

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110716\
 Data File : BF091071.D
 Acq On : 7 Nov 2016 22:12
 Operator : UM/SJ
 Sample : H5526-18DL 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-107-1.0-1.5DL

Quant Time: Nov 07 23:58:59 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

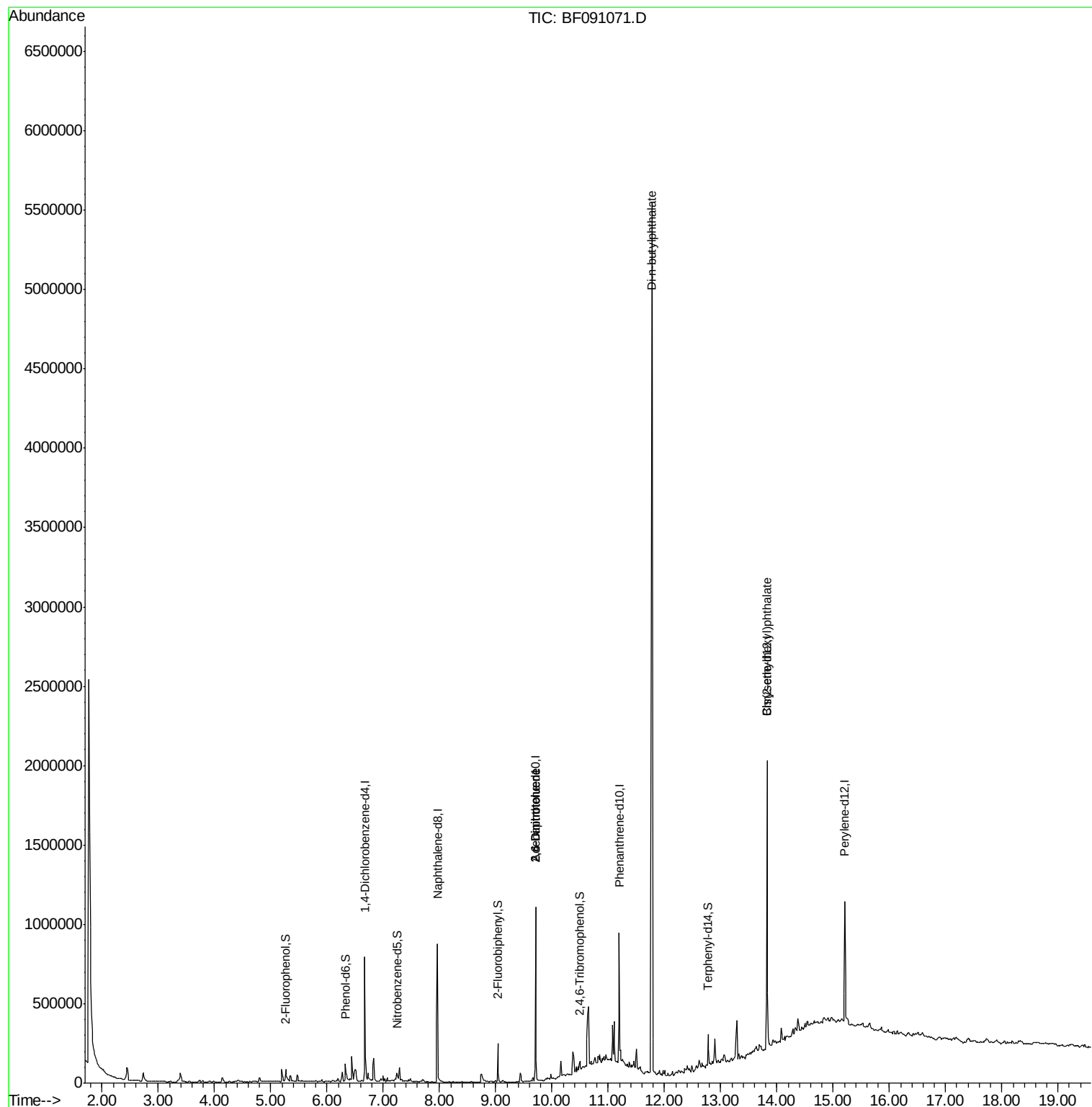
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	126126	20.00	ng	-0.03
21) Naphthalene-d8	7.96	136	495230	20.00	ng	-0.03
38) Acenaphthene-d10	9.71	164	220011	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	345467	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	369296	20.00	ng	-0.03
86) Perylene-d12	15.21	264	317594	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	39961	5.23	ng	-0.02
7) Phenol-d6	6.33	99	67714	6.53	ng	-0.02
23) Nitrobenzene-d5	7.24	82	36386	4.01	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	5858	2.95	ng	-0.03
44) 2-Fluorobiphenyl	9.04	172	79901	6.25	ng	-0.03
78) Terphenyl-d14	12.77	244	74639	5.04	ng	-0.03
Target Compounds						
50) 2,6-Dinitrotoluene	9.71	165	28432	9.20	ng	# 11
56) 2,4-Dinitrotoluene	9.71	165	28433	7.23	ng	# 25
73) Di-n-butylphthalate	11.78	149	3402760	153.77	ng	97
83) Bis(2-ethylhexyl)phthalate	13.83	149	226549	14.47	ng	# 99

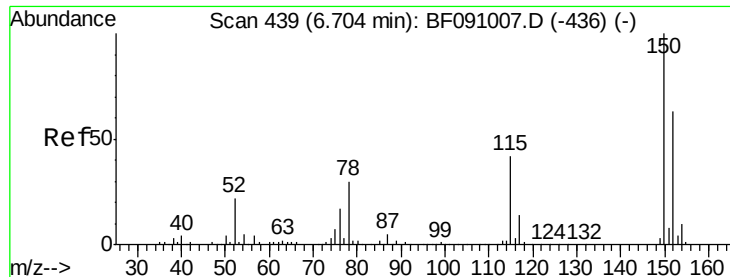
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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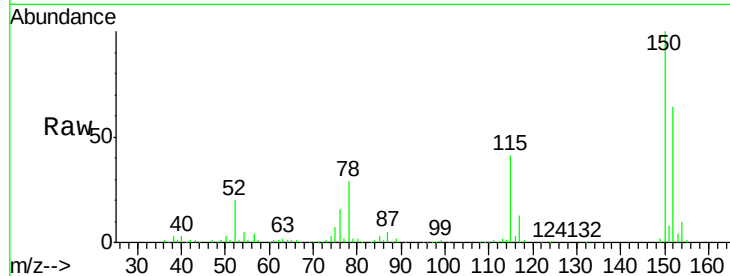




