

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072216\
 Data File : BF089188.D
 Acq On : 22 Jul 2016 10:41
 Operator : UM/SJ
 Sample : H4074-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Quant Time: Jul 25 00:48:31 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

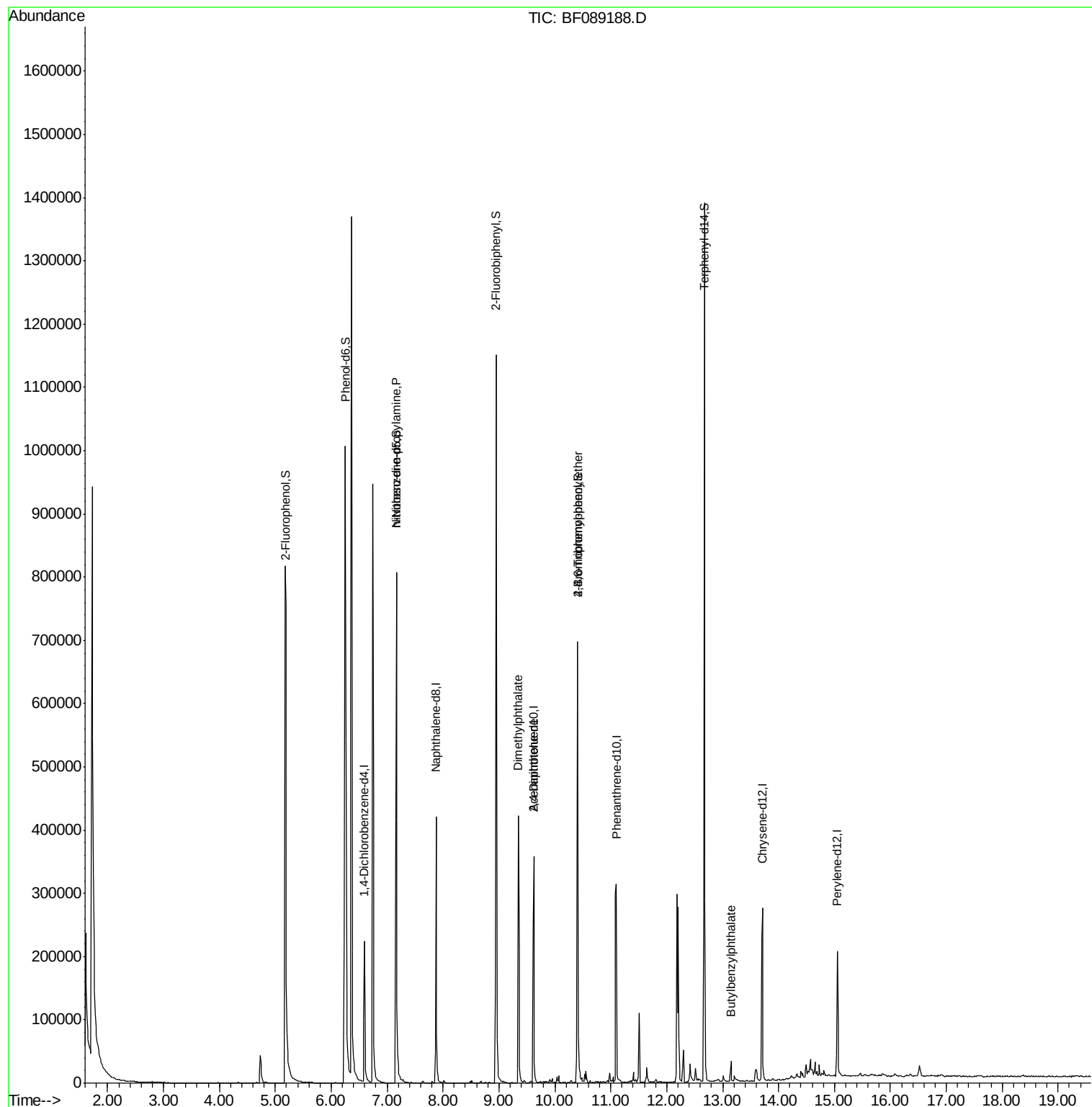
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	47937	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	208636	20.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	96950	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	188140	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	123340	20.00	ng	-0.01
86) Perylene-d12	15.05	264	83475	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	416535	132.15	ng	0.00
7) Phenol-d6	6.25	99	543254	133.65	ng	-0.02
23) Nitrobenzene-d5	7.16	82	367760	93.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.41	330	116884	133.91	ng	-0.01
44) 2-Fluorobiphenyl	8.95	172	562551	79.95	ng	-0.02
78) Terphenyl-d14	12.67	244	425075	74.75	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.25	77	681	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.16	70	49536	18.63	ng	# 79
49) Dimethylphthalate	9.35	163	215075	28.91	ng	98
56) 2,4-Dinitrotoluene	9.62	165	11649	5.38	ng	# 10
66) 4-Bromophenyl-phenylether	10.41	248	8709	4.68	ng	# 1
79) Butylbenzylphthalate	13.15	149	8637	2.00	ng	# 84

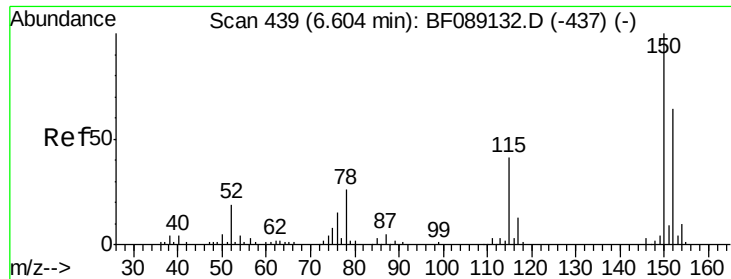
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.59 min Scan# 438

Delta R.T. -0.01 min

Lab File: BF089188.D

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Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

