

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071516\
 Data File : BF089042.D
 Acq On : 16 Jul 2016 5:33
 Operator : UM/SJ
 Sample : H4048-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Quant Time: Jul 16 05:57:21 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

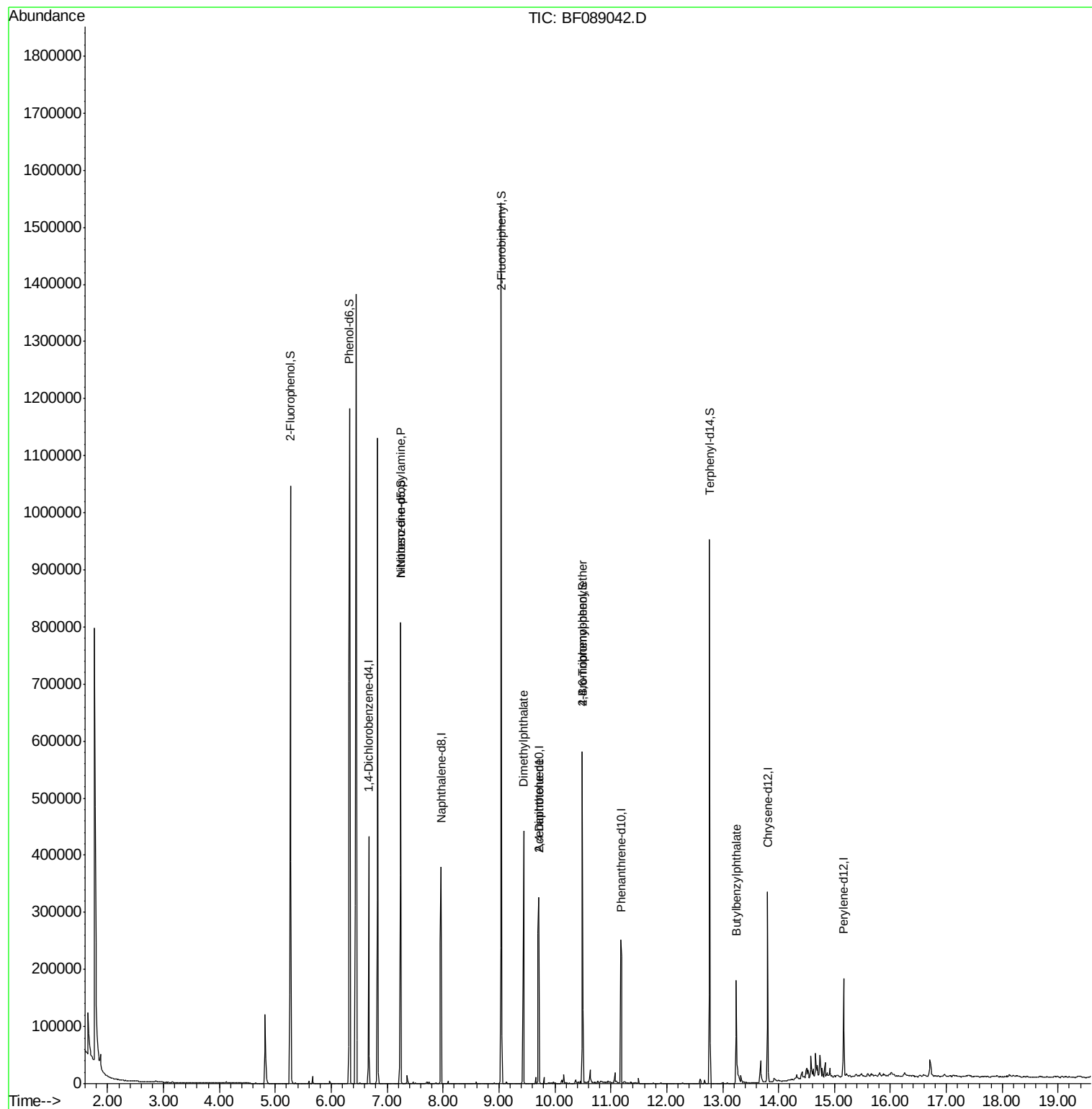
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	57958	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	219080	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	87435	20.00	ng	-0.03
63) Phenanthrene-d10	11.19	188	132380	20.00	ng	-0.03
75) Chrysene-d12	13.81	240	103401	20.00	ng	-0.05
86) Perylene-d12	15.17	264	70006	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	318062	82.25	ng	-0.02
7) Phenol-d6	6.33	99	479490	95.96	ng	-0.02
23) Nitrobenzene-d5	7.24	82	294151	70.36	ng	-0.03
41) 2,4,6-Tribromophenol	10.49	330	53211	65.54	ng	-0.05
44) 2-Fluorobiphenyl	9.04	172	416071	75.17	ng	-0.03
78) Terphenyl-d14	12.77	244	251707	54.22	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	39944	11.90	ng	# 71
49) Dimethylphthalate	9.44	163	199409	32.01	ng	99
56) 2,4-Dinitrotoluene	9.71	165	10876	6.03	ng	# 36
66) 4-Bromophenyl-phenylether	10.49	248	4167	3.12	ng	# 1
79) Butylbenzylphthalate	13.25	149	40645	10.39	ng	98

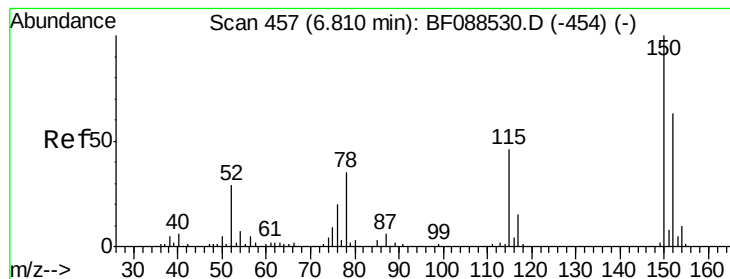
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 445