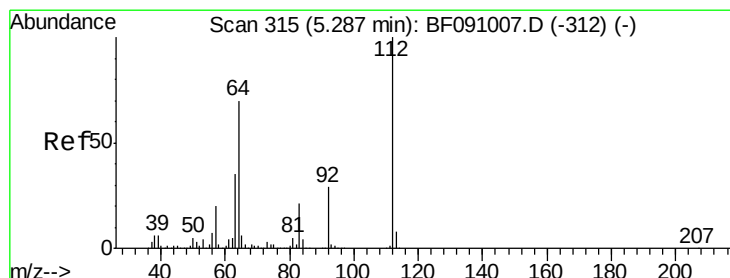
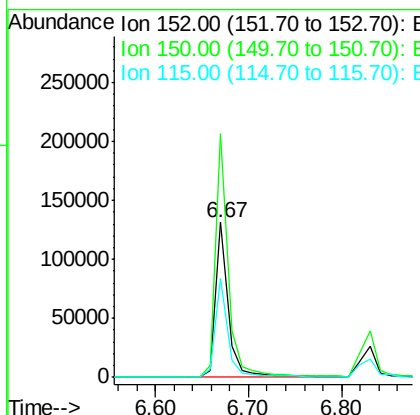
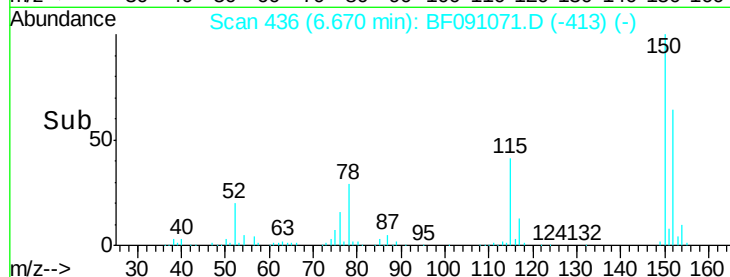
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.67 min Scan# 436
 Delta R.T. -0.03 min
 Lab File: BF091071.D
 Acq: 7 Nov 2016 22:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-107-1.0-1.5DL

Tgt Ion:152 Resp: 126126
 Ion Ratio Lower Upper
 152 100
 150 156.9 126.8 190.2
 115 63.8 53.3 79.9

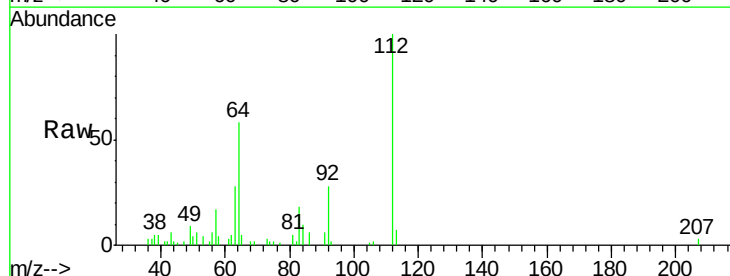


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

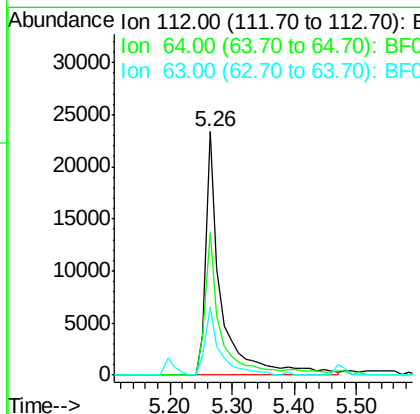
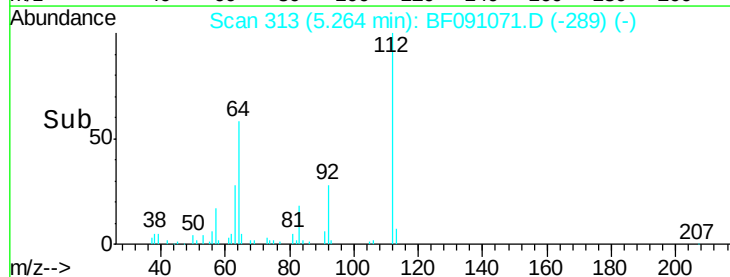


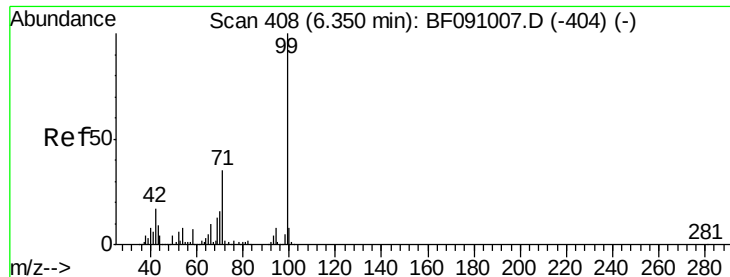
#5
 2-Fluorophenol
 Concen: 5.23 ng
 RT: 5.26 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: BF091071.D
 Acq: 7 Nov 2016 22:12

Tgt Ion:112 Resp: 39961
 Ion Ratio Lower Upper
 112 100
 64 58.3 55.8 83.6
 63 28.1 28.0 42.0



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: 6.53 ng

RT: 6.33 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF091071.D

Acq: 7 Nov 2016 22:12

Instrument :

BNA_F

ClientSampleId :

