

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092616.D
 Acq On : 28 Jan 2017 10:12
 Operator : SJ/MA
 Sample : I1528-08
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

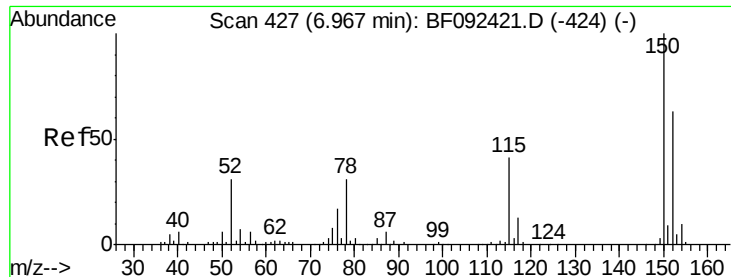
Quant Time: Jan 29 23:47:47 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	152284	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	578071	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	286966	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	380291	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	304165	20.00	ng	-0.01
86) Perylene-d12	15.65	264	219036	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	1366896	139.65	ng	0.05
7) Phenol-d6	6.62	99	1866075	149.67	ng	0.03
23) Nitrobenzene-d5	7.54	82	915330	86.49	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	238343	121.88	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	1692153	109.04	ng	0.00
78) Terphenyl-d14	13.11	244	1116284	97.73	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.67	93	63174	3.40	ng	# 13
10) Phenol	6.64	94	74187	4.93	ng	# 62
11) bis(2-Chloroethyl)ether	6.67	93	63174	5.61	ng	# 21
19) n-Nitroso-di-n-propylamine	7.54	70	121970	14.37	ng	# 83
25) Isophorone	7.54	82	716034	34.34	ng	# 65
49) Dimethylphthalate	9.74	163	166744	9.14	ng	100
56) 2,4-Dinitrotoluene	10.03	165	38943	7.87	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.82	198	344	5.10	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	17079	4.45	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.00 min

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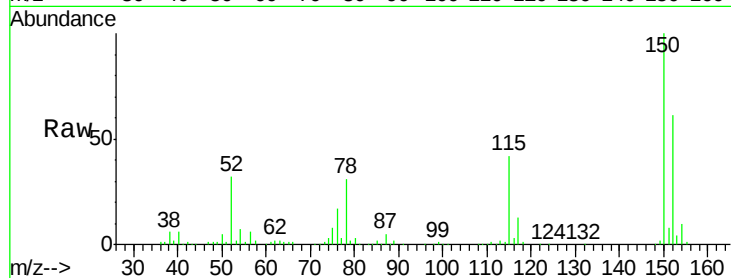
Tgt Ion:152 Resp: 152284

Ion Ratio Lower Upper

152 100

150 163.0 124.9 187.3

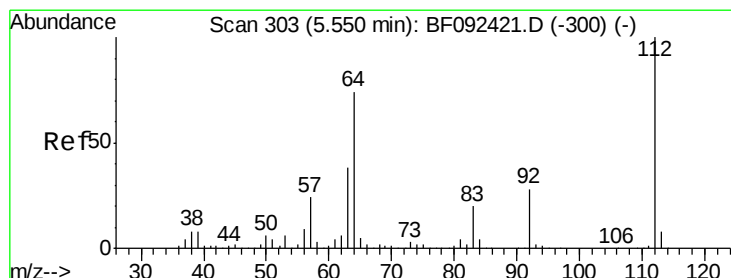
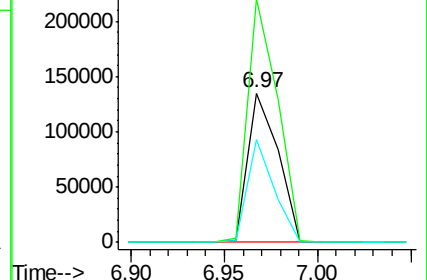
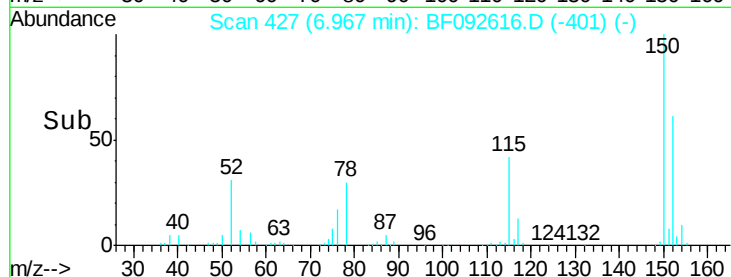
115 68.5 46.0 69.0



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: 139.65 ng

RT: 5.60 min Scan# 307

Delta R.T. 0.05 min

Lab File: BF092616.D

Acq: 28 Jan 2017 10:12

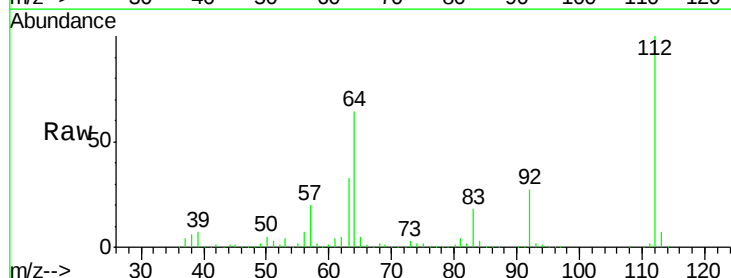
Tgt Ion:112 Resp: 1366896

Ion Ratio Lower Upper

112 100

64 64.4 46.1 69.1

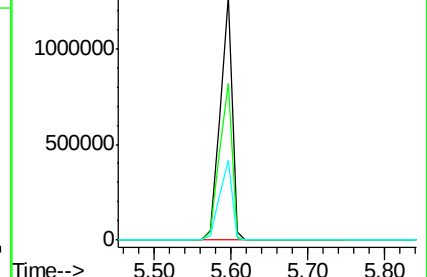
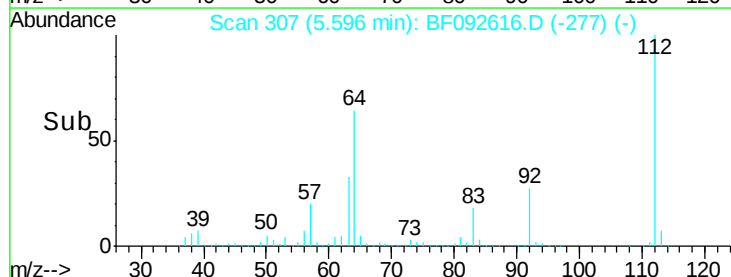
63 32.7 23.8 35.6

