

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061516\
 Data File : BF088060.D
 Acq On : 16 Jun 2016 3:57
 Operator : UM/SJ
 Sample : H3571-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-26-COMP

Quant Time: Jun 16 07:15:03 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 16 03:20:46 2016
 Response via : Initial Calibration

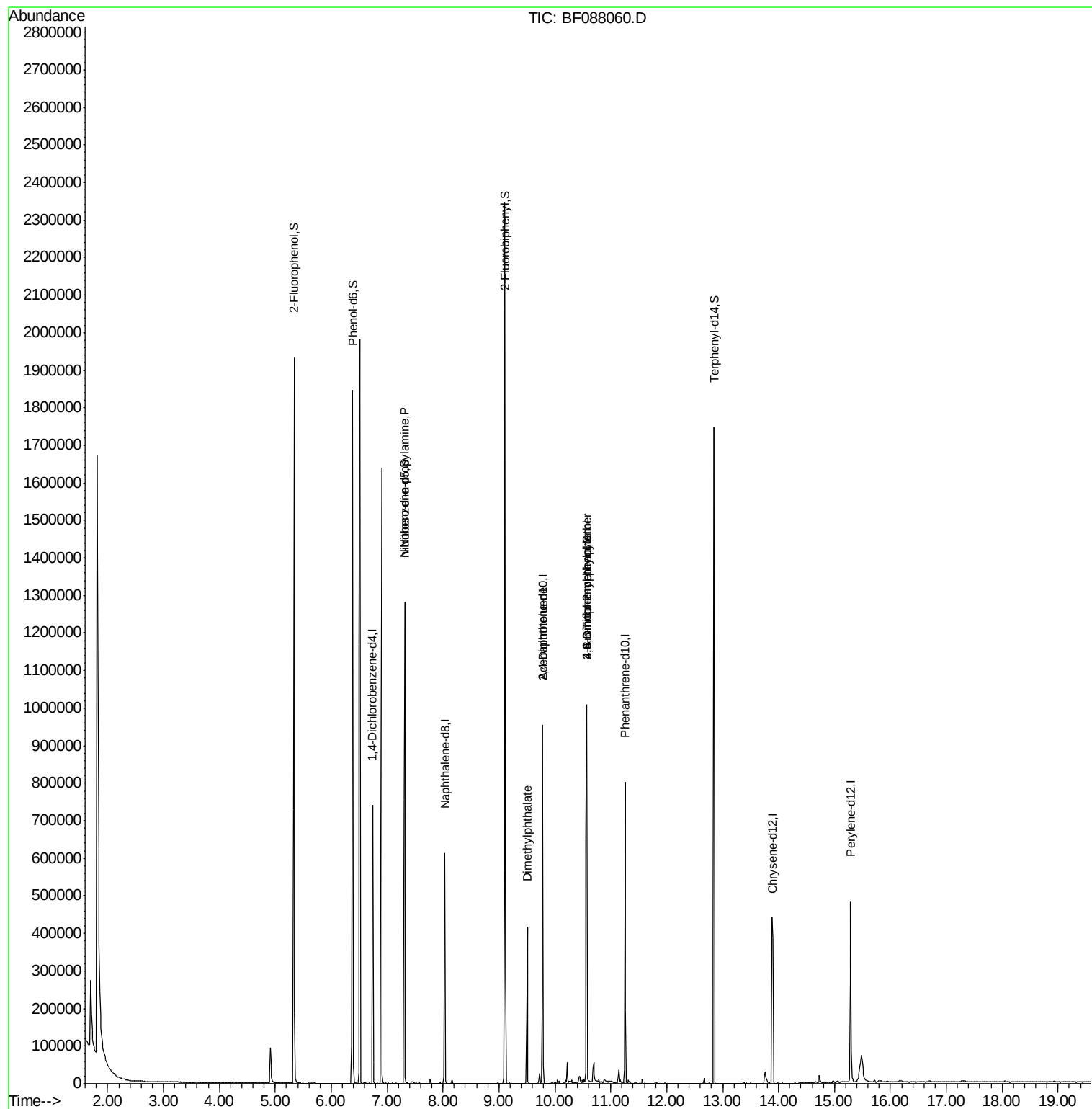
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	109822	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	414222	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	188875	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	287568	20.00	ng	-0.01
75) Chrysene-d12	13.90	240	217334	20.00	ng	0.00
86) Perylene-d12	15.29	264	215632	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	602844	93.84	ng	0.01
7) Phenol-d6	6.39	99	837233	107.54	ng	0.00
23) Nitrobenzene-d5	7.31	82	516915	72.87	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	154898	77.67	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	754690	61.22	ng	-0.01
78) Terphenyl-d14	12.84	244	513851	53.80	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.40	94	5599	Below Cal		97
19) n-Nitroso-di-n-propylamine	7.31	70	66783	13.41 ng	#	69
45) 1,1'-Biphenyl	9.11	154	1411	Below Cal	#	1
49) Dimethylphthalate	9.51	163	206023	15.06 ng		98
56) 2,4-Dinitrotoluene	9.78	165	23976	5.95 ng	#	37
57) Fluorene	10.57	166	7462	Below Cal	#	82
64) 4,6-Dinitro-2-methylphenol	10.57	198	252	2.30 ng	#	37
66) 4-Bromophenyl-phenylether	10.57	248	10250	3.32 ng	#	1

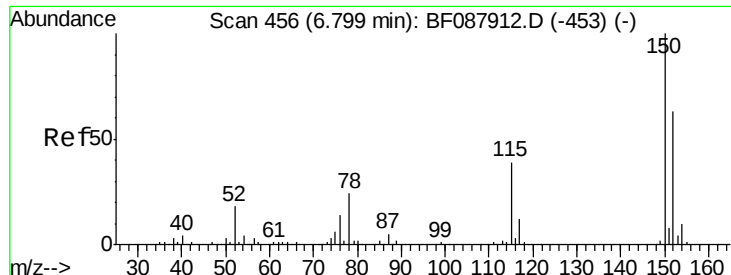
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.00 min

Lab File: BF088060.D

Acq: 16 Jun 2016 3:57

Instrument :

BNA_F

ClientSampled :

