

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061516\
 Data File : BF088064.D
 Acq On : 16 Jun 2016 5:54
 Operator : UM/SJ
 Sample : H3570-11
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP

Quant Time: Jun 16 07:16:46 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

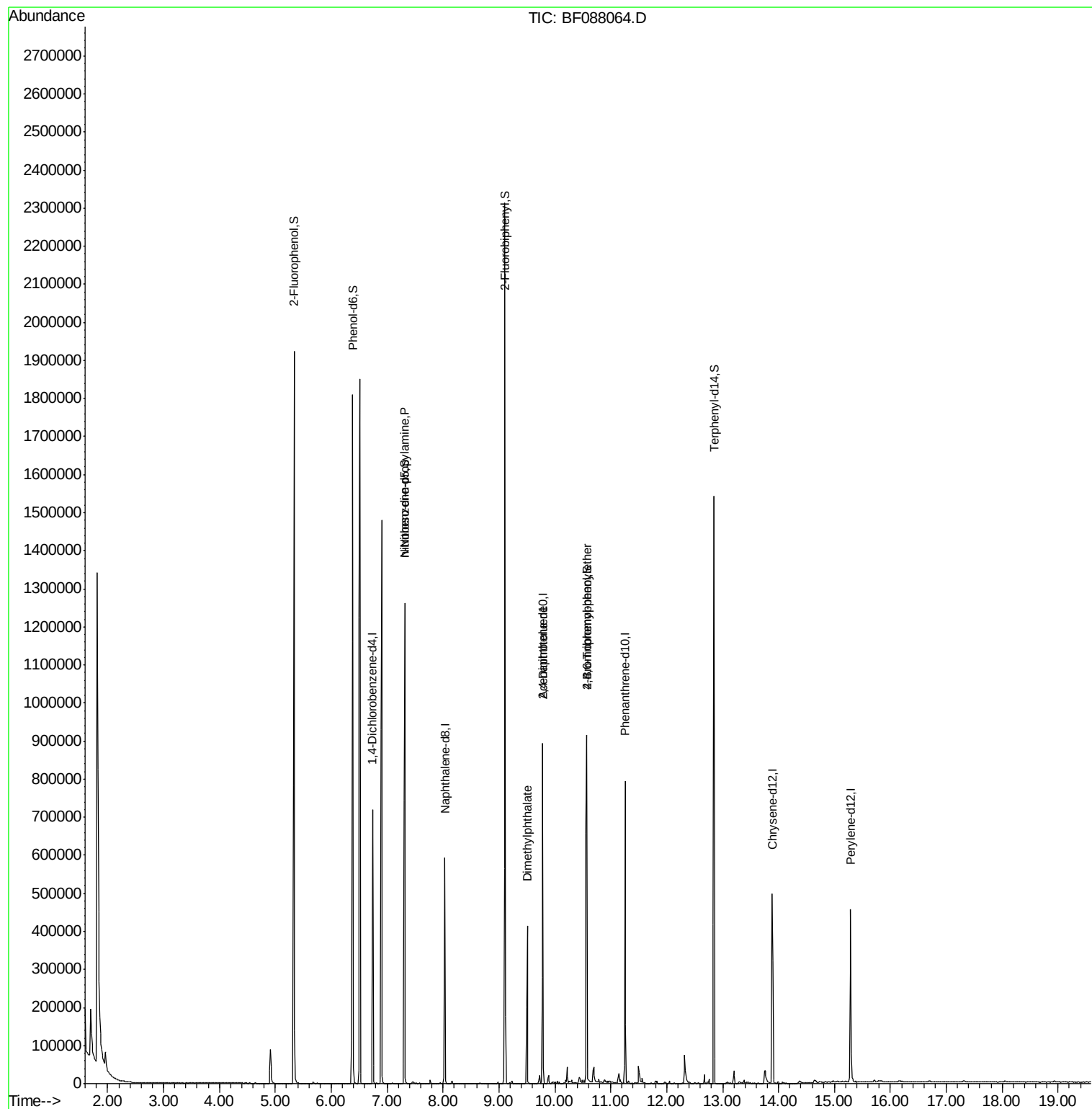
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	107674	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	413995	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	182683	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	277829	20.00	ng	-0.01
75) Chrysene-d12	13.89	240	212099	20.00	ng	-0.01
86) Perylene-d12	15.29	264	211567	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	608311	96.58	ng	0.01
7) Phenol-d6	6.39	99	831483	108.93	ng	0.00
23) Nitrobenzene-d5	7.31	82	508060	71.66	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	147790	76.62	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	722280	60.52	ng	-0.01
78) Terphenyl-d14	12.85	244	465603	49.95	ng	0.00
Target Compounds						
10) Phenol	6.40	94	6617	Below Cal		Qvalue 98
19) n-Nitroso-di-n-propylamine	7.31	70	65261	13.36 ng	#	69
45) 1,1'-Biphenyl	9.11	154	1369	Below Cal	#	1
49) Dimethylphthalate	9.51	163	212937	16.09 ng		98
56) 2,4-Dinitrotoluene	9.78	165	22798	5.85 ng	#	37
57) Fluorene	10.57	166	7671	Below Cal	#	90
66) 4-Bromophenyl-phenylether	10.57	248	9513	3.19 ng	#	1

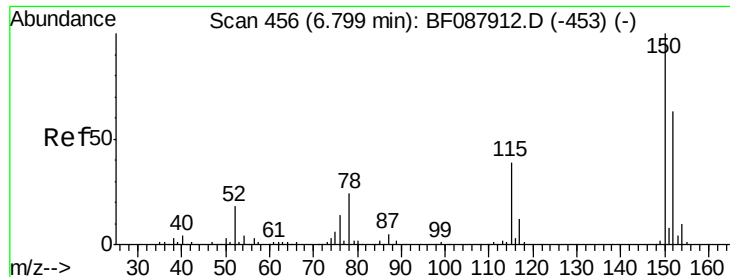
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061516\
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Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-13-COMP

Quant Time: Jun 16 07:16:46 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. 0.00 min

