

Data Path : Z:\HPCHEM1\BNA F\Data\BF101416\
 Data File : BF090562.D
 Acq On : 14 Oct 2016 11:34
 Operator : UM/SJ
 Sample : H5157-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MJSB-17(16-17)

Quant Time: Oct 14 13:15:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 14 02:03:28 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

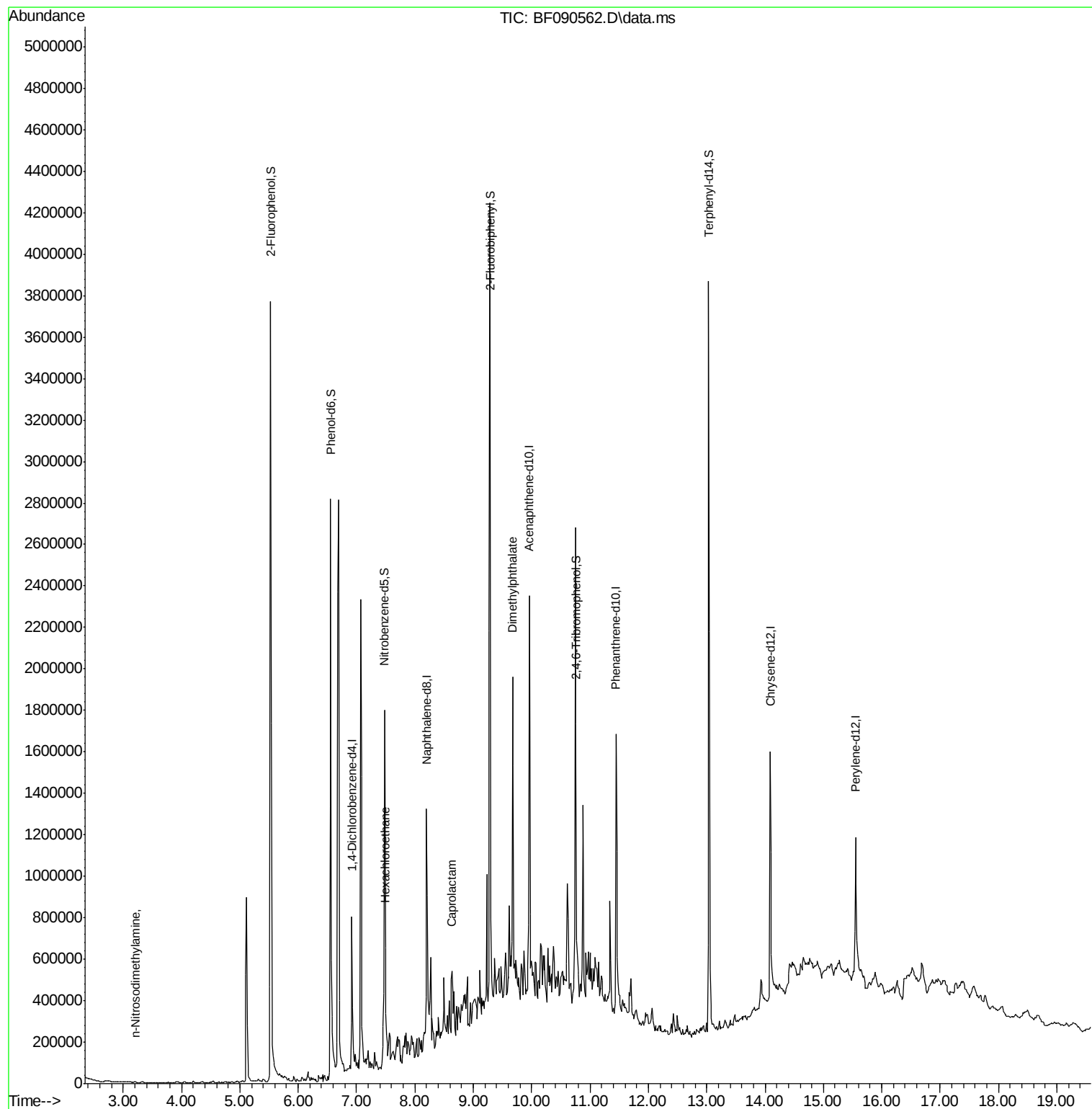
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.920	152	190560	20.00	ng	0.00
21) Naphthalene-d8	8.200	136	793868	20.00	ng	-0.01
38) Acenaphthene-d10	9.961	164	446980	20.00	ng	-0.01
63) Phenanthrene-d10	11.446	188	761968	20.00	ng	-0.01
75) Chrysene-d12	14.087	240	599177	20.00	ng	-0.01
86) Perylene-d12	15.550	264	445782	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	1355536	130.41	ng	0.00
7) Phenol-d6	6.554	99	1594237	103.22	ng	0.00
23) Nitrobenzene-d5	7.480	82	869910	60.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.761	330	461845	115.90	ng	0.00
44) 2-Fluorobiphenyl	9.286	172	1749364	64.49	ng	0.00
78) Terphenyl-d14	13.035	244	1633408	63.47	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.206	42	696	7.30	ng	Qvalue # 1
18) Hexachloroethane	7.492	117	28475	4.93	ng	# 23
35) Caprolactam	8.635	113	15409	5.71	ng	# 84
49) Dimethylphthalate	9.675	163	543279	18.73	ng	# 99

