

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092888.D
 Acq On : 10 Feb 2017 17:39
 Operator : SJ/MA
 Sample : PB96841BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BL

Quant Time: Feb 10 23:05:06 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

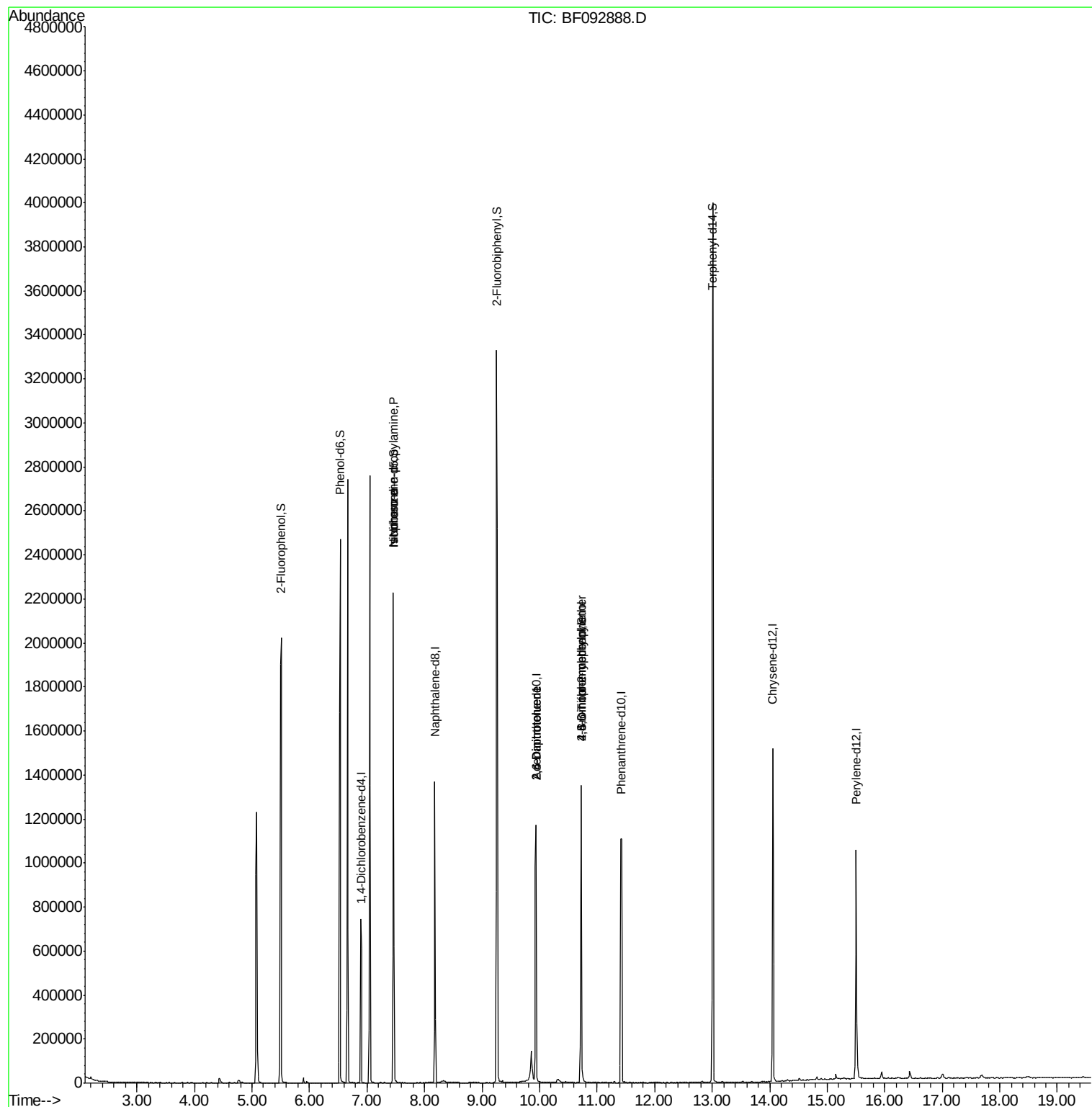
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	156912	20.00	ng	-0.07
21) Naphthalene-d8	8.18	136	642037	20.00	ng	-0.08
38) Acenaphthene-d10	9.94	164	378580	20.00	ng	-0.07
63) Phenanthrene-d10	11.42	188	652583	20.00	ng	-0.07
75) Chrysene-d12	14.05	240	556258	20.00	ng	-0.09
86) Perylene-d12	15.51	264	477809	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	802460	87.74	ng	-0.07
7) Phenol-d6	6.53	99	1070727	90.99	ng	-0.07
23) Nitrobenzene-d5	7.46	82	801044	69.48	ng	-0.08
41) 2,4,6-Tribromophenol	10.73	330	239448	87.45	ng	-0.08
44) 2-Fluorobiphenyl	9.25	172	1645106	78.73	ng	-0.08
78) Terphenyl-d14	13.01	244	1627435	68.74	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	108181	14.44	ng	# 80
25) Isophorone	7.46	82	795631	37.03	ng	# 65
50) 2,6-Dinitrotoluene	9.94	165	48388	8.79	ng	# 29
56) 2,4-Dinitrotoluene	9.94	165	48390	6.60	ng	# 18
64) 4,6-Dinitro-2-methylphenol	10.73	198	497	2.79	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	17218	2.53	ng	# 1

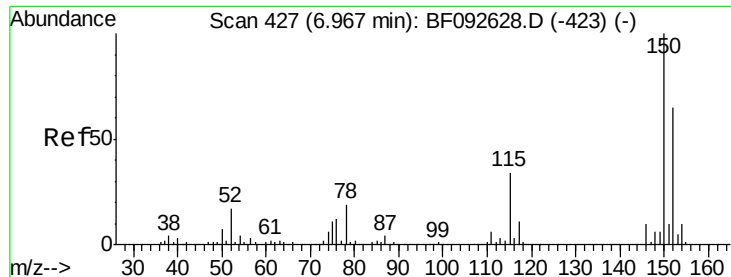
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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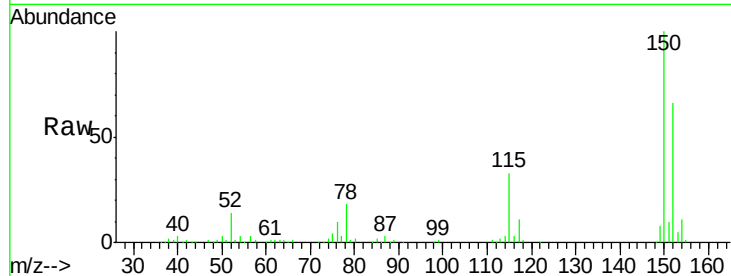