Lab File: BF088064.D

Acq: 16 Jun 2016 5:54

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

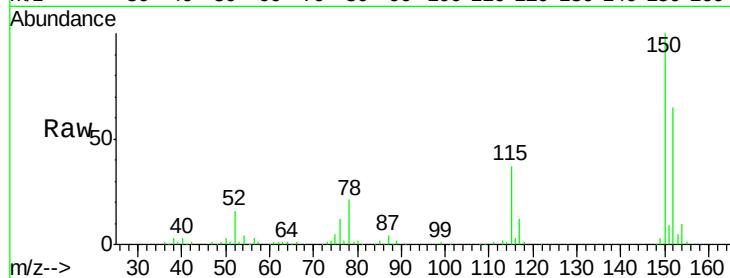
Tgt Ion:152 Resp: 107674

Ion Ratio Lower Upper

152 100

150 154.7 123.8 185.6

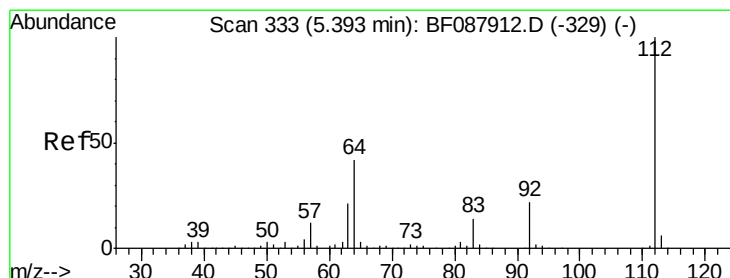
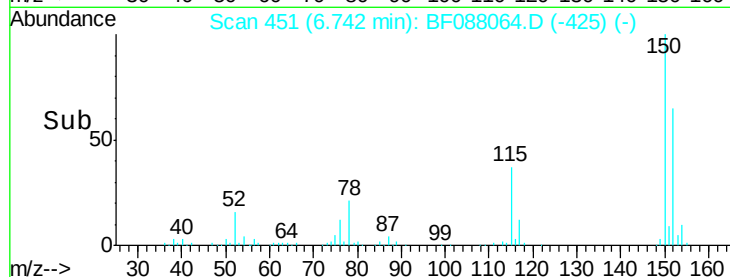
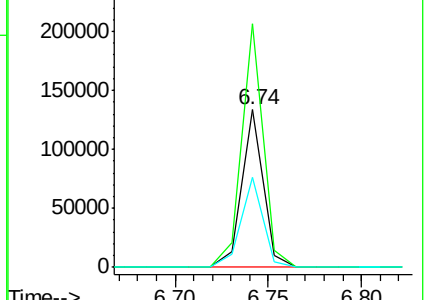
115 57.1 39.6 59.4



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: 96.58 ng

RT: 5.34 min Scan# 328

Delta R.T. 0.01 min

Lab File: BF088064.D

Acq: 16 Jun 2016 5:54

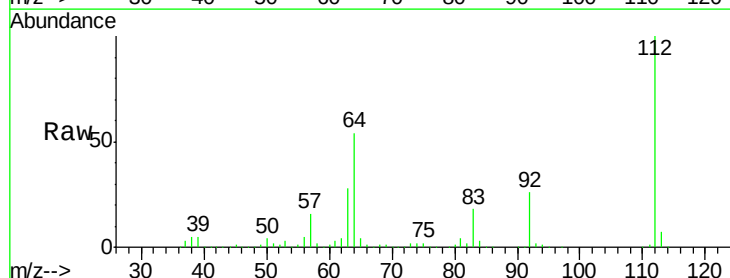
Tgt Ion:112 Resp: 608311

Ion Ratio Lower Upper

112 100

64 54.1 42.2 63.2

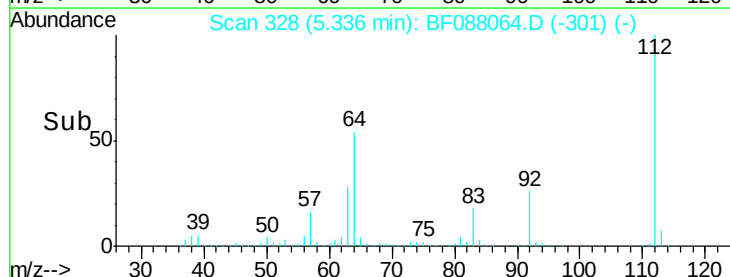
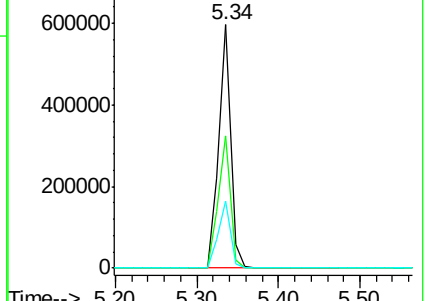
63 27.6 21.8 32.8

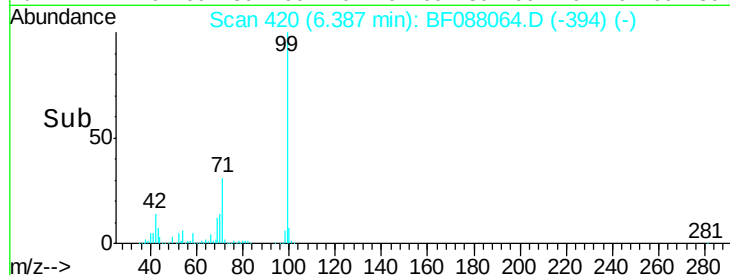
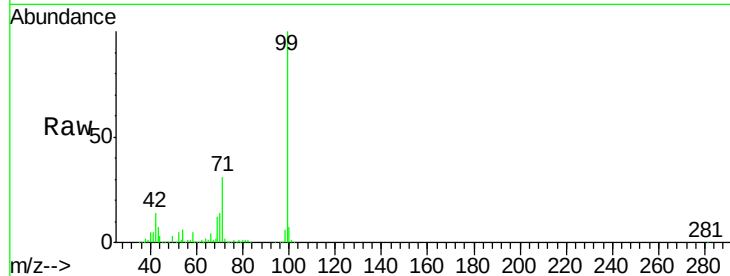
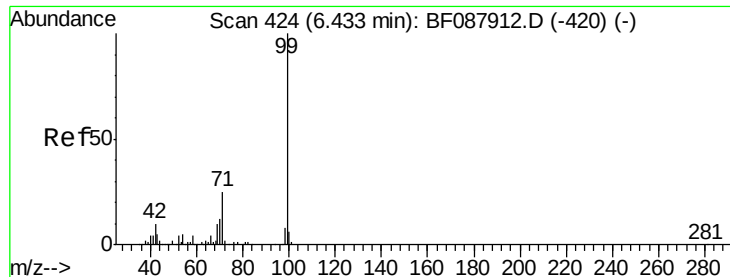


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 108.93 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.00 min

