

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088595.D
 Acq On : 2 Jul 2016 1:36
 Operator : UM/SJ
 Sample : H3816-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Quant Time: Jul 02 02:20:28 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

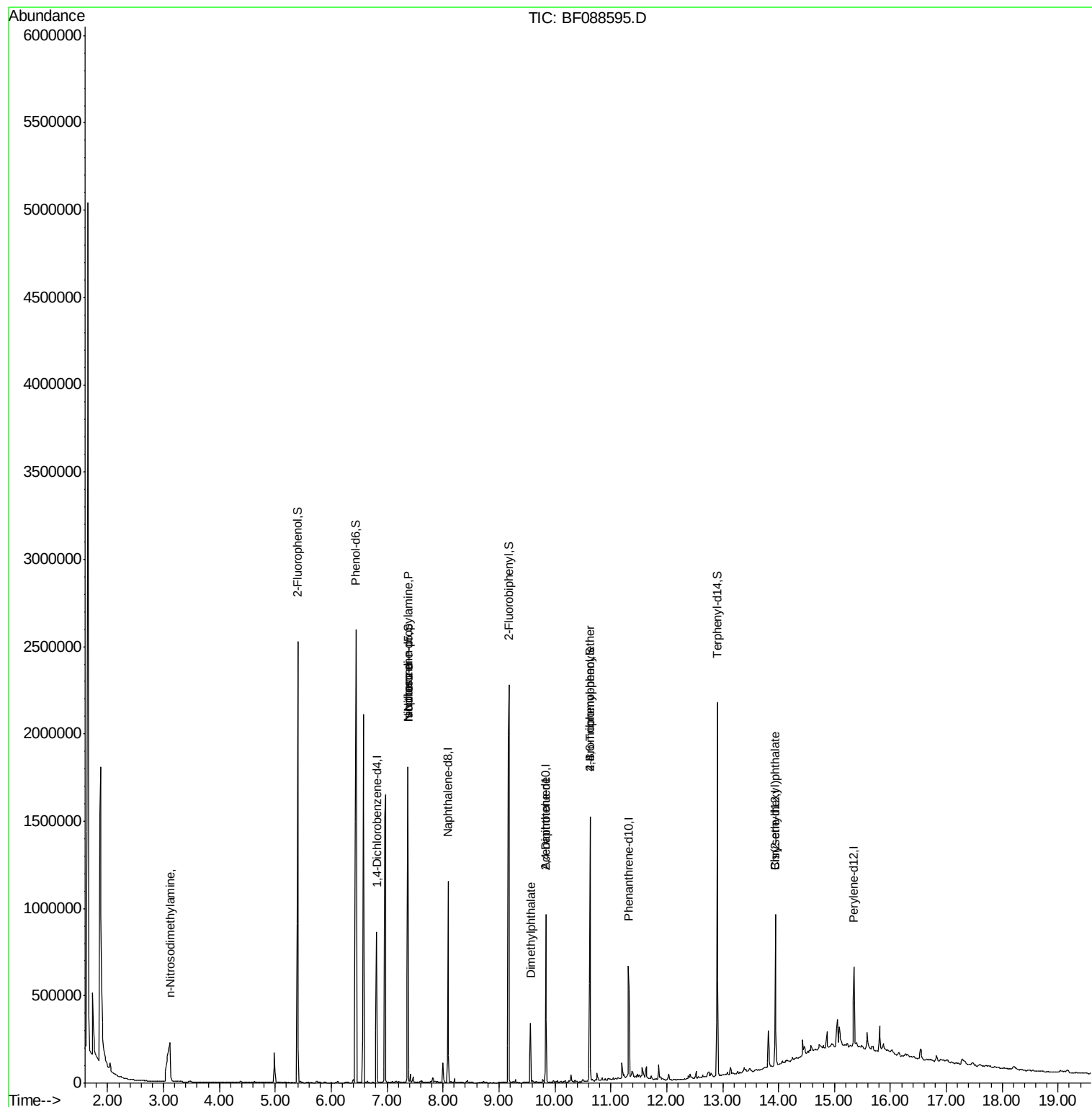
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	127087	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	457921	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	191429	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	312497	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	242925	20.00	ng	-0.01
86) Perylene-d12	15.35	264	207976	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	710396	83.78	ng	0.00
7) Phenol-d6	6.44	99	1072997	97.93	ng	0.00
23) Nitrobenzene-d5	7.37	82	607050	69.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	166124	93.45	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	1045274	86.25	ng	0.00
78) Terphenyl-d14	12.90	244	641078	58.78	ng	-0.01
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.12	42	18688	4.01	ng	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	82946	11.27	ng	# 75
25) Isophorone	7.37	82	457233	28.25	ng	# 65
49) Dimethylphthalate	9.56	163	148713	10.90	ng	98
56) 2,4-Dinitrotoluene	9.84	165	24146	6.11	ng	# 38
66) 4-Bromophenyl-phenylether	10.63	248	12021	3.82	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.94	149	22648	2.16	ng	98

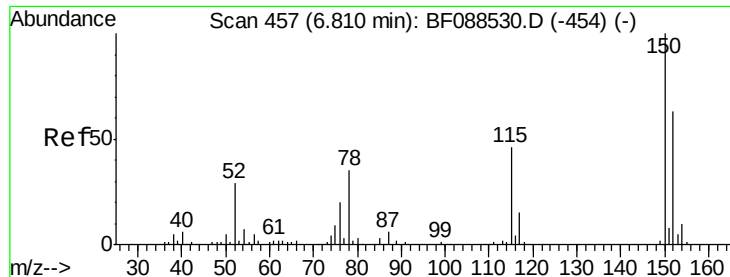
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF088595.D

