

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
 Data File : BF088317.D
 Acq On : 24 Jun 2016 6:08
 Operator : UM/SJ
 Sample : H3683-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Quant Time: Jun 24 06:47:35 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 01:47:17 2016
 Response via : Initial Calibration

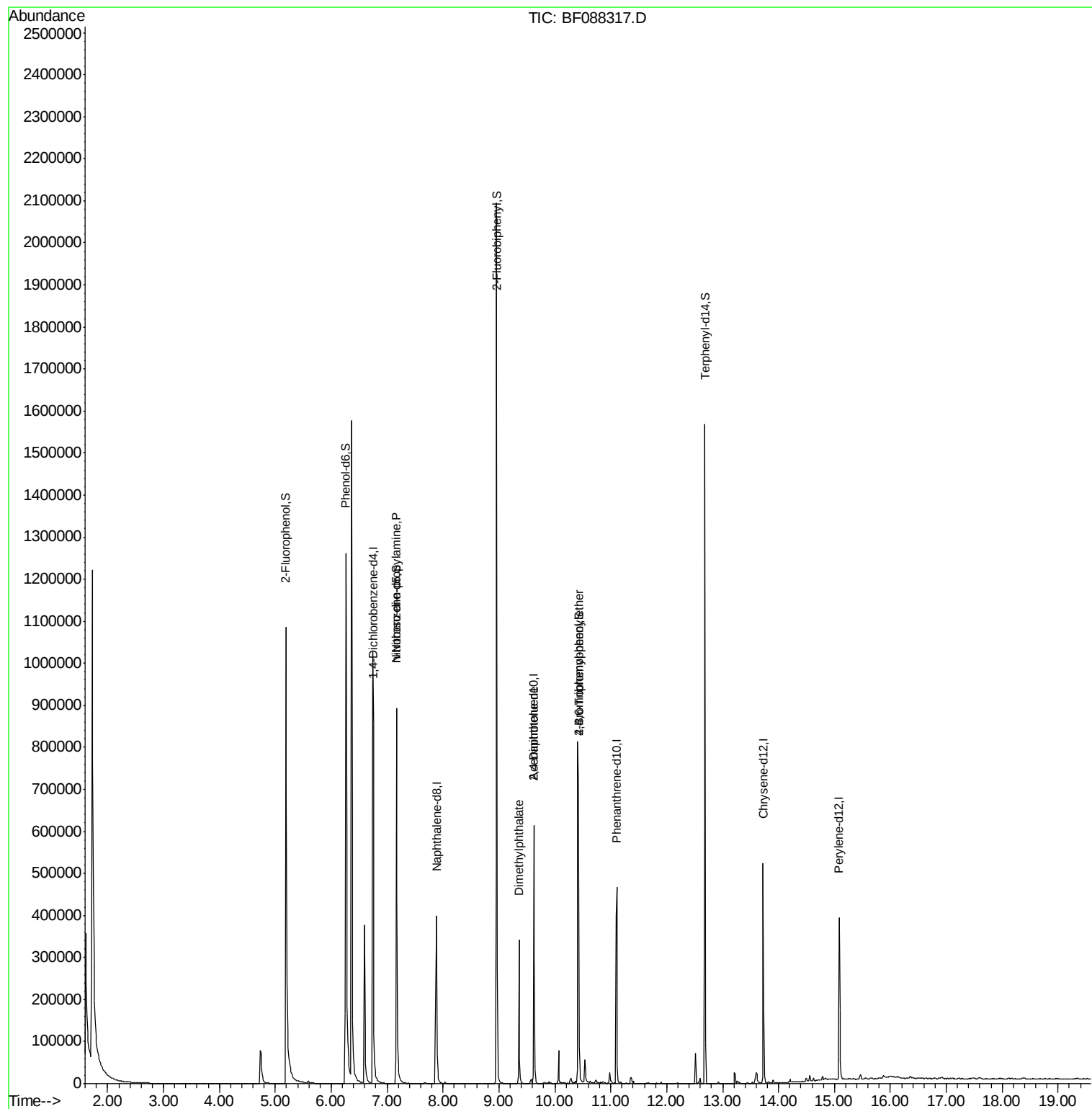
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	267217	20.00	ng	0.16
21) Naphthalene-d8	7.88	136	322718	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	149918	20.00	ng	-0.01
63) Phenanthrene-d10	11.11	188	257323	20.00	ng	0.00
75) Chrysene-d12	13.73	240	186750	20.00	ng	-0.01
86) Perylene-d12	15.09	264	163838	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	591609	37.85	ng	0.00
7) Phenol-d6	6.26	99	691865	36.52	ng	-0.02
23) Nitrobenzene-d5	7.16	82	401753	72.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	158289	99.99	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	711357	73.81	ng	-0.01
78) Terphenyl-d14	12.69	244	523661	63.81	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	1075	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.16	70	51054	4.21 ng	#	72
45) 1,1'-Biphenyl	8.96	154	1307	Below Cal	#	1
49) Dimethylphthalate	9.36	163	155117	14.28 ng		99
56) 2,4-Dinitrotoluene	9.62	165	18967	5.93 ng	#	36
57) Fluorene	10.41	166	6769	Below Cal	#	89
66) 4-Bromophenyl-phenylether	10.42	248	9941	3.60 ng	#	1

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

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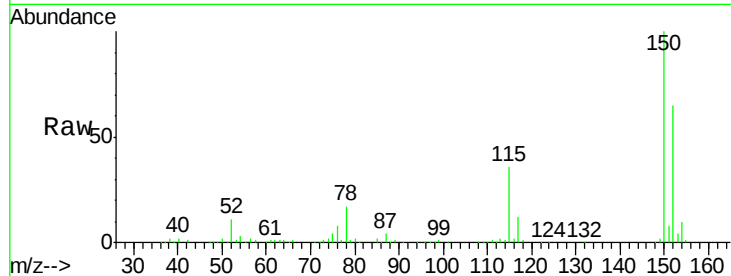




