

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011217\
 Data File : BF092212.D
 Acq On : 12 Jan 2017 17:10
 Operator : UM/SJ
 Sample : I1029-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-005

Quant Time: Jan 12 23:42:22 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

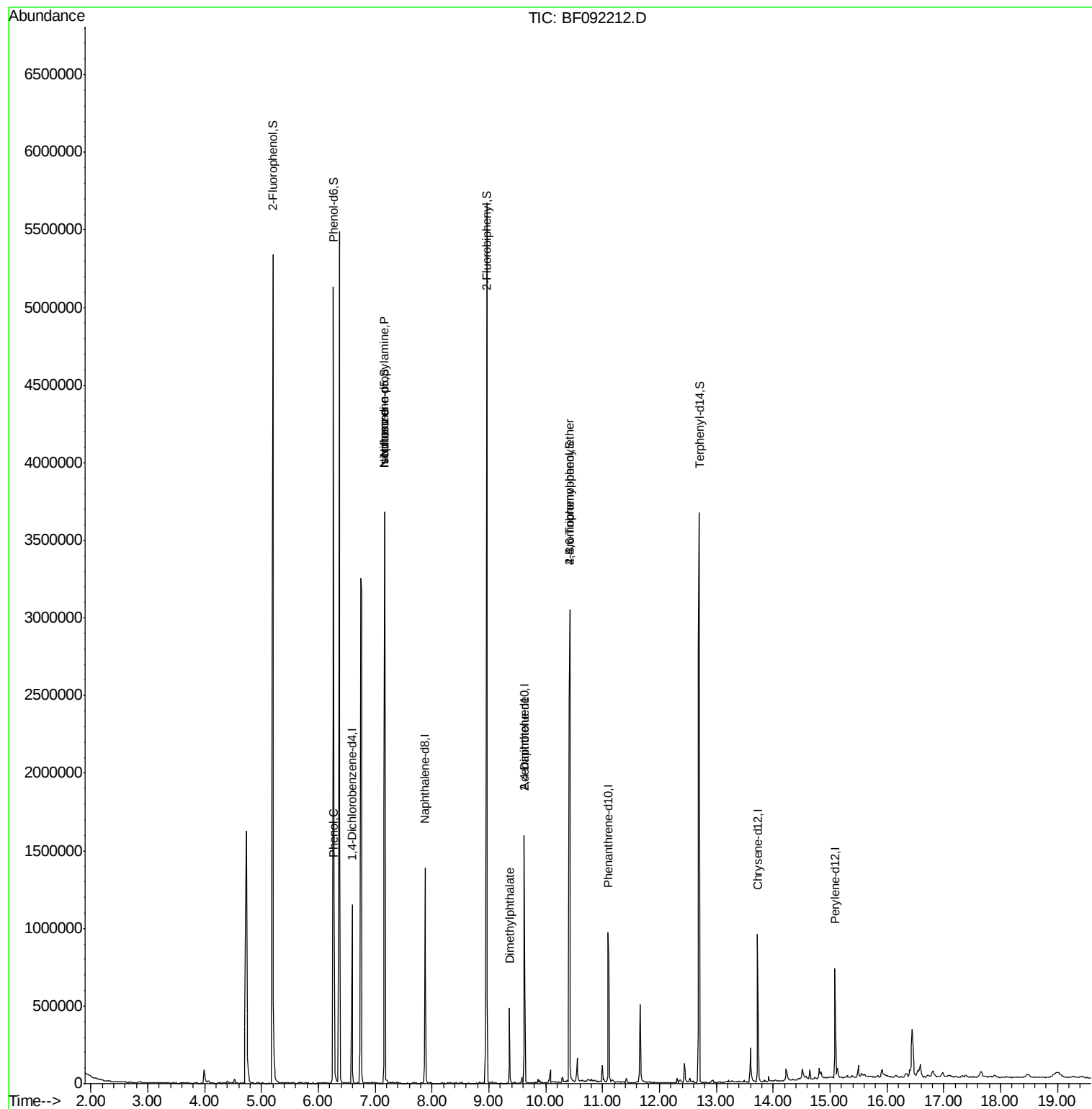
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	196206	20.00	ng	-0.05
21) Naphthalene-d8	7.88	136	797800	20.00	ng	-0.06
38) Acenaphthene-d10	9.62	164	385945	20.00	ng	-0.06
63) Phenanthrene-d10	11.10	188	503060	20.00	ng	-0.06
75) Chrysene-d12	13.73	240	372129	20.00	ng	-0.06
86) Perylene-d12	15.09	264	304034	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1882299	160.19	ng	-0.03
7) Phenol-d6	6.26	99	2065847	144.00	ng	-0.05
23) Nitrobenzene-d5	7.17	82	1423387	99.21	ng	-0.05
41) 2,4,6-Tribromophenol	10.42	330	531490	166.40	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	1946992	106.65	ng	-0.05
78) Terphenyl-d14	12.70	244	1580489	103.00	ng	-0.05
Target Compounds						
10) Phenol	6.28	94	153742	9.40	ng	# 71
19) n-Nitroso-di-n-propylamine	7.17	70	191483	20.06	ng	# 76
25) Isophorone	7.17	82	1394800	52.69	ng	# 65
37) 2-Methylnaphthalene	8.60	142	315	Below Cal	#	72
49) Dimethylphthalate	9.36	163	200490	8.12	ng	99
56) 2,4-Dinitrotoluene	9.62	165	48416	7.14	ng	# 20
66) 4-Bromophenyl-phenylether	10.42	248	34416	6.58	ng	# 1
71) Anthracene	11.13	178	4413	Below Cal		96
73) Di-n-butylphthalate	11.68	149	9749	Below Cal		98
74) Fluoranthene	12.31	202	11809	Below Cal		96

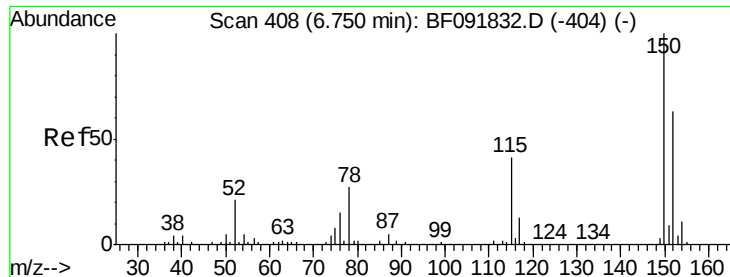
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 412

Delta R.T. -0.05 min

Lab File: BF092212.D

Acq: 12 Jan 2017 17:10

Instrument :

BNA_F

ClientSampleId :