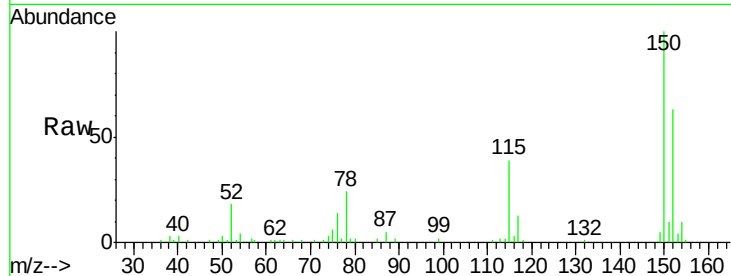
Tgt Ion:152 Resp: 47937

Ion Ratio Lower Upper

152 100

150 158.1 125.1 187.7

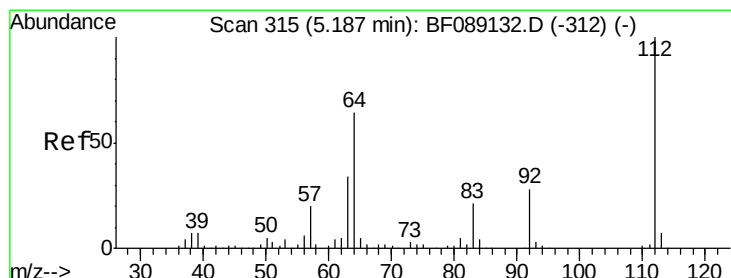
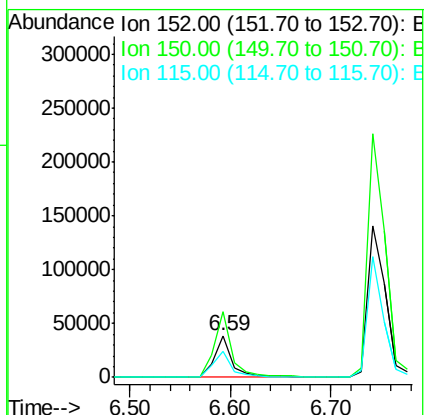
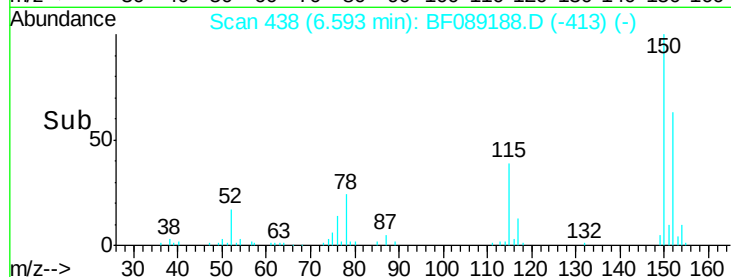
115 61.2 51.1 76.7



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: 132.15 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.00 min

Lab File: BF089188.D

Acq: 22 Jul 2016 10:41

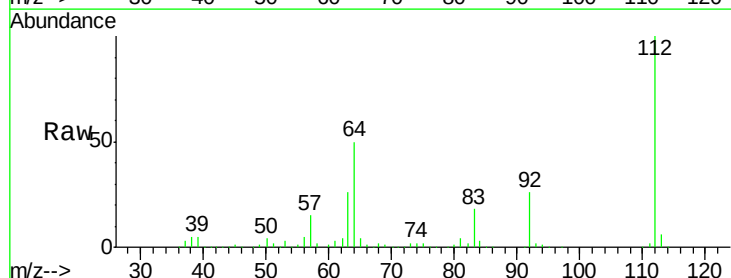
Tgt Ion:112 Resp: 416535

Ion Ratio Lower Upper

112 100

64 49.5 51.0 76.4#

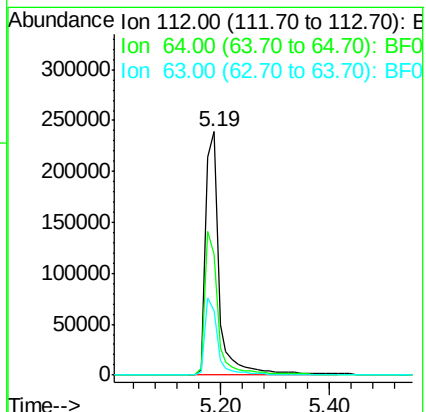
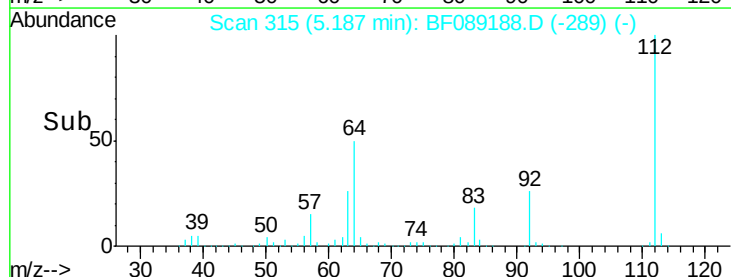
63 26.3 27.3 40.9#

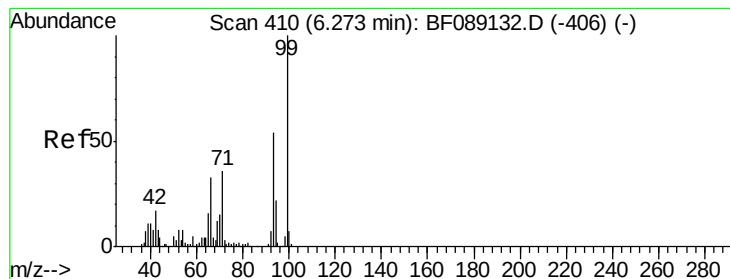


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 133.65 ng

RT: 6.25 min Scan# 408

Delta R.T. -0.02 min

Lab File: BF089188.D

Acq: 22 Jul 2016 10:41

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

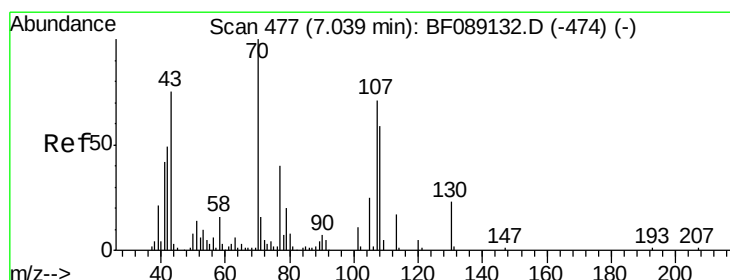
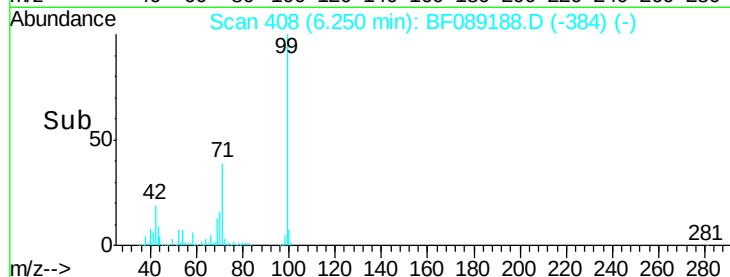
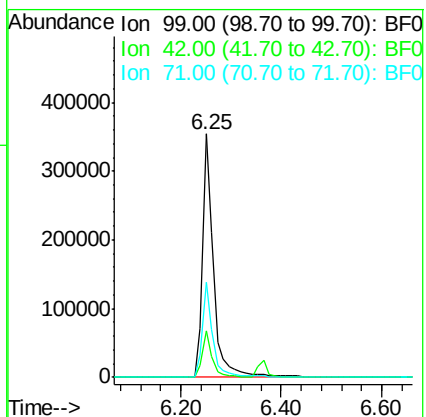
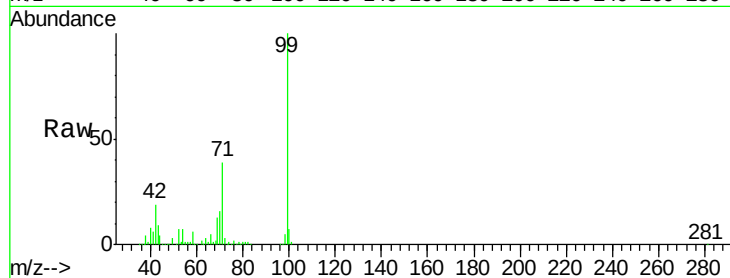
Tgt Ion: 99 Resp: 543254