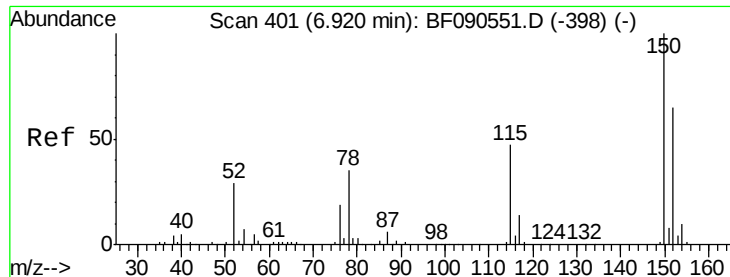
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF101416\
Data File : BF090562.D
Acq On : 14 Oct 2016 11:34
Operator : UM/SJ
Sample : H5157-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MJSB-17(16-17)

Quant Time: Oct 14 13:15:57 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 14 02:03:28 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.920 min Scan# 40

Delta R.T. 0.000 min

Lab File: BF090562.D

Acq: 14 Oct 2016 11:34

Instrument :

BNA_F

ClientSampleId :

MJSB-17(16-17)

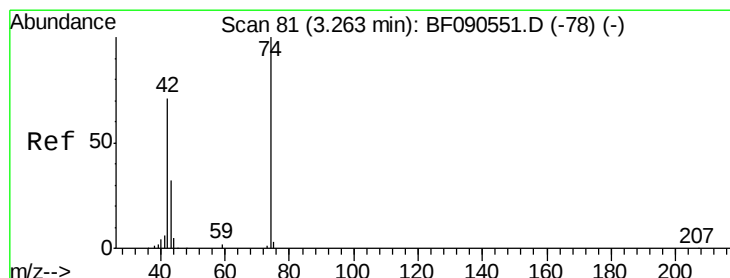
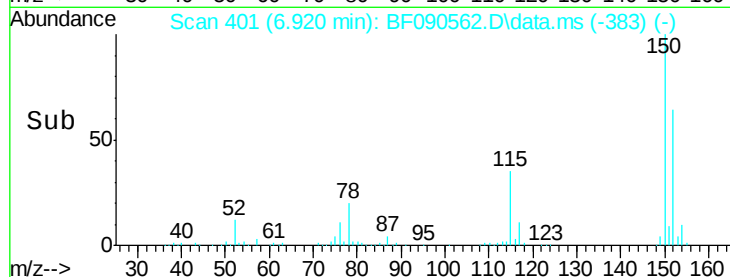
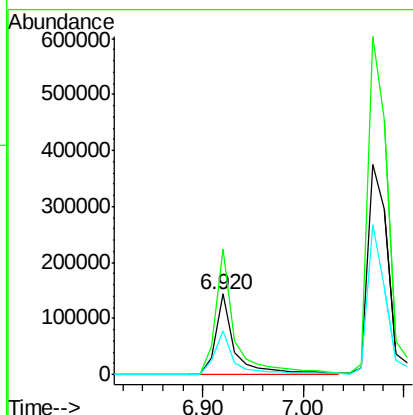
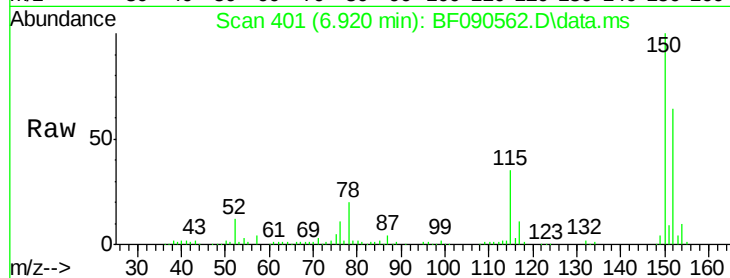
Tot Ion:152 Resp: 190560

