

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020717\
 Data File : BF092852.D
 Acq On : 8 Feb 2017 4:34
 Operator : SJ/MA
 Sample : I1731-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMP

Quant Time: Feb 08 05:02:07 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 07 23:52:21 2017
 Response via : Initial Calibration

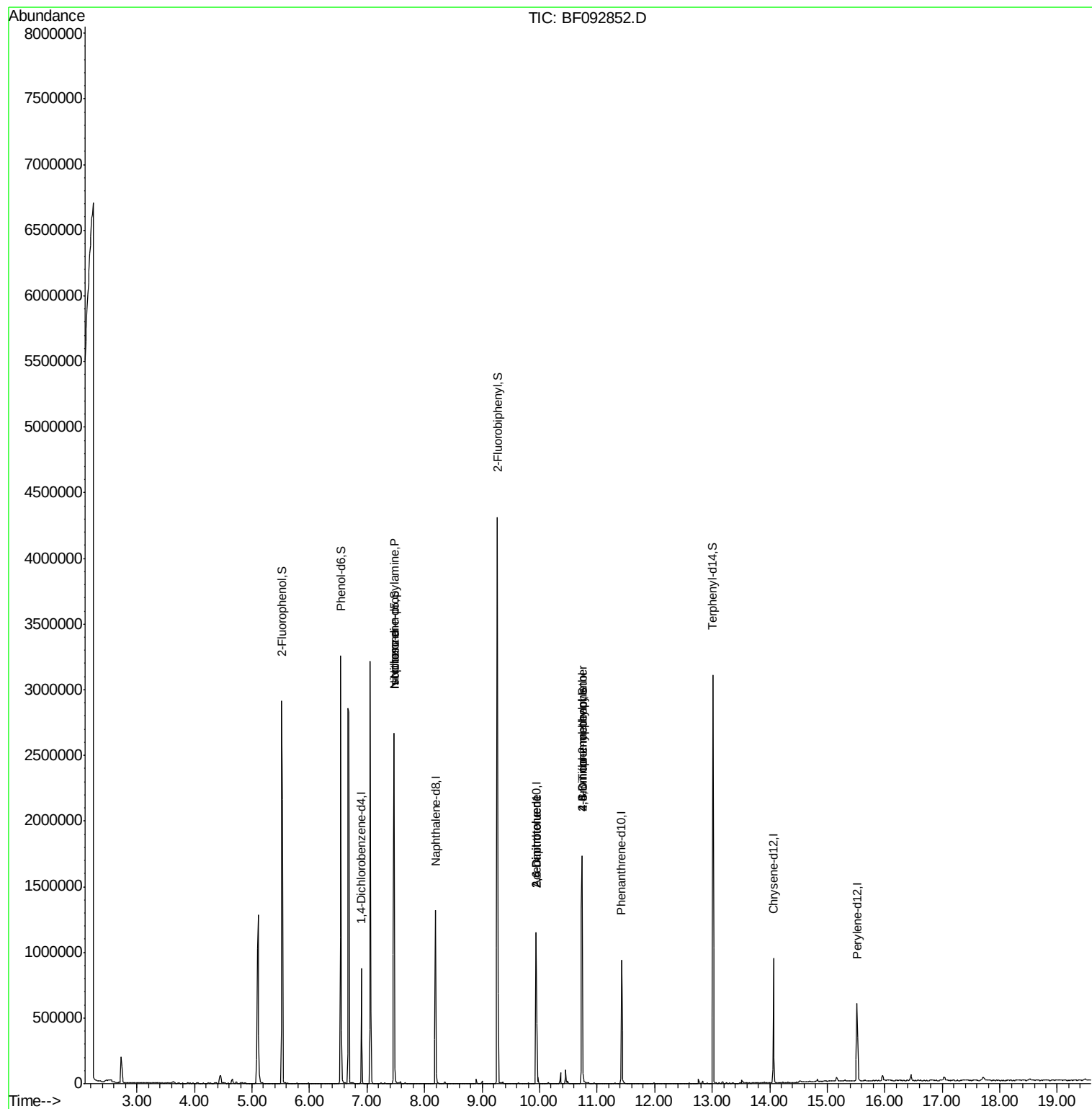
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	140320	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	591079	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	273099	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	389368	20.00	ng	-0.01
75) Chrysene-d12	14.07	240	314708	20.00	ng	-0.01
86) Perylene-d12	15.52	264	270282	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1119374	136.86	ng	0.01
7) Phenol-d6	6.54	99	1162375	110.45	ng	0.00
23) Nitrobenzene-d5	7.47	82	885716	83.45	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	278191	140.84	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	1422344	94.35	ng	0.00
78) Terphenyl-d14	13.01	244	1059489	79.10	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.47	70	117865	17.59	ng	# 80
25) Isophorone	7.47	82	644789	32.60	ng	# 65
50) 2,6-Dinitrotoluene	9.94	165	35405	8.91	ng	# 31
56) 2,4-Dinitrotoluene	9.94	165	35409	6.70	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.74	198	569	2.90	ng	# 1
66) 4-Bromophenyl-phenylether	10.74	248	19822	4.87	ng	# 1

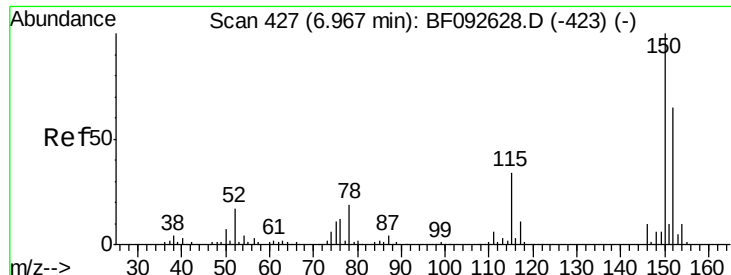
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. -0.01 min

Lab File: BF092852.D

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Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMP

