

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092605.D
 Acq On : 28 Jan 2017 4:44
 Operator : SJ/MA
 Sample : I1527-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Quant Time: Jan 28 05:38:13 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

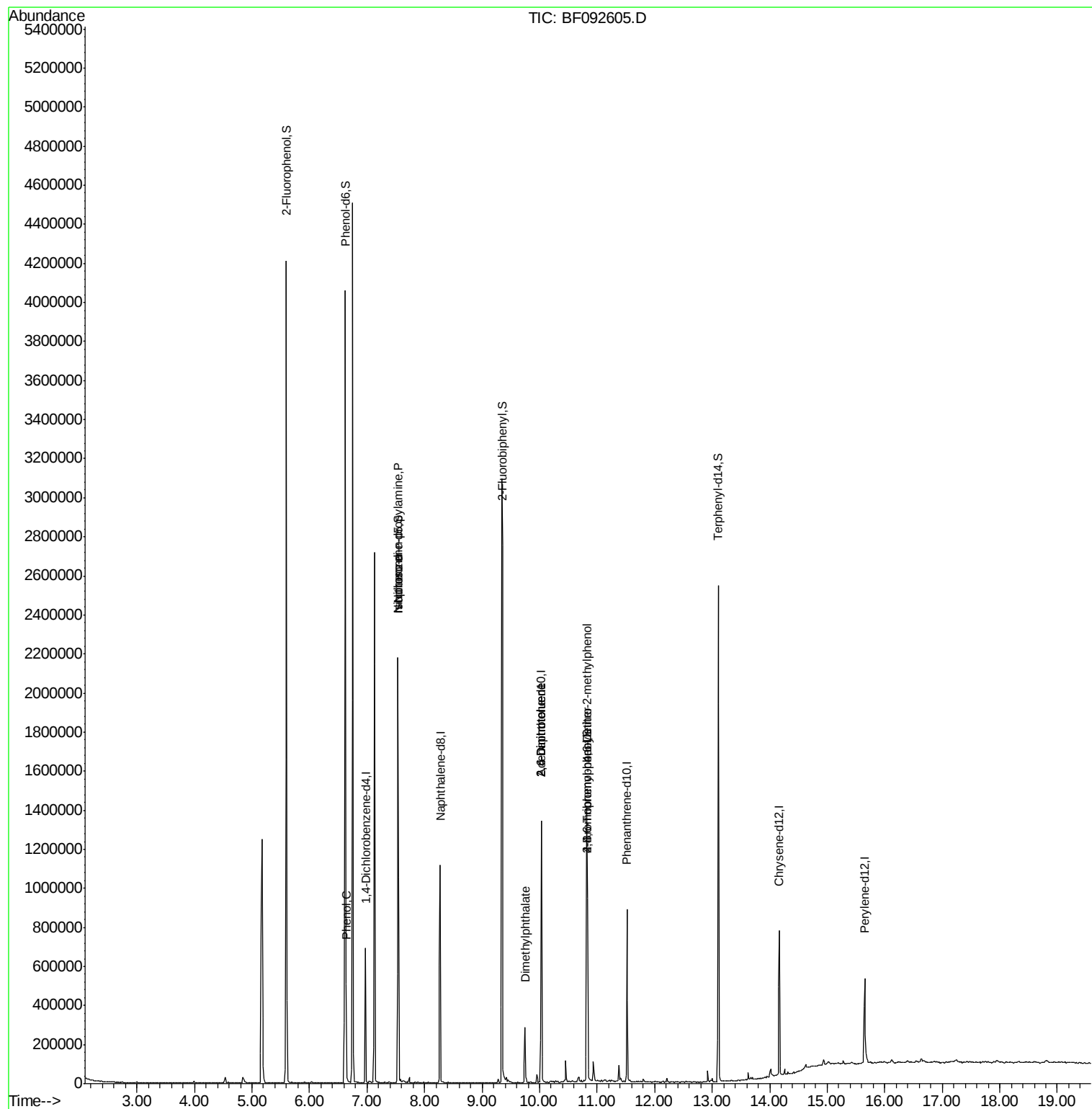
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	155510	20.00	ng	0.01
21) Naphthalene-d8	8.27	136	614203	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	285532	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	376103	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	317567	20.00	ng	0.00
86) Perylene-d12	15.65	264	229282	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1203230	120.38	ng	0.05
7) Phenol-d6	6.62	99	1566001	123.00	ng	0.03
23) Nitrobenzene-d5	7.54	82	884919	78.70	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	213197	109.57	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	1565063	101.36	ng	0.00
78) Terphenyl-d14	13.11	244	1094663	91.79	ng	-0.01
Target Compounds						
10) Phenol	6.64	94	109081	7.10	ng	# 66
19) n-Nitroso-di-n-propylamine	7.54	70	115777	13.35	ng	# 83
25) Isophorone	7.54	82	751546	33.92	ng	# 65
49) Dimethylphthalate	9.74	163	137985	7.60	ng	# 99
50) 2,6-Dinitrotoluene	10.03	165	36980	9.96	ng	# 30
56) 2,4-Dinitrotoluene	10.03	165	36976	7.51	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.82	198	442	5.15	ng	# 1
66) 4-Bromophenyl-phenylether	10.83	248	15929	4.19	ng	# 1

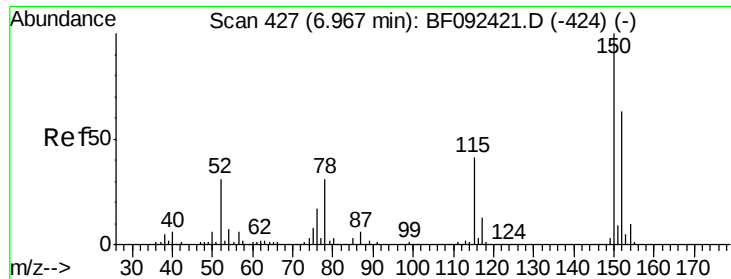
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.98 min Scan# 428