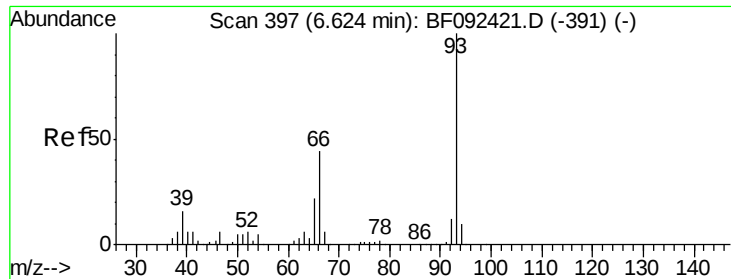


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 3.40 ng

RT: 6.67 min Scan# 401

Delta R.T. 0.05 min

Lab File: BF092616.D

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SB-17-COMP

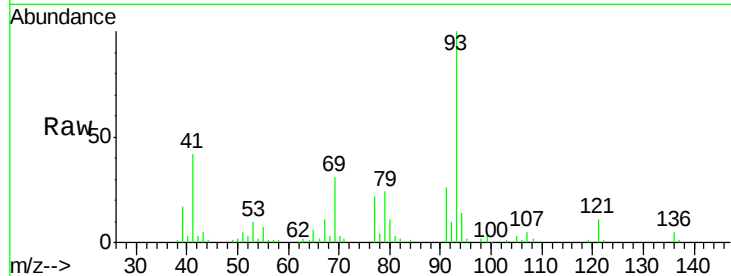
Tgt Ion: 93 Resp: 63174

Ion Ratio Lower Upper

93 100

66 2.4 76.2 114.2#

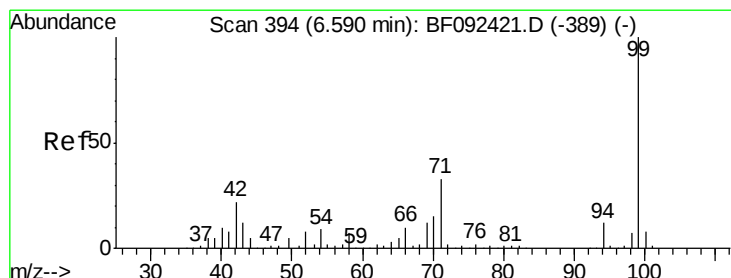
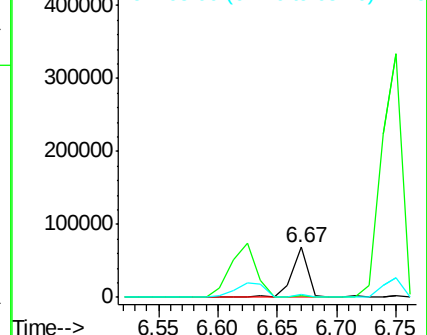
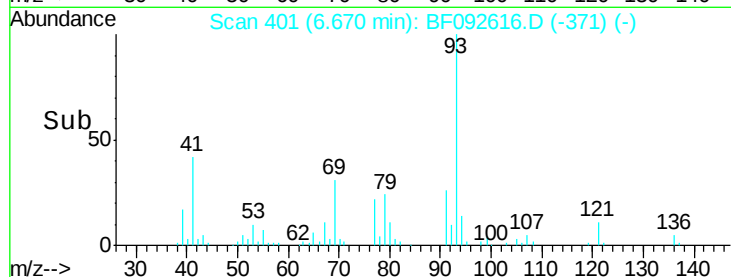
65 5.9 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 149.67 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.03 min

Lab File: BF092616.D

Acq: 28 Jan 2017 10:12

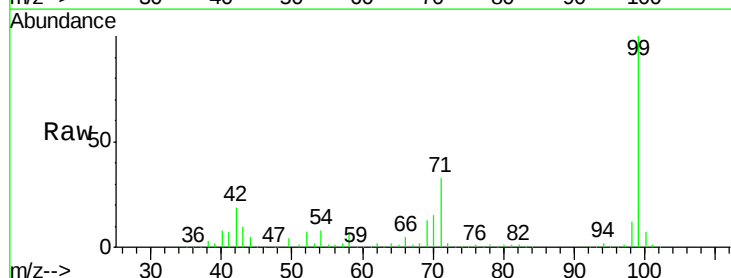
Tgt Ion: 99 Resp: 1866075

Ion Ratio Lower Upper

99 100

42 18.8 15.6 23.4

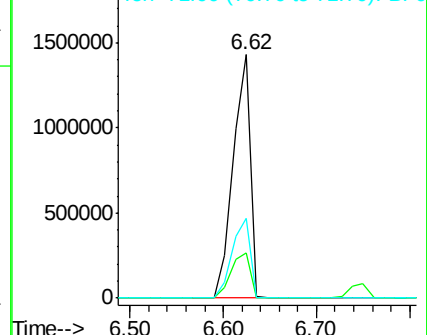
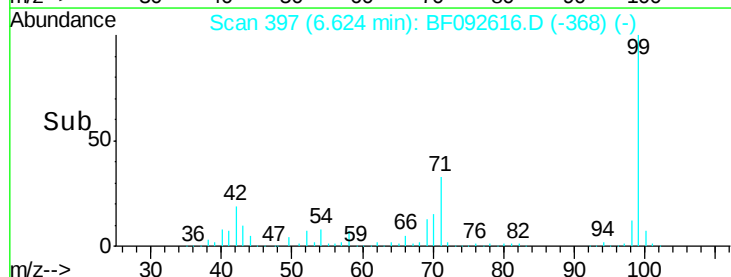
71 33.0 27.5 41.3

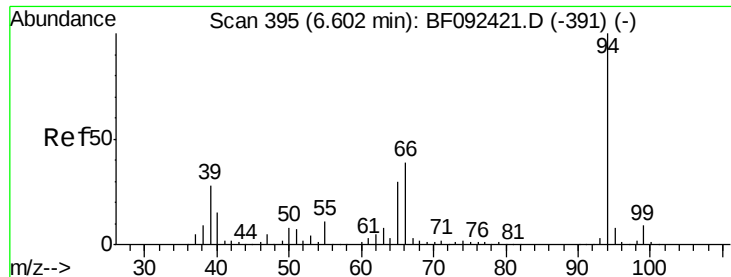


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 4.93 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.03 min

Lab File: BF092616.D

Acq: 28 Jan 2017 10:12

Instrument :

BNA_F

ClientSampleId :

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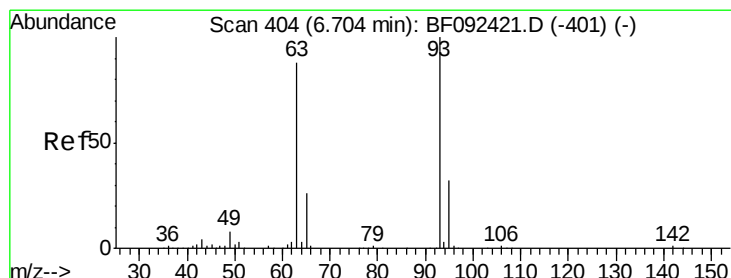
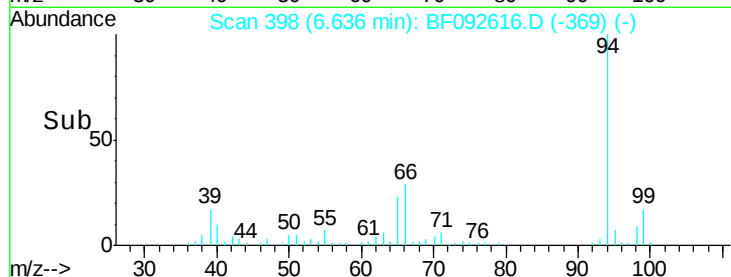
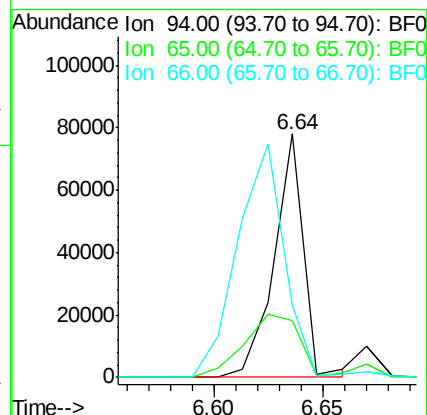
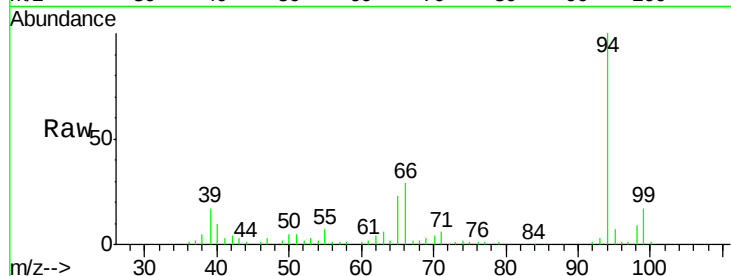
Tgt Ion: 94 Resp: 74187