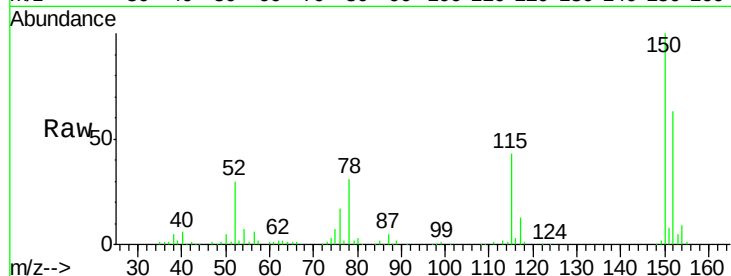
Tgt Ion:152 Resp: 140320

Ion Ratio Lower Upper

152 100

150 158.3 124.9 187.3

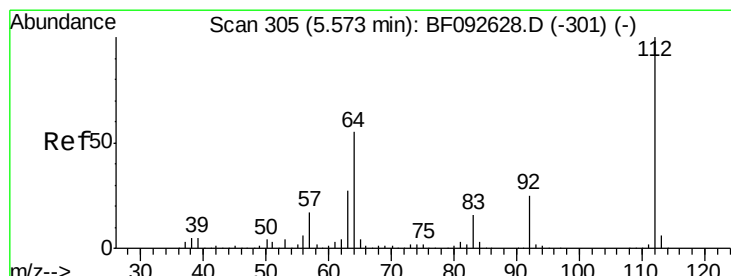
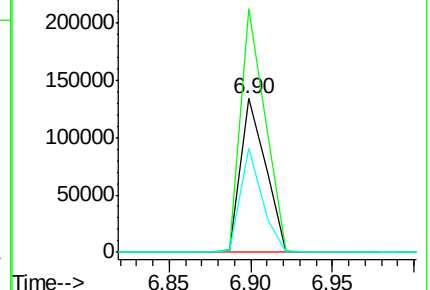
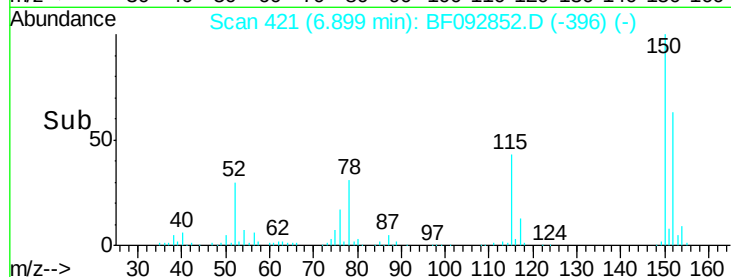
115 67.5 46.0 69.0



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: 136.86 ng

RT: 5.52 min Scan# 300

Delta R.T. 0.01 min

Lab File: BF092852.D

Acq: 8 Feb 2017 4:34

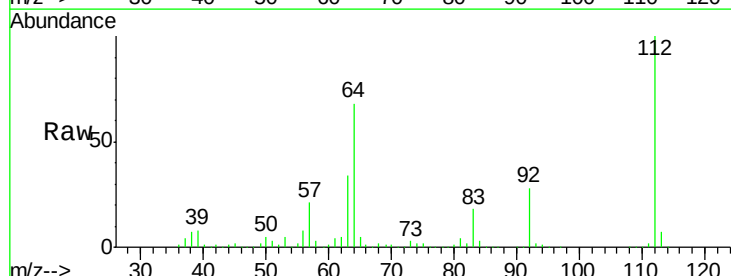
Tgt Ion:112 Resp: 1119374

Ion Ratio Lower Upper

112 100

64 68.0 46.1 69.1

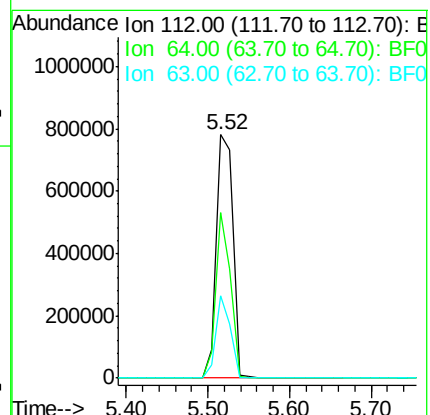
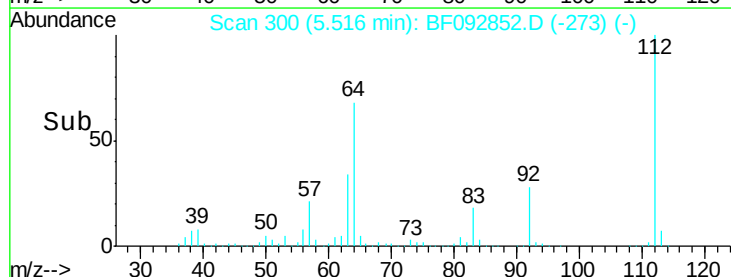
63 33.7 23.8 35.6

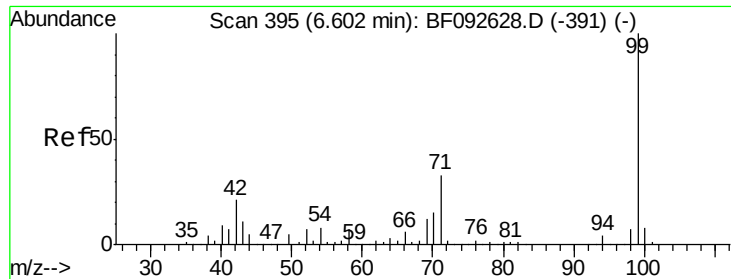


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.45 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF092852.D

Acq: 8 Feb 2017 4:34

Instrument :

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ClientSampleId :

ROLL-OFF-1615-COMP

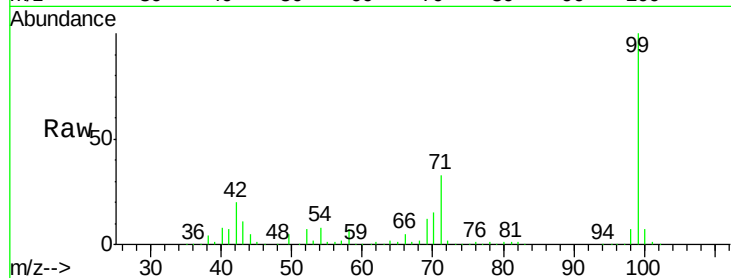
Tgt Ion: 99 Resp: 1162375

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

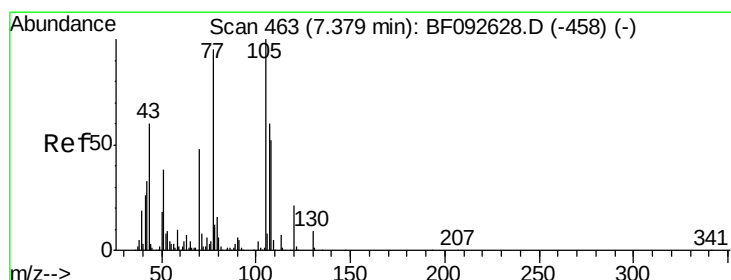
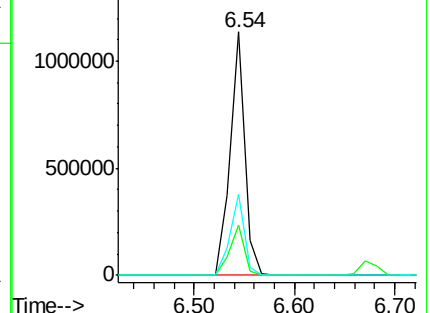
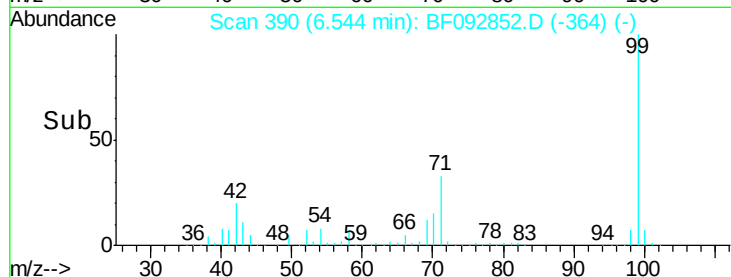
71 33.3 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.59 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.15 min

