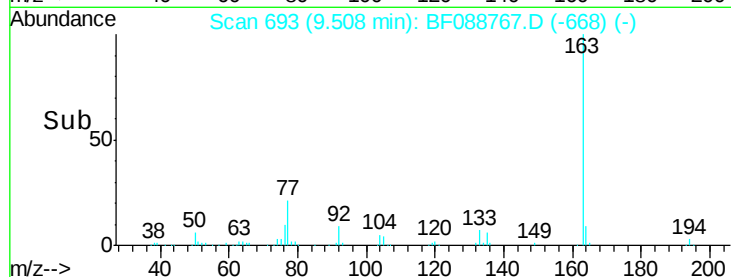
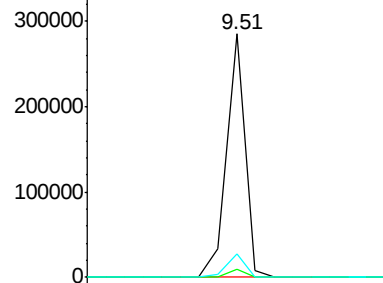
164 9.4 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 6.35 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.19 min

Lab File: BF088767.D

Acq: 7 Jul 2016 7:13

Tgt Ion:165 Resp: 20999

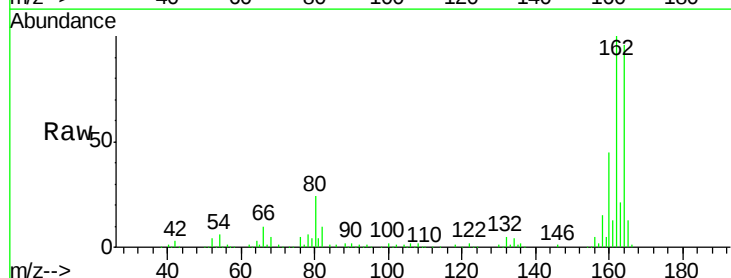
Ion Ratio Lower Upper

165 100

63 1.4 22.0 33.0#

89 1.5 41.1 61.7#

182 0.0 2.0 3.0#

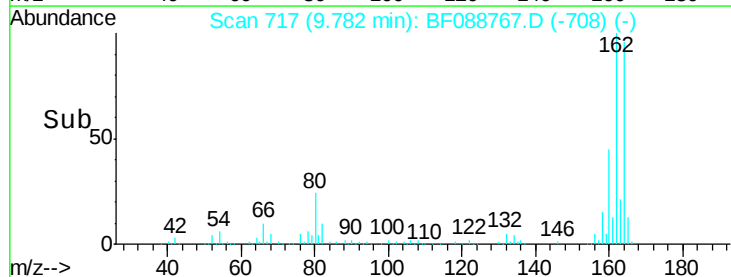
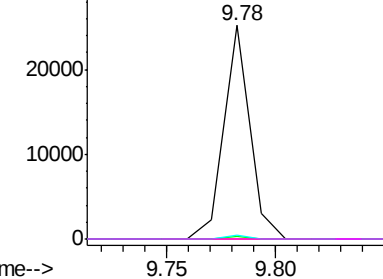