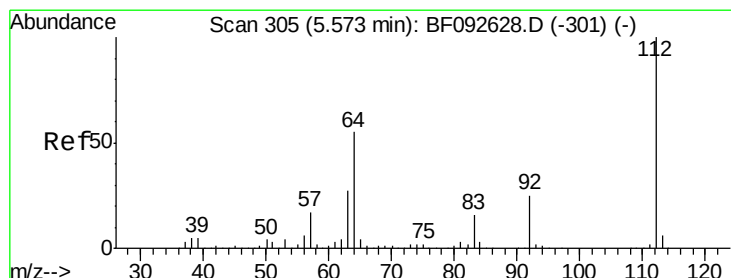
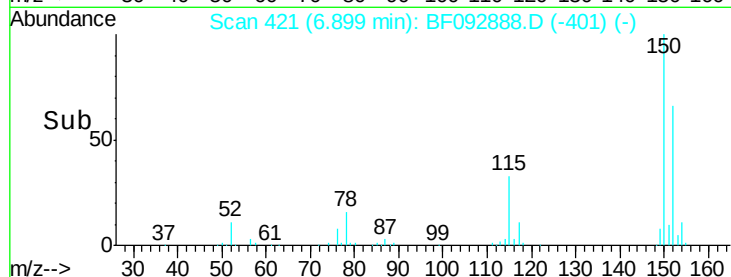
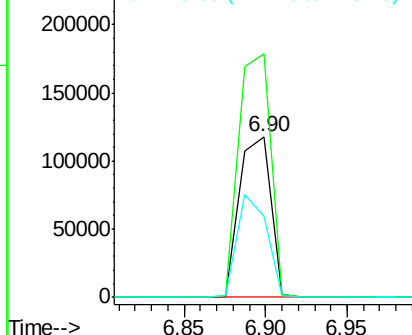
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.90 min Scan# 421
 Delta R.T. -0.07 min
 Lab File: BF092888.D
 Acq: 10 Feb 2017 17:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	151.3	124.9	187.3
115	50.4	46.0	69.0

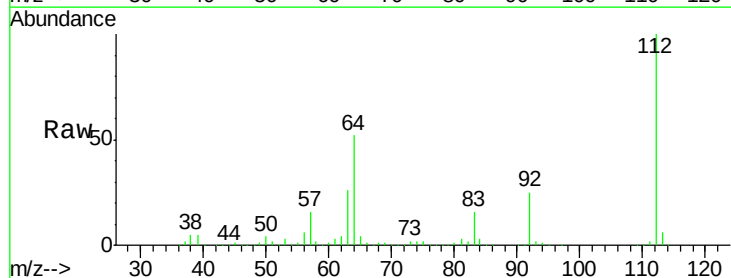


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

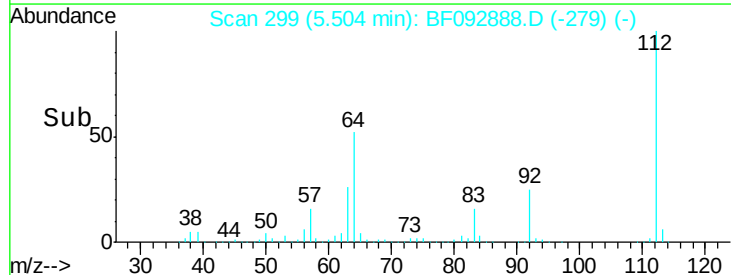
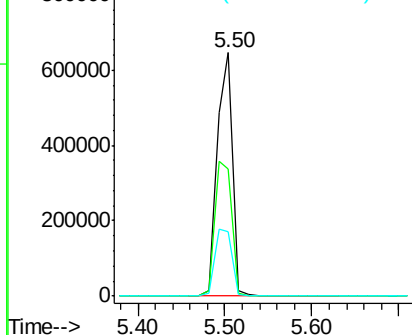


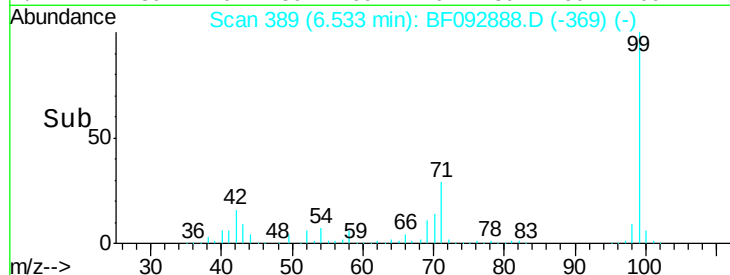
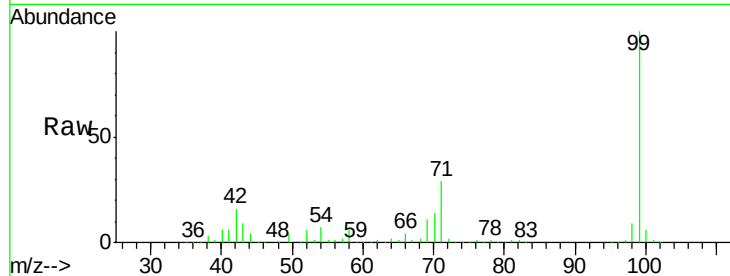
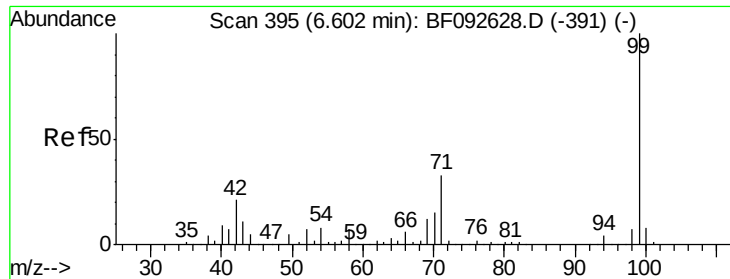
#5
 2-Fluorophenol
 Concen: 87.74 ng
 RT: 5.50 min Scan# 299
 Delta R.T. -0.07 min
 Lab File: BF092888.D
 Acq: 10 Feb 2017 17:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	52.3	46.1	69.1
63	26.3	23.8	35.6



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: 90.99 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.07 min

Lab File: BF092888.D

Acq: 10 Feb 2017 17:39

Instrument :

BNA_F

ClientSampleId :

