

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
 Data File : BF089096.D
 Acq On : 18 Jul 2016 22:11
 Operator : UM/SJ
 Sample : H4046-20
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C5-3

Quant Time: Jul 19 04:50:43 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 03:29:12 2016
 Response via : Initial Calibration

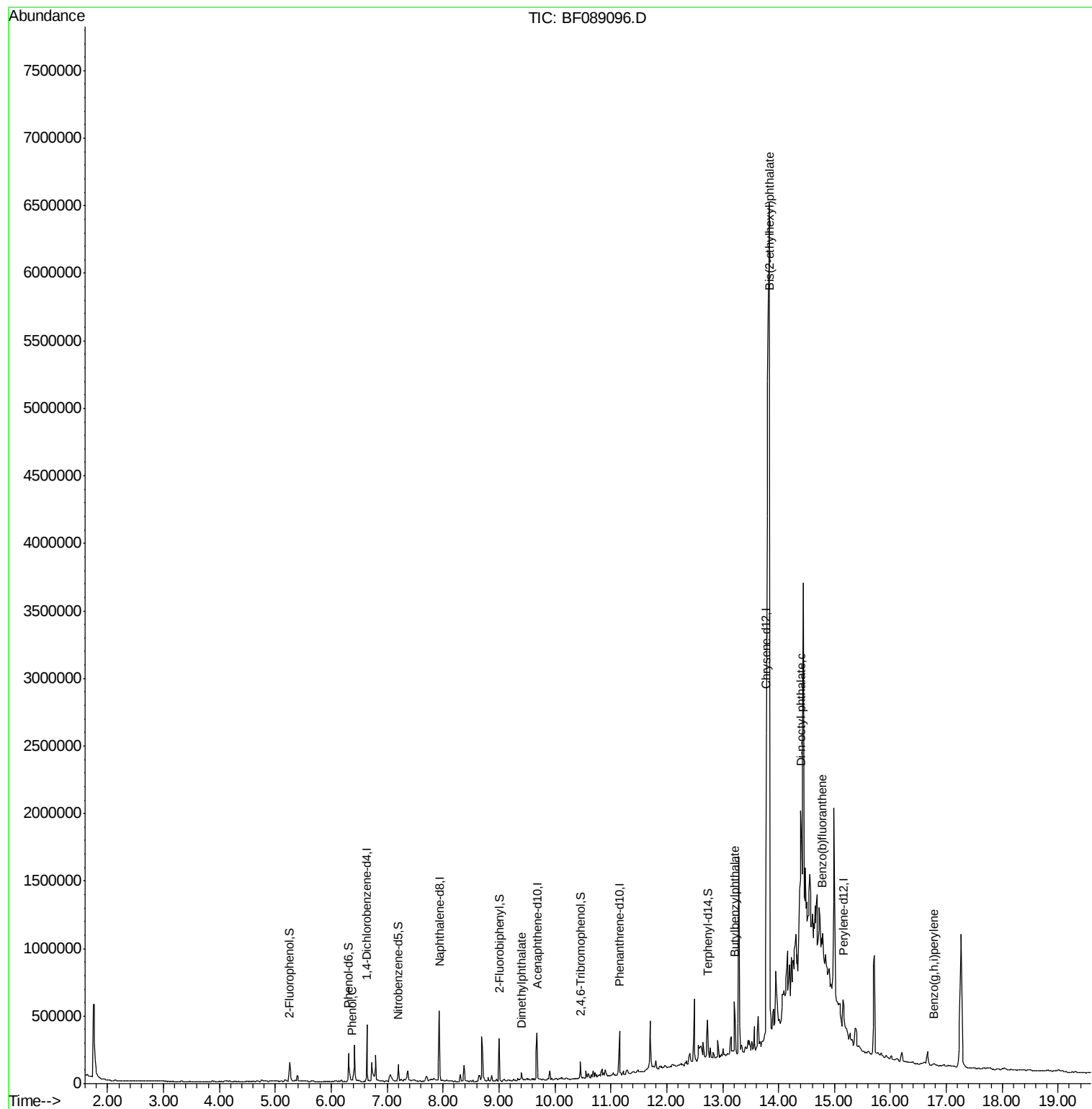
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	55280	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	219066	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	75671	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	131818	20.00	ng	0.00
75) Chrysene-d12	13.78	240	98411	20.00	ng	0.01
86) Perylene-d12	15.15	264	71098	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	61773	16.75	ng	0.03
7) Phenol-d6	6.31	99	90715	19.03	ng	0.01
23) Nitrobenzene-d5	7.20	82	46099	11.03	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	10298	14.66	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	85953	17.94	ng	0.00
78) Terphenyl-d14	12.73	244	55143	12.48	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.38	94	14735	2.71	ng	90
49) Dimethylphthalate	9.40	163	16876	3.13	ng	98
79) Butylbenzylphthalate	13.21	149	118532	31.85	ng	# 66
83) Bis(2-ethylhexyl)phthalate	13.84	149	6137755	1444.43	ng	# 95
84) Di-n-octyl phthalate	14.40	149	1759011	243.67	ng	# 100
87) Benzo(b)fluoranthene	14.79	252	16231m	3.64	ng	
91) Benzo(g,h,i)perylene	16.78	276	7581	2.32	ng	# 91

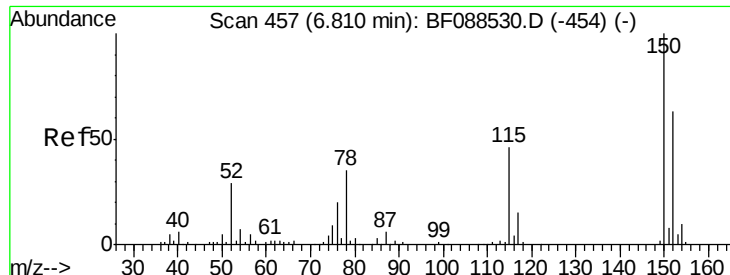
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 442

Delta R.T. 0.00 min

Lab File: BF089096.D

Acq: 18 Jul 2016 22:11

Instrument :

BNA_F

ClientSampled :

