

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
 Data File : BF090420.D
 Acq On : 6 Oct 2016 10:02
 Operator : UM/SJ
 Sample : H4869-03
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-03

Quant Time: Oct 06 13:25:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

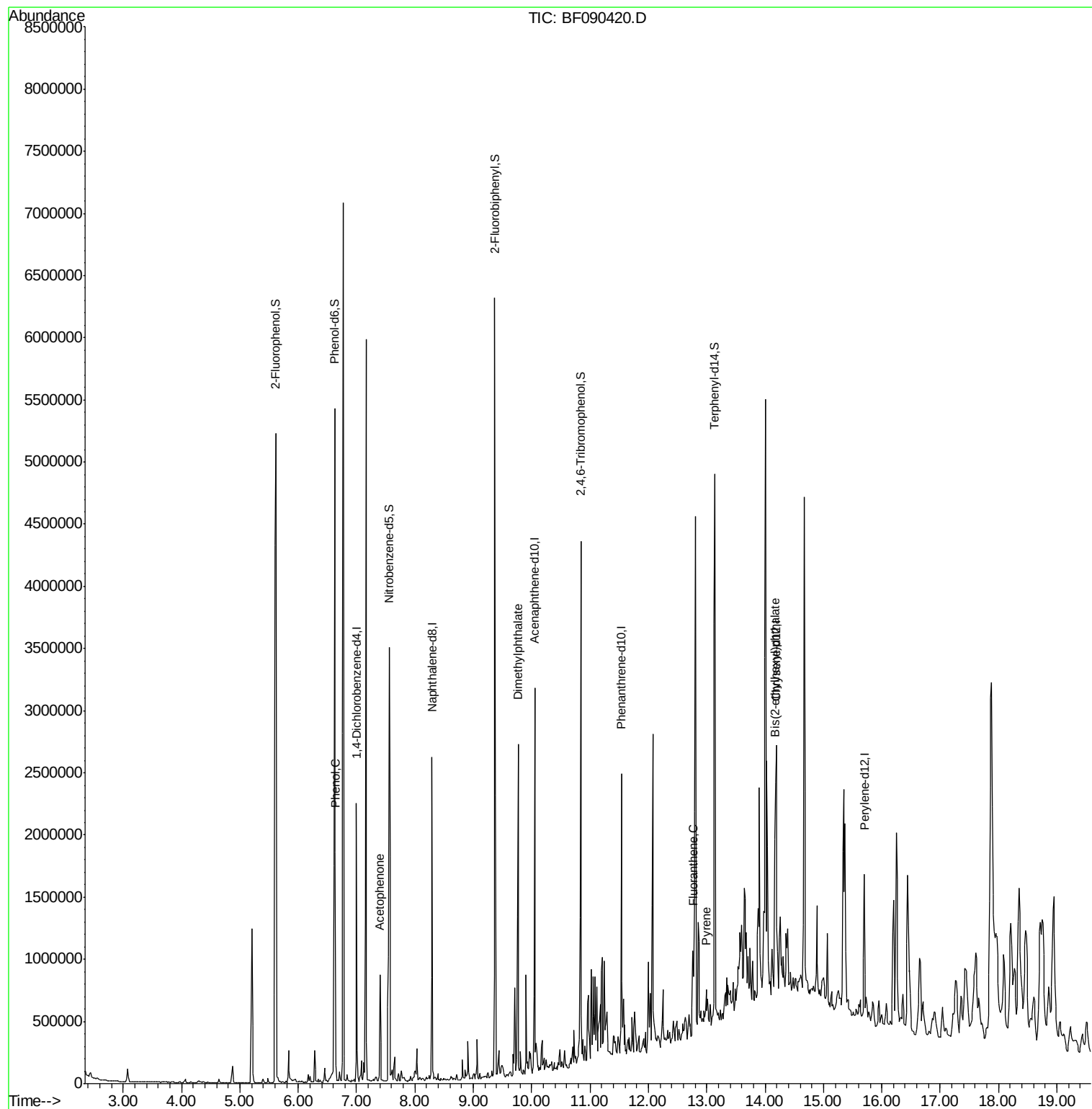
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	277432	20.00	ng	0.00
21) Naphthalene-d8	8.29	136	1135696	20.00	ng	0.00
38) Acenaphthene-d10	10.05	164	560352	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	732331	20.00	ng	-0.01
75) Chrysene-d12	14.19	240	570274	20.00	ng	-0.01
86) Perylene-d12	15.70	264	487917	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	1979786	106.50	ng	0.01
7) Phenol-d6	6.62	99	2227154	91.48	ng	0.00
23) Nitrobenzene-d5	7.56	82	1465514	62.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.84	330	419140	91.99	ng	-0.01
44) 2-Fluorobiphenyl	9.37	172	2064005	61.37	ng	-0.01
78) Terphenyl-d14	13.14	244	1723363	67.94	ng	0.00
Target Compounds						
10) Phenol	6.63	94	60974	2.15	ng	# 68
22) Acetophenone	7.40	105	249243	9.27	ng	# 96
49) Dimethylphthalate	9.77	163	1187093	33.08	ng	98
74) Fluoranthene	12.76	202	104337	2.84	ng	91
77) Pyrene	12.99	202	93176	2.45	ng	97
83) Bis(2-ethylhexyl)phthalate	14.18	149	337514	12.17	ng	99

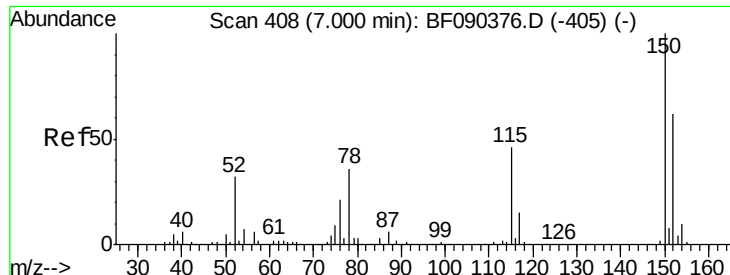
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.00 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF090420.D

Acq: 6 Oct 2016 10:02

Instrument :

BNA_F

ClientSampleId :

