

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042116\
 Data File : BF086348.D
 Acq On : 21 Apr 2016 17:22
 Operator : UM/SJ
 Sample : PB89669BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89669BL

Quant Time: Apr 22 00:49:43 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 15:45:26 2016
 Response via : Initial Calibration

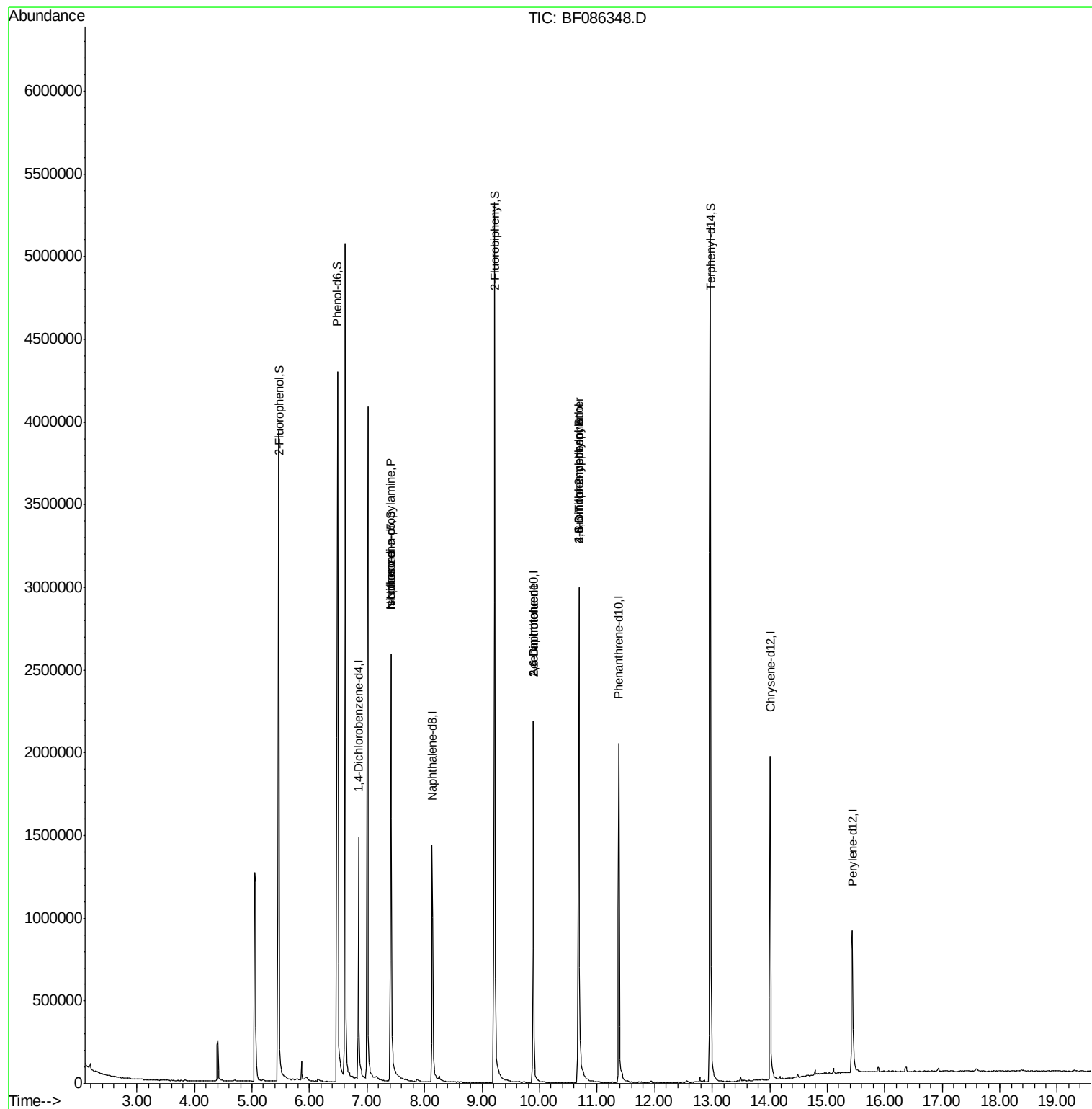
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	266836	20.00	ng	-0.05
21) Naphthalene-d8	8.13	136	1105564	20.00	ng	-0.05
38) Acenaphthene-d10	9.89	164	533585	20.00	ng	-0.05
63) Phenanthrene-d10	11.38	188	1080652	20.00	ng	-0.03
75) Chrysene-d12	14.01	240	813837	20.00	ng	-0.05
86) Perylene-d12	15.44	264	537059	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1864403	121.91	ng	-0.01
7) Phenol-d6	6.49	99	2035016	101.68	ng	-0.03
23) Nitrobenzene-d5	7.41	82	1436369	74.41	ng	-0.05
41) 2,4,6-Tribromophenol	10.68	330	491020	118.06	ng	-0.05
44) 2-Fluorobiphenyl	9.22	172	2410419	86.75	ng	-0.05
78) Terphenyl-d14	12.97	244	2145162	62.74	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	181324	14.96	ng	# 81
25) Isophorone	7.41	82	1189500	32.52	ng	# 67
50) 2,6-Dinitrotoluene	9.89	165	64576	7.72	ng	# 32
56) 2,4-Dinitrotoluene	9.89	165	67127	6.46	ng	# 31
64) 4,6-Dinitro-2-methylphenol	10.68	198	965	6.31	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	30576	2.63	ng	# 1

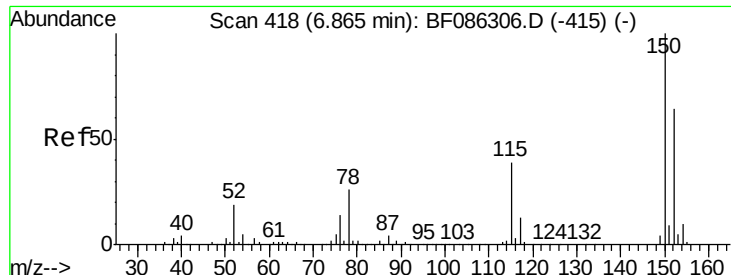
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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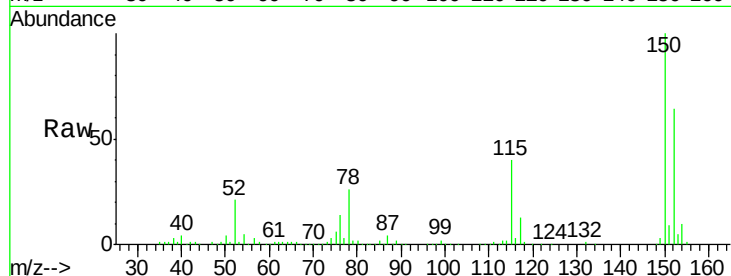