SB-26-COMP

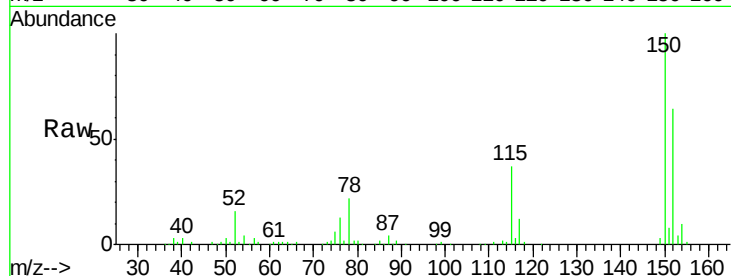
Tgt Ion:152 Resp: 109822

Ion Ratio Lower Upper

152 100

150 155.8 123.8 185.6

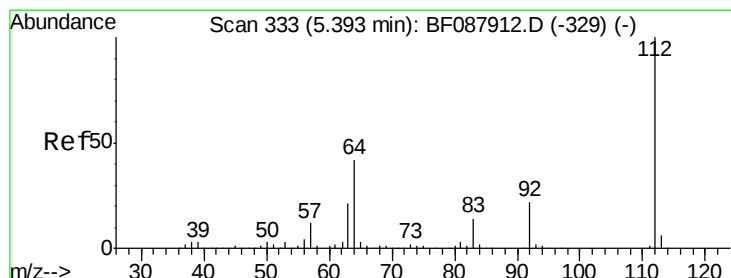
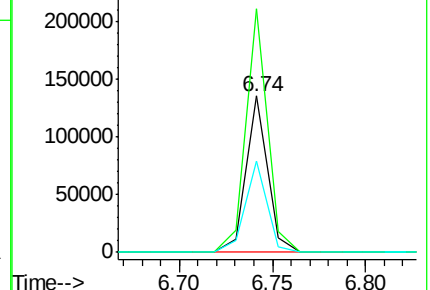
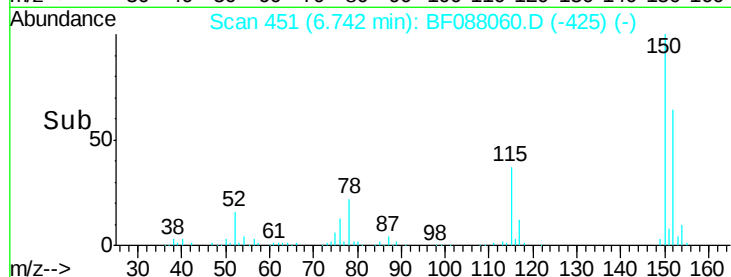
115 58.3 39.6 59.4



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: 93.84 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.01 min

Lab File: BF088060.D

Acq: 16 Jun 2016 3:57

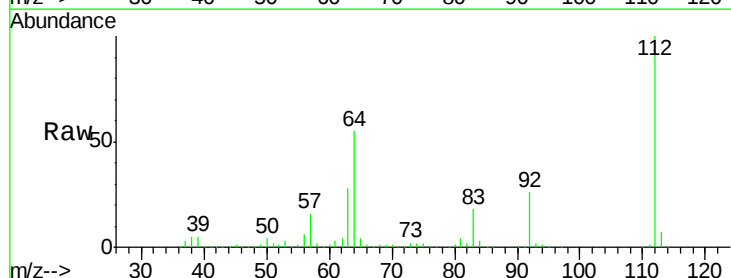
Tgt Ion:112 Resp: 602844

Ion Ratio Lower Upper

112 100

64 55.5 42.2 63.2

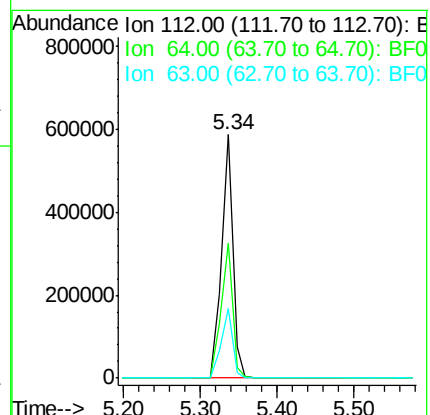
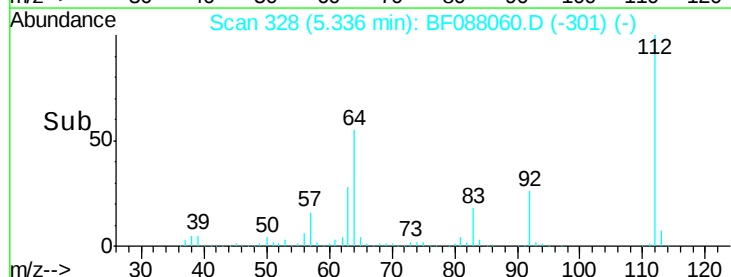
63 28.5 21.8 32.8

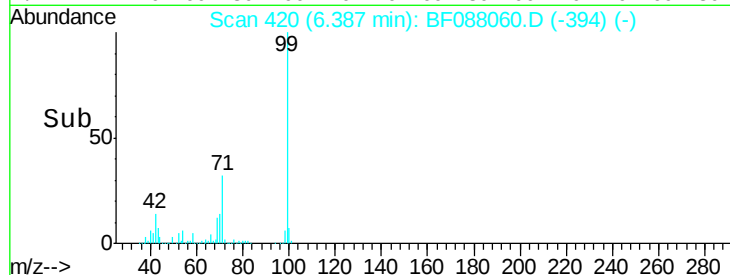
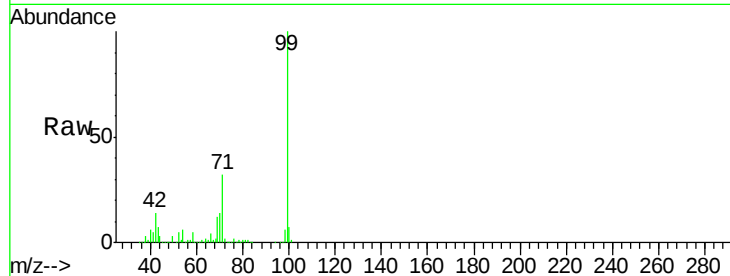
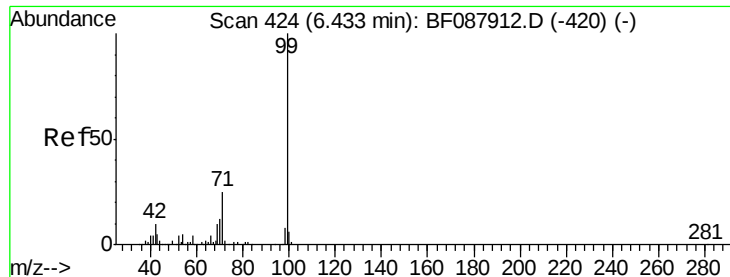


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 107.54 ng

RT: 6.39 min Scan# 420

Delta R.T. -0.00 min

Lab File: BF088060.D

Acq: 16 Jun 2016 3:57

Instrument :

BNA_F

ClientSampleId :