Lab File: BF088064.D

Acq: 16 Jun 2016 5:54

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

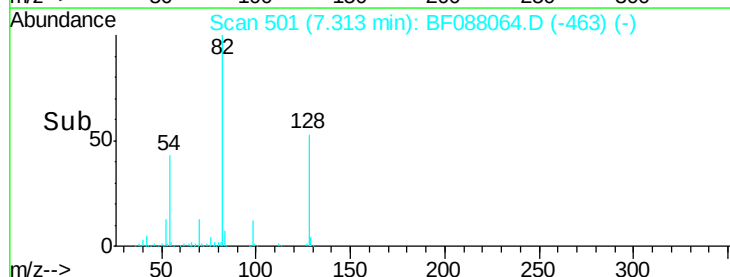
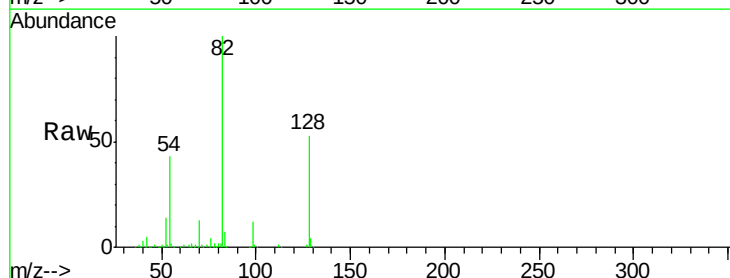
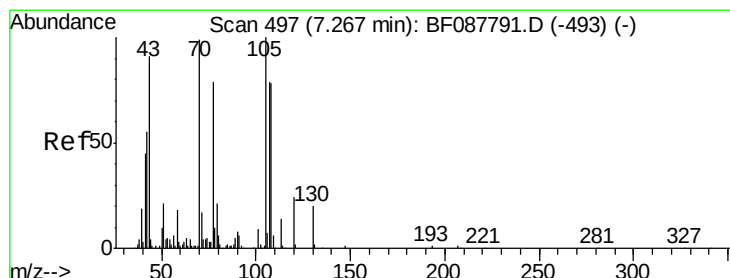
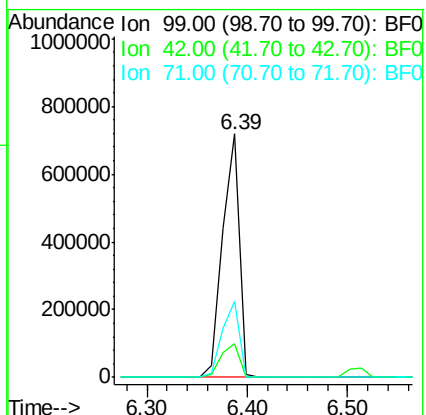
Tgt Ion: 99 Resp: 831483

Ion Ratio Lower Upper

99 100

42 13.8 12.2 18.2

71 31.1 23.4 35.0



#19

n-Nitroso-di-n-propylamine

Concen: 13.36 ng

RT: 7.31 min Scan# 501

Delta R.T. 0.14 min

Lab File: BF088064.D

Acq: 16 Jun 2016 5:54

Tgt Ion: 70 Resp: 65261

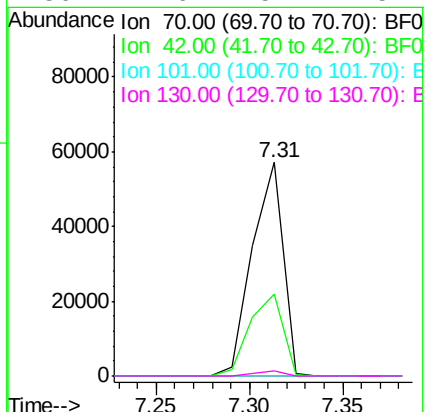
Ion Ratio Lower Upper

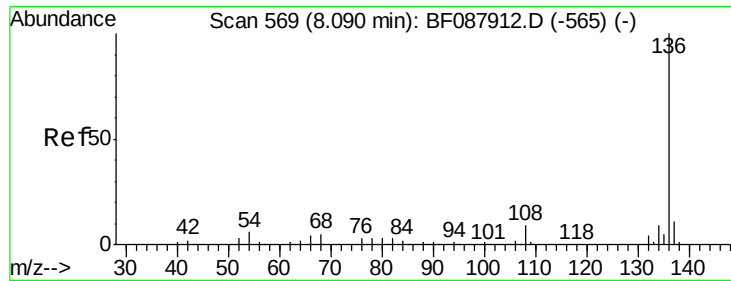
70 100

42 38.3 49.6 74.4#

101 0.0 7.1 10.7#

130 2.6 15.4 23.2#

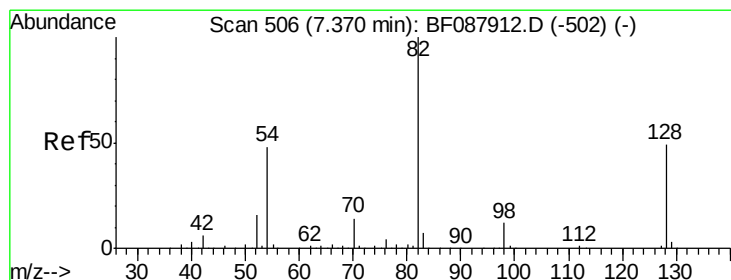
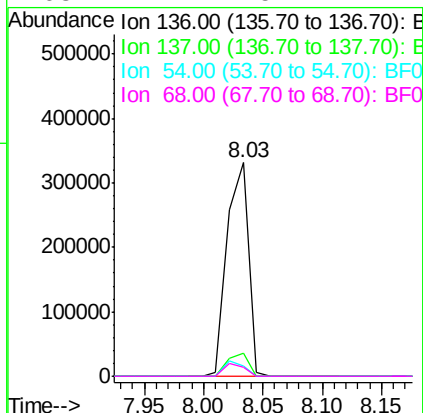
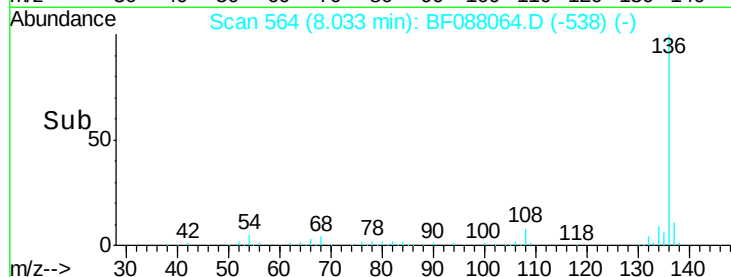
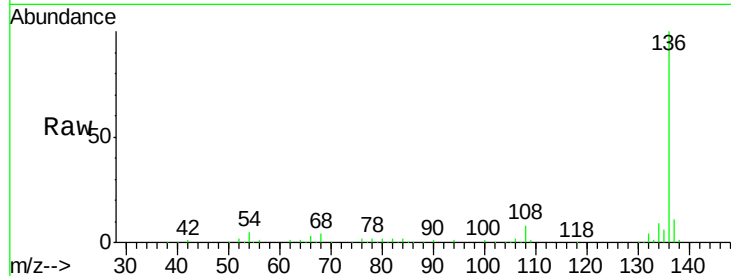




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.03 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF088064.D
Acq: 16 Jun 2016 5:54