Ion Ratio Lower Upper

94 100

65 23.2 21.4 61.4

66 29.4 44.0 84.0#



#11

bis(2-Chloroethyl)ether

Concen: 5.61 ng

RT: 6.67 min Scan# 401

Delta R.T. -0.03 min

Lab File: BF092616.D

Acq: 28 Jan 2017 10:12

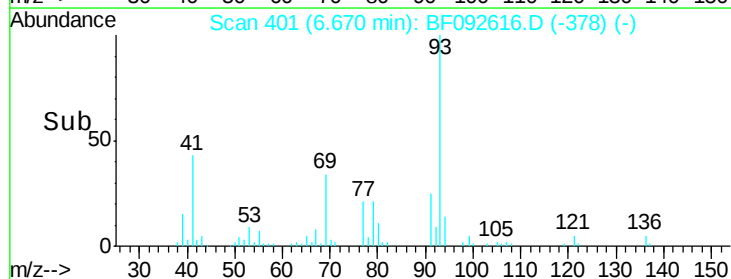
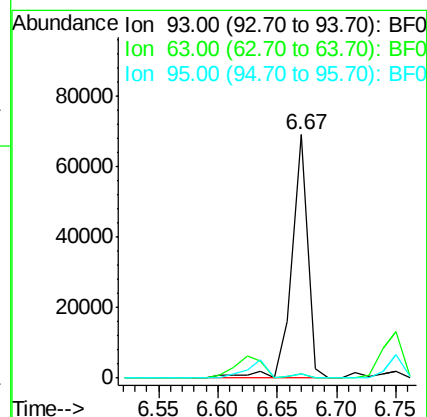
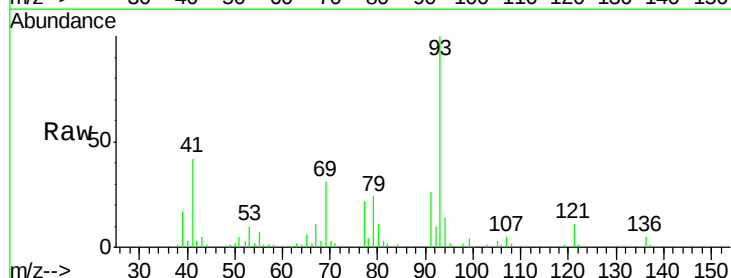
Tgt Ion: 93 Resp: 63174

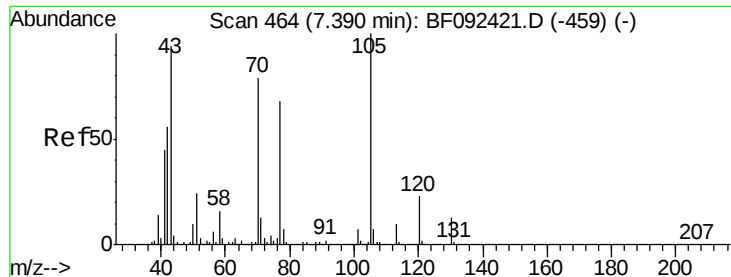
Ion Ratio Lower Upper

93 100

63 1.7 60.4 100.4#

95 1.8 12.8 52.8#

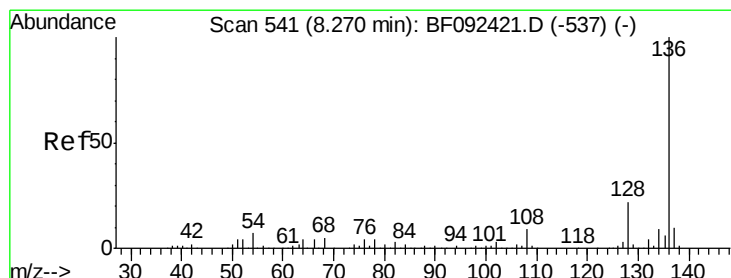
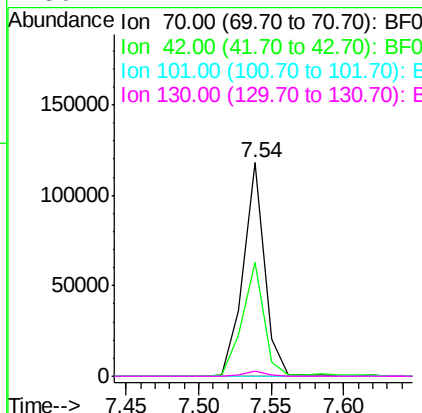
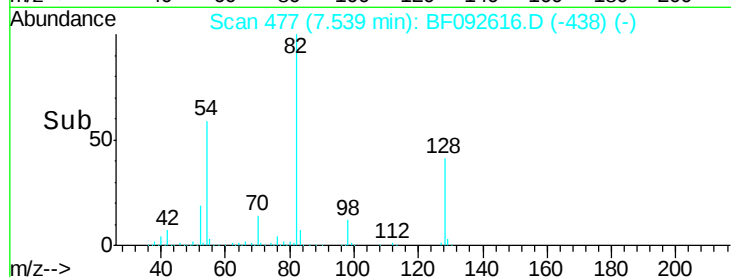
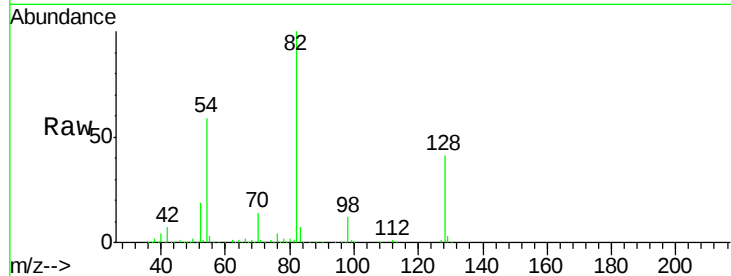




#19
n-Nitroso-di-n-propylamine
Concen: 14.37 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF092616.D
Acq: 28 Jan 2017 10:12