Delta R.T. -0.03 min

Lab File: BF089042.D

Acq: 16 Jul 2016 5:33

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

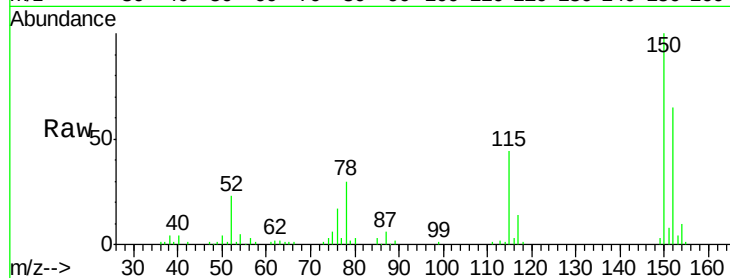
Tgt Ion:152 Resp: 57958

Ion Ratio Lower Upper

152 100

150 155.0 123.8 185.6

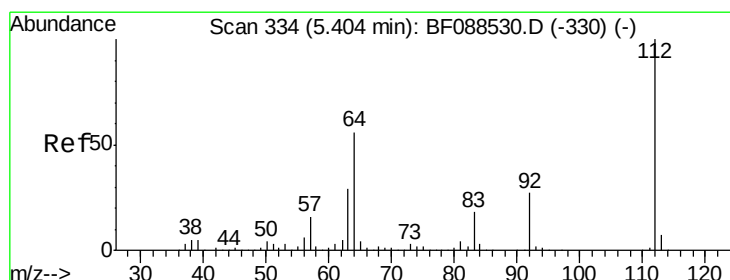
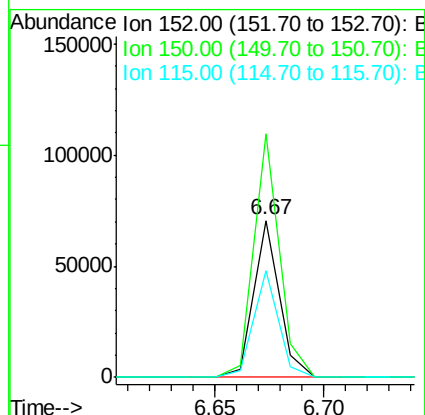
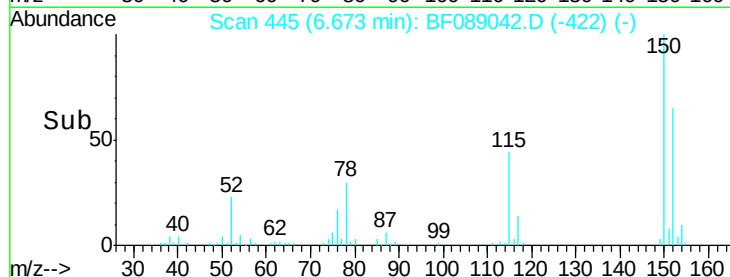
115 68.1 39.6 59.4#



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: 82.25 ng

RT: 5.27 min Scan# 322

Delta R.T. -0.02 min

Lab File: BF089042.D

Acq: 16 Jul 2016 5:33

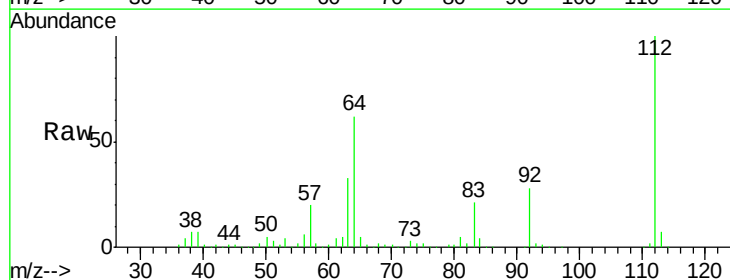
Tgt Ion:112 Resp: 318062

Ion Ratio Lower Upper

112 100

64 62.2 42.2 63.2

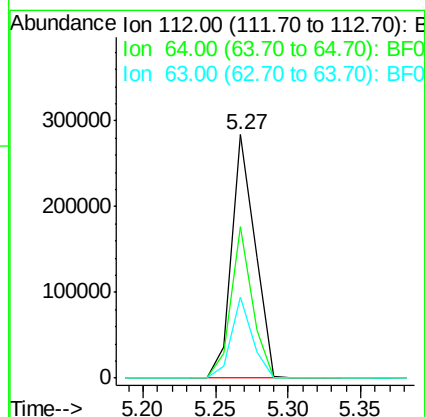
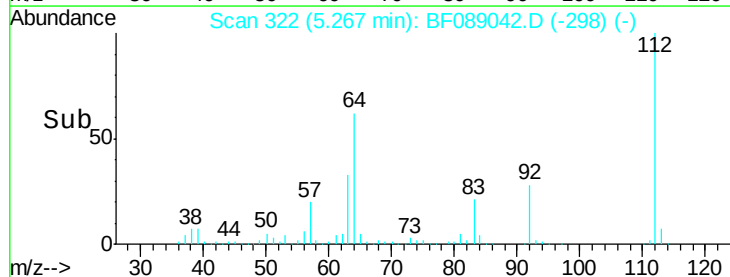
63 33.5 21.8 32.8#

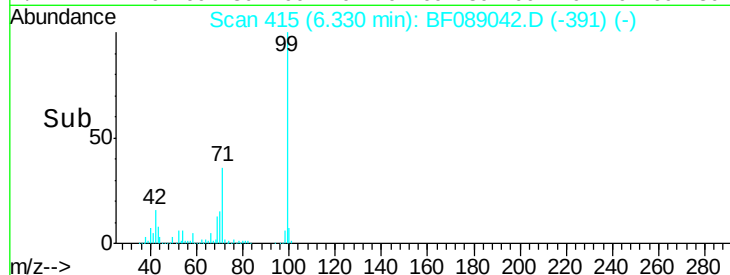
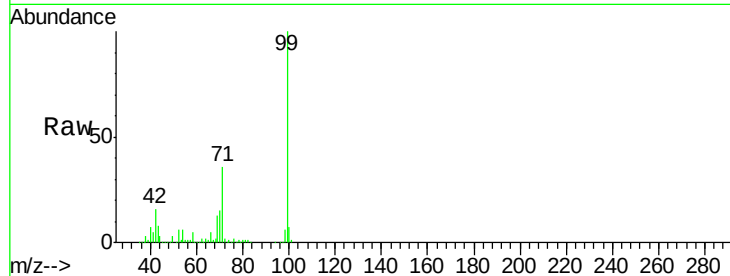
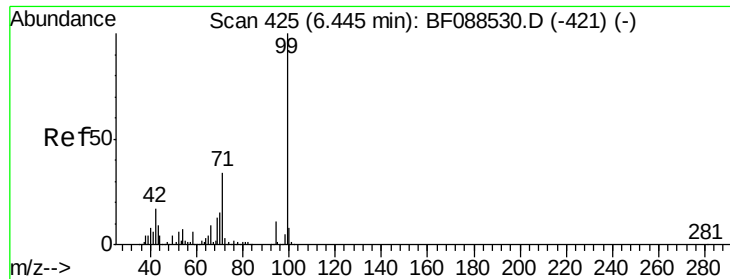


