

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092616\
 Data File : BF090222.D
 Acq On : 26 Sep 2016 15:40
 Operator : UM/SJ
 Sample : H4933-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 16:31:15 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

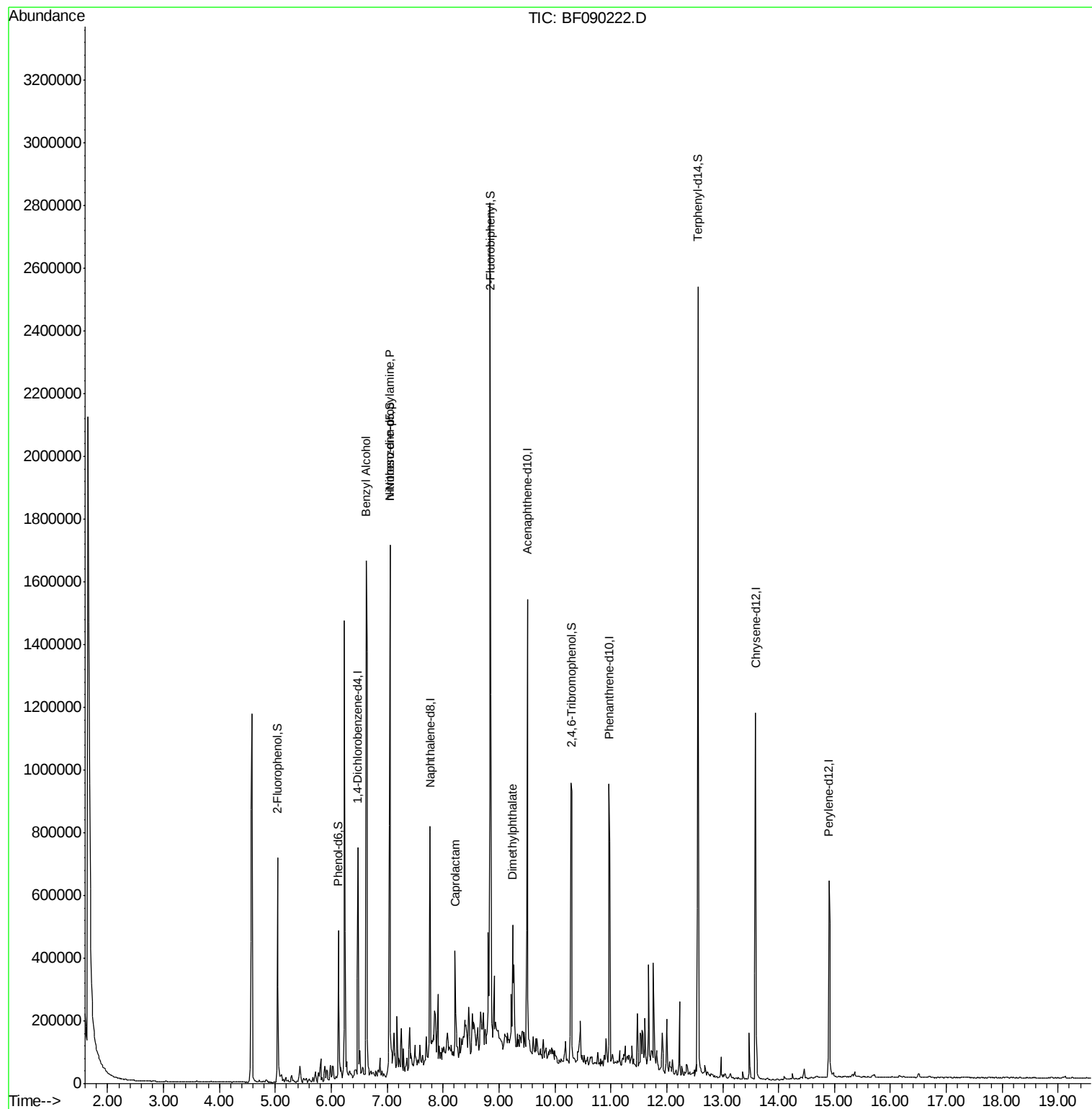
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	137153	20.00	ng	0.00
21) Naphthalene-d8	7.77	136	529633	20.00	ng	0.00
38) Acenaphthene-d10	9.51	164	312121	20.00	ng	0.00
63) Phenanthrene-d10	10.97	188	487241	20.00	ng	-0.01
75) Chrysene-d12	13.59	240	433392	20.00	ng	-0.01
86) Perylene-d12	14.90	264	327301	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	270550	32.15	ng	0.01
7) Phenol-d6	6.12	99	247945	23.86	ng	-0.01
23) Nitrobenzene-d5	7.05	82	693788	75.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.30	330	193614	72.31	ng	0.00
44) 2-Fluorobiphenyl	8.84	172	1165749	73.32	ng	-0.01
78) Terphenyl-d14	12.56	244	1039866	60.92	ng	0.00
Target Compounds						
15) Benzyl Alcohol	6.63	79	12884	2.08	ng	# 53
19) n-Nitroso-di-n-propylamine	7.05	70	86169	14.12	ng	# 78
35) Caprolactam	8.22	113	9356	3.87	ng	# 49
49) Dimethylphthalate	9.24	163	156418	7.87	ng	99

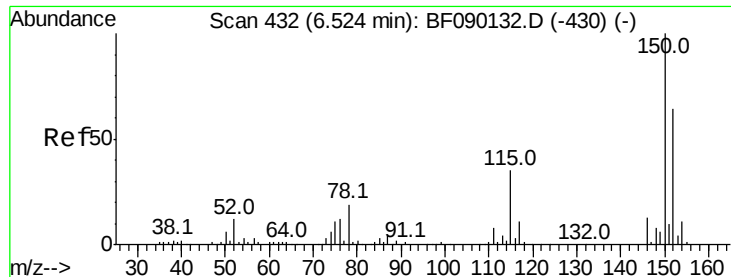
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.00 min

Lab File: BF090222.D

Acq: 26 Sep 2016 15:40

Instrument :

BNA_F

ClientSampled :