Delta R.T. 0.01 min

Lab File: BF092605.D

Acq: 28 Jan 2017 4:44

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

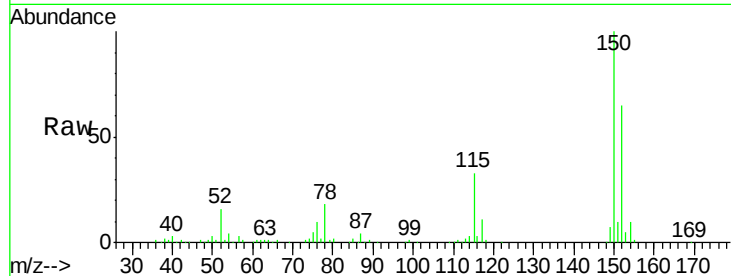
Tgt Ion:152 Resp: 155510

Ion Ratio Lower Upper

152 100

150 153.9 124.9 187.3

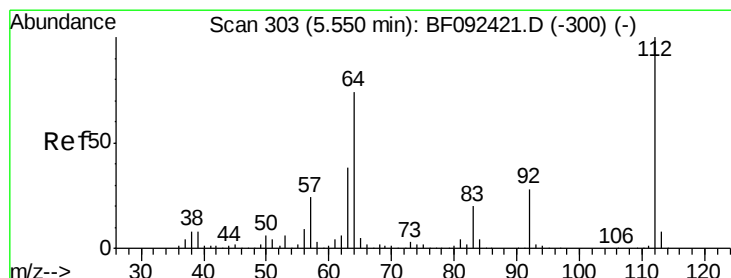
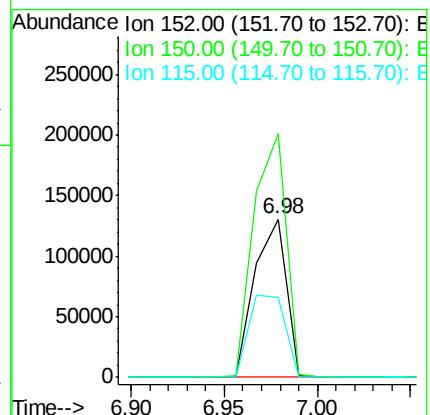
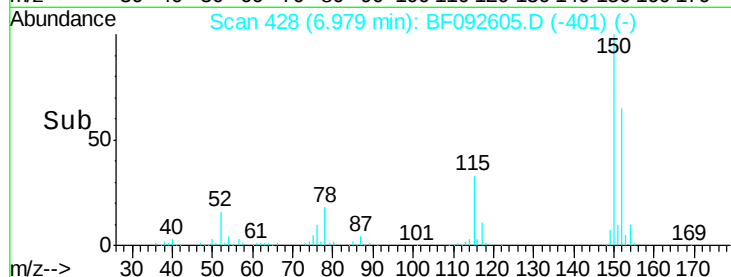
115 50.1 46.0 69.0



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: 120.38 ng

RT: 5.60 min Scan# 307

Delta R.T. 0.05 min

Lab File: BF092605.D

Acq: 28 Jan 2017 4:44

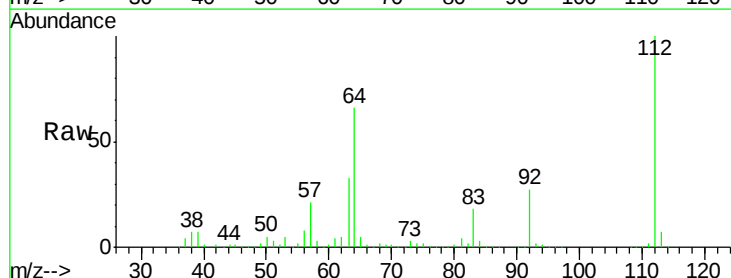
Tgt Ion:112 Resp: 1203230

Ion Ratio Lower Upper

112 100

64 66.2 46.1 69.1

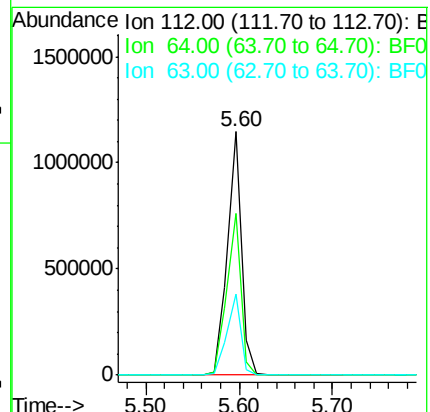
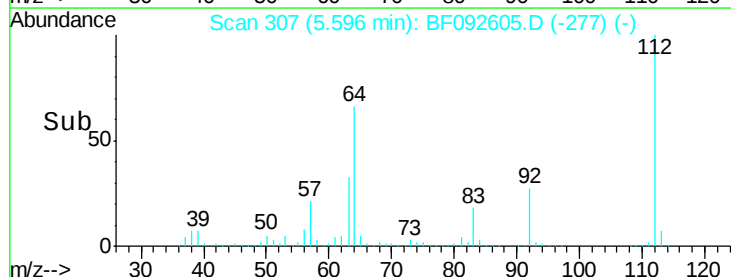
63 33.4 23.8 35.6

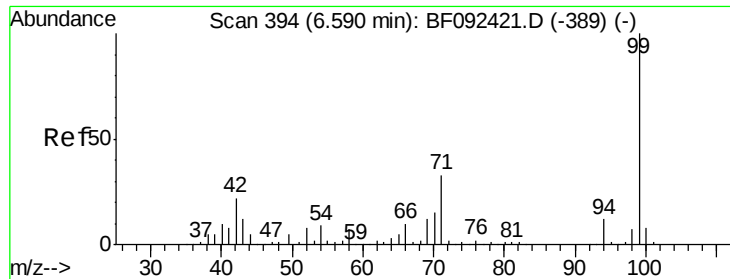


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.00 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.03 min

Lab File: BF092605.D

Acq: 28 Jan 2017 4:44

Instrument :

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ClientSampleId :

SB-06-COMP

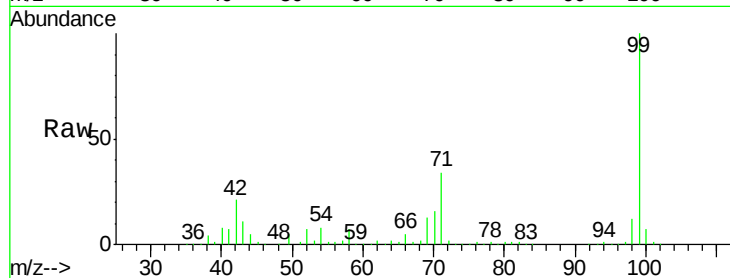
Tgt Ion: 99 Resp: 1566001

Ion Ratio Lower Upper

99 100

42 20.8 15.6 23.4

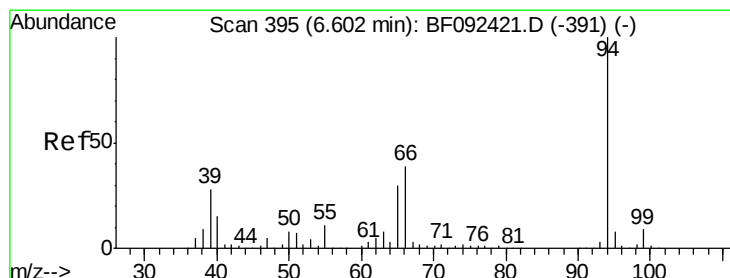
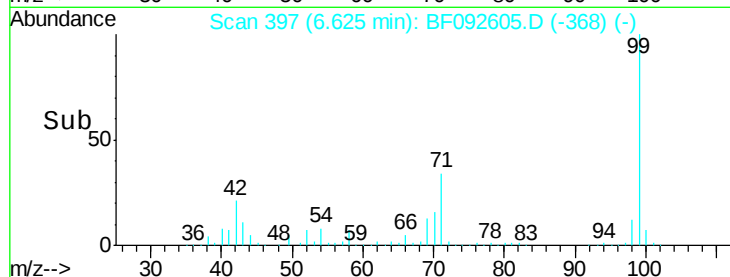
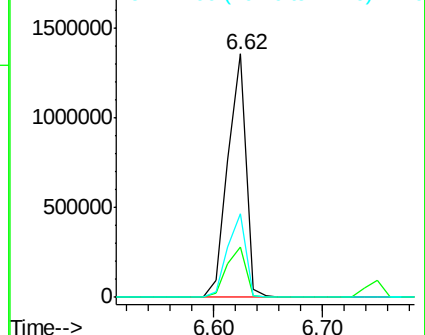
71 34.1 27.5 41.3