C5-3

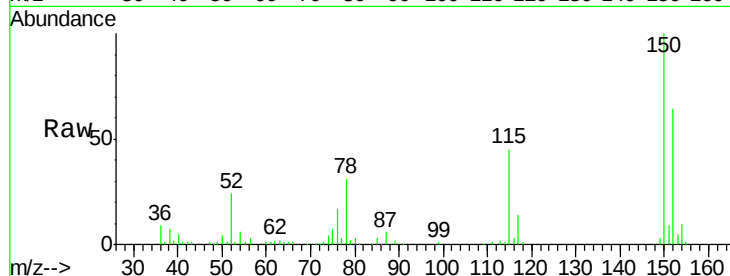
Tot Ion:152 Resp: 55280

Ion Ratio Lower Upper

152 100

150 156.5 123.8 185.6

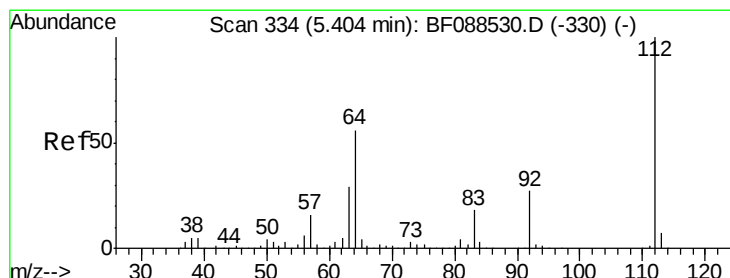
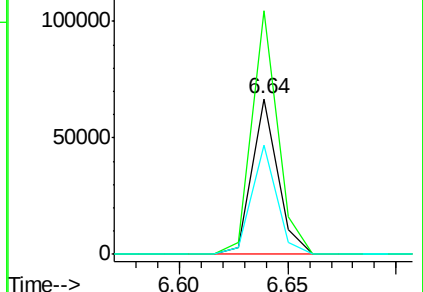
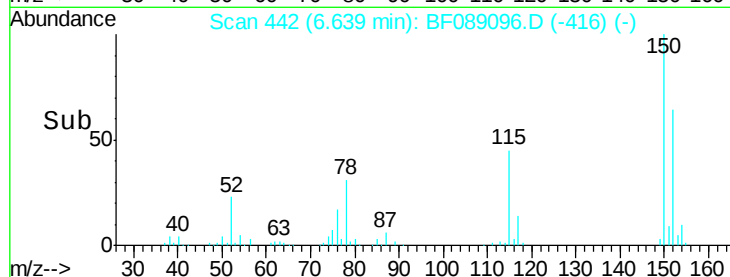
115 70.6 39.6 59.4#



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: 16.75 ng

RT: 5.26 min Scan# 321

Delta R.T. 0.03 min

Lab File: BF089096.D

Acq: 18 Jul 2016 22:11

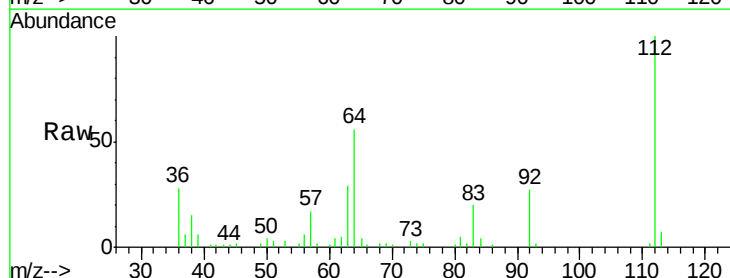
Tgt Ion:112 Resp: 61773

Ion Ratio Lower Upper

112 100

64 55.5 42.2 63.2

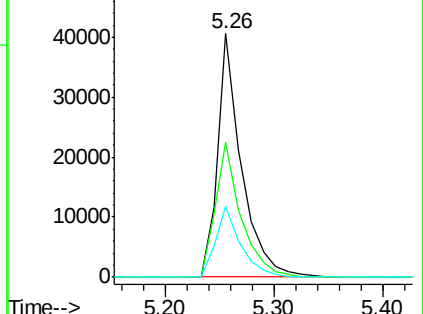
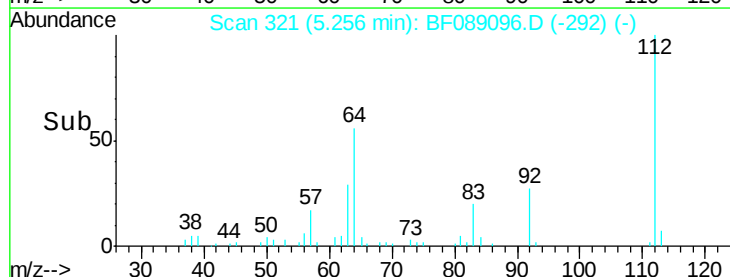
63 29.0 21.8 32.8



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: 19.03 ng

RT: 6.31 min Scan# 413

Delta R.T. 0.01 min

Lab File: BF089096.D

Acq: 18 Jul 2016 22:11

Instrument :

BNA_F

ClientSampleId :

C5-3

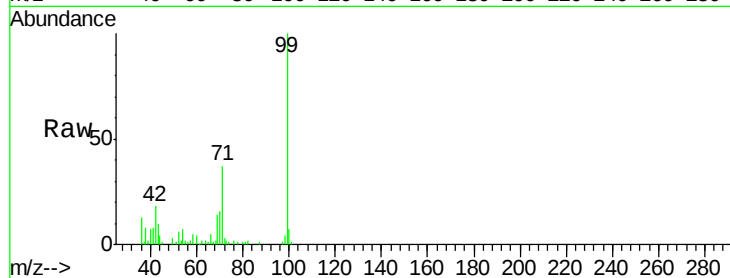
Tot Ion: 99 Resp: 90715

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

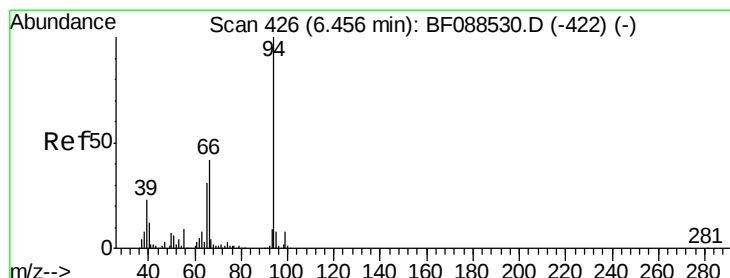
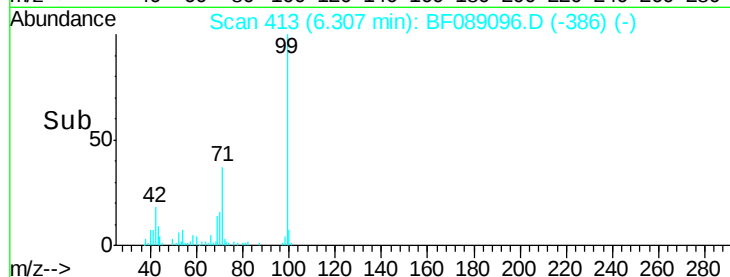
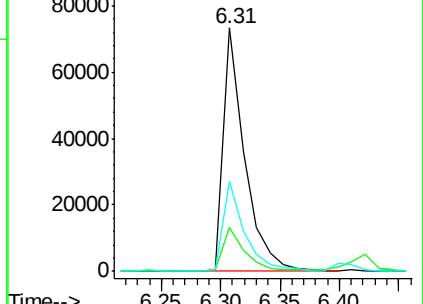
71 36.8 23.4 35.0#