Ion Ratio Lower Upper

152 100

150 156.2 127.2 190.8

115 54.4 58.6 88.0#



#4

n-Nitrosodimethylamine

Concen: 7.30 ng

RT: 3.206 min Scan# 76

Delta R.T. -0.056 min

Lab File: BF090562.D

Acq: 14 Oct 2016 11:34

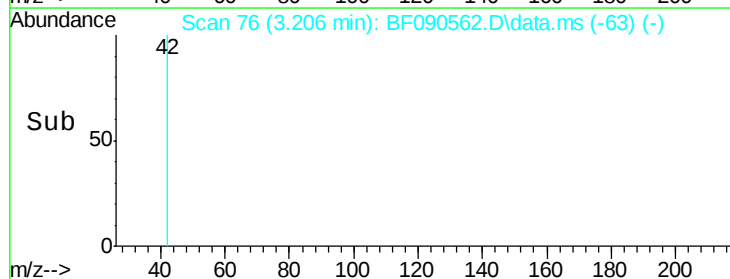
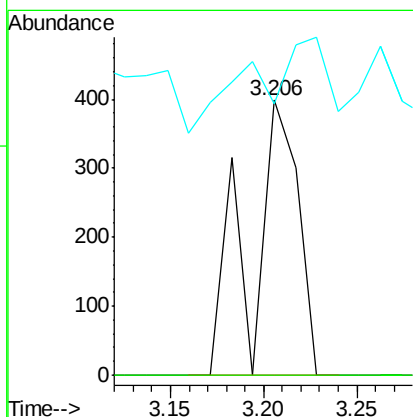
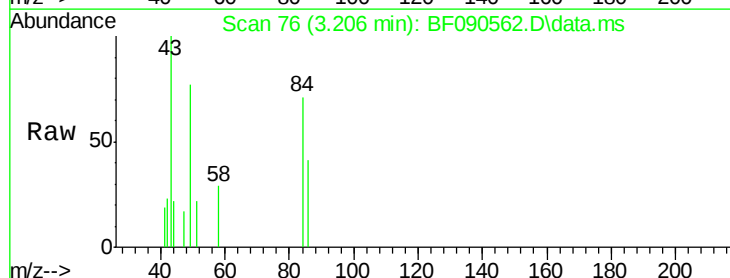
Tgt Ion: 42 Resp: 696

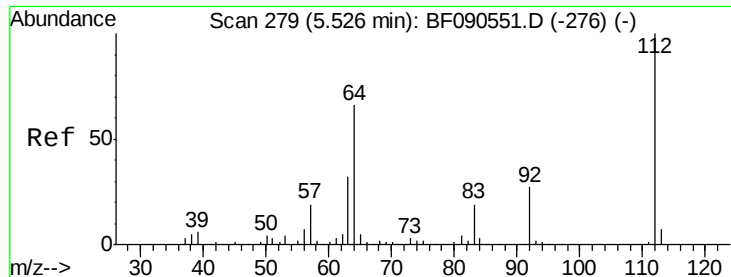
Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

44 98.7 6.0 9.0#

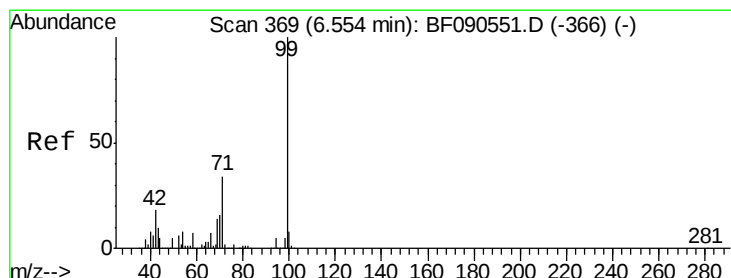
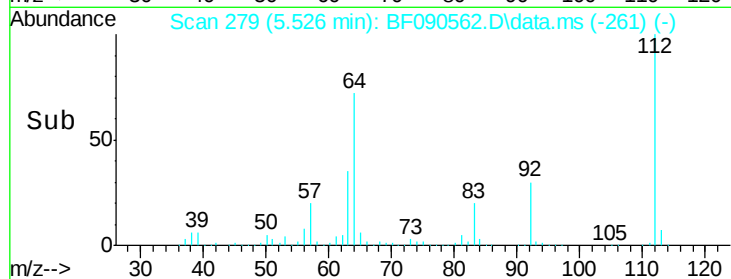
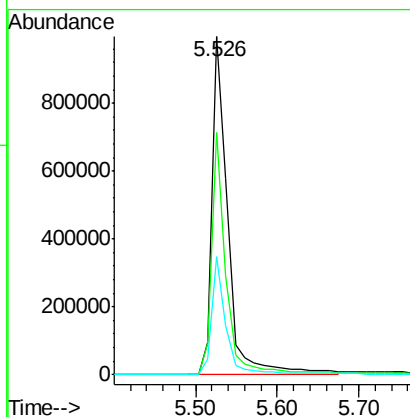
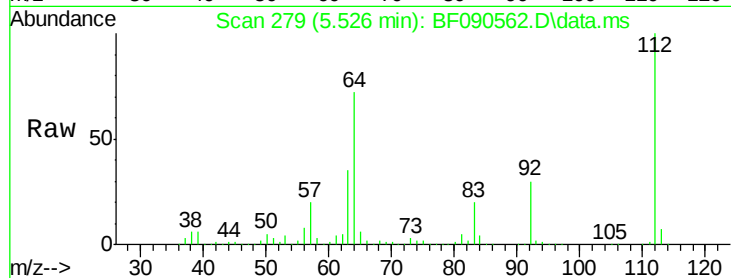