SB-26-COMP

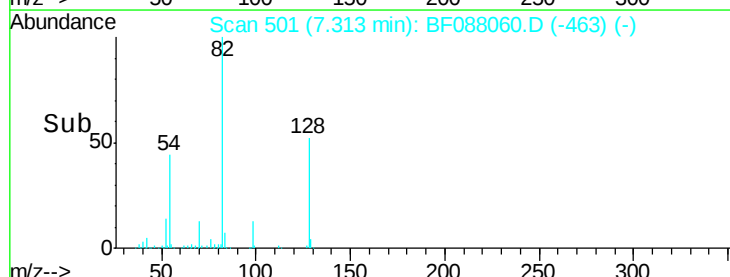
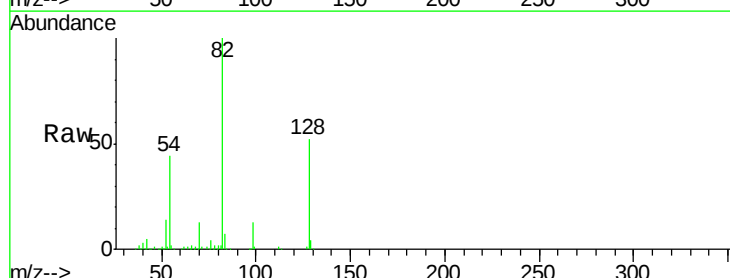
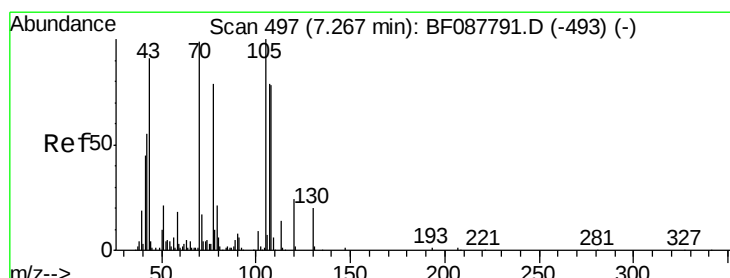
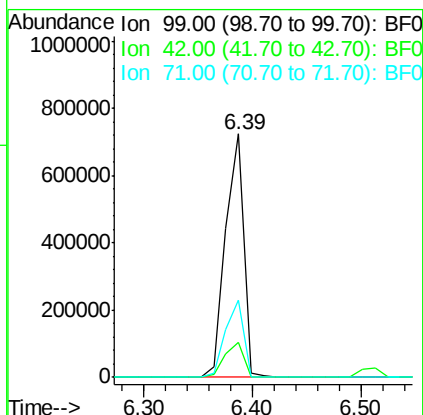
Tgt Ion: 99 Resp: 837233

Ion Ratio Lower Upper

99 100

42 14.5 12.2 18.2

71 31.7 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.41 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.14 min

Lab File: BF088060.D

Acq: 16 Jun 2016 3:57

Tgt Ion: 70 Resp: 66783

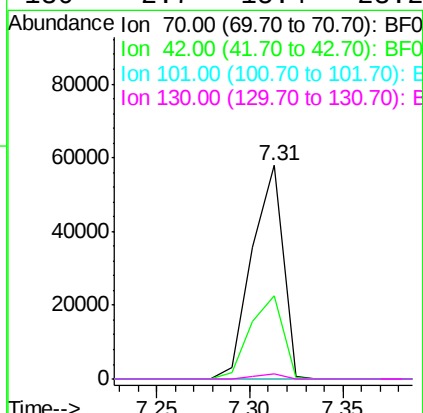
Ion Ratio Lower Upper

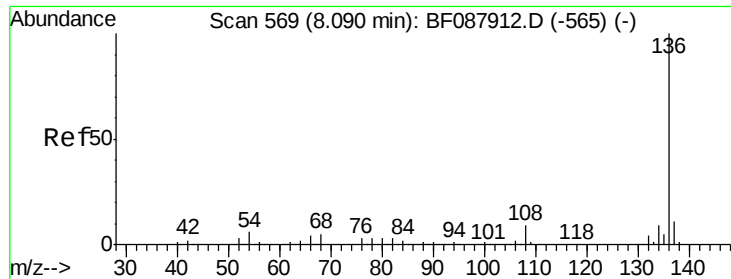
70 100

42 38.9 49.6 74.4#

101 0.0 7.1 10.7#

130 2.7 15.4 23.2#

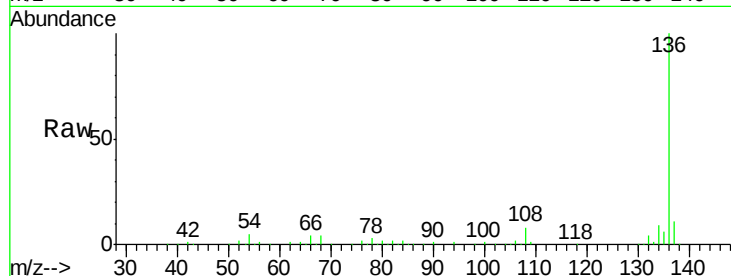




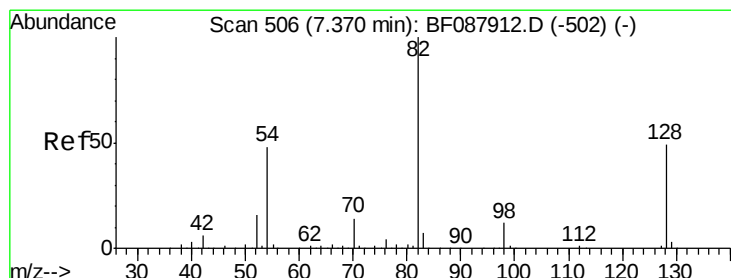
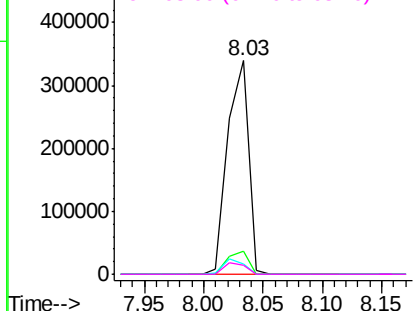
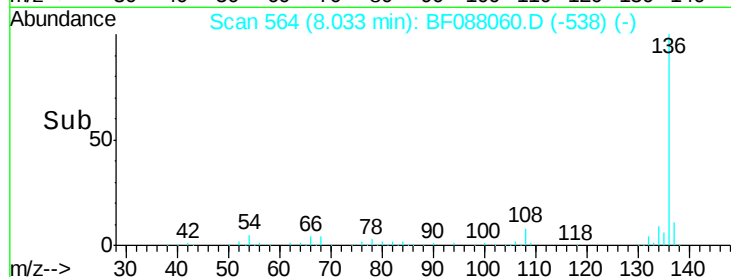
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF088060.D
Acq: 16 Jun 2016 3:57

Instrument :
BNA_F
ClientSampleId :
SB-26-COMP

Tgt Ion: 136 Resp: 414222
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 4.9 6.6 10.0#
68 4.4 5.1 7.7#

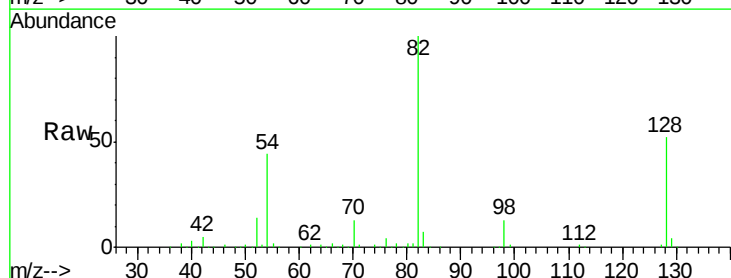


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

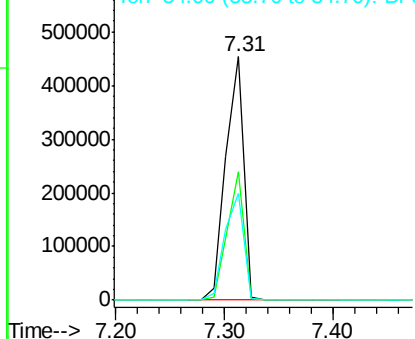
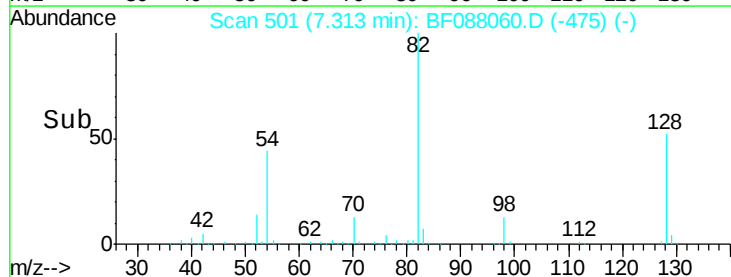