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



#10

Phenol

Concen: 7.10 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.03 min

Lab File: BF092605.D

Acq: 28 Jan 2017 4:44

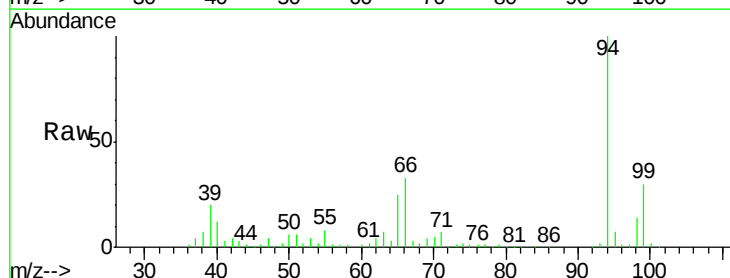
Tgt Ion: 94 Resp: 109081

Ion Ratio Lower Upper

94 100

65 25.0 21.4 61.4

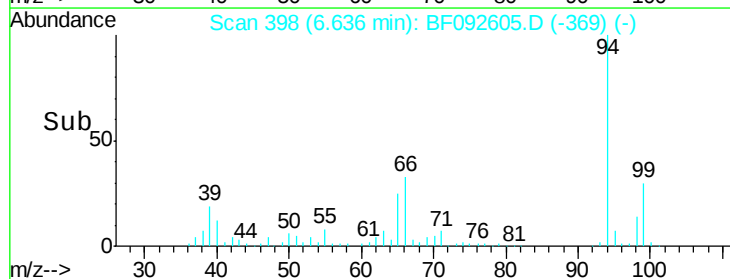
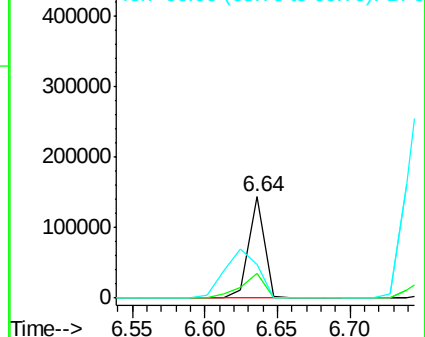
66 33.0 44.0 84.0#

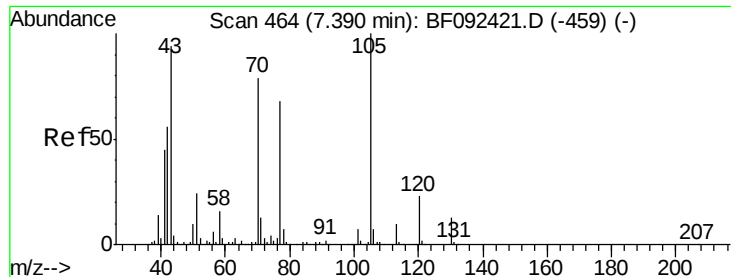


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 13.35 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF092605.D

Acq: 28 Jan 2017 4:44

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

Tgt Ion: 70 Resp: 115777

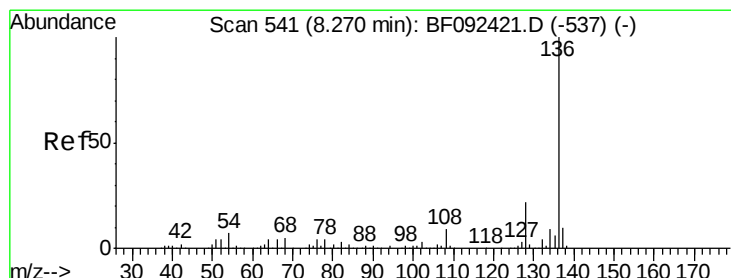
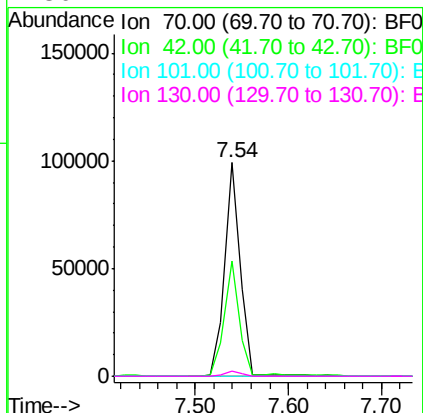
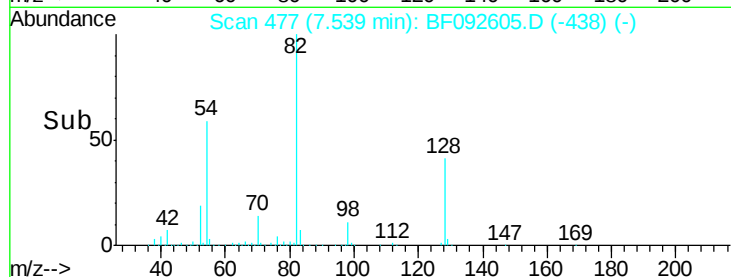
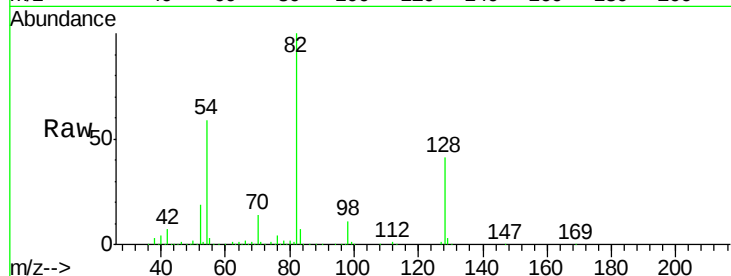
Ion Ratio Lower Upper

70 100

42 54.0 49.4 74.0

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF092605.D

Acq: 28 Jan 2017 4:44

Tgt Ion: 136 Resp: 614203

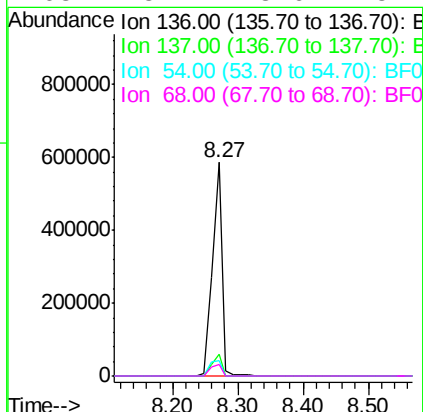
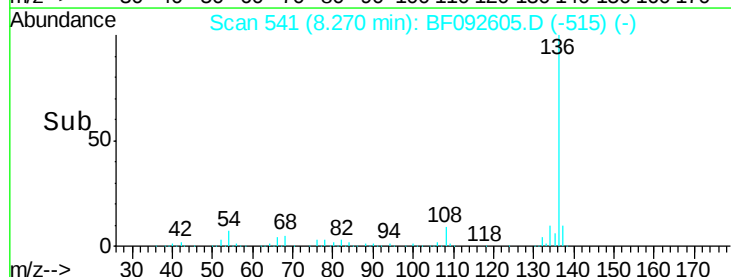
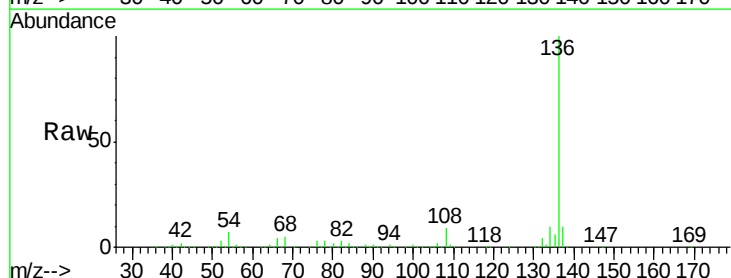
Ion Ratio Lower Upper