TS-WSG-16121-03

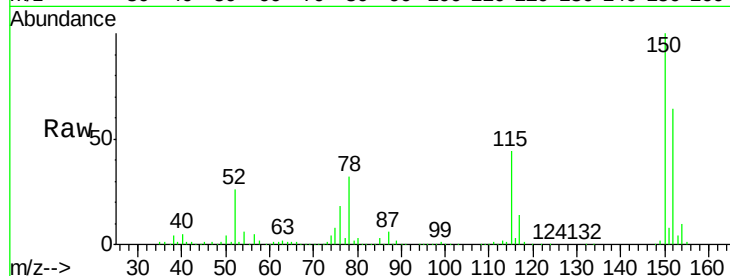
Tot Ion:152 Resp: 277432

Ion Ratio Lower Upper

152 100

150 155.4 124.6 186.8

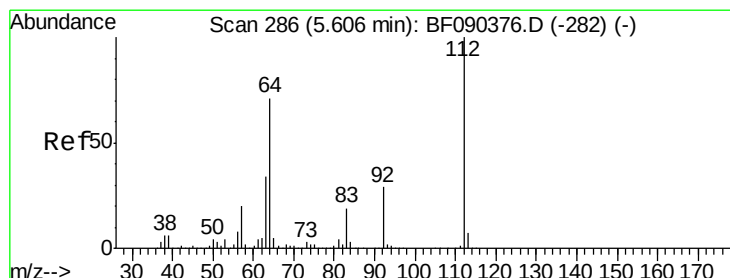
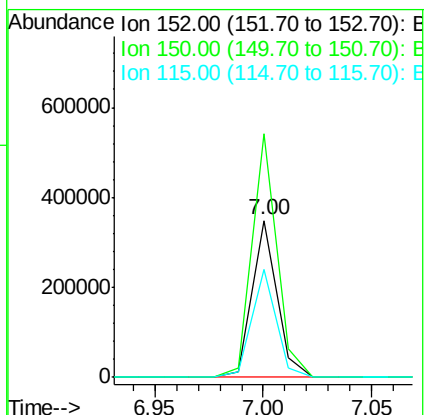
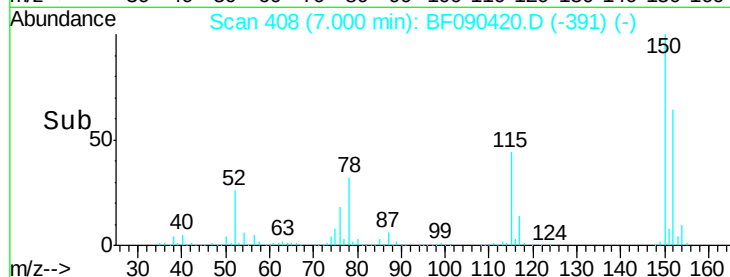
115 69.0 46.2 69.4



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: 106.50 ng

RT: 5.62 min Scan# 287

Delta R.T. 0.01 min

Lab File: BF090420.D

Acq: 6 Oct 2016 10:02

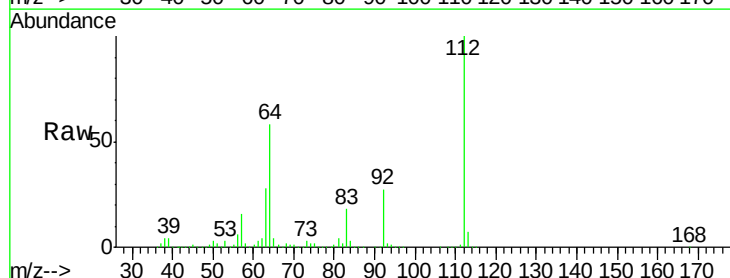
Tgt Ion:112 Resp: 1979786

Ion Ratio Lower Upper

112 100

64 58.3 57.9 86.9

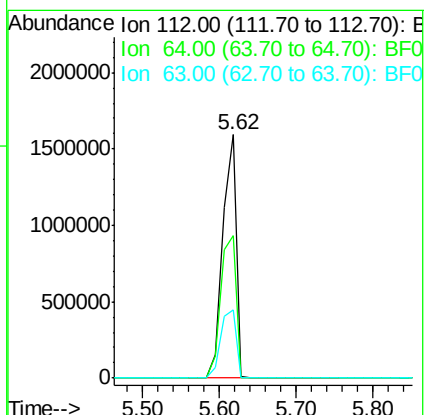
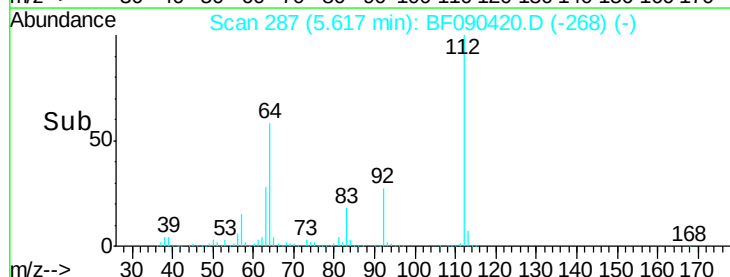
63 28.0 29.6 44.4#

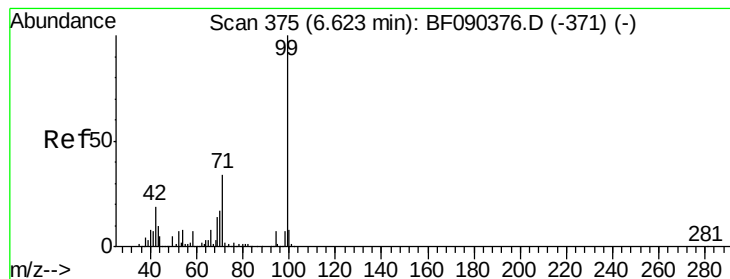


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 91.48 ng

RT: 6.62 min Scan# 375

Delta R.T. -0.00 min

Lab File: BF090420.D

Acq: 6 Oct 2016 10:02

Instrument :

BNA_F

ClientSampleId :

TS-WSG-16121-03

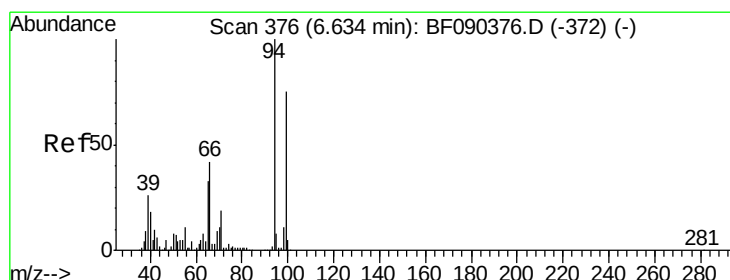
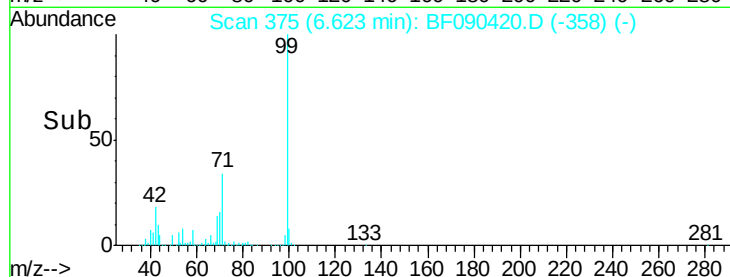
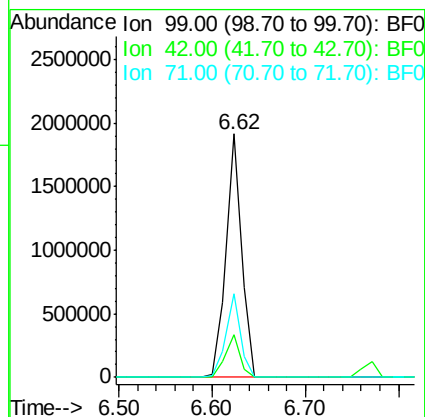
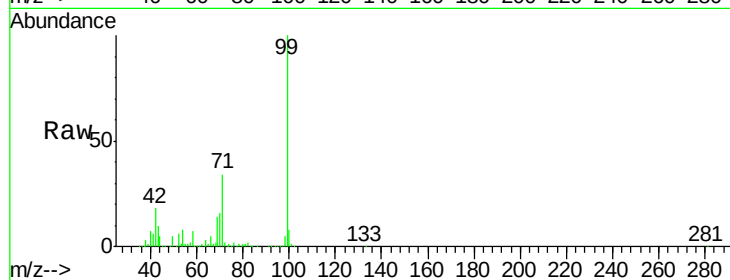
Tot Ion: 99 Resp: 2227154