Acq: 2 Jul 2016 1:36

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

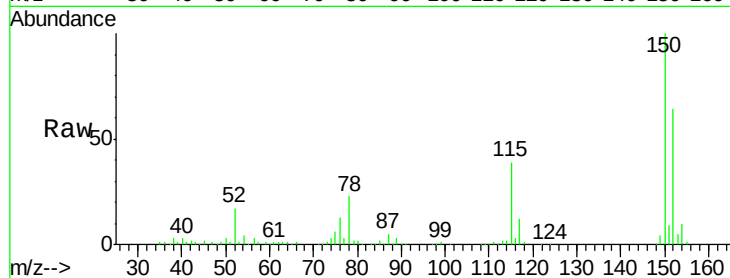
Tgt Ion:152 Resp: 127087

Ion Ratio Lower Upper

152 100

150 155.4 123.8 185.6

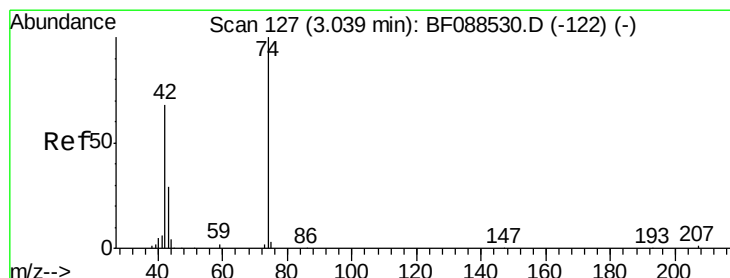
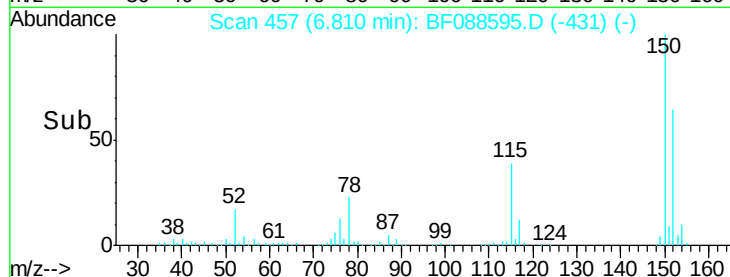
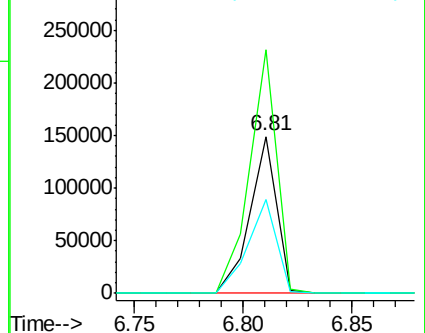
115 59.9 39.6 59.4#



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



#4

n-Nitrosodimethylamine

Concen: 4.01 ng

RT: 3.12 min Scan# 134

Delta R.T. 0.08 min

Lab File: BF088595.D

Acq: 2 Jul 2016 1:36

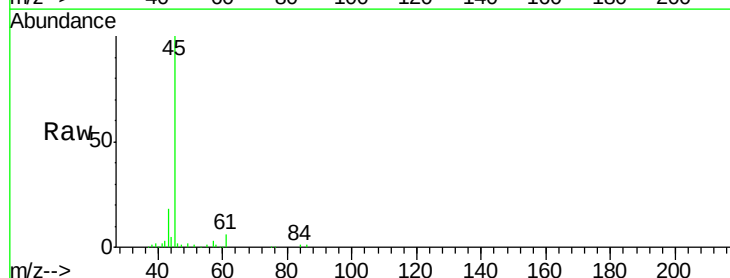
Tgt Ion: 42 Resp: 18688

Ion Ratio Lower Upper

42 100

74 0.0 108.6 163.0#

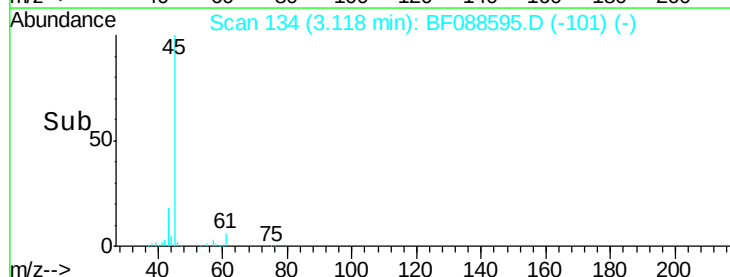
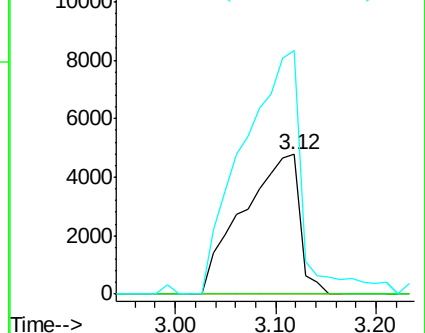
44 174.2 5.5 8.3#

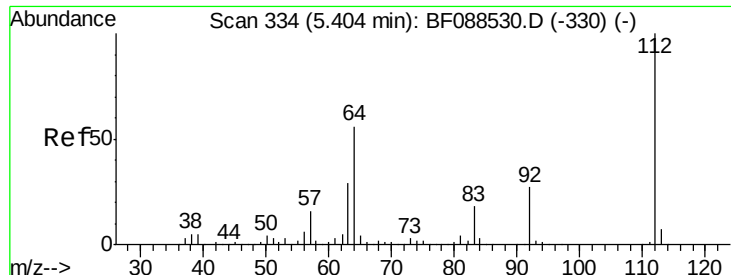


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 83.78 ng

RT: 5.40 min Scan# 334

Delta R.T. 0.00 min

Lab File: BF088595.D

Acq: 2 Jul 2016 1:36

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

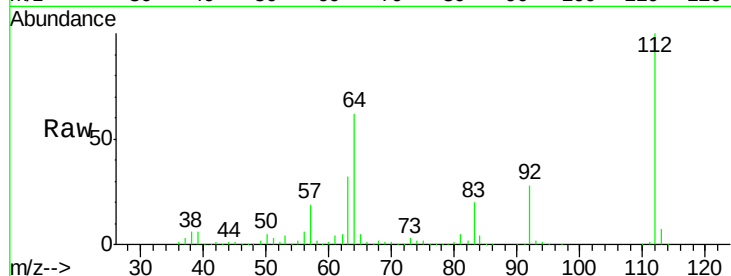
Tgt Ion: 112 Resp: 710396

Ion Ratio Lower Upper

112 100

64 62.1 42.2 63.2

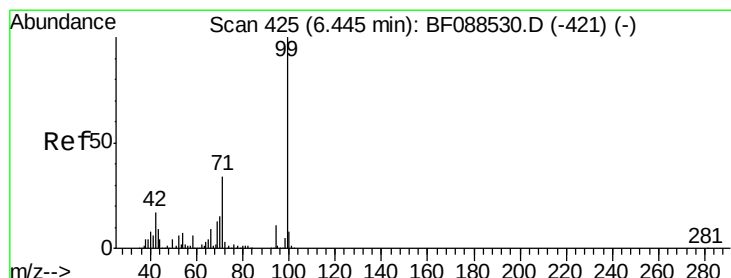
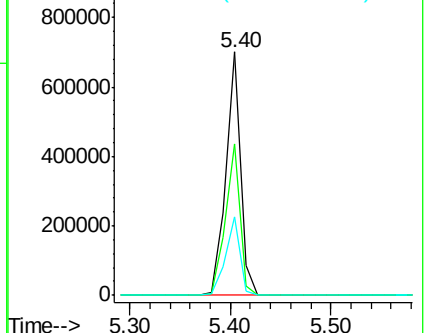
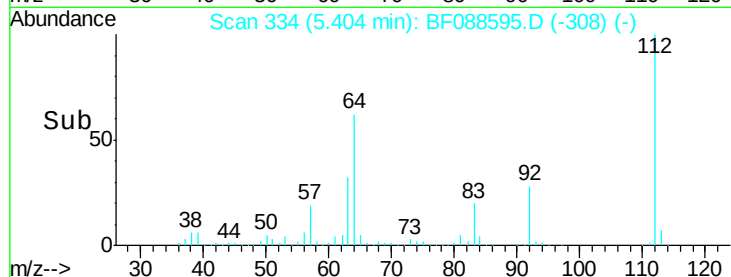
63 32.1 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 97.93 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088595.D