COMP-005

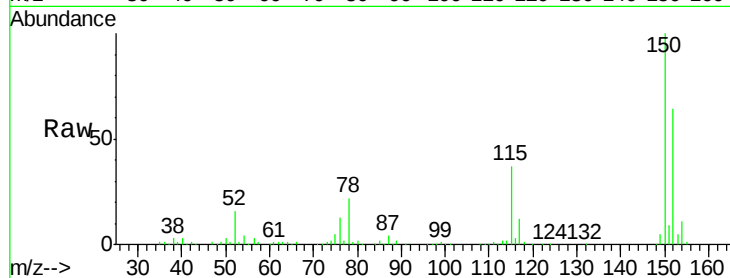
Tgt Ion:152 Resp: 196206

Ion Ratio Lower Upper

152 100

150 156.0 124.9 187.3

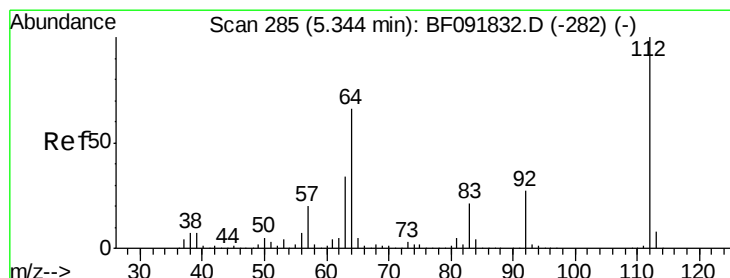
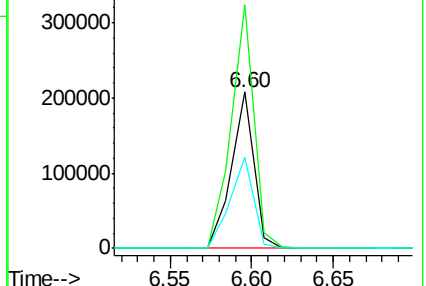
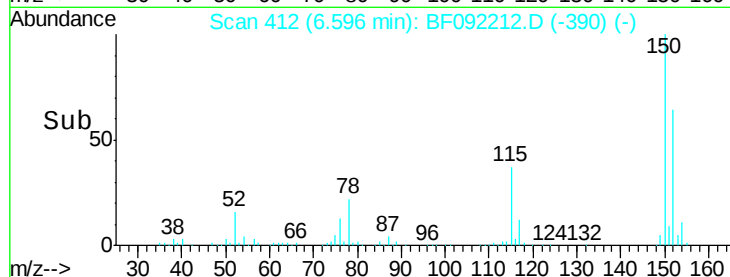
115 58.2 46.0 69.0



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: 160.19 ng

RT: 5.20 min Scan# 290

Delta R.T. -0.03 min

Lab File: BF092212.D

Acq: 12 Jan 2017 17:10

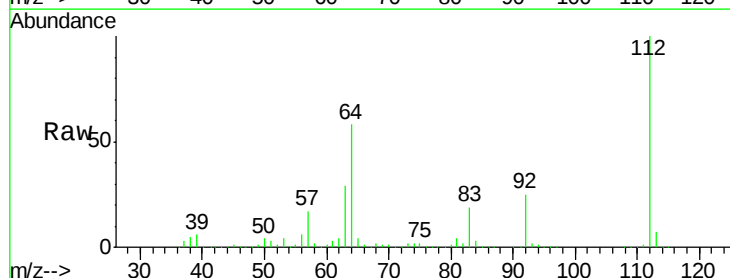
Tgt Ion:112 Resp: 1882299

Ion Ratio Lower Upper

112 100

64 58.1 46.1 69.1

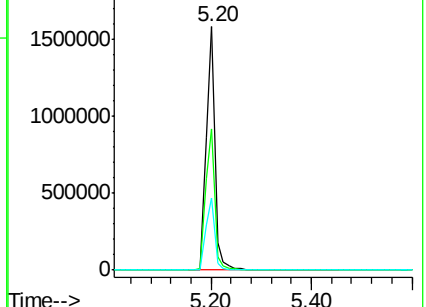
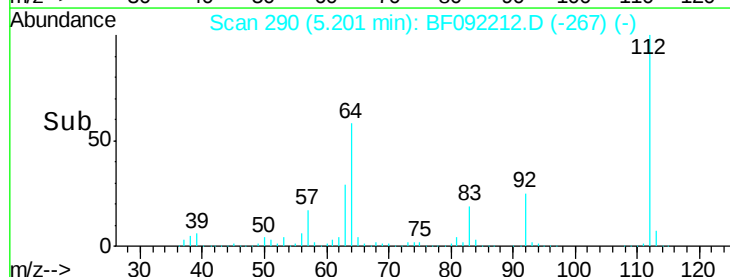
63 29.4 23.8 35.6

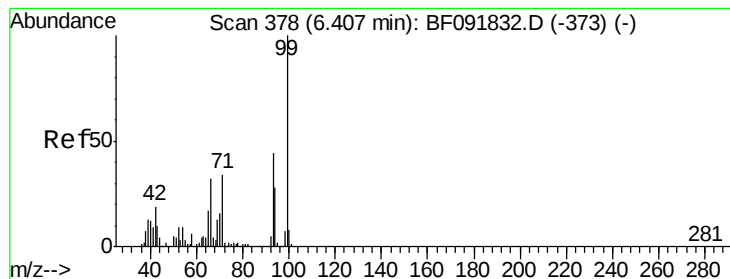


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 144.00 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092212.D

Acq: 12 Jan 2017 17:10

Instrument :

BNA_F

ClientSampleId :

COMP-005

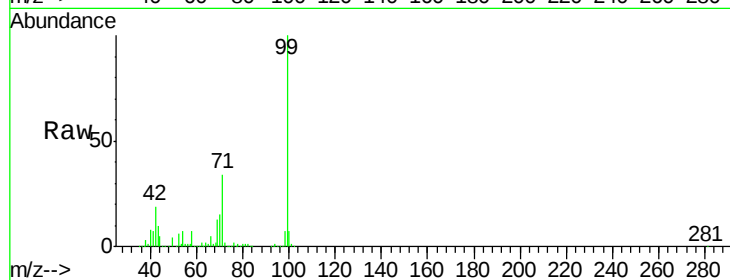
Tgt Ion: 99 Resp: 2065847

Ion Ratio Lower Upper

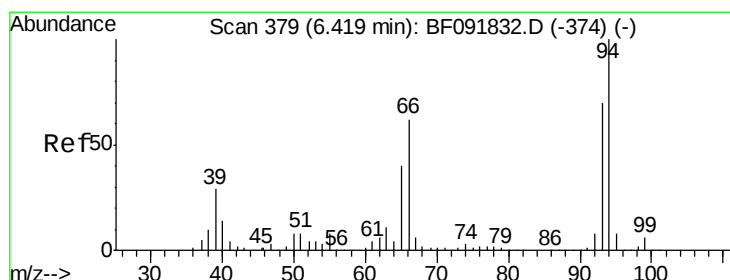
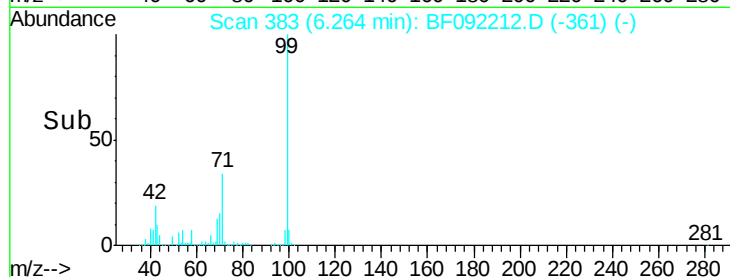
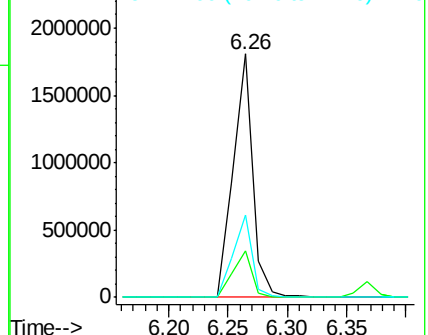
99 100

42 19.0 15.6 23.4

71 33.9 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: 9.40 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF092212.D