Lab File: BF092852.D

Acq: 8 Feb 2017 4:34

Tgt Ion: 70 Resp: 117865

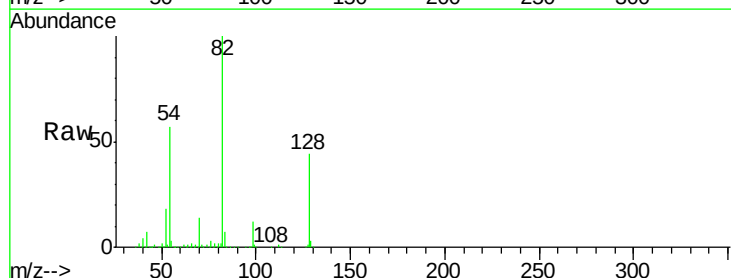
Ion Ratio Lower Upper

70 100

42 50.1 49.4 74.0

101 0.0 7.4 11.2#

130 1.8 14.2 21.4#

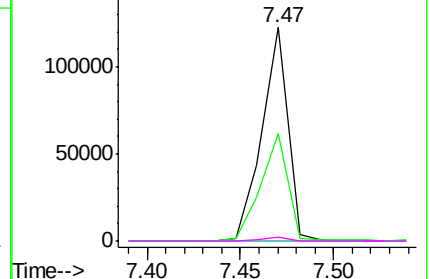
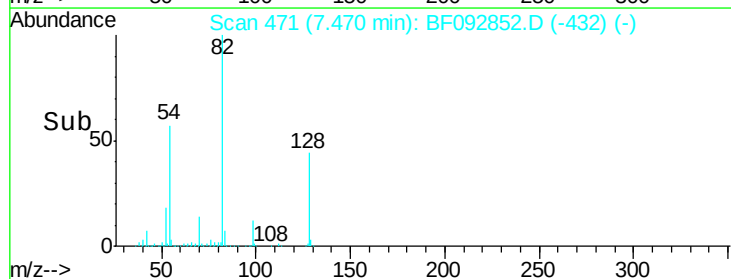


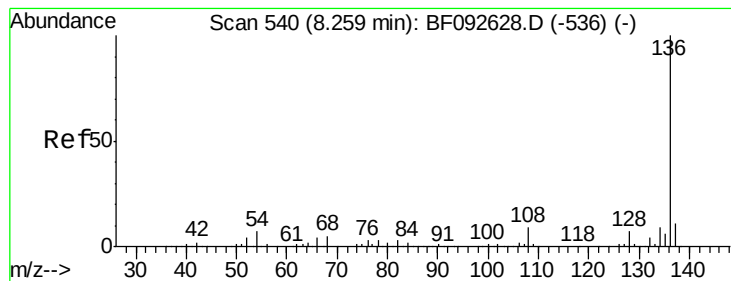
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

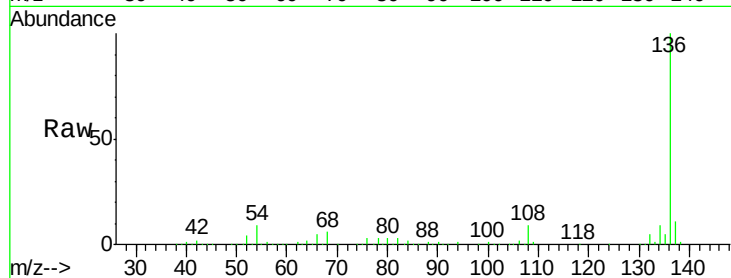




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.00 min
Lab File: BF092852.D
Acq: 8 Feb 2017 4:34

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-1615-COMP

Tgt Ion:	136	Resp:	591079
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	8.6	4.5	6.7#
68	6.0	3.6	5.4#



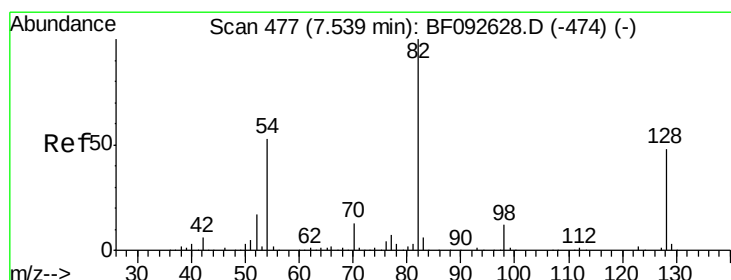
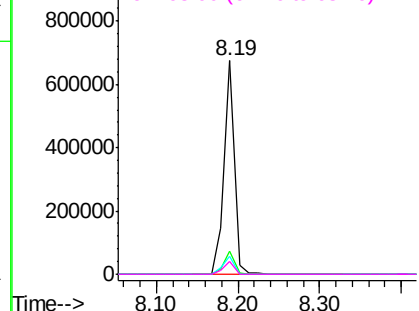
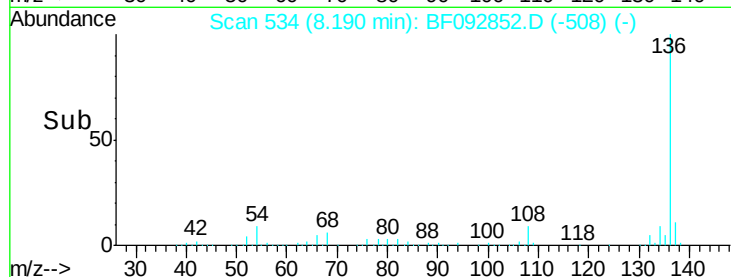
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

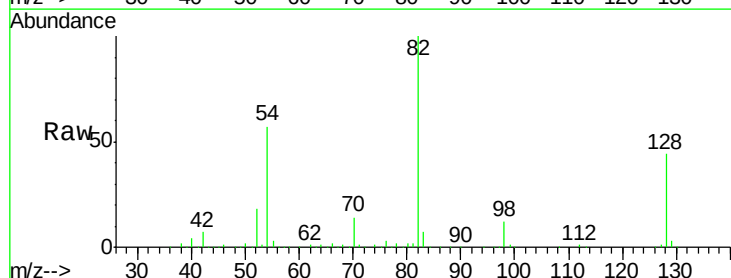
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23
Nitrobenzene-d5
Concen: 83.45 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.00 min
Lab File: BF092852.D
Acq: 8 Feb 2017 4:34