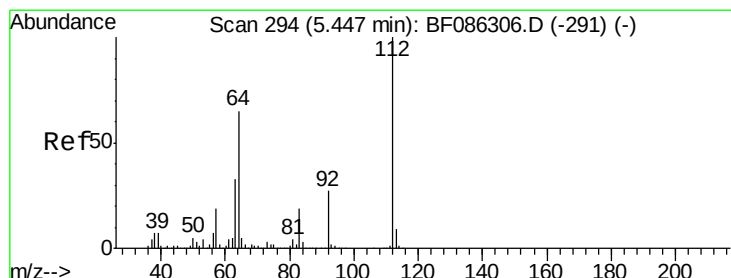
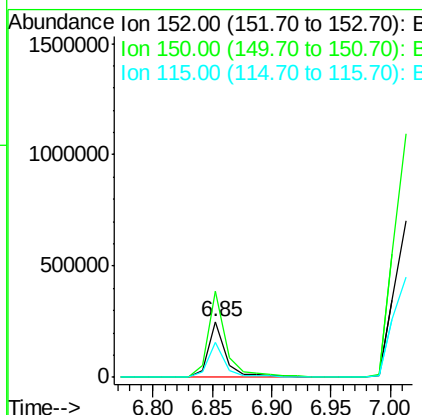
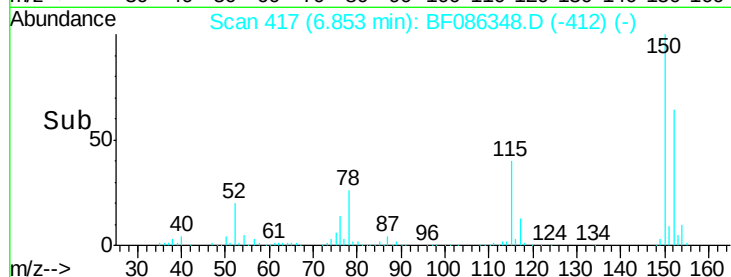
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.05 min
 Lab File: BF086348.D
 Acq: 21 Apr 2016 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB89669BL

Tgt Ion:152 Resp: 266836
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.1 186.1
 115 62.3 43.9 65.9

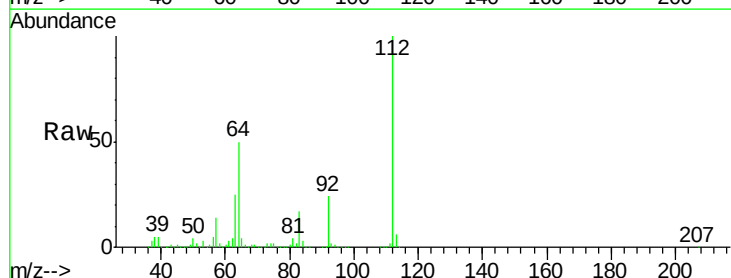


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

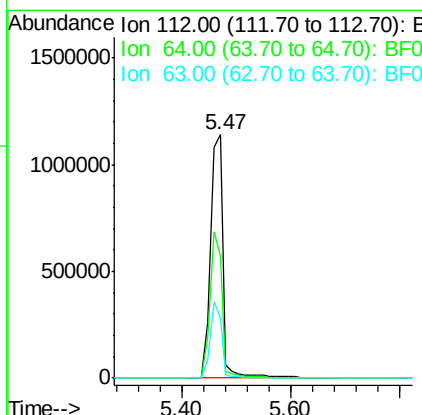
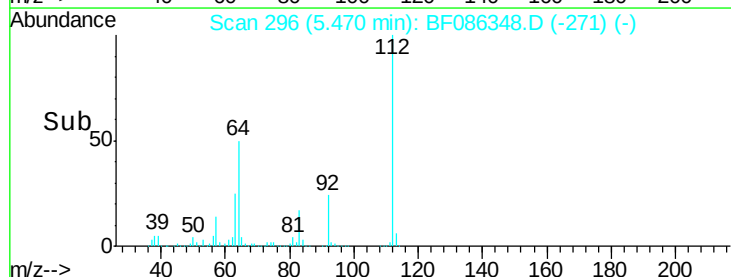


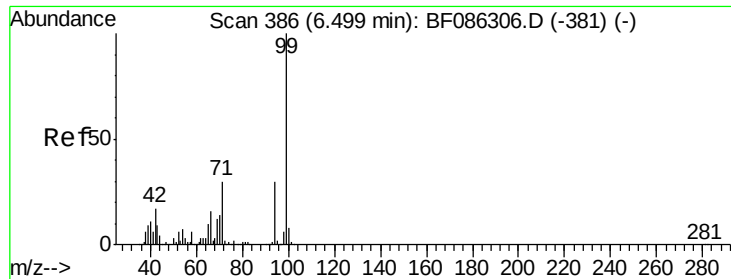
#5
 2-Fluorophenol
 Concen: 121.91 ng
 RT: 5.47 min Scan# 296
 Delta R.T. -0.01 min
 Lab File: BF086348.D
 Acq: 21 Apr 2016 17:22

Tgt Ion:112 Resp: 1864403
 Ion Ratio Lower Upper
 112 100
 64 50.2 48.1 72.1
 63 25.0 25.5 38.3#



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: 101.68 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.03 min

Lab File: BF086348.D

Acq: 21 Apr 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB89669BL

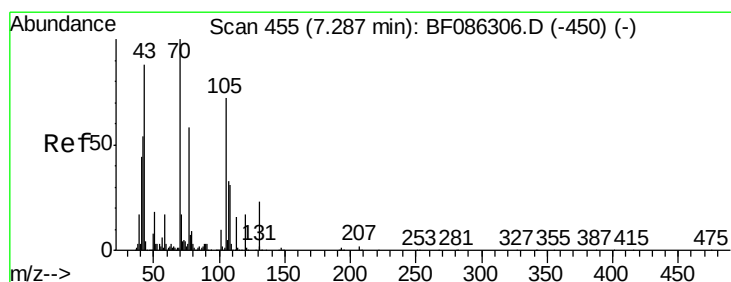
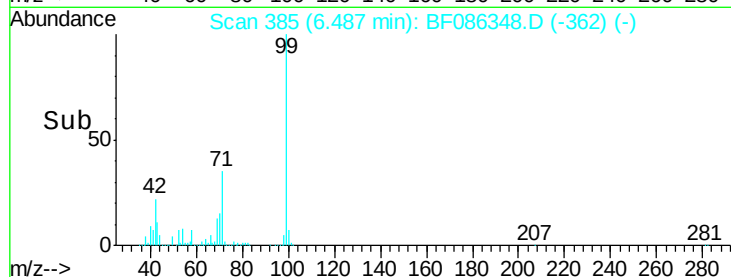
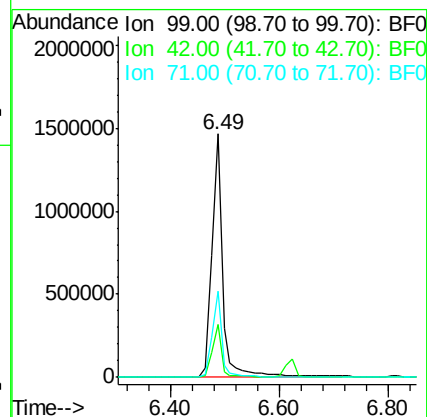
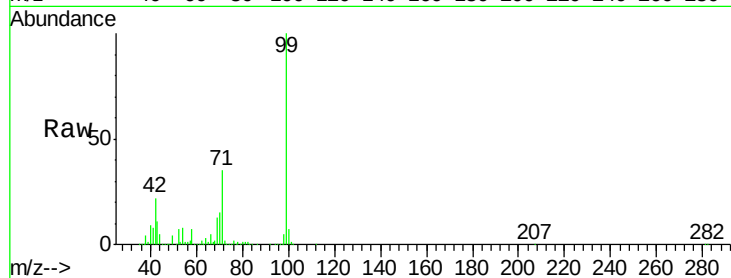
Tgt Ion: 99 Resp: 2035016