#5
 2-Fluorophenol
 Concen: 130.41 ng
 RT: 5.526 min Scan# 279
 Delta R.T. 0.001 min
 Lab File: BF090562.D
 Acq: 14 Oct 2016 11:34

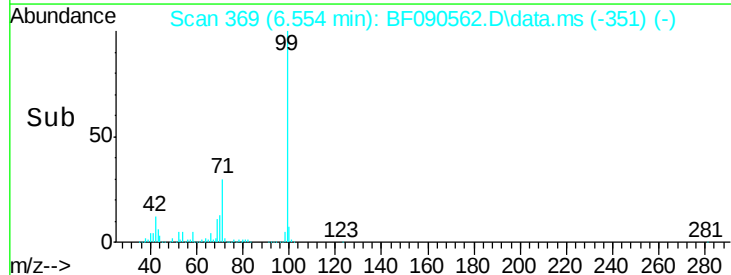
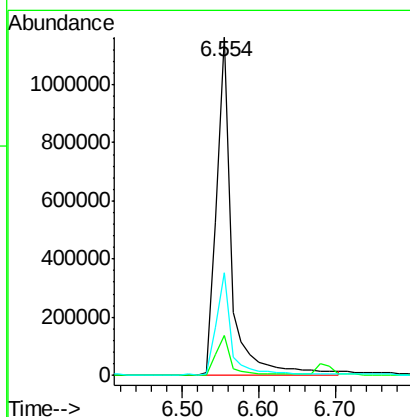
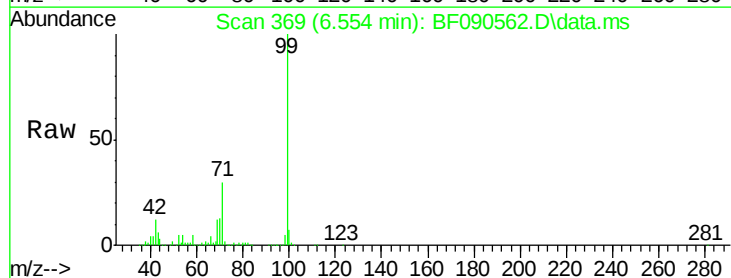
Instrument :
 BNA_F
 ClientSampleId :
 MJSB-17(16-17)

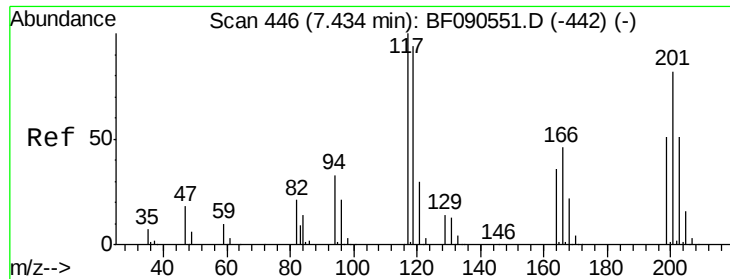
Tot Ion:112 Resp: 135536
 Ion Ratio Lower Upper
 112 100
 64 71.8 52.6 78.8
 63 34.9 26.0 39.0



#7
 Phenol-d6
 Concen: 103.22 ng
 RT: 6.554 min Scan# 369
 Delta R.T. 0.000 min
 Lab File: BF090562.D
 Acq: 14 Oct 2016 11:34

Tgt Ion: 99 Resp: 1594237
 Ion Ratio Lower Upper
 99 100
 42 11.9 14.7 22.1#
 71 30.2 27.6 41.4





#18

Hexachloroethane

Concen: 4.93 ng

RT: 7.492 min Scan# 451

Delta R.T. 0.057 min

Lab File: BF090562.D

Acq: 14 Oct 2016 11:34

Instrument :

BNA_F

ClientSampleId :

MJSB-17(16-17)