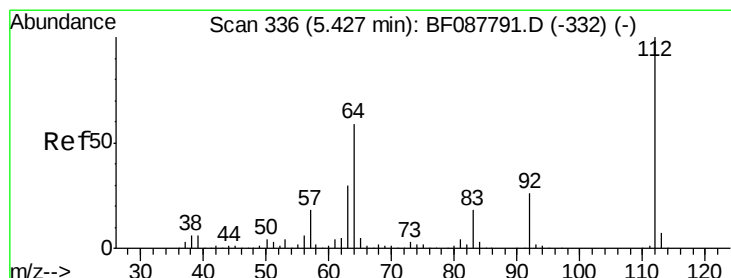
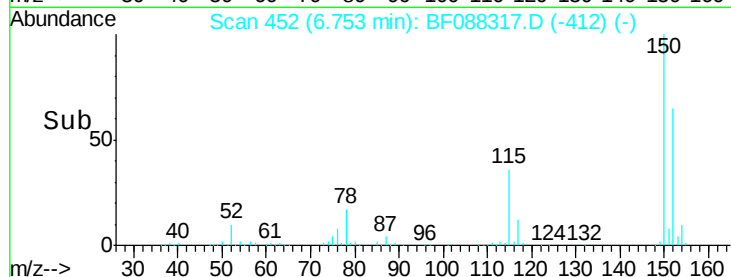
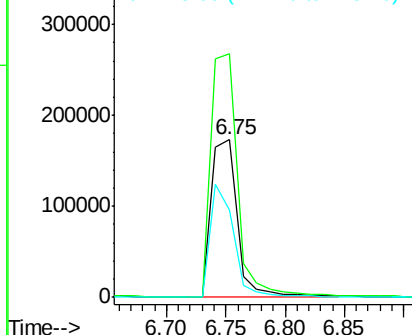
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.75 min Scan# 452
 Delta R.T. 0.16 min
 Lab File: BF088317.D
 Acq: 24 Jun 2016 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tgt Ion:152 Resp: 267217
 Ion Ratio Lower Upper
 152 100
 150 154.7 123.8 185.6
 115 55.8 39.6 59.4

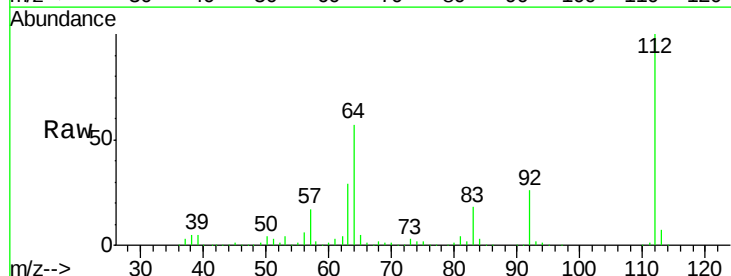


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

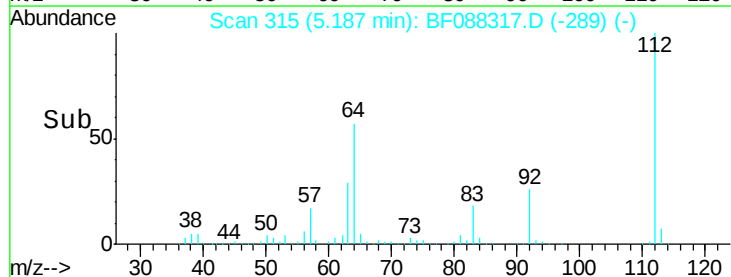
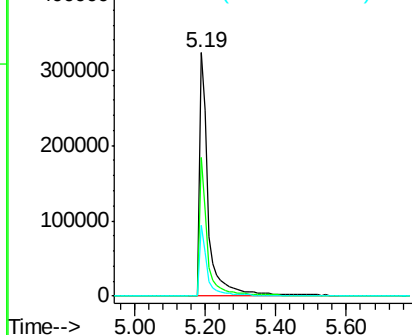


#5
 2-Fluorophenol
 Concen: 37.85 ng
 RT: 5.19 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: BF088317.D
 Acq: 24 Jun 2016 6:08

Tgt Ion:112 Resp: 591609
 Ion Ratio Lower Upper
 112 100
 64 57.1 42.2 63.2
 63 29.3 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: 36.52 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF088317.D

Acq: 24 Jun 2016 6:08

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

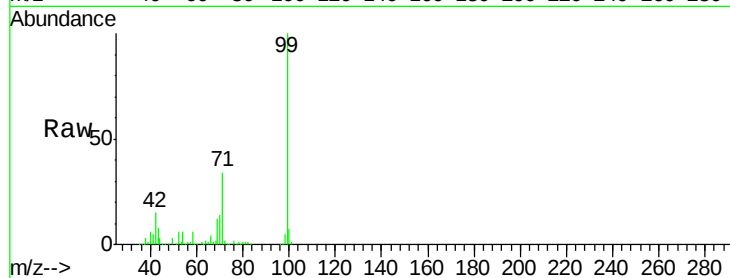
Tgt Ion: 99 Resp: 691865

Ion Ratio Lower Upper

99 100

42 15.5 12.2 18.2

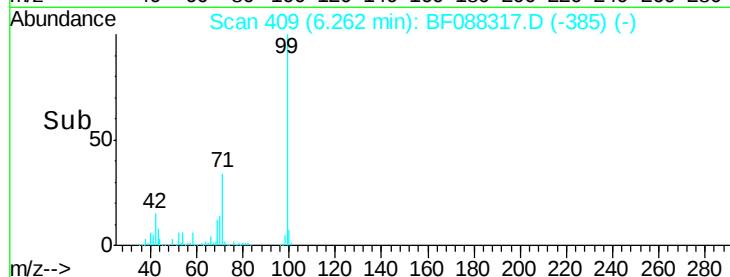
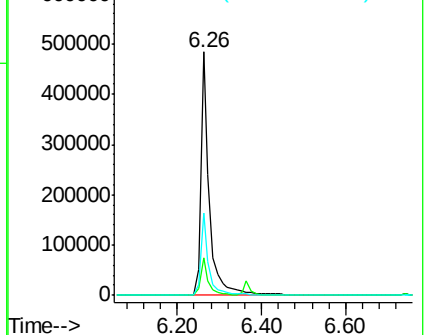
71 34.0 23.4 35.0