Ion Ratio Lower Upper

99 100

42 21.9 15.4 23.2

71 35.4 25.6 38.4



#19

n-Nitroso-di-n-propylamine

Concen: 14.96 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.10 min

Lab File: BF086348.D

Acq: 21 Apr 2016 17:22

Tgt Ion: 70 Resp: 181324

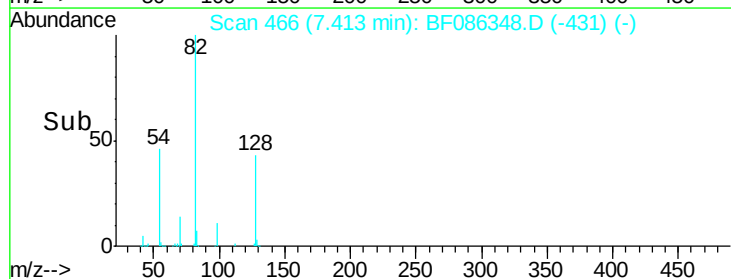
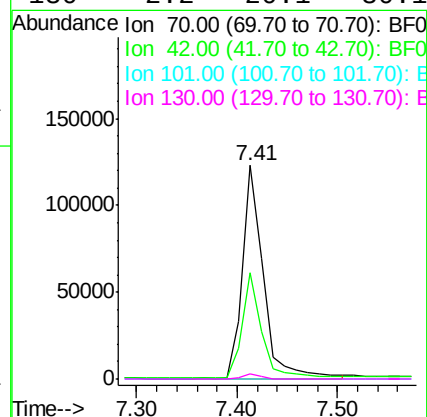
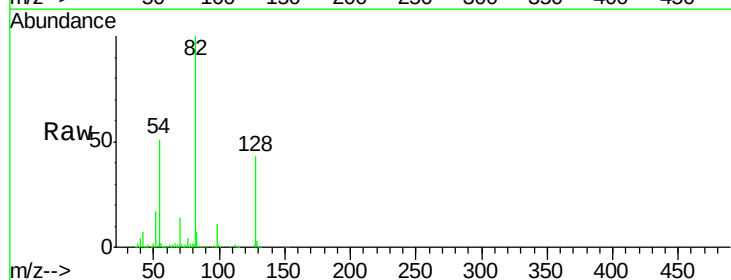
Ion Ratio Lower Upper

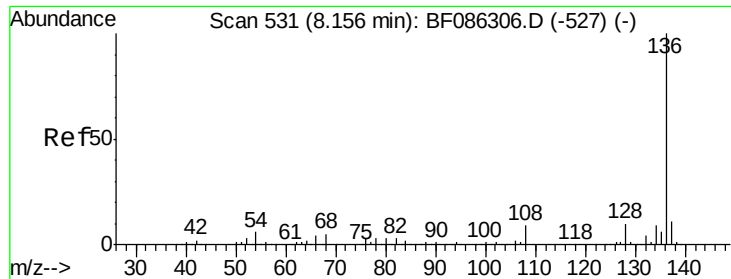
70 100

42 49.7 43.0 64.4

101 0.0 8.1 12.1#

130 2.2 20.1 30.1#



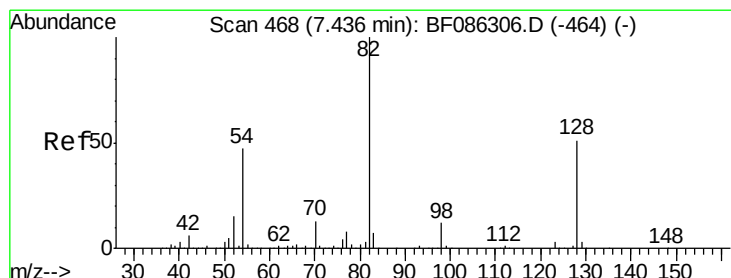
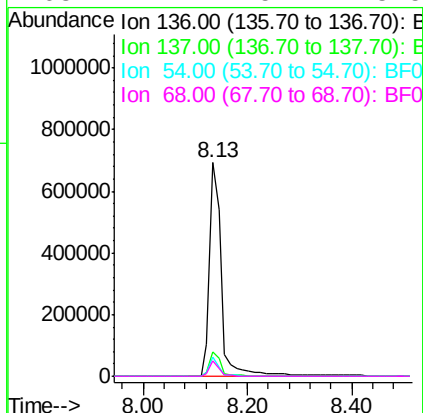
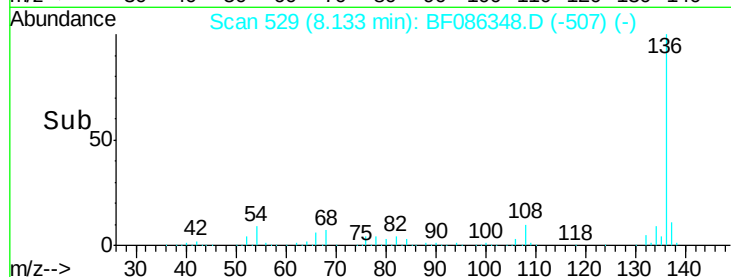
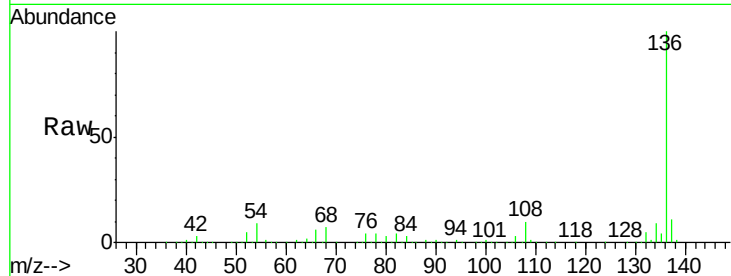


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.05 min
Lab File: BF086348.D
Acq: 21 Apr 2016 17:22