Ion Ratio Lower Upper

99 100

42 17.7 20.0 30.0#

71 34.4 27.9 41.9



#10

Phenol

Concen: 2.15 ng

RT: 6.63 min Scan# 376

Delta R.T. -0.00 min

Lab File: BF090420.D

Acq: 6 Oct 2016 10:02

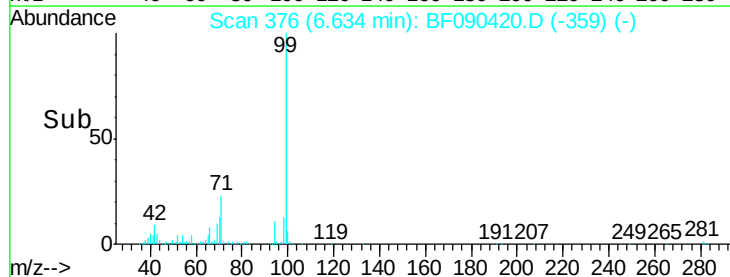
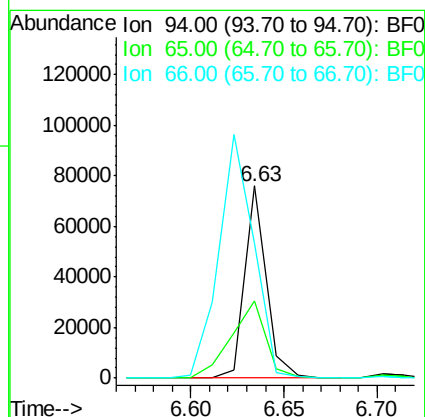
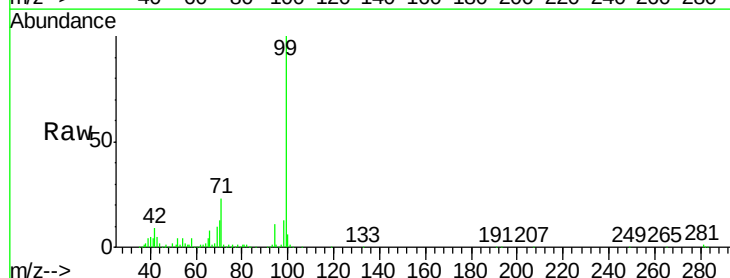
Tgt Ion: 94 Resp: 60974

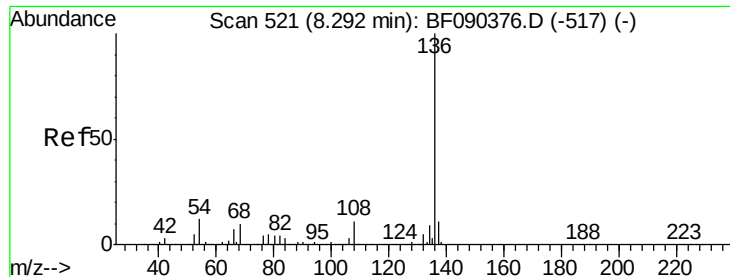
Ion Ratio Lower Upper

94 100

65 40.3 13.3 53.3

66 70.1 20.4 60.4#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.29 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF090420.D

Acq: 6 Oct 2016 10:02

Instrument :

BNA_F

ClientSampleId :

TS-WSG-16121-03

Tot Ion:136 Resp: 1135696

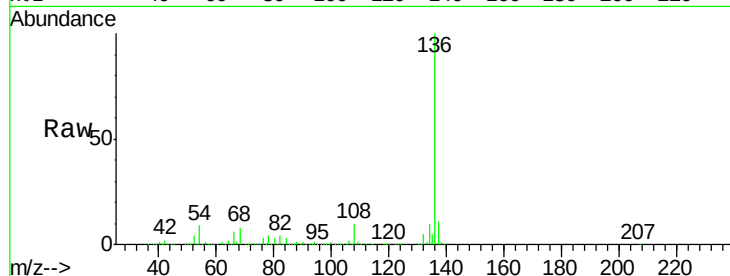
Ion Ratio Lower Upper

136 100

137 11.0 9.0 13.6

54 8.8 6.6 10.0

68 7.8 5.0 7.6#

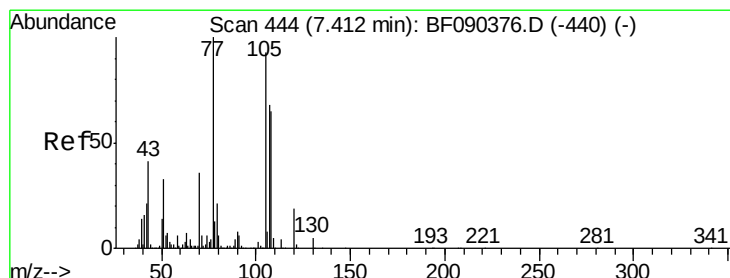
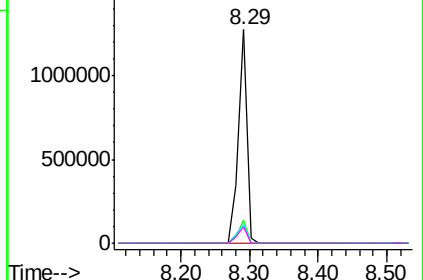
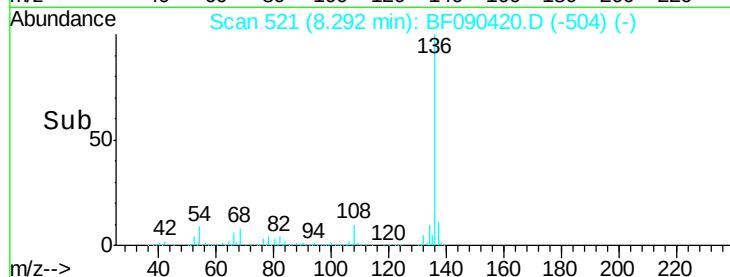