Acq: 2 Jul 2016 1:36

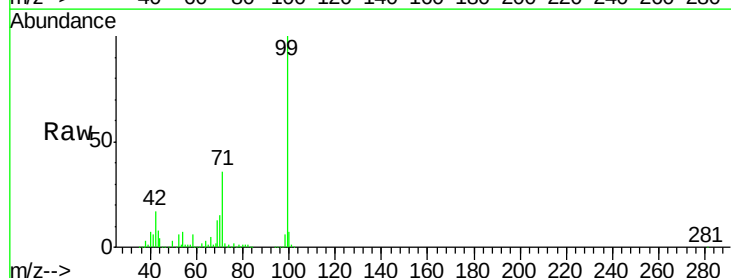
Tgt Ion: 99 Resp: 1072997

Ion Ratio Lower Upper

99 100

42 16.9 12.2 18.2

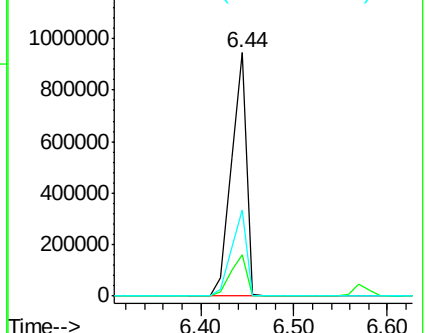
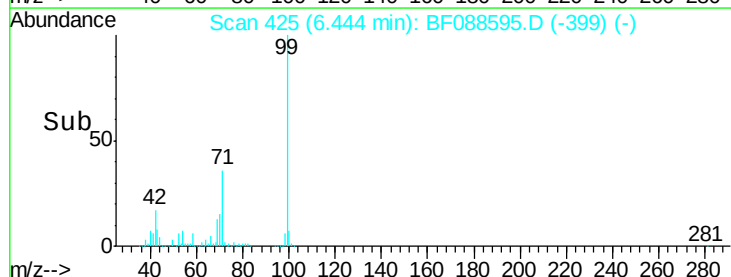
71 35.5 23.4 35.0#

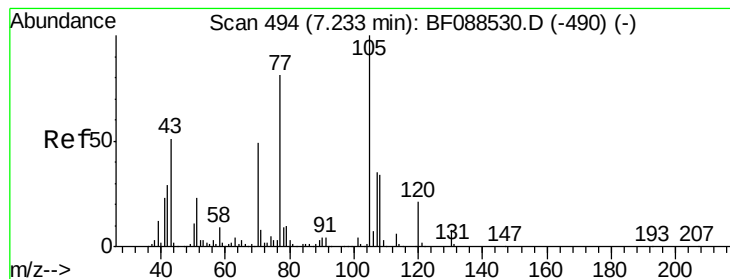


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 11.27 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.14 min

Lab File: BF088595.D

Acq: 2 Jul 2016 1:36

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

Tgt Ion: 70 Resp: 82946

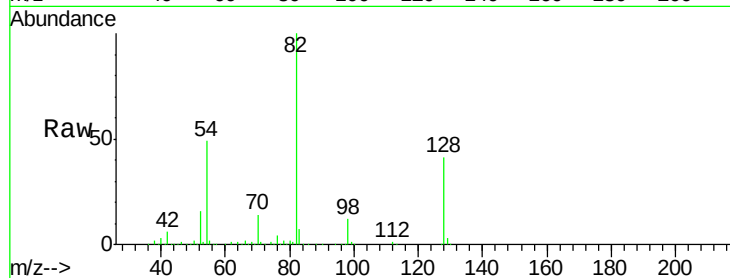
Ion Ratio Lower Upper

70 100

42 45.7 49.6 74.4#

101 0.0 7.1 10.7#

130 1.9 15.4 23.2#

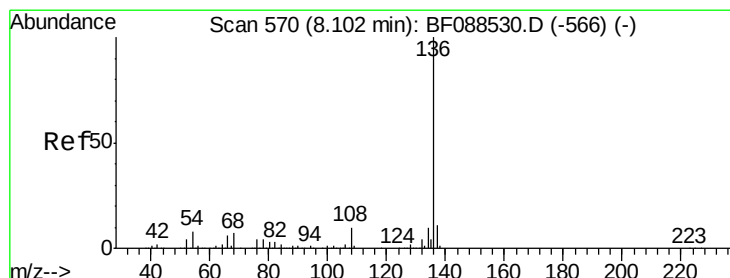
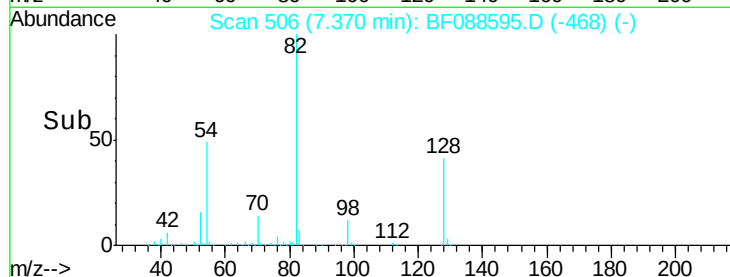
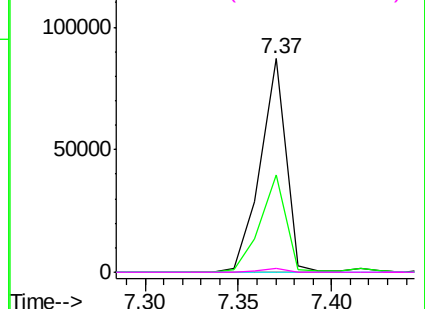


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF088595.D

Acq: 2 Jul 2016 1:36

Tgt Ion: 136 Resp: 457921

Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 9.1 6.6 10.0

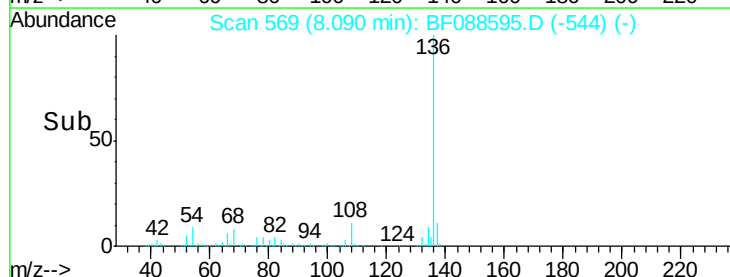
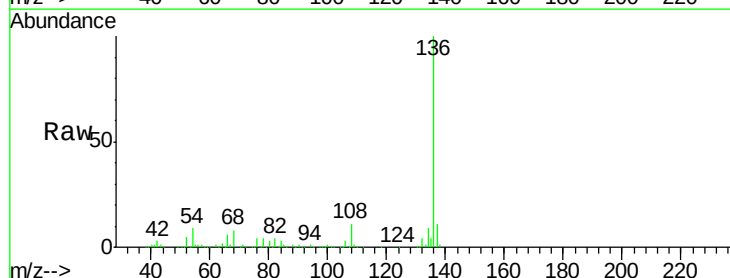
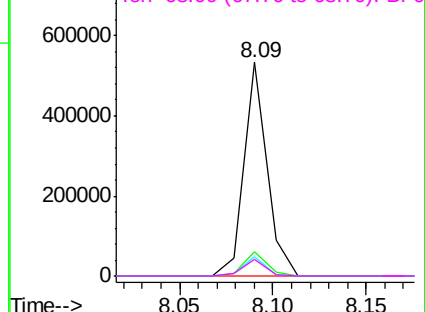
68 7.6 5.1 7.7