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: 2.71 ng

RT: 6.38 min Scan# 419

Delta R.T. 0.07 min

Lab File: BF089096.D

Acq: 18 Jul 2016 22:11

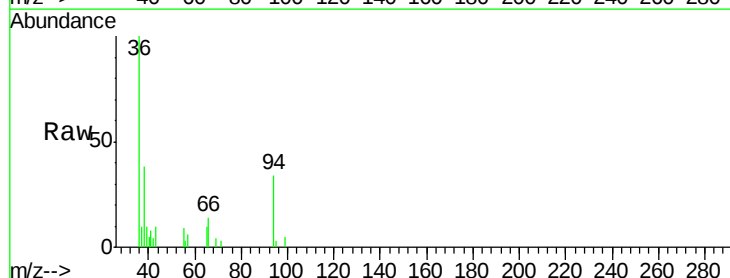
Tgt Ion: 94 Resp: 14735

Ion Ratio Lower Upper

94 100

65 30.9 5.9 45.9

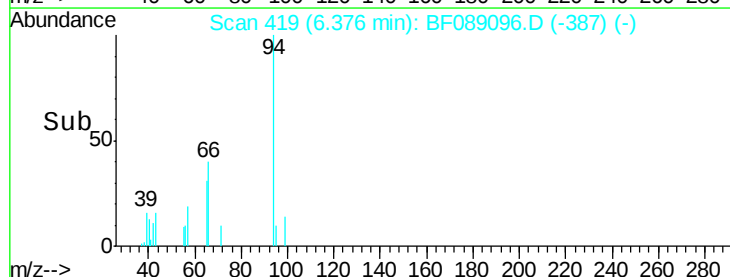
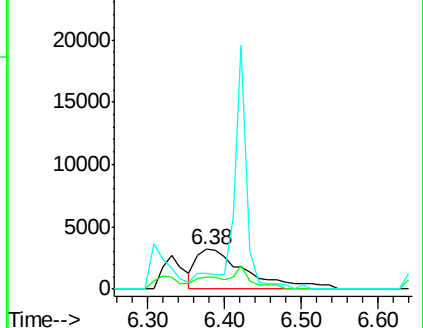
66 40.1 14.0 54.0

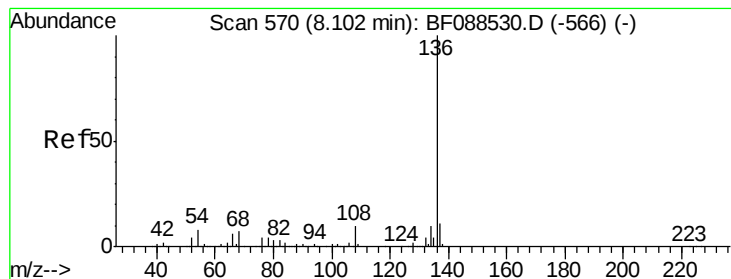


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 555

Delta R.T. 0.00 min

Lab File: BF089096.D

Acq: 18 Jul 2016 22:11

Instrument :

BNA_F

ClientSampleId :

C5-3

Tot Ion:136 Resp: 219066

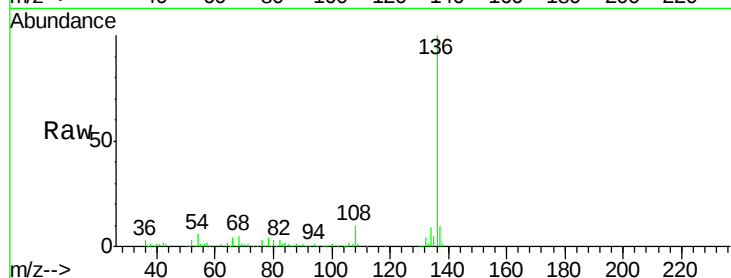
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 5.9 6.6 10.0#

68 4.7 5.1 7.7#

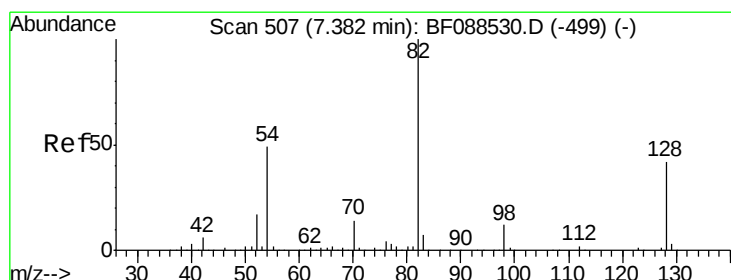
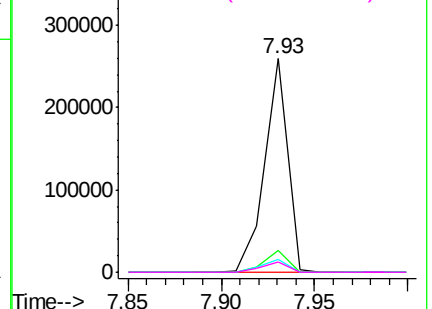
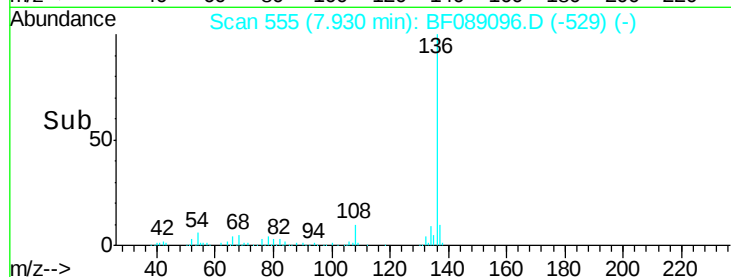


Abundance Ion 136.00 (135.70 to 136.70): E

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: 11.03 ng

RT: 7.20 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF089096.D

Acq: 18 Jul 2016 22:11

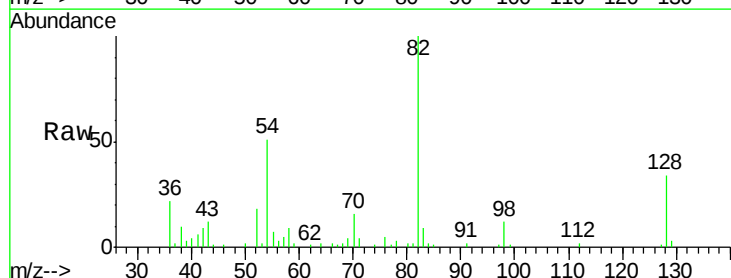
Tgt Ion: 82 Resp: 46099

Ion Ratio Lower Upper

82 100

128 34.1 35.9 53.9#

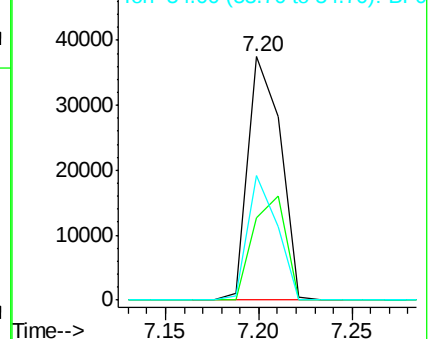
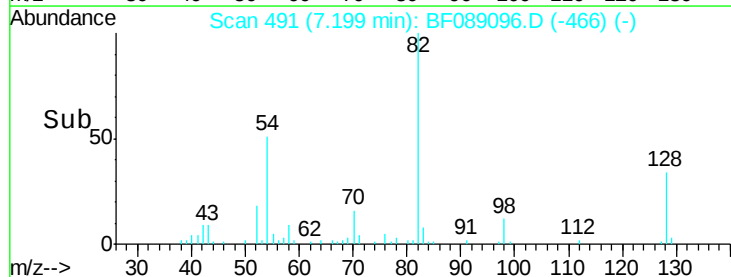
54 51.4 40.9 61.3