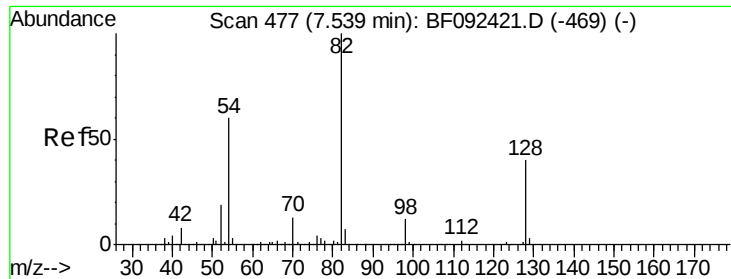
136 100

137 10.4 8.4 12.6

54 7.3 4.5 6.7#

68 5.4 3.6 5.4

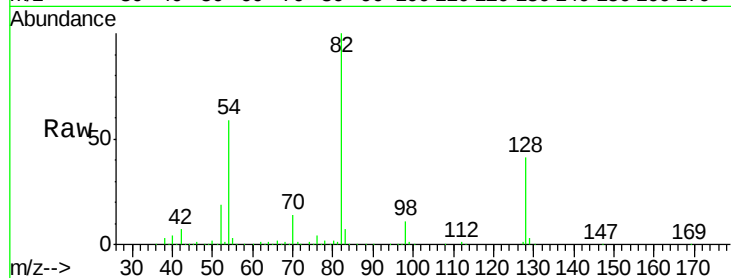




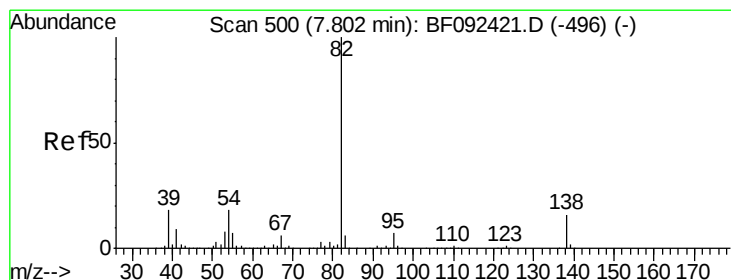
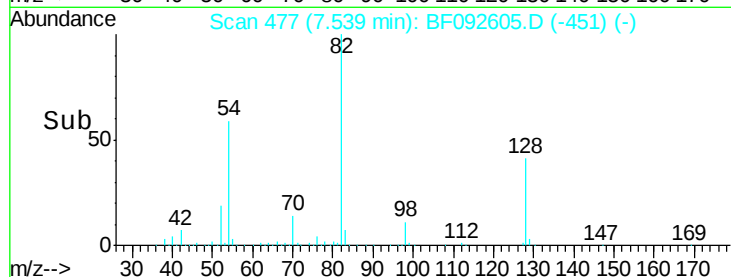
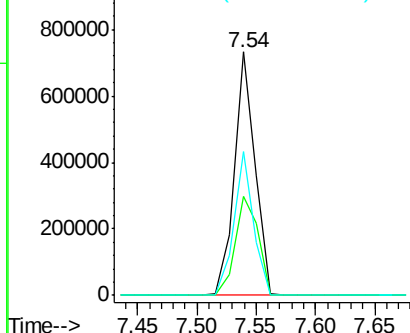
#23
 Nitrobenzene-d5
 Concen: 78.70 ng
 RT: 7.54 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF092605.D
 Acq: 28 Jan 2017 4:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.9	34.6	52.0
54	59.3	39.5	59.3#

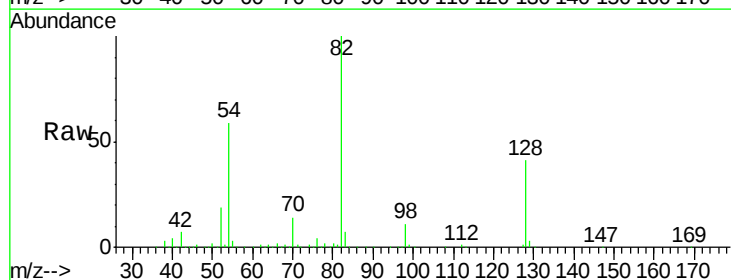


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

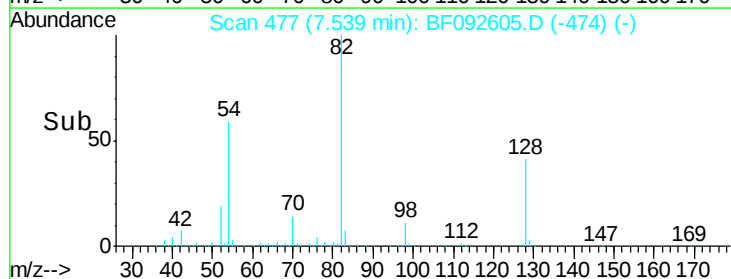
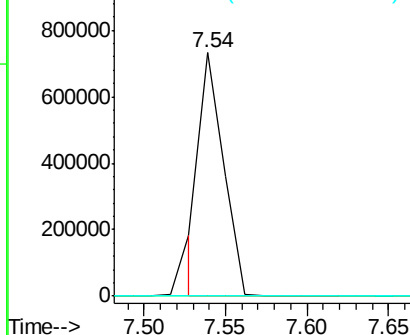


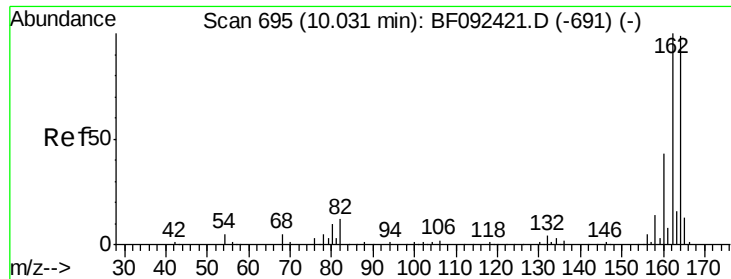
#25
 Isophorone
 Concen: 33.92 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.26 min
 Lab File: BF092605.D
 Acq: 28 Jan 2017 4:44

Tgt 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: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF092605.D

Acq: 28 Jan 2017 4:44

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

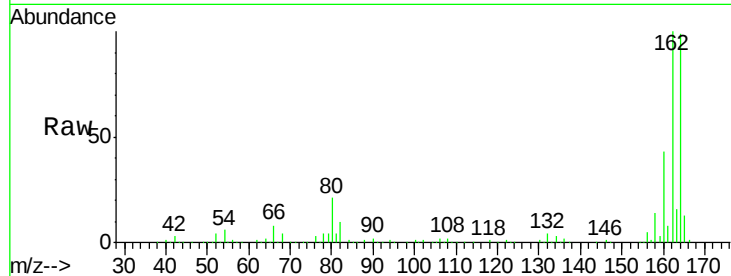
Tgt Ion:164 Resp: 285532

Ion Ratio Lower Upper

164 100

162 100.7 80.2 120.2

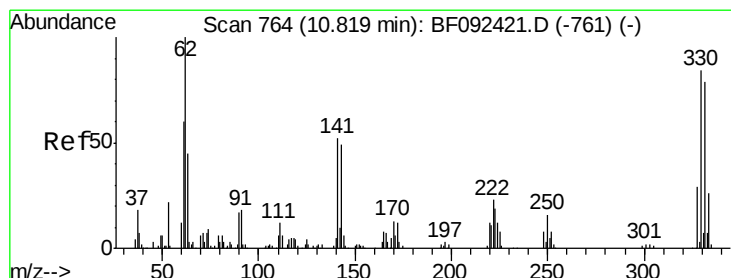
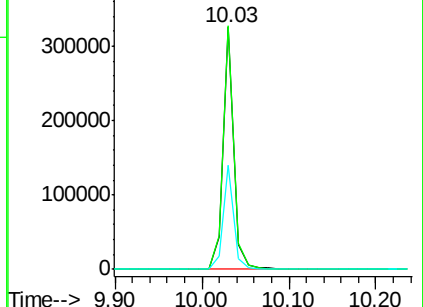
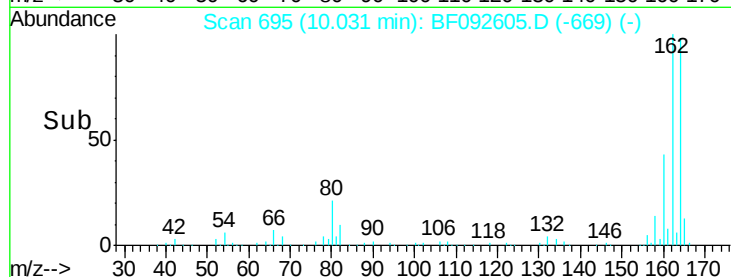
160 43.3 36.9 55.3