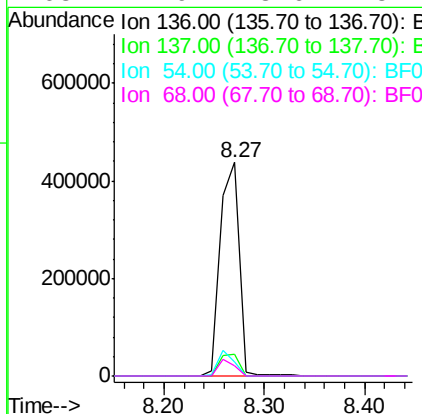
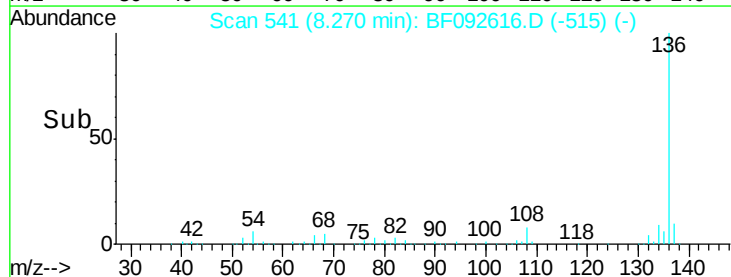
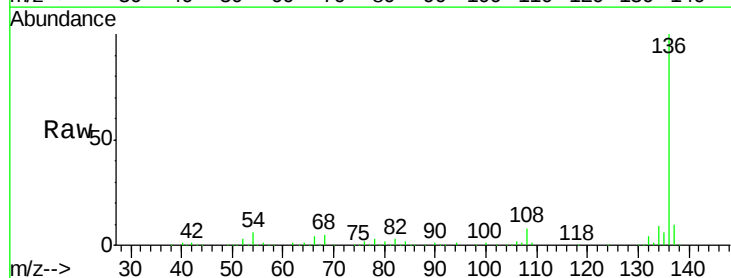
Instrument :
BNA_F
ClientSampleId :
SB-17-COMP

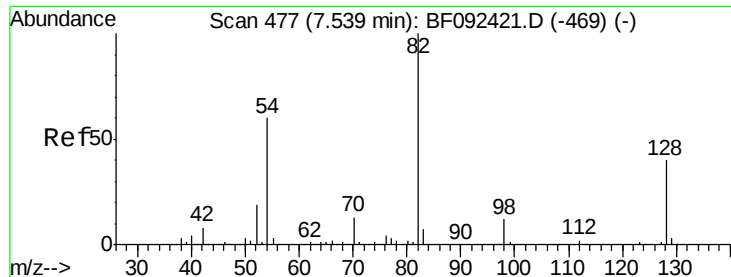
Tgt Ion: 70 Resp: 121970
Ion Ratio Lower Upper
70 100
42 53.2 49.4 74.0
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF092616.D
Acq: 28 Jan 2017 10:12

Tgt Ion: 136 Resp: 578071
Ion Ratio Lower Upper
136 100
137 10.3 8.4 12.6
54 6.4 4.5 6.7
68 4.9 3.6 5.4

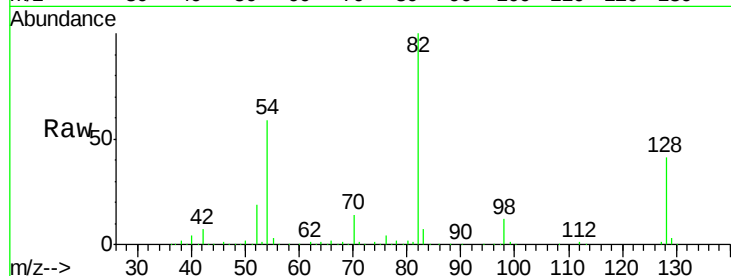




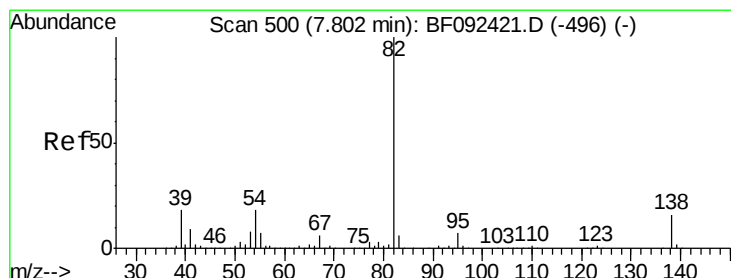
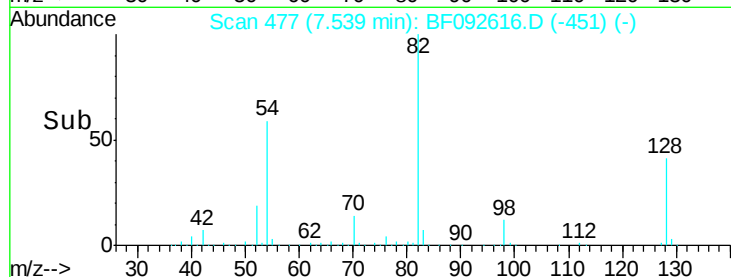
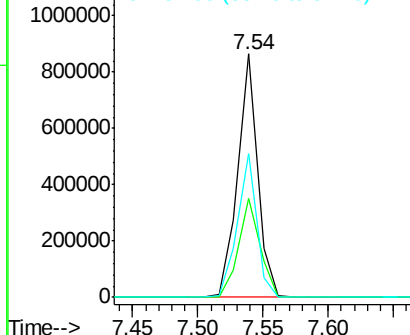
#23
 Nitrobenzene-d5
 Concen: 86.49 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.00 min
 Lab File: BF092616.D
 Acq: 28 Jan 2017 10:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

Tgt Ion: 82 Resp: 915330
 Ion Ratio Lower Upper
 82 100
 128 40.5 34.6 52.0
 54 59.2 39.5 59.3

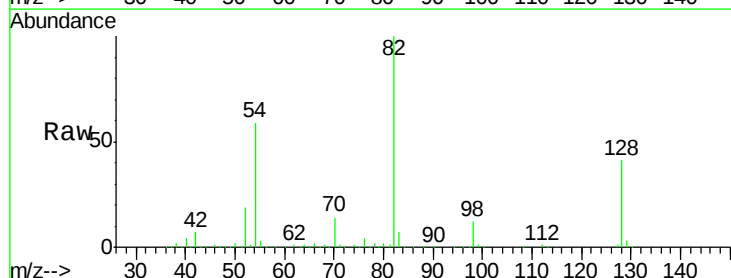


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

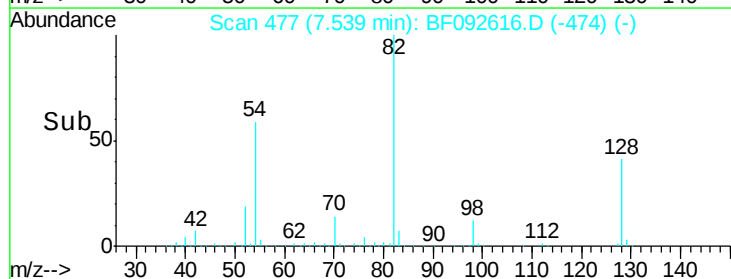
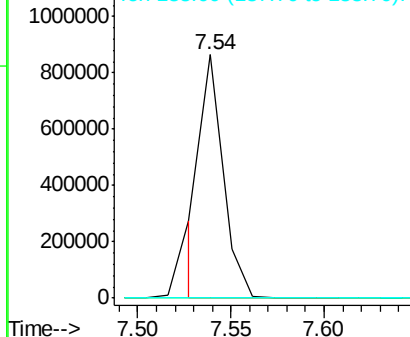