Abundance Ion 136.00 (135.70 to 136.70): E

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



#22

Acetophenone

Concen: 9.27 ng

RT: 7.40 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF090420.D

Acq: 6 Oct 2016 10:02

Tgt Ion:105 Resp: 249243

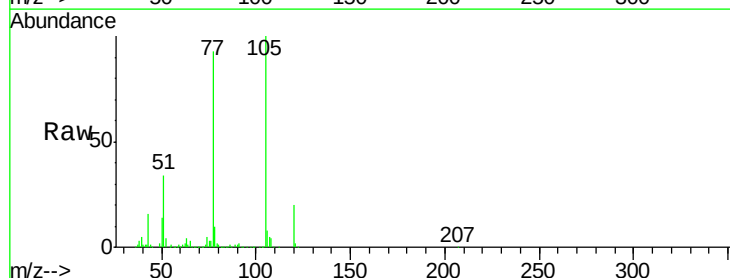
Ion Ratio Lower Upper

105 100

71 0.3 3.8 5.6#

51 33.9 28.2 42.4

120 19.8 17.4 26.2

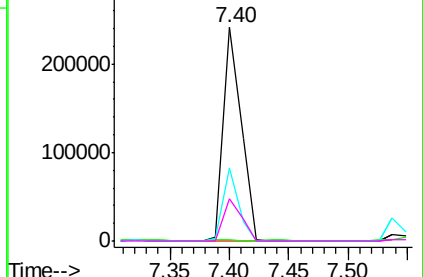
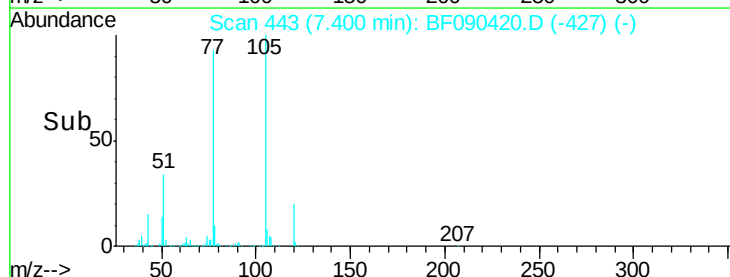


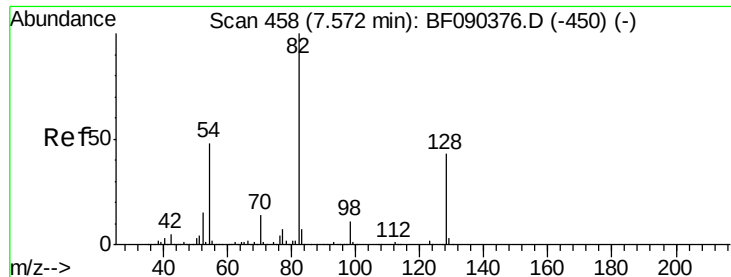
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

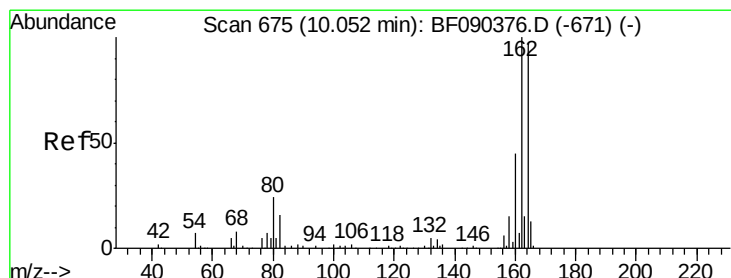
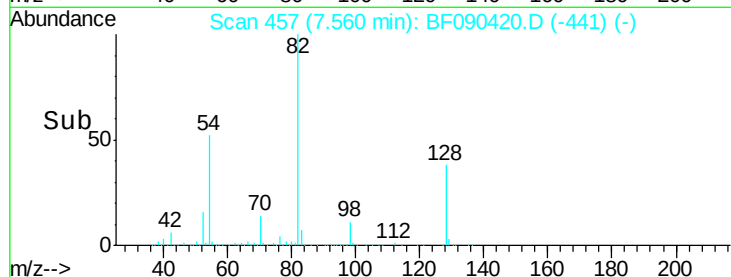
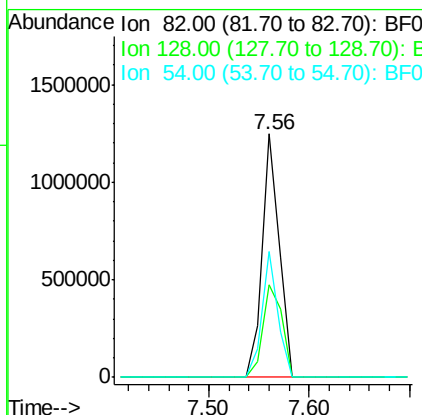
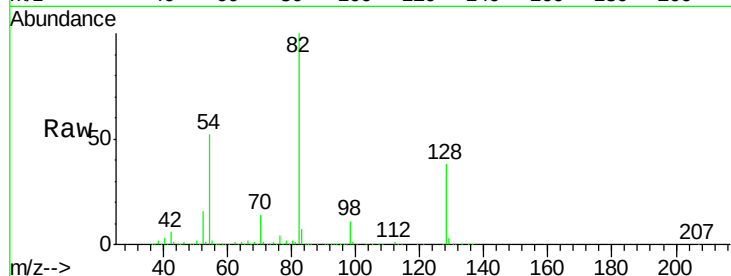




#23
Nitrobenzene-d5
Concen: 62.77 ng
RT: 7.56 min Scan# 457
Delta R.T. -0.01 min
Lab File: BF090420.D
Acq: 6 Oct 2016 10:02

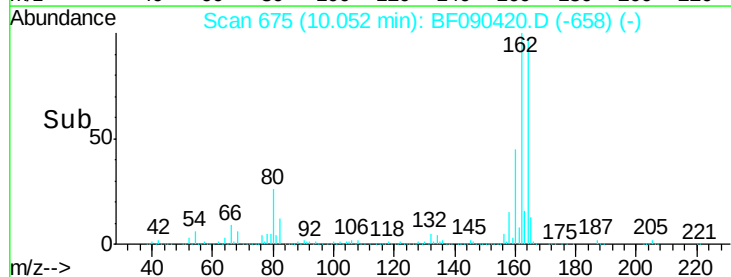
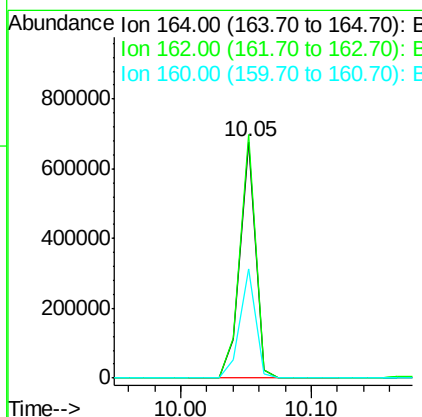
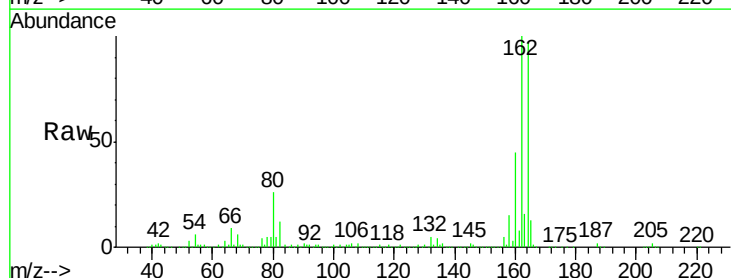
Instrument :
BNA_F
ClientSampleId :
TS-WSG-16121-03