PB96841BL

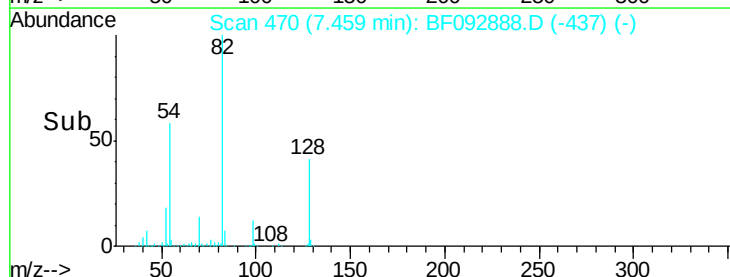
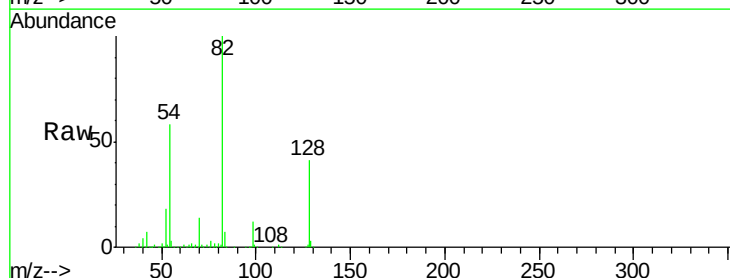
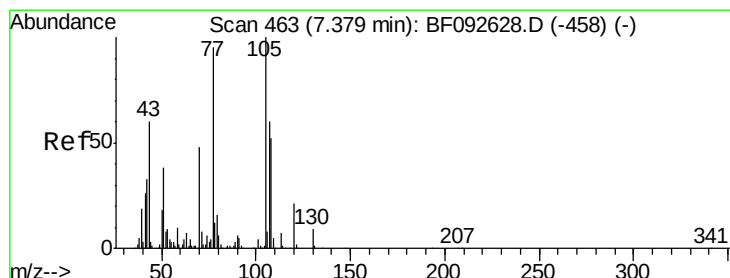
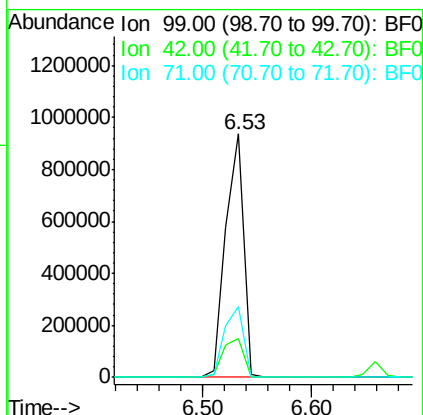
Tgt Ion: 99 Resp: 1070727

Ion Ratio Lower Upper

99 100

42 16.1 15.6 23.4

71 29.2 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.44 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.08 min

Lab File: BF092888.D

Acq: 10 Feb 2017 17:39

Tgt Ion: 70 Resp: 108181

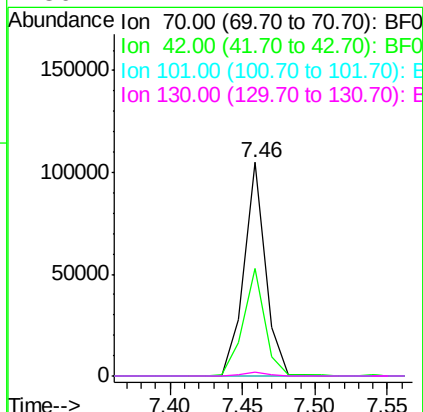
Ion Ratio Lower Upper

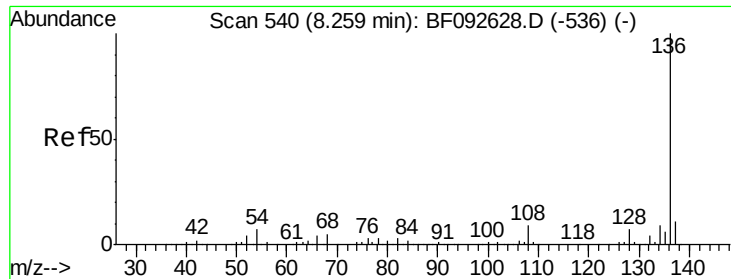
70 100

42 50.2 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

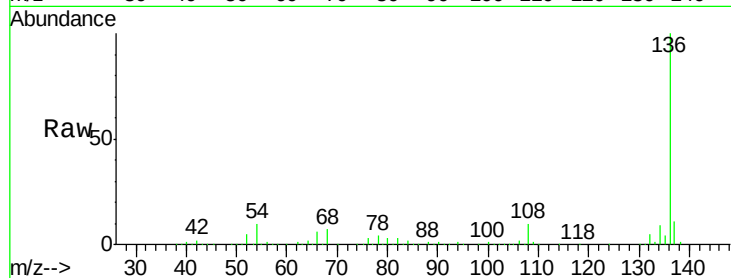




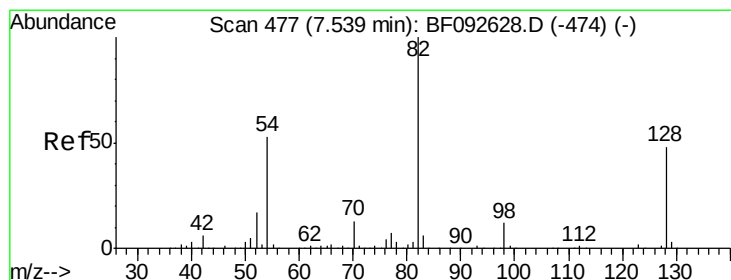
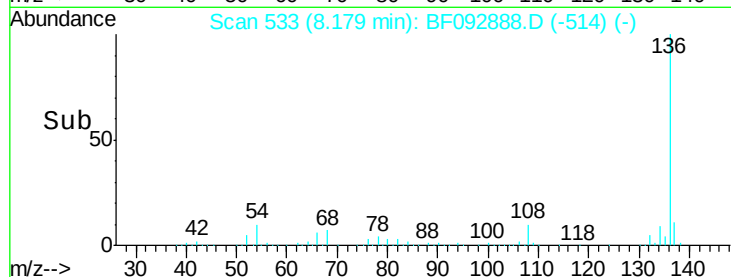
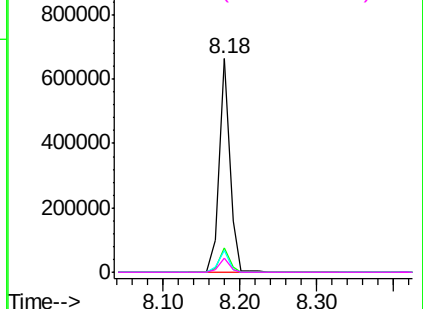
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF092888.D
Acq: 10 Feb 2017 17:39

Instrument :
BNA_F
ClientSampleId :
PB96841BL

Tgt Ion:	136	Resp:	642037
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	10.5	4.5	6.7#
68	6.7	3.6	5.4#