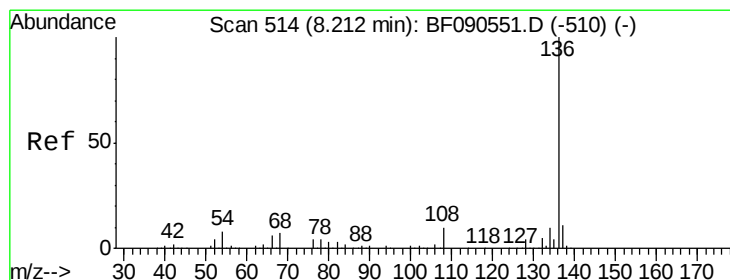
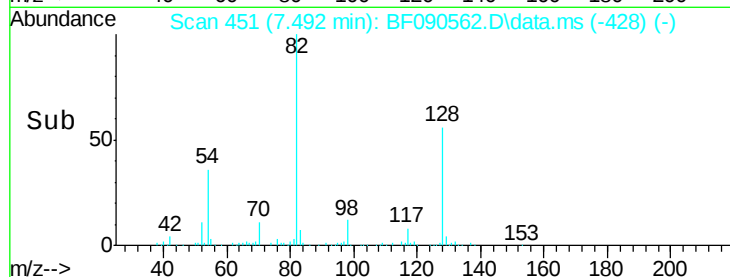
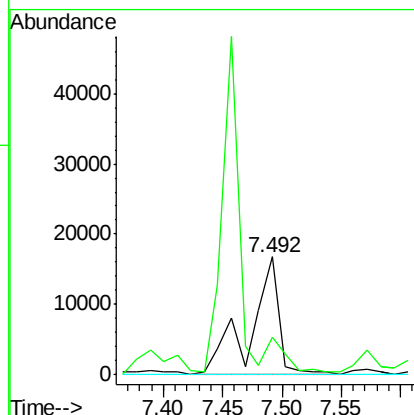
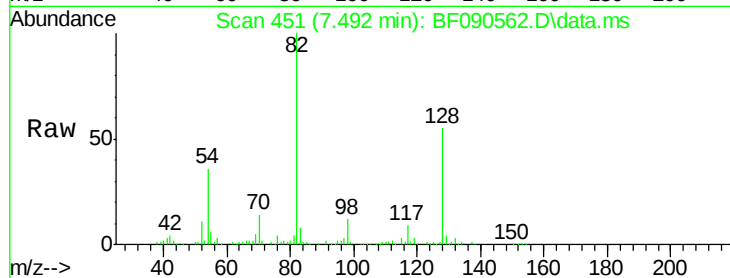
Tot Ion:117 Resp: 28475

Ion Ratio Lower Upper

117 100

119 32.0 75.6 113.4#

201 0.0 65.4 98.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.200 min Scan# 513

Delta R.T. -0.011 min

Lab File: BF090562.D

Acq: 14 Oct 2016 11:34

Tgt Ion:136 Resp: 793868

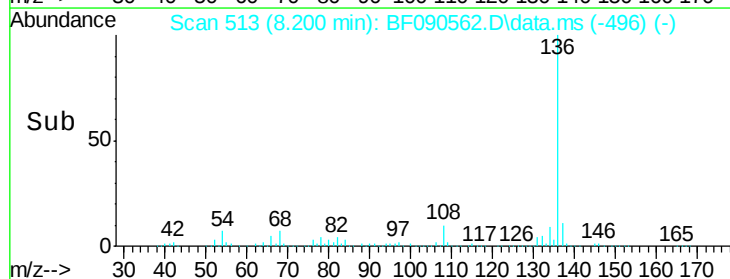
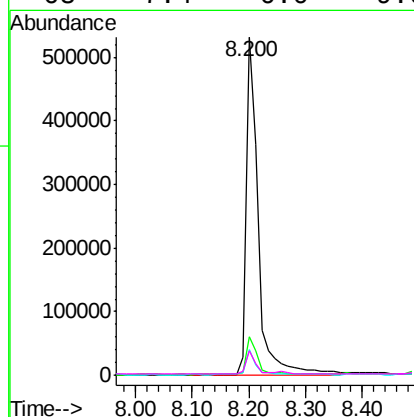
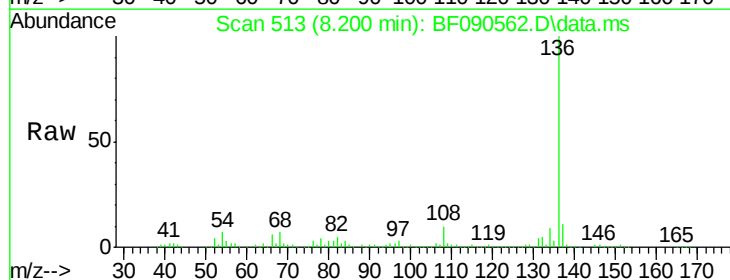
Ion Ratio Lower Upper