Abundance Ion 165.00 (164.70 to 165.70): E

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

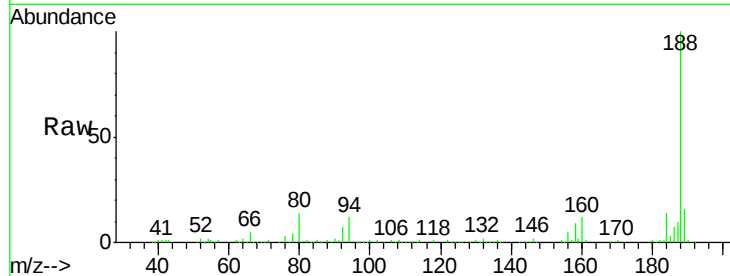




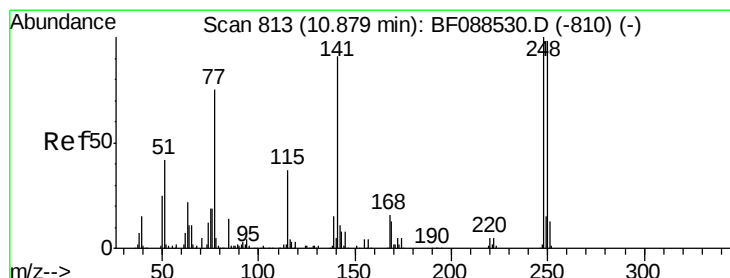
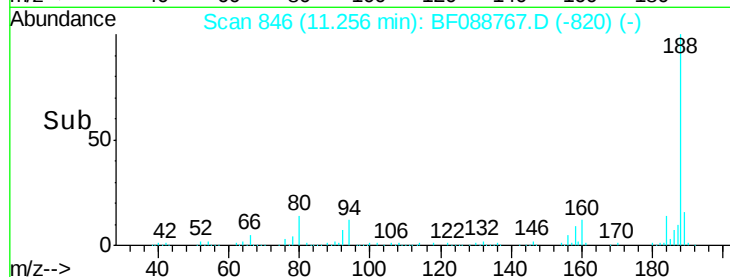
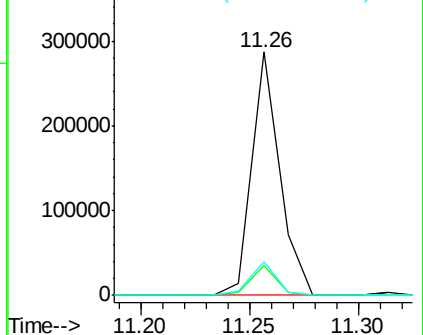
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BF088767.D
 Acq: 7 Jul 2016 7:13

Instrument :
 BNA_F
 ClientSampleId :
 SB-02-COMP

Tgt Ion:188 Resp: 256480
 Ion Ratio Lower Upper
 188 100
 94 12.1 9.0 13.6
 80 13.7 10.0 15.0

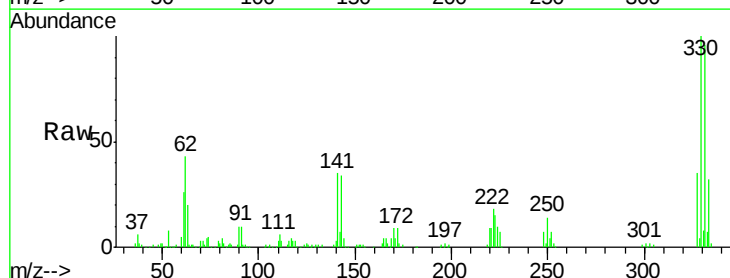


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

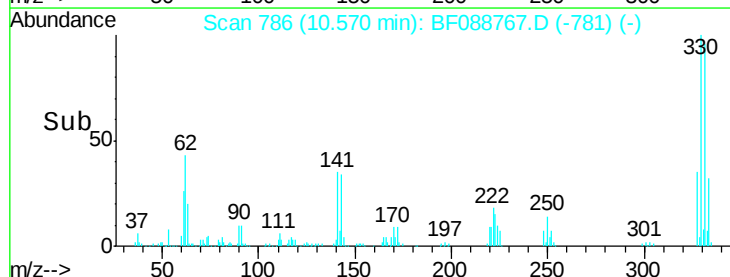
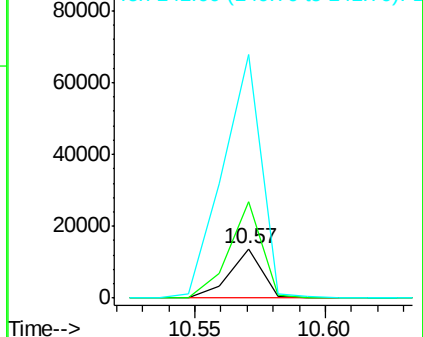