SB-107-1.0-1.5DL

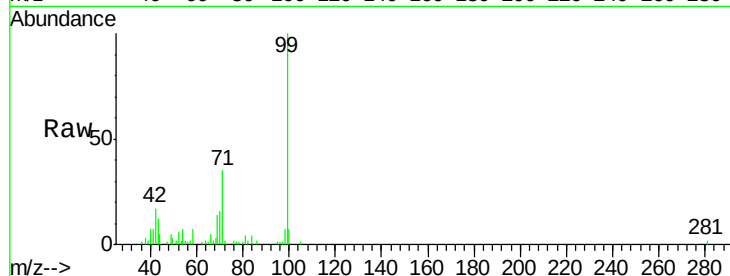
Tgt Ion: 99 Resp: 67714

Ion Ratio Lower Upper

99 100

42 17.0 13.9 20.9

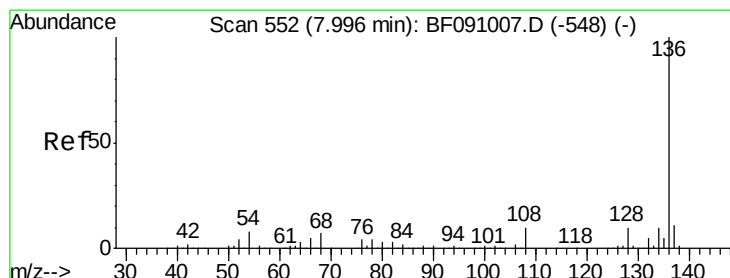
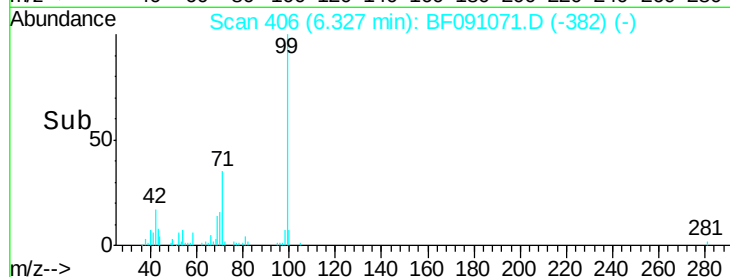
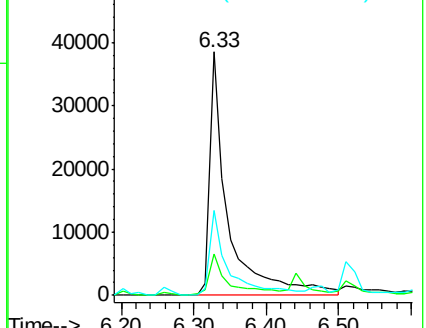
71 34.9 27.8 41.8



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 549

Delta R.T. -0.03 min

Lab File: BF091071.D

Acq: 7 Nov 2016 22:12

Tgt Ion: 136 Resp: 495230

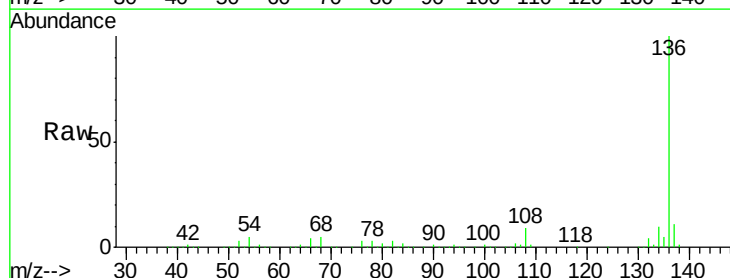
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 5.4 6.2 9.2#

68 5.1 5.5 8.3#

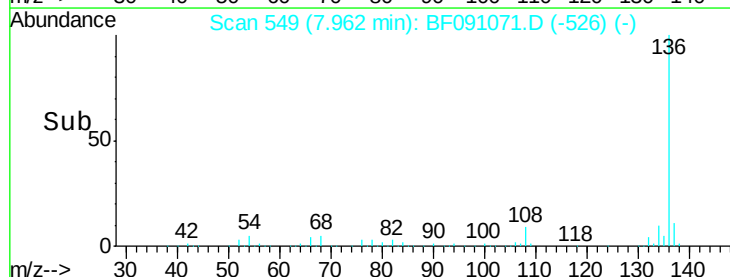
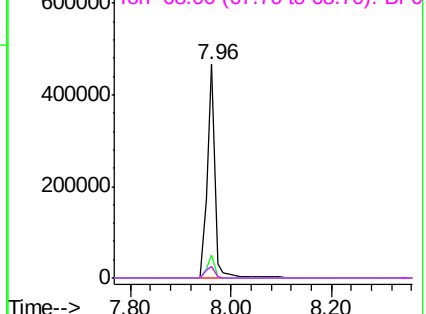


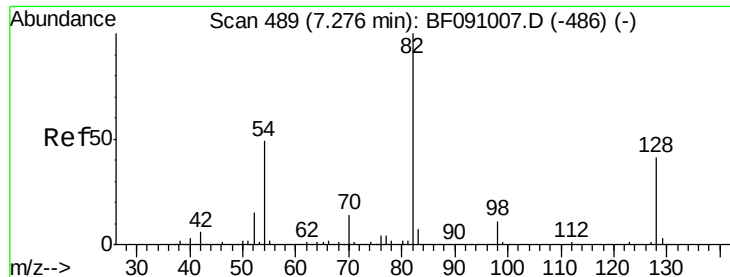
Abundance Ion 136.00 (135.70 to 136.70): E