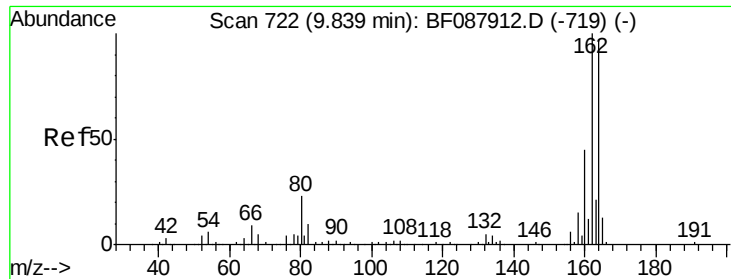
#23
Nitrobenzene-d5
Concen: 72.87 ng
RT: 7.31 min Scan# 501
Delta R.T. -0.00 min
Lab File: BF088060.D
Acq: 16 Jun 2016 3:57

Tgt Ion: 82 Resp: 516915
Ion Ratio Lower Upper
82 100
128 52.5 35.9 53.9
54 43.8 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

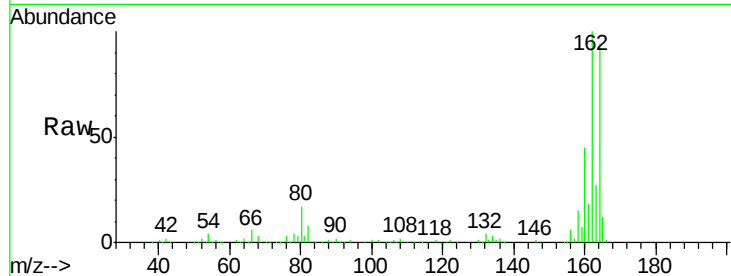




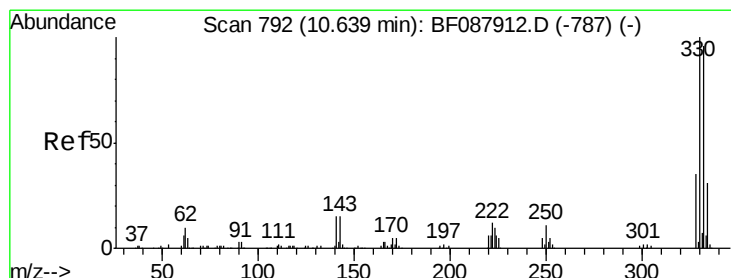
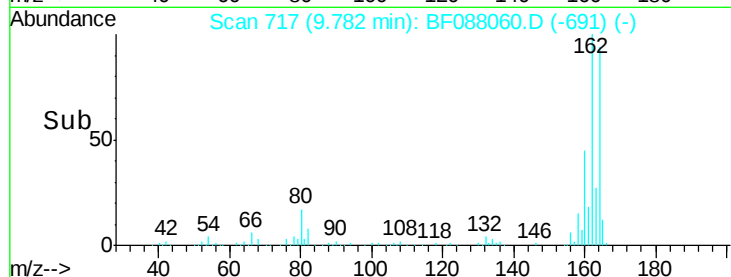
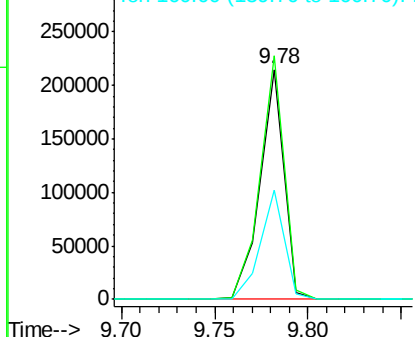
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.00 min
Lab File: BF088060.D
Acq: 16 Jun 2016 3:57

Instrument :
BNA_F
ClientSampleId :
SB-26-COMP

Tgt Ion:164 Resp: 188875
Ion Ratio Lower Upper
164 100
162 106.0 85.4 128.2
160 47.6 39.5 59.3

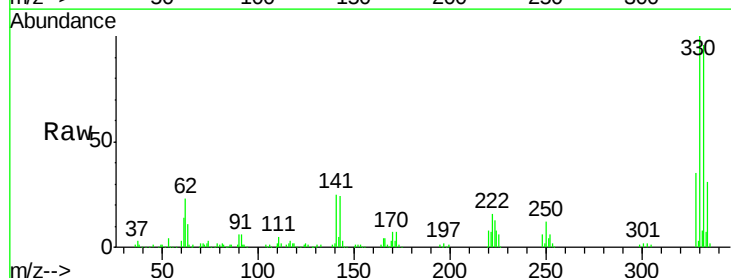


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

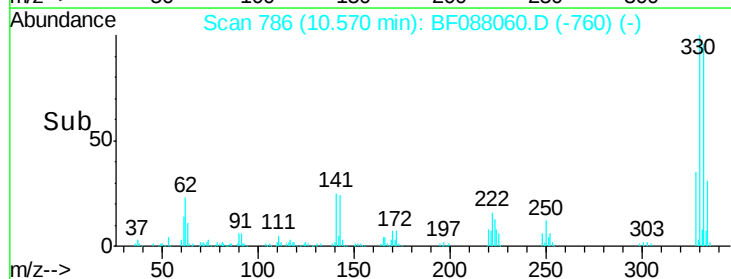
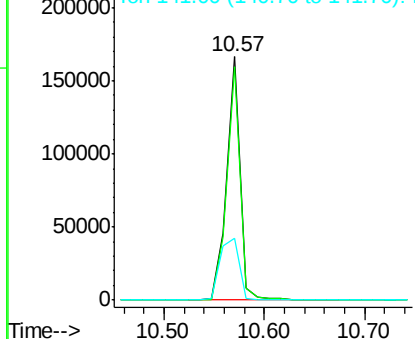


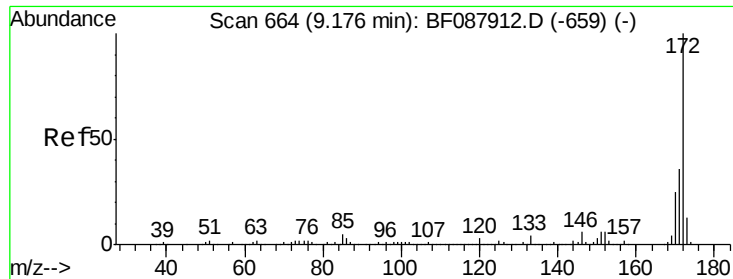
#41
2,4,6-Tribromophenol
Concen: 77.67 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.00 min
Lab File: BF088060.D
Acq: 16 Jun 2016 3:57

Tgt Ion:330 Resp: 154898
Ion Ratio Lower Upper
330 100
332 96.2 0.0 0.0#
141 36.9 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