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



#10

Phenol

Concen: Below Cal

RT: 6.36 min Scan# 418

Delta R.T. 0.07 min

Lab File: BF088317.D

Acq: 24 Jun 2016 6:08

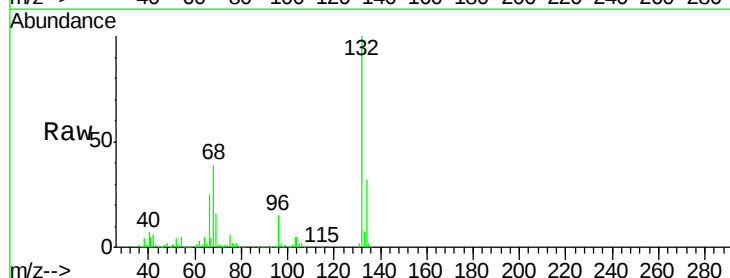
Tgt Ion: 94 Resp: 1075

Ion Ratio Lower Upper

94 100

65 829.1 5.9 45.9#

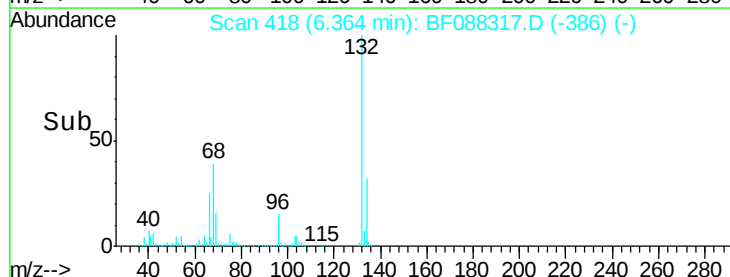
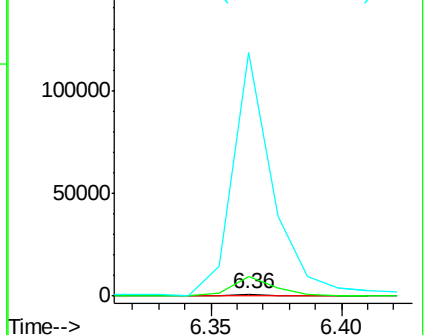
66 10564.9 14.0 54.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

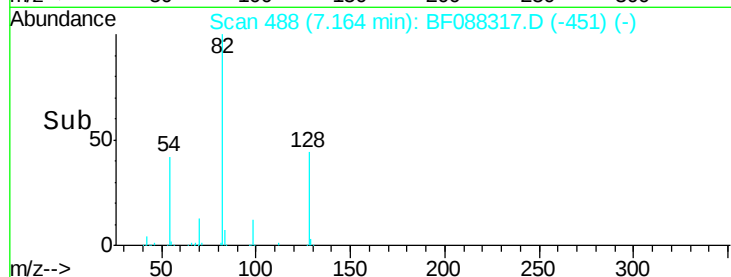
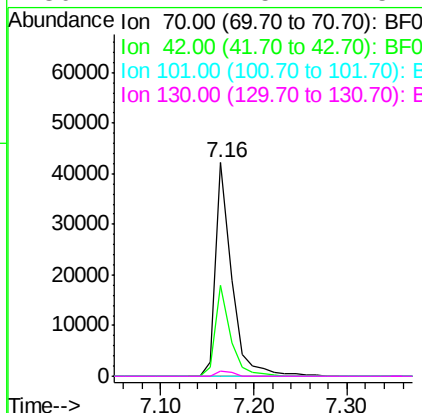
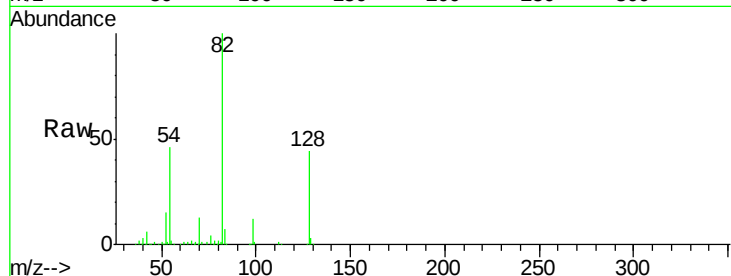




#19
n-Nitroso-di-n-propylamine
Concen: 4.21 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.13 min
Lab File: BF088317.D
Acq: 24 Jun 2016 6:08

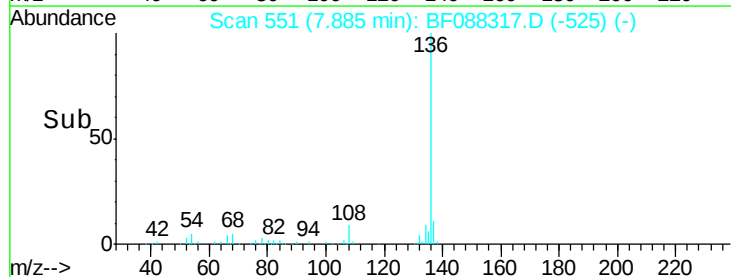
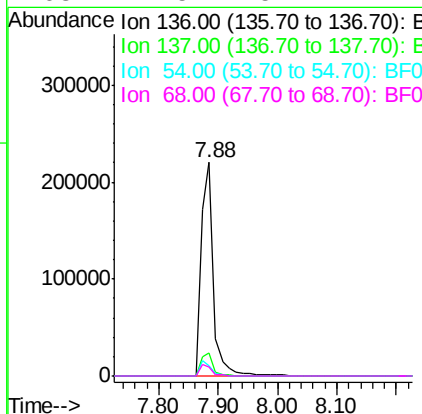
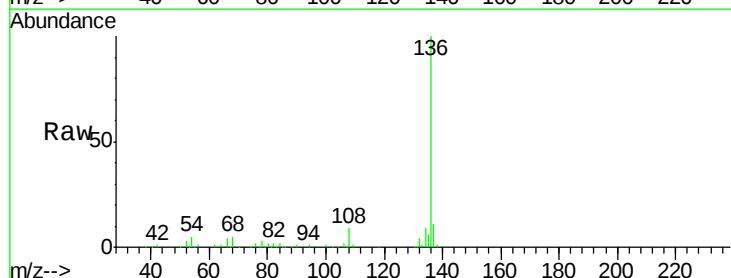
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tgt Ion: 70 Resp: 51054
Ion Ratio Lower Upper
70 100
42 42.5 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: 7.88 min Scan# 551
Delta R.T. -0.00 min
Lab File: BF088317.D
Acq: 24 Jun 2016 6:08

Tgt Ion: 136 Resp: 322718
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 5.0 6.6 10.0#
68 4.5 5.1 7.7#