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

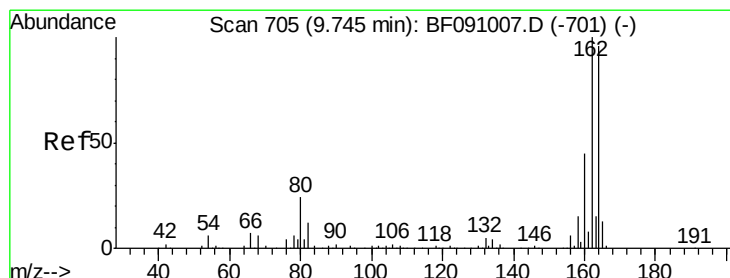
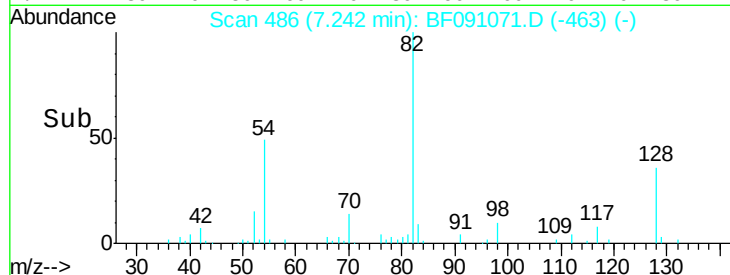
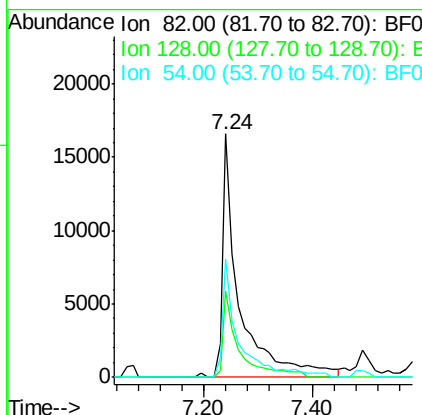
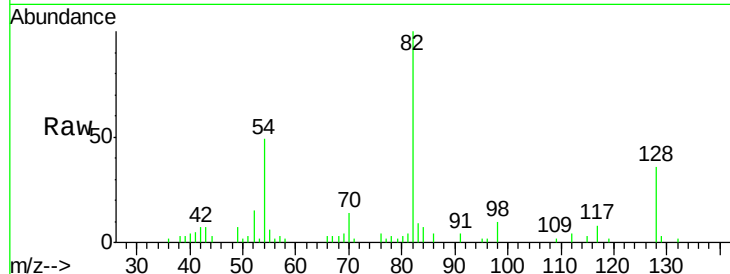




#23
 Nitrobenzene-d5
 Concen: 4.01 ng
 RT: 7.24 min Scan# 486
 Delta R.T. -0.03 min
 Lab File: BF091071.D
 Acq: 7 Nov 2016 22:12

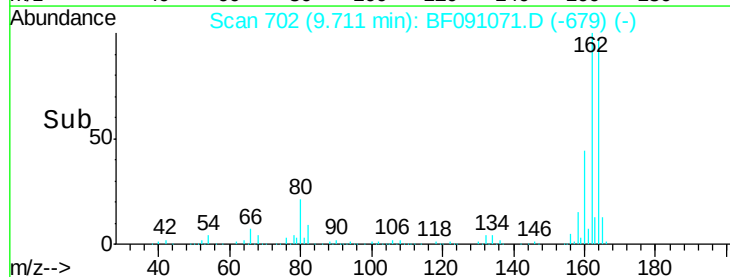
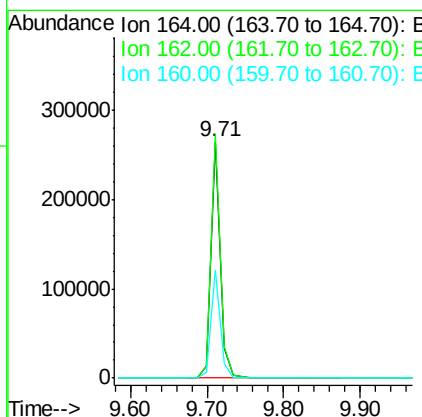
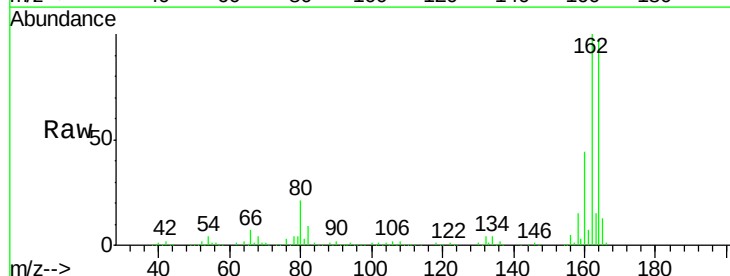
Instrument :
 BNA_F
 ClientSampleId :
 SB-107-1.0-1.5DL

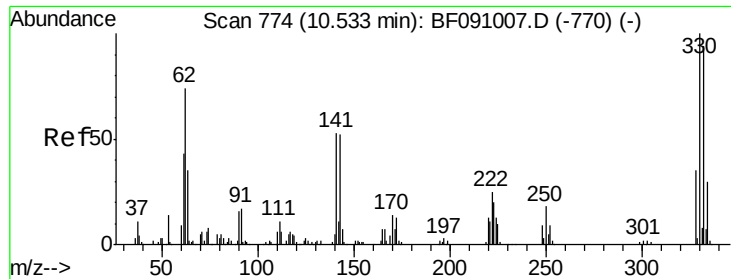
Tgt Ion: 82 Resp: 36386
 Ion Ratio Lower Upper
 82 100
 128 35.6 32.4 48.6
 54 48.5 39.2 58.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.71 min Scan# 702
 Delta R.T. -0.03 min
 Lab File: BF091071.D
 Acq: 7 Nov 2016 22:12

Tgt Ion: 164 Resp: 220011
 Ion Ratio Lower Upper
 164 100
 162 103.1 83.6 125.4
 160 45.7 37.9 56.9