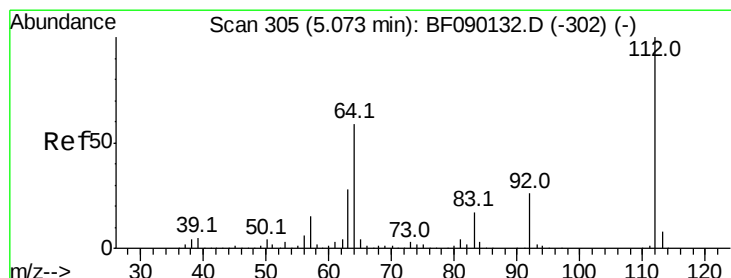
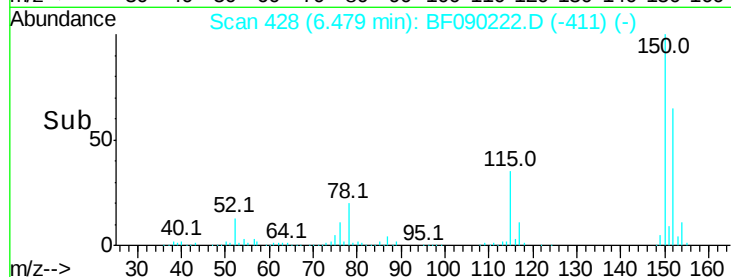
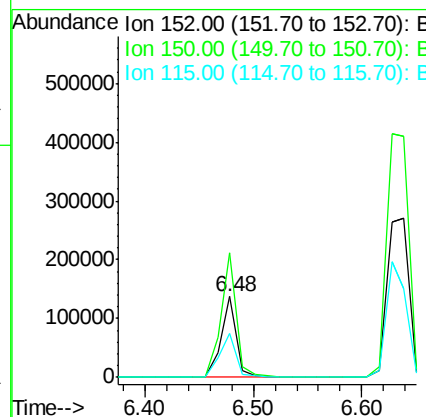
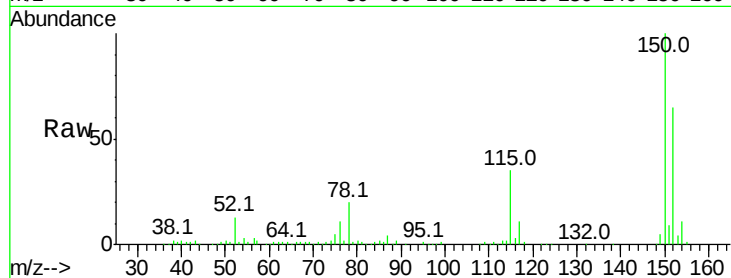
Tot Ion:152 Resp: 137153

Ion Ratio Lower Upper

152 100

150 153.5 128.9 193.3

115 54.4 55.5 83.3#



#5

2-Fluorophenol

Concen: 32.15 ng

RT: 5.04 min Scan# 302

Delta R.T. 0.01 min

Lab File: BF090222.D

Acq: 26 Sep 2016 15:40

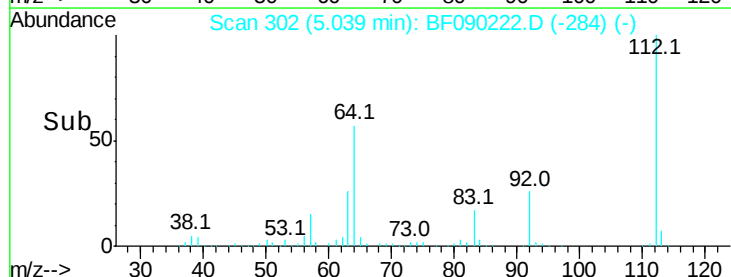
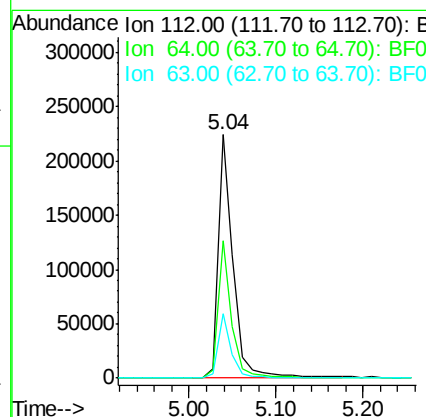
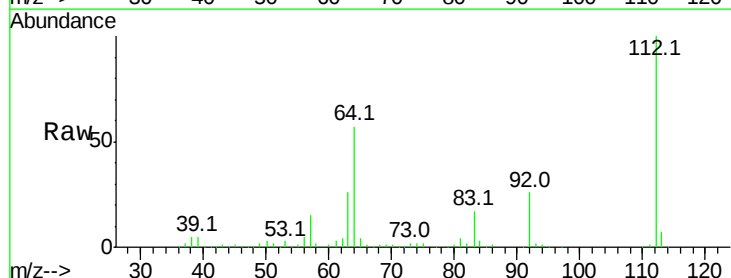
Tgt Ion:112 Resp: 270550

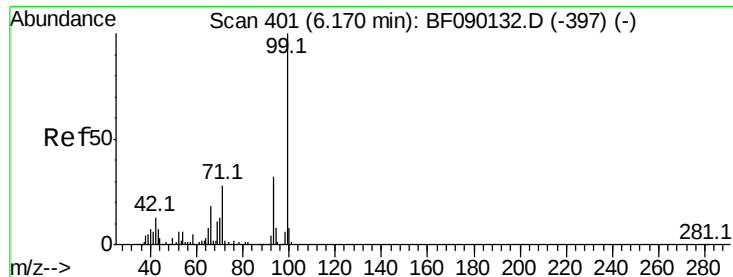
Ion Ratio Lower Upper

112 100

64 56.6 39.8 59.6

63 26.2 18.9 28.3





#7

Phenol-d6

Concen: 23.86 ng

RT: 6.12 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF090222.D

Acq: 26 Sep 2016 15:40

Instrument :

BNA_F

ClientSampled :