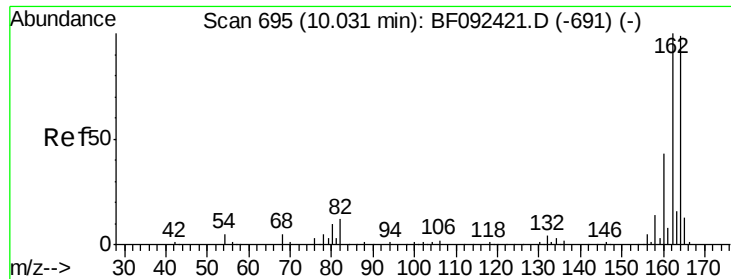
#25
 Isophorone
 Concen: 34.34 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.26 min
 Lab File: BF092616.D
 Acq: 28 Jan 2017 10:12

Tgt Ion: 82 Resp: 716034
 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

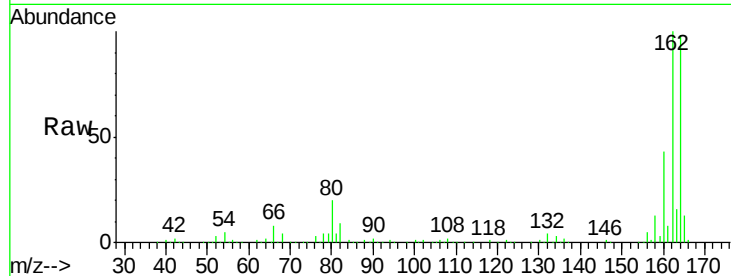




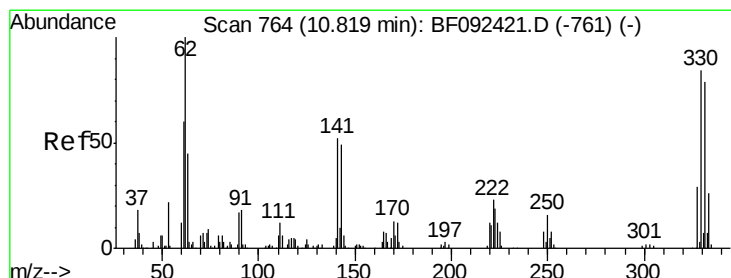
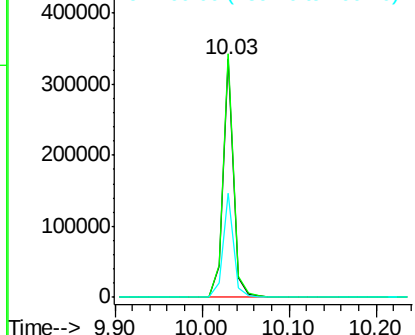
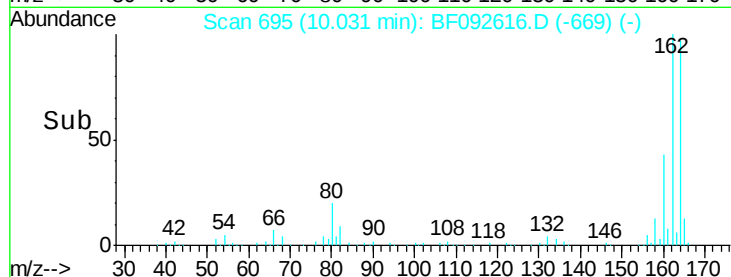
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF092616.D
 Acq: 28 Jan 2017 10:12

Instrument :
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 ClientSampleId :
 SB-17-COMP

Tgt Ion:164 Resp: 286966
 Ion Ratio Lower Upper
 164 100
 162 102.1 80.2 120.2
 160 43.8 36.9 55.3

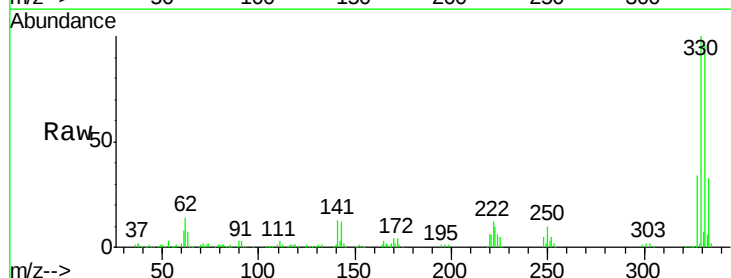


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

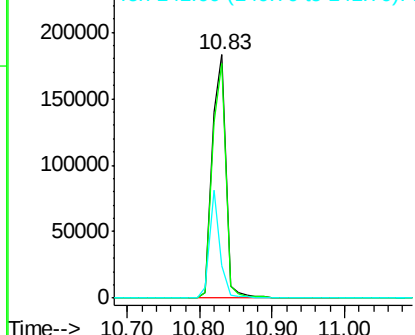
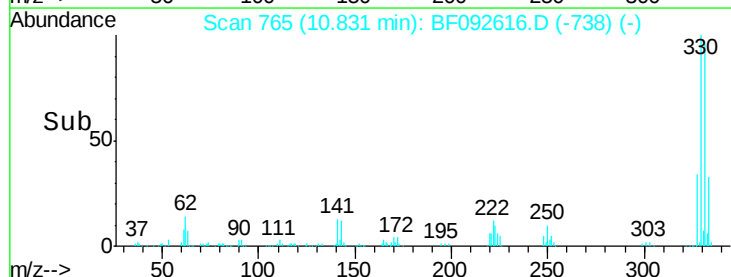


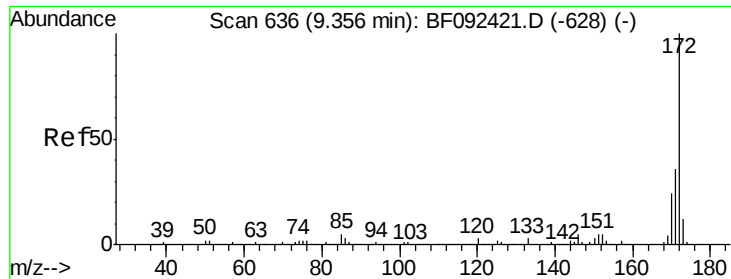
#41
 2,4,6-Tribromophenol
 Concen: 121.88 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BF092616.D
 Acq: 28 Jan 2017 10:12

Tgt Ion:330 Resp: 238343
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.4 116.2
 141 34.3 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