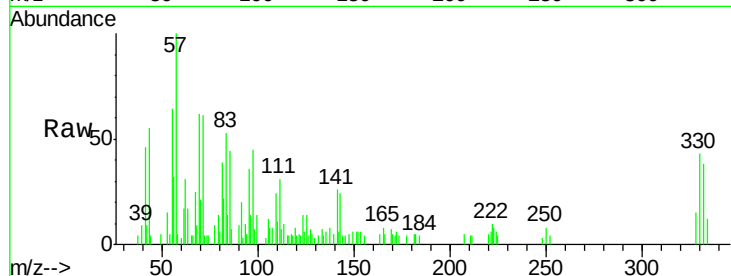




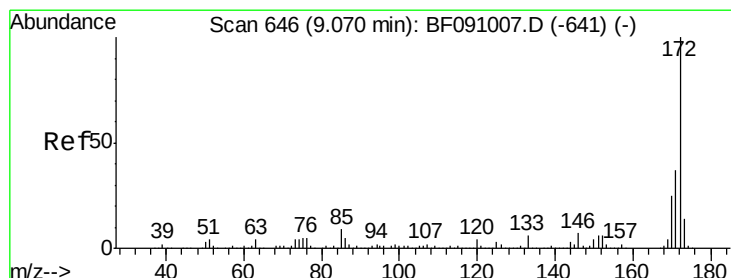
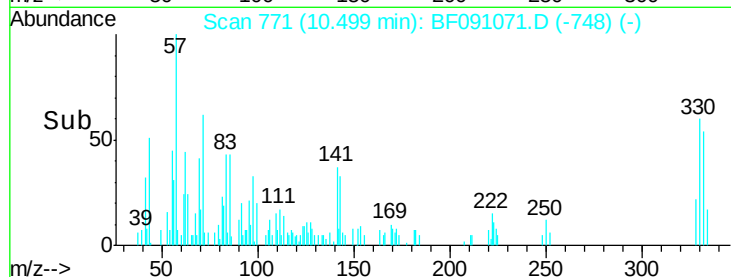
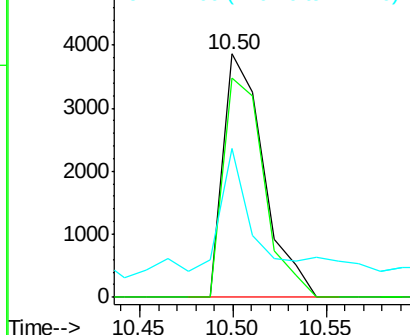
#41
 2,4,6-Tribromophenol
 Concen: 2.95 ng
 RT: 10.50 min Scan# 771
 Delta R.T. -0.03 min
 Lab File: BF091071.D
 Acq: 7 Nov 2016 22:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-107-1.0-1.5DL

Tgt Ion:330 Resp: 5858
 Ion Ratio Lower Upper
 330 100
 332 90.8 75.9 113.9
 141 64.2 36.1 54.1#

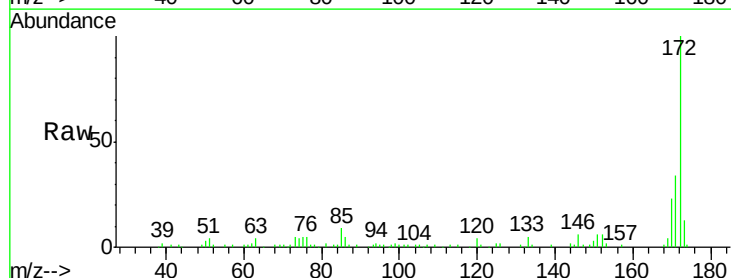


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

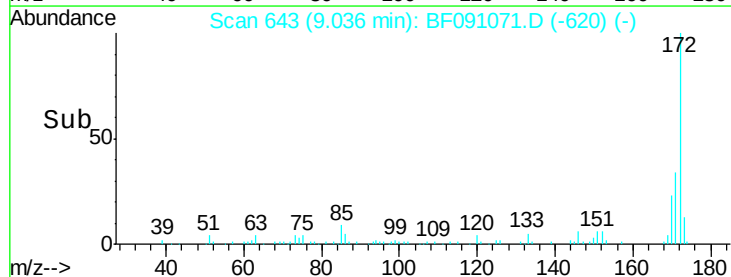
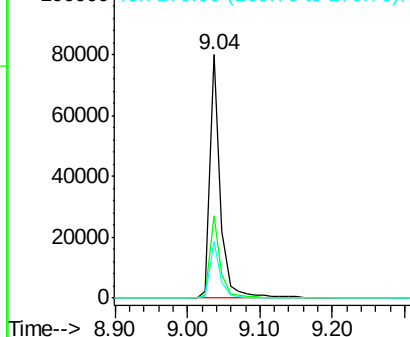


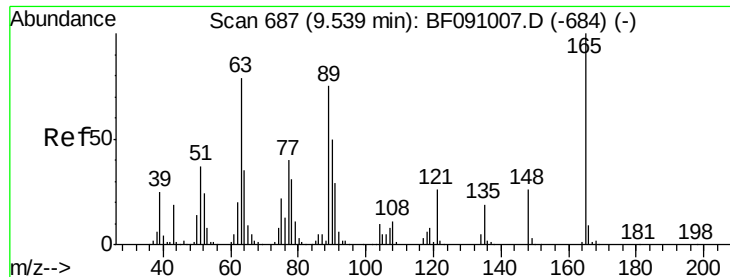
#44
 2-Fluorobiphenyl
 Concen: 6.25 ng
 RT: 9.04 min Scan# 643
 Delta R.T. -0.03 min
 Lab File: BF091071.D
 Acq: 7 Nov 2016 22:12

Tgt Ion:172 Resp: 79901
 Ion Ratio Lower Upper
 172 100
 171 33.7 29.8 44.6
 170 23.1 20.3 30.5