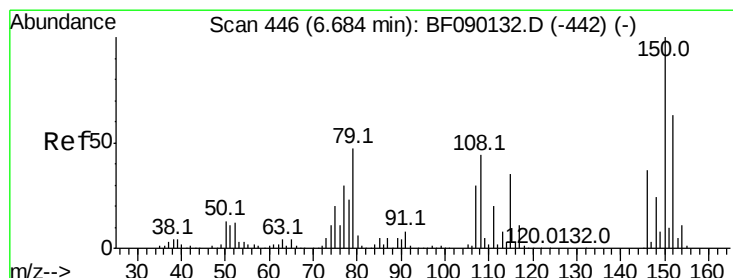
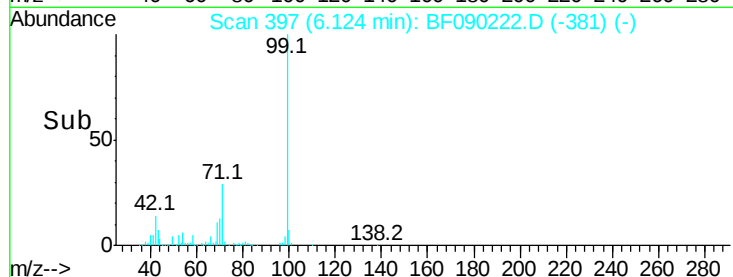
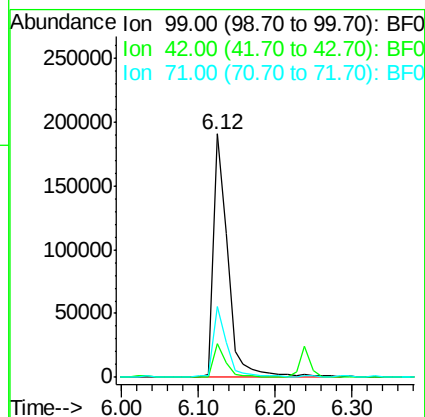
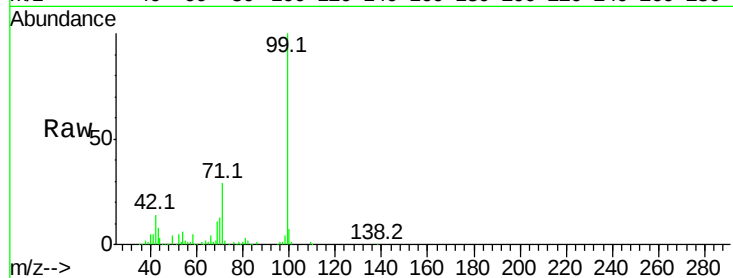
Tot Ion: 99 Resp: 247945

Ion Ratio Lower Upper

99 100

42 13.7 10.6 15.8

71 28.9 23.0 34.6



#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF090222.D

Acq: 26 Sep 2016 15:40

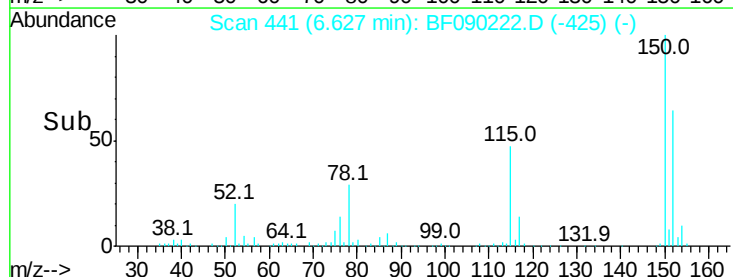
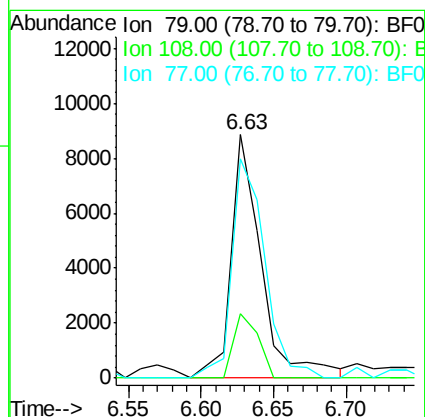
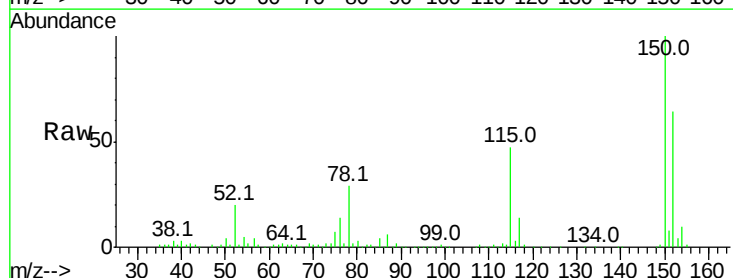
Tgt Ion: 79 Resp: 12884