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: 109.57 ng

RT: 10.83 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF092605.D

Acq: 28 Jan 2017 4:44

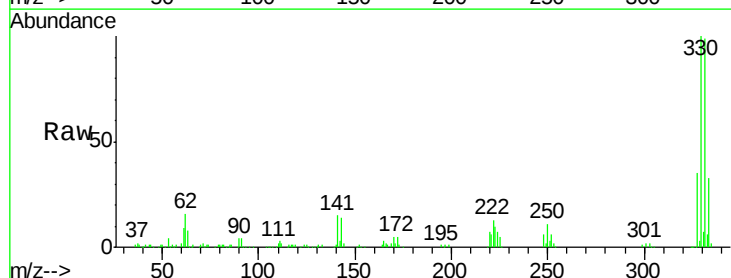
Tgt Ion:330 Resp: 213197

Ion Ratio Lower Upper

330 100

332 98.0 77.4 116.2

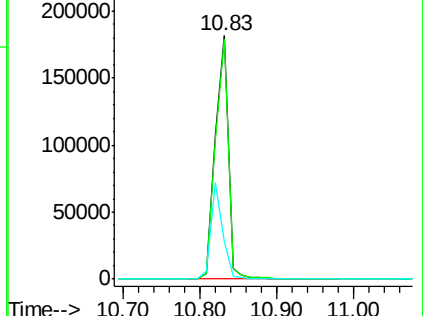
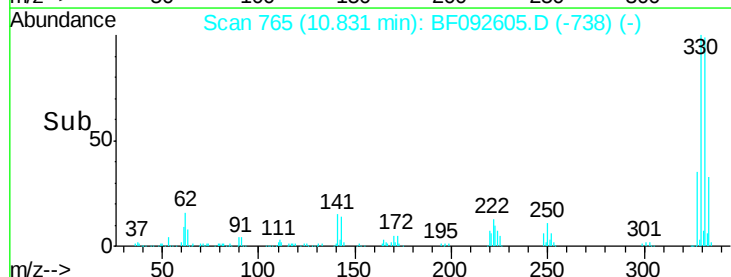
141 35.4 34.1 51.1

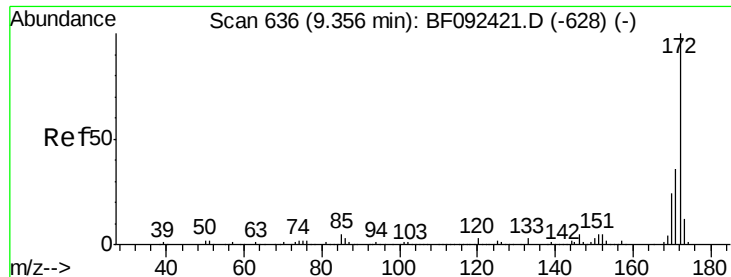


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

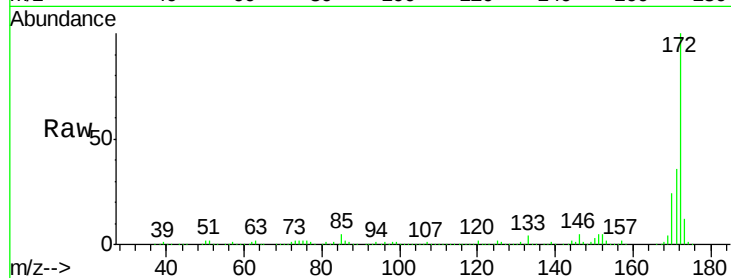




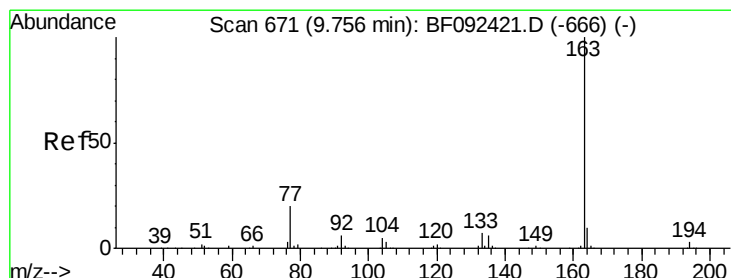
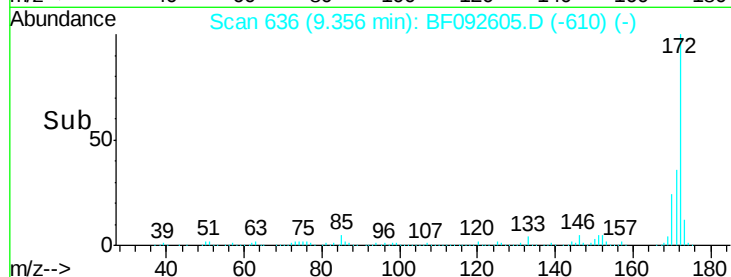
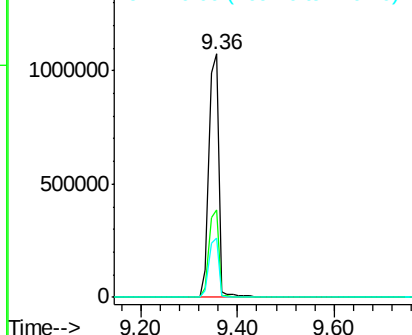
#44
 2-Fluorobiphenyl
 Concen: 101.36 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF092605.D
 Acq: 28 Jan 2017 4:44

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

Tgt Ion:172 Resp: 1565063
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.1 20.2 30.4

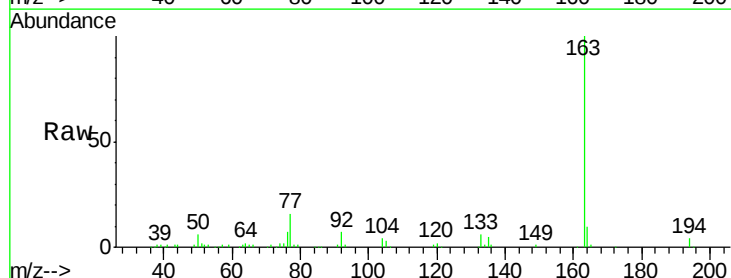


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

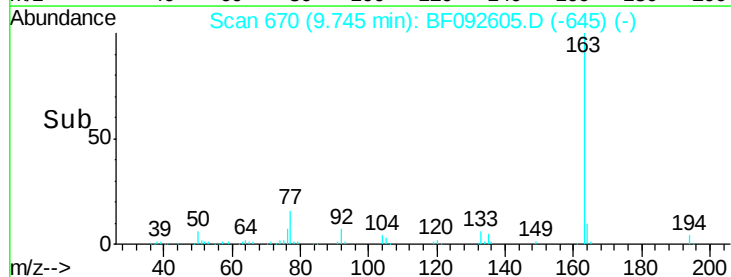
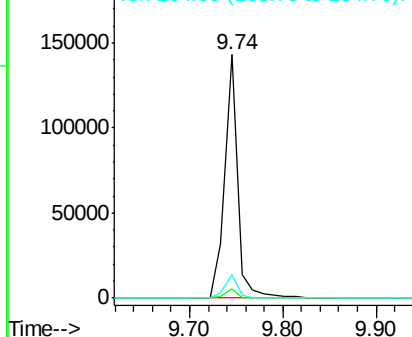