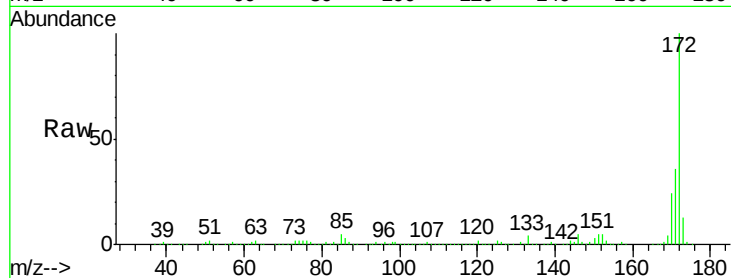




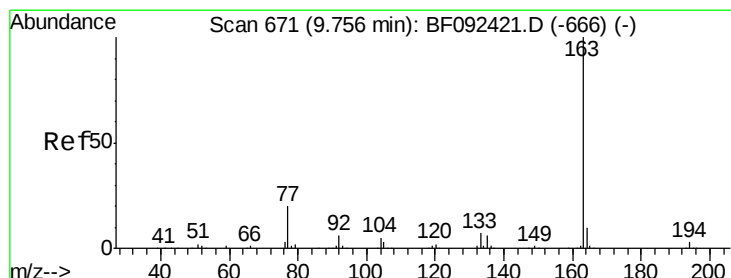
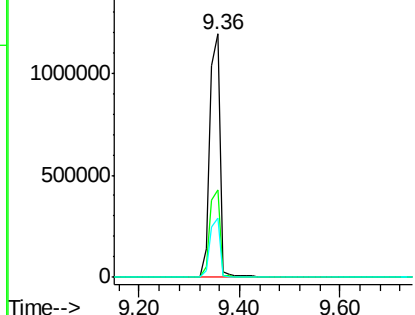
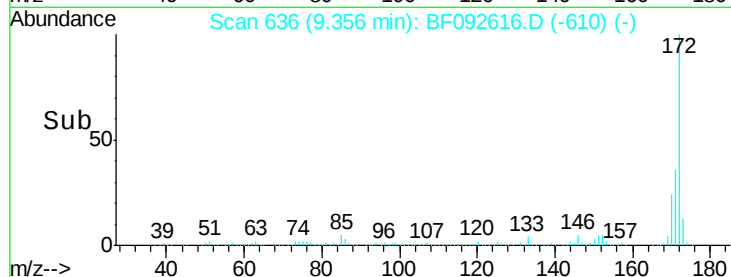
#44
 2-Fluorobiphenyl
 Concen: 109.04 ng
 RT: 9.36 min Scan# 636
 Delta R.T. 0.00 min
 Lab File: BF092616.D
 Acq: 28 Jan 2017 10:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

Tgt Ion:172 Resp: 1692153
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.2 20.2 30.4

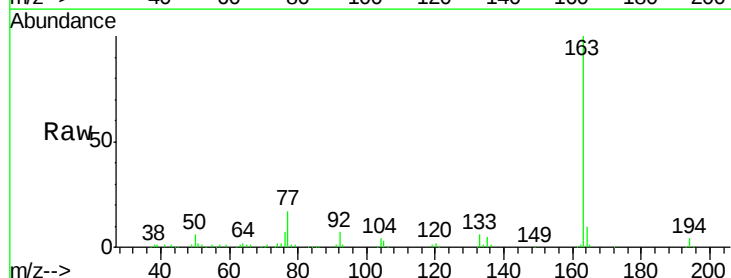


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

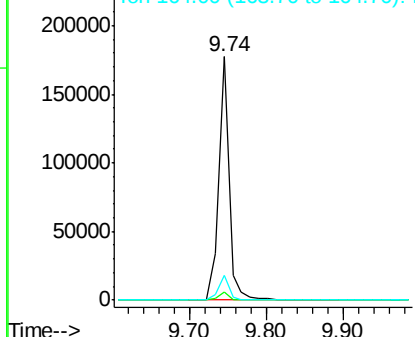
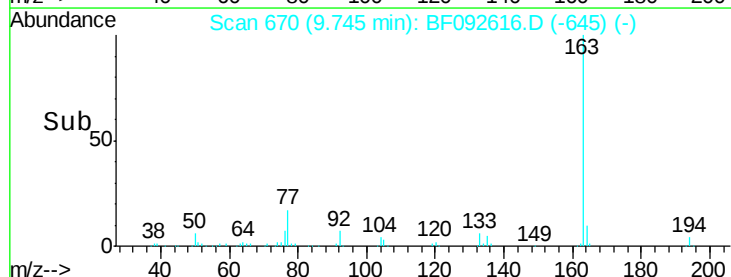


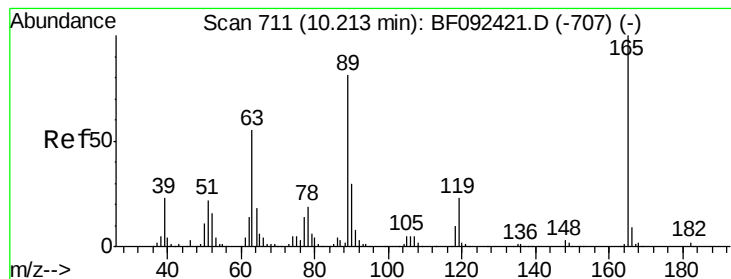
#49
 Dimethylphthalate
 Concen: 9.14 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF092616.D
 Acq: 28 Jan 2017 10:12

Tgt Ion:163 Resp: 166744
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.0 4.4
 164 9.9 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





#56

2,4-Dinitrotoluene

Concen: 7.87 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.18 min

Lab File: BF092616.D

Acq: 28 Jan 2017 10:12

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

Tgt Ion:165 Resp: 38943

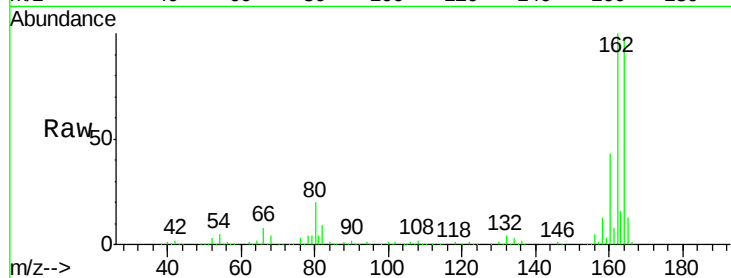
Ion Ratio Lower Upper

165 100

63 0.7 40.2 60.4#

89 0.7 62.5 93.7#

182 0.0 1.8 2.8#

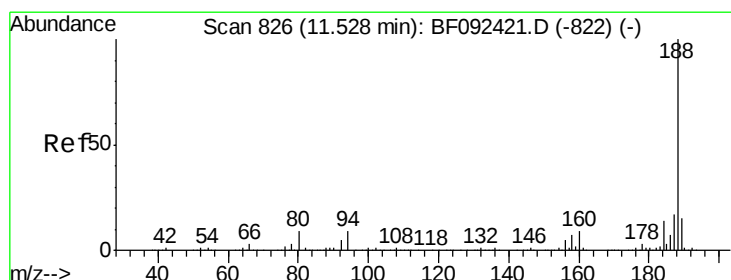
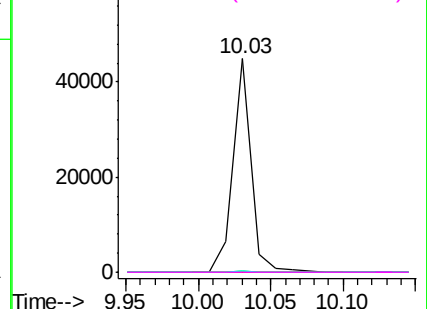
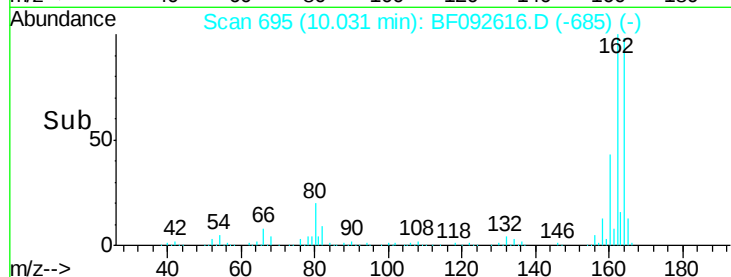