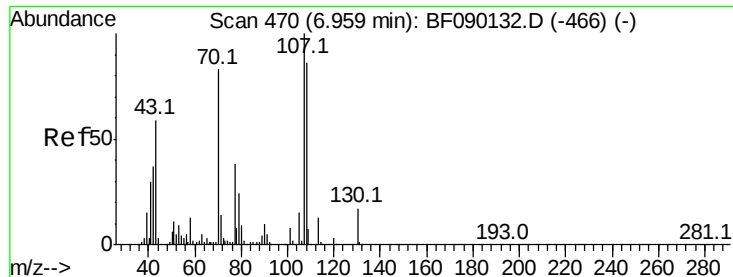
Ion Ratio Lower Upper

79 100

108 26.7 62.2 93.4#

77 89.8 51.4 77.0#





#19

n-Nitroso-di-n-propylamine

Concen: 14.12 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.14 min

Lab File: BF090222.D

Acq: 26 Sep 2016 15:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 86169

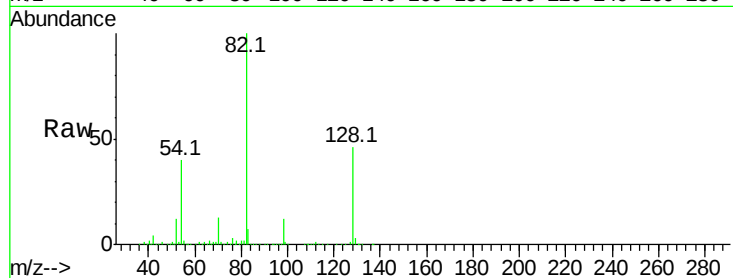
Ion Ratio Lower Upper

70 100

42 35.2 35.1 52.7

101 0.0 7.5 11.3#

130 2.3 16.6 25.0#

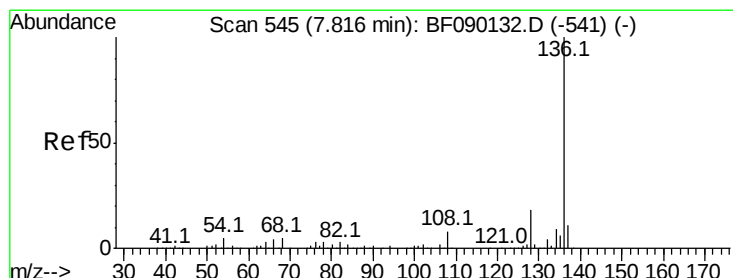
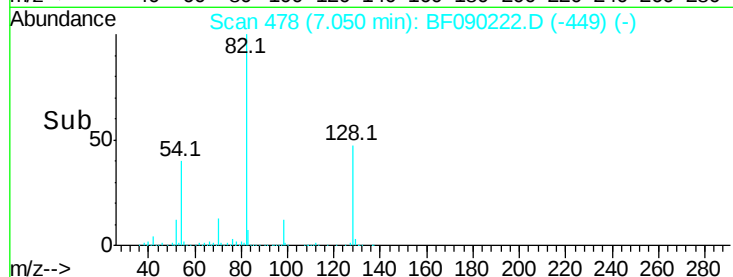
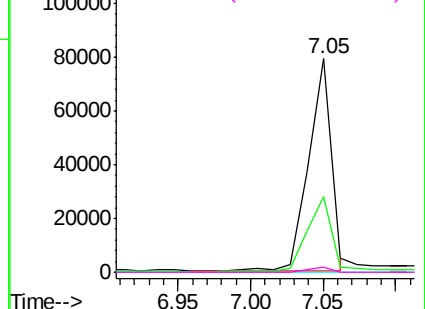


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 541

Delta R.T. -0.00 min

Lab File: BF090222.D

Acq: 26 Sep 2016 15:40

Tgt Ion: 136 Resp: 529633

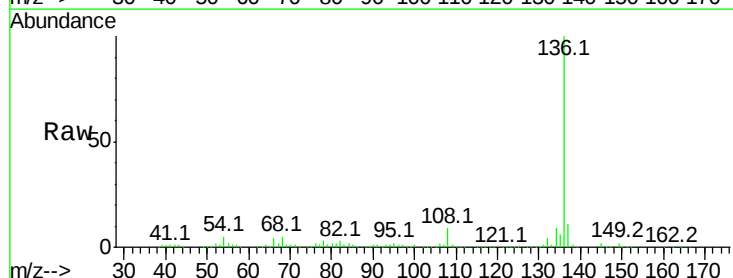
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.4

54 5.1 6.4 9.6#

68 5.2 6.3 9.5#

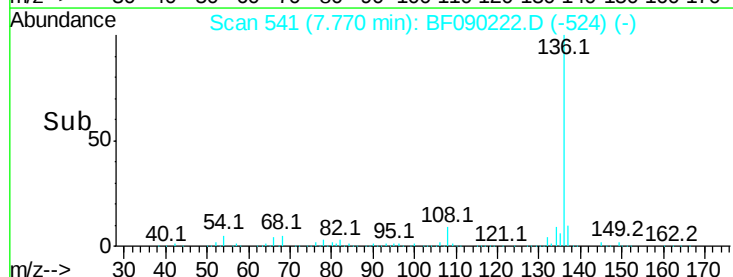
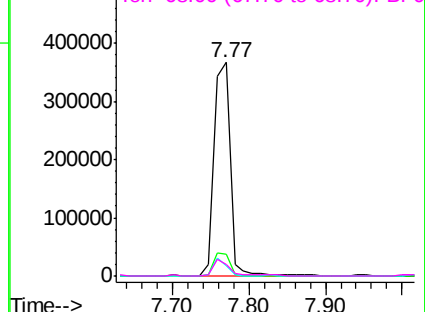


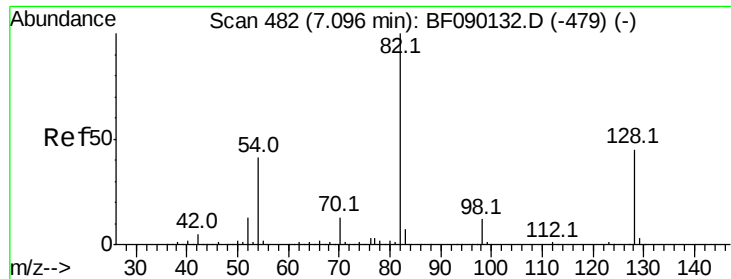
Abundance Ion 136.00 (135.70 to 136.70): E