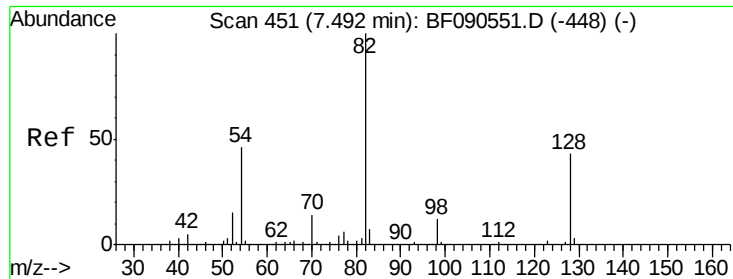
136 100

137 11.4 8.8 13.2

54 7.5 6.8 10.2

68 7.4 6.0 9.0

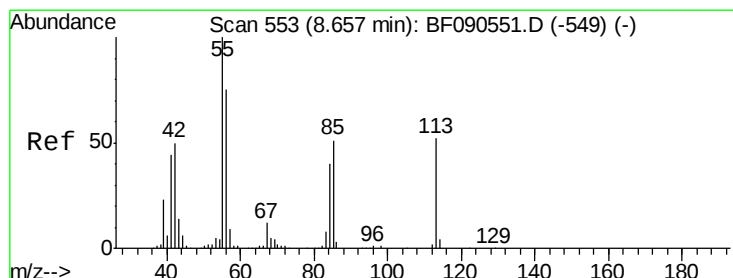
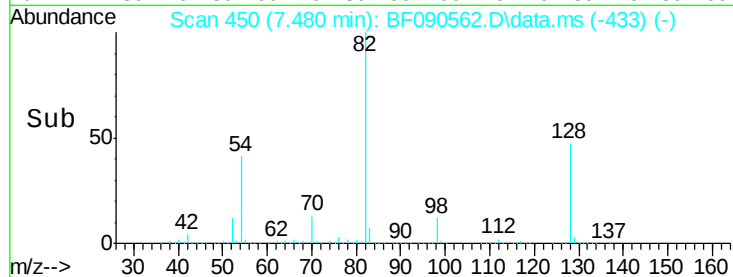
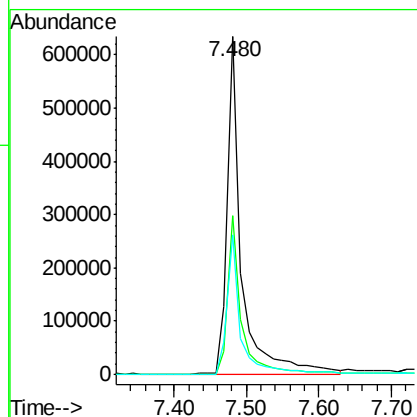
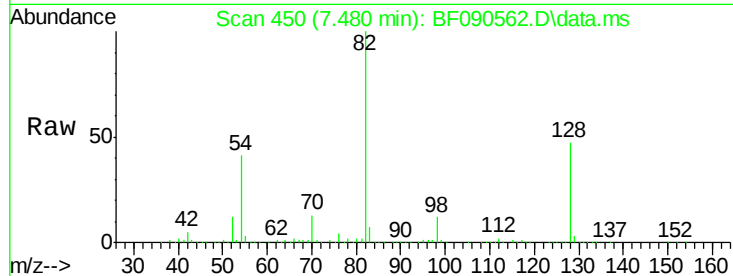




#23
Nitrobenzene-d5
Concen: 60.87 ng
RT: 7.480 min Scan# 45
Delta R.T. -0.011 min
Lab File: BF090562.D
Acq: 14 Oct 2016 11:34

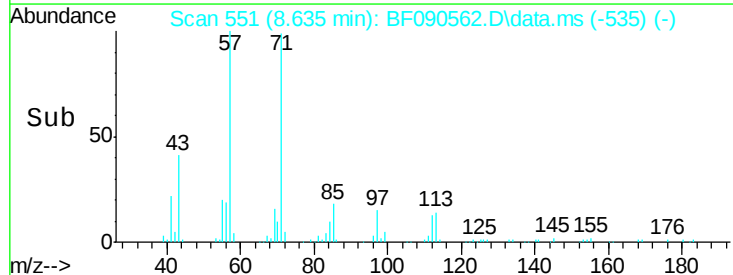
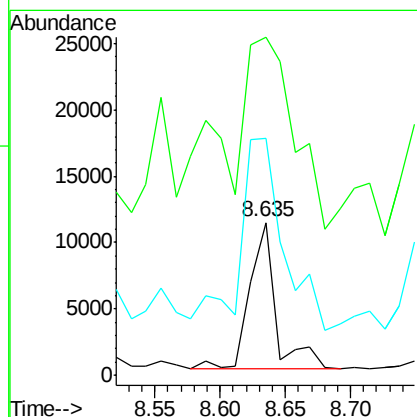
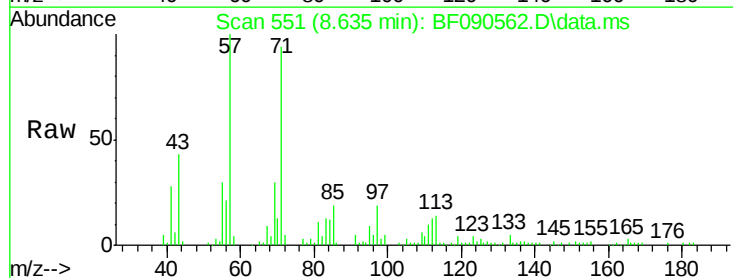
Instrument :
BNA_F
ClientSampleId :
MJSB-17(16-17)