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.52 min Scan# 825

Delta R.T. -0.01 min

Lab File: BF092616.D

Acq: 28 Jan 2017 10:12

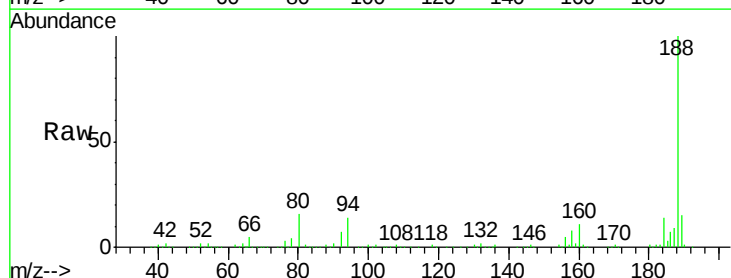
Tgt Ion:188 Resp: 380291

Ion Ratio Lower Upper

188 100

94 14.0 10.0 15.0

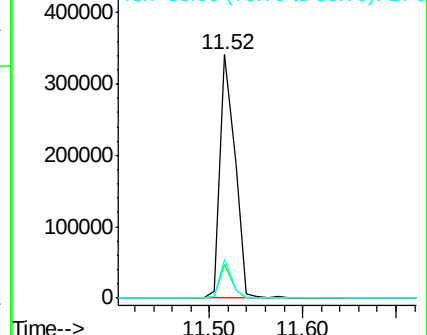
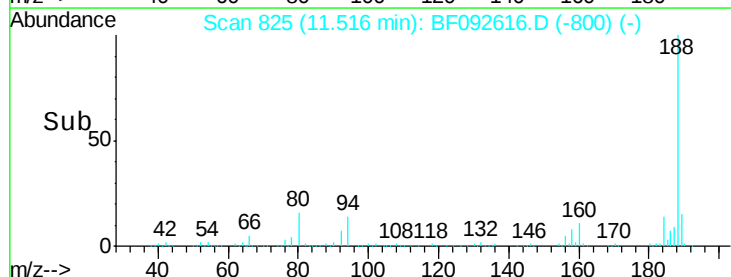
80 16.1 11.2 16.8

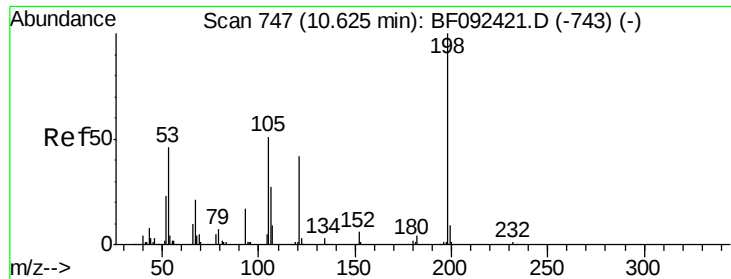


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

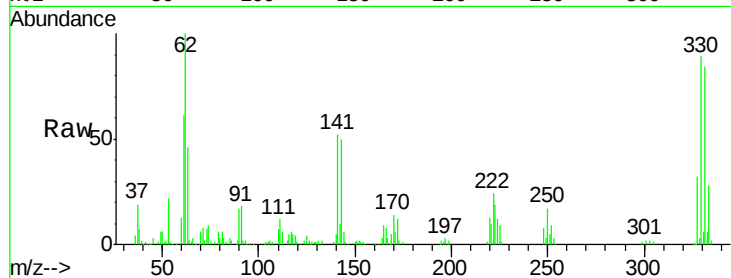




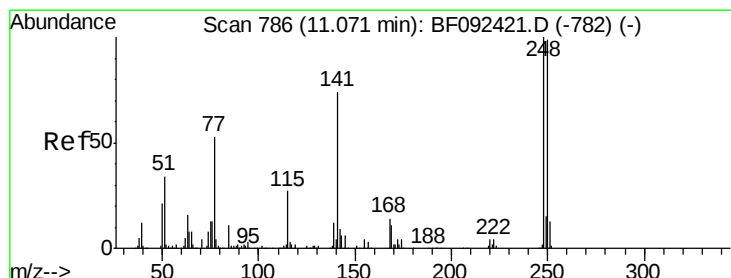
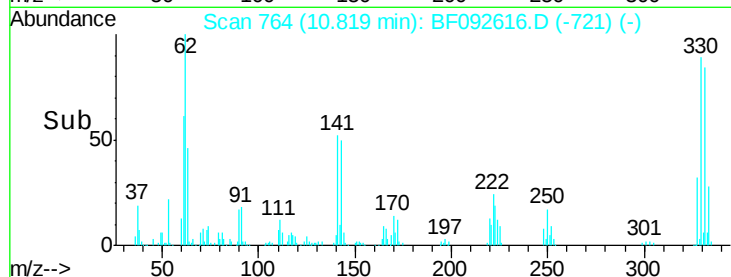
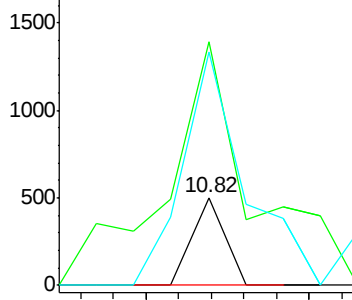
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.10 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.20 min
 Lab File: BF092616.D
 Acq: 28 Jan 2017 10:12

Instrument :
 BNA_F
 ClientSampleId :
 SB-17-COMP

Tgt Ion:198 Resp: 344
 Ion Ratio Lower Upper
 198 100
 51 277.8 6.7 46.7#
 105 265.7 16.6 56.6#

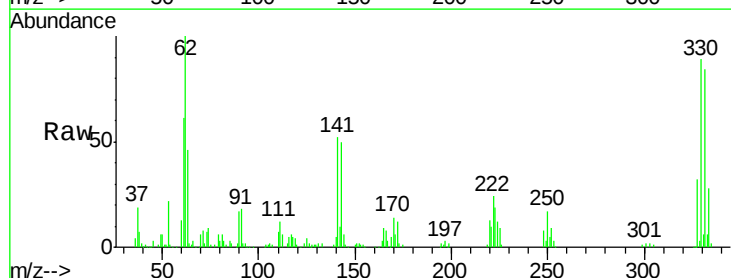


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

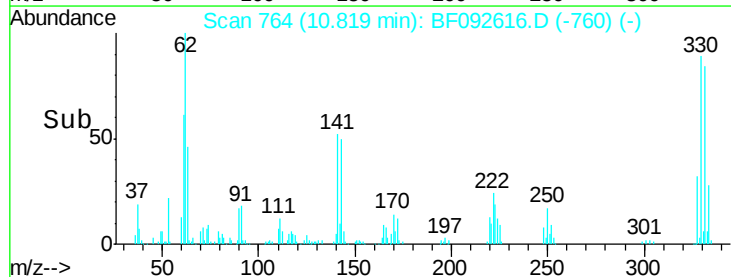
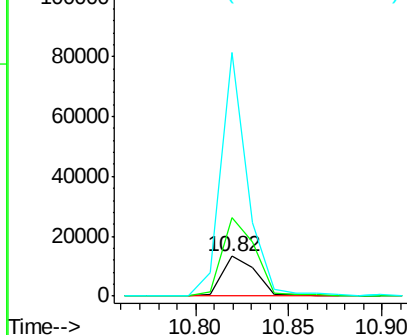