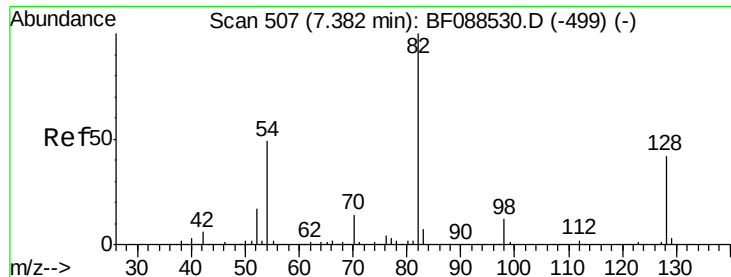
Abundance Ion 136.00 (135.70 to 136.70): E

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

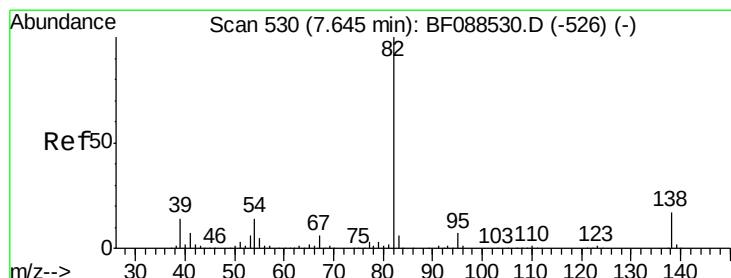
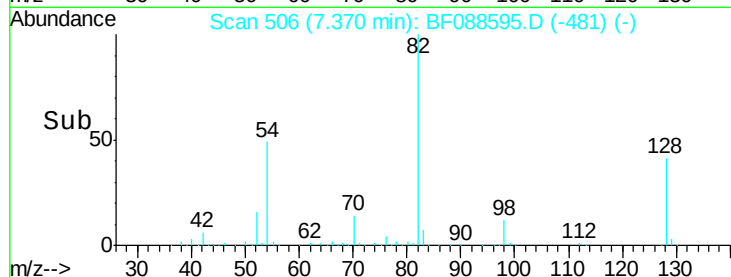
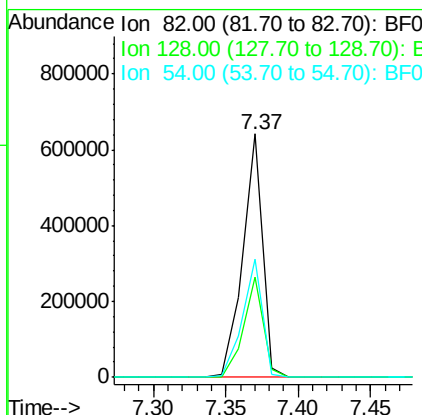
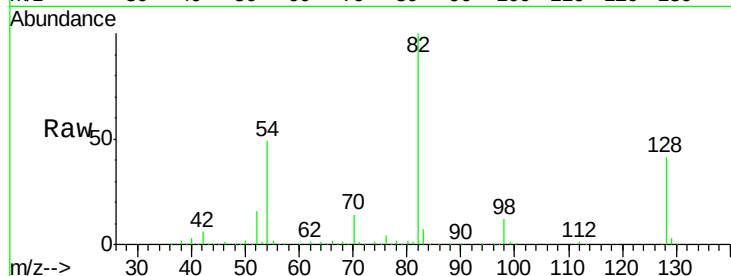




#23
 Nitrobenzene-d5
 Concen: 69.47 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.01 min
 Lab File: BF088595.D
 Acq: 2 Jul 2016 1:36

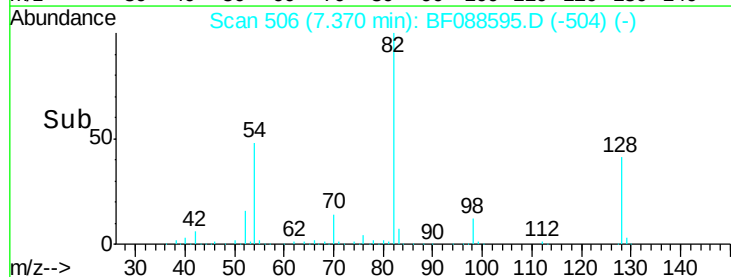
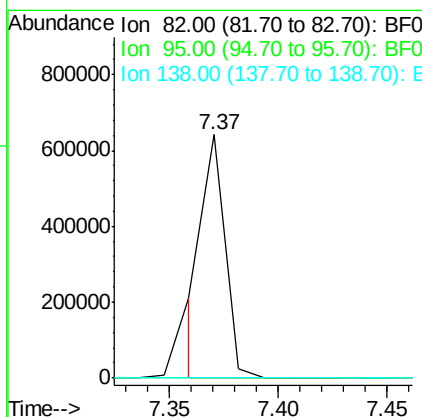
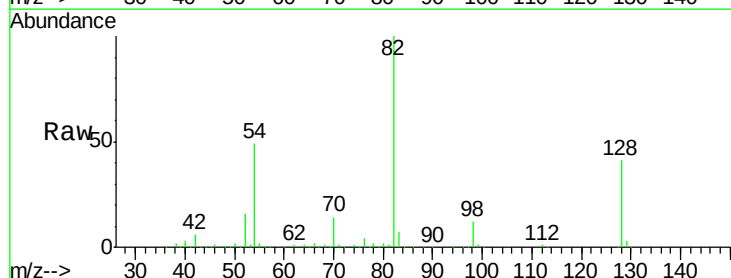
Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

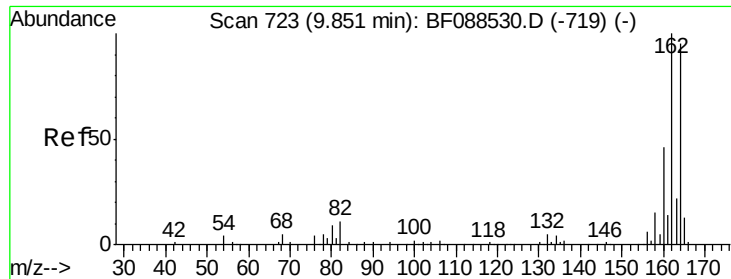
Tgt Ion: 82 Resp: 607050
 Ion Ratio Lower Upper
 82 100
 128 41.2 35.9 53.9
 54 48.6 40.9 61.3



#25
 Isophorone
 Concen: 28.25 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.27 min
 Lab File: BF088595.D
 Acq: 2 Jul 2016 1:36

Tgt Ion: 82 Resp: 457233
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 14.6 21.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF088595.D