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

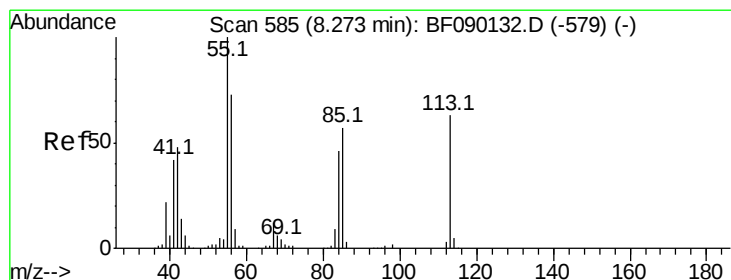
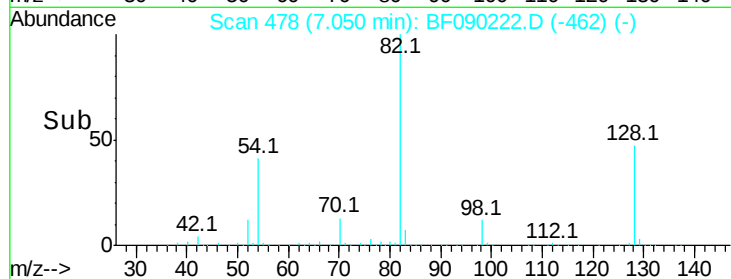
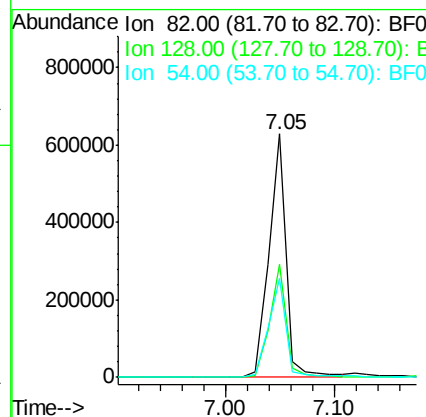
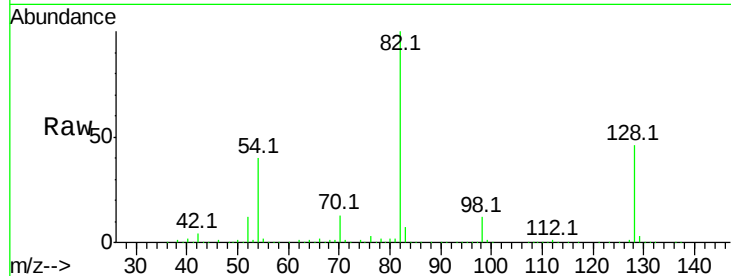




#23
 Nitrobenzene-d5
 Concen: 75.94 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.01 min
 Lab File: BF090222.D
 Acq: 26 Sep 2016 15:40

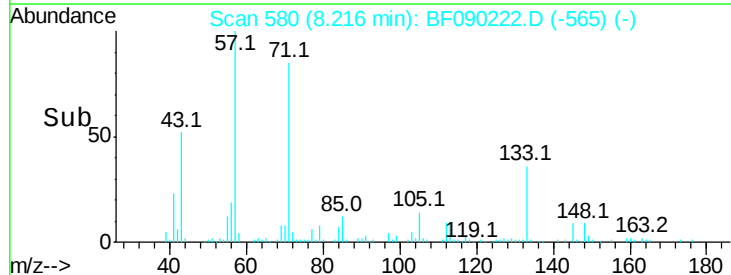
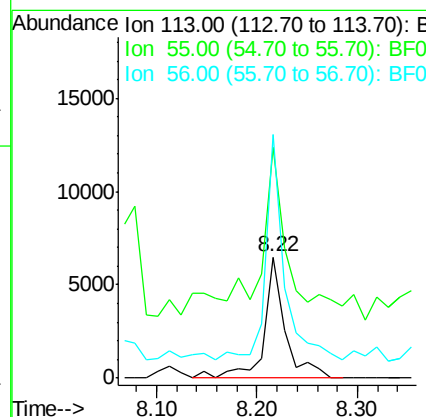
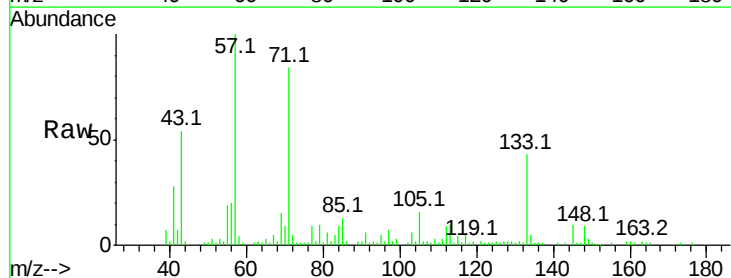
Instrument :
 BNA_F
 ClientSampled :

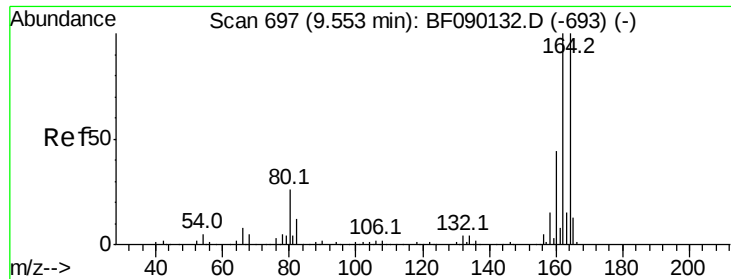
Tot Ion:	82	Resp:	693788
Ion	Ratio	Lower	Upper
82	100		
128	46.5	37.5	56.3
54	40.5	31.9	47.9



#35
 Caprolactam
 Concen: 3.87 ng
 RT: 8.22 min Scan# 580
 Delta R.T. -0.02 min
 Lab File: BF090222.D
 Acq: 26 Sep 2016 15:40

Tgt Ion:	113	Resp:	9356
Ion	Ratio	Lower	Upper
113	100		
55	190.9	134.5	174.5#
56	200.9	93.7	133.7#