Instrument :
BNA_F
ClientSampleId :
PB89669BL

Tgt Ion: 136 Resp: 1105564

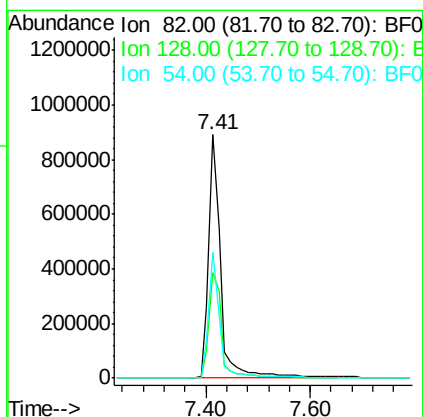
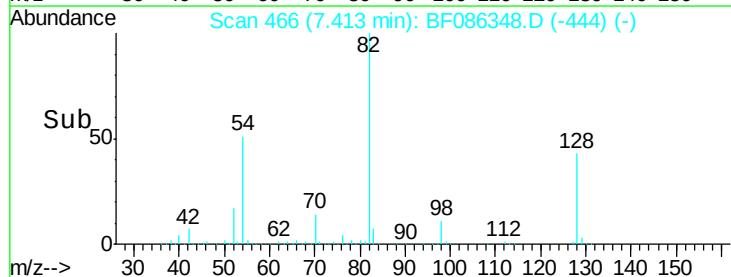
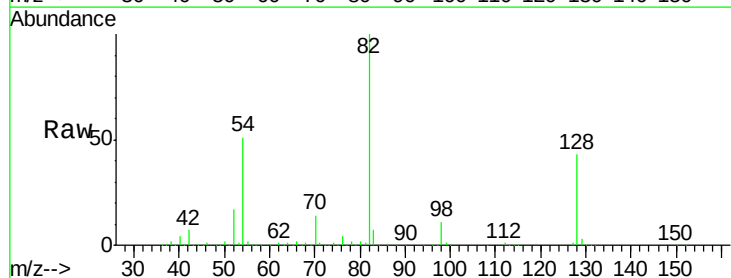
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	9.1	7.3	10.9
68	7.4	5.7	8.5

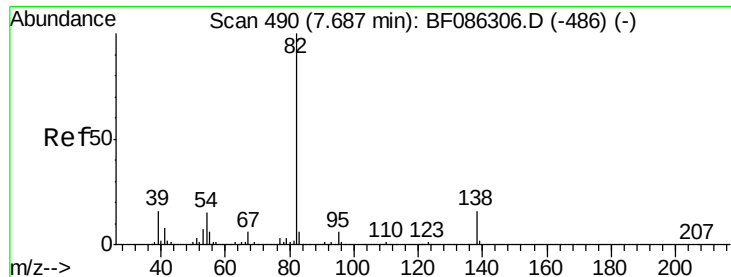


#23
Nitrobenzene-d5
Concen: 74.41 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.05 min
Lab File: BF086348.D
Acq: 21 Apr 2016 17:22

Tgt Ion: 82 Resp: 1436369

Ion	Ratio	Lower	Upper
82	100		
128	43.2	35.4	53.2
54	51.4	43.4	65.0





#25

Isophorone

Concen: 32.52 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.31 min

Lab File: BF086348.D

Acq: 21 Apr 2016 17:22

Instrument :

BNA_F

ClientSampleId :

PB89669BL

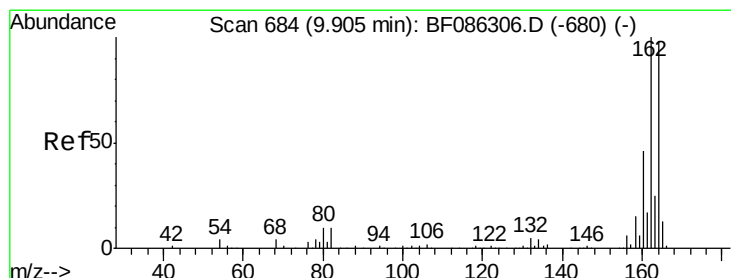
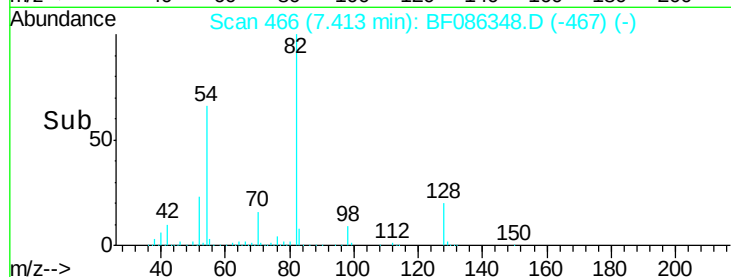
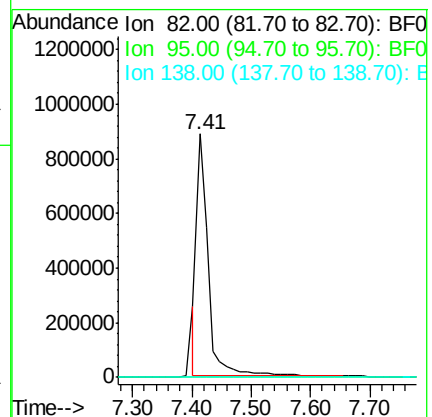
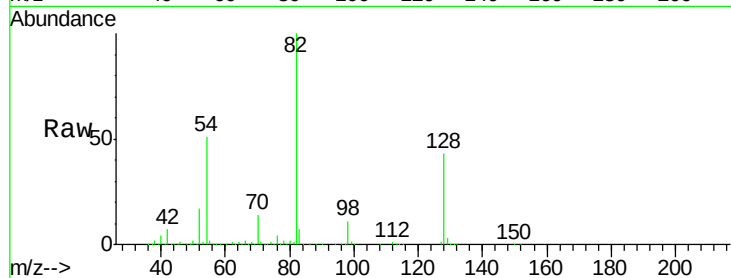
Tgt Ion: 82 Resp: 1189500

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 13.4 20.2#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.05 min