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.96 ng

RT: 6.33 min Scan# 415

Delta R.T. -0.02 min

Lab File: BF089042.D

Acq: 16 Jul 2016 5:33

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

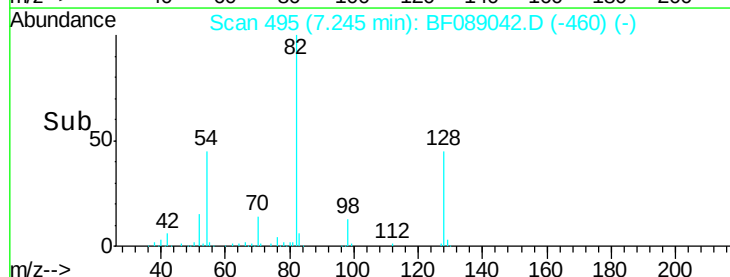
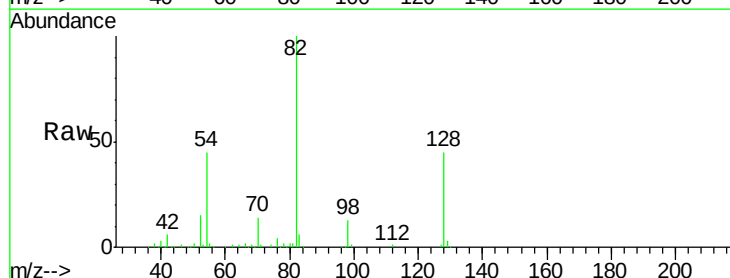
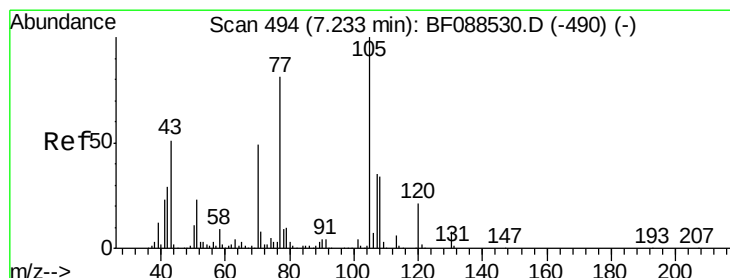
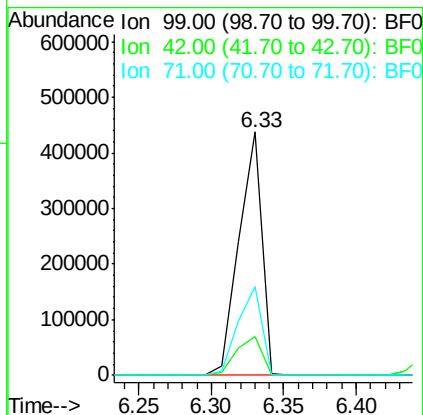
Tgt Ion: 99 Resp: 479490

Ion Ratio Lower Upper

99 100

42 16.0 12.2 18.2

71 36.4 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 11.90 ng

RT: 7.24 min Scan# 495

Delta R.T. 0.10 min

Lab File: BF089042.D

Acq: 16 Jul 2016 5:33

Tgt Ion: 70 Resp: 39944

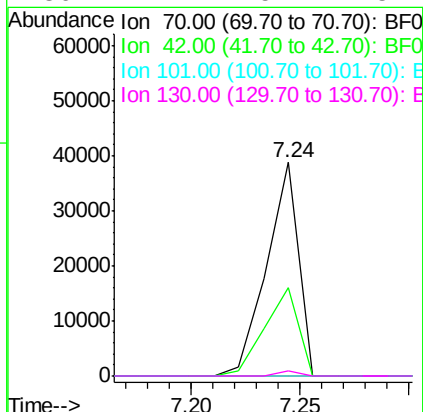
Ion Ratio Lower Upper

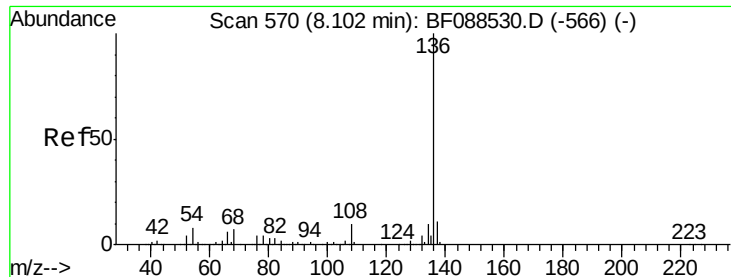
70 100

42 41.3 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: 7.96 min Scan# 558

Delta R.T. -0.03 min

Lab File: BF089042.D

Acq: 16 Jul 2016 5:33

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

Tgt Ion: 136 Resp: 219080

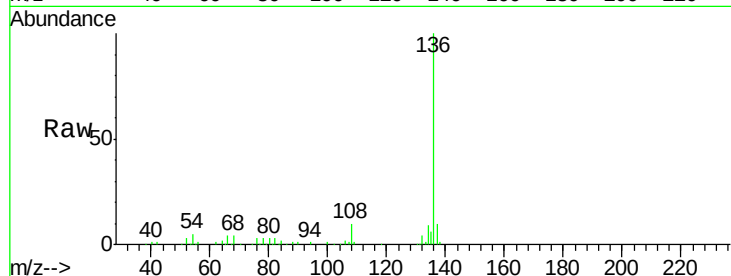
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 5.1 6.6 10.0#

68 4.2 5.1 7.7#

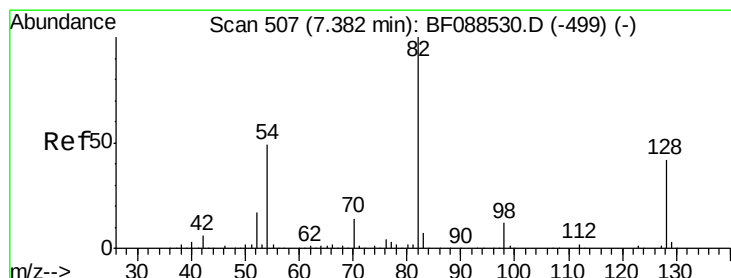
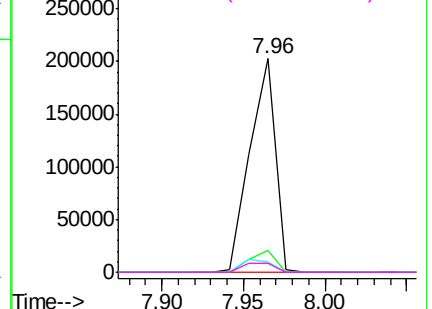
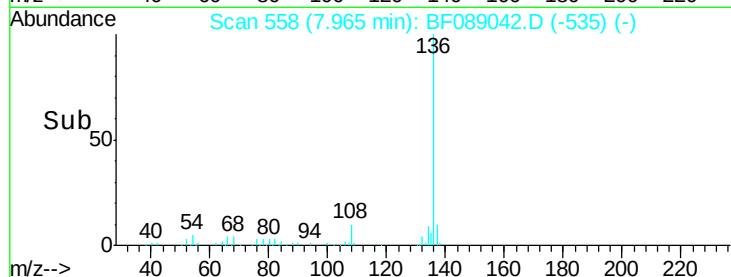