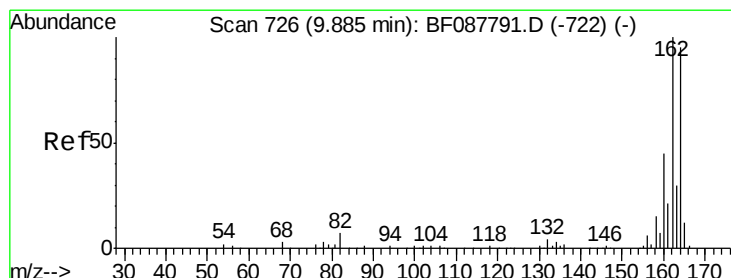
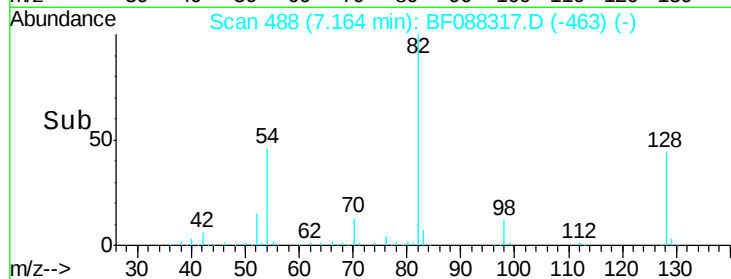
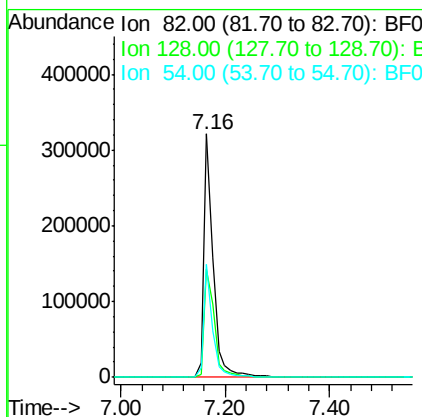
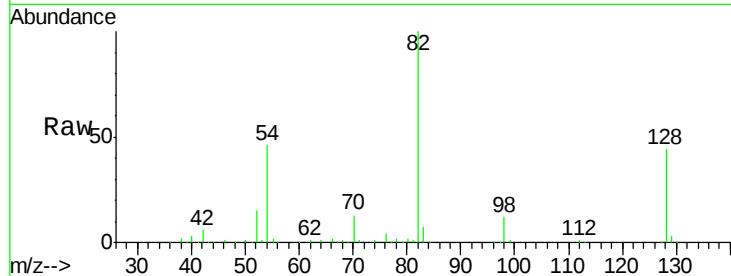




#23
 Nitrobenzene-d5
 Concen: 72.70 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF088317.D
 Acq: 24 Jun 2016 6:08

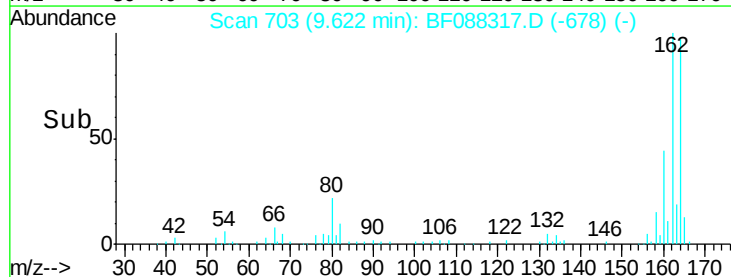
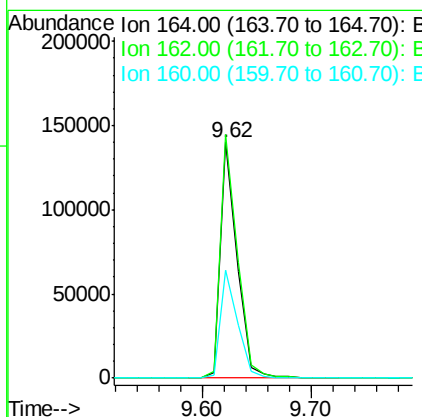
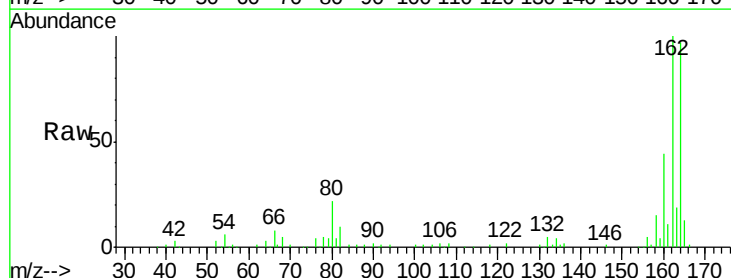
Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tgt Ion: 82 Resp: 401753
 Ion Ratio Lower Upper
 82 100
 128 44.4 35.9 53.9
 54 46.4 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF088317.D
 Acq: 24 Jun 2016 6:08

Tgt Ion: 164 Resp: 149918
 Ion Ratio Lower Upper
 164 100
 162 103.3 85.4 128.2
 160 45.7 39.5 59.3

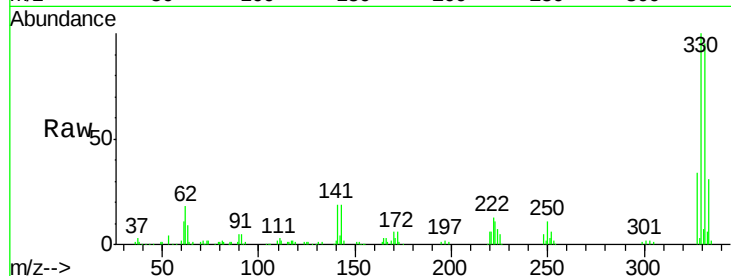




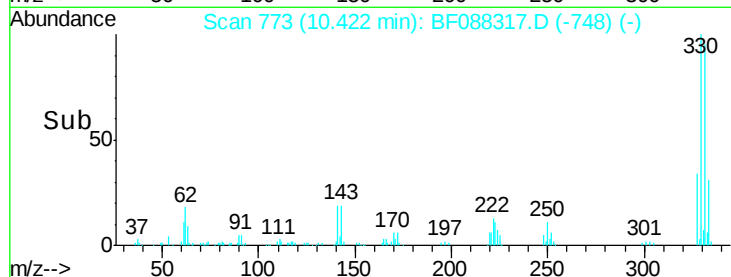
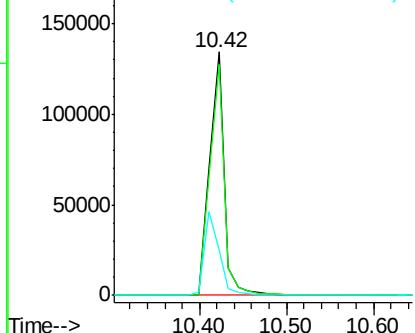
#41
 2,4,6-Tribromophenol
 Concen: 99.99 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF088317.D
 Acq: 24 Jun 2016 6:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-03-COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.4	0.0	0.0#
141	34.5	0.0	0.0#