Acq: 2 Jul 2016 1:36

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

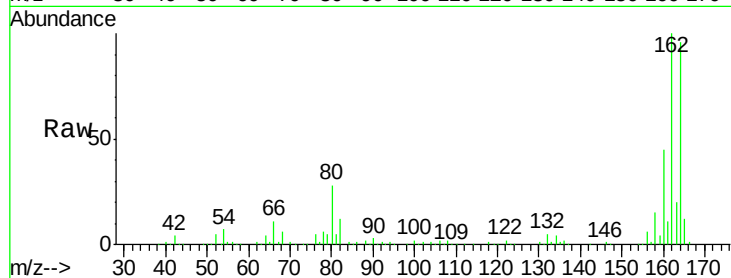
Tgt Ion:164 Resp: 191429

Ion Ratio Lower Upper

164 100

162 104.3 85.4 128.2

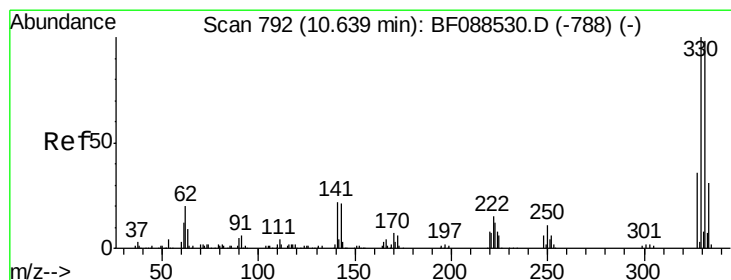
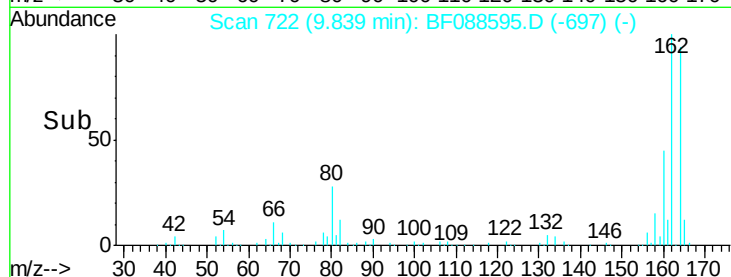
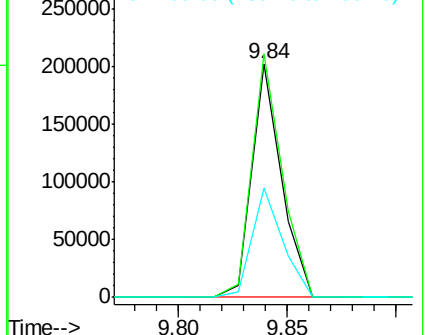
160 47.0 39.5 59.3



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: 93.45 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.01 min

Lab File: BF088595.D

Acq: 2 Jul 2016 1:36

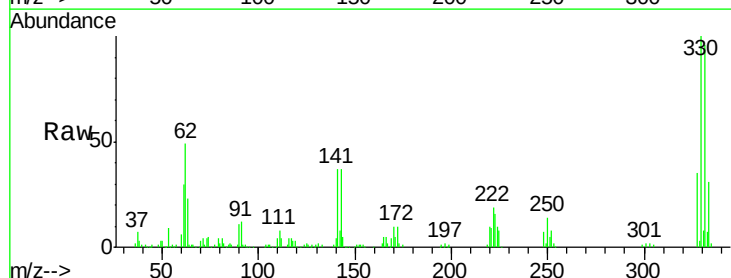
Tgt Ion:330 Resp: 166124

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

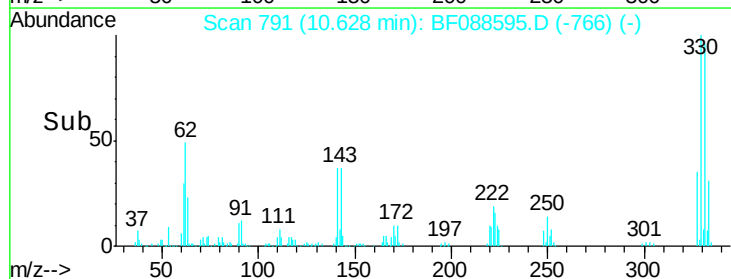
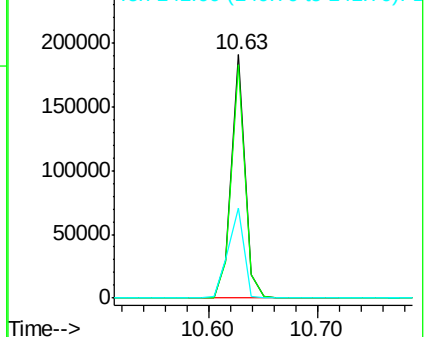
141 43.2 0.0 0.0#

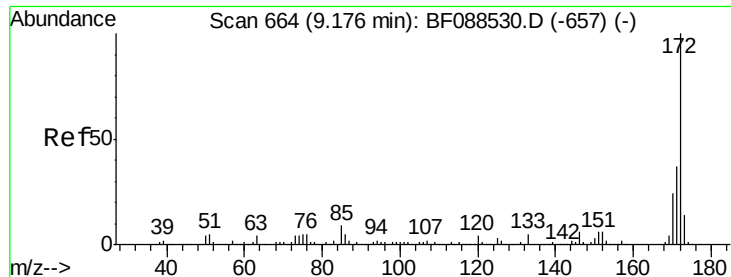


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

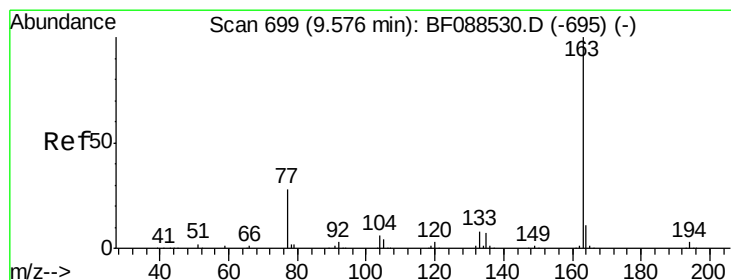
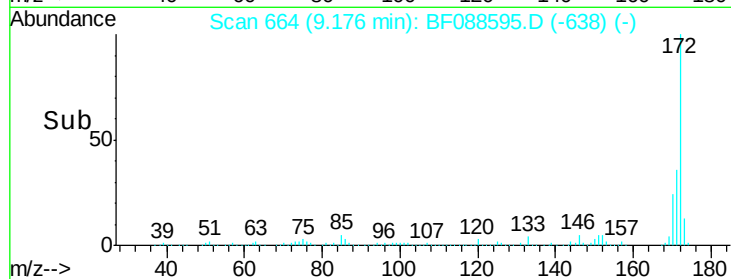
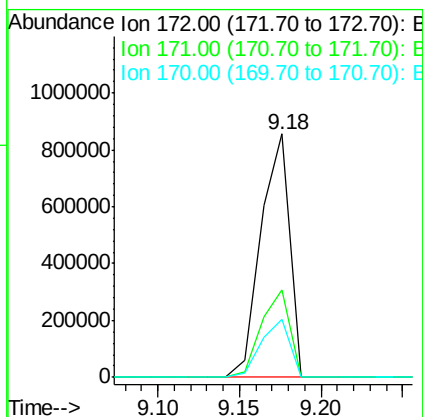
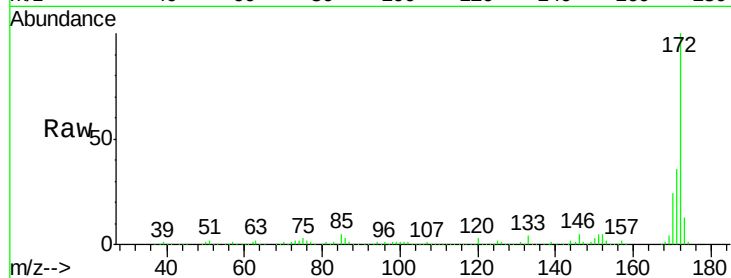