Ion Ratio Lower Upper

99 100

42 19.2 13.5 20.3

71 38.9 28.9 43.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.63 ng

RT: 7.16 min Scan# 488

Delta R.T. 0.13 min

Lab File: BF089188.D

Acq: 22 Jul 2016 10:41

Tgt Ion: 70 Resp: 49536

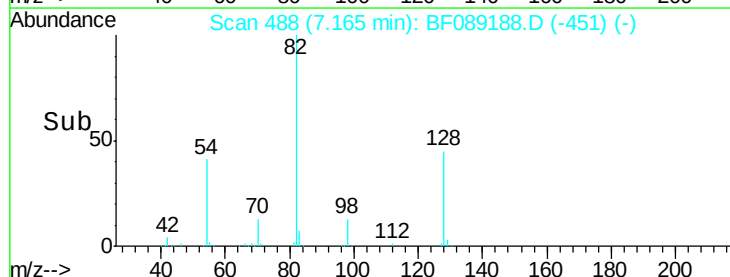
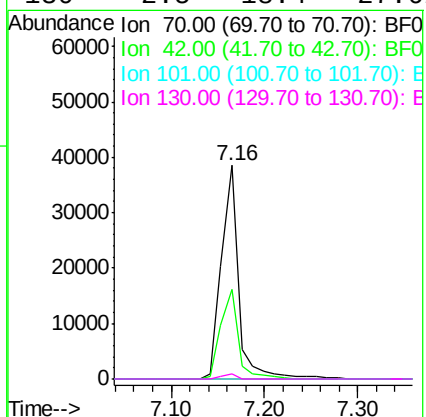
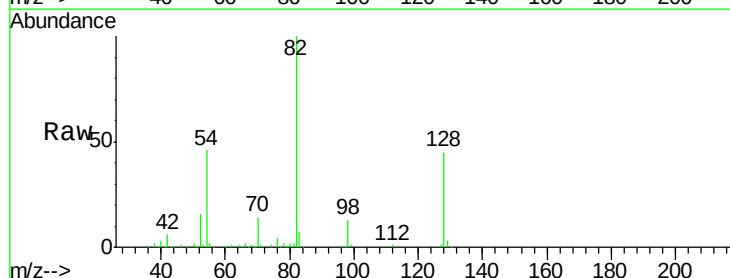
Ion Ratio Lower Upper

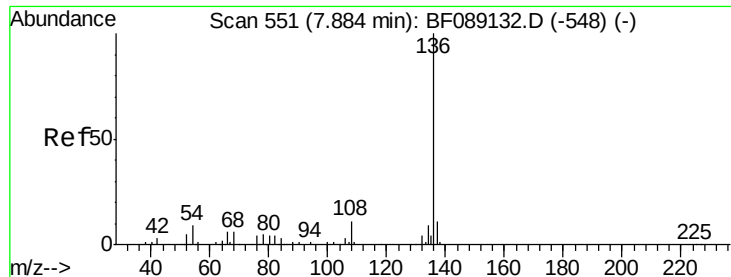
70 100

42 42.0 39.2 58.8

101 0.0 8.5 12.7#

130 2.5 18.4 27.6#

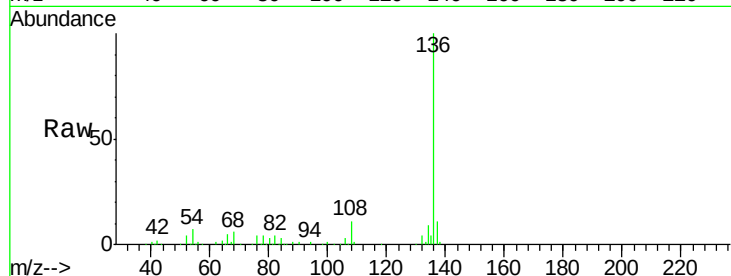




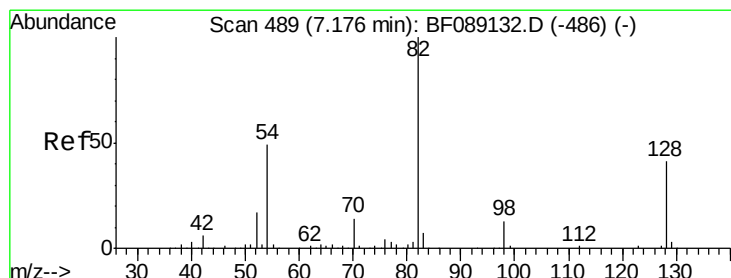
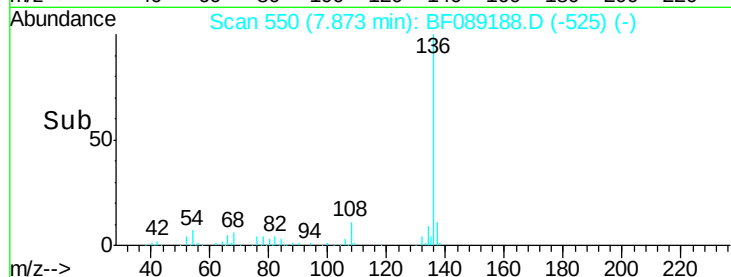
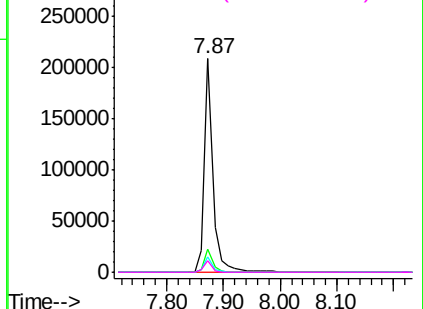
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.01 min
Lab File: BF089188.D
Acq: 22 Jul 2016 10:41