Acq: 12 Jan 2017 17:10

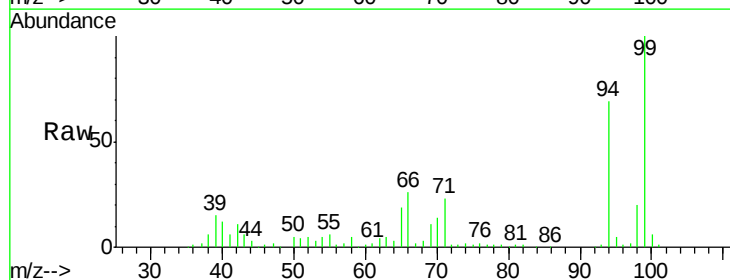
Tgt Ion: 94 Resp: 153742

Ion Ratio Lower Upper

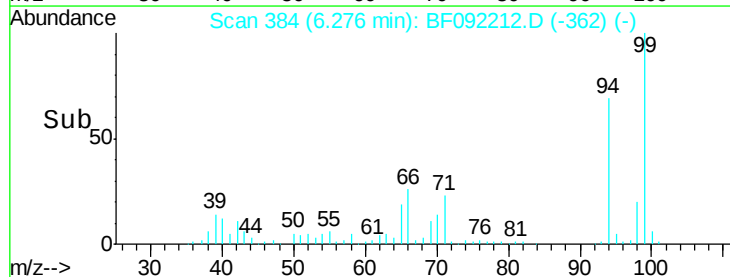
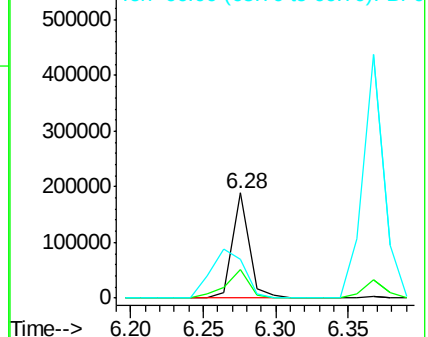
94 100

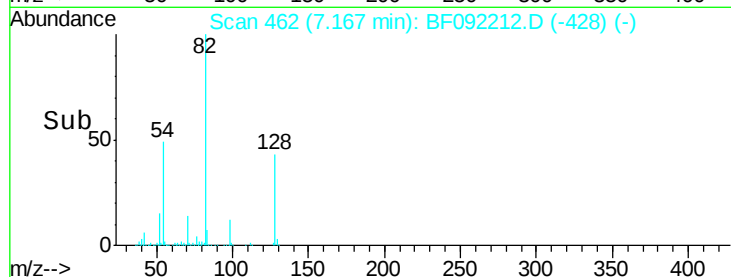
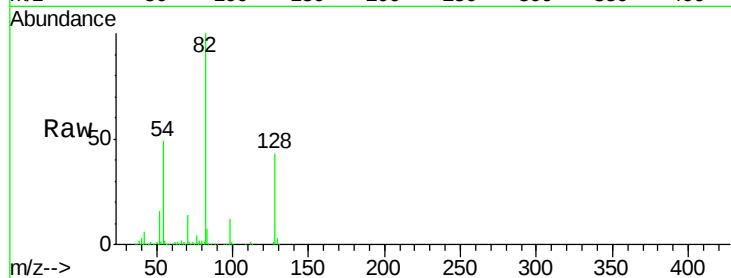
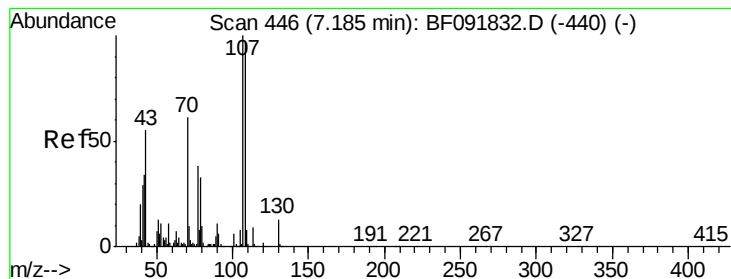
65 27.8 21.4 61.4

66 37.2 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: 20.06 ng

RT: 7.17 min Scan# 462

Delta R.T. 0.09 min

Lab File: BF092212.D

Acq: 12 Jan 2017 17:10

Instrument :

BNA_F

ClientSampleId :

COMP-005

Tgt Ion: 70 Resp: 191483

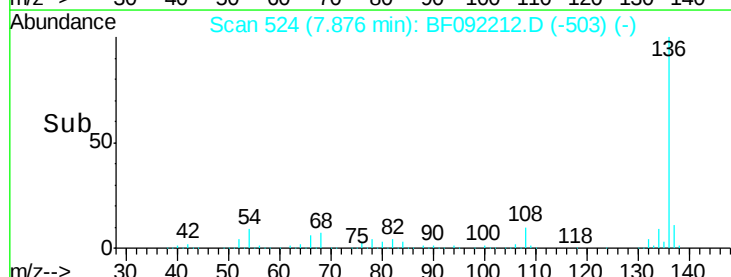
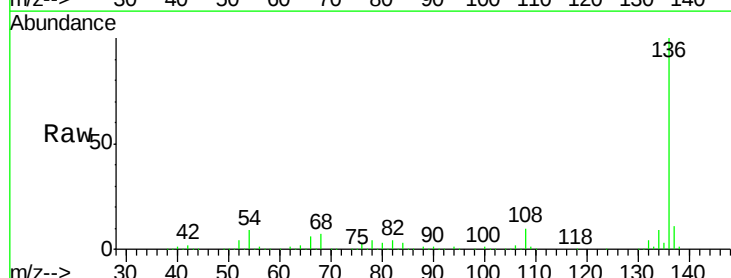
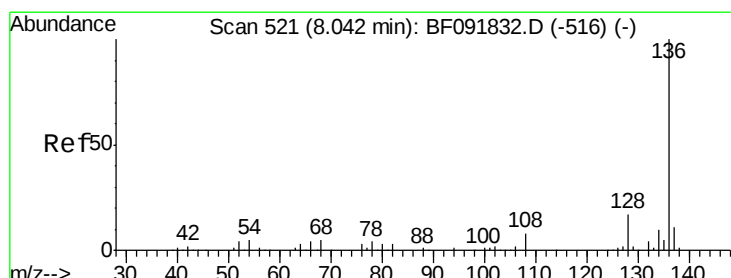
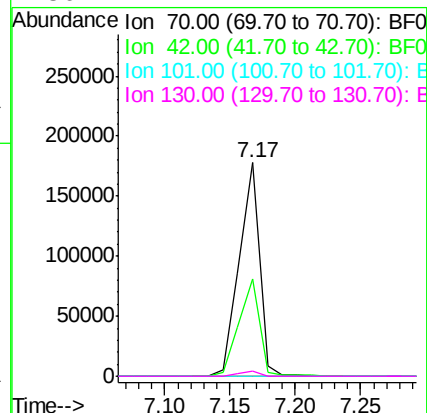
Ion Ratio Lower Upper

70 100

42 45.8 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: 7.88 min Scan# 524

Delta R.T. -0.06 min

Lab File: BF092212.D

Acq: 12 Jan 2017 17:10

Tgt Ion: 136 Resp: 797800

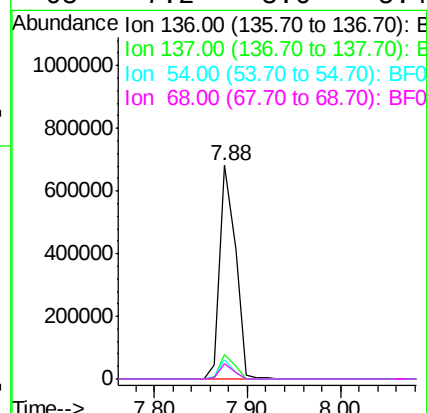
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 8.9 4.5 6.7#