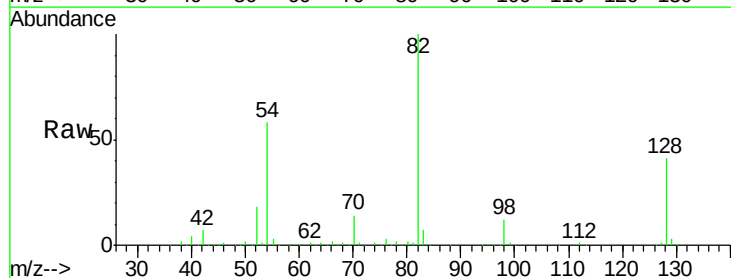


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

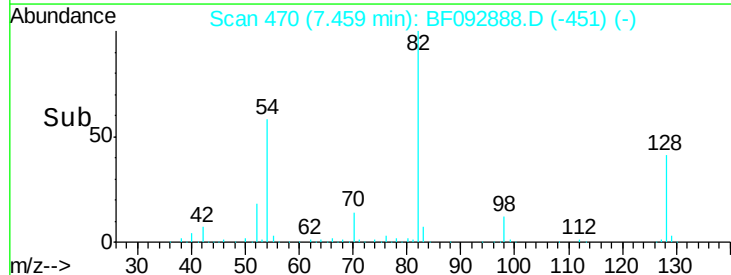
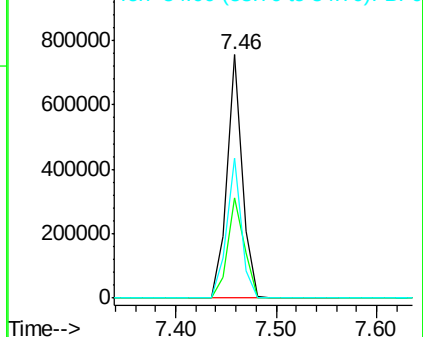


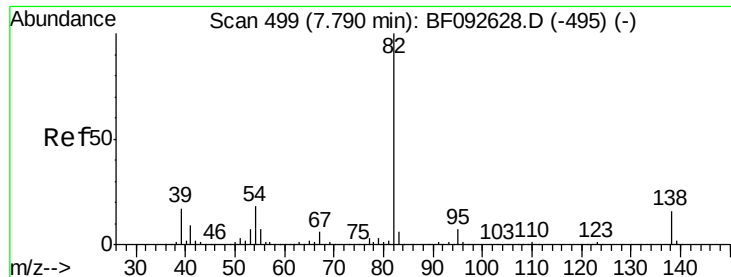
#23
Nitrobenzene-d5
Concen: 69.48 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.08 min
Lab File: BF092888.D
Acq: 10 Feb 2017 17:39

Tgt Ion:	82	Resp:	801044
Ion	Ratio	Lower	Upper
82	100		
128	41.4	34.6	52.0
54	57.7	39.5	59.3



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





#25

Isophorone

Concen: 37.03 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.33 min

Lab File: BF092888.D

Acq: 10 Feb 2017 17:39

Instrument :

BNA_F

ClientSampleID :

PB96841BL

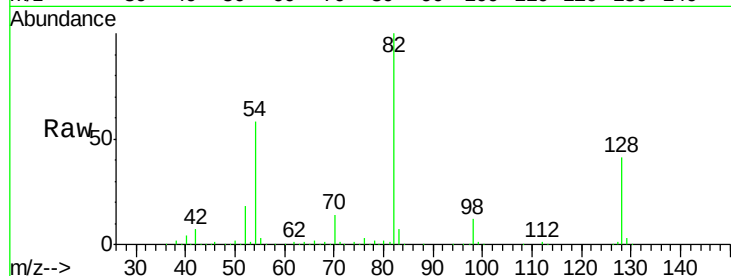
Tgt Ion: 82 Resp: 795631

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

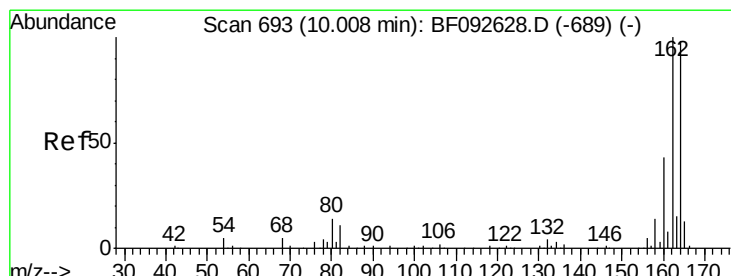
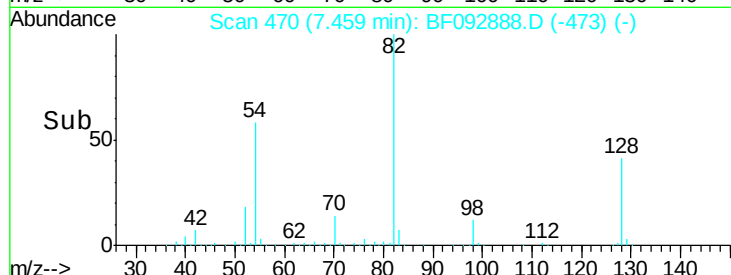
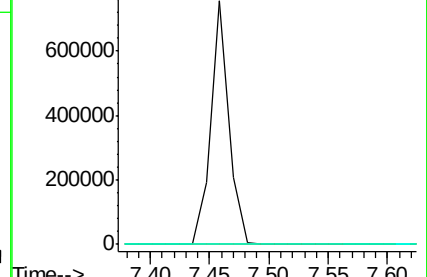
138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.07 min

Lab File: BF092888.D

Acq: 10 Feb 2017 17:39

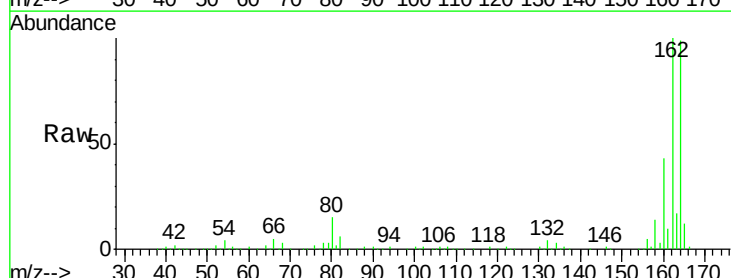
Tgt Ion: 164 Resp: 378580

Ion Ratio Lower Upper

164 100

162 101.2 80.2 120.2

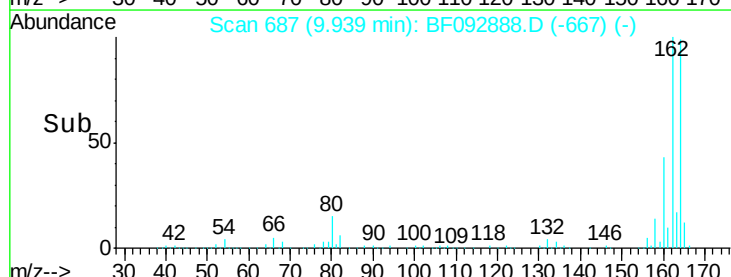
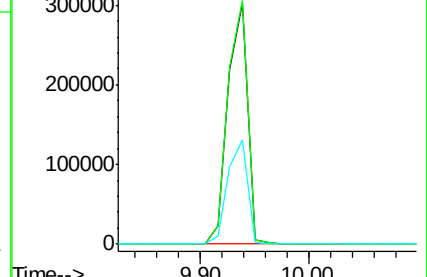
160 43.3 36.9 55.3