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tgt Ion:	136	Resp:	208636
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.3	7.0	10.4
68	5.6	5.0	7.6

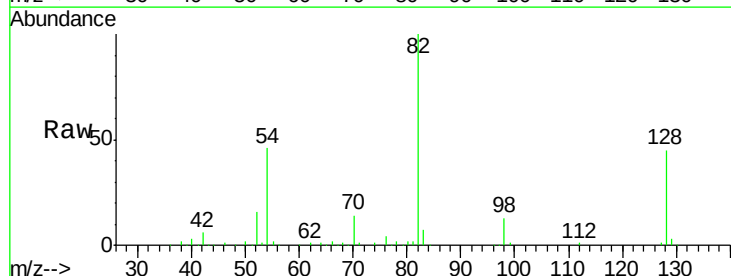


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

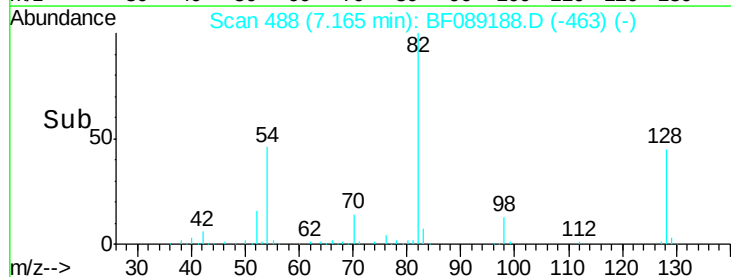
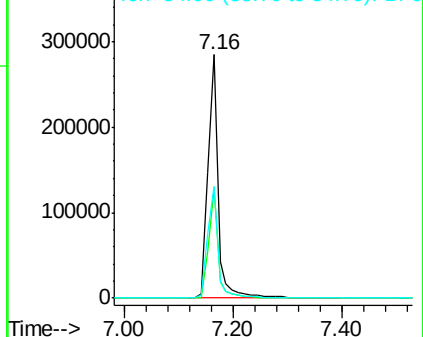


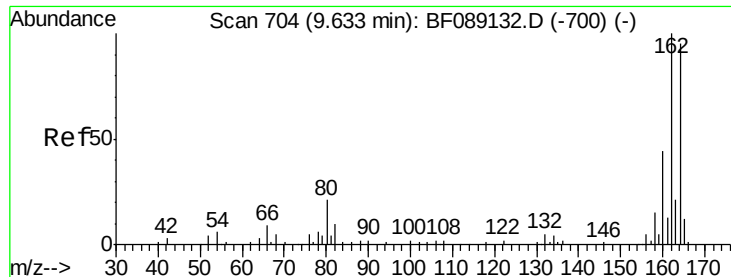
#23
Nitrobenzene-d5
Concen: 93.66 ng
RT: 7.16 min Scan# 488
Delta R.T. -0.01 min
Lab File: BF089188.D
Acq: 22 Jul 2016 10:41

Tgt Ion:	82	Resp:	367760
Ion	Ratio	Lower	Upper
82	100		
128	44.9	33.0	49.6
54	46.0	39.0	58.4



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

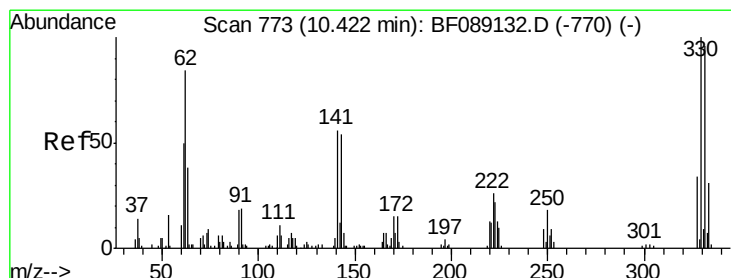
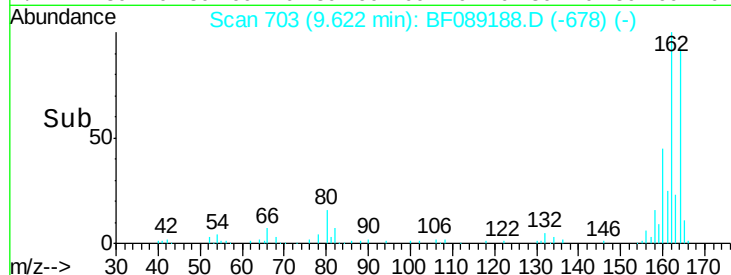
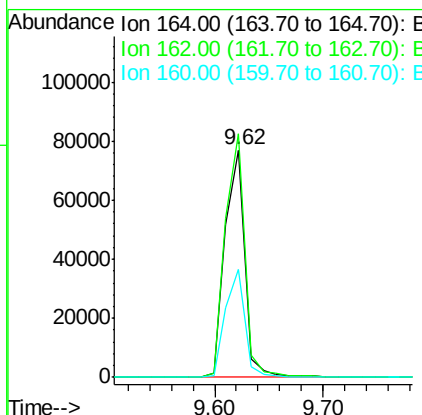
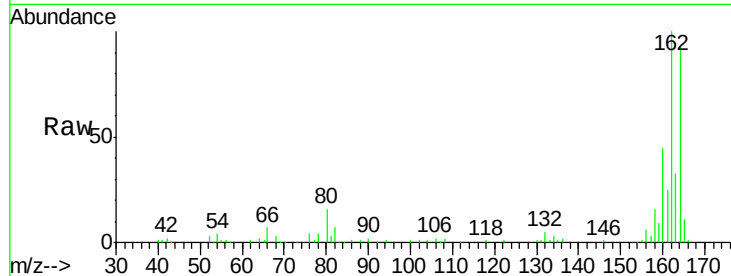




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 703
Delta R.T. -0.01 min
Lab File: BF089188.D
Acq: 22 Jul 2016 10:41