Tgt Ion:	82	Resp:	885716
Ion	Ratio	Lower	Upper
82	100		
128	43.7	34.6	52.0
54	57.2	39.5	59.3

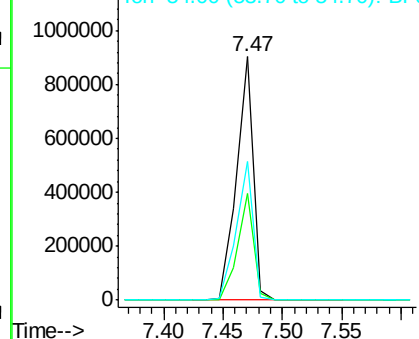
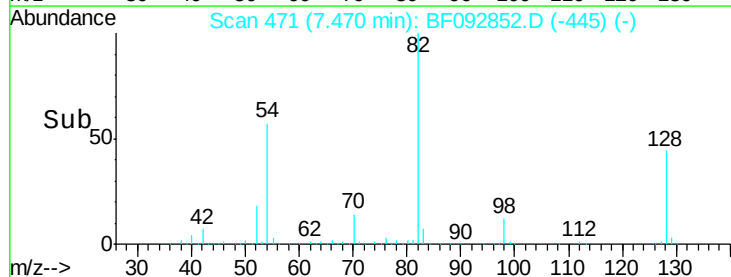


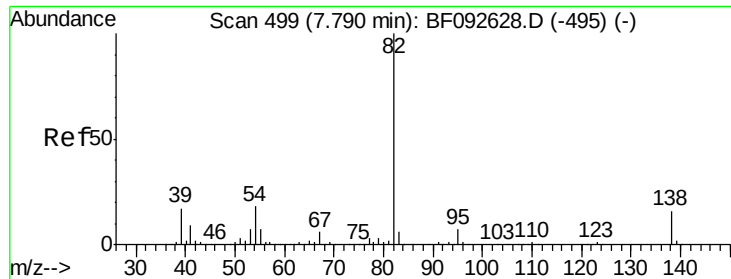
Abundance

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: 32.60 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.26 min

Lab File: BF092852.D

Acq: 8 Feb 2017 4:34

Instrument :

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ClientSampleId :

ROLL-OFF-1615-COMP

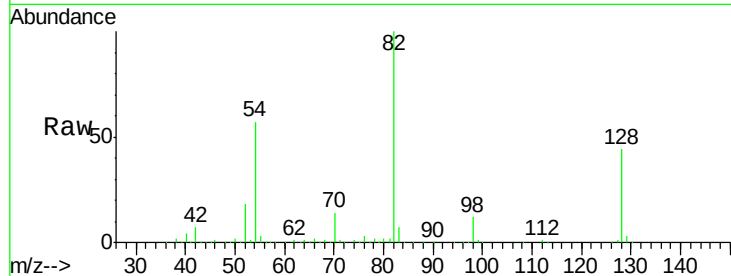
Tgt Ion: 82 Resp: 644789

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

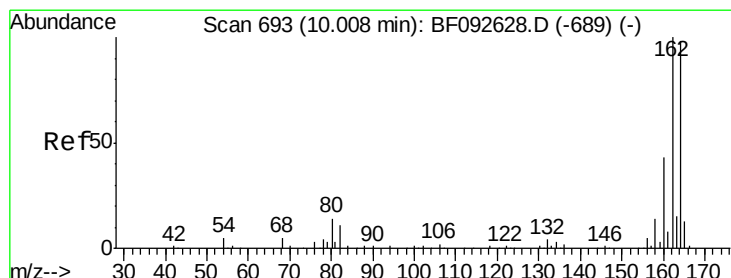
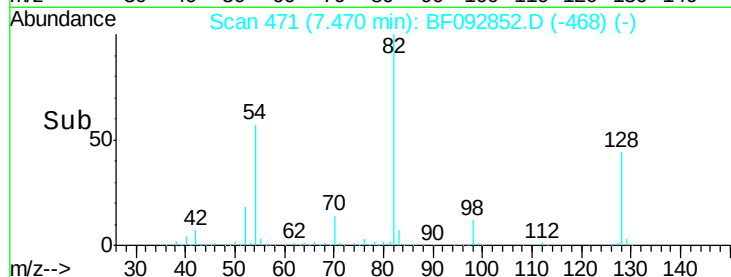
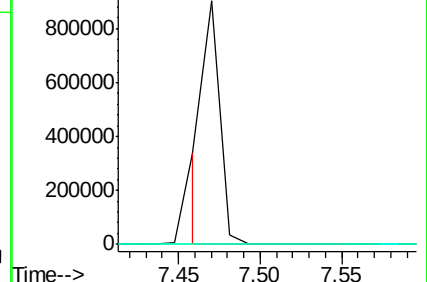
138 0.0 14.6 22.0#



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. -0.01 min

Lab File: BF092852.D

Acq: 8 Feb 2017 4:34

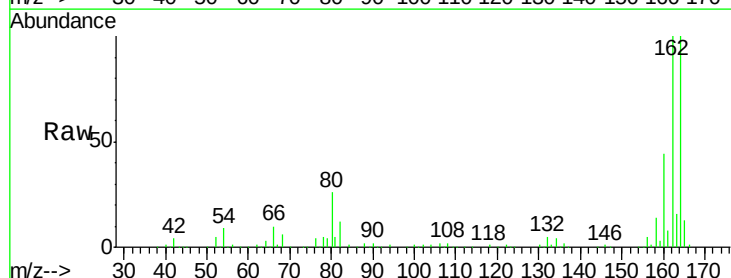
Tgt Ion: 164 Resp: 273099

Ion Ratio Lower Upper

164 100

162 100.2 80.2 120.2

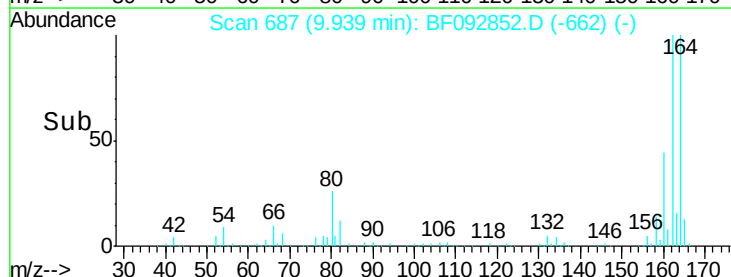
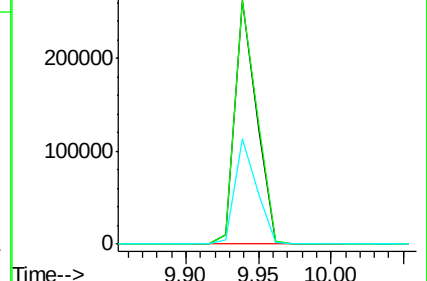
160 43.6 36.9 55.3