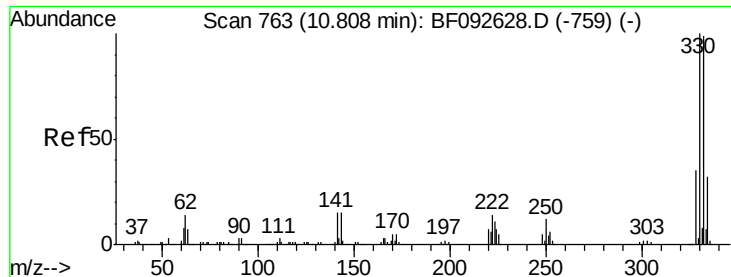


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

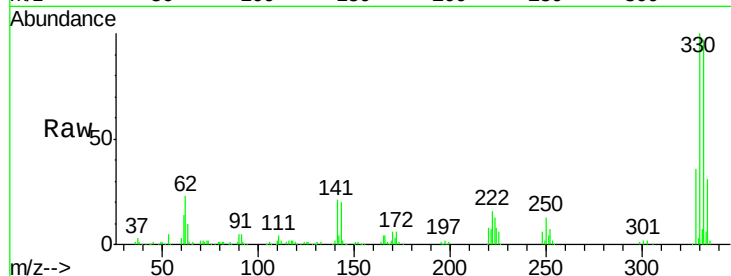




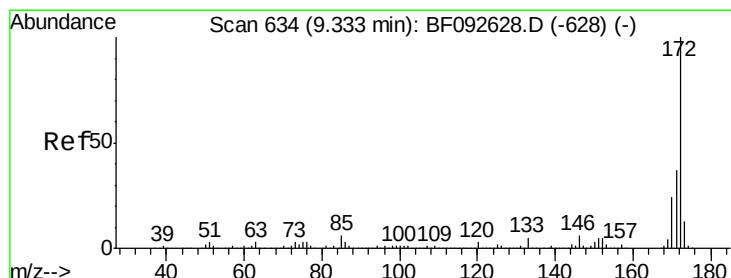
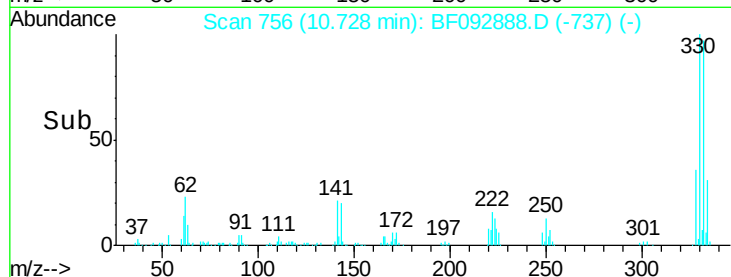
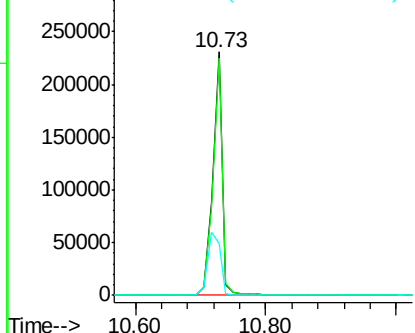
#41
 2,4,6-Tribromophenol
 Concen: 87.45 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.08 min
 Lab File: BF092888.D
 Acq: 10 Feb 2017 17:39

Instrument :
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 ClientSampleId :
 PB96841BL

Tgt Ion:330 Resp: 239448
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 34.4 34.1 51.1

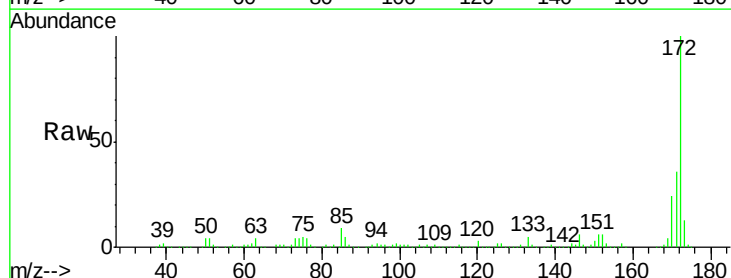


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

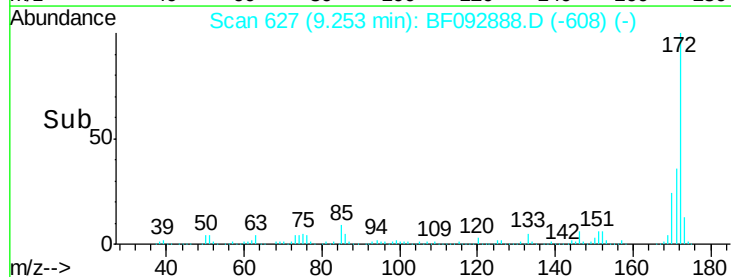
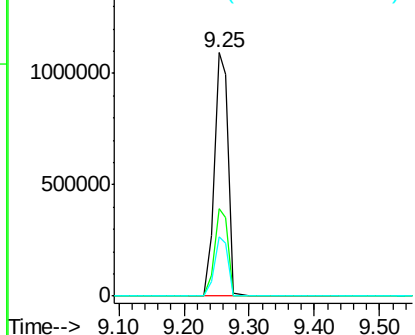


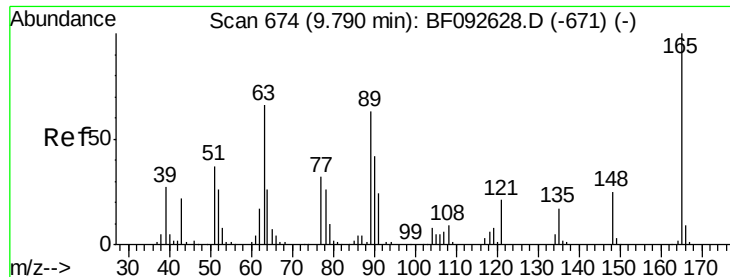
#44
 2-Fluorobiphenyl
 Concen: 78.73 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.08 min
 Lab File: BF092888.D
 Acq: 10 Feb 2017 17:39

Tgt Ion:172 Resp: 1645106
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.3 20.2 30.4