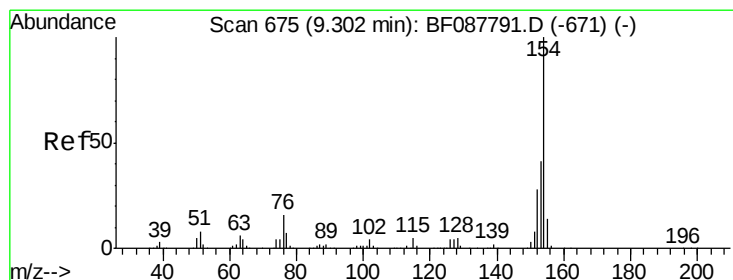
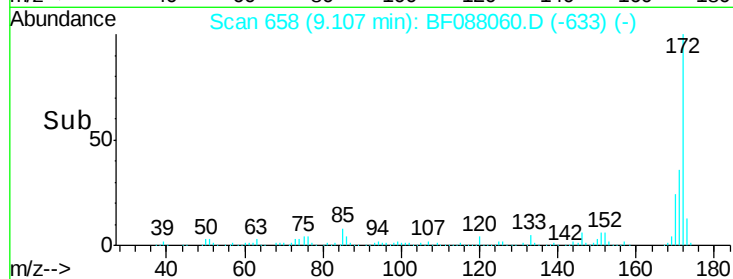
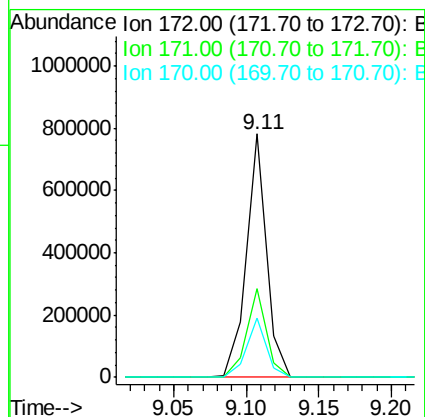
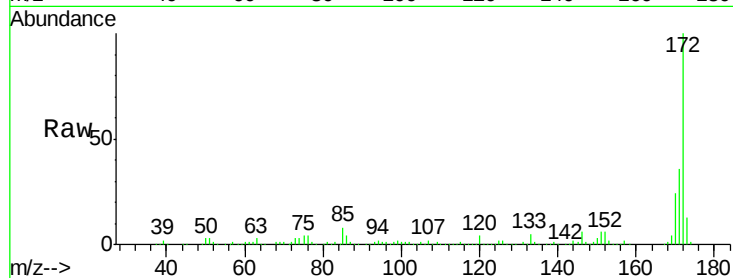




#44
 2-Fluorobiphenyl
 Concen: 61.22 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF088060.D
 Acq: 16 Jun 2016 3:57

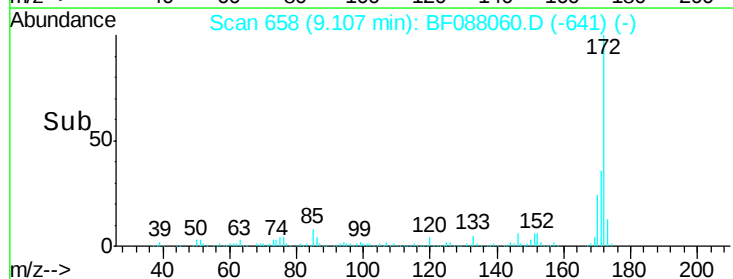
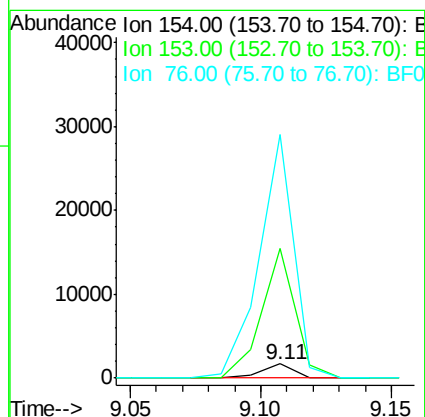
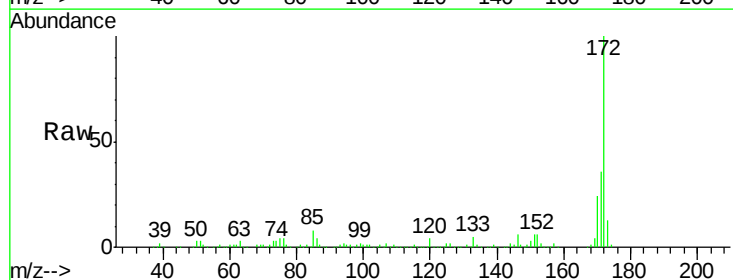
Instrument :
 BNA_F
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 SB-26-COMP

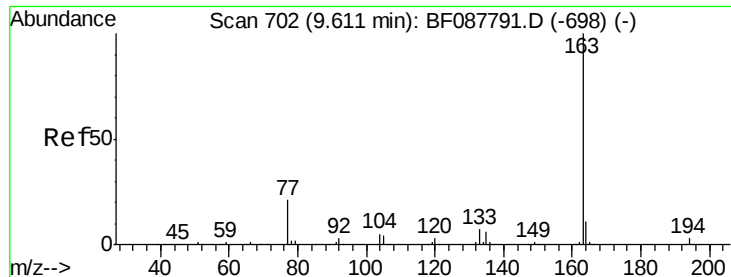
Tgt Ion:172 Resp: 754690
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.2 19.2 28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.11 min Scan# 658
 Delta R.T. -0.10 min
 Lab File: BF088060.D
 Acq: 16 Jun 2016 3:57

Tgt Ion:154 Resp: 1411
 Ion Ratio Lower Upper
 154 100
 153 920.0 20.6 60.6#
 76 1719.4 0.0 35.1#

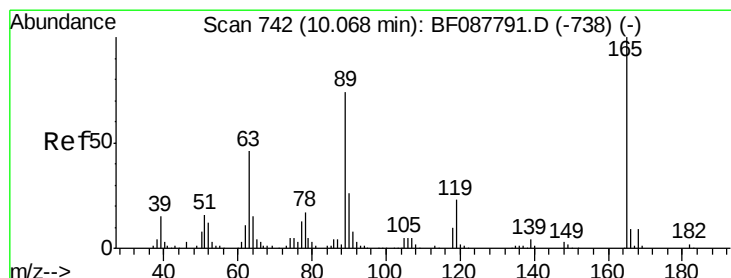
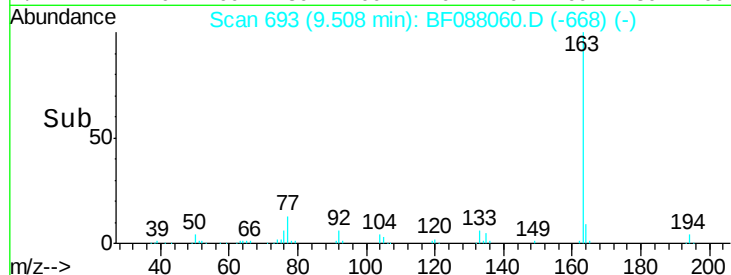
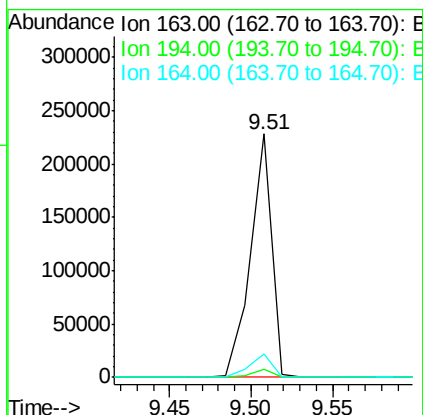
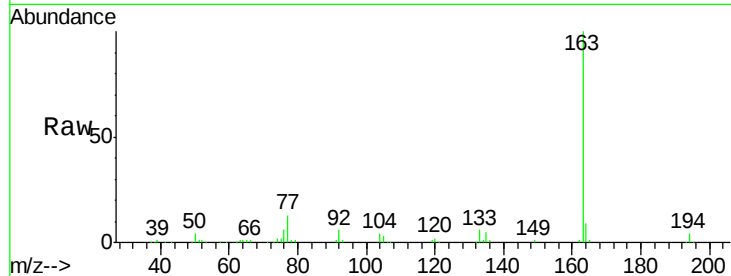