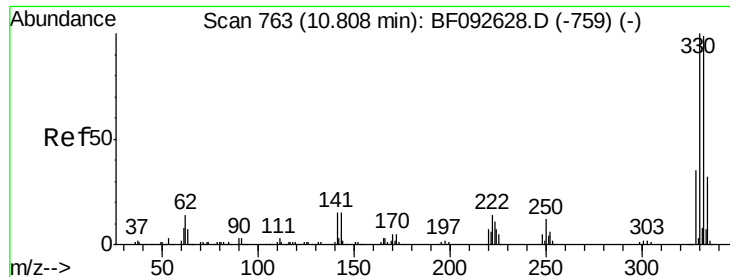


Abundance Ion 164.00 (163.70 to 164.70): BF0

Ion 162.00 (161.70 to 162.70): BF0

Ion 160.00 (159.70 to 160.70): BF0

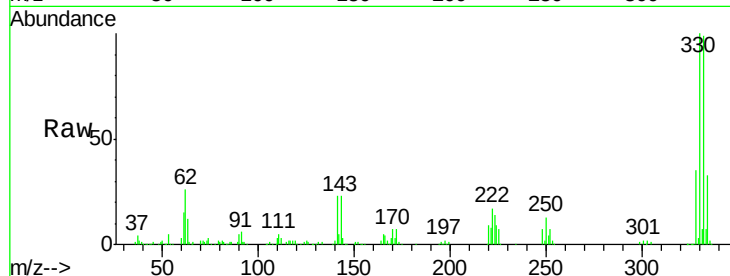




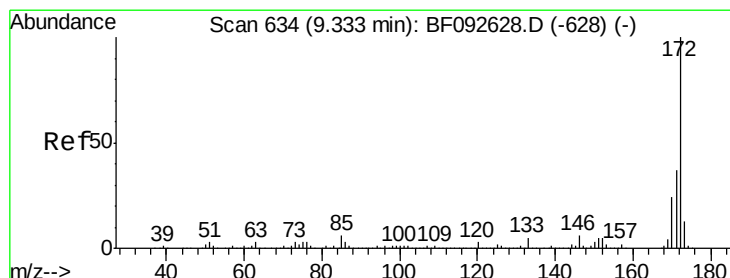
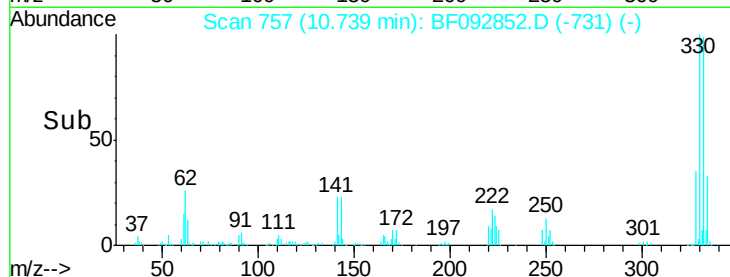
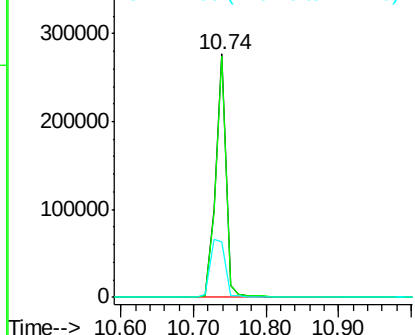
#41
 2,4,6-Tribromophenol
 Concen: 140.84 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.00 min
 Lab File: BF092852.D
 Acq: 8 Feb 2017 4:34

Instrument :
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 ROLL-OFF-1615-COMP

Tgt Ion:330 Resp: 278191
 Ion Ratio Lower Upper
 330 100
 332 98.1 77.4 116.2
 141 34.6 34.1 51.1

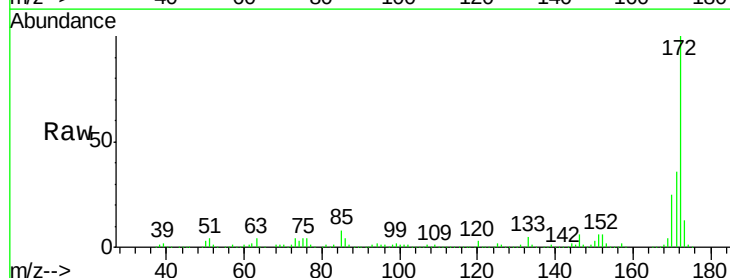


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

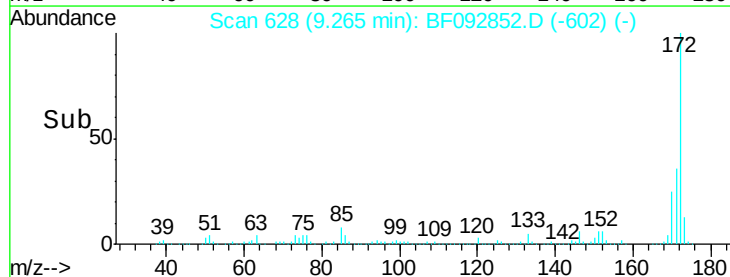
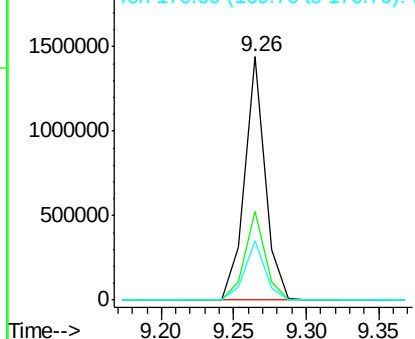


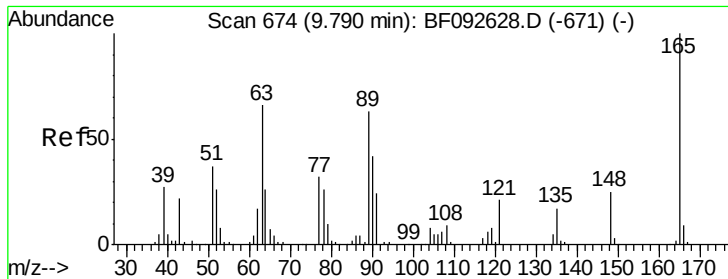
#44
 2-Fluorobiphenyl
 Concen: 94.35 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.00 min
 Lab File: BF092852.D
 Acq: 8 Feb 2017 4:34