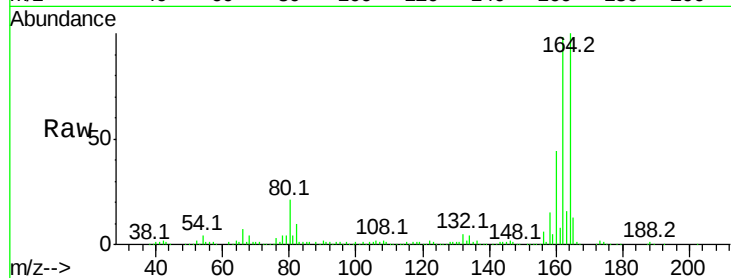




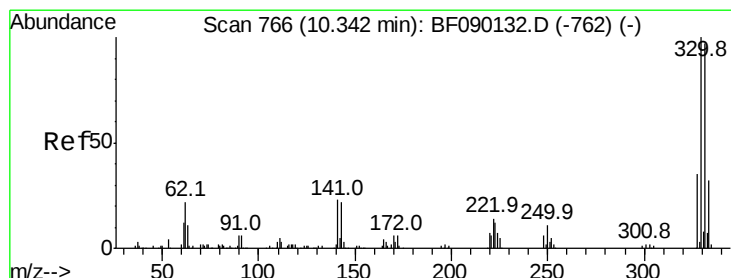
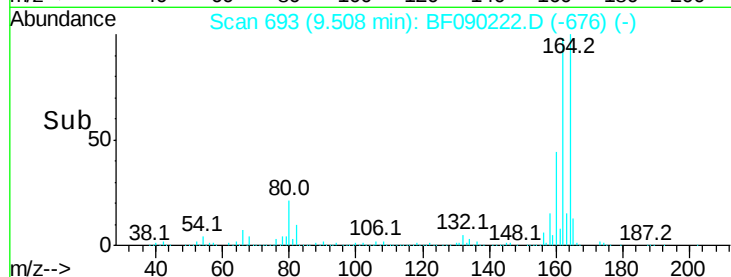
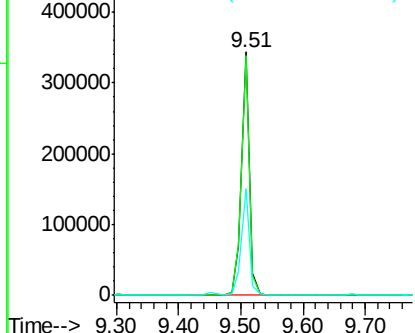
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.00 min
 Lab File: BF090222.D
 Acq: 26 Sep 2016 15:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 312121
 Ion Ratio Lower Upper
 164 100
 162 98.4 81.4 122.2
 160 43.9 36.6 54.8

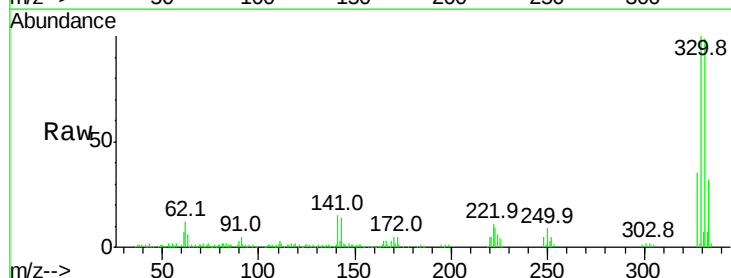


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

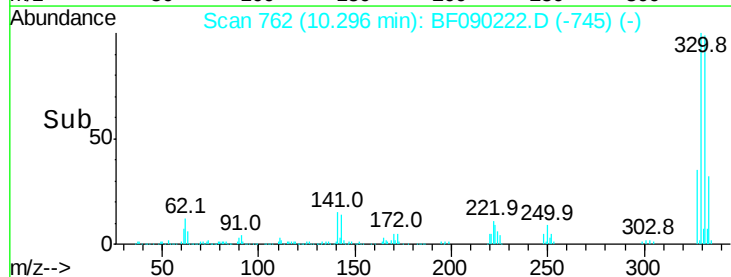
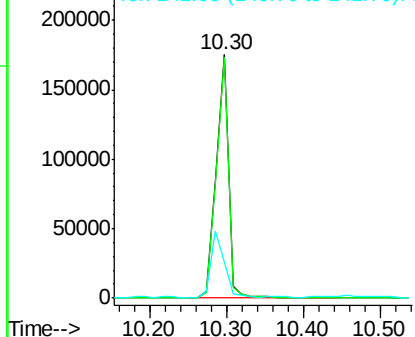


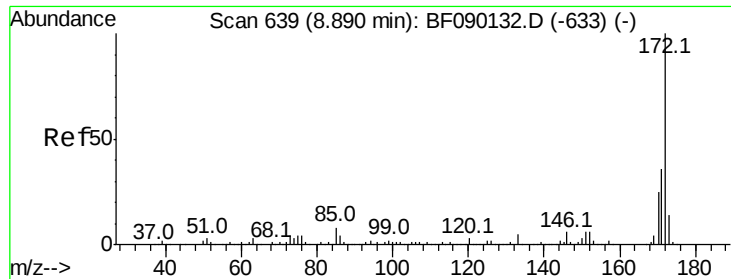
#41
 2,4,6-Tribromophenol
 Concen: 72.31 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BF090222.D
 Acq: 26 Sep 2016 15:40

Tgt Ion:330 Resp: 193614
 Ion Ratio Lower Upper
 330 100
 332 98.3 78.1 117.1
 141 29.8 23.9 35.9



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

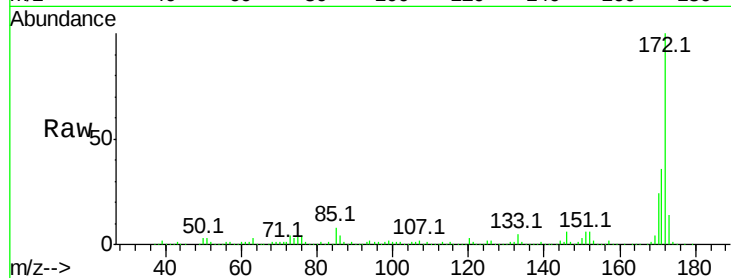




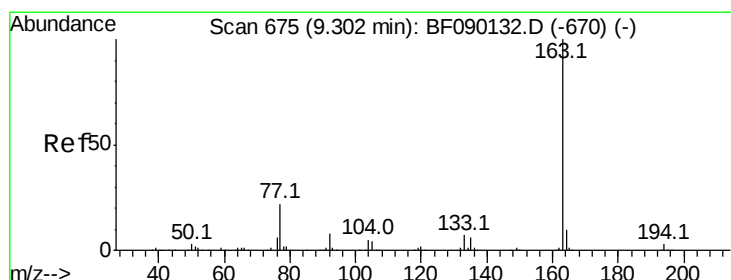
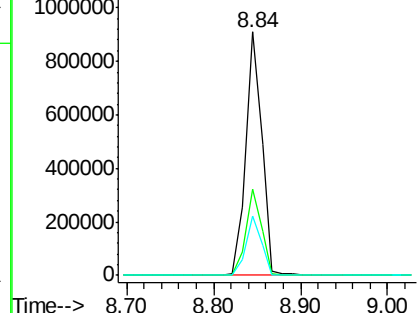
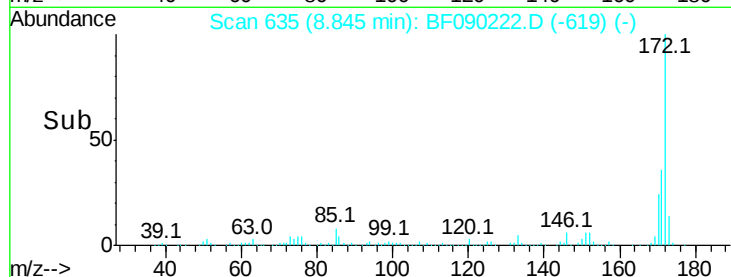
#44
2-Fluorobiphenyl
Concen: 73.32 ng
RT: 8.84 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF090222.D
Acq: 26 Sep 2016 15:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1165749
Ion Ratio Lower Upper
172 100
171 35.6 29.2 43.8
170 24.3 19.8 29.8