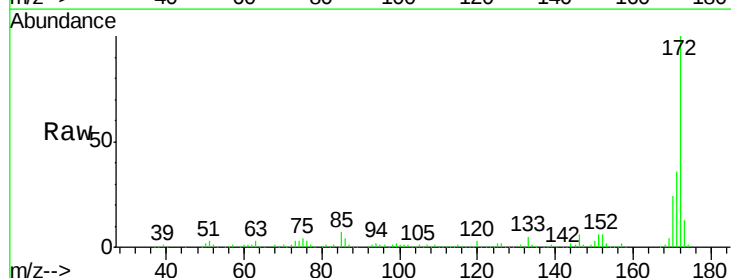


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

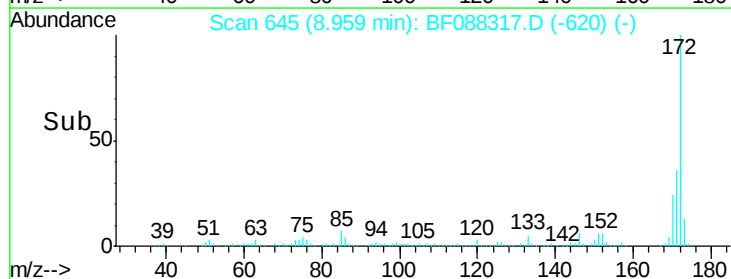
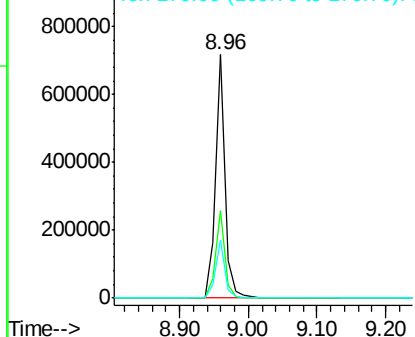


#44
 2-Fluorobiphenyl
 Concen: 73.81 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF088317.D
 Acq: 24 Jun 2016 6:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	43.0
170	24.0	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





#45

1,1'-Biphenyl

Concen: Below Cal

RT: 8.96 min Scan# 645

Delta R.T. -0.10 min

Lab File: BF088317.D

Acq: 24 Jun 2016 6:08

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

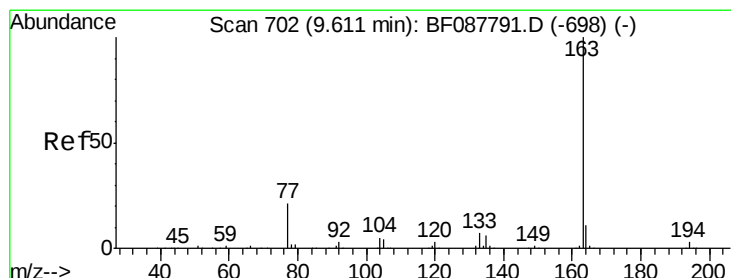
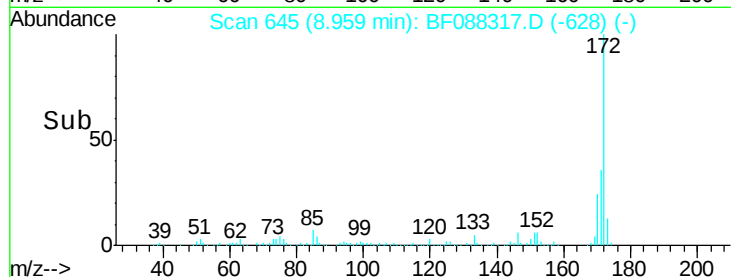
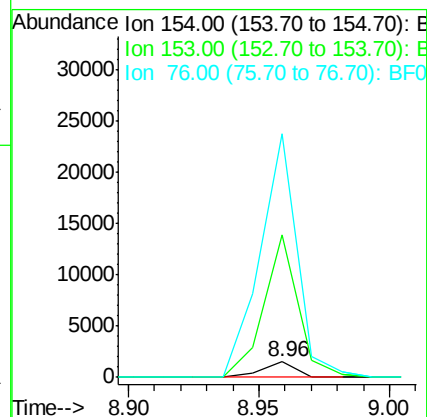
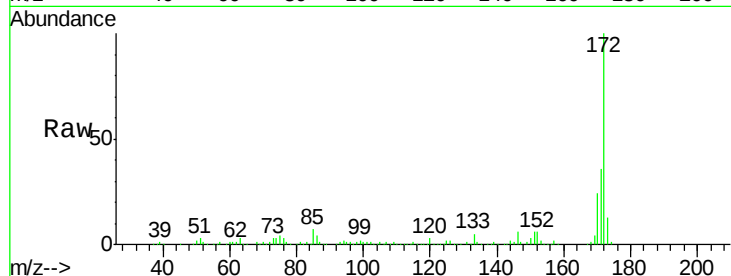
Tgt Ion:154 Resp: 1307

Ion Ratio Lower Upper

154 100

153 920.8 20.6 60.6#

76 1574.1 0.0 35.1#



#49

Dimethylphthalate

Concen: 14.28 ng

RT: 9.36 min Scan# 680

Delta R.T. -0.02 min

Lab File: BF088317.D

Acq: 24 Jun 2016 6:08

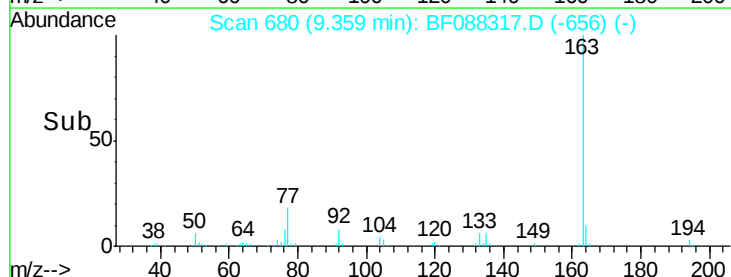
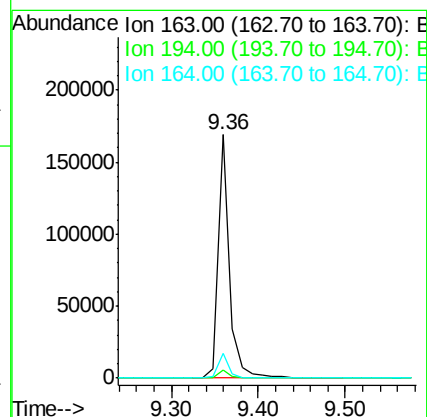
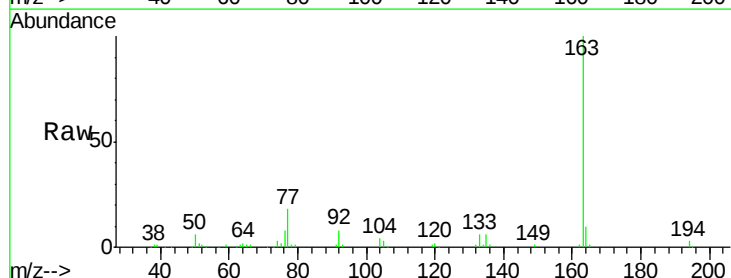
Tgt Ion:163 Resp: 155117