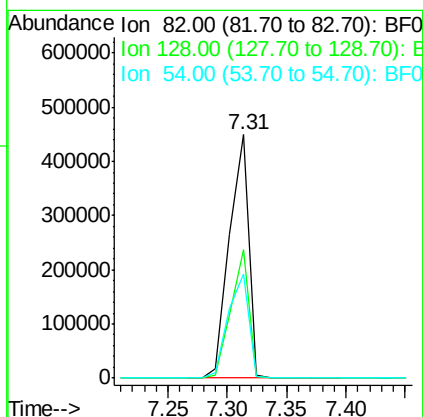
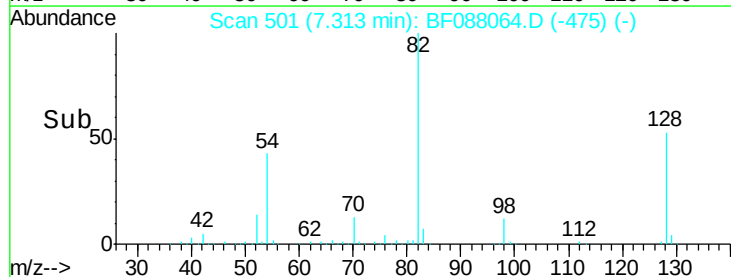
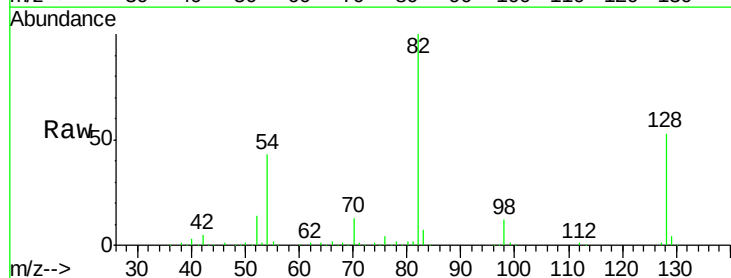
Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

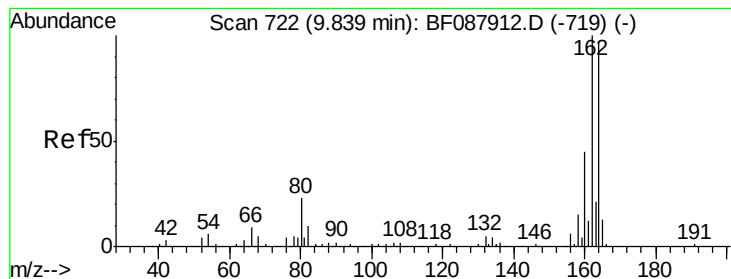
Tgt Ion:	136	Resp:	413995
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.1	13.7
54	4.7	6.6	10.0#
68	4.4	5.1	7.7#



#23
Nitrobenzene-d5
Concen: 71.66 ng
RT: 7.31 min Scan# 501
Delta R.T. 0.00 min
Lab File: BF088064.D
Acq: 16 Jun 2016 5:54

Tgt Ion:	82	Resp:	508060
Ion	Ratio	Lower	Upper
82	100		
128	53.0	35.9	53.9
54	42.6	40.9	61.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 717

Delta R.T. 0.00 min

Lab File: BF088064.D

Acq: 16 Jun 2016 5:54

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

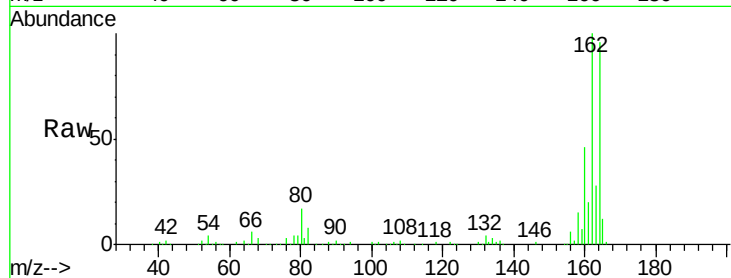
Tgt Ion:164 Resp: 182683

Ion Ratio Lower Upper

164 100

162 104.4 85.4 128.2

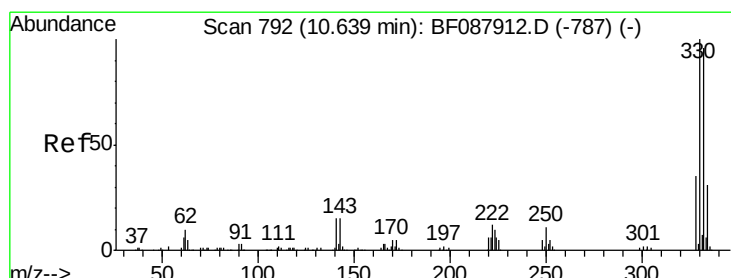
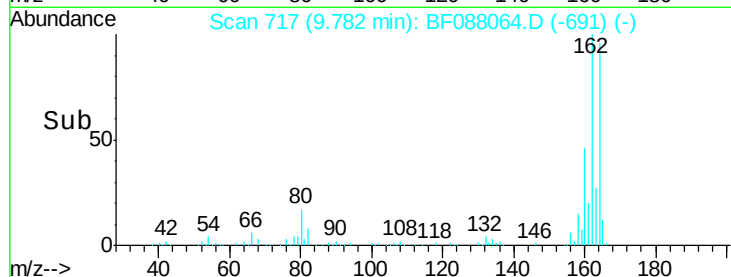
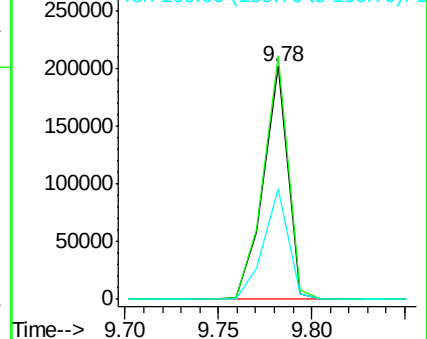
160 47.5 39.5 59.3