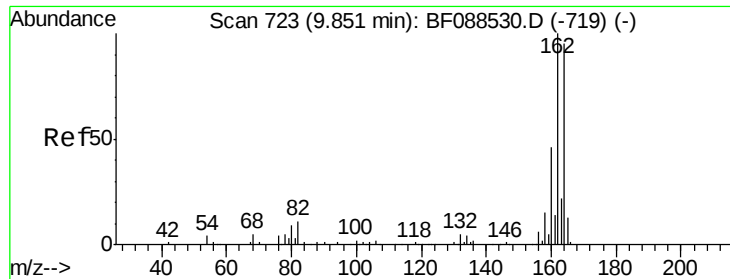


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF089096.D

Acq: 18 Jul 2016 22:11

Instrument :

BNA_F

ClientSampleId :

C5-3

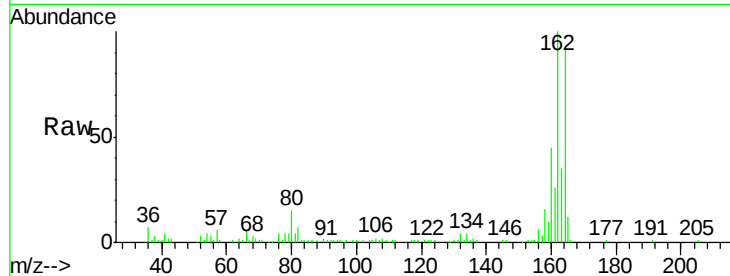
Tot Ion:164 Resp: 75671

Ion Ratio Lower Upper

164 100

162 107.5 85.4 128.2

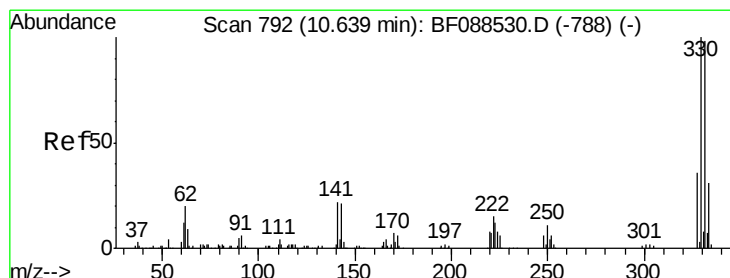
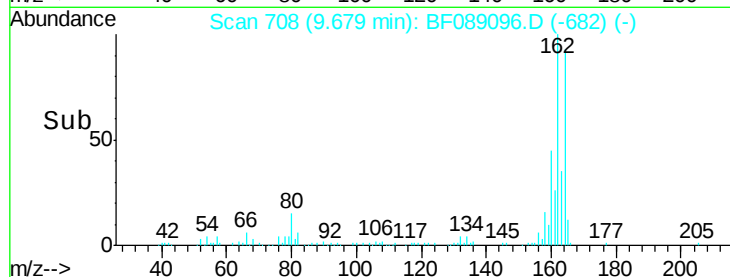
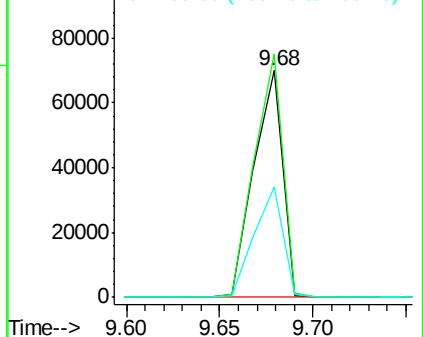
160 48.6 39.5 59.3



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: 14.66 ng

RT: 10.46 min Scan# 776

Delta R.T. -0.01 min

Lab File: BF089096.D

Acq: 18 Jul 2016 22:11

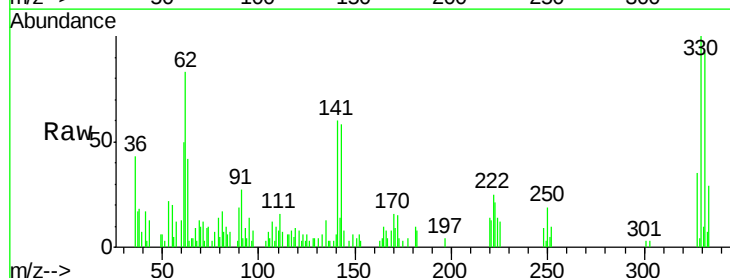
Tgt Ion:330 Resp: 10298

Ion Ratio Lower Upper

330 100

332 92.5 0.0 0.0#

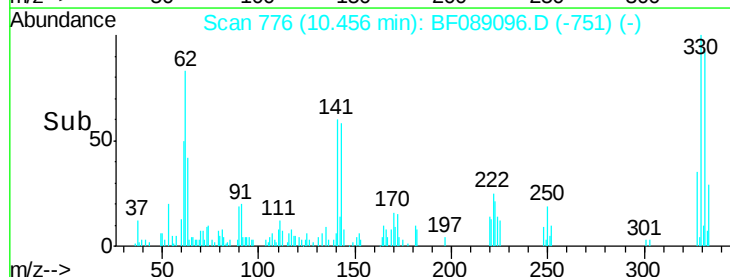
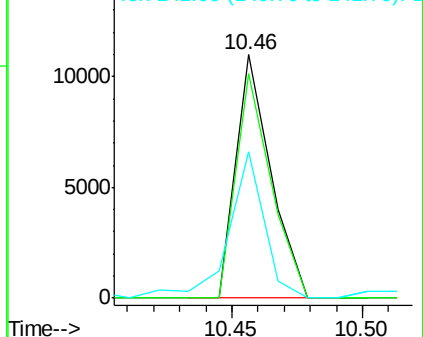
141 64.1 0.0 0.0#