Lab File: BF086348.D

Acq: 21 Apr 2016 17:22

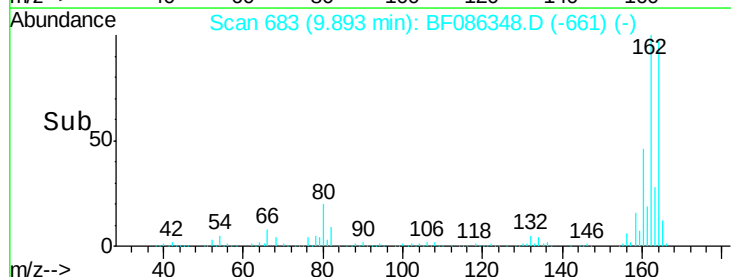
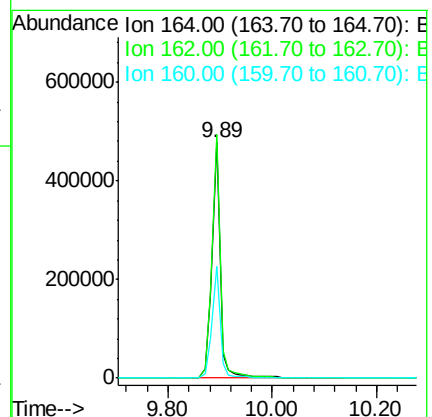
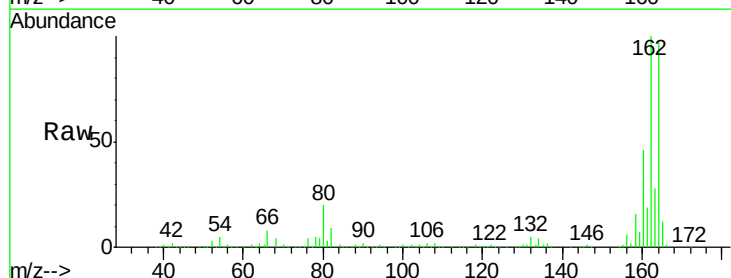
Tgt Ion: 164 Resp: 533585

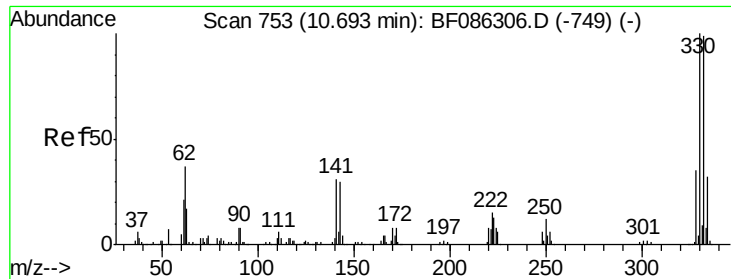
Ion Ratio Lower Upper

164 100

162 103.3 82.8 124.2

160 47.3 38.9 58.3

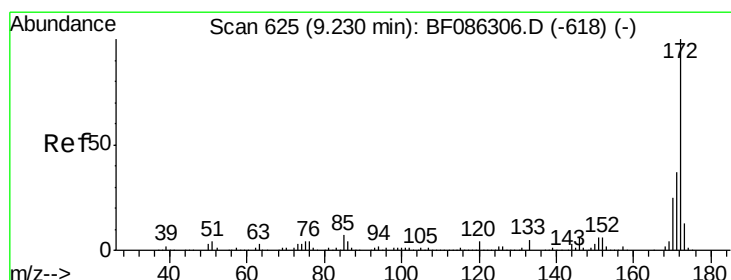
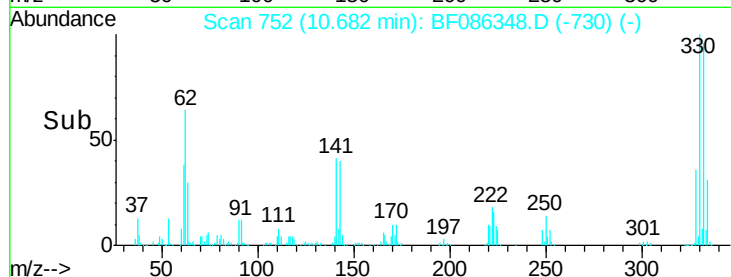
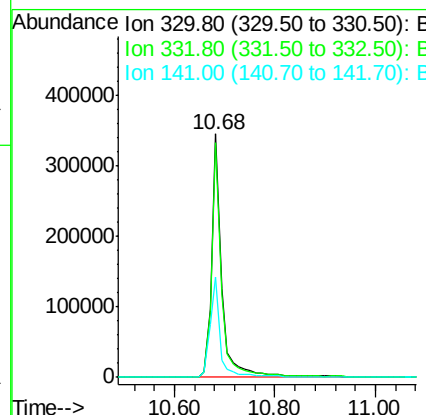
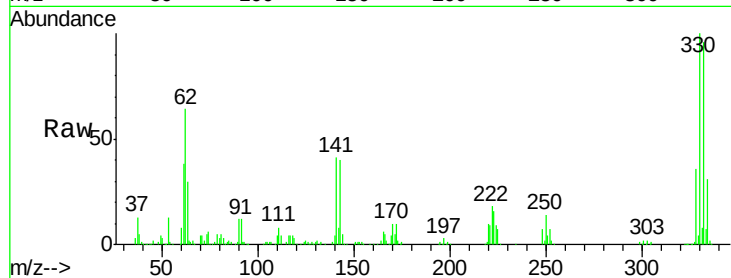




#41
 2,4,6-Tribromophenol
 Concen: 118.06 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.05 min
 Lab File: BF086348.D
 Acq: 21 Apr 2016 17:22

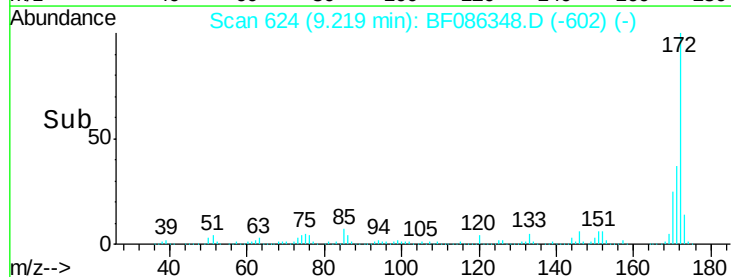
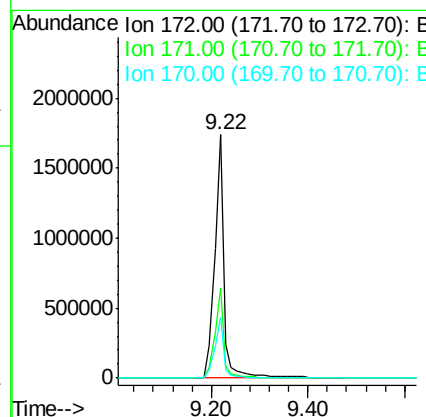
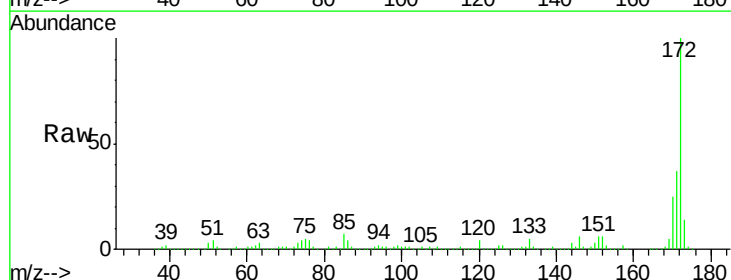
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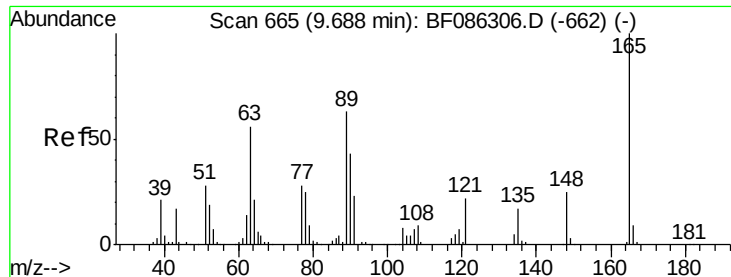
Tgt Ion:330 Resp: 491020
 Ion Ratio Lower Upper
 330 100
 332 94.9 78.7 118.1
 141 41.6 28.6 42.8