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

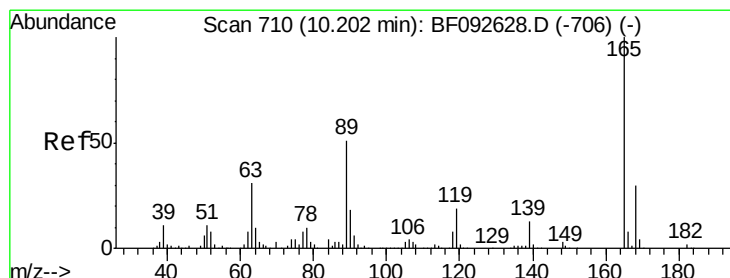
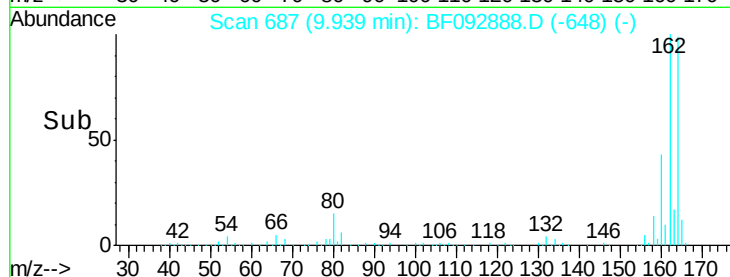
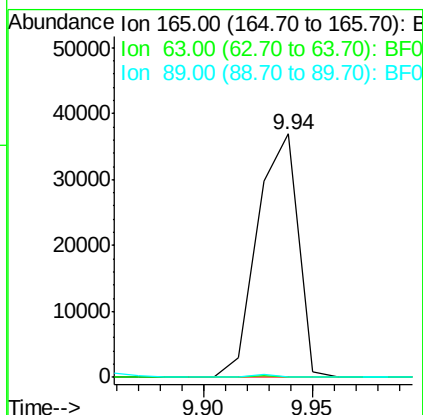
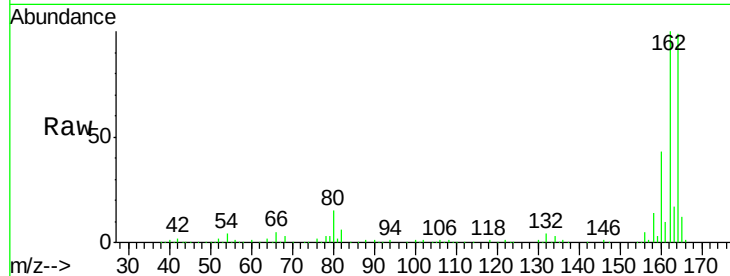




#50
 2,6-Dinitrotoluene
 Concen: 8.79 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.15 min
 Lab File: BF092888.D
 Acq: 10 Feb 2017 17:39

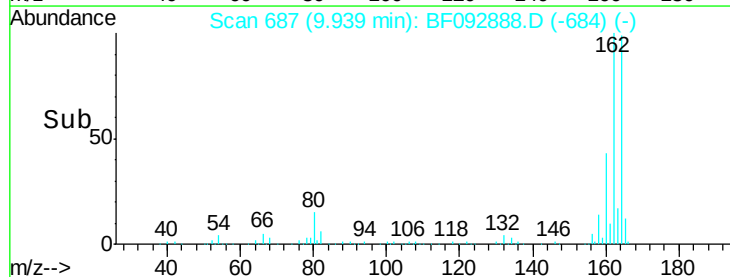
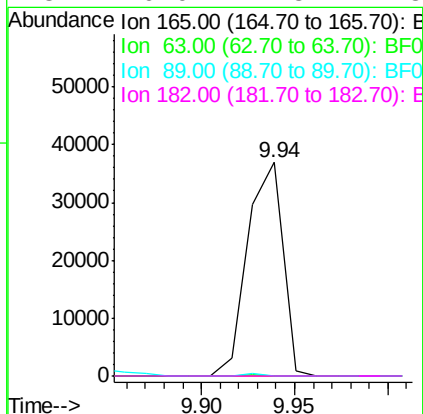
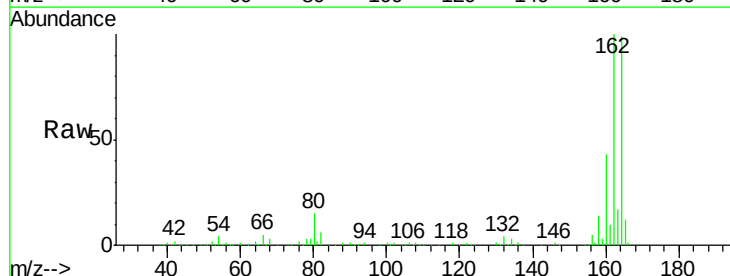
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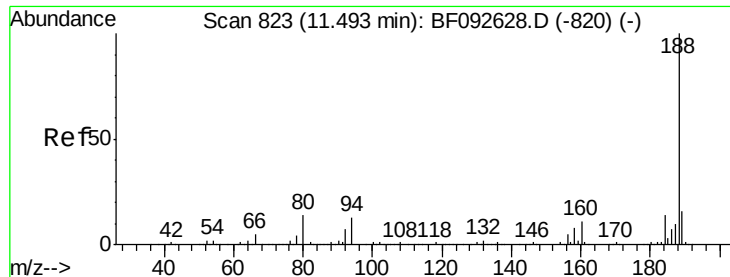
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.4#
89	0.0	40.2	60.4#



#56
 2,4-Dinitrotoluene
 Concen: 6.60 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.26 min
 Lab File: BF092888.D
 Acq: 10 Feb 2017 17:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.2	60.4#
89	0.0	62.5	93.7#
182	0.0	1.8	2.8#