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: 76.62 ng

RT: 10.57 min Scan# 786

Delta R.T. 0.00 min

Lab File: BF088064.D

Acq: 16 Jun 2016 5:54

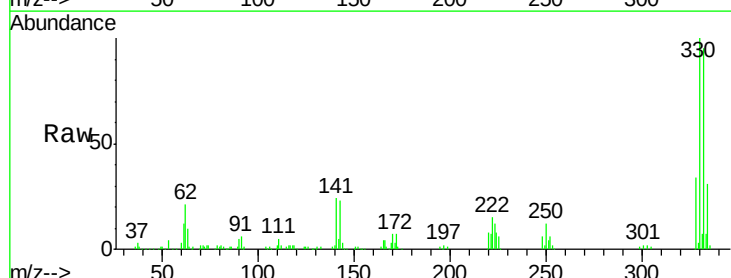
Tgt Ion:330 Resp: 147790

Ion Ratio Lower Upper

330 100

332 95.8 0.0 0.0#

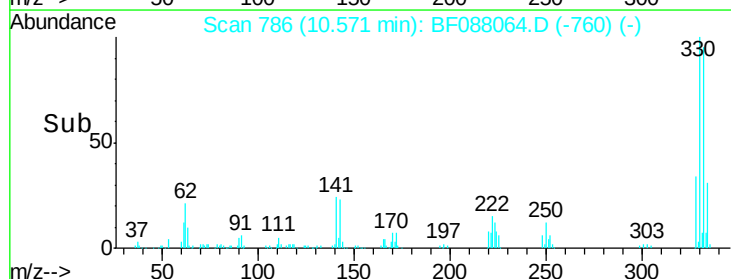
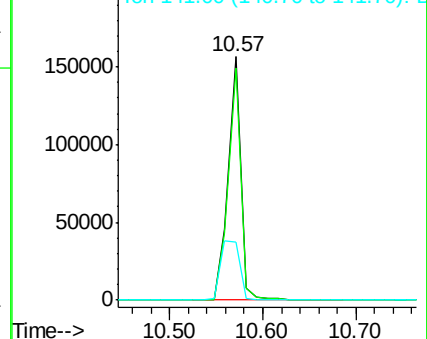
141 36.5 0.0 0.0#

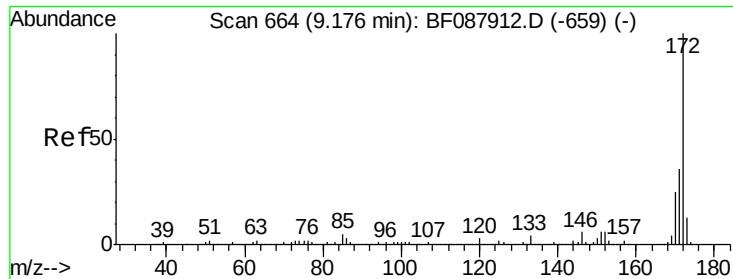


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

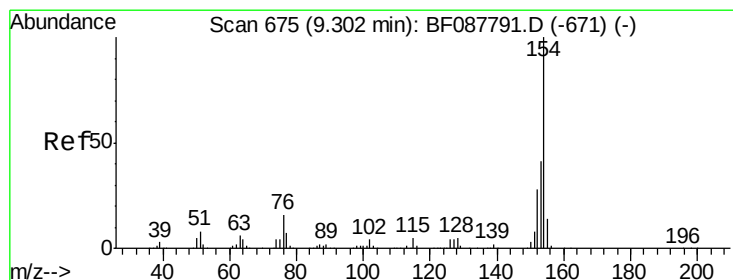
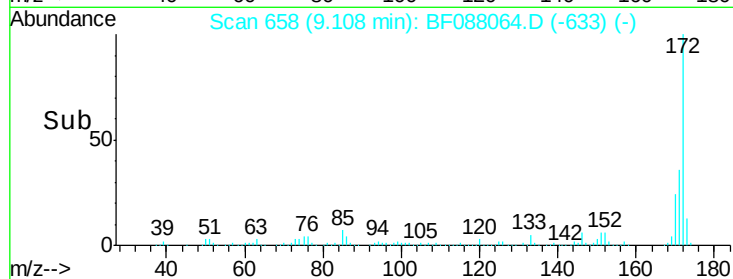
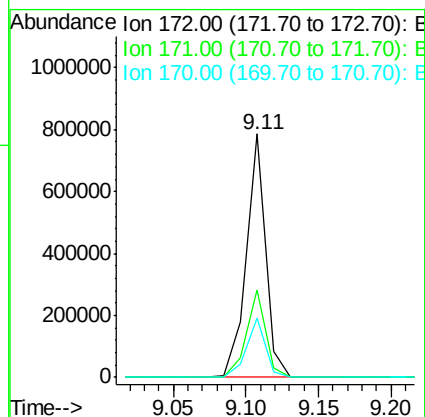
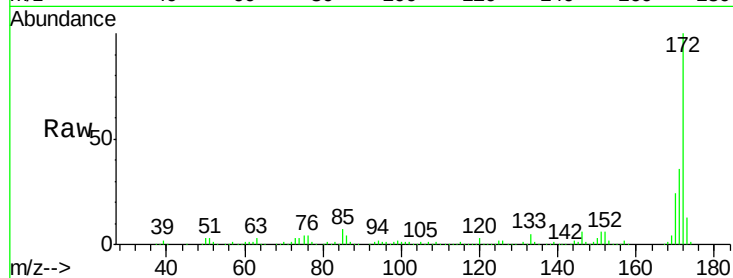




#44
 2-Fluorobiphenyl
 Concen: 60.52 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF088064.D
 Acq: 16 Jun 2016 5:54

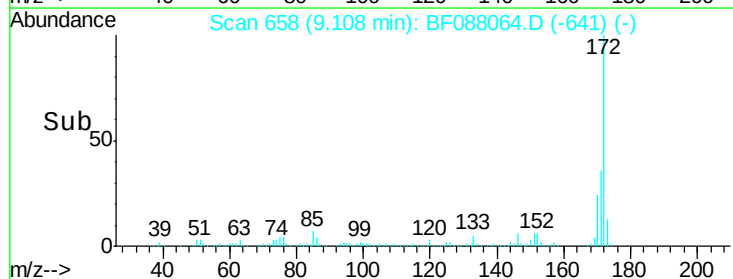
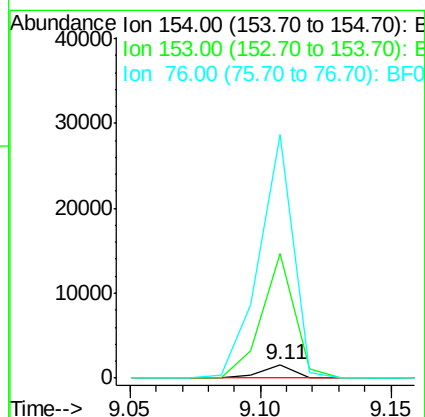
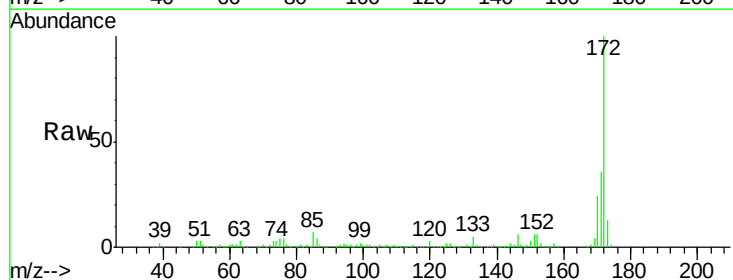
Instrument :
 BNA_F
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 SB-13-COMP