#49
Dimethylphthalate
Concen: 15.06 ng
RT: 9.51 min Scan# 693
Delta R.T. -0.01 min
Lab File: BF088060.D
Acq: 16 Jun 2016 3:57

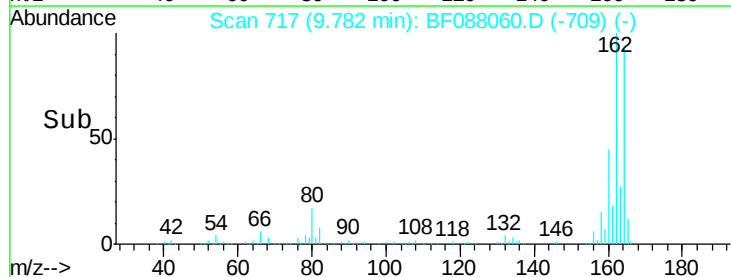
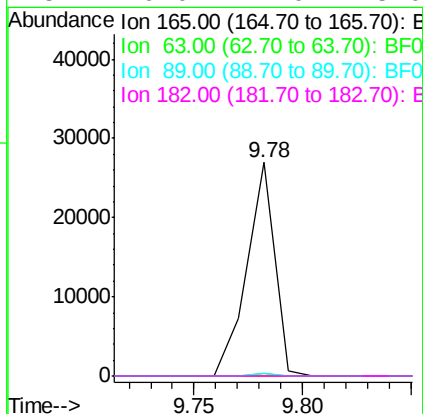
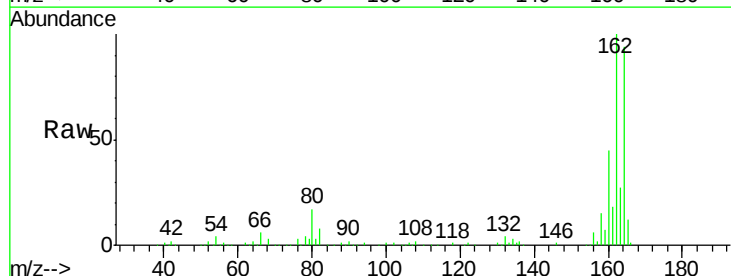
Instrument :
BNA_F
ClientSampleId :
SB-26-COMP

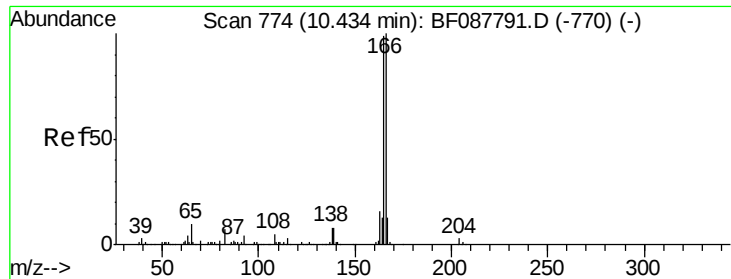
Tgt Ion:163 Resp: 206023
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.5 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 5.95 ng
RT: 9.78 min Scan# 717
Delta R.T. -0.21 min
Lab File: BF088060.D
Acq: 16 Jun 2016 3:57

Tgt Ion:165 Resp: 23976
Ion Ratio Lower Upper
165 100
63 1.2 22.0 33.0#
89 1.2 41.1 61.7#
182 0.0 2.0 3.0#





#57

Fluorene

Concen: Below Cal

RT: 10.57 min Scan# 786

Delta R.T. 0.24 min

Lab File: BF088060.D

Acq: 16 Jun 2016 3:57

Instrument :

BNA_F

ClientSampleId :

SB-26-COMP

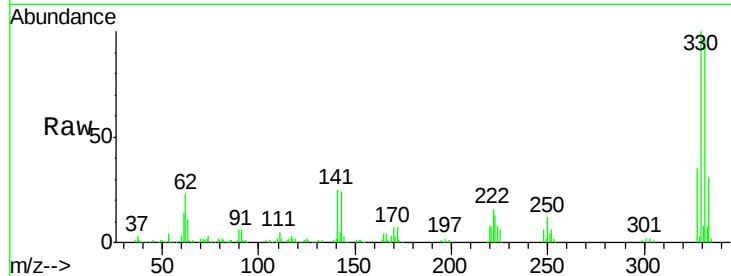
Tgt Ion:166 Resp: 7462

Ion Ratio Lower Upper

166 100

165 109.0 77.8 116.8

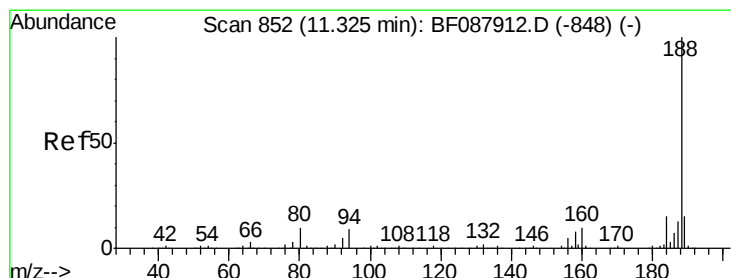
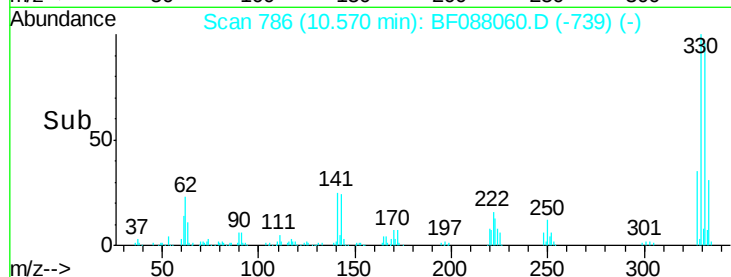
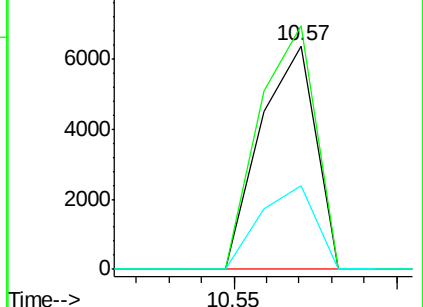
167 37.4 11.2 16.8#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.26 min Scan# 846