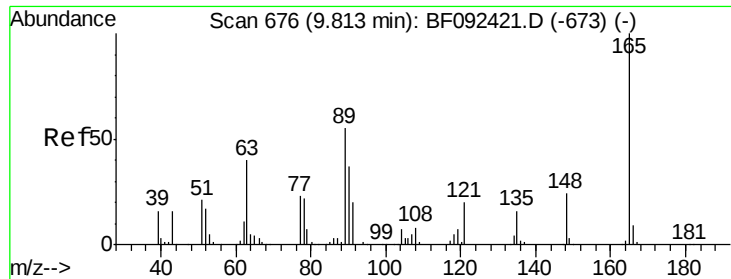
#49
 Dimethylphthalate
 Concen: 7.60 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF092605.D
 Acq: 28 Jan 2017 4:44

Tgt Ion:163 Resp: 137985
 Ion Ratio Lower Upper
 163 100
 194 3.8 3.0 4.4
 164 9.7 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

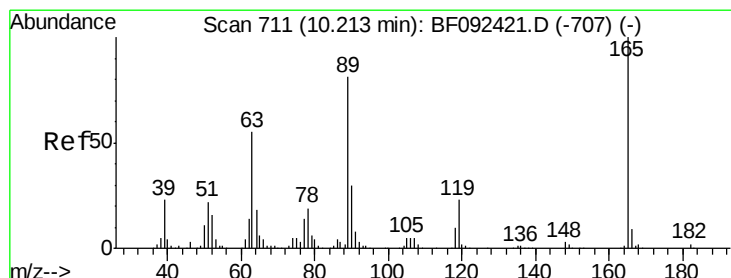
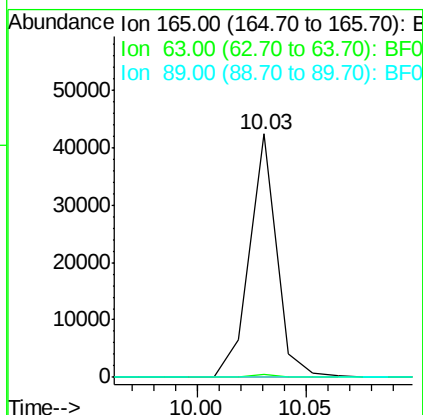
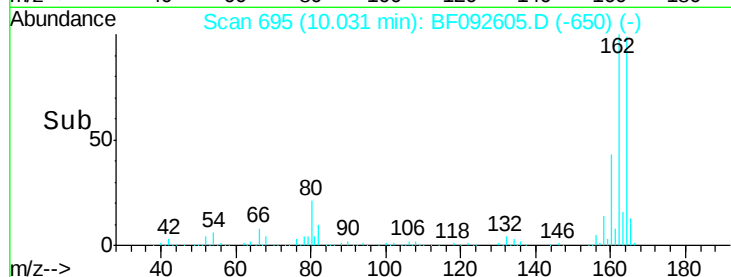
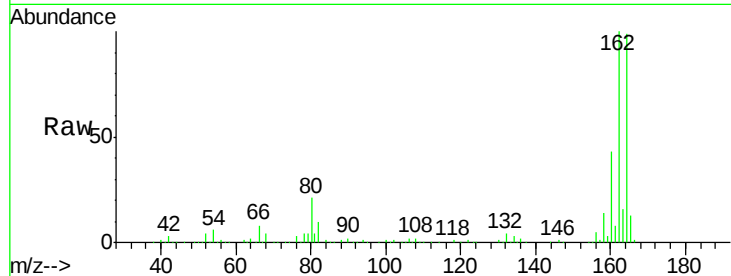




#50
 2,6-Dinitrotoluene
 Concen: 9.96 ng
 RT: 10.03 min Scan# 695
 Delta R.T. 0.22 min
 Lab File: BF092605.D
 Acq: 28 Jan 2017 4:44

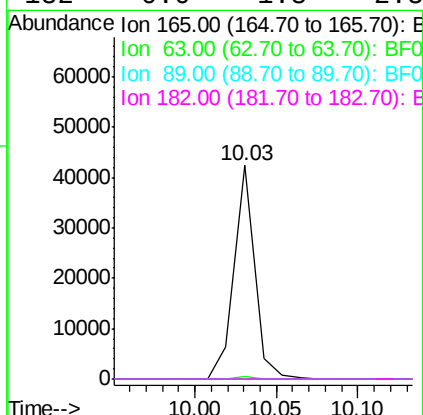
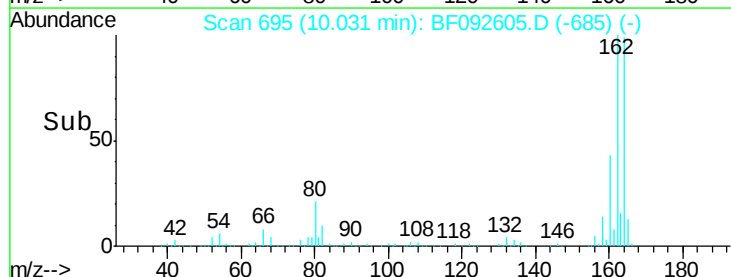
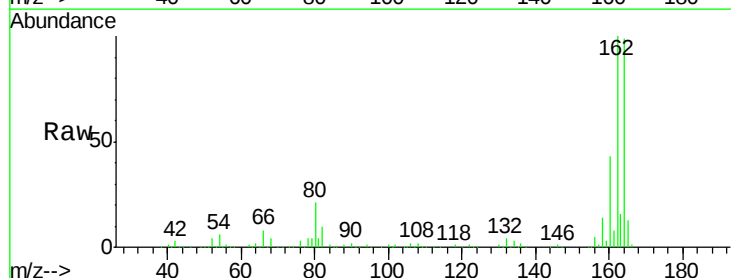
Instrument :
 BNA_F
 ClientSampleId :
 SB-06-COMP

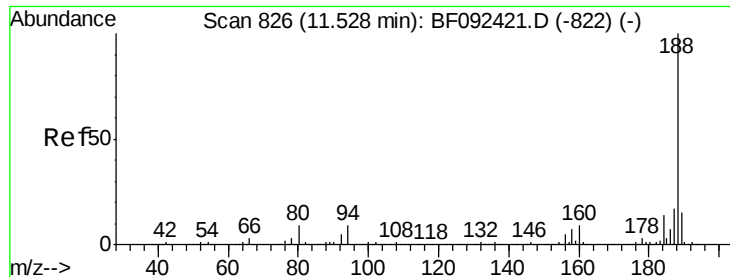
Tgt Ion:165 Resp: 36980
 Ion Ratio Lower Upper
 165 100
 63 1.1 36.2 54.4#
 89 0.0 40.2 60.4#



#56
 2,4-Dinitrotoluene
 Concen: 7.51 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.18 min
 Lab File: BF092605.D
 Acq: 28 Jan 2017 4:44

Tgt Ion:165 Resp: 36976
 Ion Ratio Lower Upper
 165 100
 63 1.1 40.2 60.4#
 89 0.0 62.5 93.7#
 182 0.0 1.8 2.8#