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

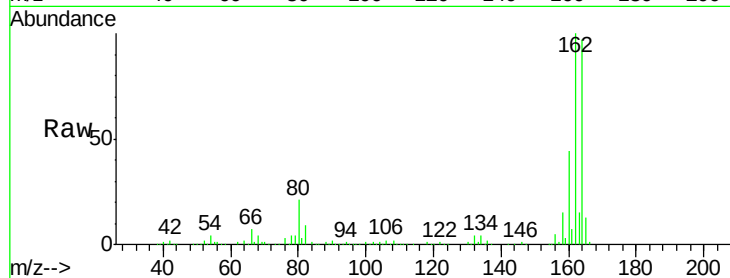




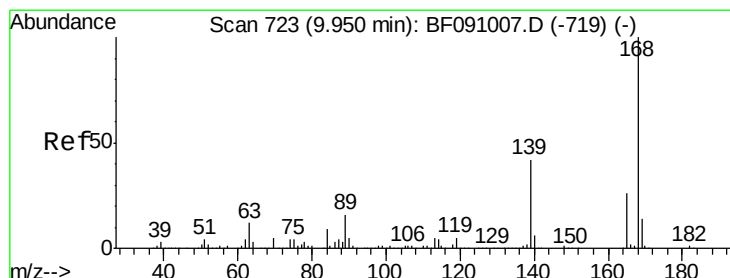
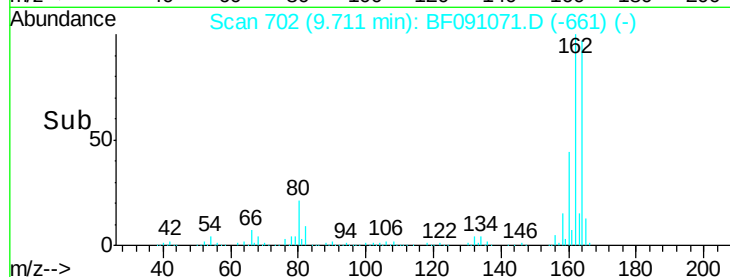
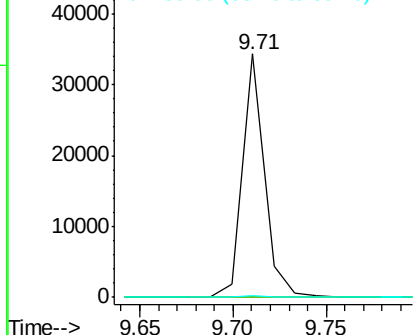
#50
 2,6-Dinitrotoluene
 Concen: 9.20 ng
 RT: 9.71 min Scan# 702
 Delta R.T. 0.17 min
 Lab File: BF091071.D
 Acq: 7 Nov 2016 22:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-107-1.0-1.5DL

Tgt Ion:165 Resp: 28432
 Ion Ratio Lower Upper
 165 100
 63 0.0 65.6 98.4#
 89 0.9 59.8 89.6#

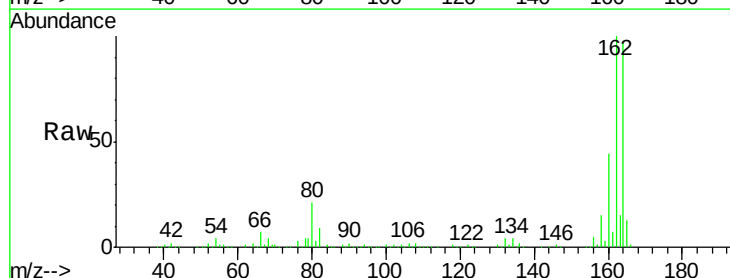


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

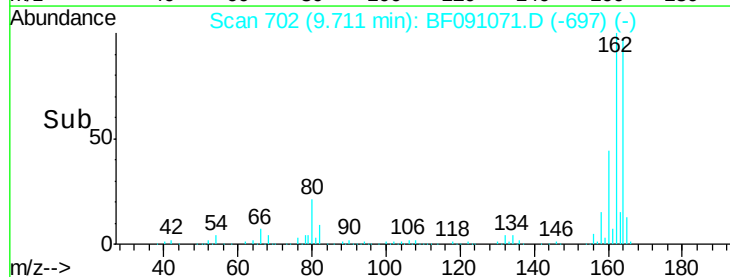
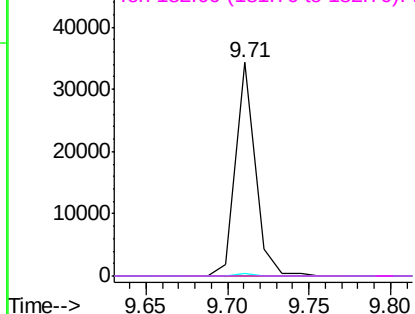


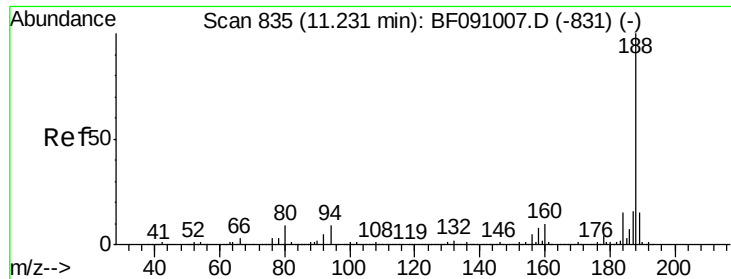
#56
 2,4-Dinitrotoluene
 Concen: 7.23 ng
 RT: 9.71 min Scan# 702
 Delta R.T. -0.24 min
 Lab File: BF091071.D
 Acq: 7 Nov 2016 22:12

Tgt Ion:165 Resp: 28433
 Ion Ratio Lower Upper
 165 100
 63 0.0 38.7 58.1#
 89 0.9 50.6 76.0#
 182 0.0 1.8 2.8#



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: 11.20 min Scan# 832

Delta R.T. -0.03 min

Lab File: BF091071.D

Acq: 7 Nov 2016 22:12

Instrument :

BNA_F

ClientSampleId :

SB-107-1.0-1.5DL

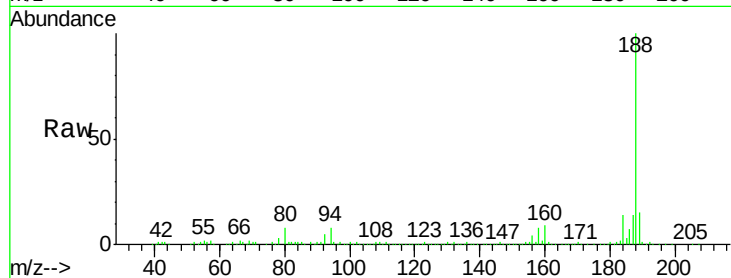
Tgt Ion:188 Resp: 345467

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.4

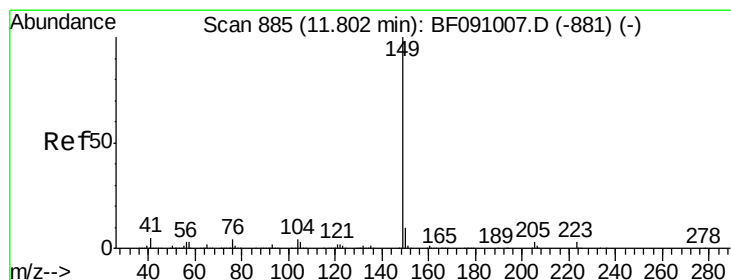
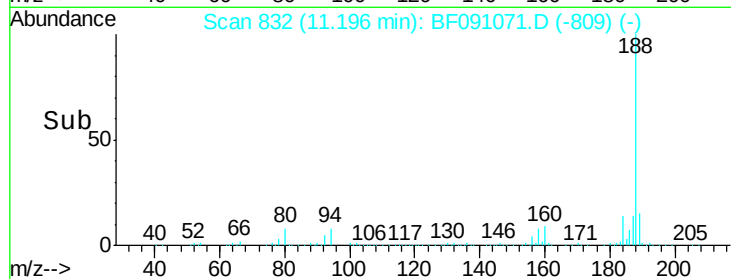
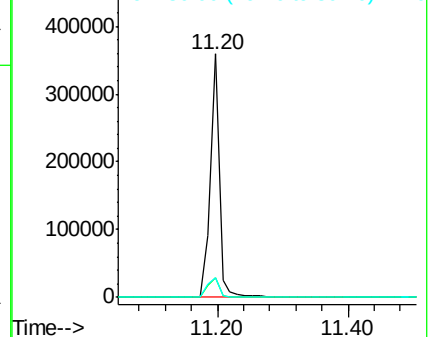
80 8.0 7.5 11.3