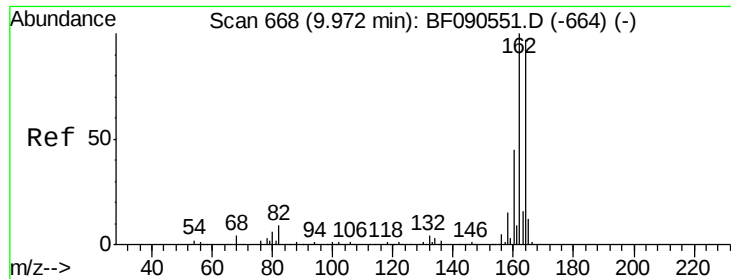
Tot Ion: 82 Resp: 869910
Ion Ratio Lower Upper
82 100
128 47.1 34.3 51.5
54 41.3 37.0 55.6



#35
Caprolactam
Concen: 5.71 ng
RT: 8.635 min Scan# 551
Delta R.T. -0.023 min
Lab File: BF090562.D
Acq: 14 Oct 2016 11:34

Tgt Ion: 113 Resp: 15409
Ion Ratio Lower Upper
113 100
55 221.4 170.8 210.8#
56 155.0 122.4 162.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.961 min Scan# 66

Delta R.T. -0.011 min

Lab File: BF090562.D

Acq: 14 Oct 2016 11:34

Instrument :

BNA_F

ClientSampleId :

MJSB-17(16-17)

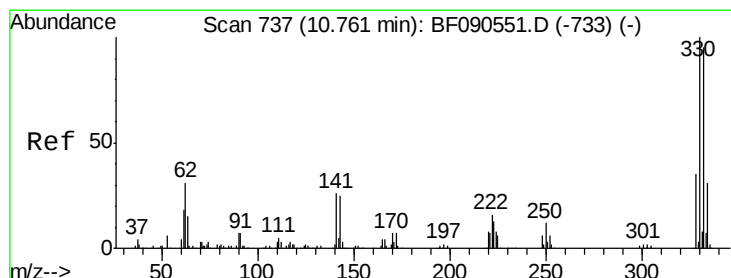
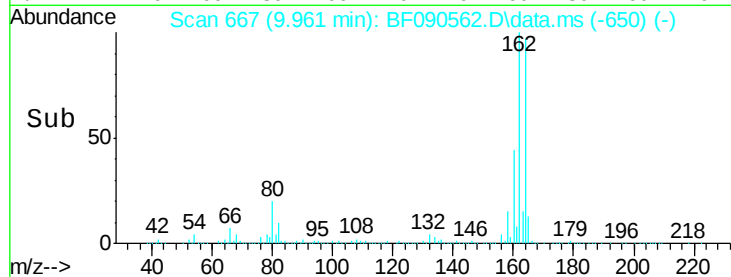
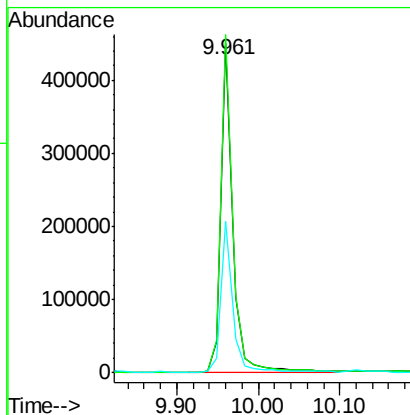
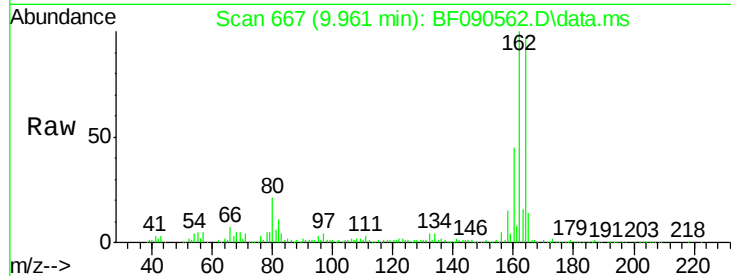
Tot Ion:164 Resp: 446980