68 7.2 3.6 5.4#

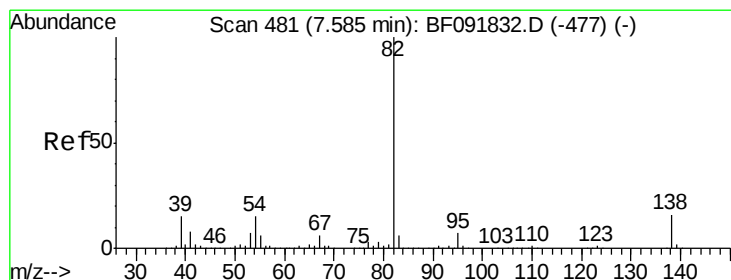
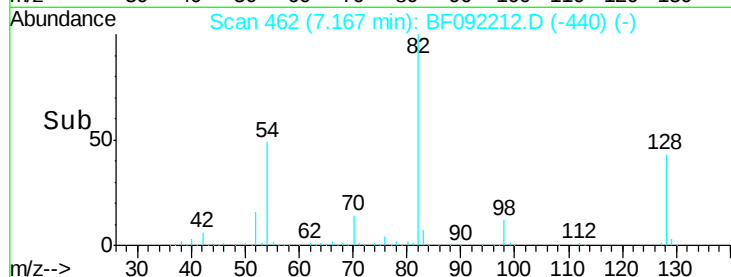
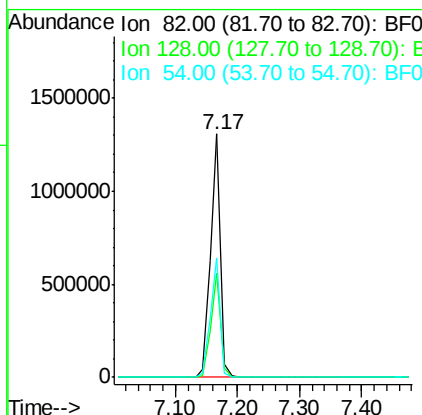
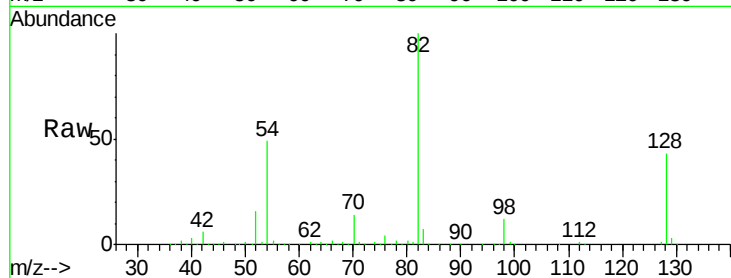




#23
 Nitrobenzene-d5
 Concen: 99.21 ng
 RT: 7.17 min Scan# 462
 Delta R.T. -0.05 min
 Lab File: BF092212.D
 Acq: 12 Jan 2017 17:10

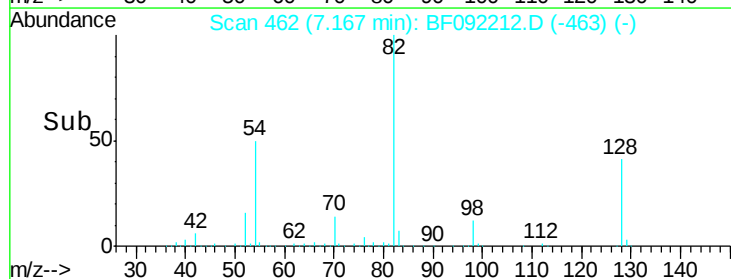
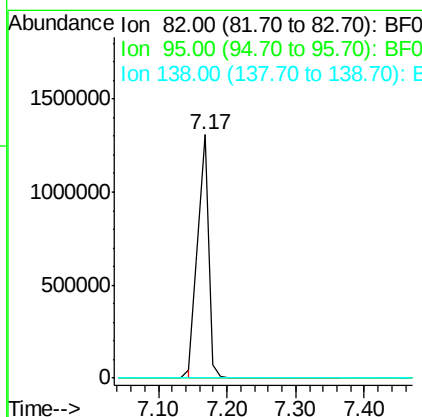
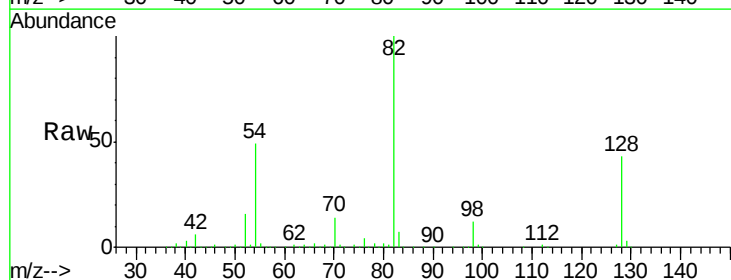
Instrument :
 BNA_F
 ClientSampleId :
 COMP-005

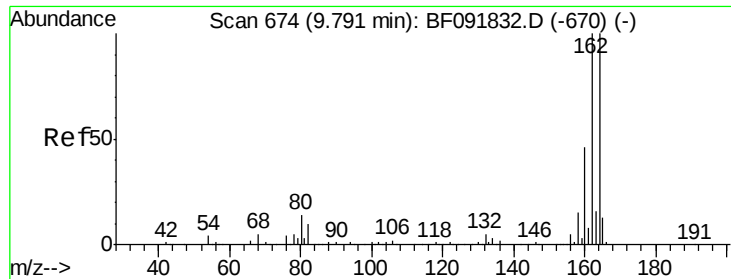
Tgt Ion: 82 Resp: 1423387
 Ion Ratio Lower Upper
 82 100
 128 42.9 34.6 52.0
 54 49.2 39.5 59.3



#25
 Isophorone
 Concen: 52.69 ng
 RT: 7.17 min Scan# 462
 Delta R.T. -0.31 min
 Lab File: BF092212.D
 Acq: 12 Jan 2017 17:10

Tgt Ion: 82 Resp: 1394800
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF092212.D

Acq: 12 Jan 2017 17:10

Instrument :

BNA_F

ClientSampleId :