Tgt Ion:172 Resp: 1422344
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.5 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

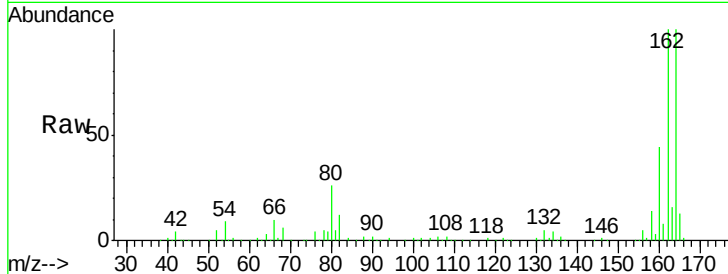




#50
 2,6-Dinitrotoluene
 Concen: 8.91 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.21 min
 Lab File: BF092852.D
 Acq: 8 Feb 2017 4:34

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMP

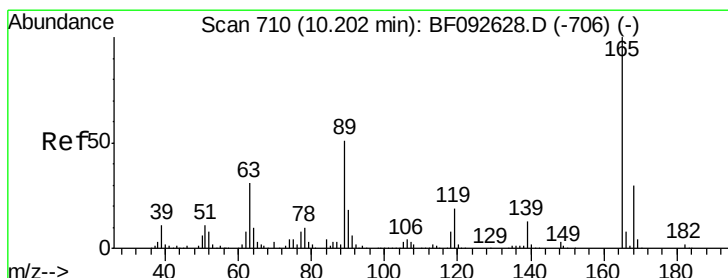
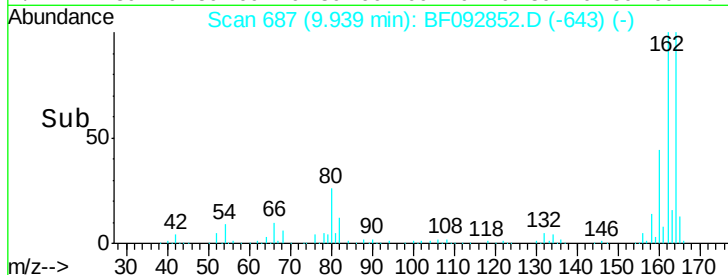
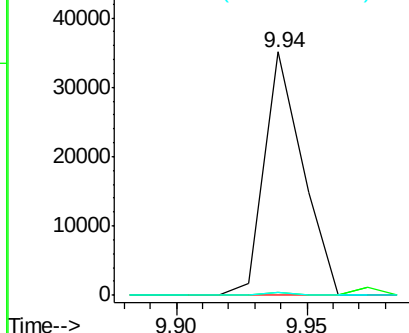
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	36.2	54.4#
89	1.4	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

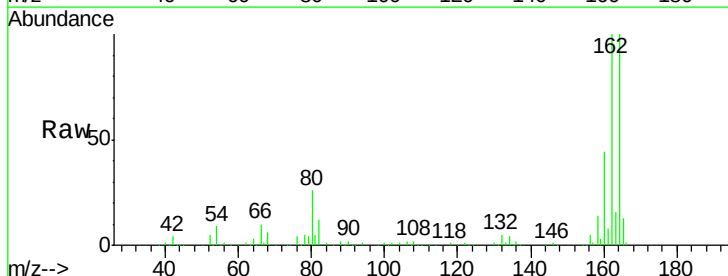
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.70 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.21 min
 Lab File: BF092852.D
 Acq: 8 Feb 2017 4:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.3	40.2	60.4#
89	1.4	62.5	93.7#
182	0.0	1.8	2.8#

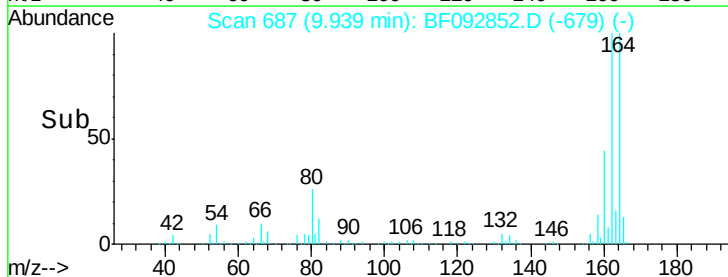
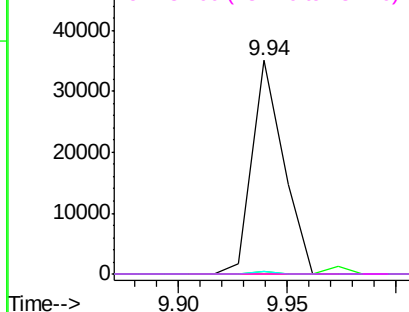


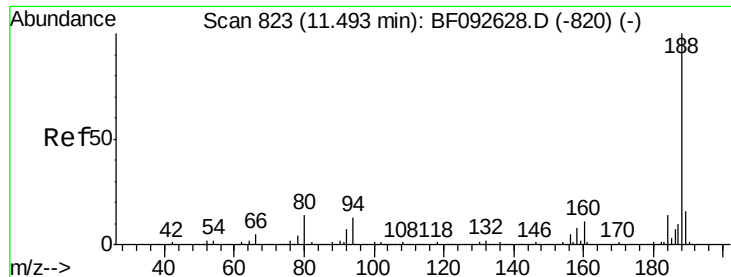
Abundance Ion 165.00 (164.70 to 165.70): E

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

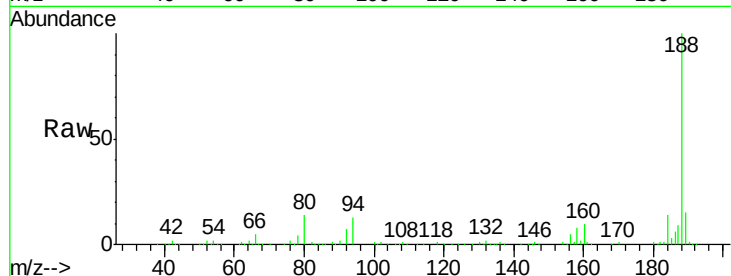




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.01 min
 Lab File: BF092852.D
 Acq: 8 Feb 2017 4:34

Instrument :
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 ROLL-OFF-1615-COMP