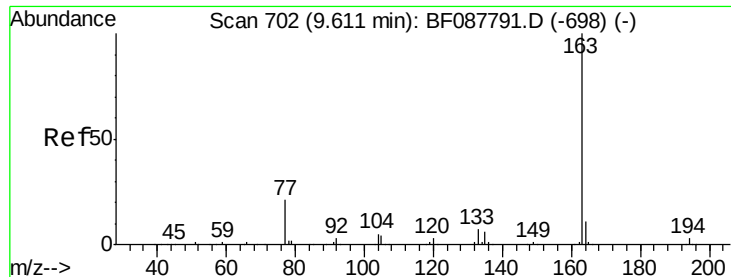
Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	24.2	19.2	28.8



#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.11 min Scan# 658
 Delta R.T. -0.10 min
 Lab File: BF088064.D
 Acq: 16 Jun 2016 5:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	921.4	20.6	60.6#
76	1798.1	0.0	35.1#





#49

Dimethylphthalate

Concen: 16.09 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF088064.D

Acq: 16 Jun 2016 5:54

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

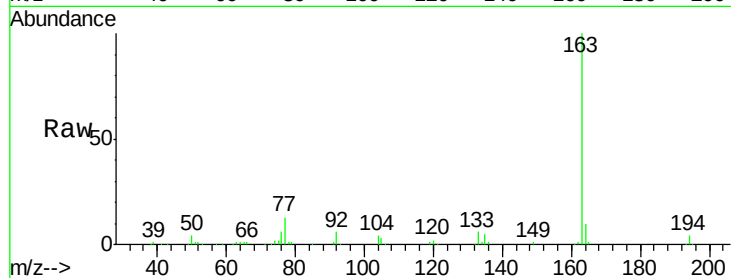
Tgt Ion:163 Resp: 212937

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

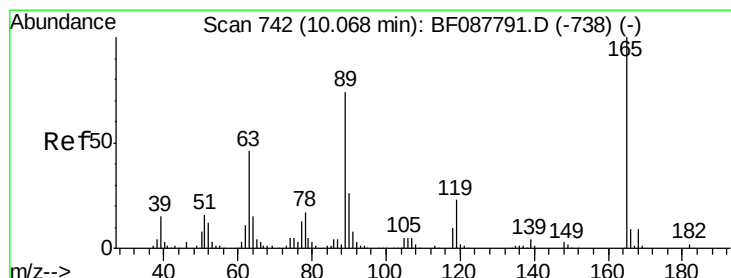
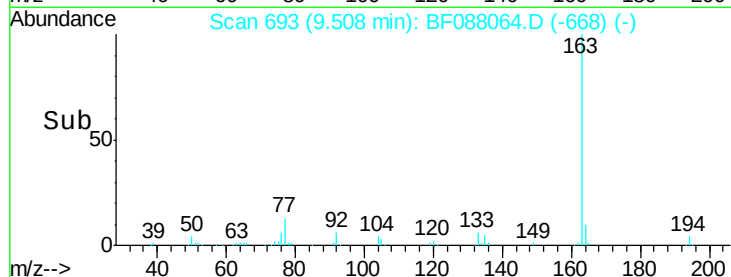
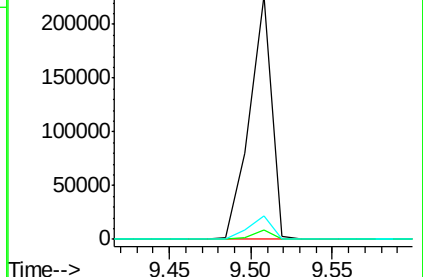
164 9.8 8.3 12.5



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: 5.85 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.21 min

Lab File: BF088064.D

Acq: 16 Jun 2016 5:54

Tgt Ion:165 Resp: 22798

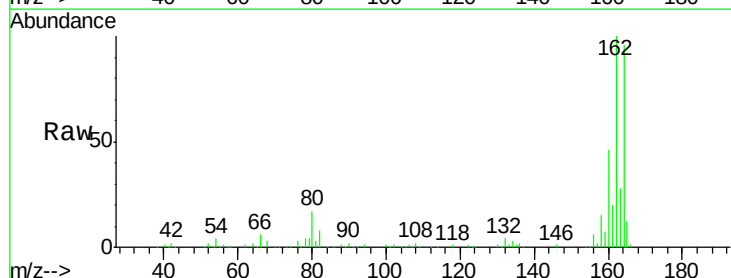
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 1.6 41.1 61.7#

182 0.0 2.0 3.0#

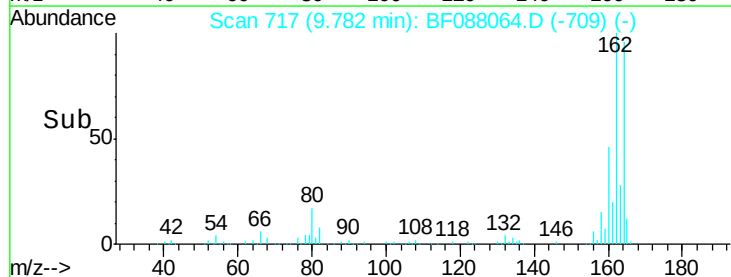
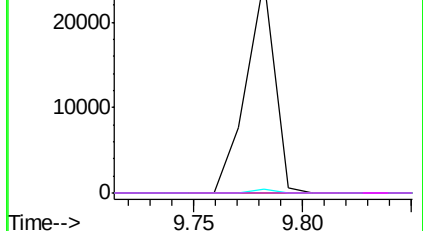


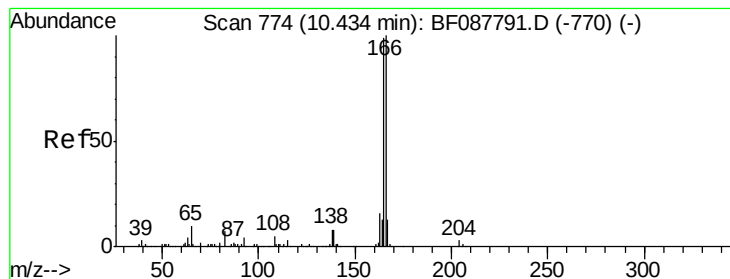
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: Below Cal

RT: 10.57 min Scan# 786

Delta R.T. 0.24 min

Lab File: BF088064.D

Acq: 16 Jun 2016 5:54

Instrument :

BNA_F

ClientSampleId :