COMP-005

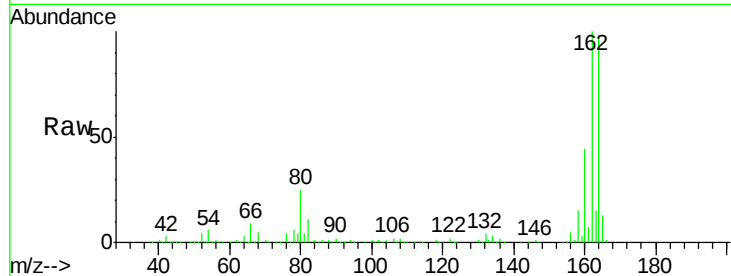
Tgt Ion:164 Resp: 385945

Ion Ratio Lower Upper

164 100

162 101.9 80.2 120.2

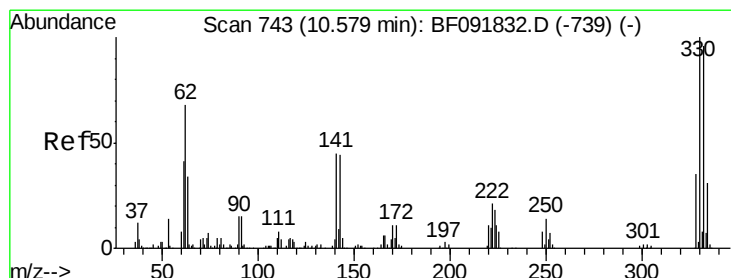
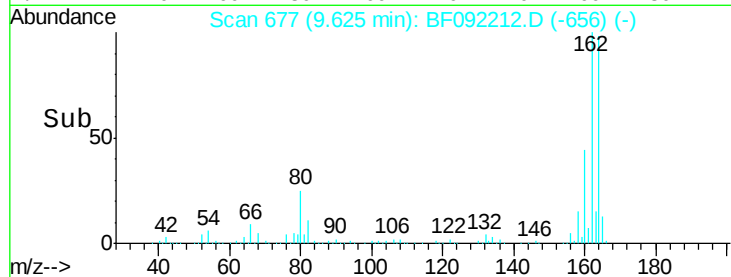
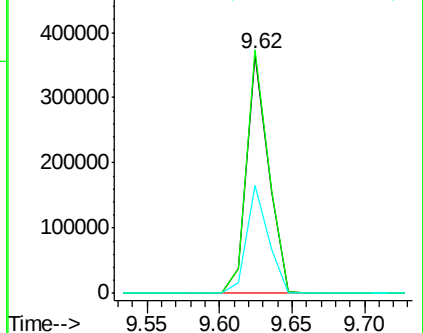
160 45.0 36.9 55.3



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: 166.40 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.05 min

Lab File: BF092212.D

Acq: 12 Jan 2017 17:10

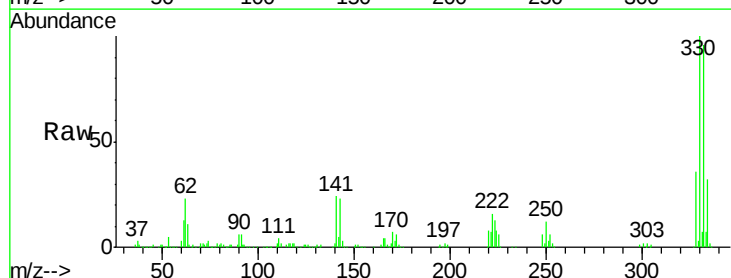
Tgt Ion:330 Resp: 531490

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.2

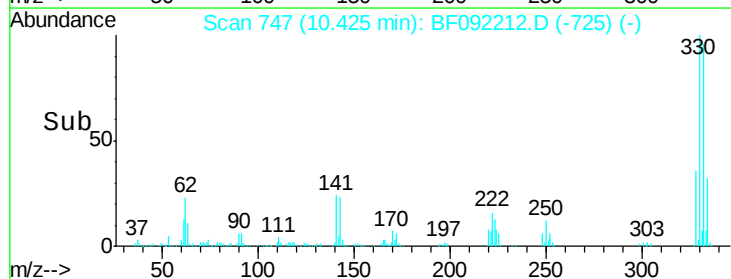
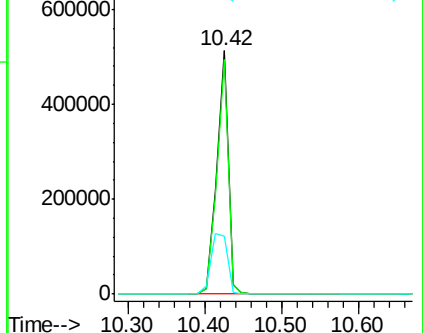
141 35.1 34.1 51.1

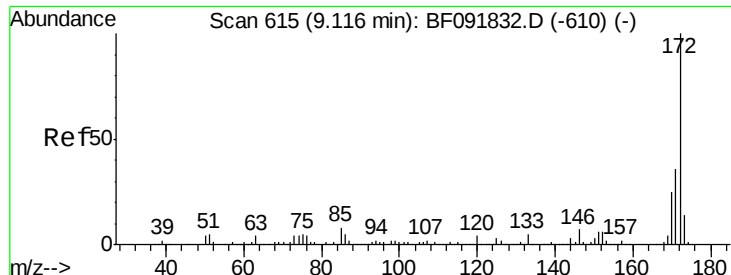


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

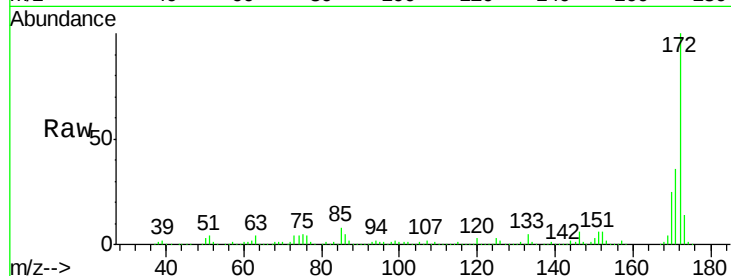




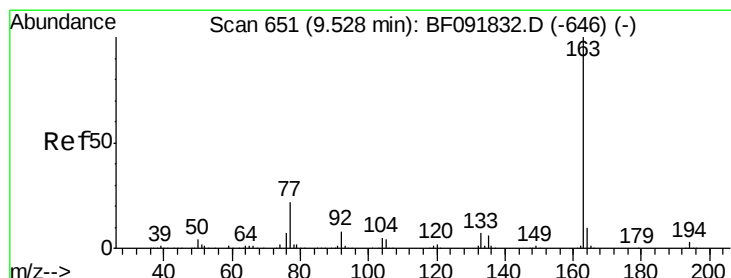
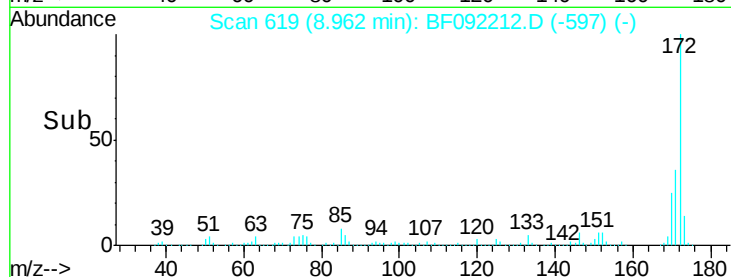
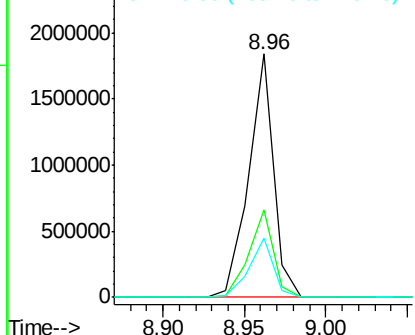
#44
2-Fluorobiphenyl
Concen: 106.65 ng
RT: 8.96 min Scan# 619
Delta R.T. -0.05 min
Lab File: BF092212.D
Acq: 12 Jan 2017 17:10

Instrument :
BNA_F
ClientSampleId :
COMP-005

Tgt Ion:172 Resp: 1946992
Ion Ratio Lower Upper
172 100
171 36.1 29.4 44.0
170 24.6 20.2 30.4