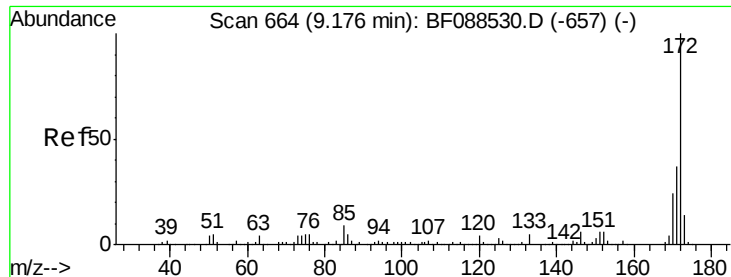


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

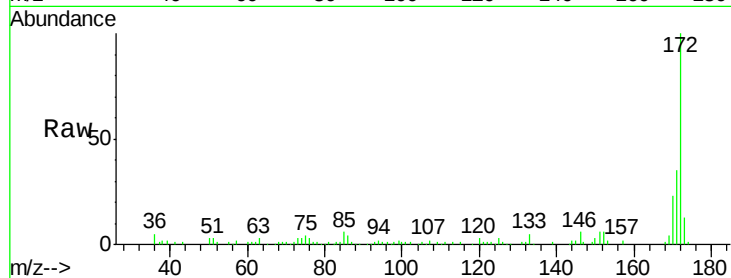




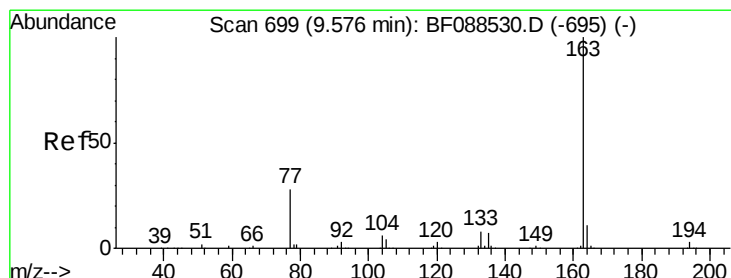
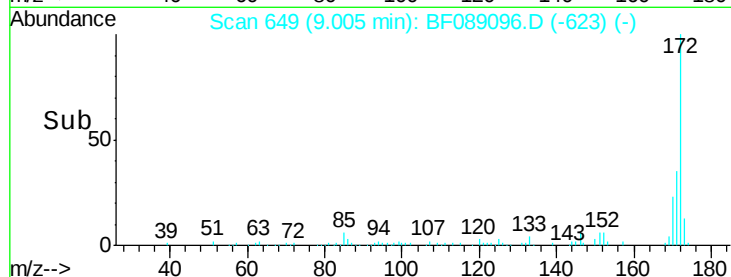
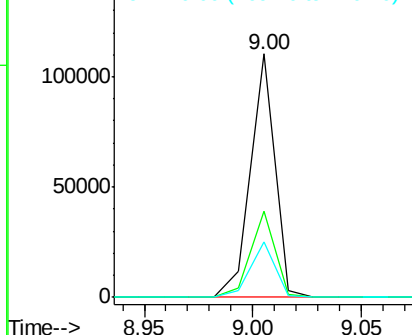
#44
 2-Fluorobiphenyl
 Concen: 17.94 ng
 RT: 9.00 min Scan# 649
 Delta R.T. 0.00 min
 Lab File: BF089096.D
 Acq: 18 Jul 2016 22:11

Instrument :
 BNA_F
 ClientSampled :
 C5-3

Tot Ion:172 Resp: 85953
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.6 43.0
 170 22.9 19.2 28.8

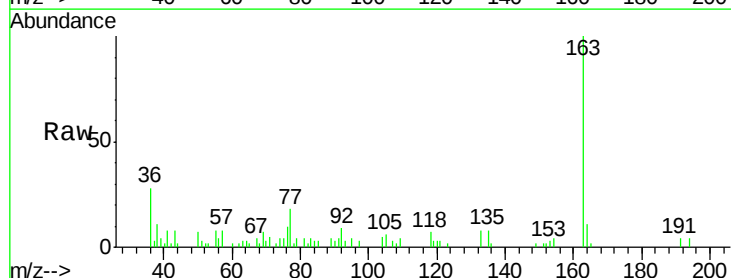


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

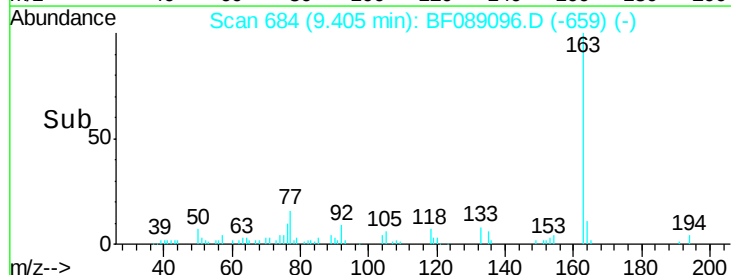
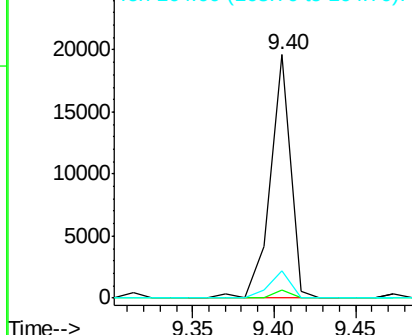


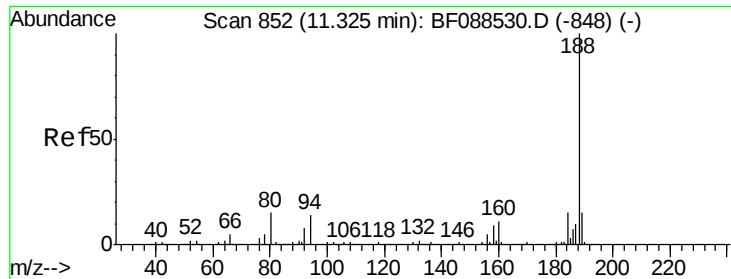
#49
 Dimethylphthalate
 Concen: 3.13 ng
 RT: 9.40 min Scan# 684
 Delta R.T. -0.01 min
 Lab File: BF089096.D
 Acq: 18 Jul 2016 22:11

Tgt Ion:163 Resp: 16876
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.8 4.2
 164 11.2 8.3 12.5



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

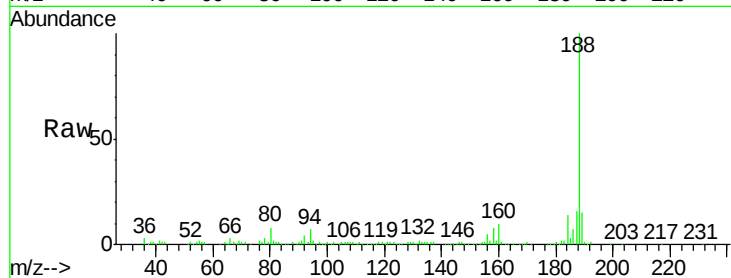




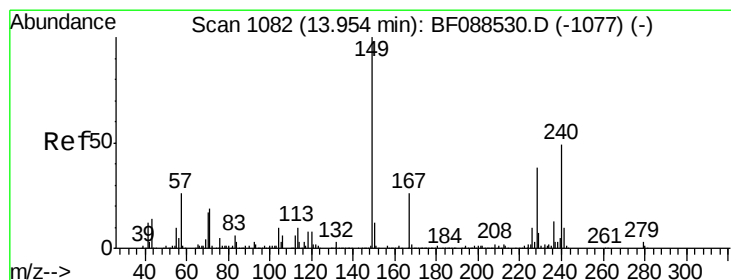
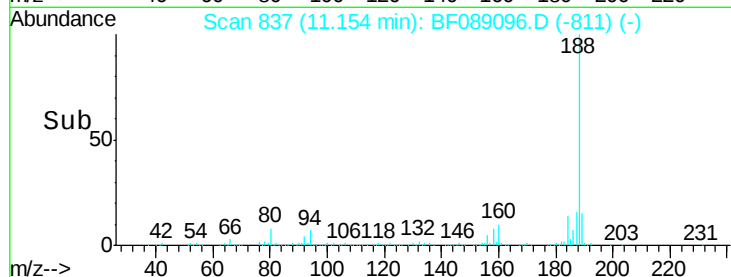
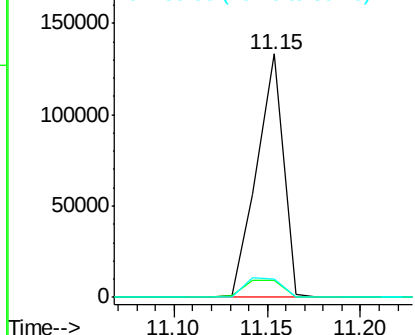
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.15 min Scan# 837
Delta R.T. 0.00 min
Lab File: BF089096.D
Acq: 18 Jul 2016 22:11

Instrument :
BNA_F
ClientSampleId :
C5-3

Tot Ion:188 Resp: 131818
Ion Ratio Lower Upper
188 100
94 7.1 9.0 13.6#
80 7.5 10.0 15.0#