#66
 4-Bromophenyl-phenylether
 Concen: 4.64 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.24 min
 Lab File: BF088767.D
 Acq: 7 Jul 2016 7:13

Tgt Ion:248 Resp: 12000
 Ion Ratio Lower Upper
 248 100
 250 195.1 77.1 115.7#
 141 493.9 50.6 76.0#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

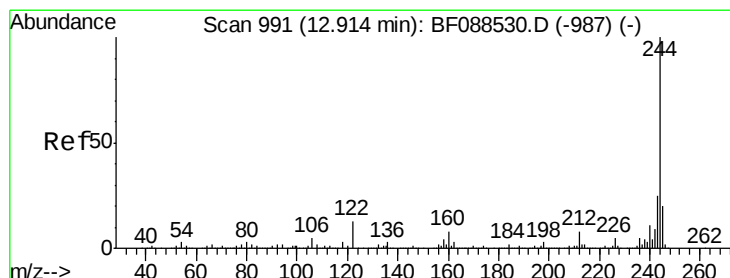
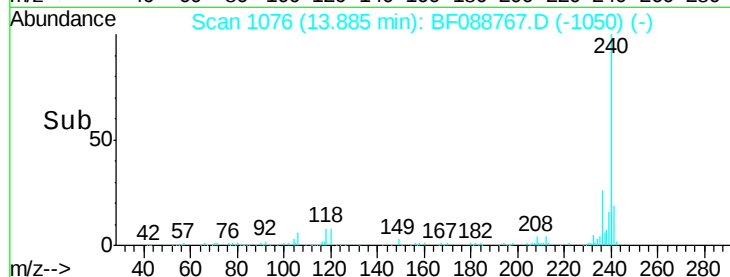
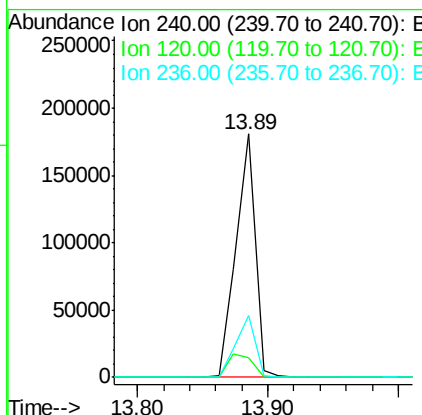
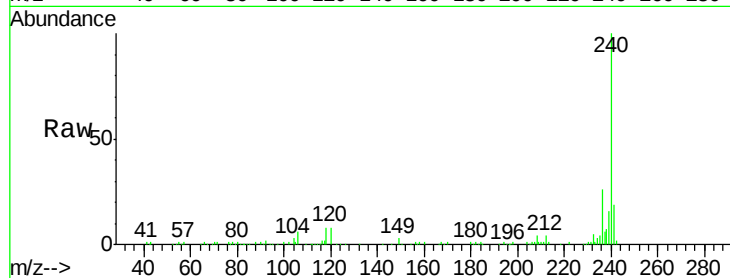




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.00 min
Lab File: BF088767.D
Acq: 7 Jul 2016 7:13