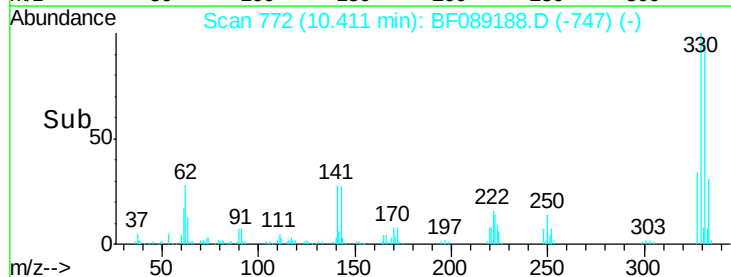
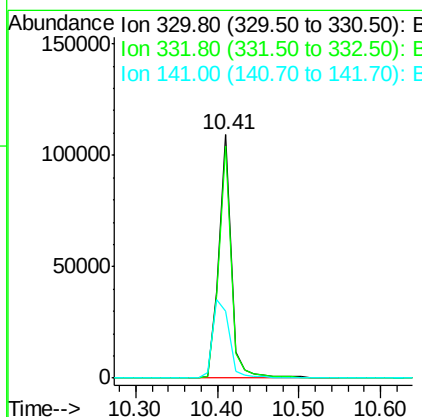
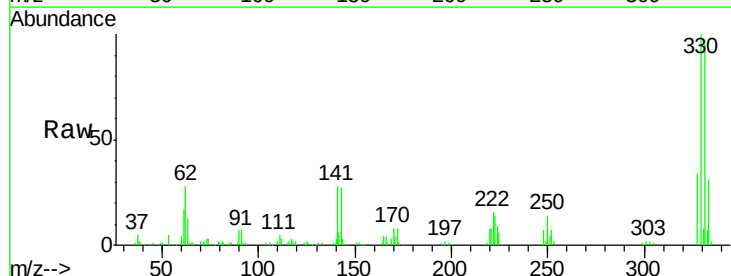
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BNA_F
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SB-06-COMP

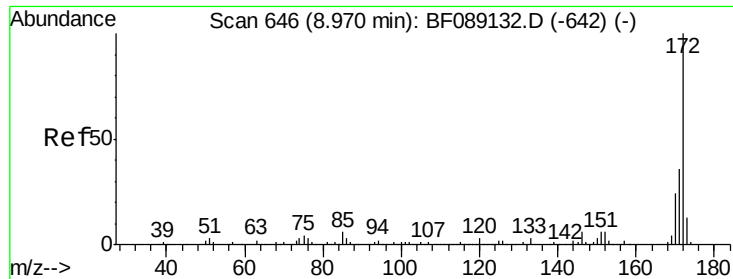
Tgt Ion:164 Resp: 96950
Ion Ratio Lower Upper
164 100
162 107.2 84.1 126.1
160 47.8 37.1 55.7



#41
2,4,6-Tribromophenol
Concen: 133.91 ng
RT: 10.41 min Scan# 772
Delta R.T. -0.01 min
Lab File: BF089188.D
Acq: 22 Jul 2016 10:41

Tgt Ion:330 Resp: 116884
Ion Ratio Lower Upper
330 100
332 95.6 77.2 115.8
141 43.8 42.2 63.2

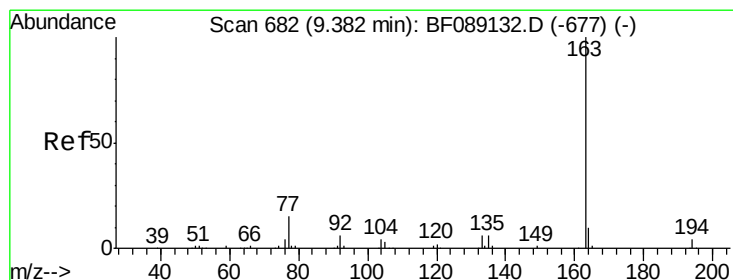
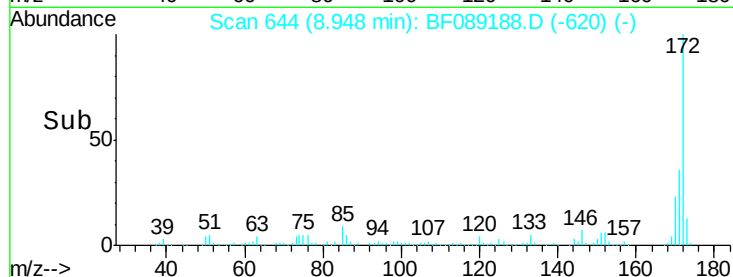
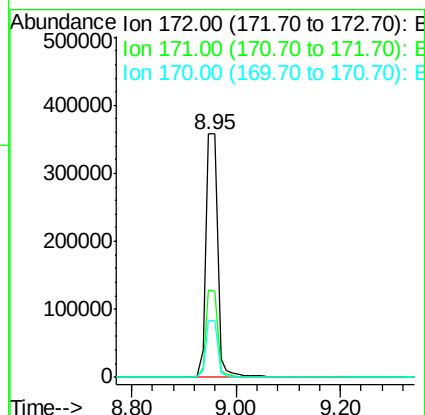
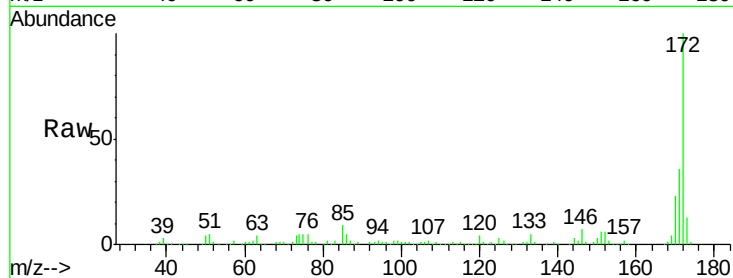




#44
 2-Fluorobiphenyl
 Concen: 79.95 ng
 RT: 8.95 min Scan# 644
 Delta R.T. -0.02 min
 Lab File: BF089188.D
 Acq: 22 Jul 2016 10:41