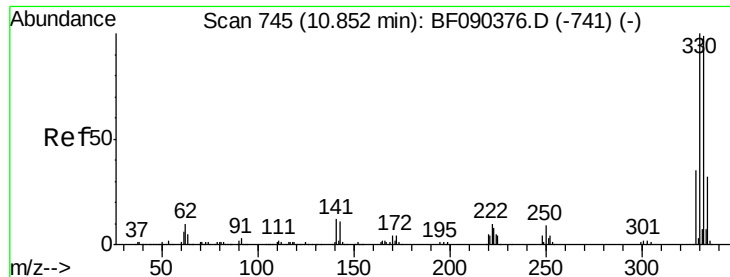
Tot Ion: 82 Resp: 1465514
Ion Ratio Lower Upper
82 100
128 37.8 40.0 60.0#
54 51.6 42.6 64.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.05 min Scan# 675
Delta R.T. -0.00 min
Lab File: BF090420.D
Acq: 6 Oct 2016 10:02

Tgt Ion:164 Resp: 560352
Ion Ratio Lower Upper
164 100
162 102.9 80.1 120.1
160 46.0 36.3 54.5

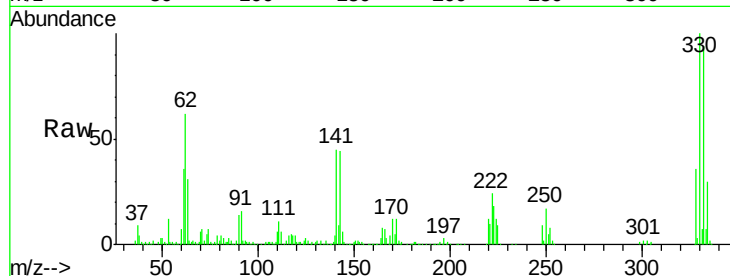




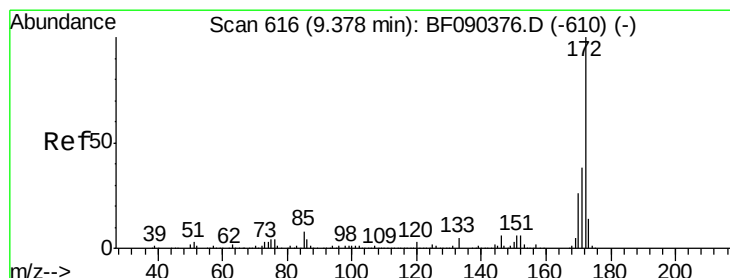
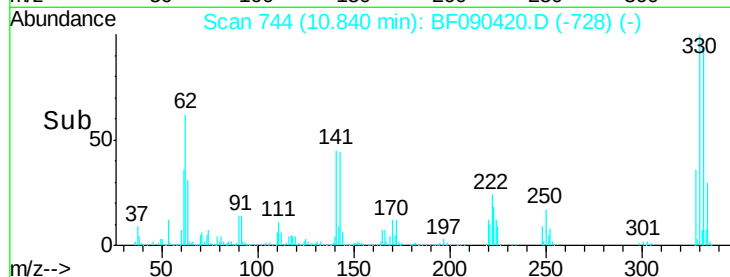
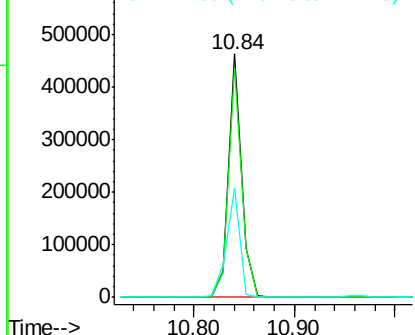
#41
 2,4,6-Tribromophenol
 Concen: 91.99 ng
 RT: 10.84 min Scan# 744
 Delta R.T. -0.01 min
 Lab File: BF090420.D
 Acq: 6 Oct 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-03

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.1	75.4	113.0
141	45.8	26.9	40.3#

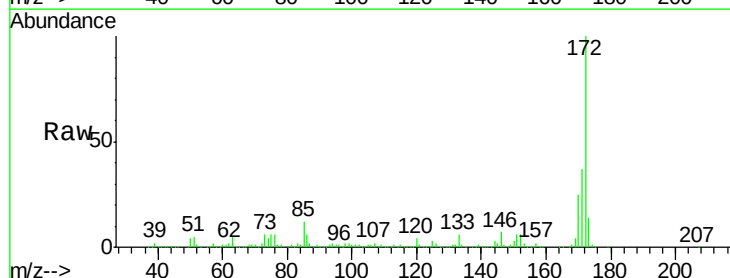


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

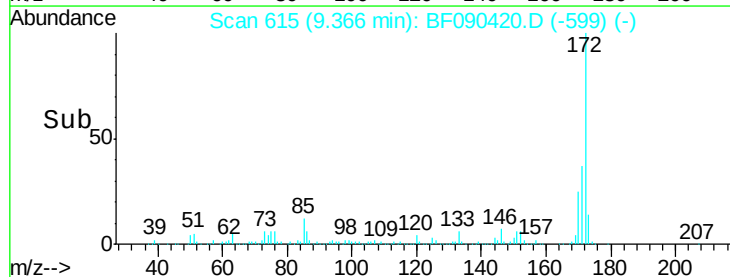
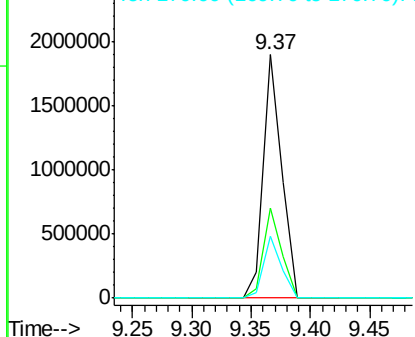


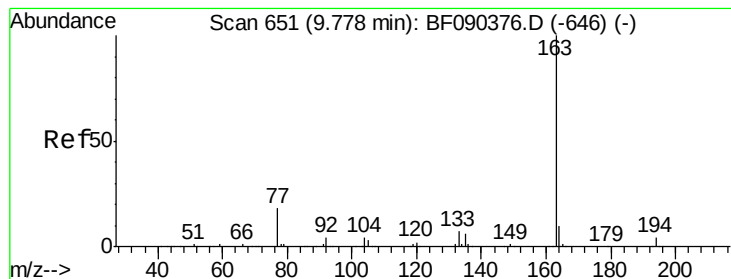
#44
 2-Fluorobiphenyl
 Concen: 61.37 ng
 RT: 9.37 min Scan# 615
 Delta R.T. -0.01 min
 Lab File: BF090420.D
 Acq: 6 Oct 2016 10:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.2	31.8	47.8
170	25.3	21.7	32.5