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



#73

Di-n-butylphthalate

Concen: 153.77 ng

RT: 11.78 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF091071.D

Acq: 7 Nov 2016 22:12

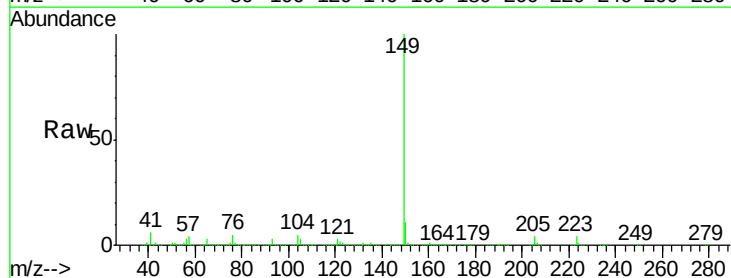
Tgt Ion:149 Resp: 3402760

Ion Ratio Lower Upper

149 100

150 10.6 7.7 11.5

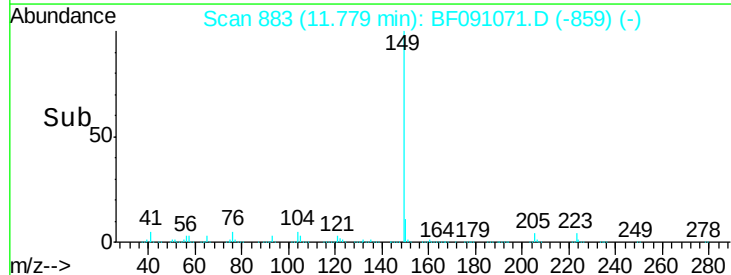
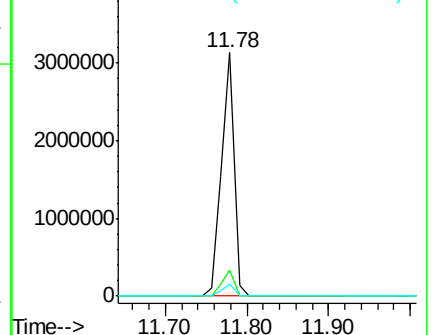
104 5.1 3.6 5.4

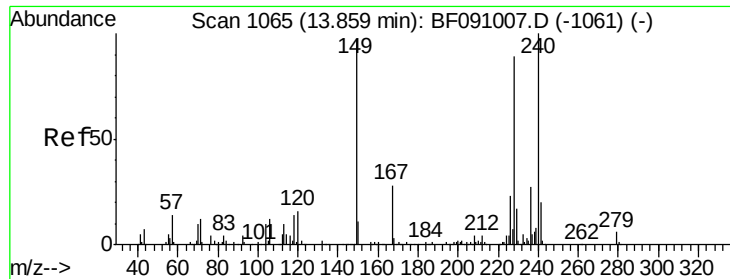


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1062

Delta R.T. -0.03 min

Lab File: BF091071.D

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SB-107-1.0-1.5DL

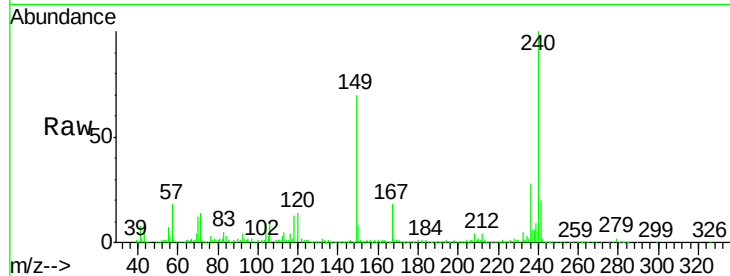
Tgt Ion:240 Resp: 369296

Ion Ratio Lower Upper

240 100

120 14.3 12.9 19.3

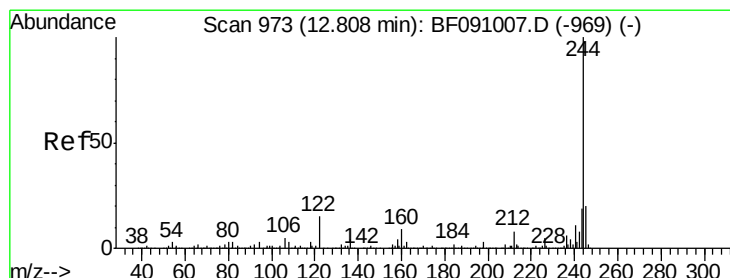
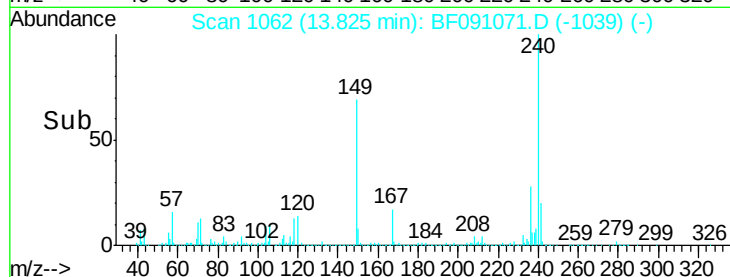
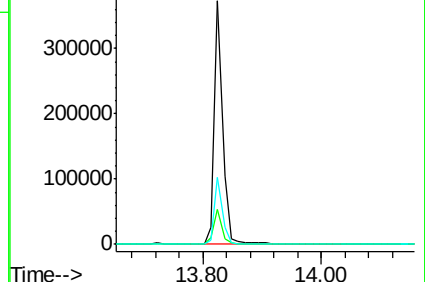
236 27.7 21.9 32.9