#44
 2-Fluorobiphenyl
 Concen: 86.25 ng
 RT: 9.18 min Scan# 664
 Delta R.T. -0.00 min
 Lab File: BF088595.D
 Acq: 2 Jul 2016 1:36

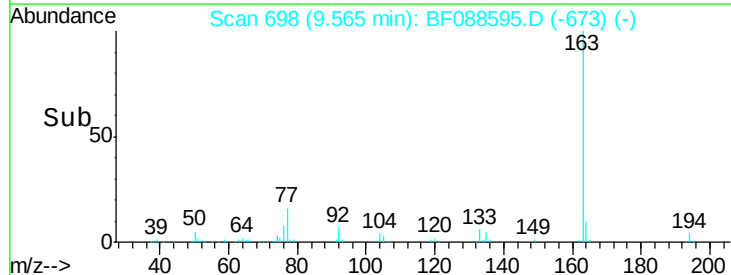
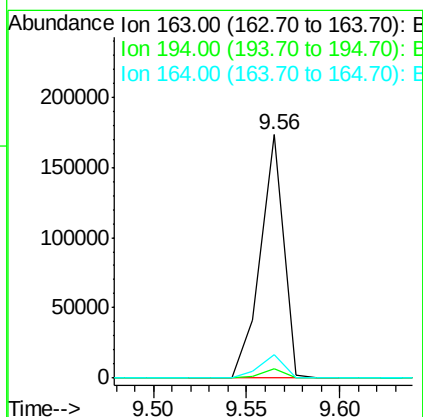
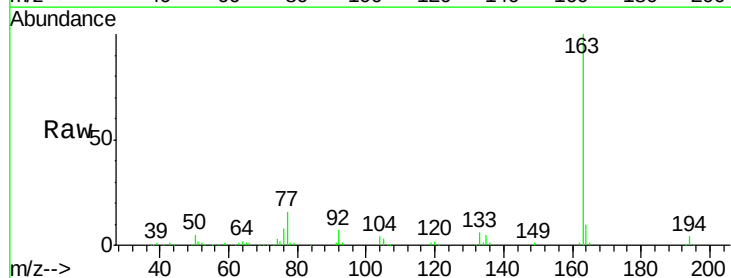
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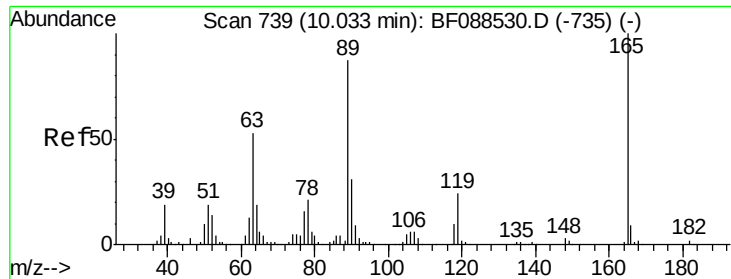
Tgt Ion:172 Resp: 1045274
 Ion Ratio Lower Upper
 172 100
 171 35.8 28.6 43.0
 170 23.9 19.2 28.8



#49
 Dimethylphthalate
 Concen: 10.90 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF088595.D
 Acq: 2 Jul 2016 1:36

Tgt Ion:163 Resp: 148713
 Ion Ratio Lower Upper
 163 100
 194 3.7 2.8 4.2
 164 9.6 8.3 12.5

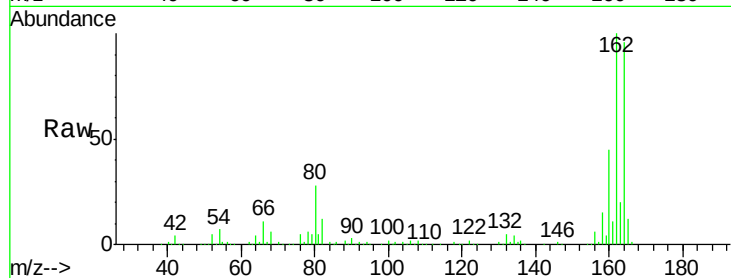




#56
2,4-Dinitrotoluene
Concen: 6.11 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.19 min
Lab File: BF088595.D
Acq: 2 Jul 2016 1:36

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	22.0	33.0#
89	1.4	41.1	61.7#
182	0.0	2.0	3.0#

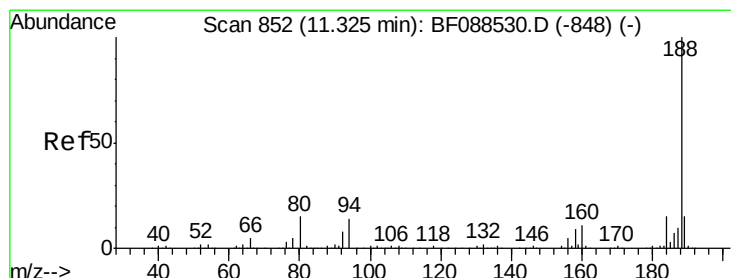
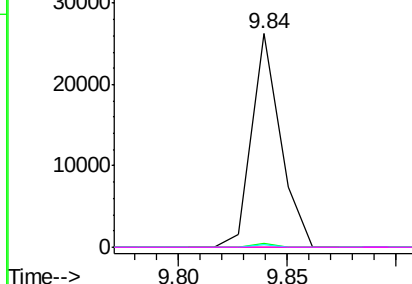
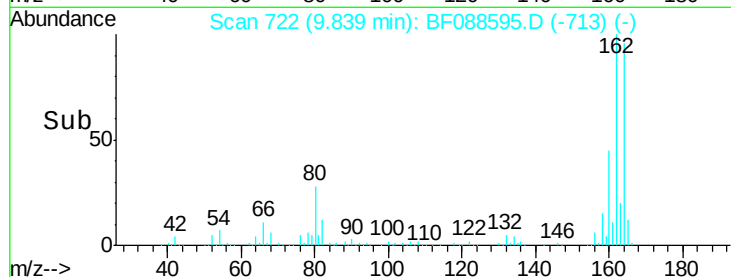