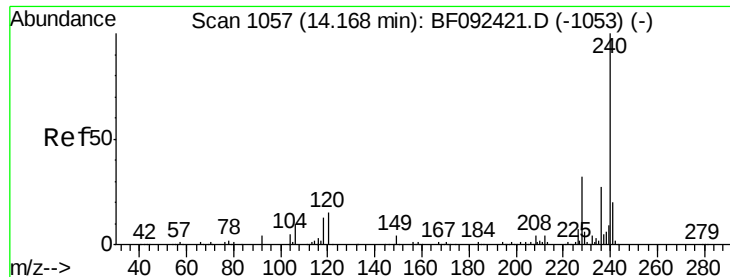
#66
 4-Bromophenyl-phenylether
 Concen: 4.45 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.25 min
 Lab File: BF092616.D
 Acq: 28 Jan 2017 10:12

Tgt Ion:248 Resp: 17079
 Ion Ratio Lower Upper
 248 100
 250 196.6 76.9 115.3#
 141 610.1 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: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092616.D

Acq: 28 Jan 2017 10:12

Instrument :

BNA_F

ClientSampleId :

SB-17-COMP

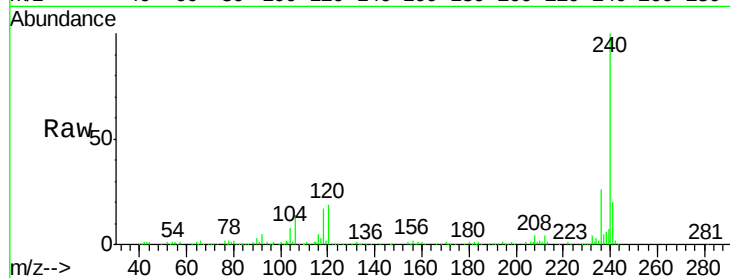
Tgt Ion:240 Resp: 304165

Ion Ratio Lower Upper

240 100

120 19.1 12.9 19.3

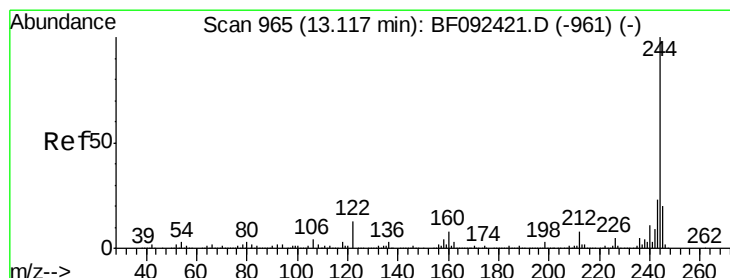
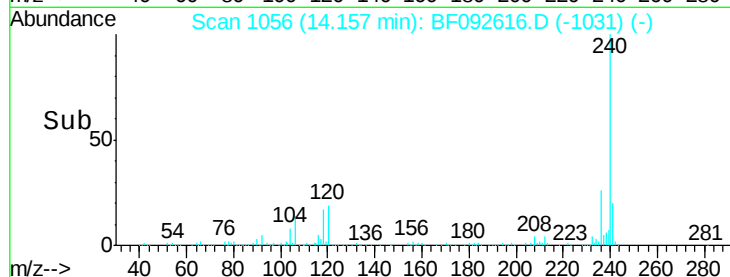
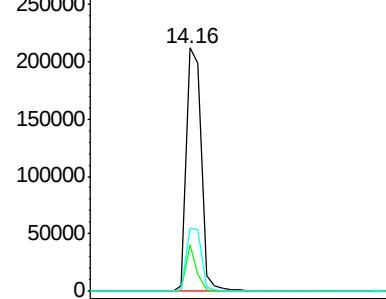
236 25.9 20.9 31.3



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: 97.73 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092616.D

Acq: 28 Jan 2017 10:12

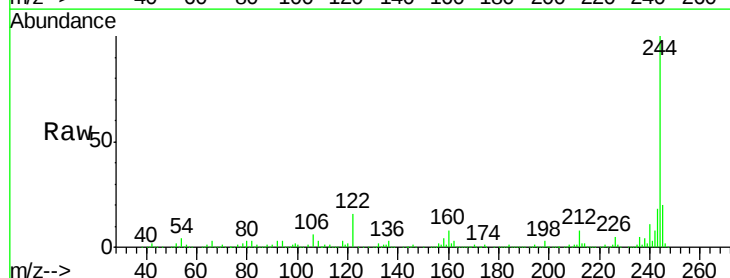
Tgt Ion:244 Resp: 1116284

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

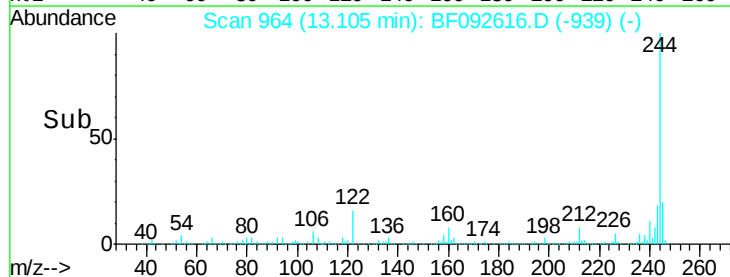
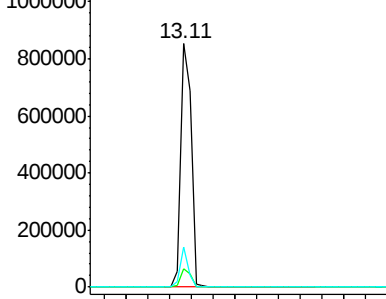
122 16.3 11.4 17.2

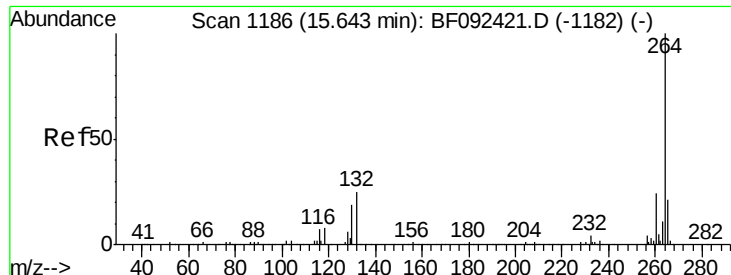


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

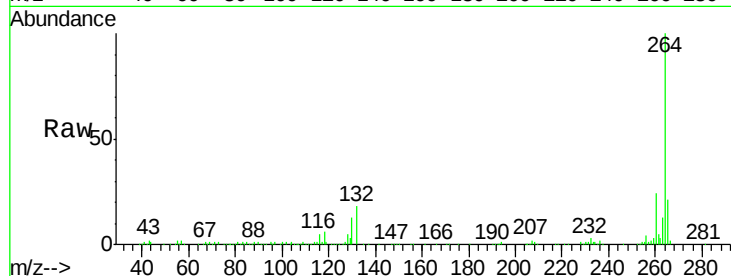




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF092616.D
Acq: 28 Jan 2017 10:12

Instrument :
BNA_F
ClientSampleId :
SB-17-COMP

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.6	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