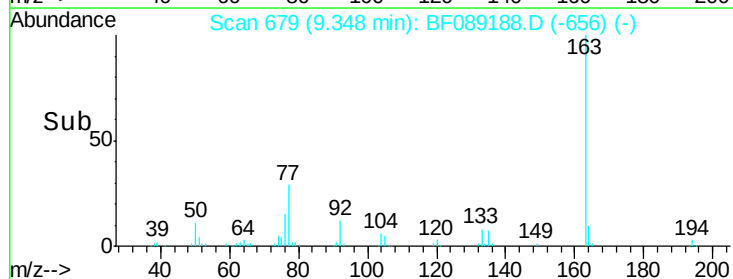
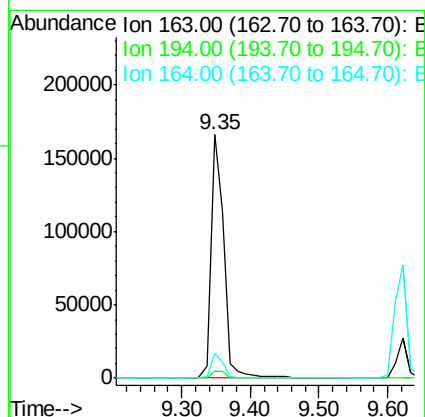
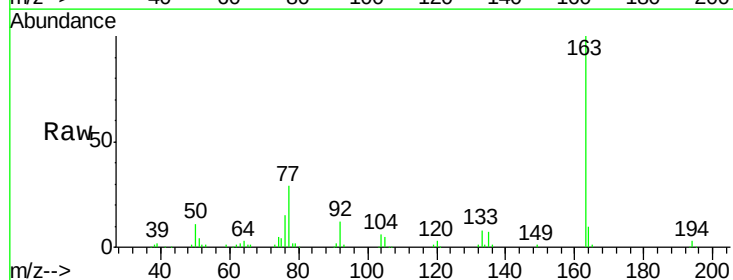
Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

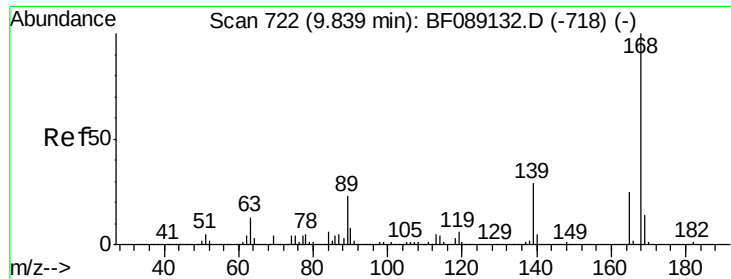
Tgt Ion:172 Resp: 562551
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 23.4 19.1 28.7



#49
 Dimethylphthalate
 Concen: 28.91 ng
 RT: 9.35 min Scan# 679
 Delta R.T. -0.03 min
 Lab File: BF089188.D
 Acq: 22 Jul 2016 10:41

Tgt Ion:163 Resp: 215075
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.9 4.3
 164 10.4 7.6 11.4





#56

2,4-Dinitrotoluene

Concen: 5.38 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.22 min

Lab File: BF089188.D

Acq: 22 Jul 2016 10:41

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

Tgt Ion:165 Resp: 11649

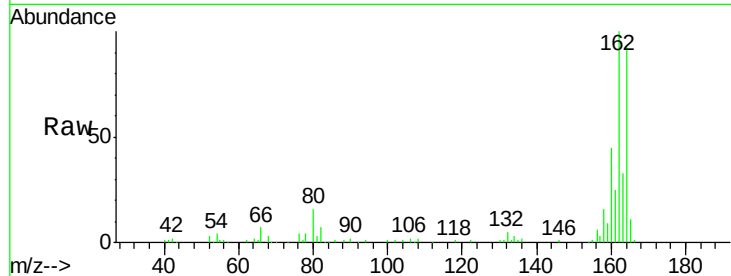
Ion Ratio Lower Upper

165 100

63 0.0 55.4 83.2#

89 0.0 74.3 111.5#

182 0.0 2.0 3.0#

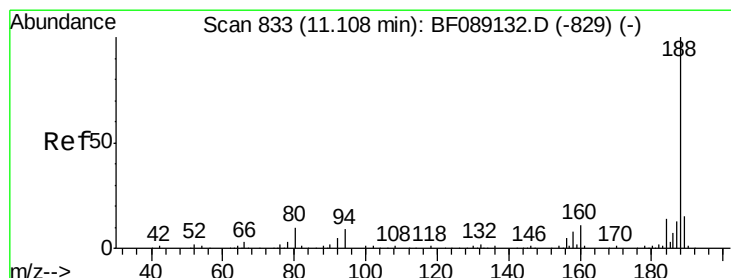
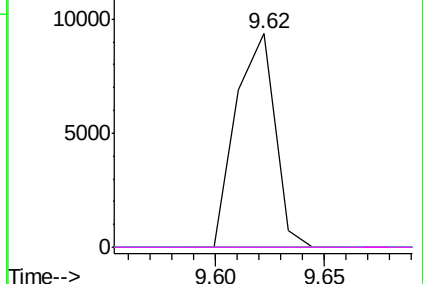
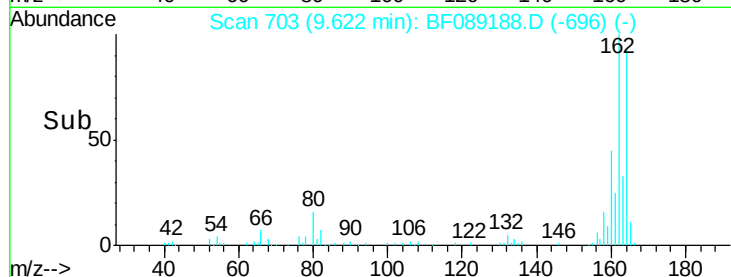


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.10 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF089188.D

Acq: 22 Jul 2016 10:41

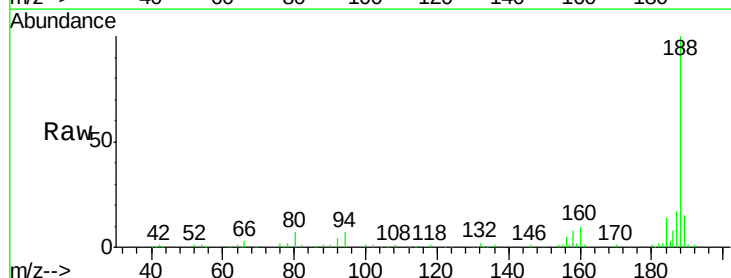
Tgt Ion:188 Resp: 188140

Ion Ratio Lower Upper

188 100

94 6.9 7.0 10.4#

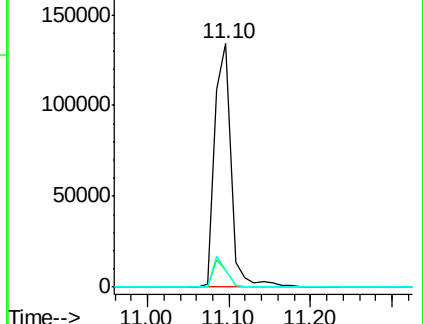
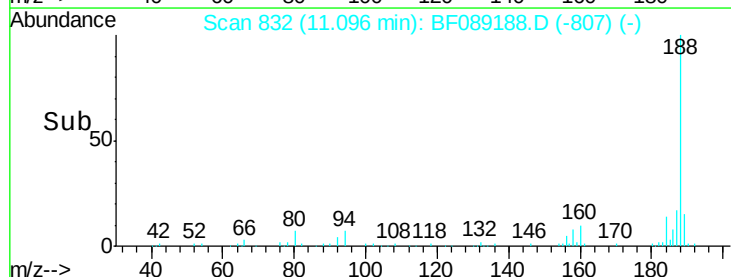
80 7.0 7.7 11.5#