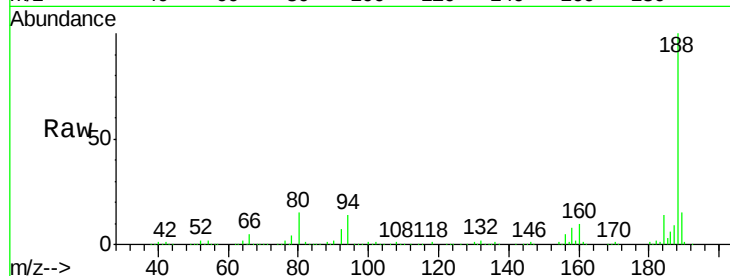




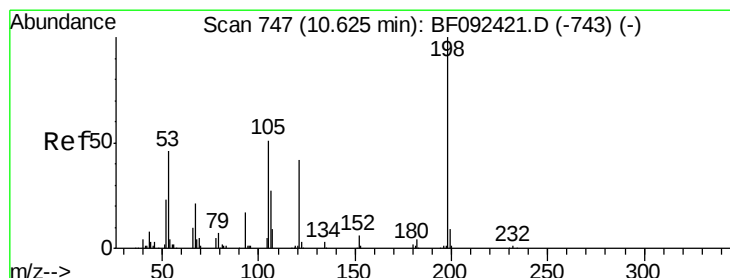
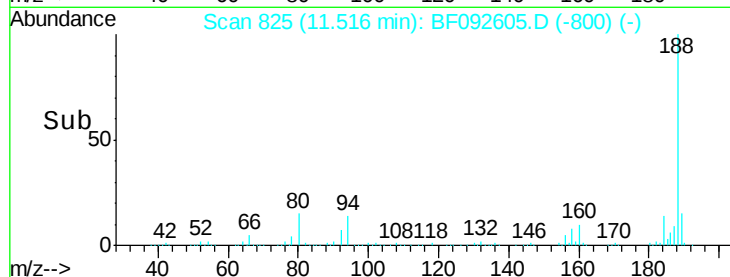
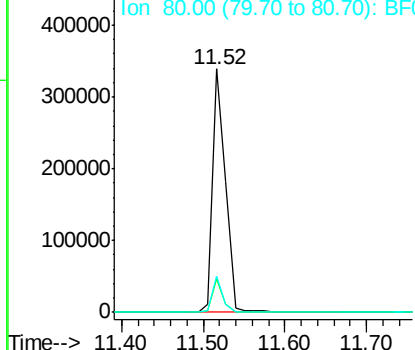
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092605.D
Acq: 28 Jan 2017 4:44

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tgt Ion:188 Resp: 376103
Ion Ratio Lower Upper
188 100
94 13.8 10.0 15.0
80 14.8 11.2 16.8

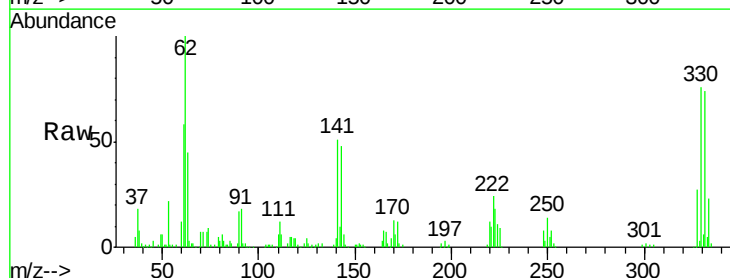


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

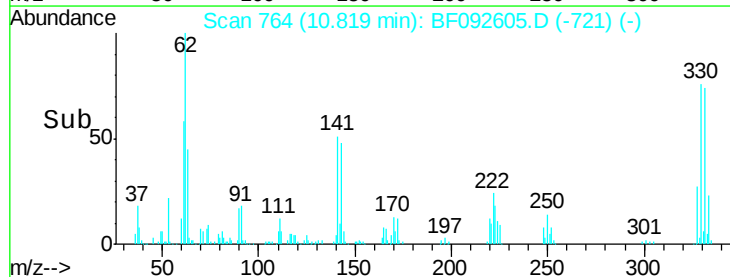
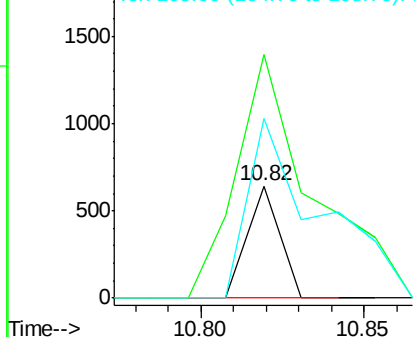


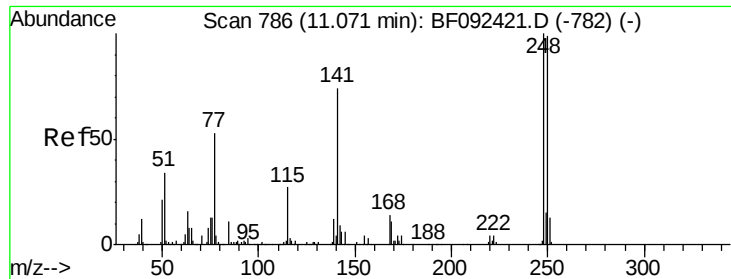
#64
4,6-Dinitro-2-methylphenol
Concen: 5.15 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.20 min
Lab File: BF092605.D
Acq: 28 Jan 2017 4:44

Tgt Ion:198 Resp: 442
Ion Ratio Lower Upper
198 100
51 216.6 6.7 46.7#
105 159.5 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

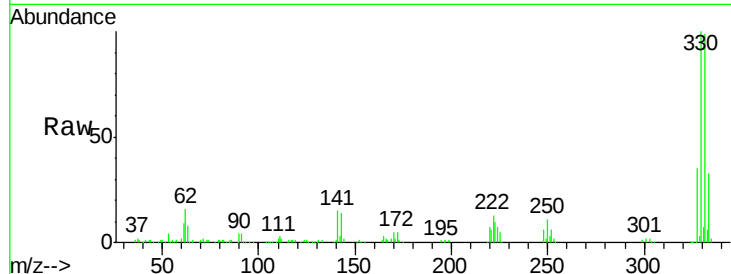




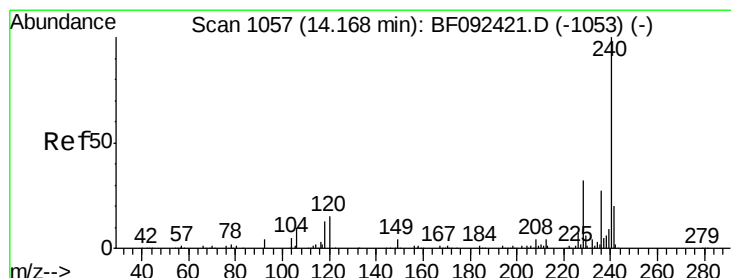
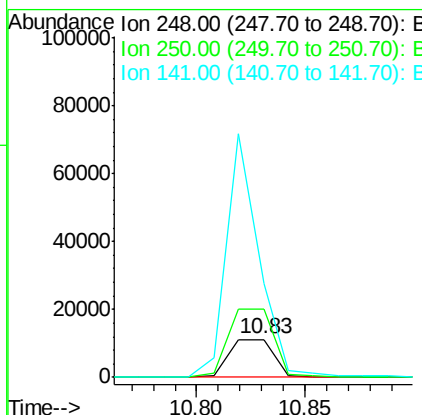
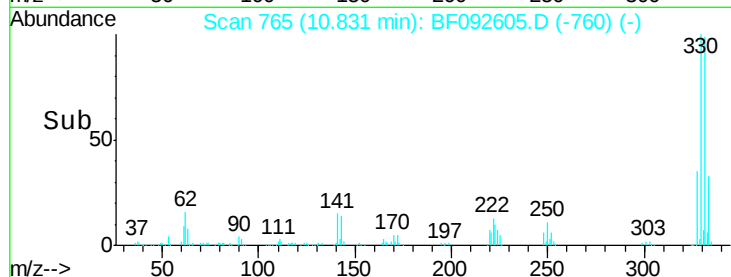
#66
4-Bromophenyl-phenylether
Concen: 4.19 ng
RT: 10.83 min Scan# 765
Delta R.T. -0.24 min
Lab File: BF092605.D
Acq: 28 Jan 2017 4:44