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: 33.08 ng

RT: 9.77 min Scan# 650

Delta R.T. -0.01 min

Lab File: BF090420.D

Acq: 6 Oct 2016 10:02

Instrument :

BNA_F

ClientSampleId :

TS-WSG-16121-03

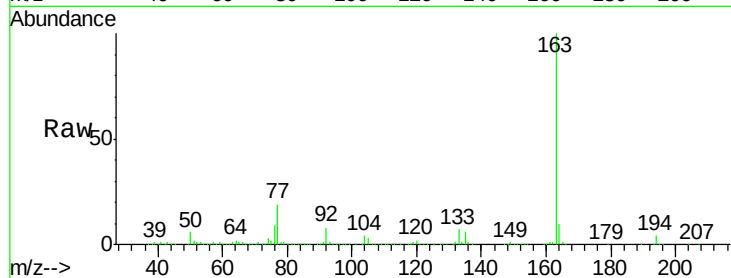
Tot Ion:163 Resp: 1187093

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

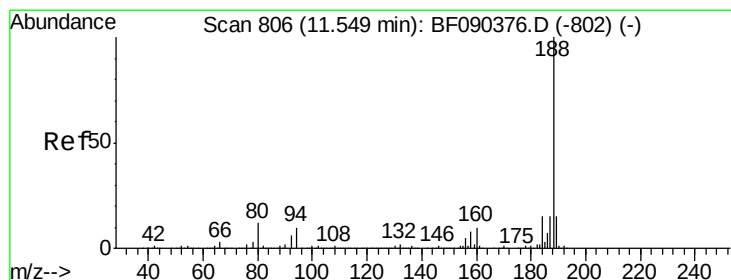
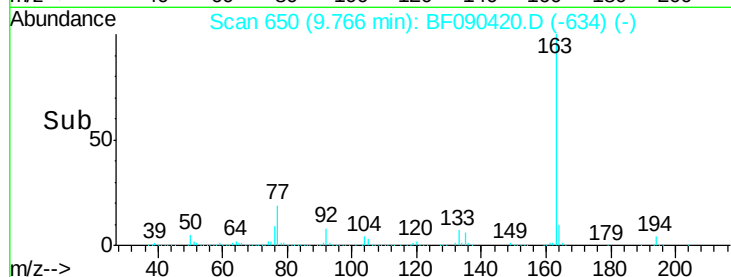
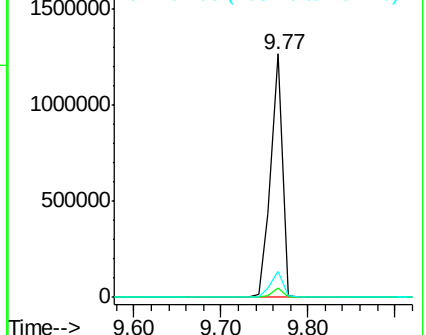
164 10.5 9.0 13.4



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.54 min Scan# 805

Delta R.T. -0.01 min

Lab File: BF090420.D

Acq: 6 Oct 2016 10:02

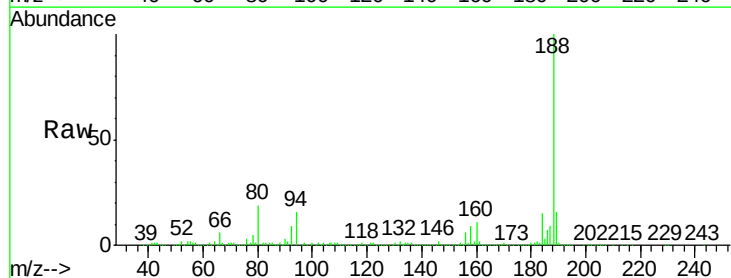
Tgt Ion:188 Resp: 732331

Ion Ratio Lower Upper

188 100

94 16.0 8.2 12.2#

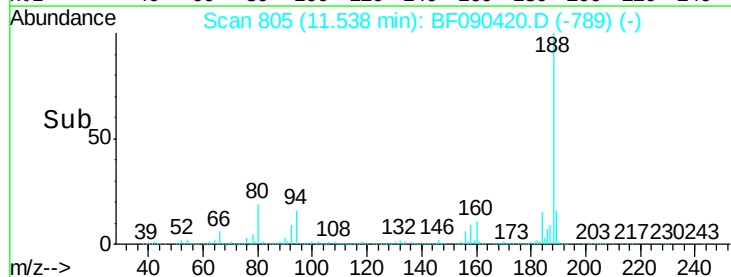
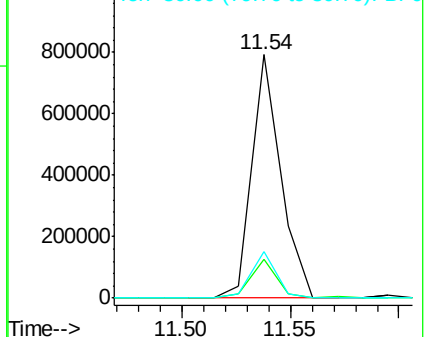
80 19.2 8.8 13.2#

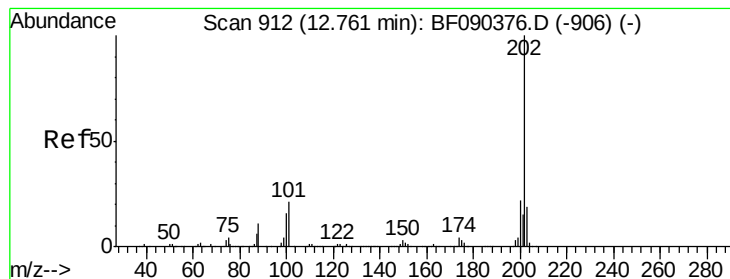


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.84 ng

RT: 12.76 min Scan# 912

Delta R.T. -0.00 min

Lab File: BF090420.D

Acq: 6 Oct 2016 10:02

Instrument :

BNA_F

ClientSampleId :