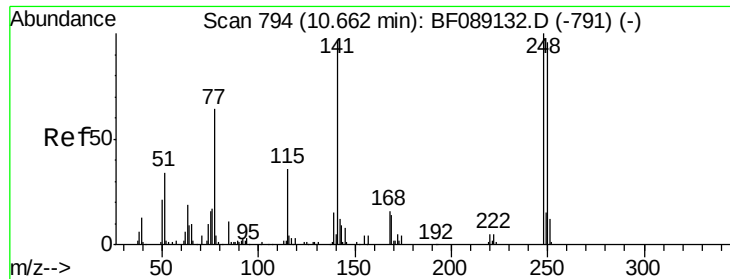


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

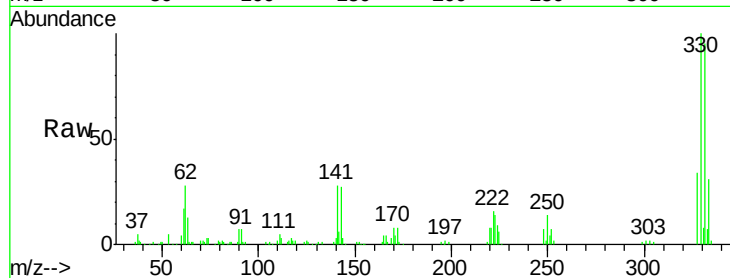




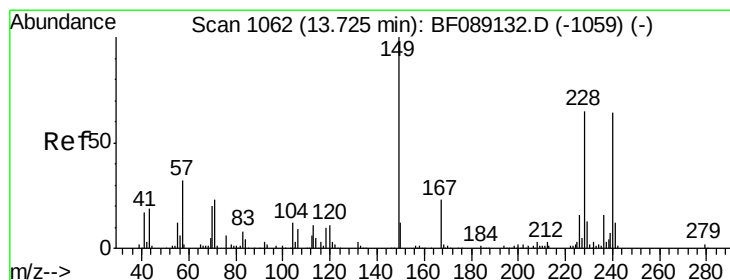
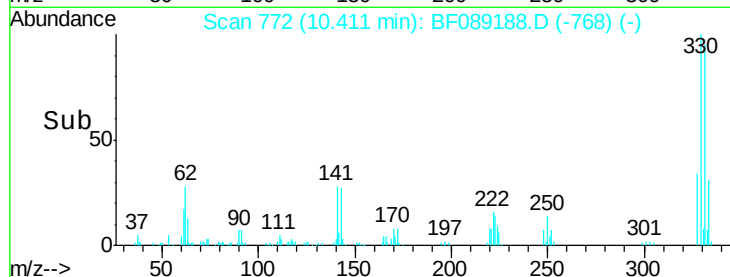
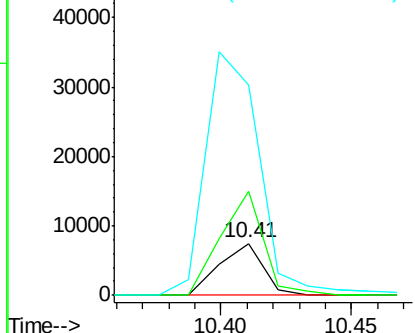
#66
 4-Bromophenyl-phenylether
 Concen: 4.68 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.25 min
 Lab File: BF089188.D
 Acq: 22 Jul 2016 10:41

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Tgt Ion:248 Resp: 8709
 Ion Ratio Lower Upper
 248 100
 250 200.2 76.9 115.3#
 141 407.5 77.4 116.2#

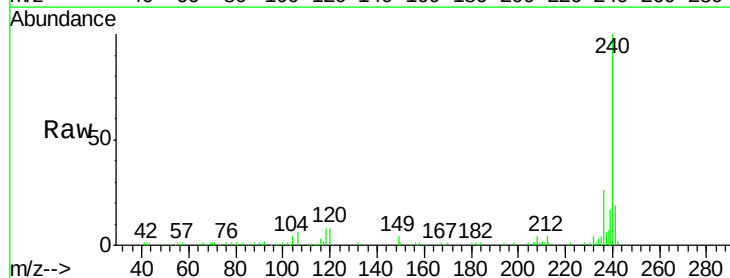


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

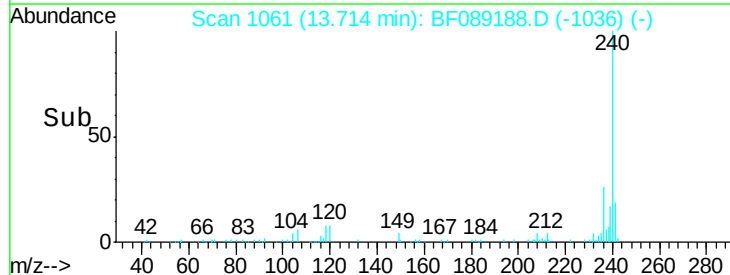
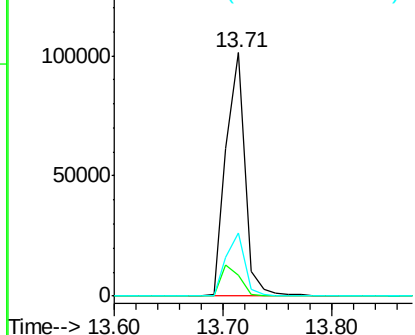


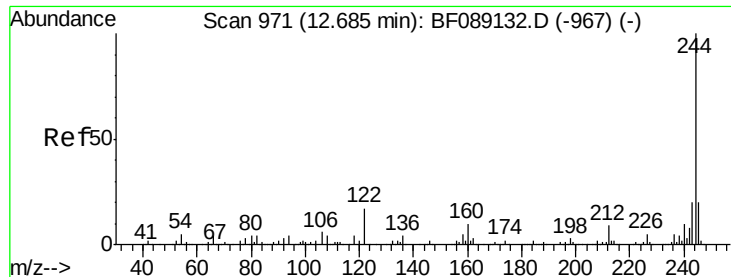
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.71 min Scan# 1061
 Delta R.T. -0.01 min
 Lab File: BF089188.D
 Acq: 22 Jul 2016 10:41