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.36 ng

RT: 7.24 min Scan# 495

Delta R.T. -0.03 min

Lab File: BF089042.D

Acq: 16 Jul 2016 5:33

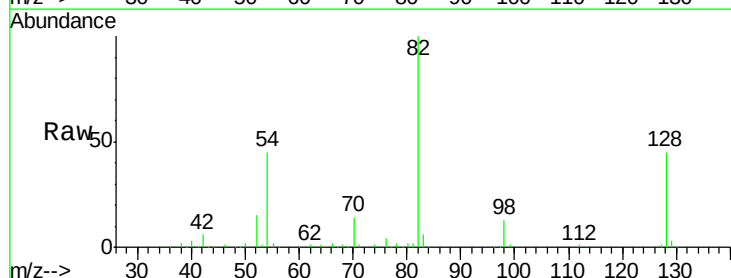
Tgt Ion: 82 Resp: 294151

Ion Ratio Lower Upper

82 100

128 44.8 35.9 53.9

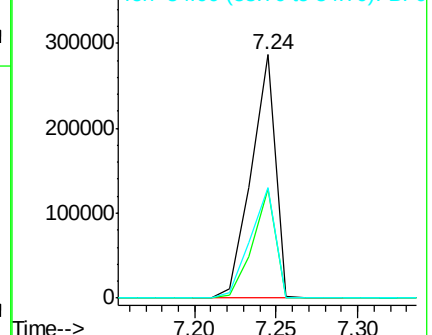
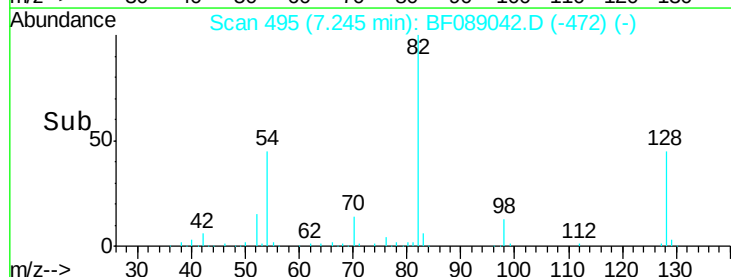
54 45.4 40.9 61.3

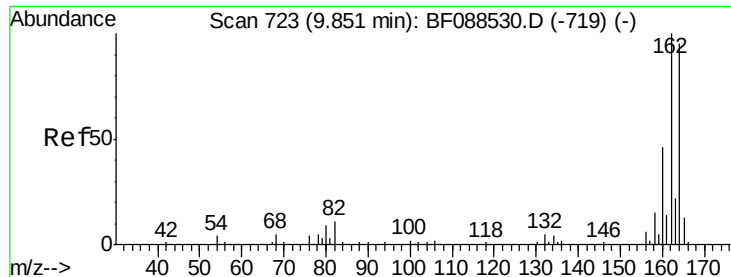


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

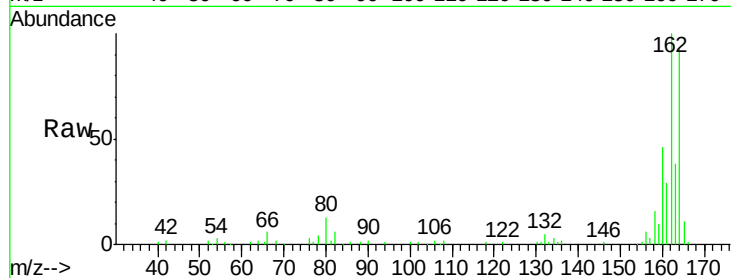




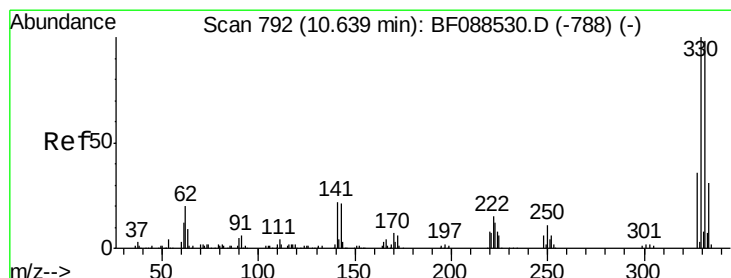
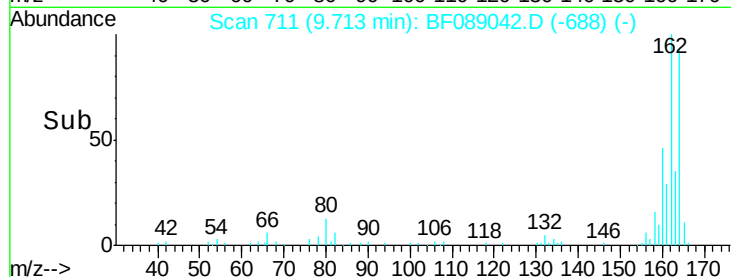
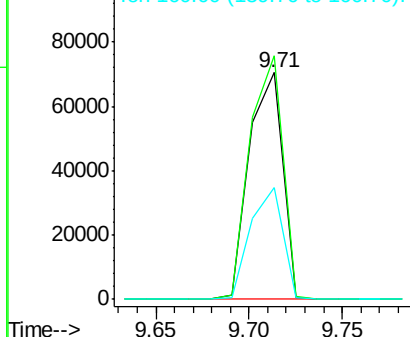
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 711
Delta R.T. -0.03 min
Lab File: BF089042.D
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BNA_F
ClientSampleId :
SB-07-COMP

Tgt Ion:164 Resp: 87435
Ion Ratio Lower Upper
164 100
162 107.6 85.4 128.2
160 49.5 39.5 59.3