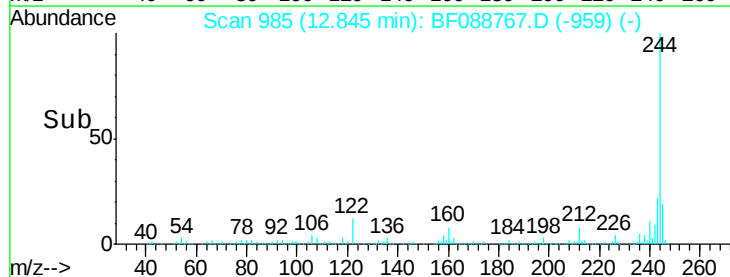
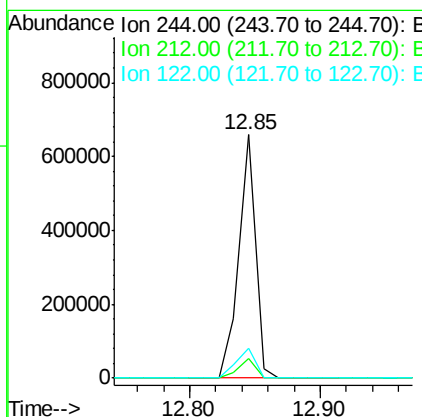
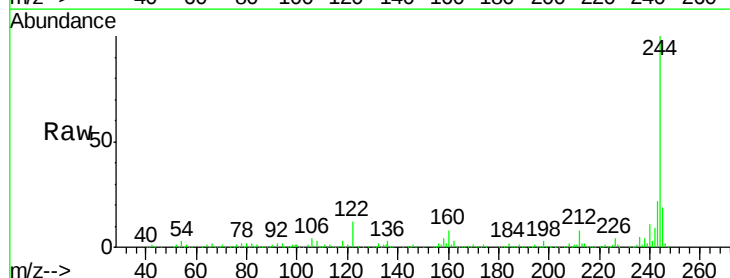
Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

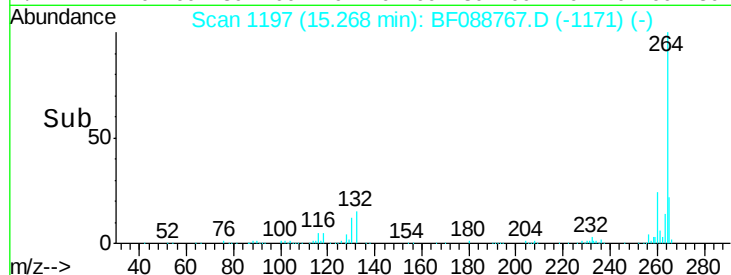
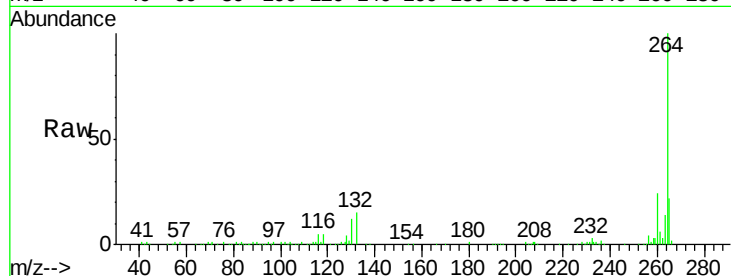
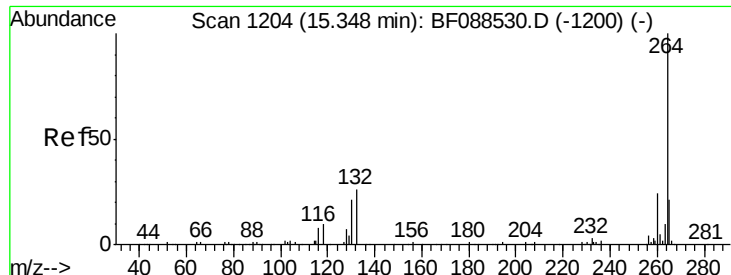
Tgt Ion:240 Resp: 184692
Ion Ratio Lower Upper
240 100
120 8.2 6.8 10.2
236 25.5 20.2 30.2



#78
Terphenyl-d14
Concen: 70.32 ng
RT: 12.85 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF088767.D
Acq: 7 Jul 2016 7:13

Tgt Ion:244 Resp: 583089
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 12.4 11.2 16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.27 min Scan# 1197
Delta R.T. -0.00 min
Lab File: BF088767.D
Acq: 7 Jul 2016 7:13

Instrument :
BNA_F
ClientSampleId :
SB-02-COMP

Tgt Ion:	264	Resp:	179978
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.5	16.9	25.3