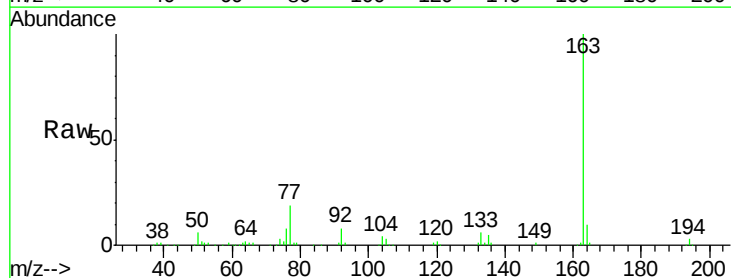


Abundance Ion 172.00 (171.70 to 172.70): E
2500000
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

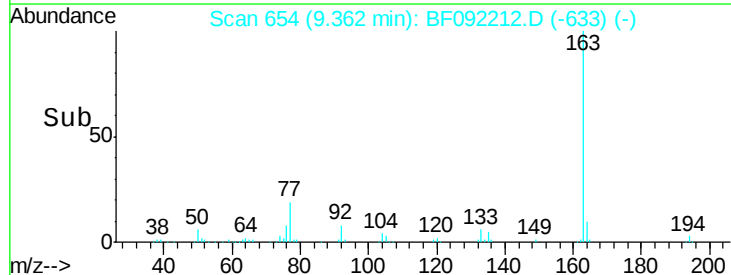
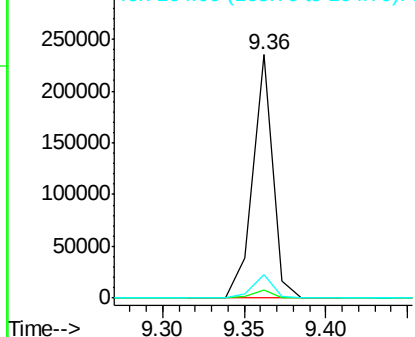


#49
Dimethylphthalate
Concen: 8.12 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF092212.D
Acq: 12 Jan 2017 17:10

Tgt Ion:163 Resp: 200490
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 9.6 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
300000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#56

2,4-Dinitrotoluene

Concen: 7.14 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.26 min

Lab File: BF092212.D

Acq: 12 Jan 2017 17:10

Instrument :

BNA_F

ClientSampleId :

COMP-005

Tgt Ion:165 Resp: 48416

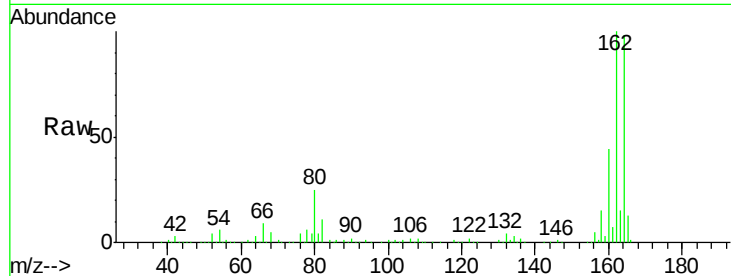
Ion Ratio Lower Upper

165 100

63 1.0 40.2 60.4#

89 1.4 62.5 93.7#

182 0.0 1.8 2.8#

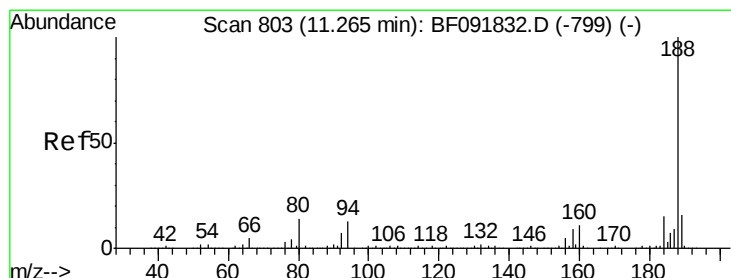
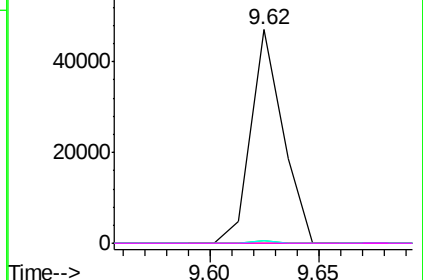
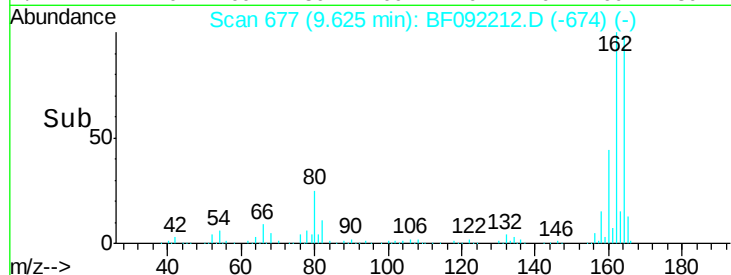


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.10 min Scan# 806

Delta R.T. -0.06 min

Lab File: BF092212.D

Acq: 12 Jan 2017 17:10

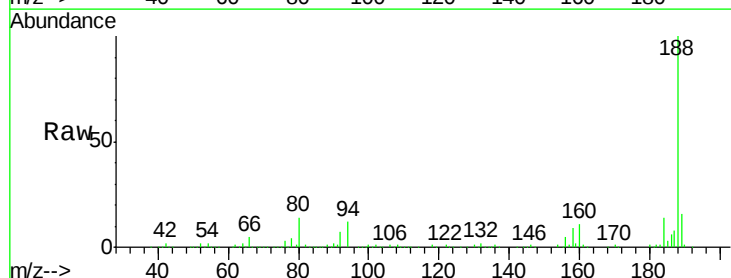
Tgt Ion:188 Resp: 503060

Ion Ratio Lower Upper

188 100

94 11.7 10.0 15.0

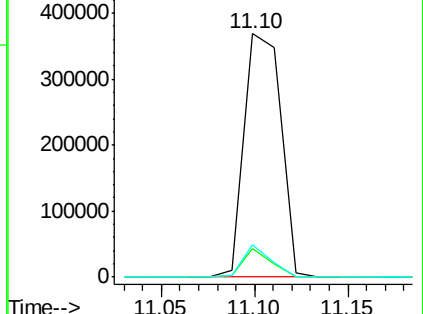
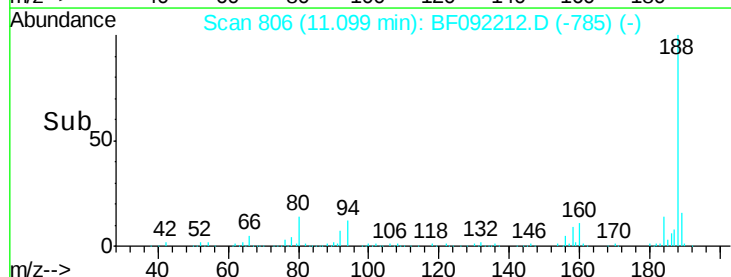
80 13.5 11.2 16.8