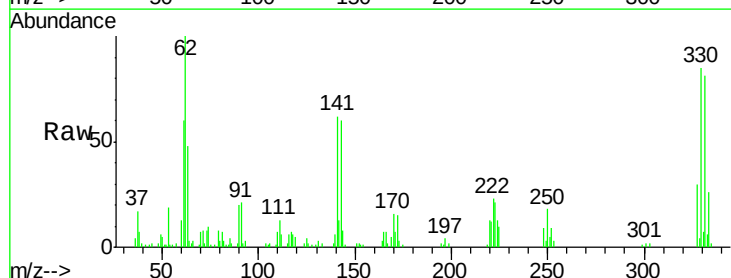


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

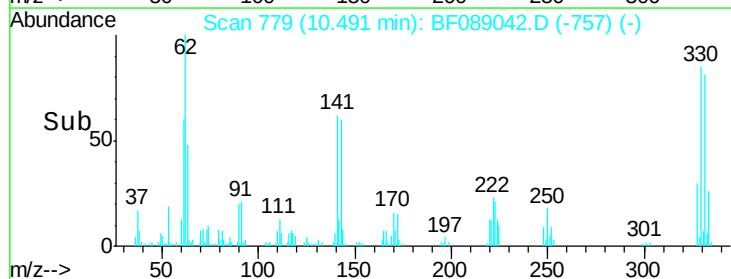
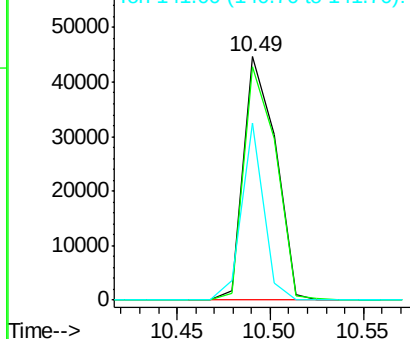


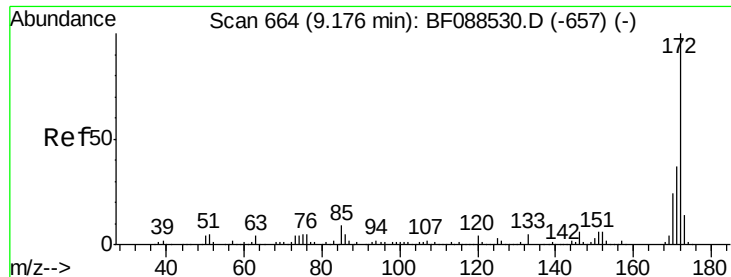
#41
2,4,6-Tribromophenol
Concen: 65.54 ng
RT: 10.49 min Scan# 779
Delta R.T. -0.05 min
Lab File: BF089042.D
Acq: 16 Jul 2016 5:33

Tgt Ion:330 Resp: 53211
Ion Ratio Lower Upper
330 100
332 96.5 0.0 0.0#
141 50.4 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

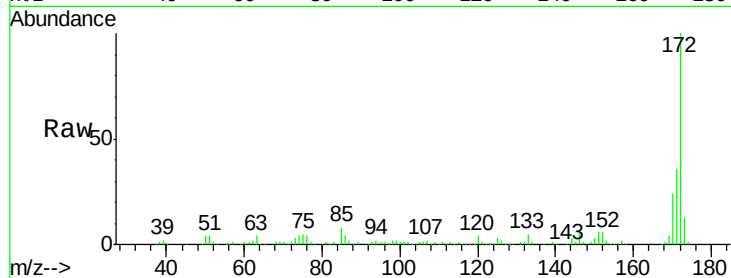




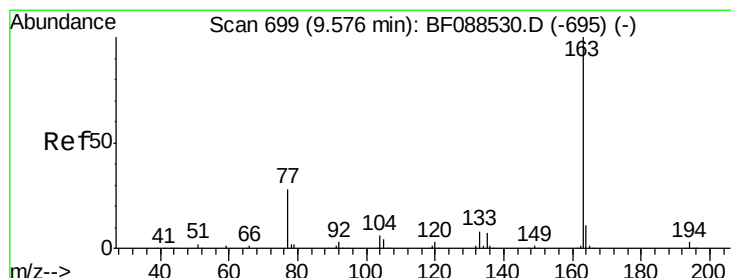
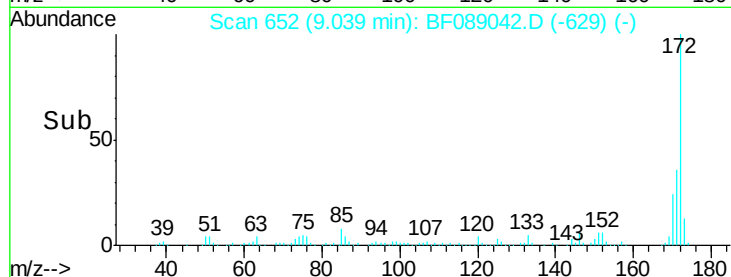
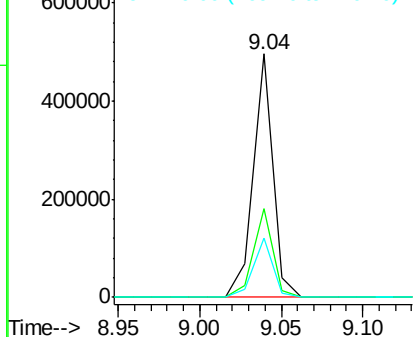
#44
 2-Fluorobiphenyl
 Concen: 75.17 ng
 RT: 9.04 min Scan# 652
 Delta R.T. -0.03 min
 Lab File: BF089042.D
 Acq: 16 Jul 2016 5:33

Instrument :
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 ClientSampleId :
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Tgt Ion:172 Resp: 416071
 Ion Ratio Lower Upper
 172 100
 171 36.2 28.6 43.0
 170 24.1 19.2 28.8

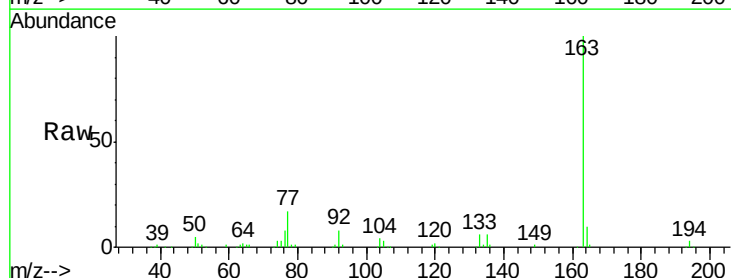


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

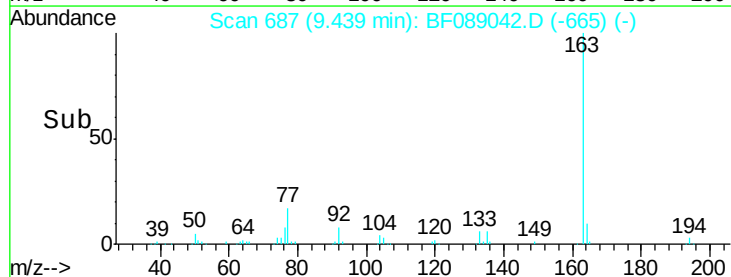
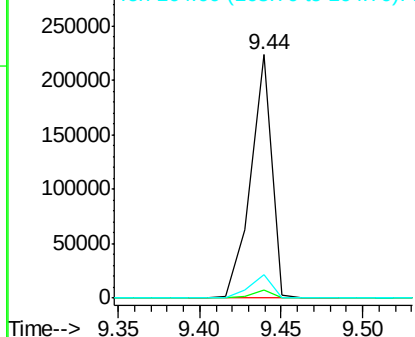