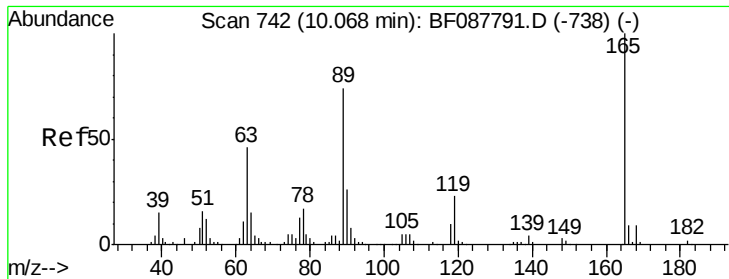
Ion Ratio Lower Upper

163 100

194 3.2 2.8 4.2

164 10.1 8.3 12.5

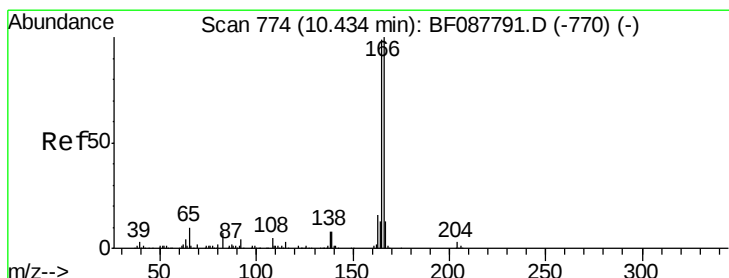
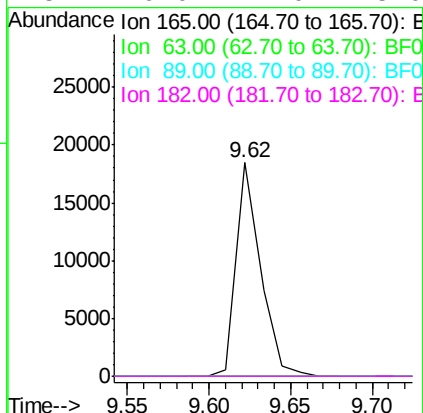
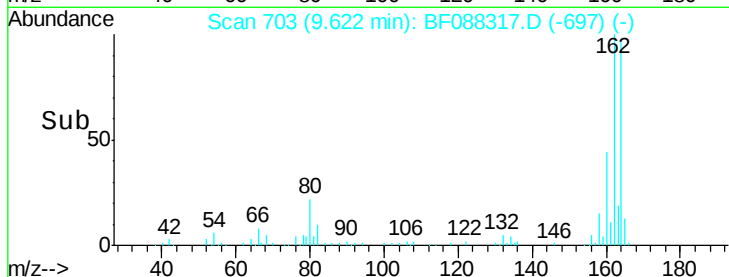
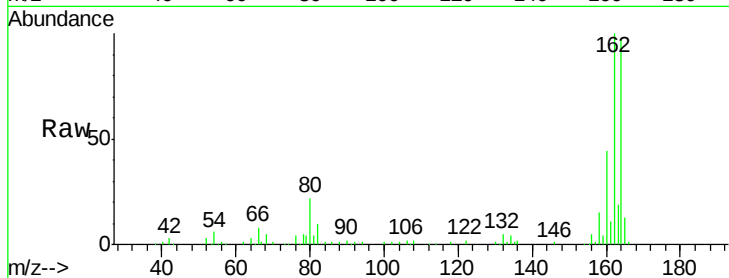




#56
2,4-Dinitrotoluene
Concen: 5.93 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.23 min
Lab File: BF088317.D
Acq: 24 Jun 2016 6:08

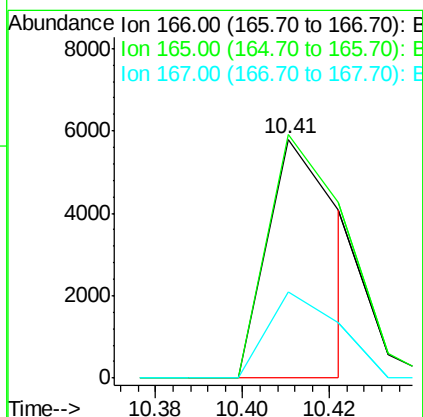
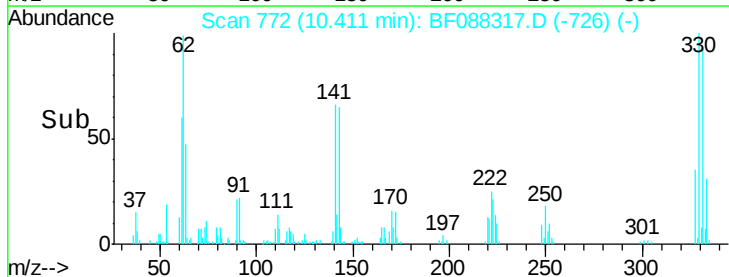
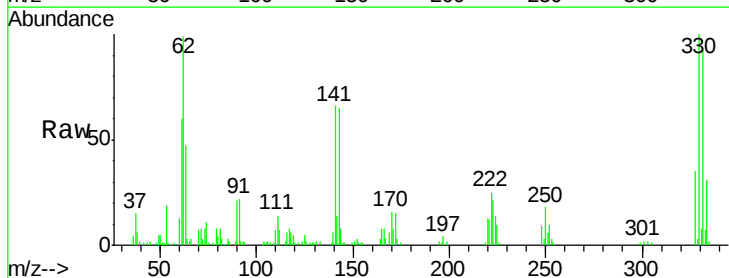
Instrument :
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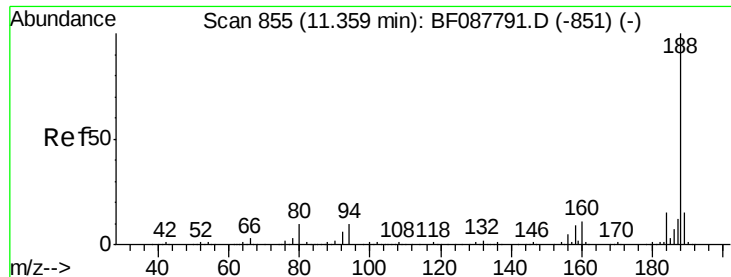
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#