Delta R.T. -0.01 min

Lab File: BF088060.D

Acq: 16 Jun 2016 3:57

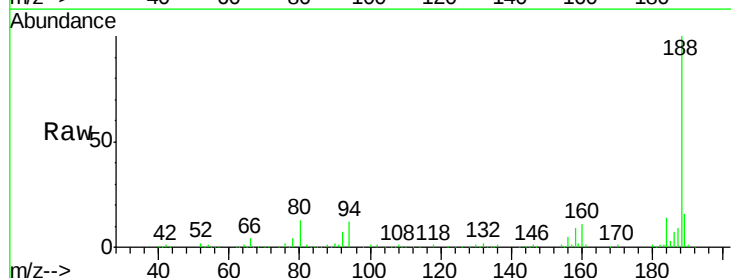
Tgt Ion:188 Resp: 287568

Ion Ratio Lower Upper

188 100

94 11.9 9.0 13.6

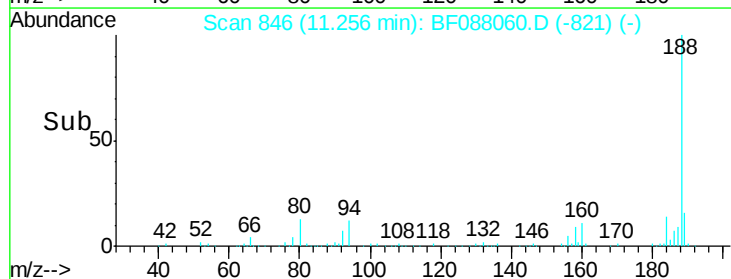
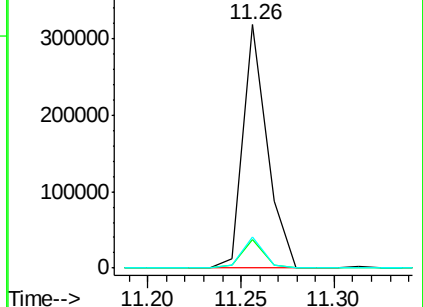
80 12.8 10.0 15.0

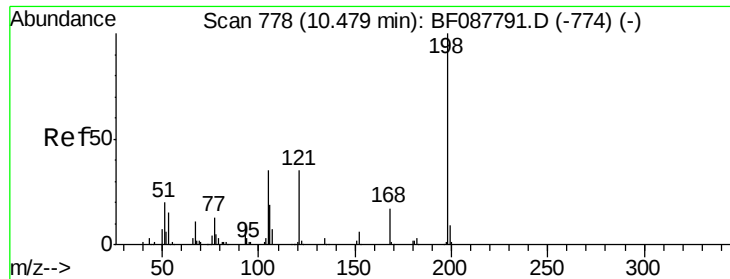


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

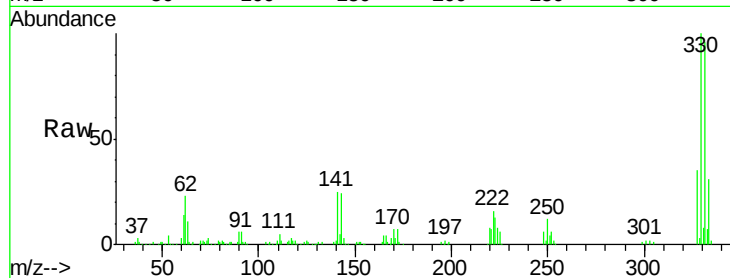




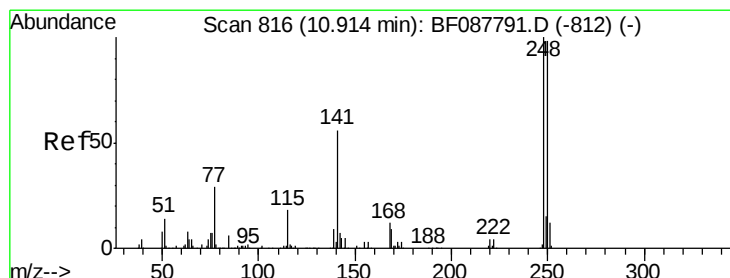
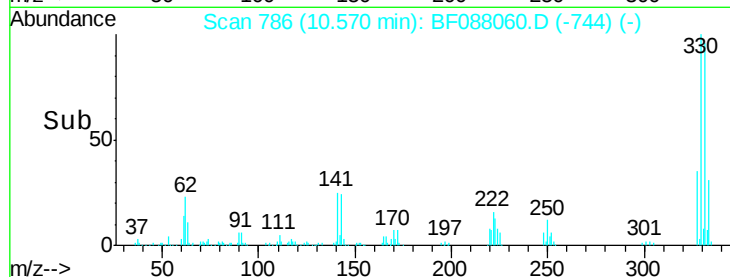
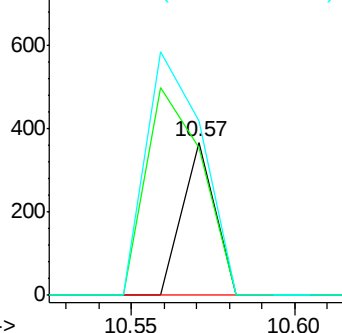
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.30 ng
 RT: 10.57 min Scan# 786
 Delta R.T. 0.18 min
 Lab File: BF088060.D
 Acq: 16 Jun 2016 3:57

Instrument :
 BNA_F
 ClientSampleId :
 SB-26-COMP

Tgt Ion:198 Resp: 252
 Ion Ratio Lower Upper
 198 100
 51 96.2 39.6 79.6#
 105 114.2 36.6 76.6#

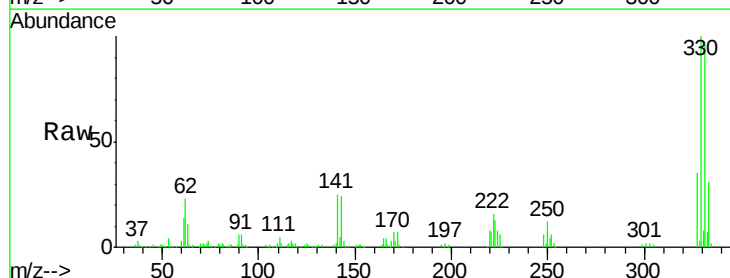


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

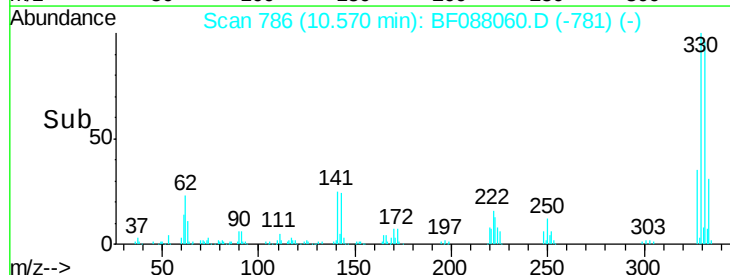
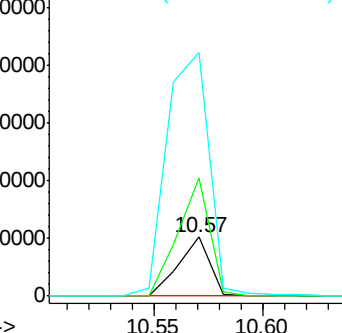