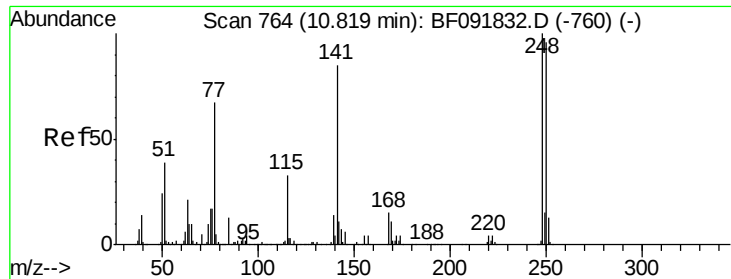


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

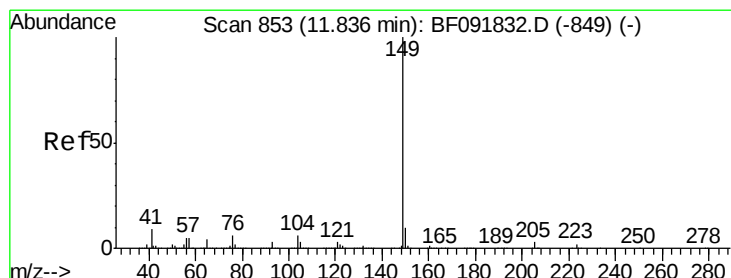
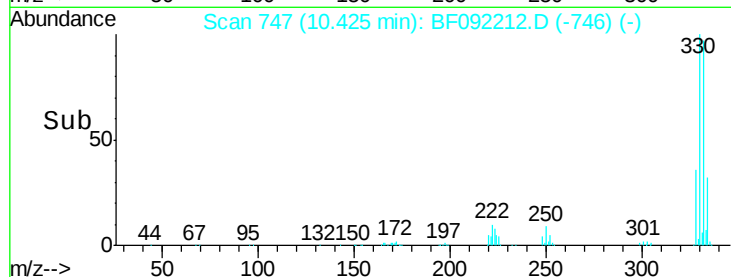
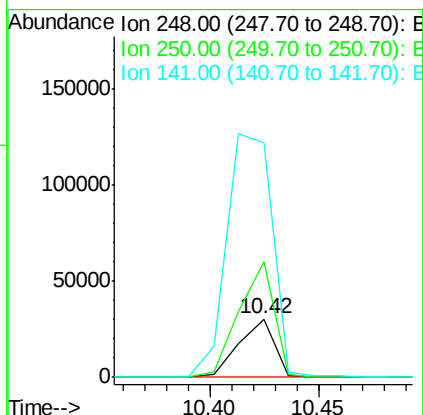
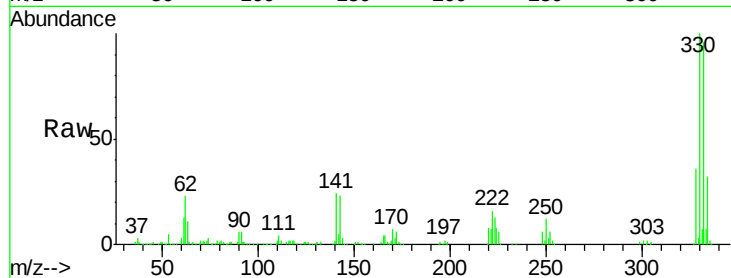




#66
4-Bromophenyl-phenylether
Concen: 6.58 ng
RT: 10.42 min Scan# 747
Delta R.T. -0.29 min
Lab File: BF092212.D
Acq: 12 Jan 2017 17:10

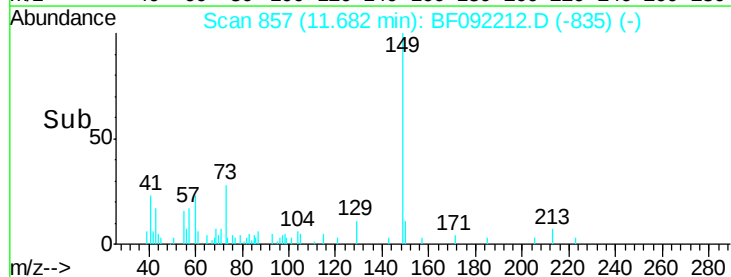
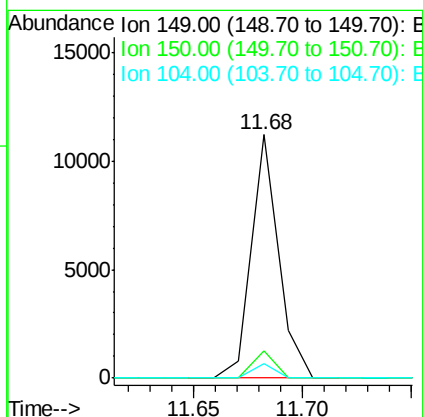
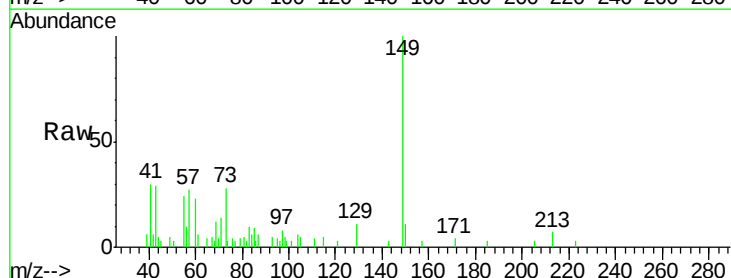
Instrument :
BNA_F
ClientSampleId :
COMP-005

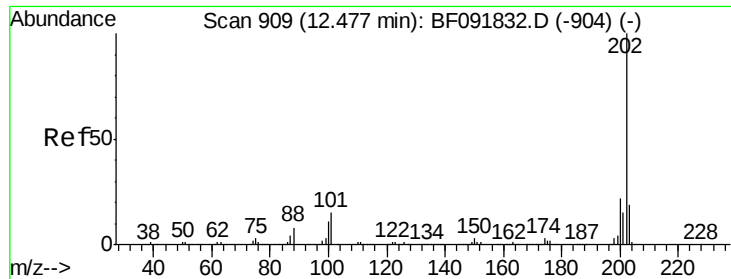
Tgt Ion:248 Resp: 34416
Ion Ratio Lower Upper
248 100
250 198.1 76.9 115.3#
141 401.0 68.2 102.4#



#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.68 min Scan# 857
Delta R.T. -0.05 min
Lab File: BF092212.D
Acq: 12 Jan 2017 17:10

Tgt Ion:149 Resp: 9749
Ion Ratio Lower Upper
149 100
150 11.2 8.1 12.1
104 5.8 4.6 7.0

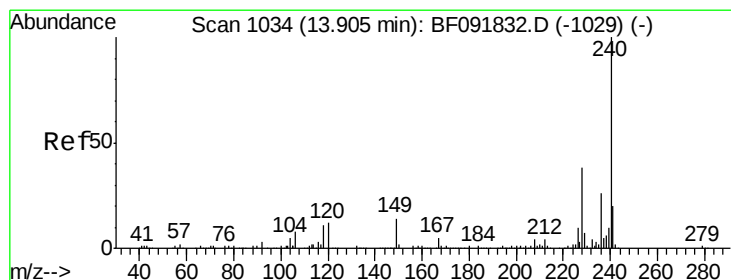
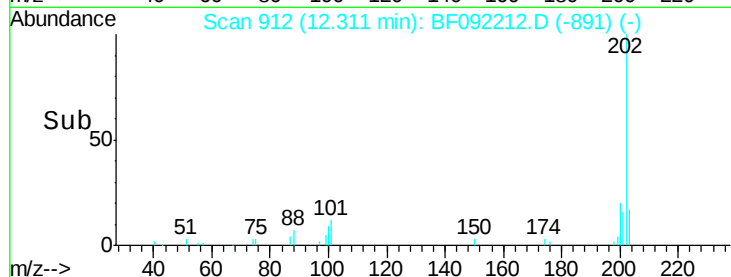
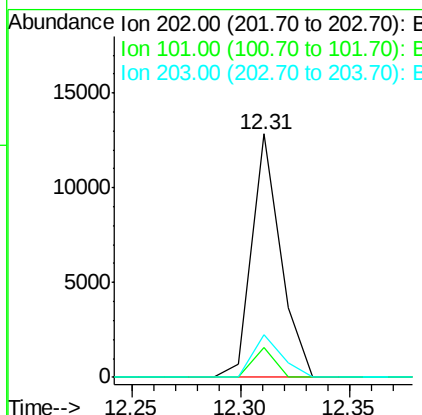
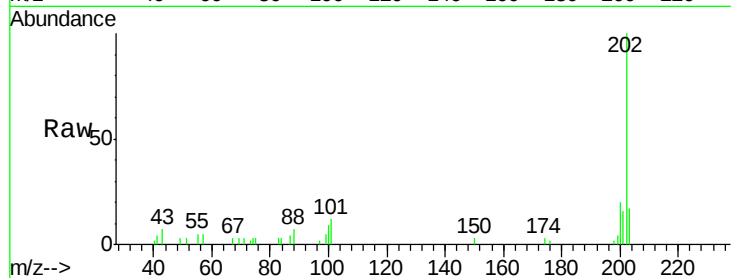