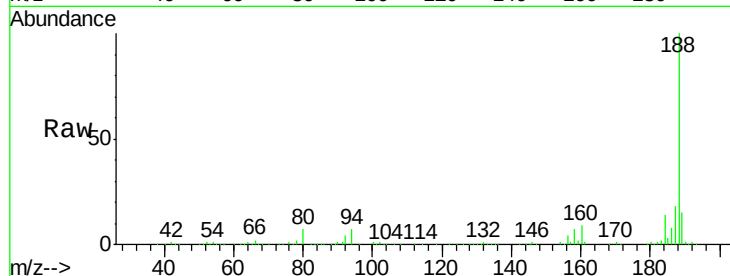




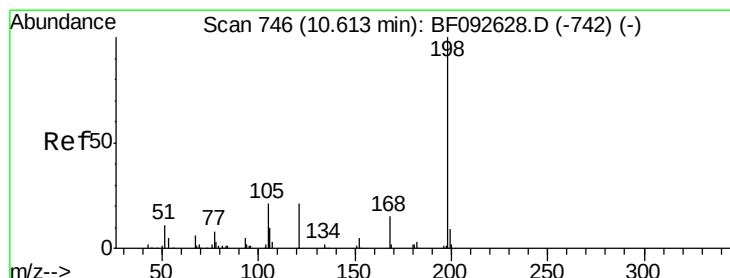
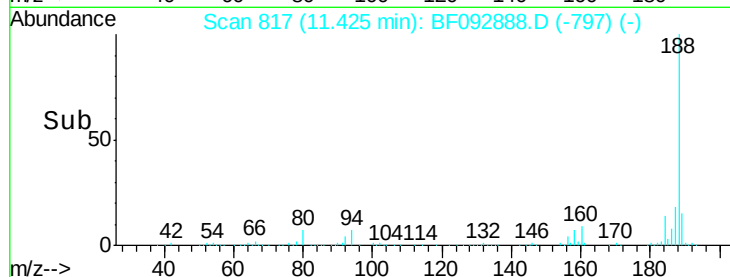
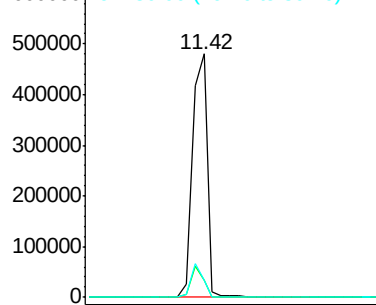
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. -0.07 min
Lab File: BF092888.D
Acq: 10 Feb 2017 17:39

Instrument :
BNA_F
ClientSampleId :
PB96841BL

Tgt Ion:188 Resp: 652583
Ion Ratio Lower Upper
188 100
94 7.0 10.0 15.0#
80 7.1 11.2 16.8#

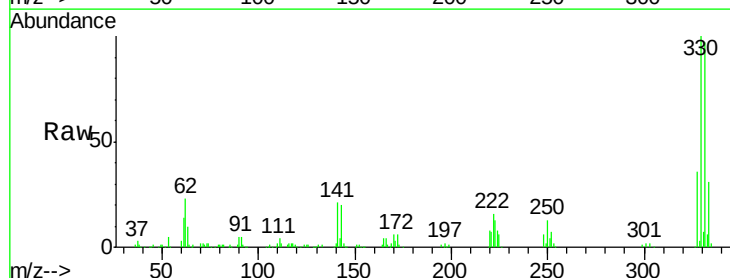


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

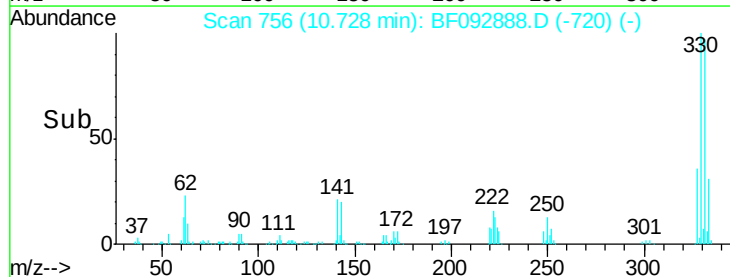
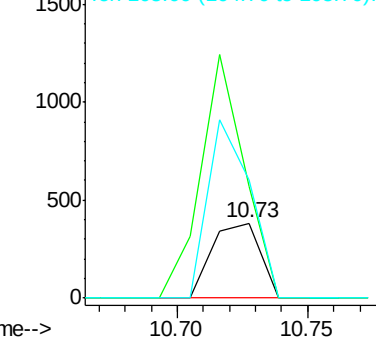


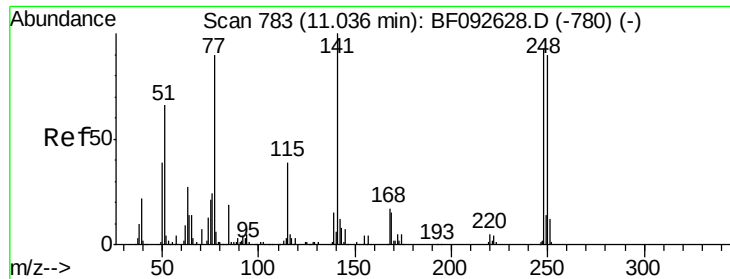
#64
4,6-Dinitro-2-methylphenol
Concen: 2.79 ng
RT: 10.73 min Scan# 756
Delta R.T. 0.11 min
Lab File: BF092888.D
Acq: 10 Feb 2017 17:39

Tgt Ion:198 Resp: 497
Ion Ratio Lower Upper
198 100
51 149.3 6.7 46.7#
105 157.7 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

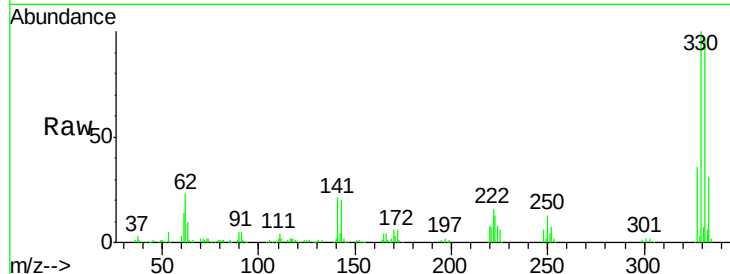




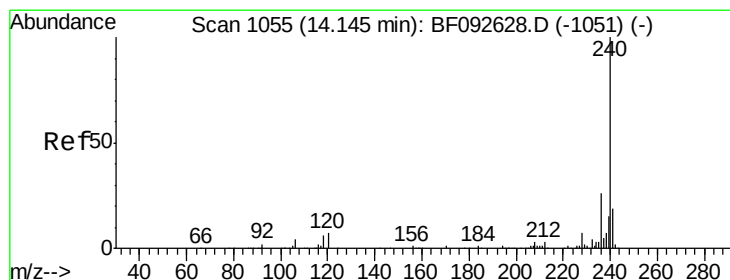
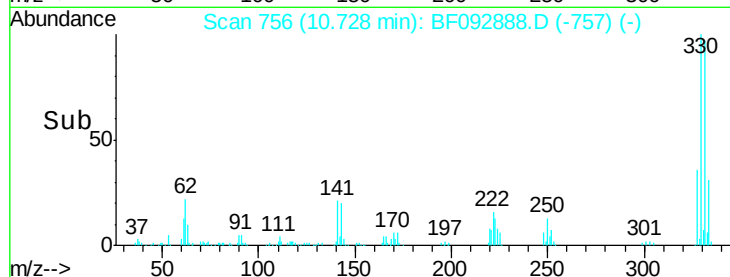
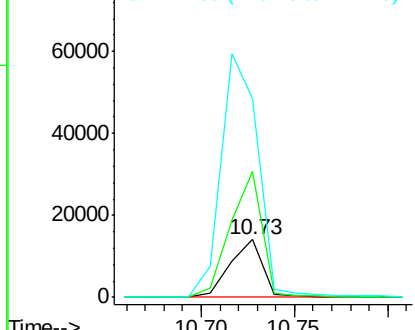
#66
 4-Bromophenyl-phenylether
 Concen: 2.53 ng
 RT: 10.73 min Scan# 756
 Delta R.T. -0.31 min
 Lab File: BF092888.D
 Acq: 10 Feb 2017 17:39