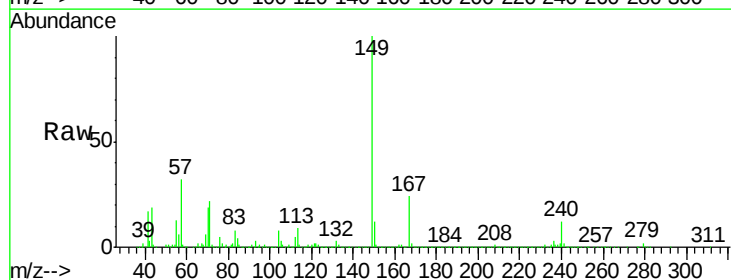


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

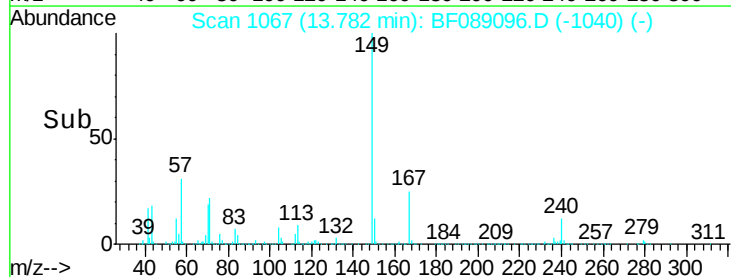
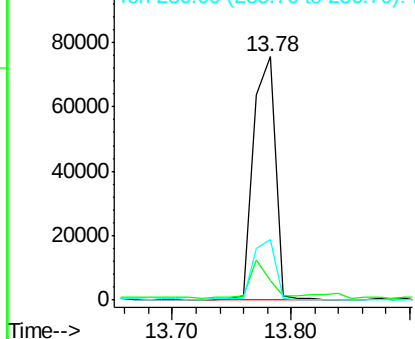


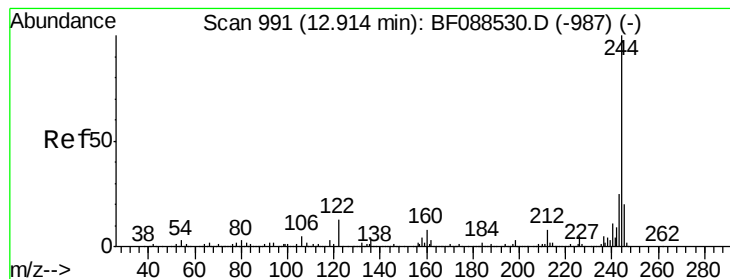
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.78 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BF089096.D
Acq: 18 Jul 2016 22:11

Tgt Ion:240 Resp: 98411
Ion Ratio Lower Upper
240 100
120 8.0 6.8 10.2
236 25.0 20.2 30.2



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: 12.48 ng

RT: 12.73 min Scan# 975

Delta R.T. 0.00 min

Lab File: BF089096.D

Acq: 18 Jul 2016 22:11

Instrument :

BNA_F

ClientSampleId :

C5-3

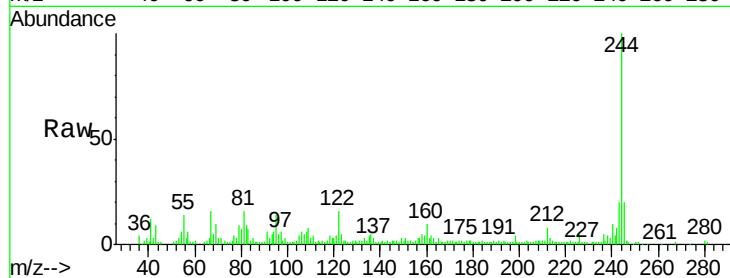
Tot Ion:244 Resp: 55143

Ion Ratio Lower Upper

244 100

212 8.3 6.0 9.0

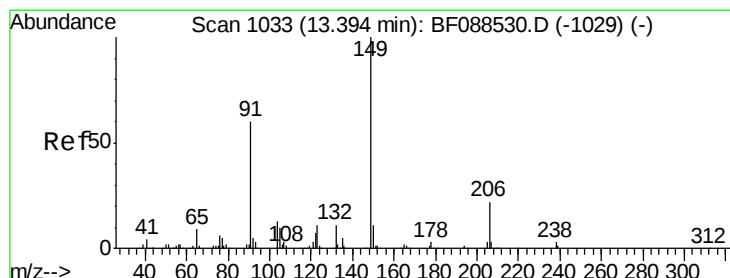
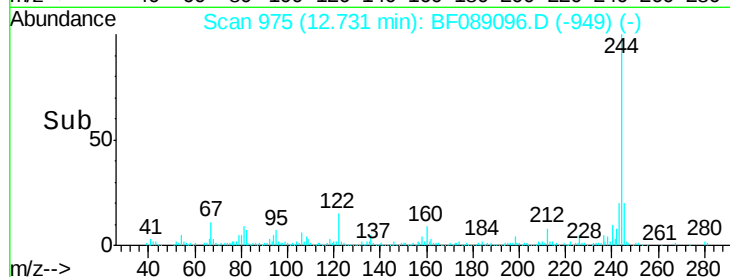
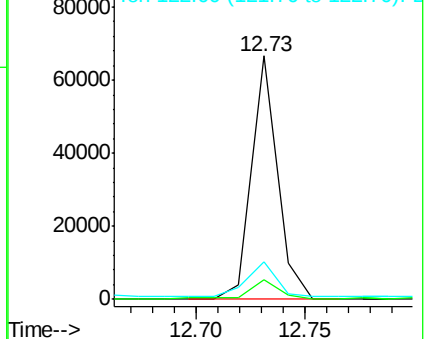
122 15.6 11.2 16.8



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



#79

Butylbenzylphthalate

Concen: 31.85 ng

RT: 13.21 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF089096.D

Acq: 18 Jul 2016 22:11

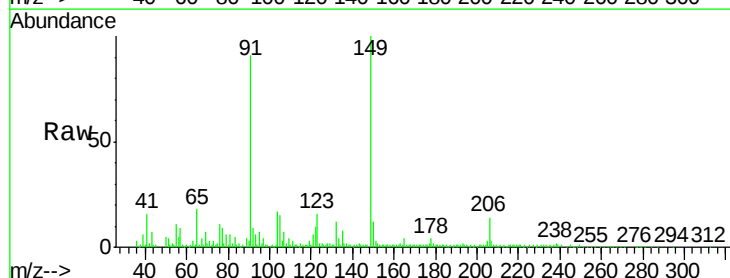
Tgt Ion:149 Resp: 118532

Ion Ratio Lower Upper

149 100

91 90.7 48.0 72.0#

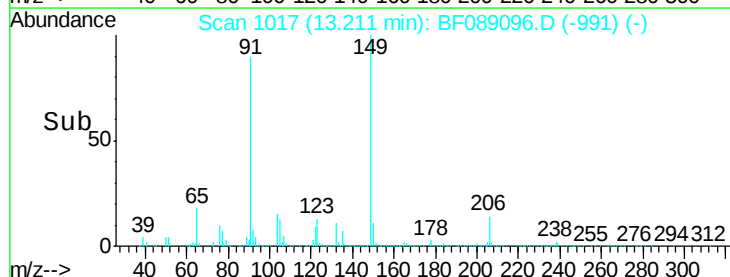
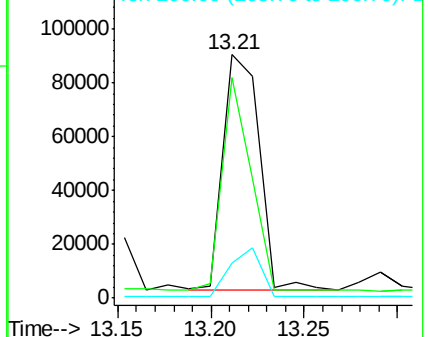
206 14.3 16.0 24.0#