#57
Fluorene
Concen: Below Cal
RT: 10.41 min Scan# 772
Delta R.T. 0.23 min
Lab File: BF088317.D
Acq: 24 Jun 2016 6:08

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.0	77.8	116.8
167	36.2	11.2	16.8#

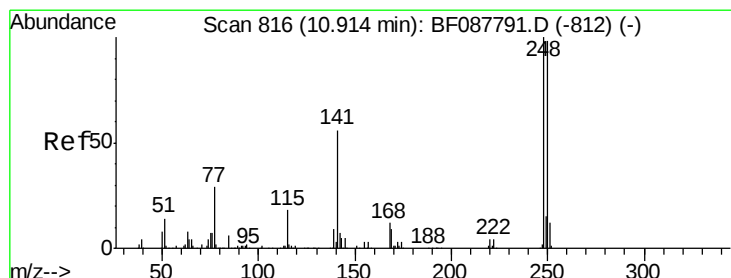
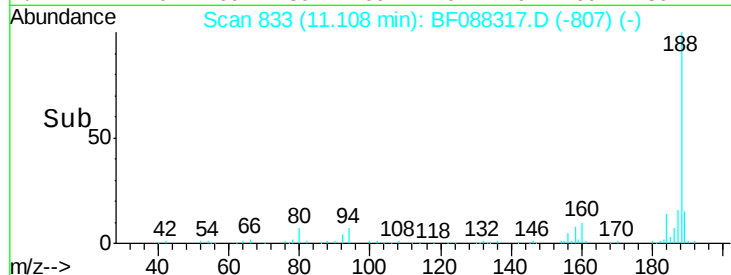
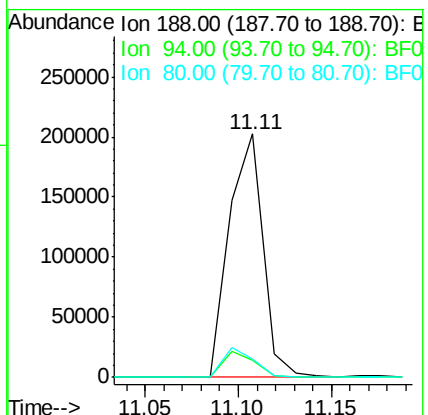
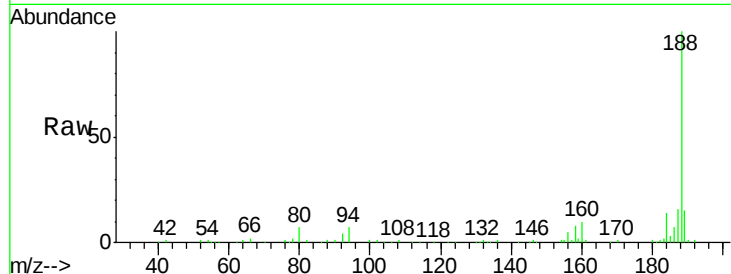




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.00 min
Lab File: BF088317.D
Acq: 24 Jun 2016 6:08

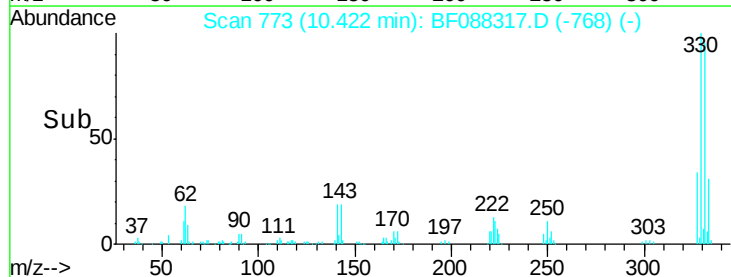
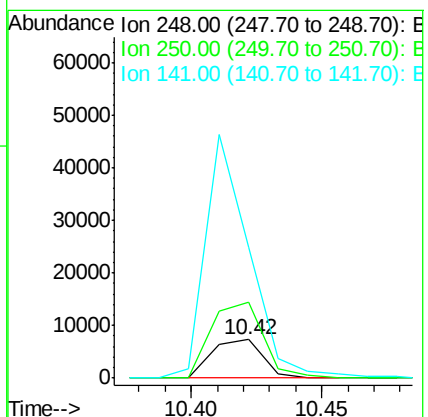
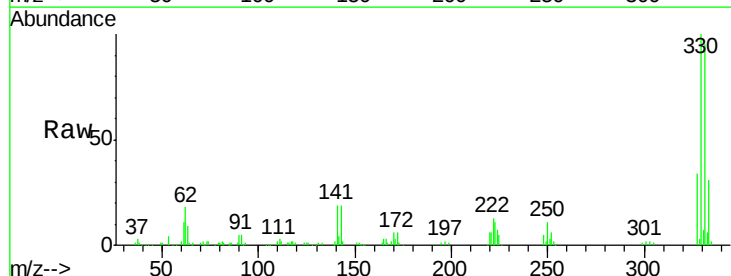
Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

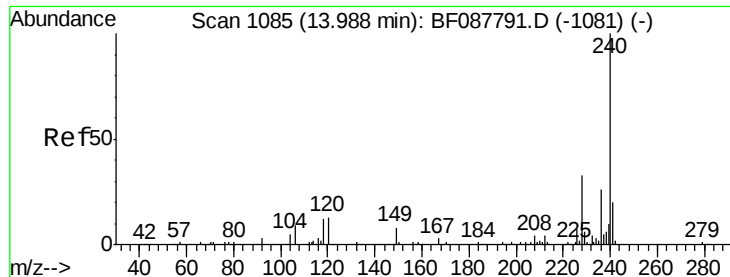
Tgt Ion:188 Resp: 257323
Ion Ratio Lower Upper
188 100
94 7.2 9.0 13.6#
80 7.3 10.0 15.0#



#66
4-Bromophenyl-phenylether
Concen: 3.60 ng
RT: 10.42 min Scan# 773
Delta R.T. -0.24 min
Lab File: BF088317.D
Acq: 24 Jun 2016 6:08

Tgt Ion:248 Resp: 9941
Ion Ratio Lower Upper
248 100
250 196.1 77.1 115.7#
141 338.5 50.6 76.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.73 min Scan# 1062