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: 5.04 ng

RT: 12.77 min Scan# 970

Delta R.T. -0.03 min

Lab File: BF091071.D

Acq: 7 Nov 2016 22:12

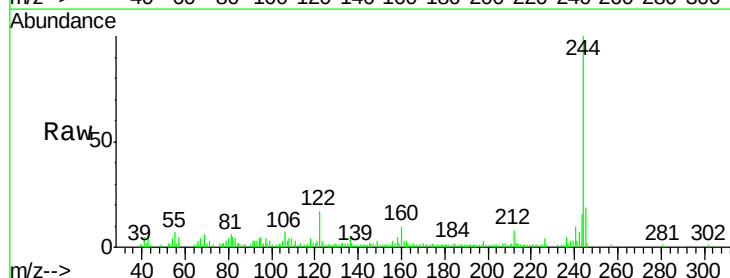
Tgt Ion:244 Resp: 74639

Ion Ratio Lower Upper

244 100

212 7.5 6.4 9.6

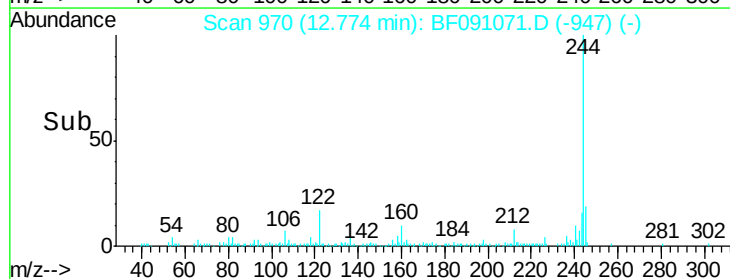
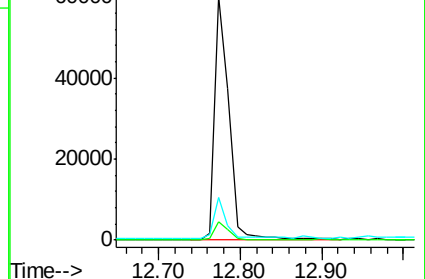
122 17.4 12.3 18.5

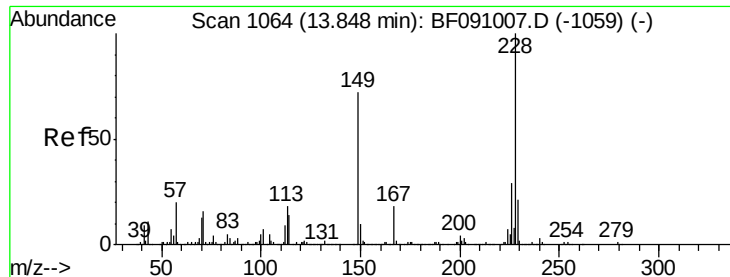


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

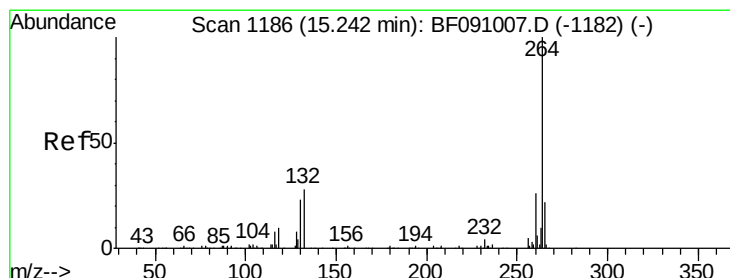
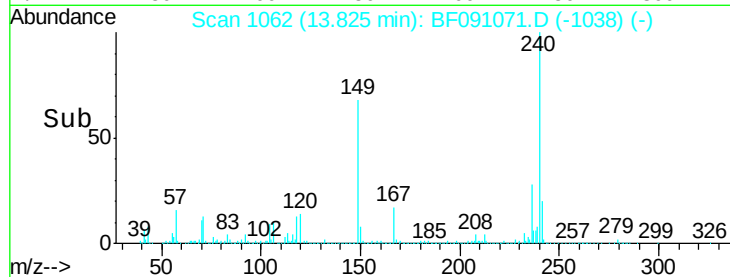
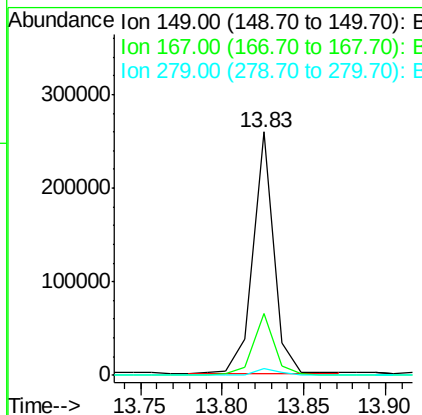
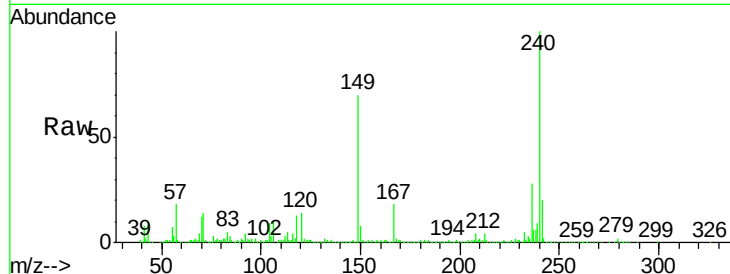




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 14.47 ng
 RT: 13.83 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BF091071.D
 Acq: 7 Nov 2016 22:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-107-1.0-1.5DL

Tgt Ion:	149	Resp:	226549
Ion	Ratio	Lower	Upper
149	100		
167	25.3	20.4	30.6
279	2.7	1.6	2.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.21 min Scan# 1183
 Delta R.T. -0.03 min
 Lab File: BF091071.D
 Acq: 7 Nov 2016 22:12

Tgt Ion:	264	Resp:	317594
Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.6	30.8
265	22.4	17.8	26.8