#74
Fluoranthene
Concen: Below Cal
RT: 12.31 min Scan# 912
Delta R.T. -0.06 min
Lab File: BF092212.D
Acq: 12 Jan 2017 17:10

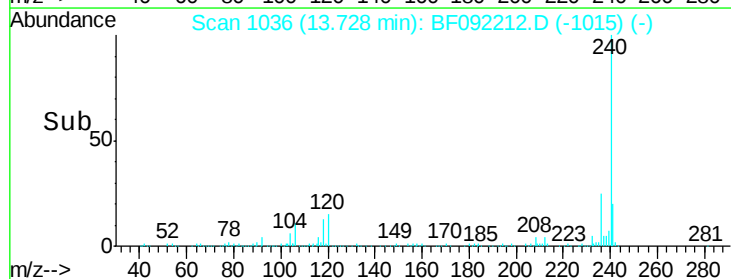
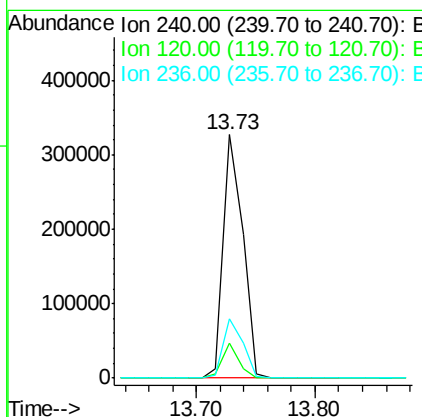
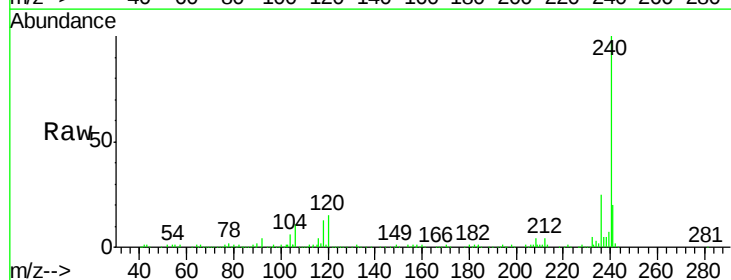
Instrument :
BNA_F
ClientSampleId :
COMP-005

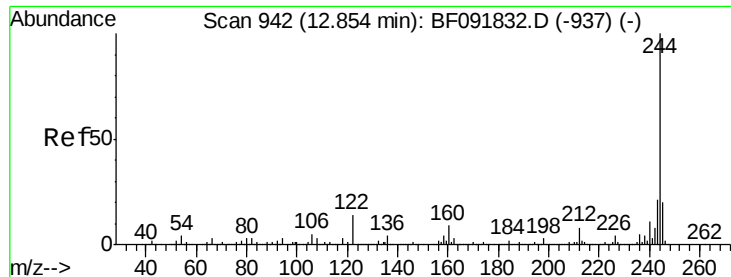
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.6
203	17.4	0.0	38.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1036
Delta R.T. -0.06 min
Lab File: BF092212.D
Acq: 12 Jan 2017 17:10

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.5	12.9	19.3
236	24.5	20.9	31.3

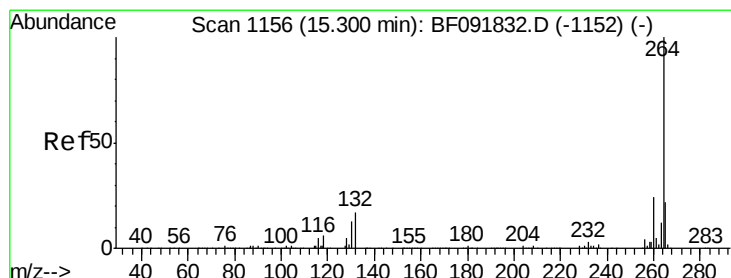
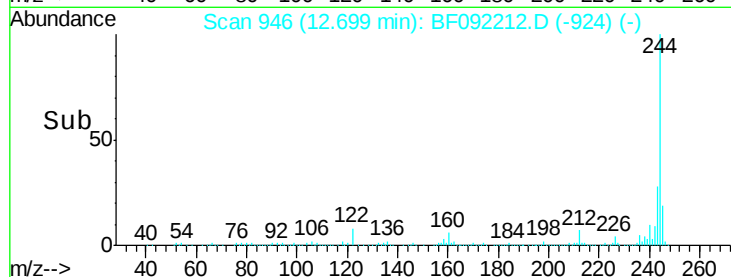
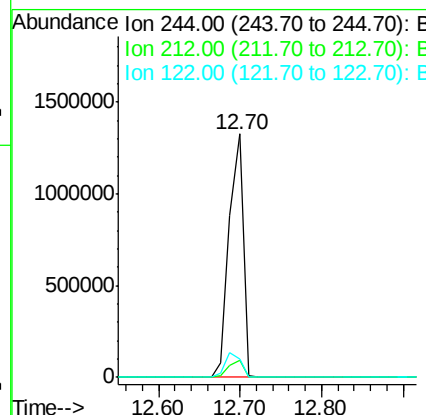
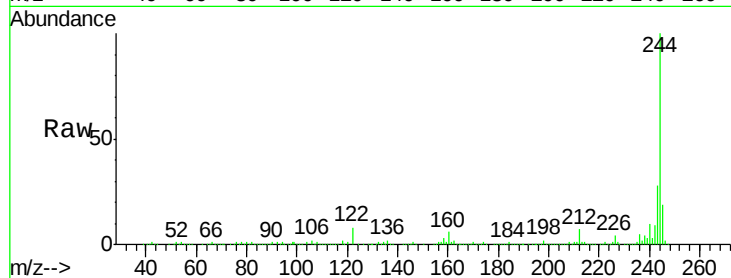




#78
 Terphenyl-d14
 Concen: 103.00 ng
 RT: 12.70 min Scan# 946
 Delta R.T. -0.05 min
 Lab File: BF092212.D
 Acq: 12 Jan 2017 17:10

Instrument :
 BNA_F
 ClientSampleId :
 COMP-005

Tgt Ion:244 Resp: 1580489
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.2 9.2
 122 7.8 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1155
 Delta R.T. -0.06 min
 Lab File: BF092212.D
 Acq: 12 Jan 2017 17:10

Tgt Ion:264 Resp: 304034
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 22.6 17.4 26.0