Instrument :
 BNA_F
 ClientSampleId :
 PB96841BL

Tgt Ion:248 Resp: 17218
 Ion Ratio Lower Upper
 248 100
 250 217.0 76.9 115.3#
 141 342.3 68.2 102.4#

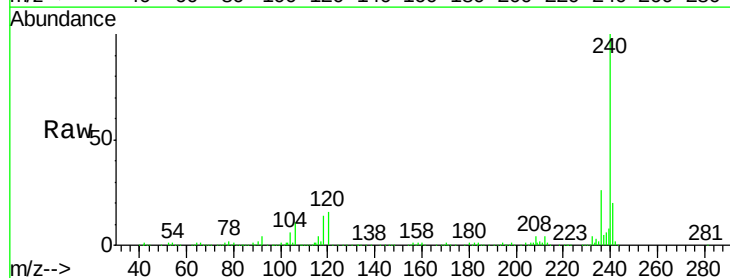


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

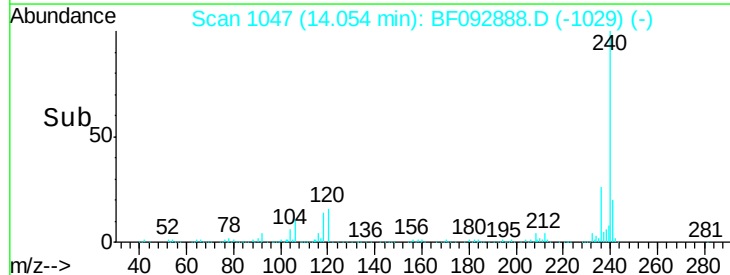
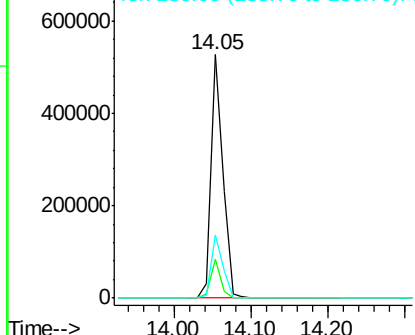


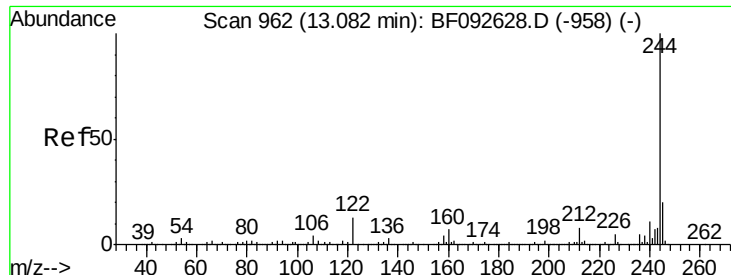
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.09 min
 Lab File: BF092888.D
 Acq: 10 Feb 2017 17:39

Tgt Ion:240 Resp: 556258
 Ion Ratio Lower Upper
 240 100
 120 16.0 12.9 19.3
 236 26.0 20.9 31.3



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: 68.74 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.07 min

Lab File: BF092888.D

Acq: 10 Feb 2017 17:39

Instrument :

BNA_F

ClientSampleId :

PB96841BL

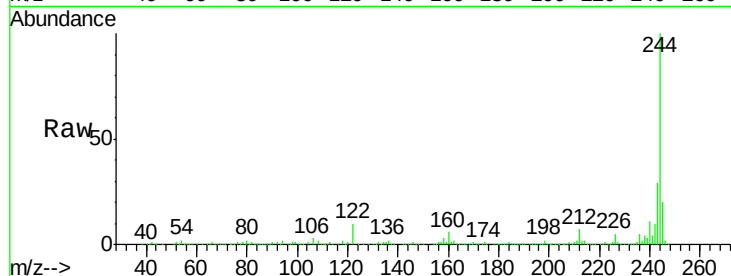
Tgt Ion:244 Resp: 1627435

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

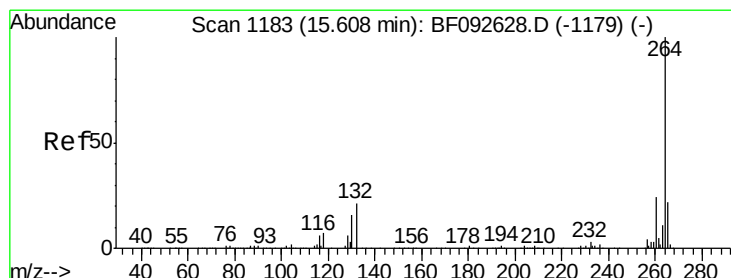
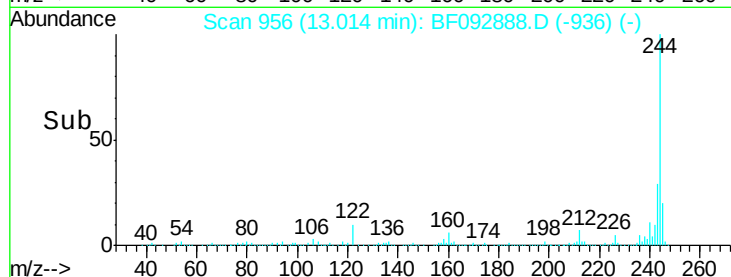
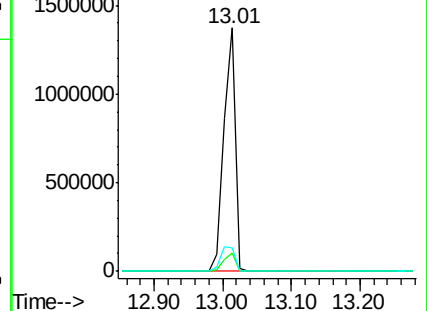
122 9.6 11.4 17.2#



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



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.51 min Scan# 1174

Delta R.T. -0.10 min

Lab File: BF092888.D

Acq: 10 Feb 2017 17:39

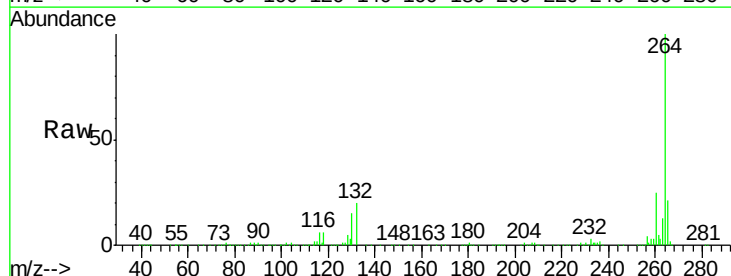
Tgt Ion:264 Resp: 477809

Ion Ratio Lower Upper

264 100

260 24.6 19.2 28.8

265 21.4 17.4 26.0



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