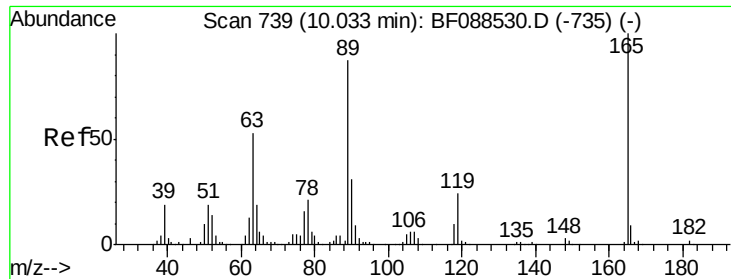
#49
 Dimethylphthalate
 Concen: 32.01 ng
 RT: 9.44 min Scan# 687
 Delta R.T. -0.05 min
 Lab File: BF089042.D
 Acq: 16 Jul 2016 5:33

Tgt Ion:163 Resp: 199409
 Ion Ratio Lower Upper
 163 100
 194 3.4 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

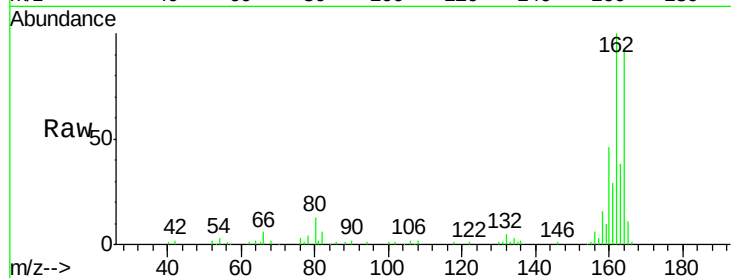




#56
 2,4-Dinitrotoluene
 Concen: 6.03 ng
 RT: 9.71 min Scan# 711
 Delta R.T. -0.23 min
 Lab File: BF089042.D
 Acq: 16 Jul 2016 5:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Tgt Ion:	165	Resp:	10876
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#

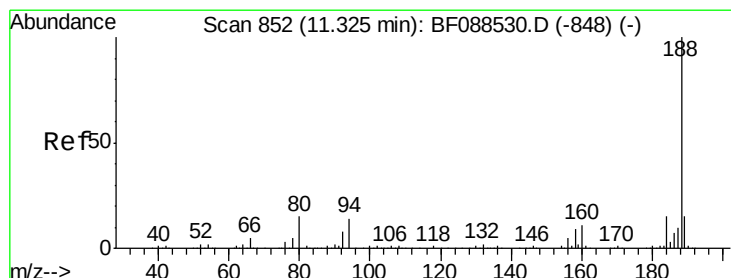
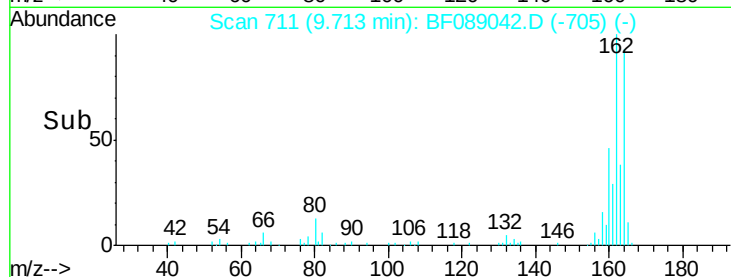
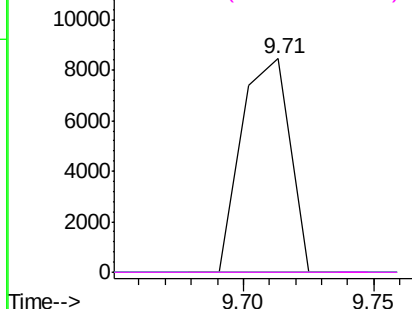


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

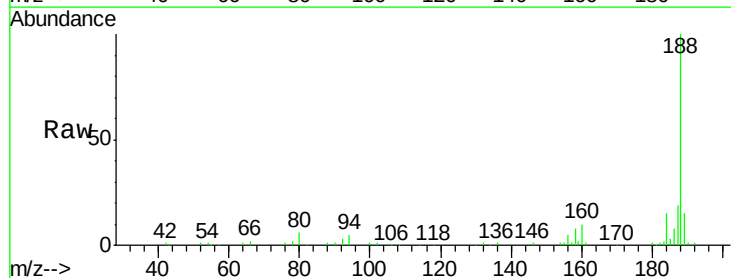
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.19 min Scan# 840
 Delta R.T. -0.03 min
 Lab File: BF089042.D
 Acq: 16 Jul 2016 5:33

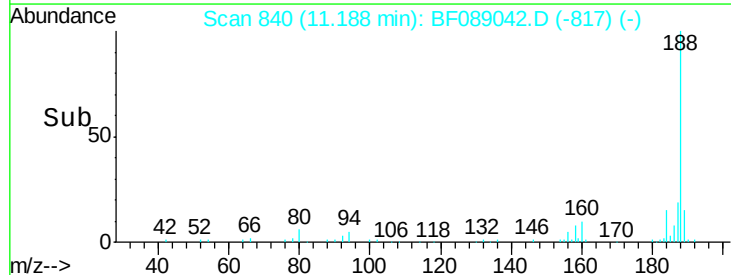
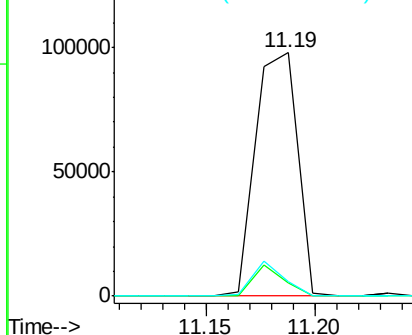
Tgt Ion:	188	Resp:	132380
Ion	Ratio	Lower	Upper
188	100		
94	5.4	9.0	13.6#
80	5.7	10.0	15.0#