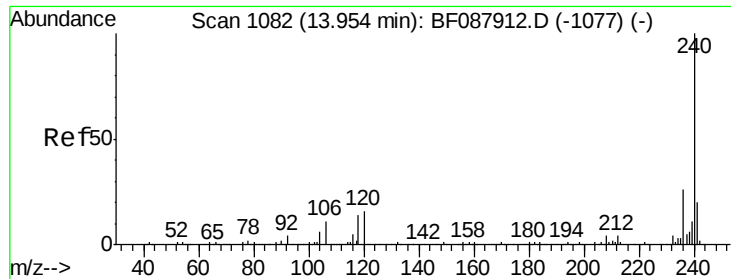
#66
 4-Bromophenyl-phenylether
 Concen: 3.32 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.24 min
 Lab File: BF088060.D
 Acq: 16 Jun 2016 3:57

Tgt Ion:248 Resp: 10250
 Ion Ratio Lower Upper
 248 100
 250 199.1 77.1 115.7#
 141 411.7 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

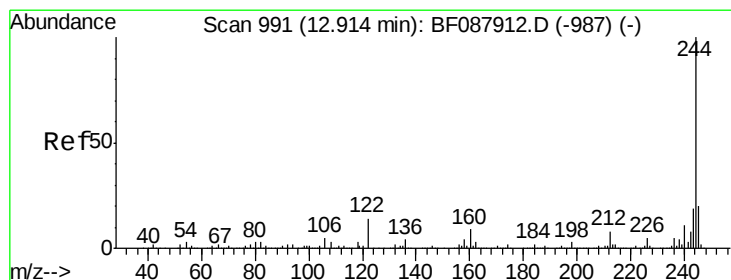
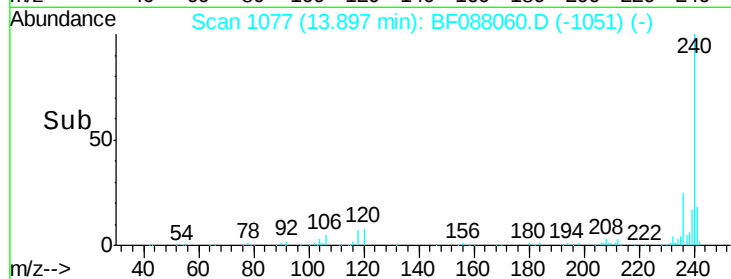
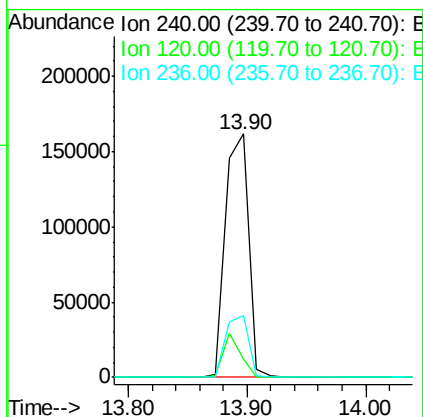
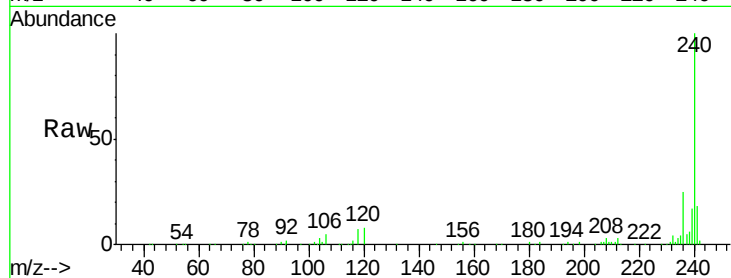




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1077
Delta R.T. -0.00 min
Lab File: BF088060.D
Acq: 16 Jun 2016 3:57

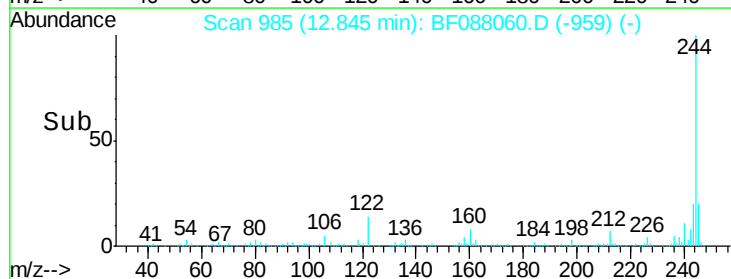
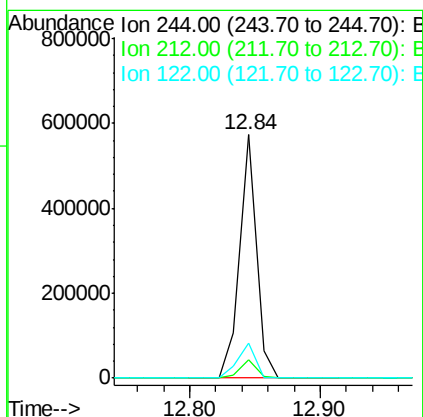
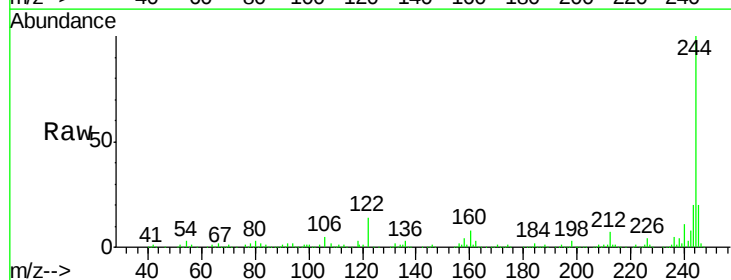
Instrument :
BNA_F
ClientSampleId :
SB-26-COMP

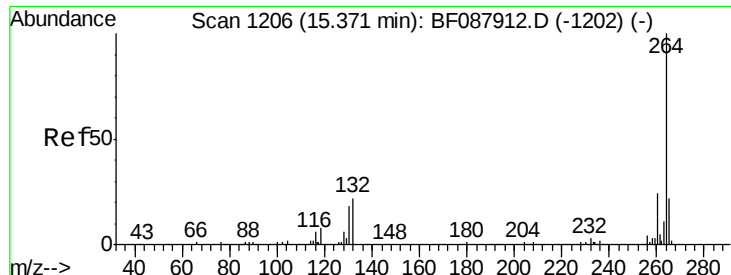
Tgt Ion:240 Resp: 217334
Ion Ratio Lower Upper
240 100
120 7.8 6.8 10.2
236 25.3 20.2 30.2



#78
Terphenyl-d14
Concen: 53.80 ng
RT: 12.84 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF088060.D
Acq: 16 Jun 2016 3:57

Tgt Ion:244 Resp: 513851
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 14.4 11.2 16.8





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 1199
Delta R.T. -0.00 min
Lab File: BF088060.D
Acq: 16 Jun 2016 3:57

Instrument :
BNA_F
ClientSampleId :
SB-26-COMP

Tgt Ion: 264 Resp: 215632
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.6 16.9 25.3