Instrument :
BNA_F
ClientSampleId :
SB-06-COMP

Tgt Ion:248 Resp: 15929
Ion Ratio Lower Upper
248 100
250 178.1 76.9 115.3#
141 247.9 68.2 102.4#

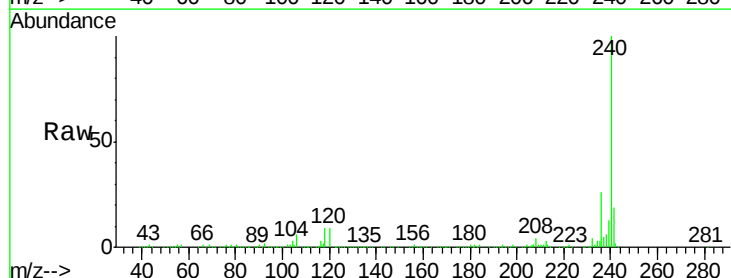


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

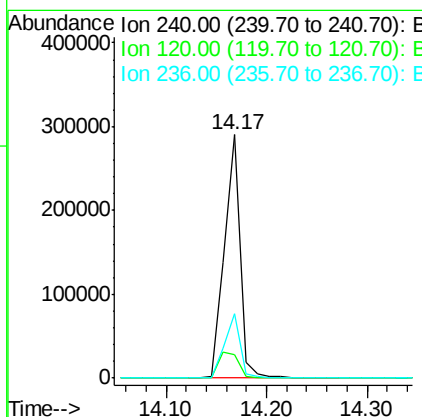
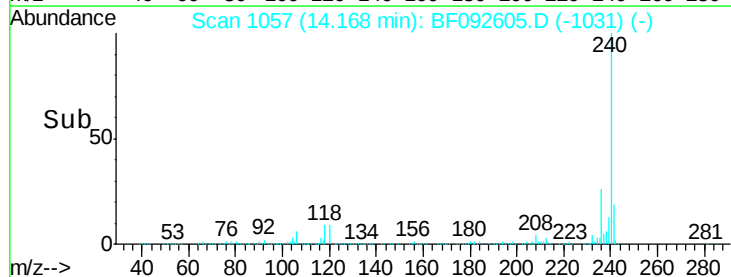


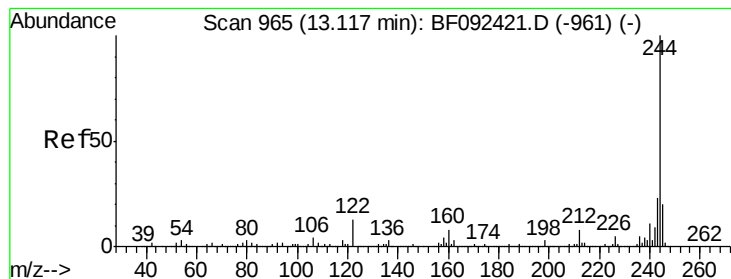
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.17 min Scan# 1057
Delta R.T. 0.00 min
Lab File: BF092605.D
Acq: 28 Jan 2017 4:44

Tgt Ion:240 Resp: 317567
Ion Ratio Lower Upper
240 100
120 9.4 12.9 19.3#
236 26.3 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: 91.79 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092605.D

Acq: 28 Jan 2017 4:44

Instrument :

BNA_F

ClientSampleId :

SB-06-COMP

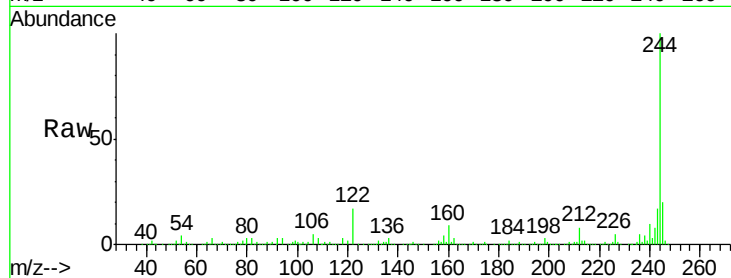
Tgt Ion:244 Resp: 1094663

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

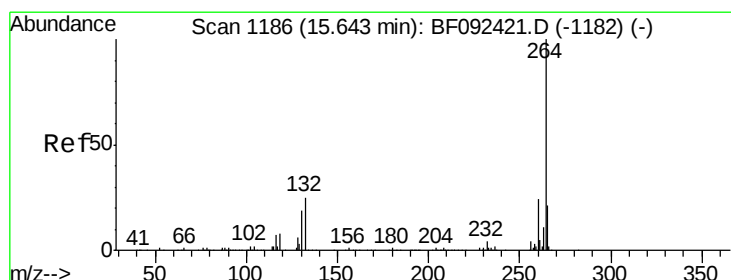
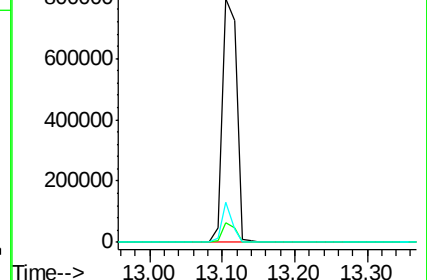
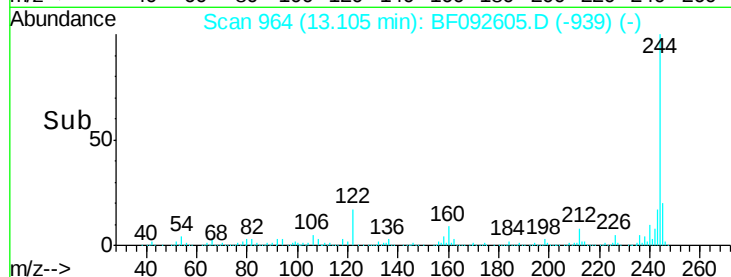
122 16.7 11.4 17.2



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: 15.65 min Scan# 1187

Delta R.T. 0.01 min

Lab File: BF092605.D

Acq: 28 Jan 2017 4:44

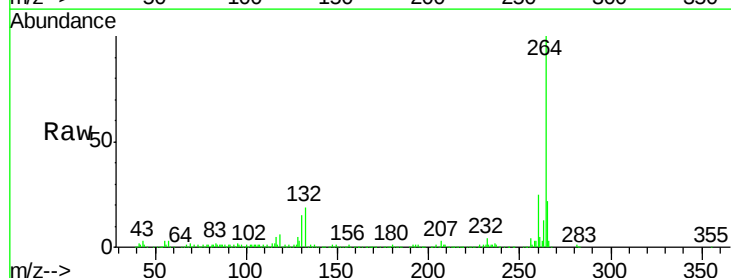
Tgt Ion:264 Resp: 229282

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 22.1 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