Delta R.T. -0.01 min

Lab File: BF088317.D

Acq: 24 Jun 2016 6:08

Instrument :

BNA_F

ClientSampleId :

SB-03-COMP

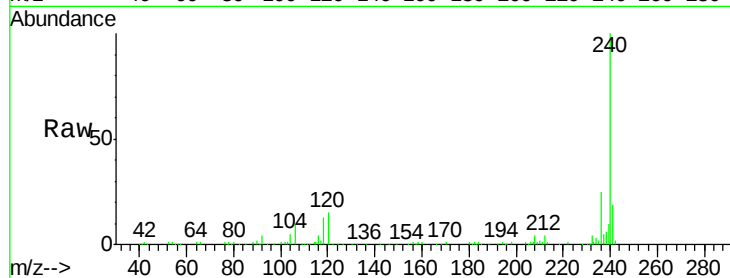
Tgt Ion:240 Resp: 186750

Ion Ratio Lower Upper

240 100

120 14.8 6.8 10.2#

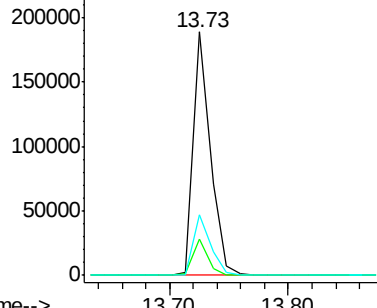
236 24.8 20.2 30.2



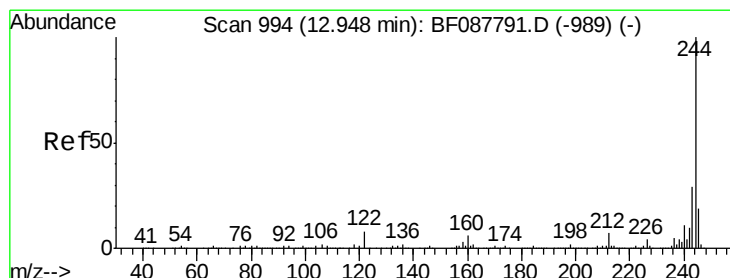
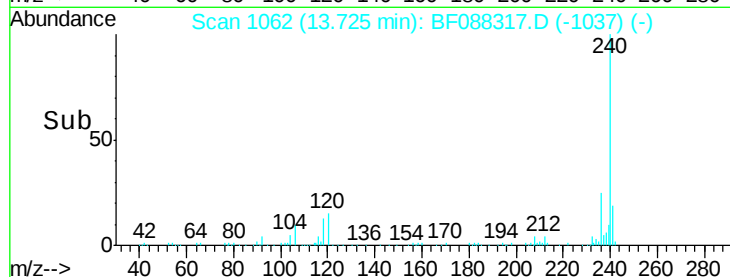
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 63.81 ng

RT: 12.69 min Scan# 971

Delta R.T. -0.01 min

Lab File: BF088317.D

Acq: 24 Jun 2016 6:08

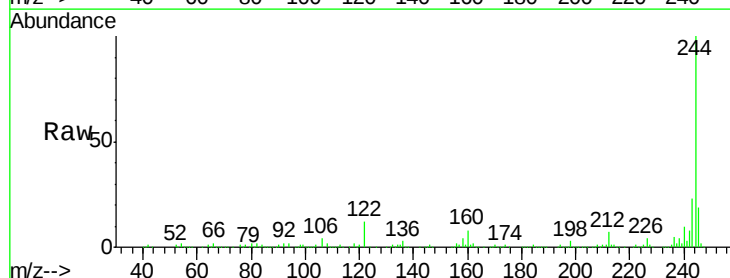
Tgt Ion:244 Resp: 523661

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

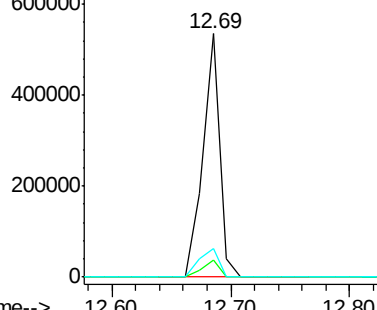
122 11.9 11.2 16.8



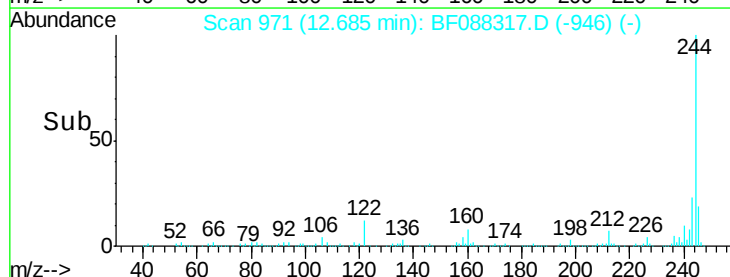
Abundance Ion 244.00 (243.70 to 244.70): E

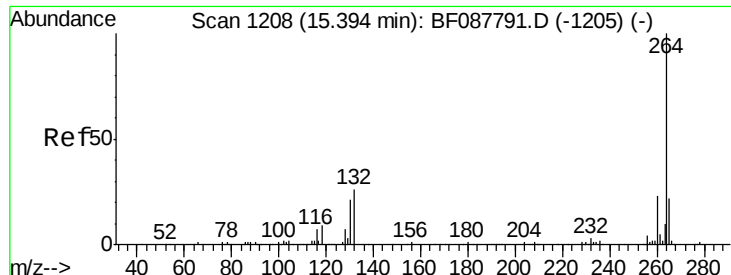
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->

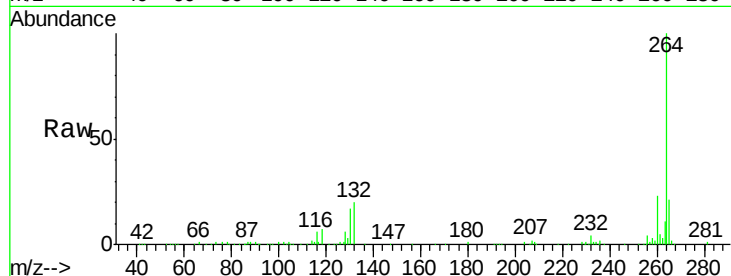




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.09 min Scan# 1181
Delta R.T. -0.01 min
Lab File: BF088317.D
Acq: 24 Jun 2016 6:08

Instrument :
BNA_F
ClientSampleId :
SB-03-COMP

Tgt Ion: 264 Resp: 163838
Ion Ratio Lower Upper
264 100
260 23.3 19.2 28.8
265 21.4 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