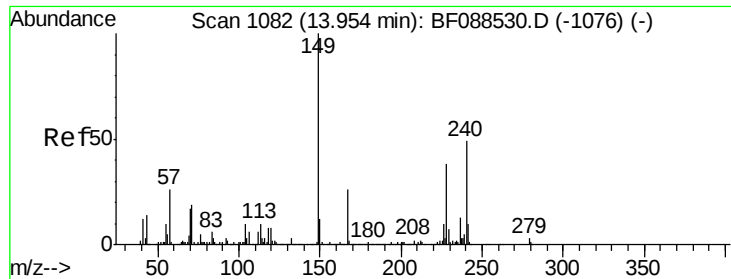


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

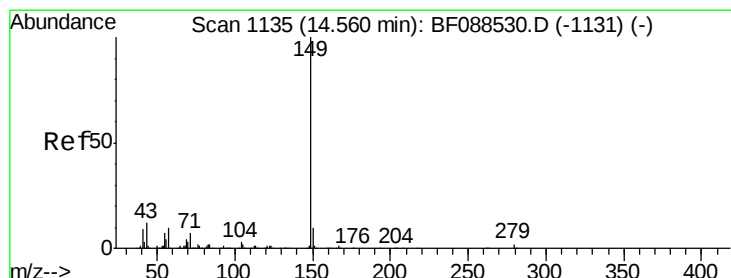
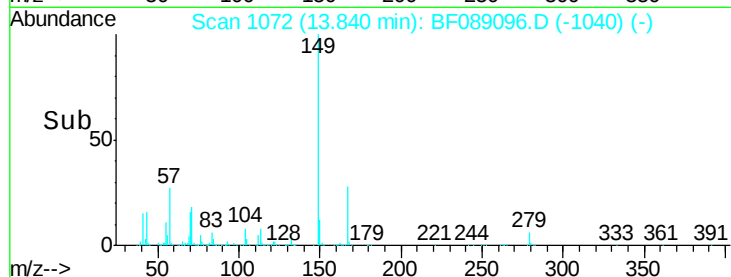
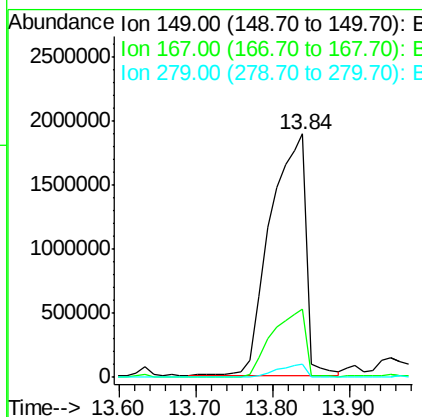
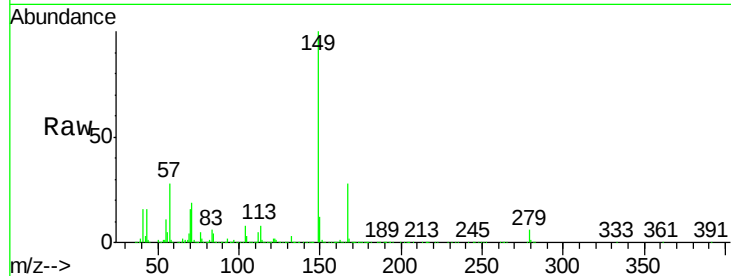




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1444.43 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. 0.07 min
 Lab File: BF089096.D
 Acq: 18 Jul 2016 22:11

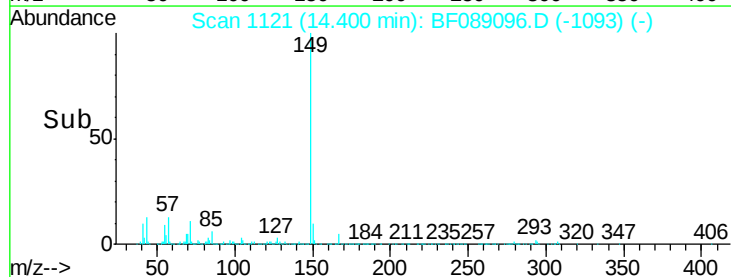
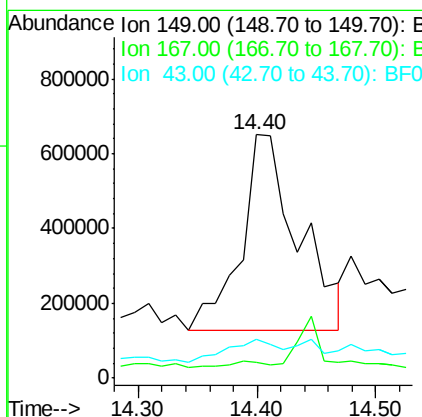
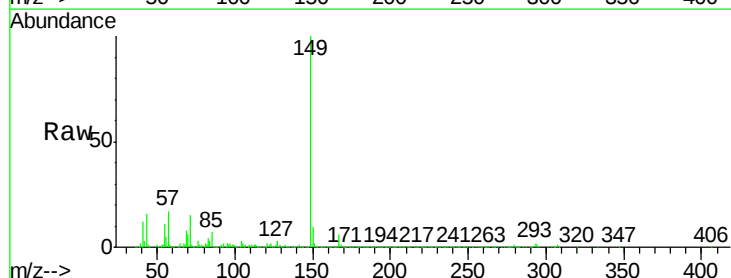
Instrument :
 BNA_F
 ClientSampleId :
 C5-3

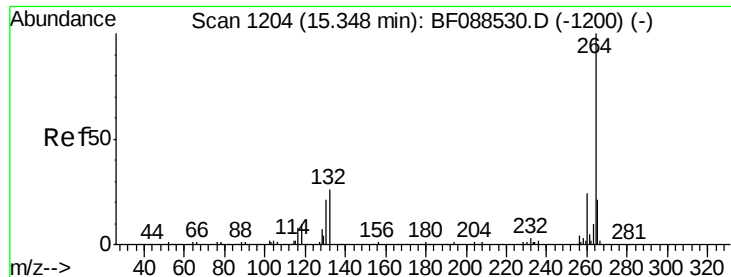
Tot Ion:149 Resp: 6137755
 Ion Ratio Lower Upper
 149 100
 167 28.1 20.5 30.7
 279 5.7 2.0 3.0#



#84
 Di-n-octyl phthalate
 Concen: 243.67 ng
 RT: 14.40 min Scan# 1121
 Delta R.T. 0.02 min
 Lab File: BF089096.D
 Acq: 18 Jul 2016 22:11