Tgt Ion:240 Resp: 123340
 Ion Ratio Lower Upper
 240 100
 120 8.3 13.6 20.4#
 236 25.7 20.5 30.7



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: 74.75 ng

RT: 12.67 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF089188.D

Acq: 22 Jul 2016 10:41

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

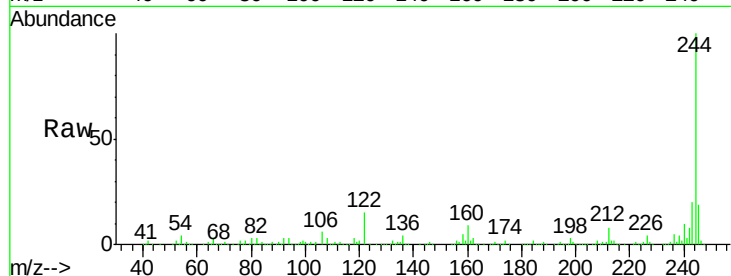
Tgt Ion:244 Resp: 425075

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.4

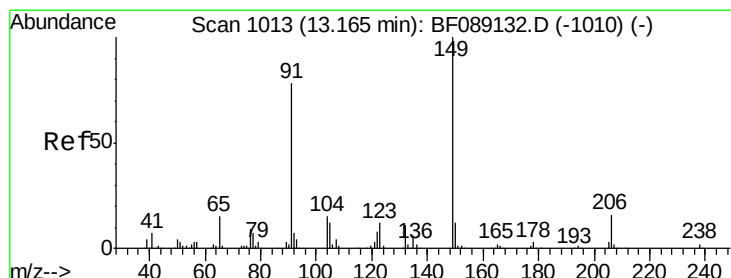
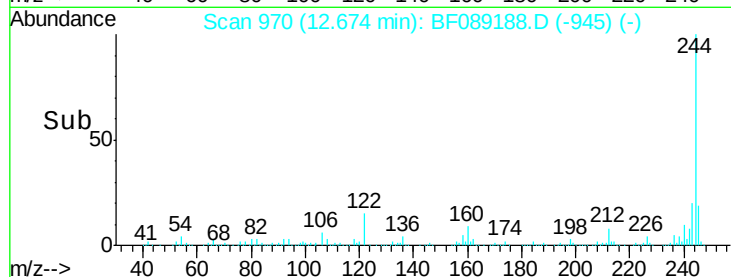
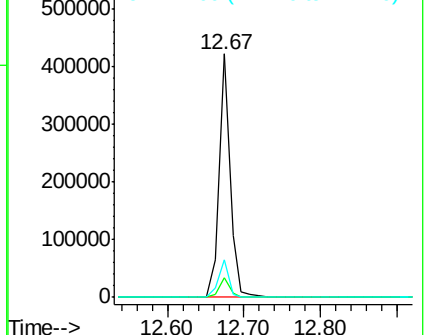
122 15.4 13.8 20.8



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: 2.00 ng

RT: 13.15 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF089188.D

Acq: 22 Jul 2016 10:41

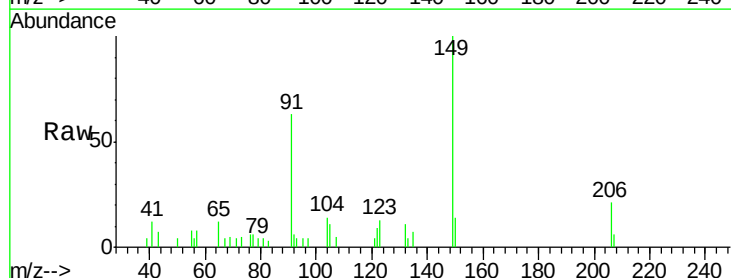
Tgt Ion:149 Resp: 8637

Ion Ratio Lower Upper

149 100

91 63.0 62.6 93.8

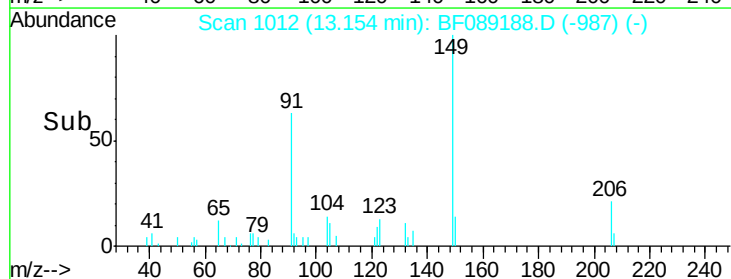
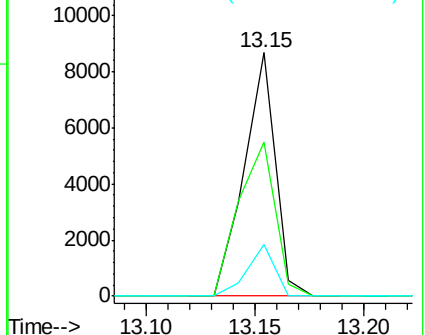
206 21.1 13.2 19.8#

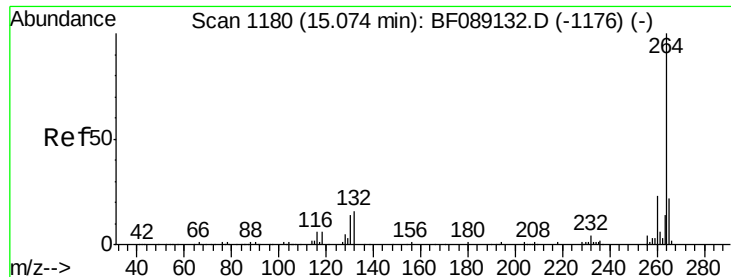


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

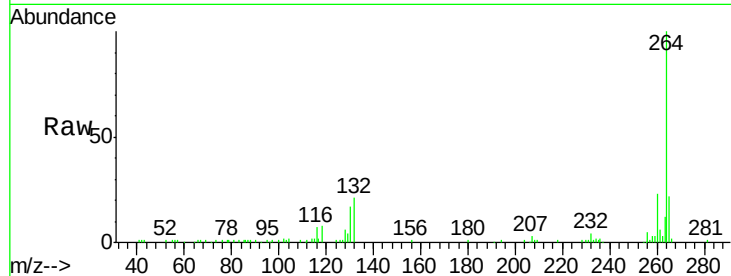




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1178
Delta R.T. -0.02 min
Lab File: BF089188.D
Acq: 22 Jul 2016 10:41

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tgt Ion: 264 Resp: 83475
Ion Ratio Lower Upper
264 100
260 23.5 18.5 27.7
265 21.9 17.3 25.9



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