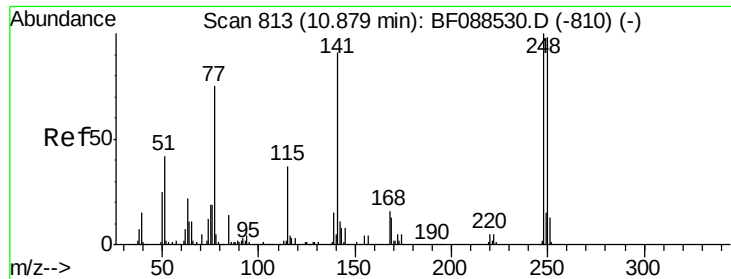


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

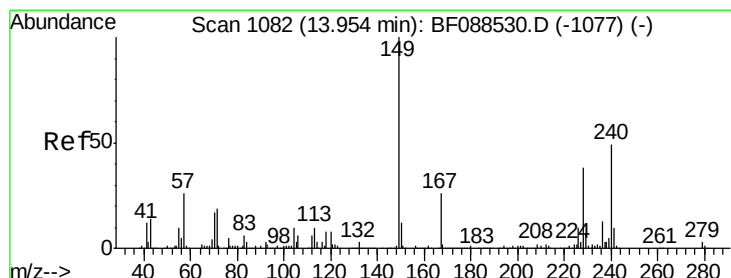
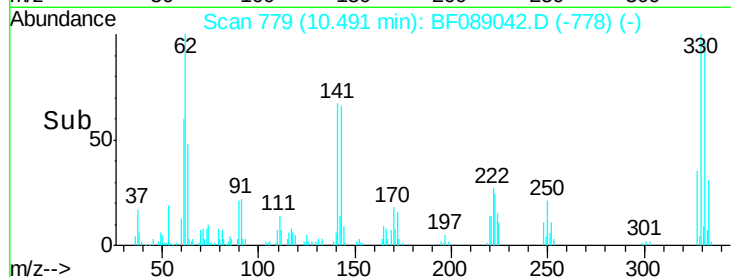
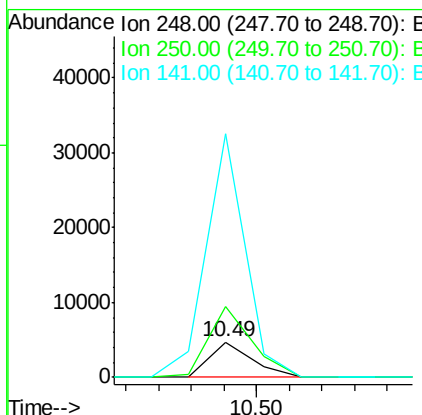
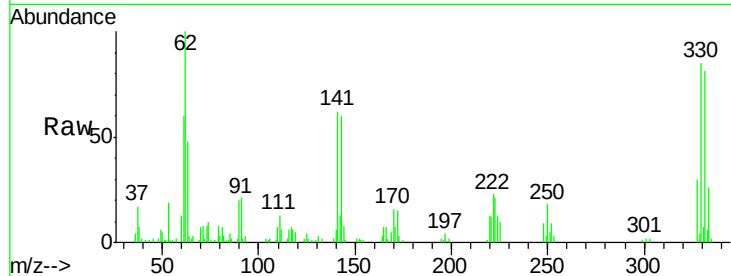




#66
 4-Bromophenyl-phenylether
 Concen: 3.12 ng
 RT: 10.49 min Scan# 779
 Delta R.T. -0.29 min
 Lab File: BF089042.D
 Acq: 16 Jul 2016 5:33

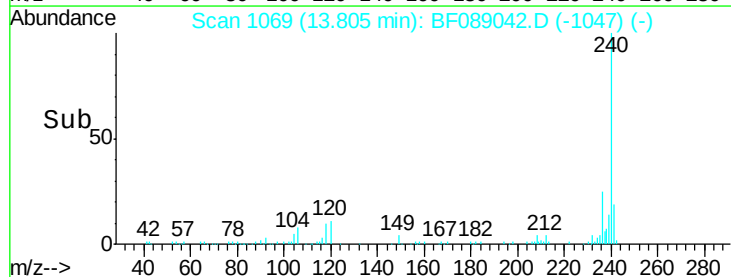
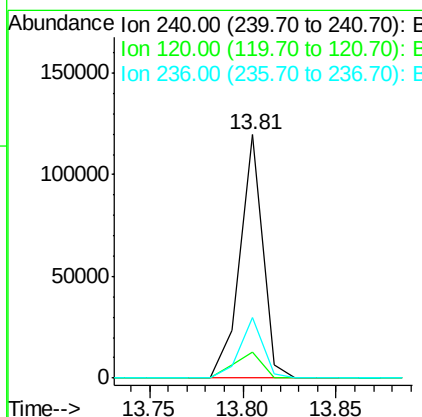
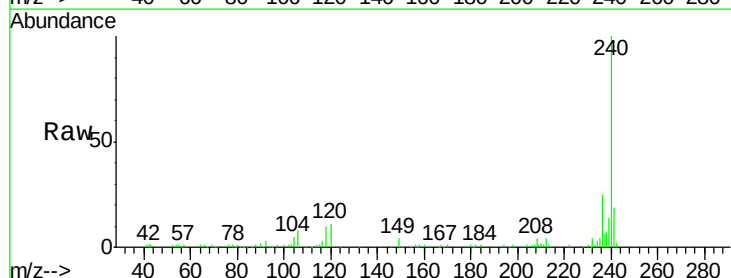
Instrument :
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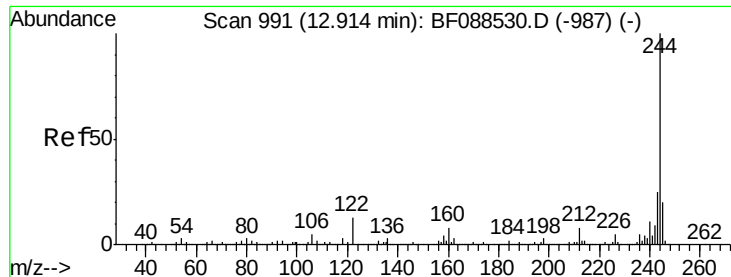
Tgt Ion:248 Resp: 4167
 Ion Ratio Lower Upper
 248 100
 250 201.2 77.1 115.7#
 141 692.1 50.6 76.0#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.81 min Scan# 1069
 Delta R.T. -0.05 min
 Lab File: BF089042.D
 Acq: 16 Jul 2016 5:33