#44
 2-Fluorobiphenyl
 Concen: 86.75 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.05 min
 Lab File: BF086348.D
 Acq: 21 Apr 2016 17:22

Tgt Ion:172 Resp: 2410419
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.1 43.7
 170 25.0 19.9 29.9

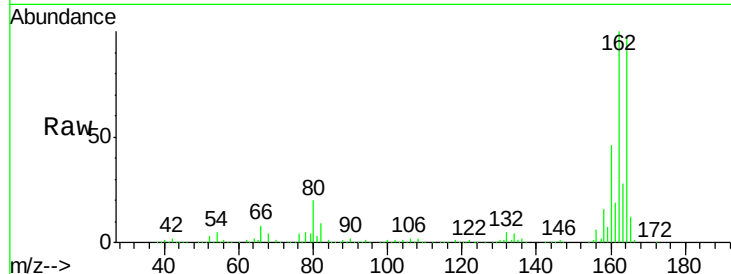




#50
 2,6-Dinitrotoluene
 Concen: 7.72 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.17 min
 Lab File: BF086348.D
 Acq: 21 Apr 2016 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB89669BL

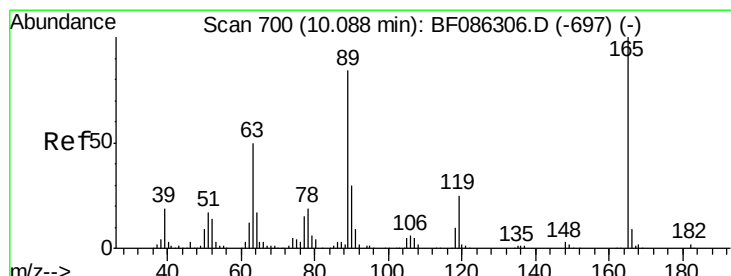
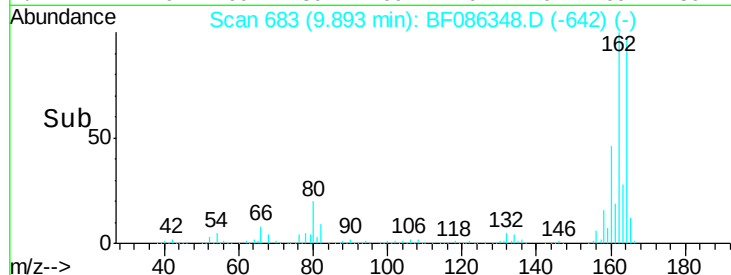
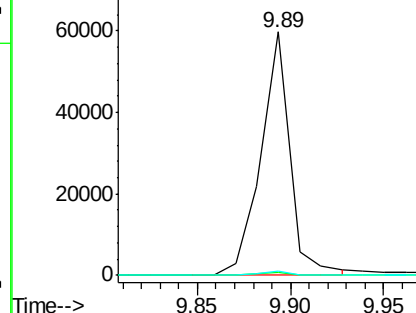
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	35.1	52.7#
89	2.0	39.8	59.6#



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: 6.46 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.23 min
 Lab File: BF086348.D
 Acq: 21 Apr 2016 17:22

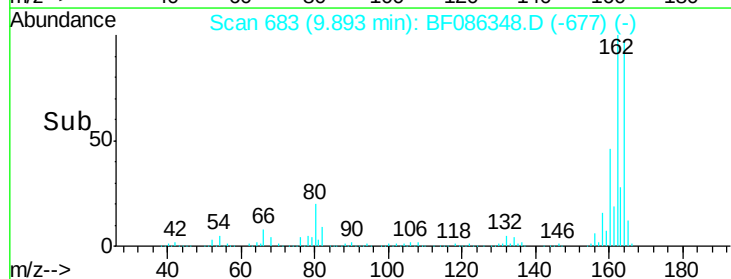
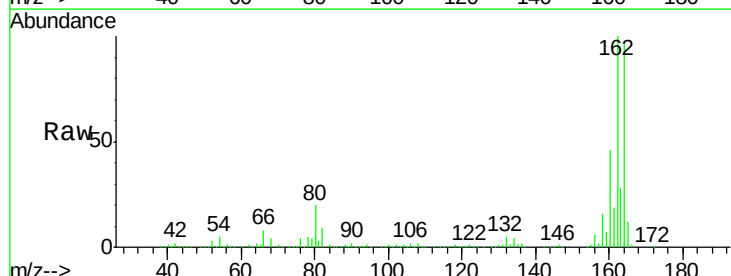
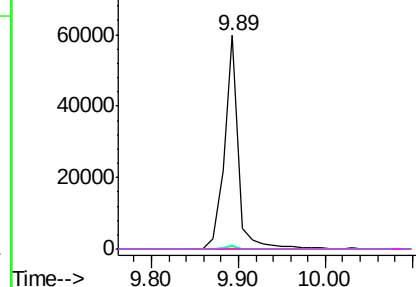
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	26.6	40.0#
89	2.0	49.5	74.3#
182	0.0	1.9	2.9#

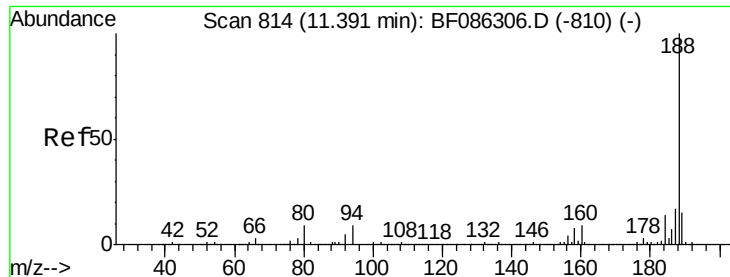
Abundance Ion 165.00 (164.70 to 165.70): E