SB-13-COMP

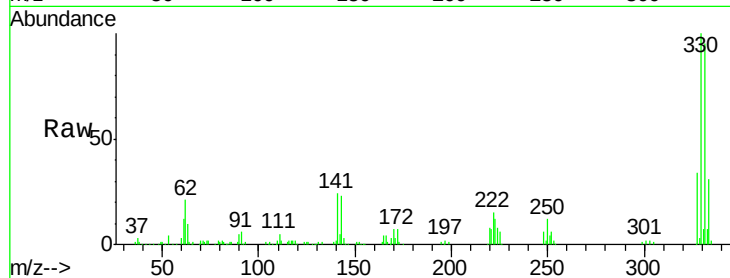
Tgt Ion:166 Resp: 7671

Ion Ratio Lower Upper

166 100

165 101.5 77.8 116.8

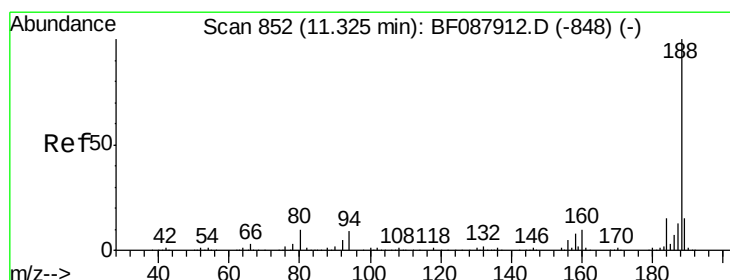
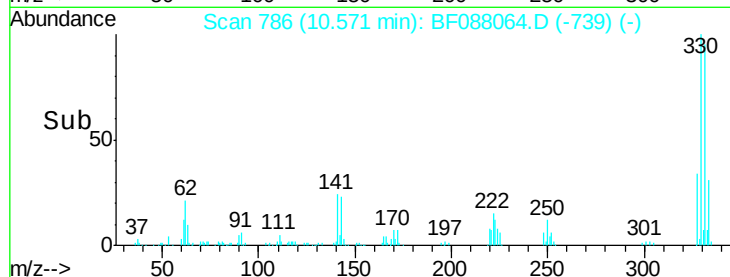
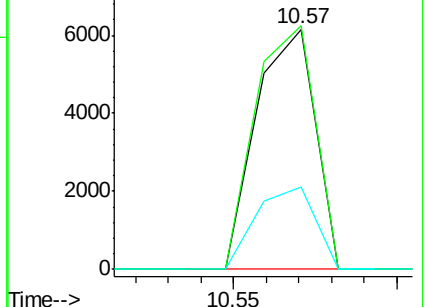
167 34.4 11.2 16.8#



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: BF088064.D

Acq: 16 Jun 2016 5:54

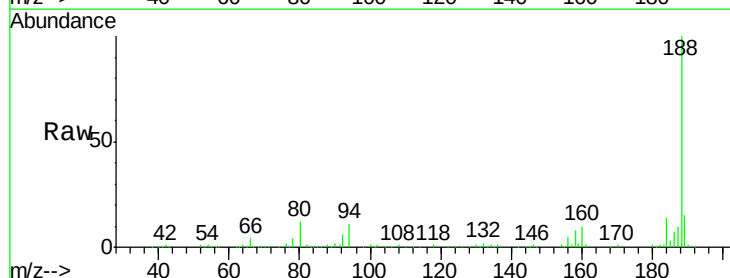
Tgt Ion:188 Resp: 277829

Ion Ratio Lower Upper

188 100

94 11.5 9.0 13.6

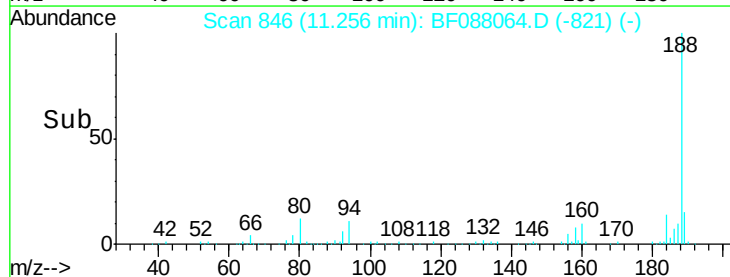
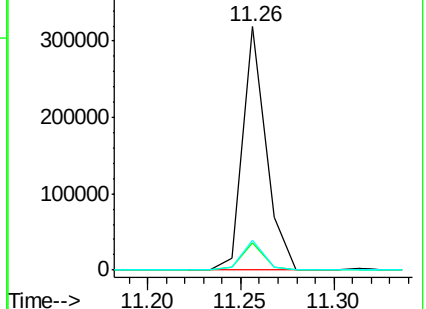
80 12.0 10.0 15.0

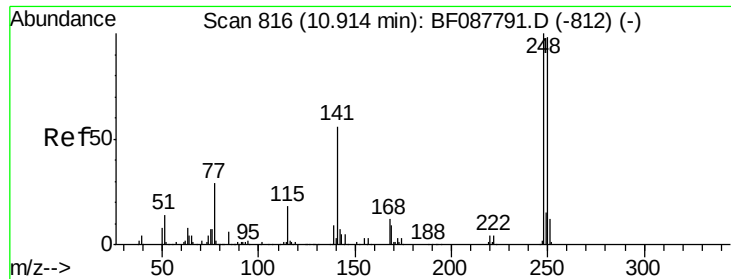


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

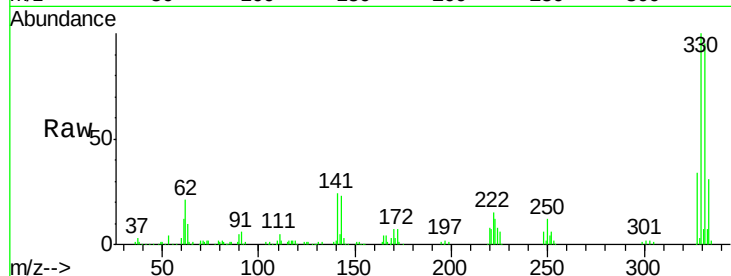




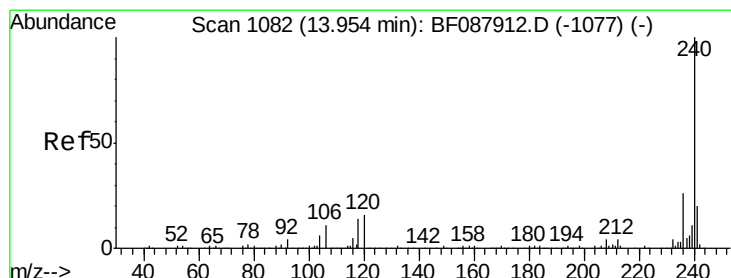
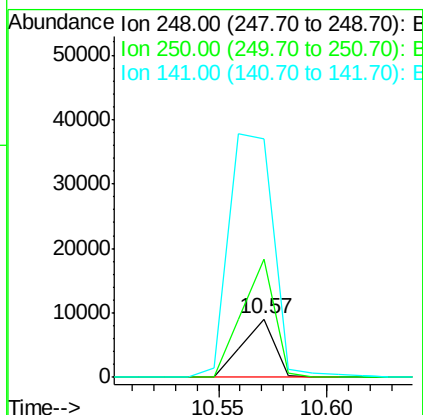
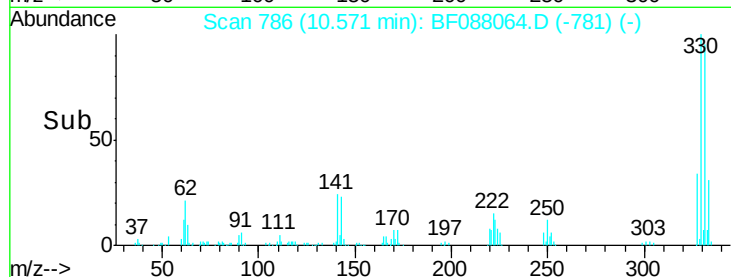
#66
4-Bromophenyl-phenylether
Concen: 3.19 ng
RT: 10.57 min Scan# 786
Delta R.T. -0.24 min
Lab File: BF088064.D
Acq: 16 Jun 2016 5:54