Tgt Ion:240 Resp: 103401
 Ion Ratio Lower Upper
 240 100
 120 10.6 6.8 10.2#
 236 25.1 20.2 30.2





#78

Terphenyl-d14

Concen: 54.22 ng

RT: 12.77 min Scan# 978

Delta R.T. -0.03 min

Lab File: BF089042.D

Acq: 16 Jul 2016 5:33

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

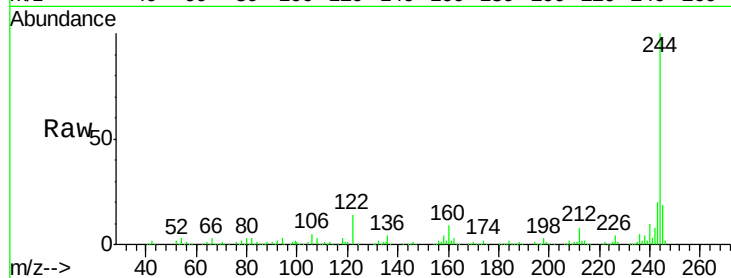
Tgt Ion:244 Resp: 251707

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

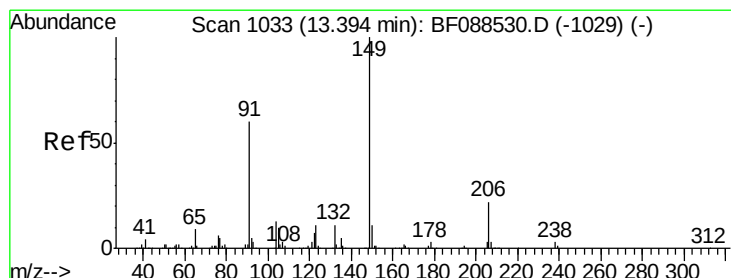
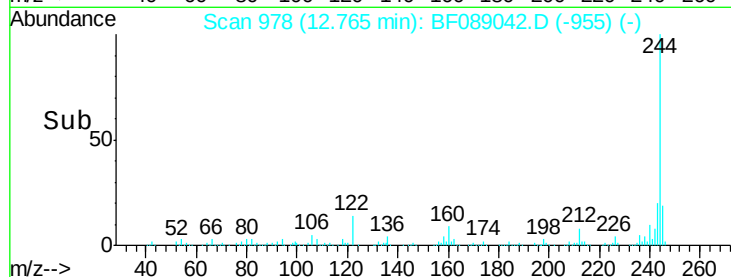
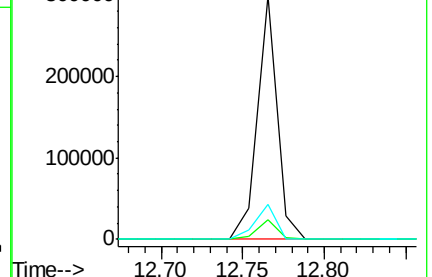
122 14.3 11.2 16.8



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



#79

Butylbenzylphthalate

Concen: 10.39 ng

RT: 13.25 min Scan# 1020

Delta R.T. -0.03 min

Lab File: BF089042.D

Acq: 16 Jul 2016 5:33

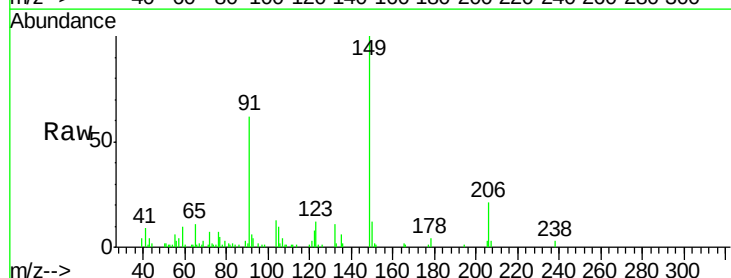
Tgt Ion:149 Resp: 40645

Ion Ratio Lower Upper

149 100

91 61.8 48.0 72.0

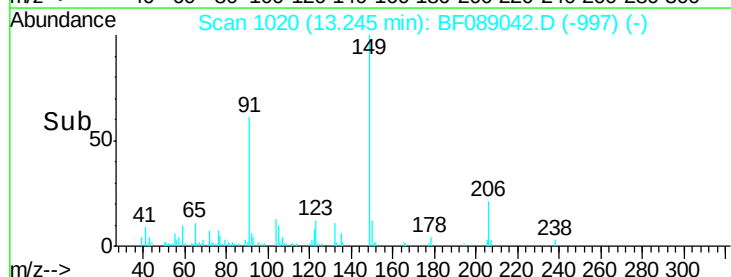
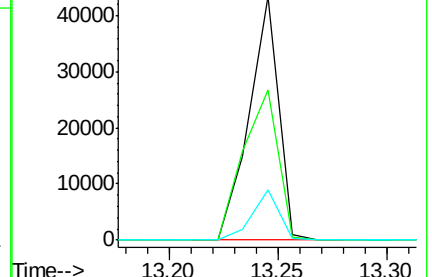
206 20.7 16.0 24.0

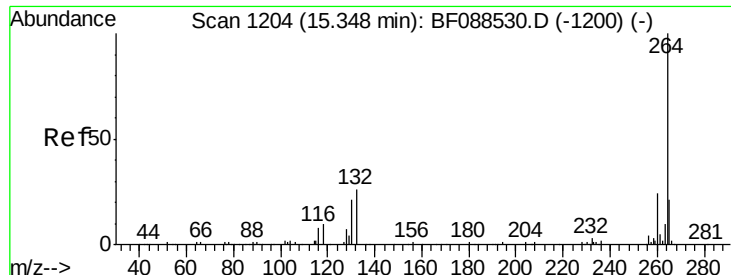


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

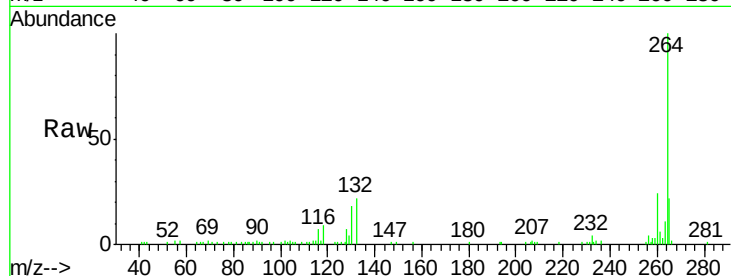




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.17 min Scan# 1188
Delta R.T. -0.05 min
Lab File: BF089042.D
Acq: 16 Jul 2016 5:33

Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

Tgt Ion: 264 Resp: 70006
Ion Ratio Lower Upper
264 100
260 24.4 19.2 28.8
265 22.4 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