TS-WSG-16121-03

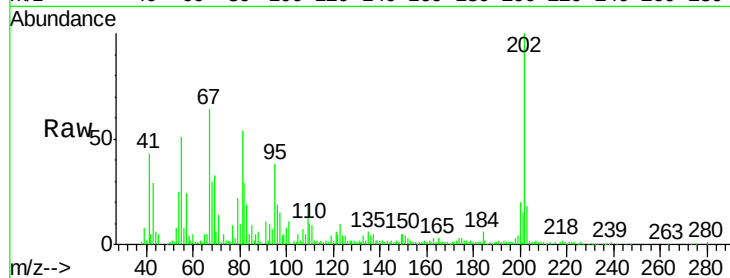
Tot Ion:202 Resp: 104337

Ion Ratio Lower Upper

202 100

101 10.8 0.0 37.2

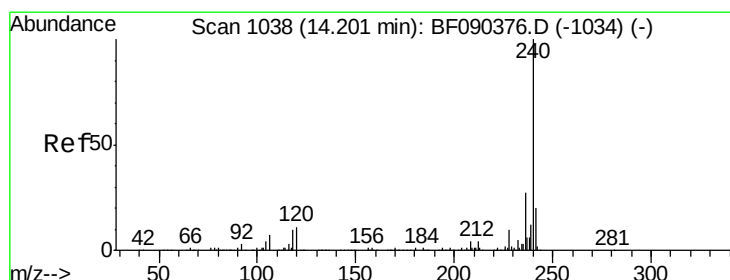
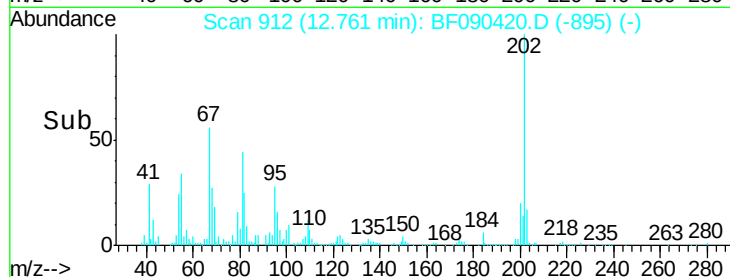
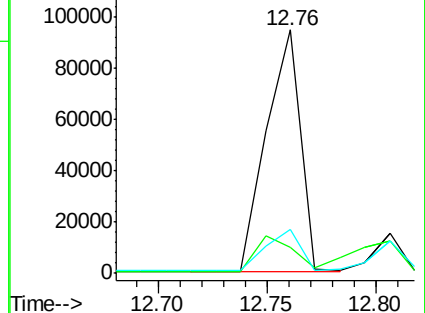
203 17.9 0.0 39.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF090420.D

Acq: 6 Oct 2016 10:02

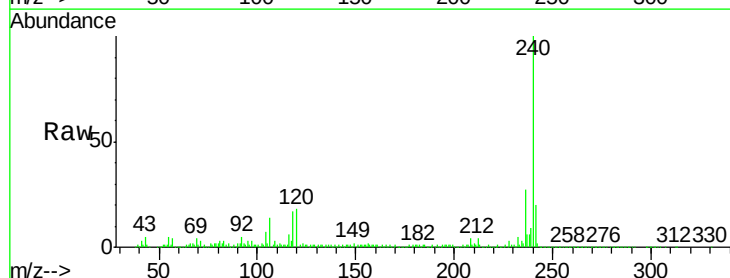
Tgt Ion:240 Resp: 570274

Ion Ratio Lower Upper

240 100

120 18.3 8.6 13.0#

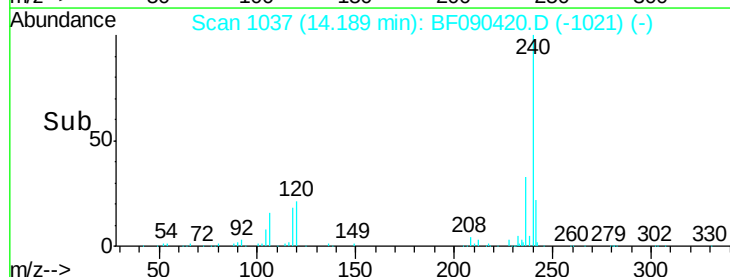
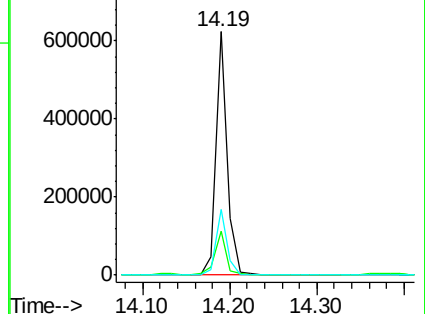
236 26.9 21.6 32.4

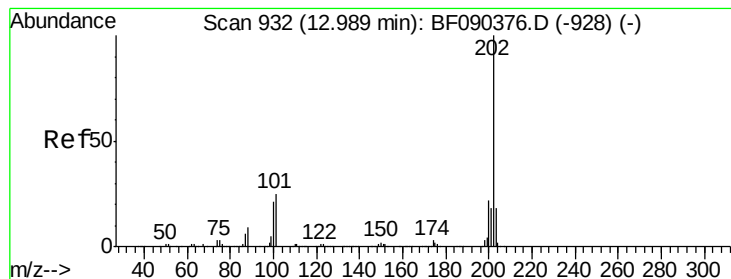


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 2.45 ng

RT: 12.99 min Scan# 932

Delta R.T. -0.00 min

Lab File: BF090420.D

Acq: 6 Oct 2016 10:02

Instrument :

BNA_F

ClientSampleId :

TS-WSG-16121-03

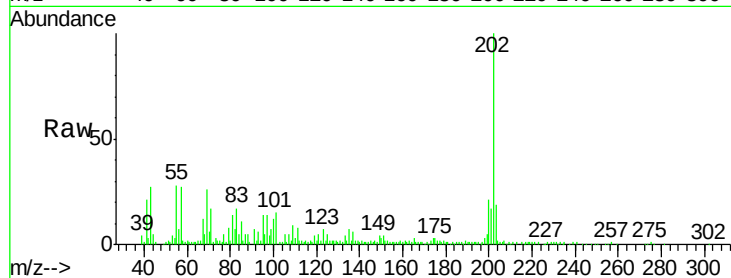
Tot Ion:202 Resp: 93176

Ion Ratio Lower Upper

202 100

200 20.8 18.5 27.7

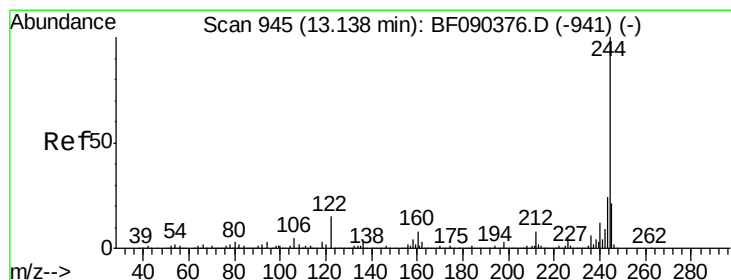
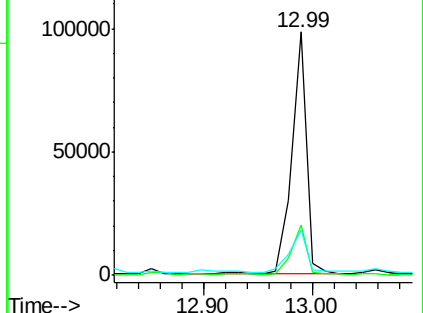
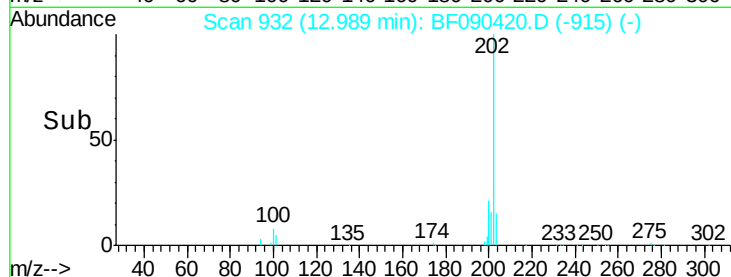
203 18.7 15.0 22.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 67.94 ng