Instrument :
BNA_F
ClientSampleId :
SB-13-COMP

Tgt Ion:248 Resp: 9513
Ion Ratio Lower Upper
248 100
250 202.5 77.1 115.7#
141 409.9 50.6 76.0#

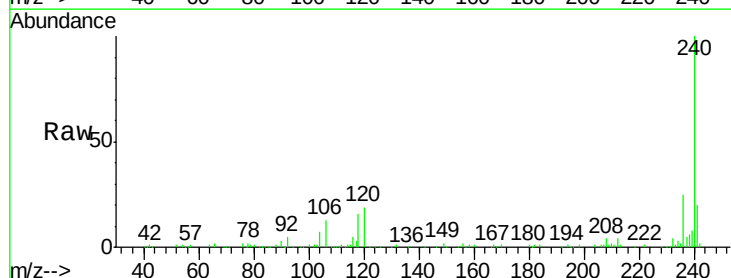


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

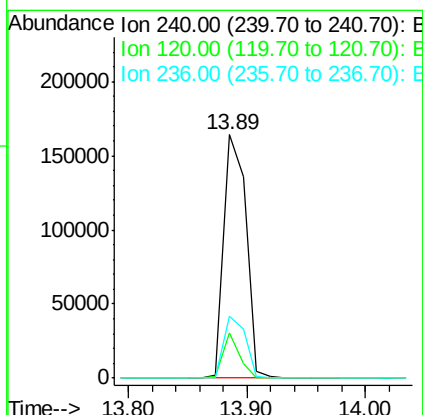
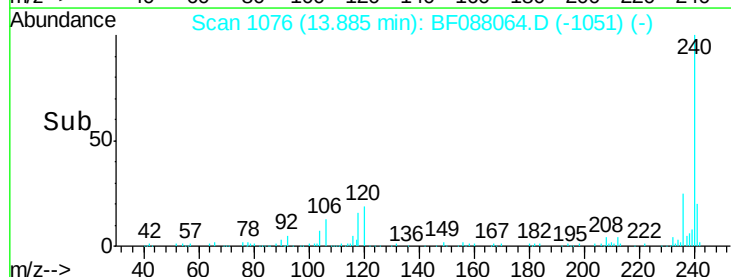


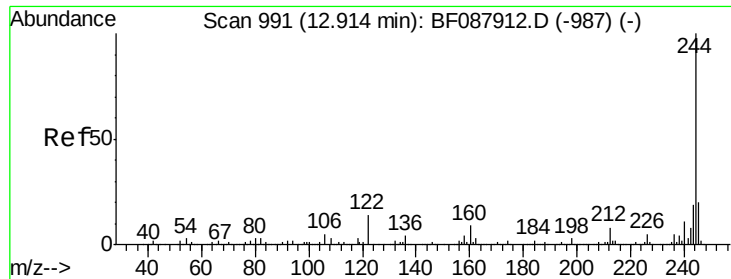
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.89 min Scan# 1076
Delta R.T. -0.01 min
Lab File: BF088064.D
Acq: 16 Jun 2016 5:54

Tgt Ion:240 Resp: 212099
Ion Ratio Lower Upper
240 100
120 18.8 6.8 10.2#
236 25.5 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

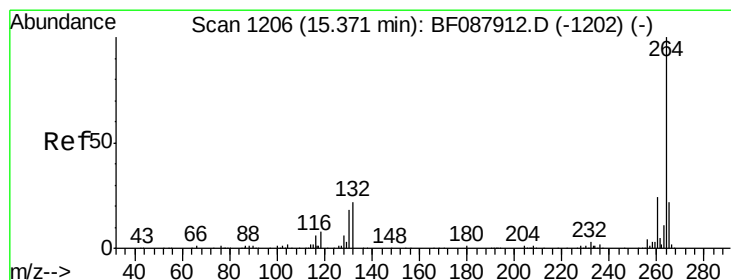
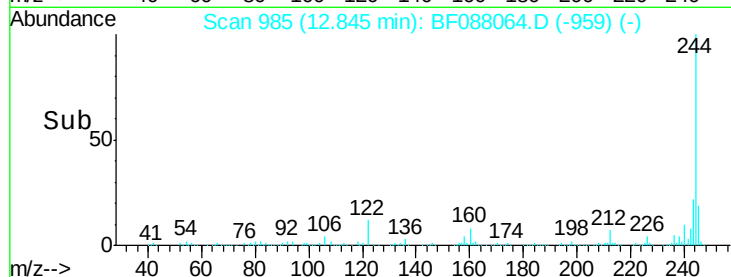
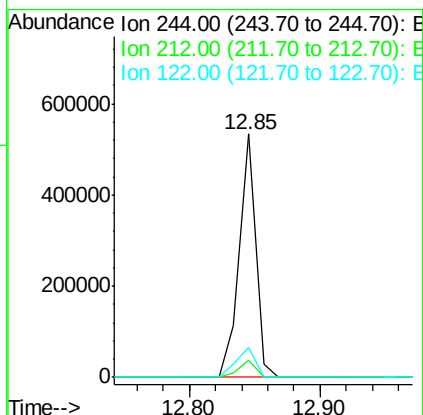
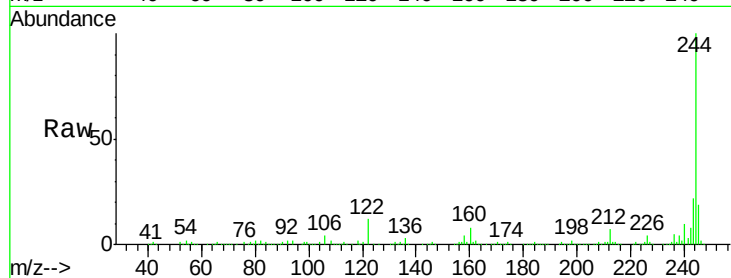




#78
 Terphenyl-d14
 Concen: 49.95 ng
 RT: 12.85 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF088064.D
 Acq: 16 Jun 2016 5:54

Instrument :
 BNA_F
 ClientSampleId :
 SB-13-COMP

Tgt Ion:244 Resp: 465603
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 12.2 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: BF088064.D
 Acq: 16 Jun 2016 5:54

Tgt Ion:264 Resp: 211567
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.3 16.9 25.3