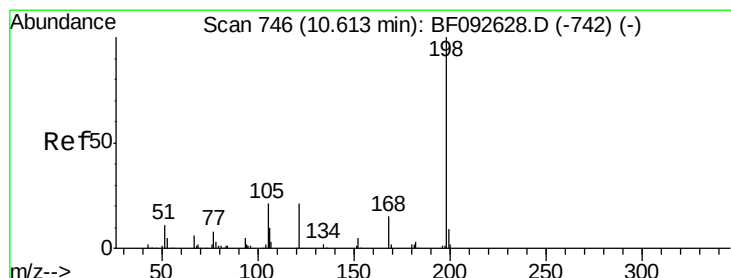
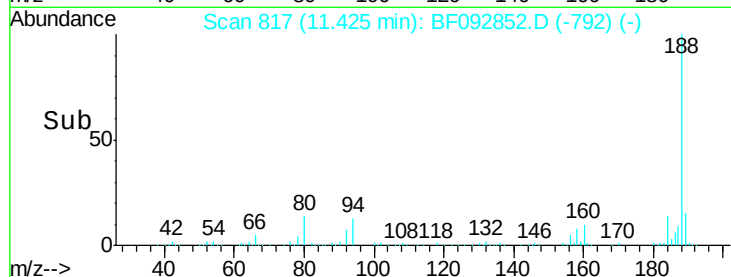
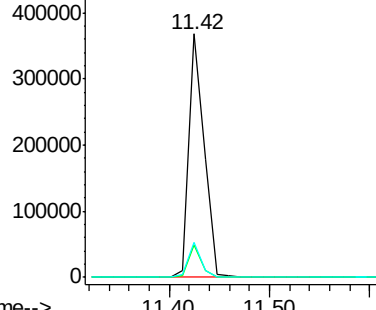
Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.1	10.0	15.0
80	14.5	11.2	16.8



Abundance Ion 188.00 (187.70 to 188.70): E

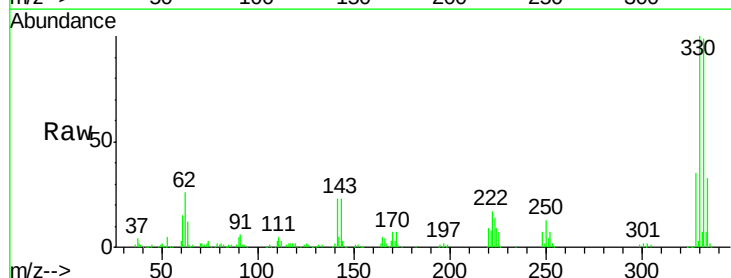
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.90 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.18 min
 Lab File: BF092852.D
 Acq: 8 Feb 2017 4:34

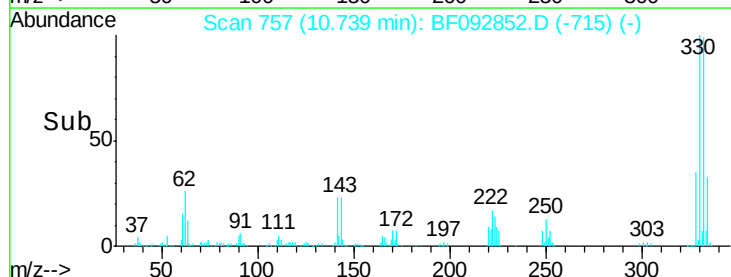
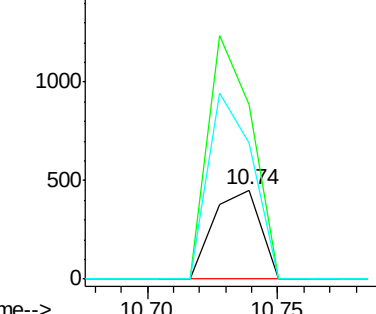
Tgt Ion	Ratio	Lower	Upper
198	100		
51	196.0	6.7	46.7#
105	153.1	16.6	56.6#

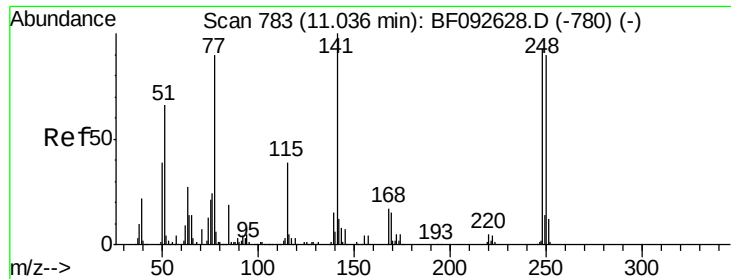


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

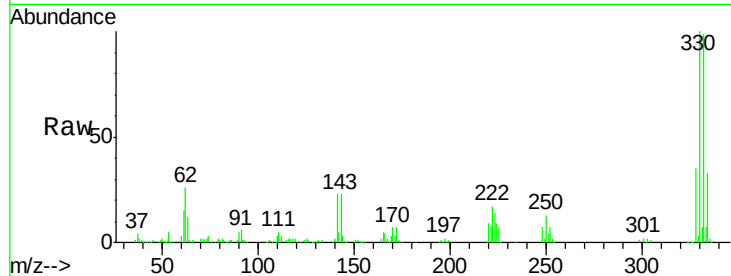




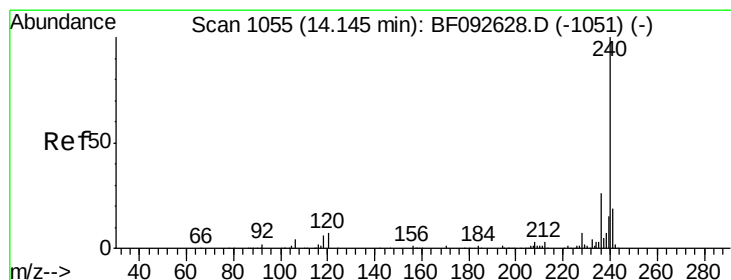
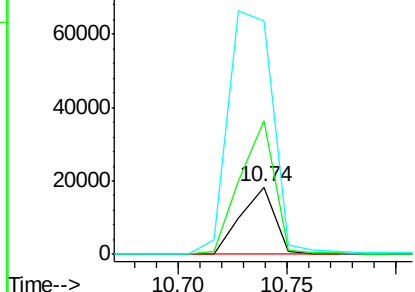
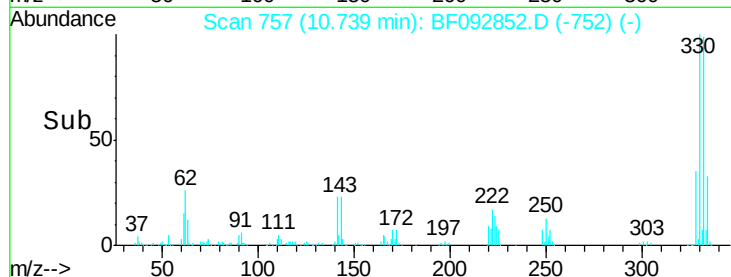
#66
 4-Bromophenyl-phenylether
 Concen: 4.87 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.24 min
 Lab File: BF092852.D
 Acq: 8 Feb 2017 4:34