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

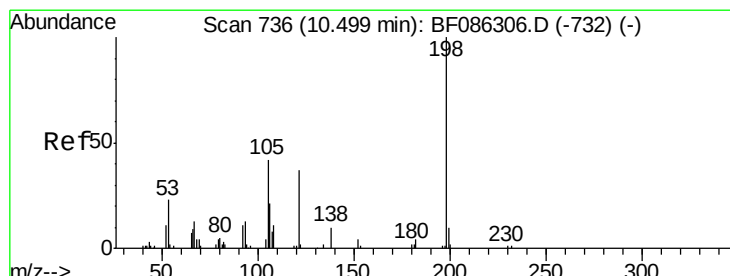
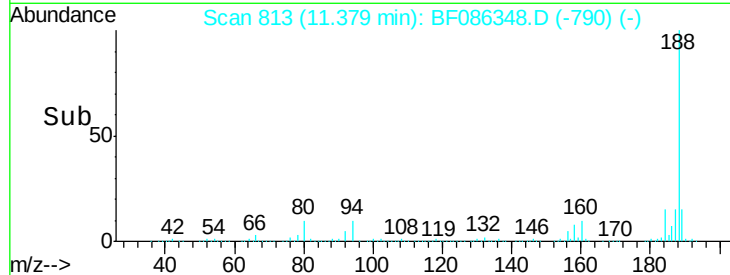
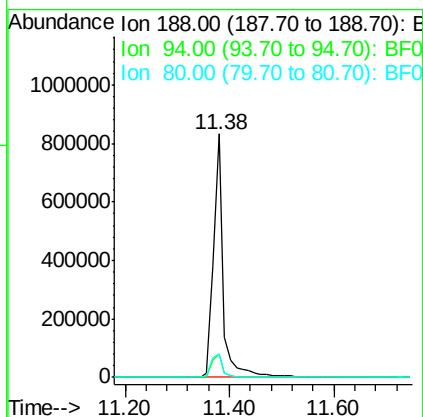
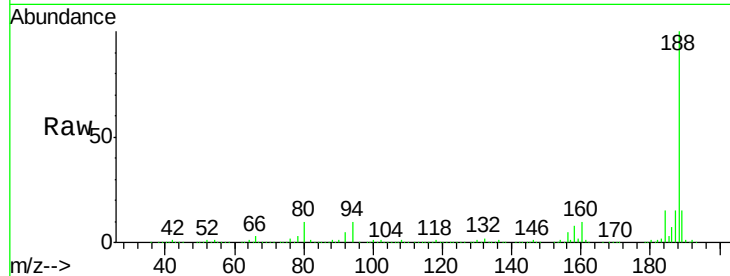




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.03 min
Lab File: BF086348.D
Acq: 21 Apr 2016 17:22

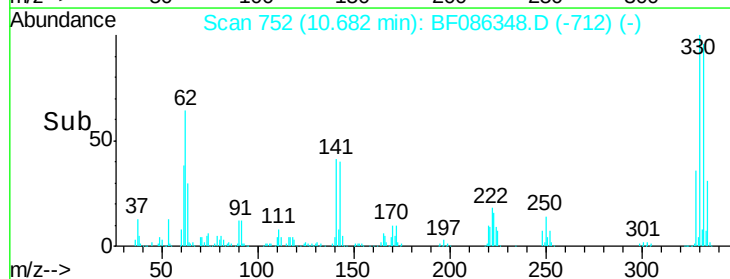
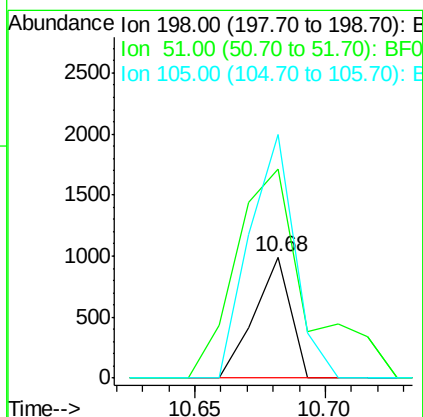
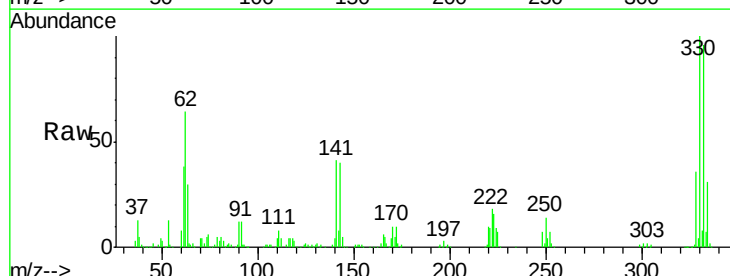
Instrument :
BNA_F
ClientSampled :
PB89669BL

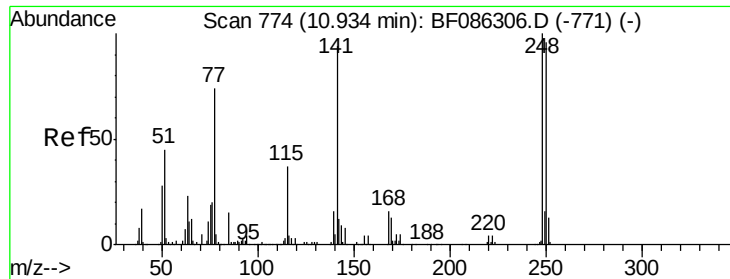
Tgt Ion:188 Resp: 1080652
Ion Ratio Lower Upper
188 100
94 9.5 9.8 14.8#
80 9.8 10.5 15.7#



#64
4,6-Dinitro-2-methylphenol
Concen: 6.31 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.16 min
Lab File: BF086348.D
Acq: 21 Apr 2016 17:22

Tgt Ion:198 Resp: 965
Ion Ratio Lower Upper
198 100
51 173.4 56.5 96.5#
105 201.5 48.0 88.0#

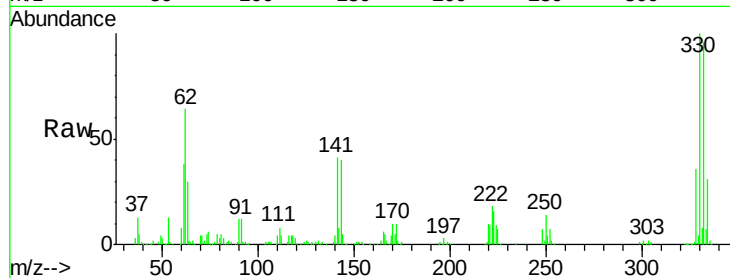




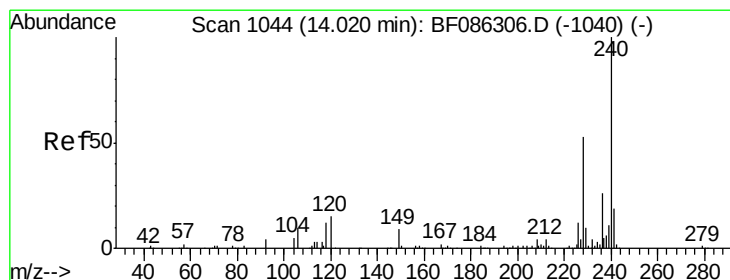
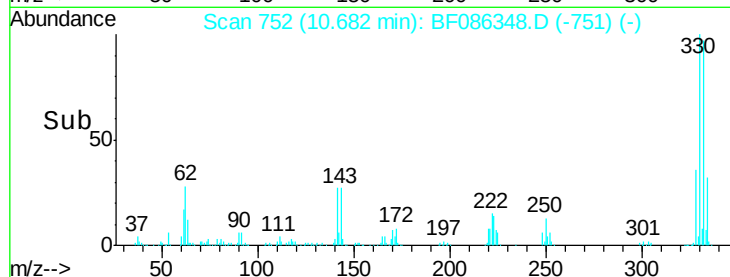
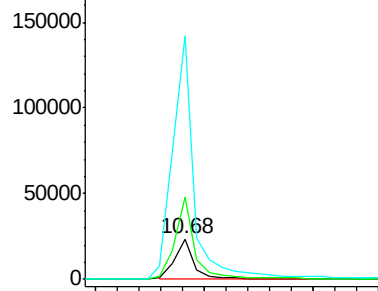
#66
 4-Bromophenyl-phenylether
 Concen: 2.63 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.29 min
 Lab File: BF086348.D
 Acq: 21 Apr 2016 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB89669BL