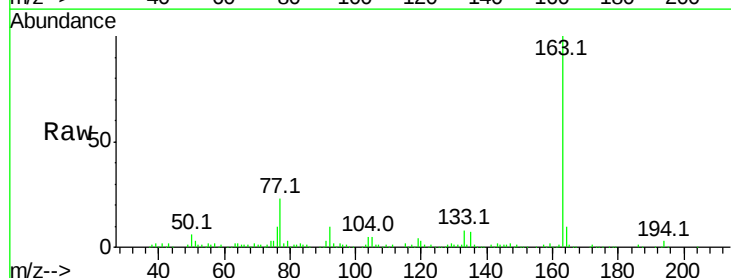


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

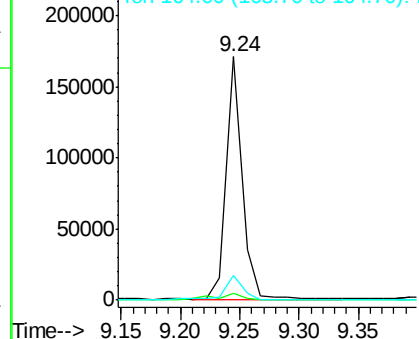
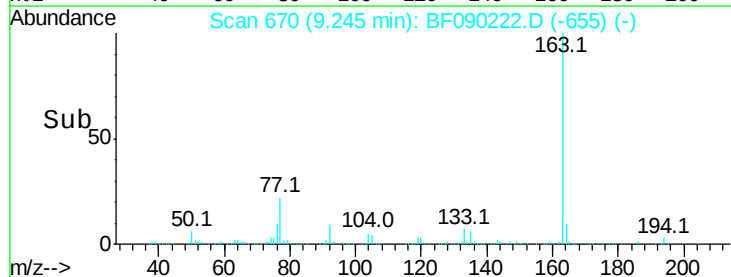


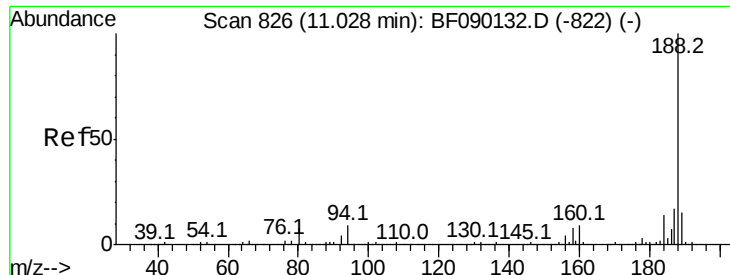
#49
Dimethylphthalate
Concen: 7.87 ng
RT: 9.24 min Scan# 670
Delta R.T. -0.02 min
Lab File: BF090222.D
Acq: 26 Sep 2016 15:40

Tgt Ion:163 Resp: 156418
Ion Ratio Lower Upper
163 100
194 2.9 2.8 4.2
164 10.4 8.1 12.1



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

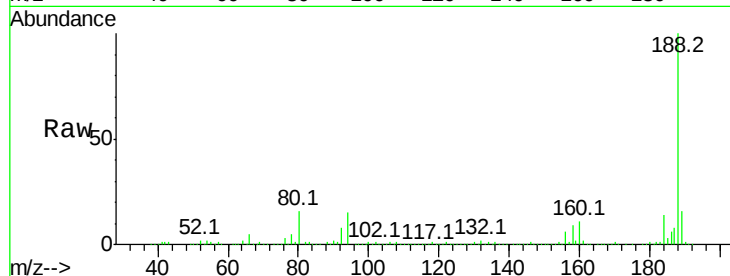




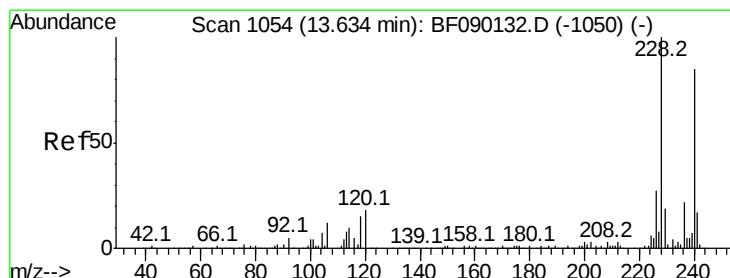
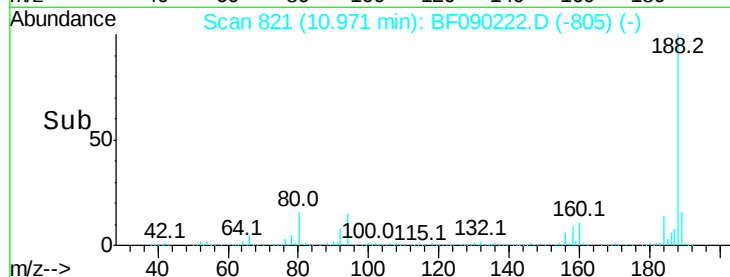
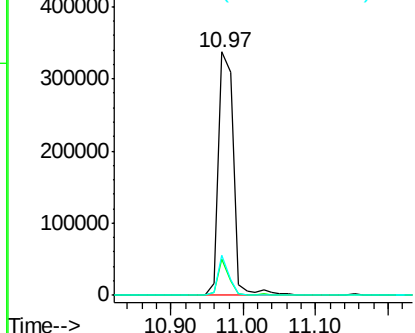
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.97 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF090222.D
Acq: 26 Sep 2016 15:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 487241
Ion Ratio Lower Upper
188 100
94 15.1 10.5 15.7
80 16.3 11.2 16.8