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

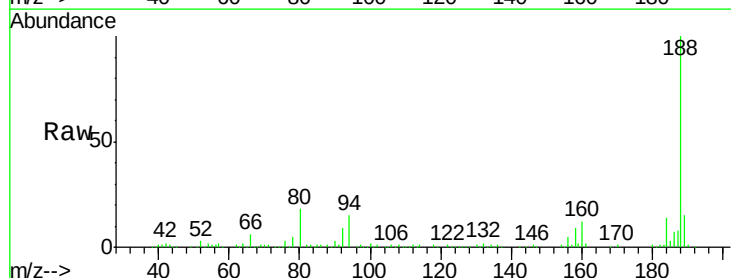
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF088595.D
Acq: 2 Jul 2016 1:36

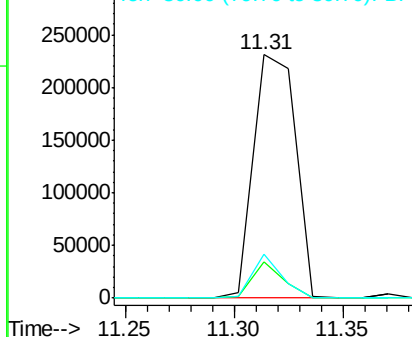
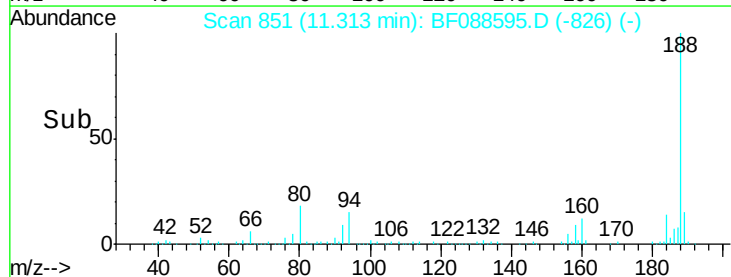
Tgt Ion	Ratio	Lower	Upper
188	100		
94	15.1	9.0	13.6#
80	18.1	10.0	15.0#

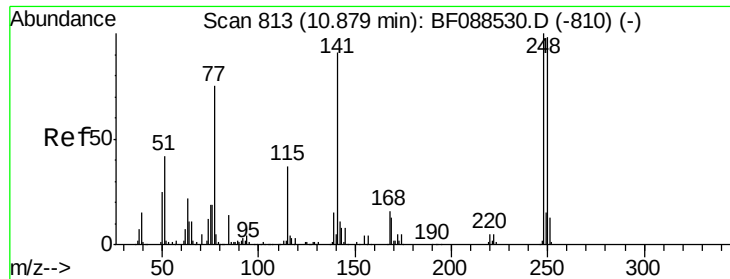


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

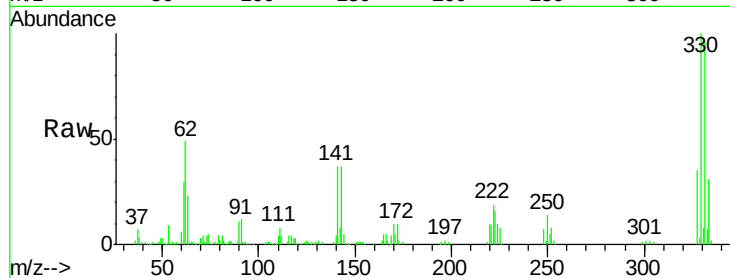




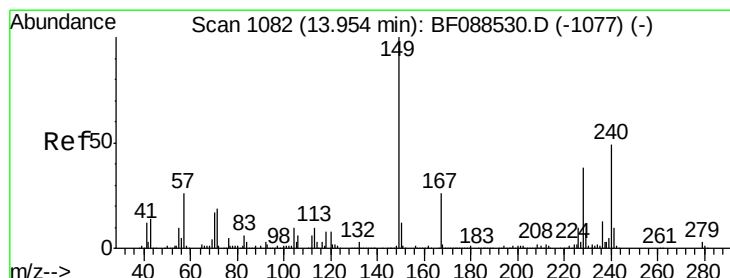
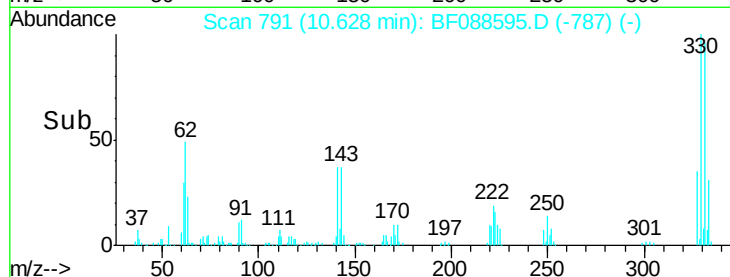
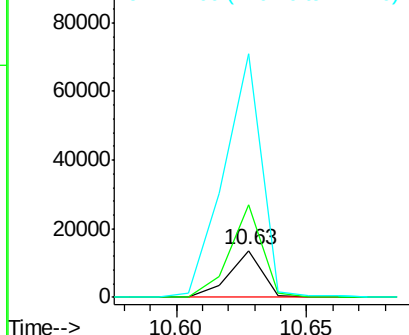
#66
4-Bromophenyl-phenylether
Concen: 3.82 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.25 min
Lab File: BF088595.D
Acq: 2 Jul 2016 1:36

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tgt Ion:248 Resp: 12021
Ion Ratio Lower Upper
248 100
250 197.1 77.1 115.7#
141 517.7 50.6 76.0#

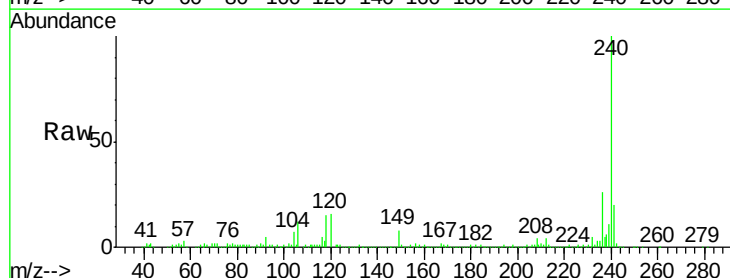


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

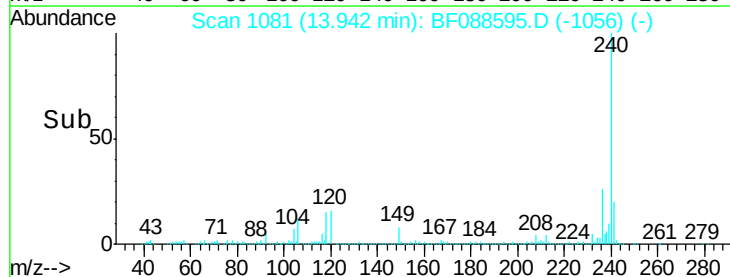
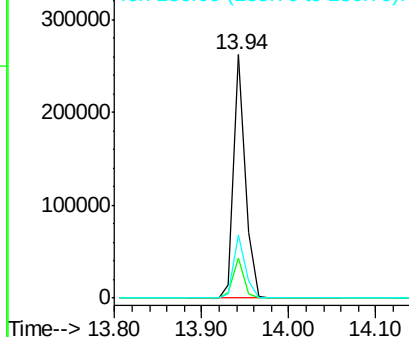