Tgt Ion:248 Resp: 30576
 Ion Ratio Lower Upper
 248 100
 250 204.7 78.6 118.0#
 141 604.9 57.9 86.9#

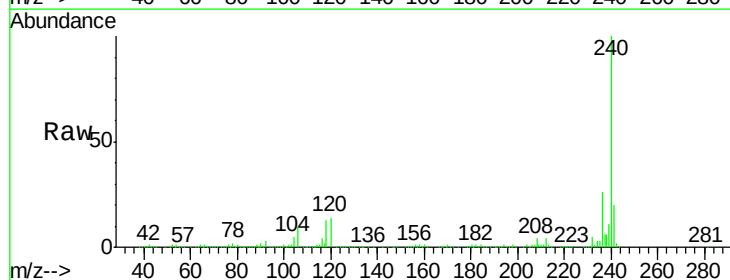


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

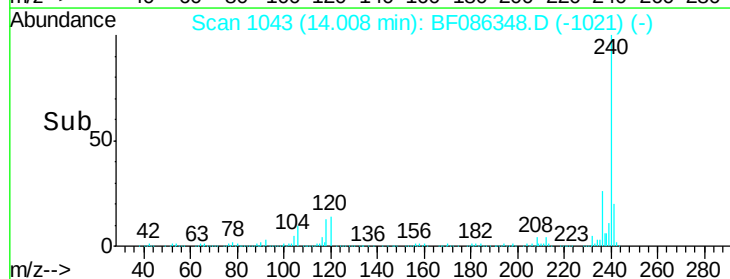
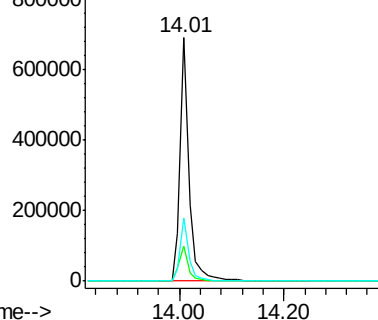


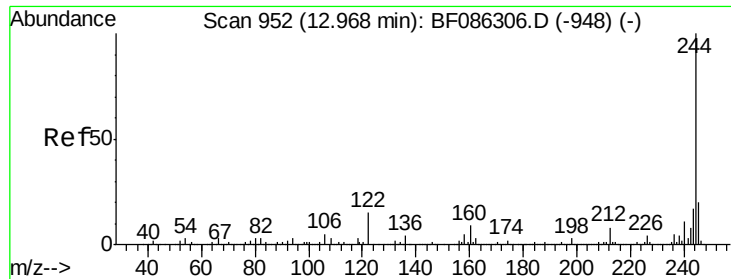
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.05 min
 Lab File: BF086348.D
 Acq: 21 Apr 2016 17:22

Tgt Ion:240 Resp: 813837
 Ion Ratio Lower Upper
 240 100
 120 14.5 9.3 13.9#
 236 26.1 21.1 31.7



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

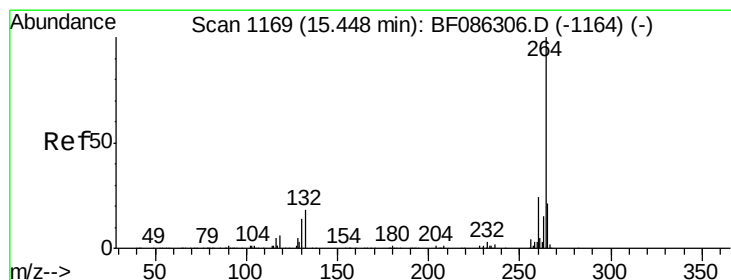
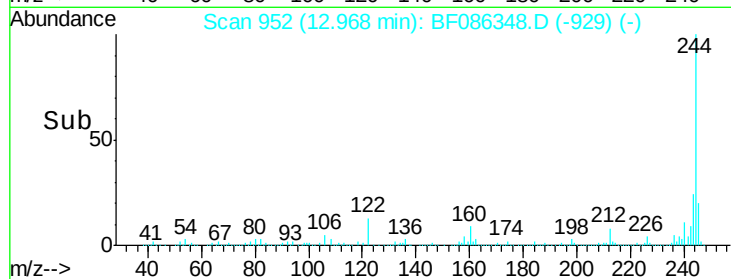
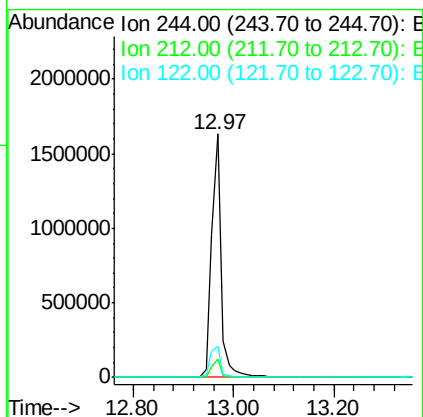
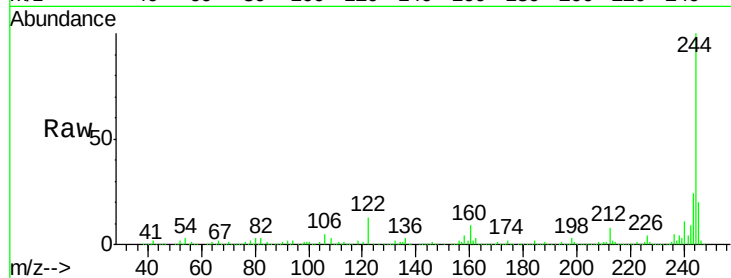




#78
 Terphenyl-d14
 Concen: 62.74 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF086348.D
 Acq: 21 Apr 2016 17:22

Instrument :
 BNA_F
 ClientSampleId :
 PB89669BL

Tgt Ion:244 Resp: 2145162
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 12.8 11.7 17.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.44 min Scan# 1168
 Delta R.T. -0.05 min
 Lab File: BF086348.D
 Acq: 21 Apr 2016 17:22

Tgt Ion:264 Resp: 537059
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.0 30.0
 265 21.5 17.4 26.0