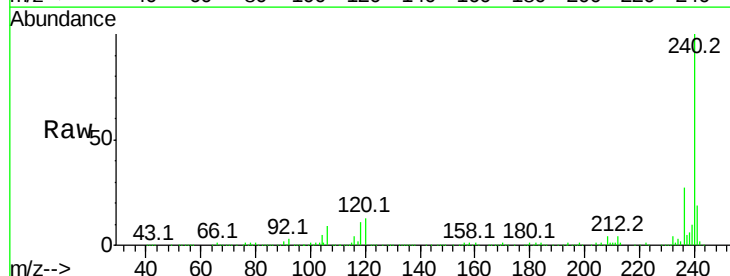


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

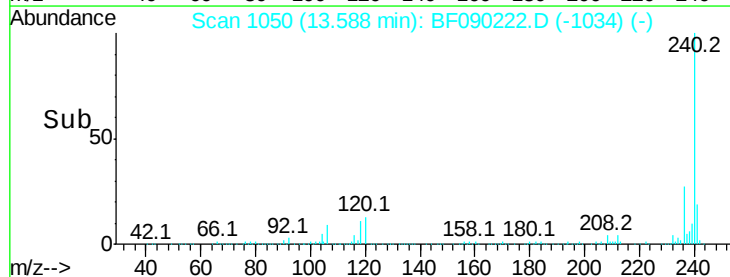
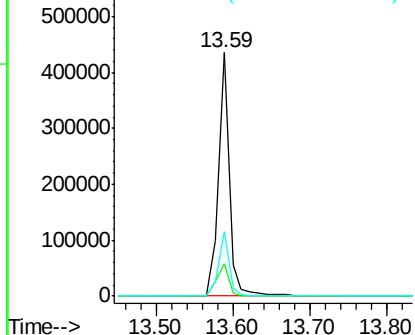


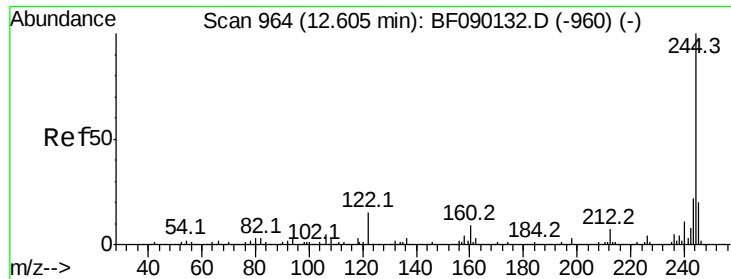
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.59 min Scan# 1050
Delta R.T. -0.01 min
Lab File: BF090222.D
Acq: 26 Sep 2016 15:40

Tgt Ion:240 Resp: 433392
Ion Ratio Lower Upper
240 100
120 13.3 10.6 16.0
236 26.5 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

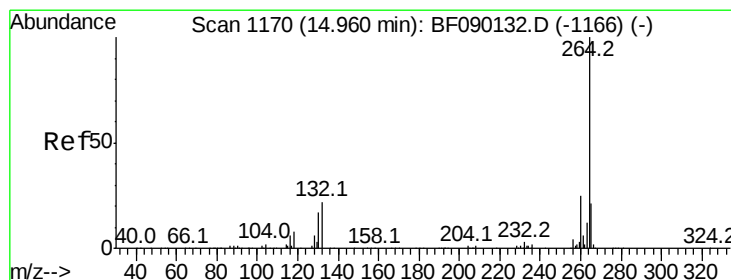
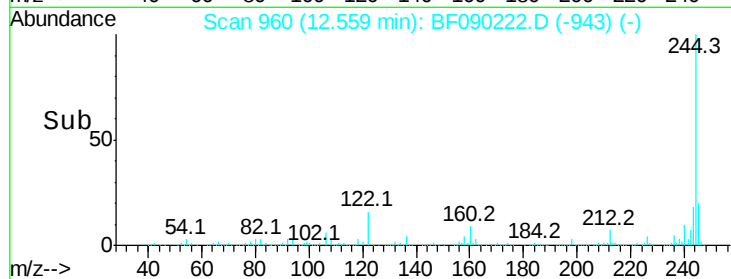
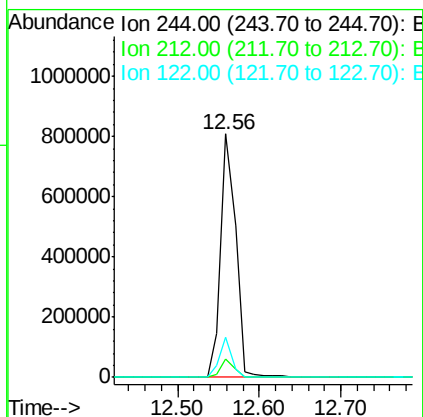
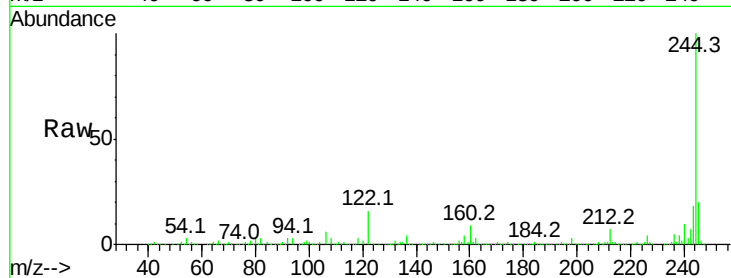




#78
 Terphenyl-d14
 Concen: 60.92 ng
 RT: 12.56 min Scan# 960
 Delta R.T. -0.00 min
 Lab File: BF090222.D
 Acq: 26 Sep 2016 15:40

Instrument :
 BNA_F
 ClientSampleID :

Tot Ion:244 Resp: 1039866
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 16.4 9.4 14.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.90 min Scan# 1165
 Delta R.T. -0.01 min
 Lab File: BF090222.D
 Acq: 26 Sep 2016 15:40

Tgt Ion:264 Resp: 327301
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.8 17.0 25.4