Tgt Ion:149 Resp: 1759011
 Ion Ratio Lower Upper
 149 100
 167 2.6 0.0 0.0#
 43 10.3 0.0 0.0#



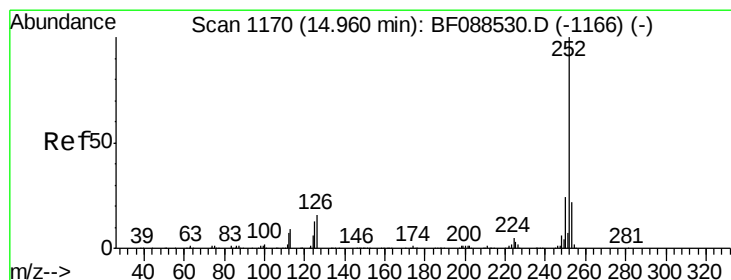
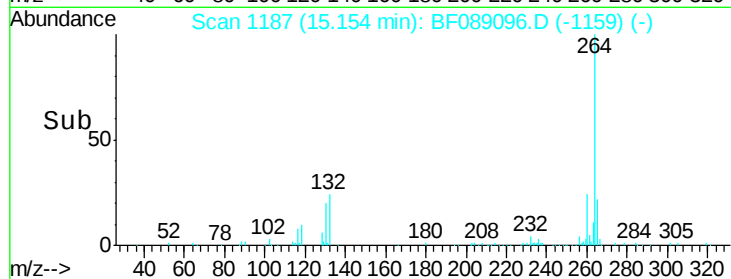
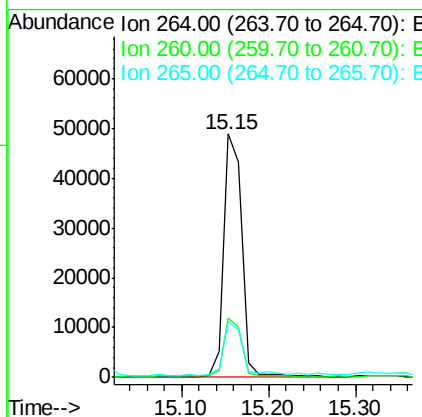
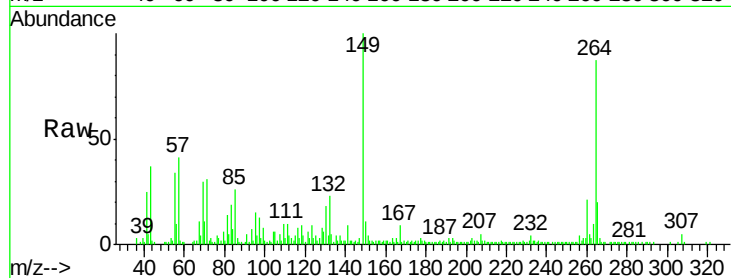


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.15 min Scan# 1187
Delta R.T. 0.02 min
Lab File: BF089096.D
Acq: 18 Jul 2016 22:11

Instrument :
BNA_F
ClientSampleId :
C5-3

Tot Ion:264 Resp: 71098

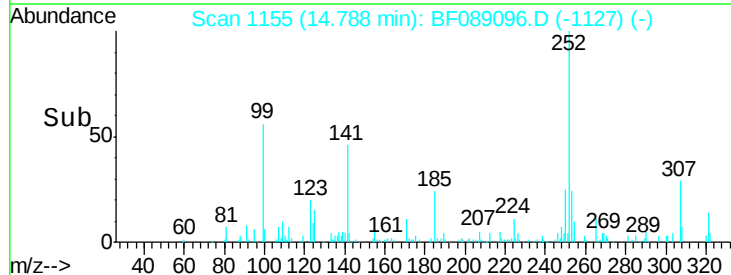
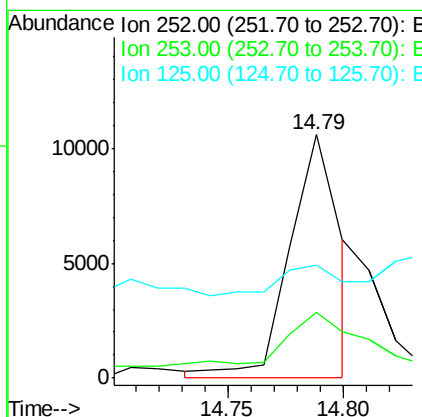
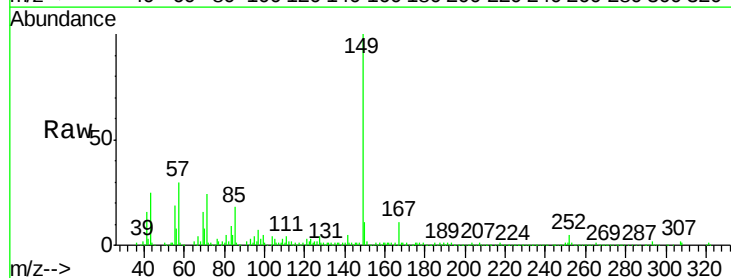
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.2	28.8
265	22.8	16.9	25.3

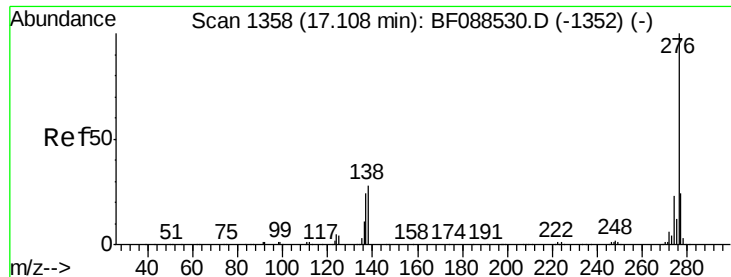


#87
Benzo(b)fluoranthene
Concen: 3.64 ng m
RT: 14.79 min Scan# 1155
Delta R.T. 0.02 min
Lab File: BF089096.D
Acq: 18 Jul 2016 22:11

Tgt Ion:252 Resp: 16231

Ion	Ratio	Lower	Upper
252	100		
253	27.1	17.4	26.2#
125	46.3	7.1	10.7#

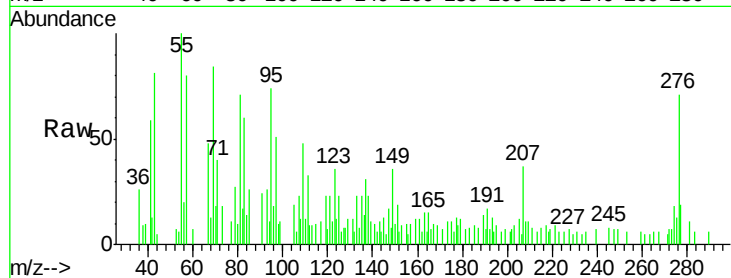




#91
 Benzo(a,h,i)perylene
 Concen: 2.32 ng
 RT: 16.78 min Scan# 1329
 Delta R.T. 0.02 min
 Lab File: BF089096.D
 Acq: 18 Jul 2016 22:11

Instrument :
 BNA_F
 ClientSampleId :
 C5-3

Tot Ion: 276 Resp: 7581
 Ion Ratio Lower Upper
 276 100
 277 26.3 18.9 28.3
 138 32.8 21.4 32.2#



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