RT: 13.14 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF090420.D

Acq: 6 Oct 2016 10:02

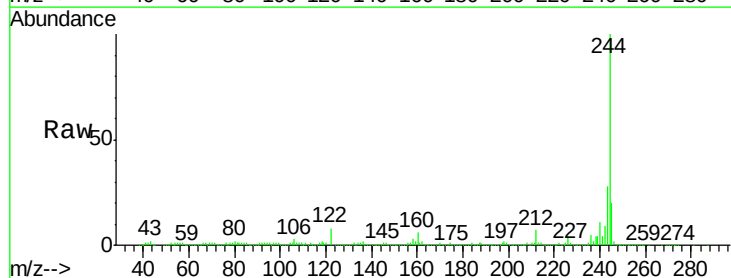
Tgt Ion:244 Resp: 1723363

Ion Ratio Lower Upper

244 100

212 6.5 6.8 10.2#

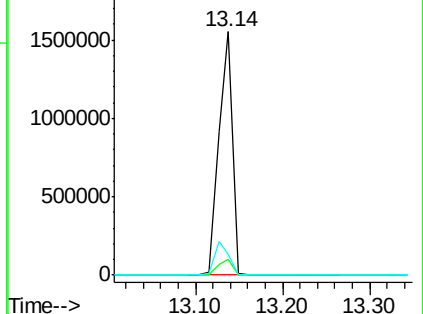
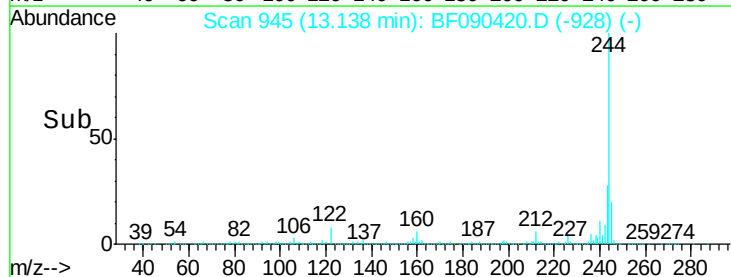
122 8.4 13.3 19.9#

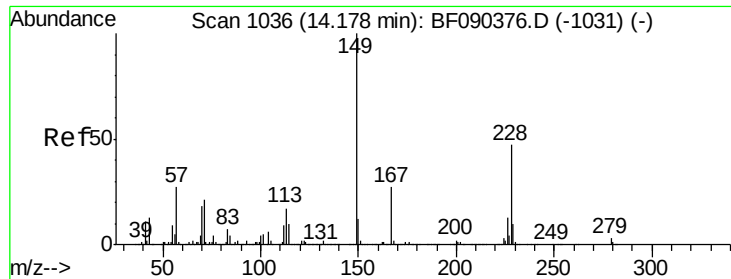


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

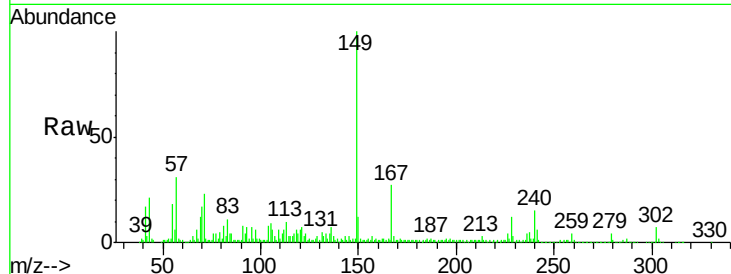




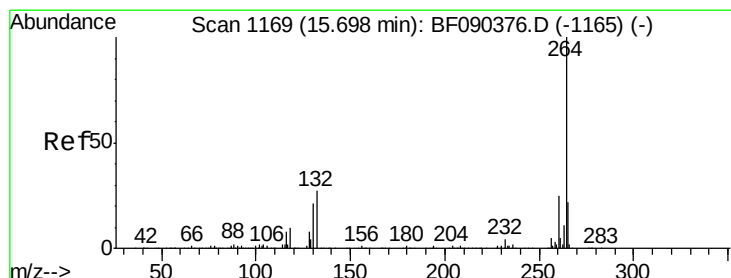
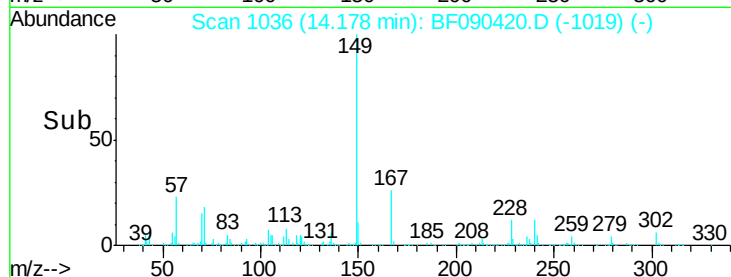
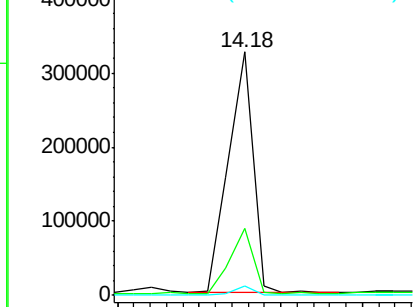
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 12.17 ng
 RT: 14.18 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BF090420.D
 Acq: 6 Oct 2016 10:02

Instrument :
 BNA_F
 ClientSampleId :
 TS-WSG-16121-03

Tot Ion:149 Resp: 337514
 Ion Ratio Lower Upper
 149 100
 167 27.4 21.5 32.3
 279 3.7 2.6 3.8

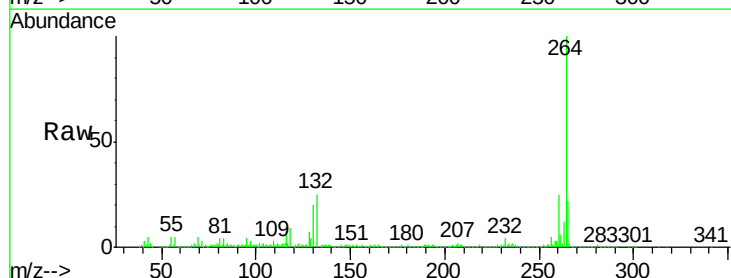


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.70 min Scan# 1169
 Delta R.T. -0.00 min
 Lab File: BF090420.D
 Acq: 6 Oct 2016 10:02

Tgt Ion:264 Resp: 487917
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.3 28.9
 265 21.8 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