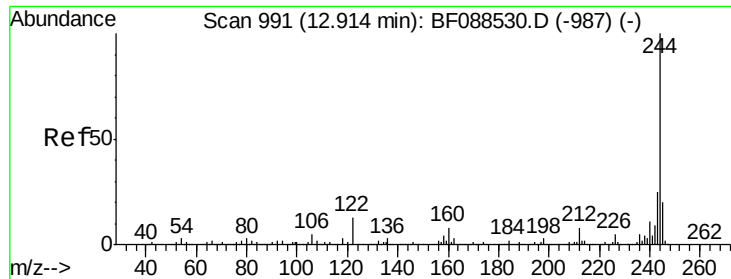
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1081
Delta R.T. -0.01 min
Lab File: BF088595.D
Acq: 2 Jul 2016 1:36

Tgt Ion:240 Resp: 242925
Ion Ratio Lower Upper
240 100
120 16.4 6.8 10.2#
236 26.1 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

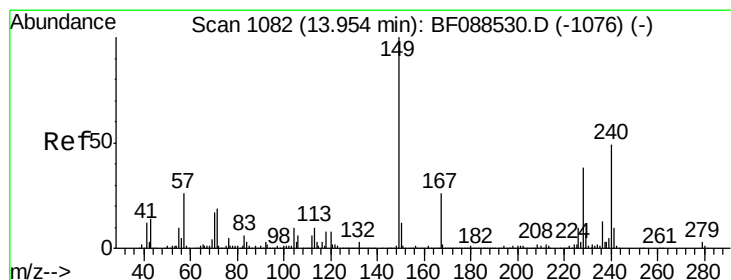
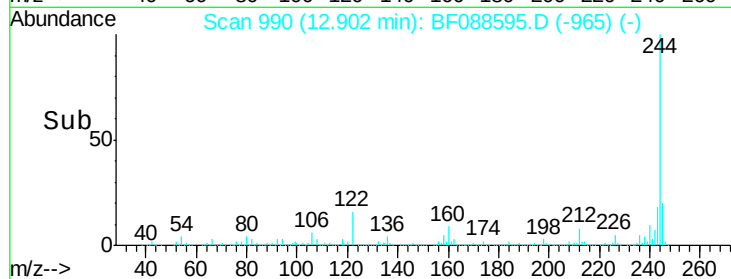
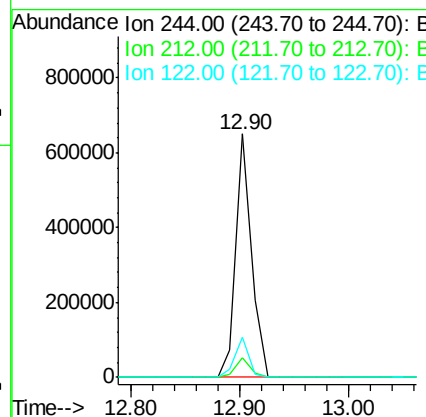
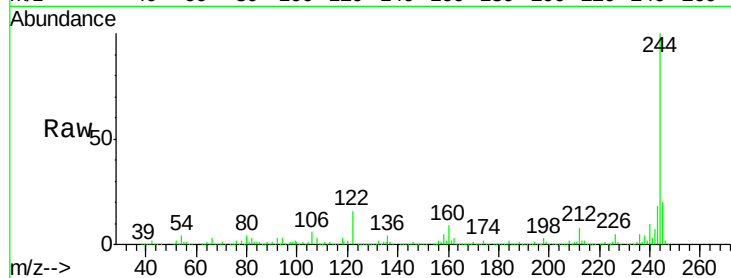




#78
 Terphenyl-d14
 Concen: 58.78 ng
 RT: 12.90 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF088595.D
 Acq: 2 Jul 2016 1:36

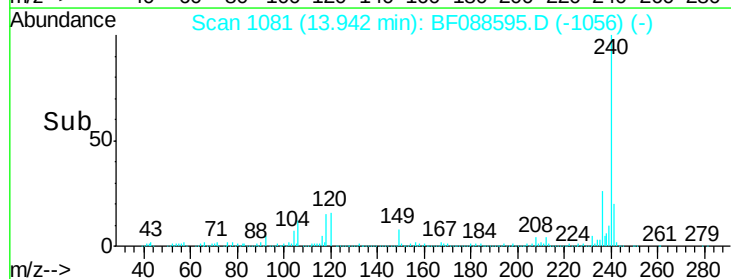
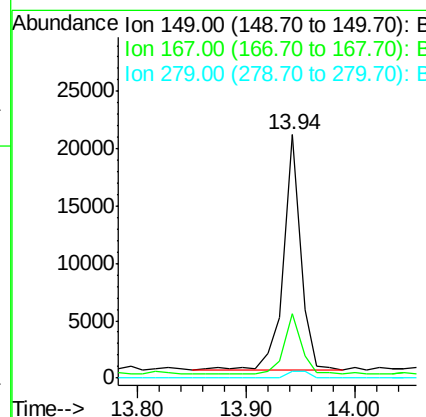
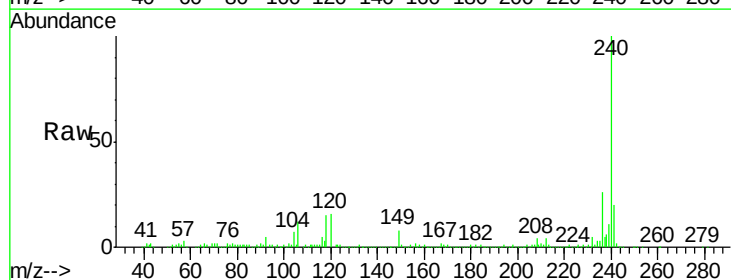
Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

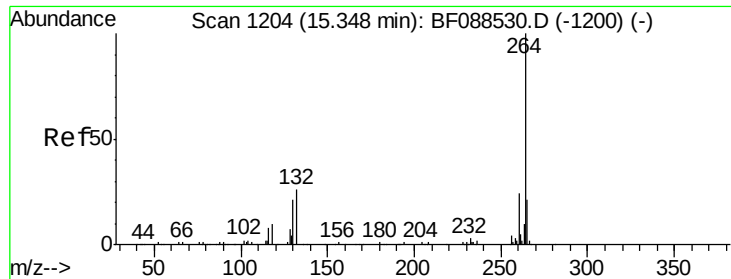
Tgt Ion: 244 Resp: 641078
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.0 9.0
 122 16.4 11.2 16.8



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.16 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF088595.D
 Acq: 2 Jul 2016 1:36

Tgt Ion: 149 Resp: 22648
 Ion Ratio Lower Upper
 149 100
 167 26.6 20.5 30.7
 279 2.9 2.0 3.0





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.35 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BF088595.D
Acq: 2 Jul 2016 1:36

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tgt Ion: 264 Resp: 207976

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.5	16.9	25.3