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-1615-COMP

Tgt Ion:248 Resp: 19822
 Ion Ratio Lower Upper
 248 100
 250 199.4 76.9 115.3#
 141 348.3 68.2 102.4#

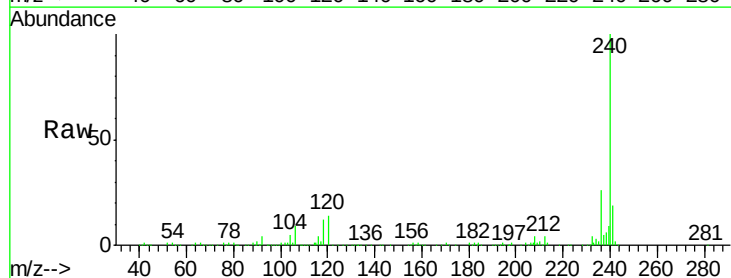


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

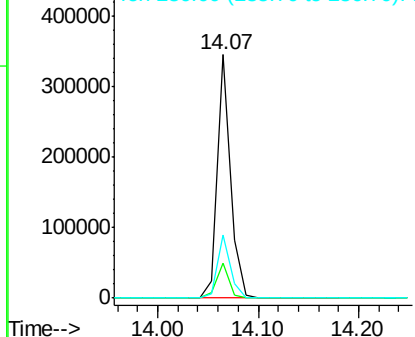
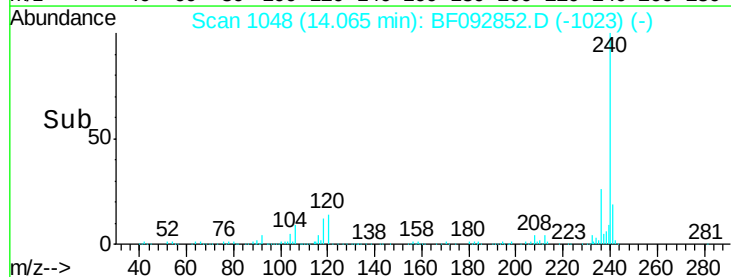


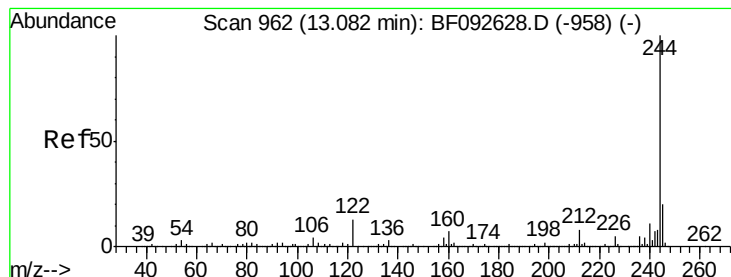
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.01 min
 Lab File: BF092852.D
 Acq: 8 Feb 2017 4:34

Tgt Ion:240 Resp: 314708
 Ion Ratio Lower Upper
 240 100
 120 14.3 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: 79.10 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF092852.D

Acq: 8 Feb 2017 4:34

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-1615-COMP

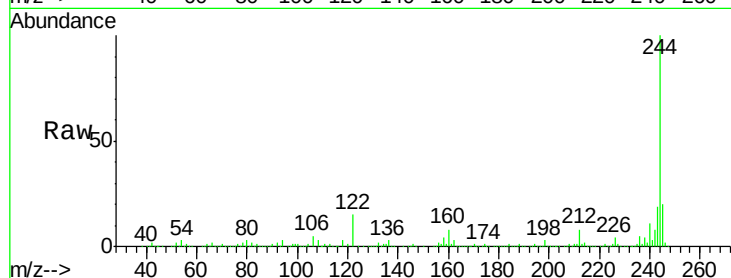
Tgt Ion:244 Resp: 1059489

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

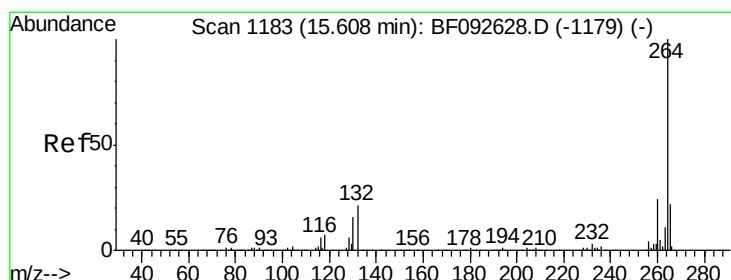
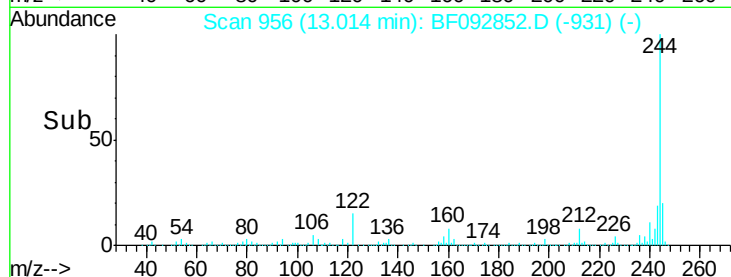
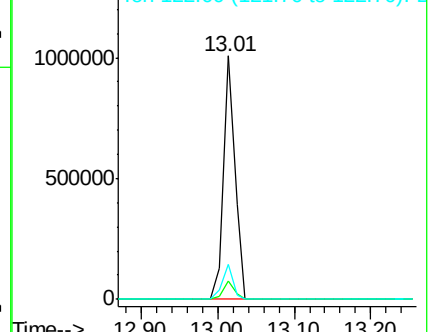
122 14.6 11.4 17.2



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: 15.52 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF092852.D

Acq: 8 Feb 2017 4:34

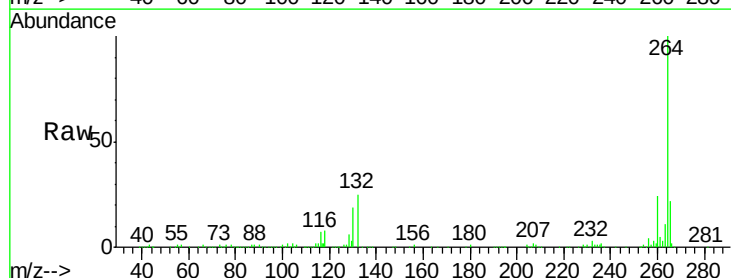
Tgt Ion:264 Resp: 270282

Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 21.6 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