Ion Ratio Lower Upper

164 100

162 102.6 82.2 123.4

160 45.7 36.6 55.0



#41

2,4,6-Tribromophenol

Concen: 115.90 ng

RT: 10.761 min Scan# 737

Delta R.T. 0.000 min

Lab File: BF090562.D

Acq: 14 Oct 2016 11:34

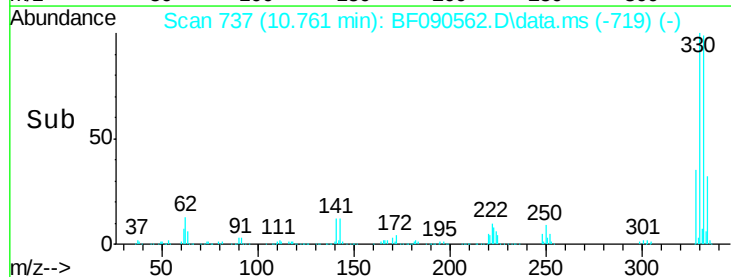
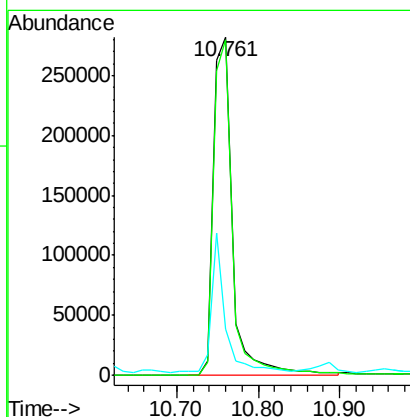
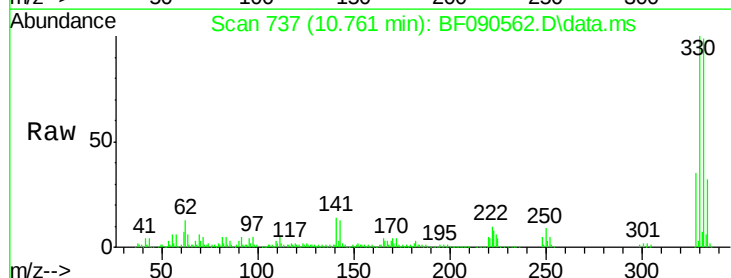
Tgt Ion:330 Resp: 461845

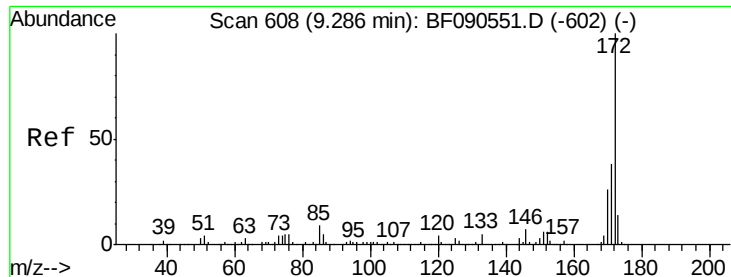
Ion Ratio Lower Upper

330 100

332 97.4 76.2 114.2

141 29.7 31.4 47.2#





#44

2-Fluorobiphenyl

Concen: 64.49 ng

RT: 9.286 min Scan# 60

Delta R.T. 0.000 min

Lab File: BF090562.D

Acq: 14 Oct 2016 11:34

Instrument :

BNA_F

ClientSampleId :

MJSB-17(16-17)

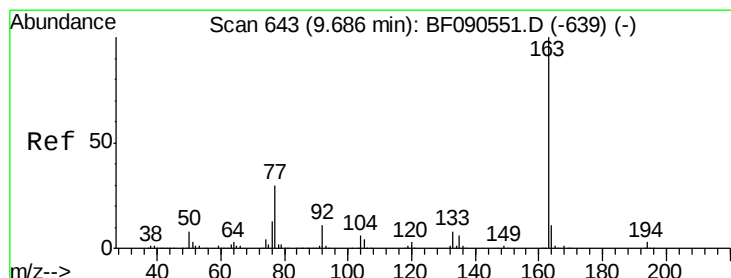
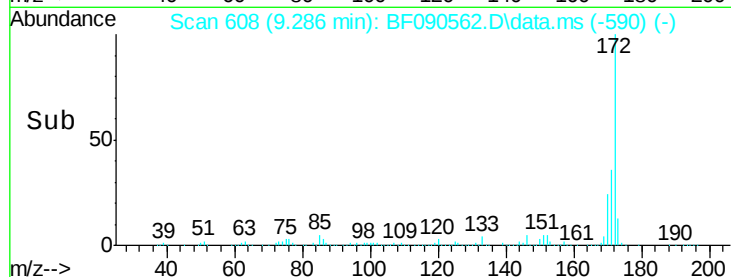
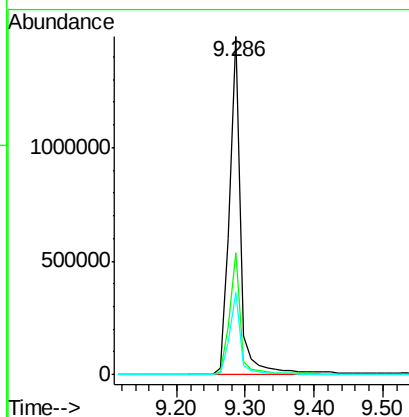
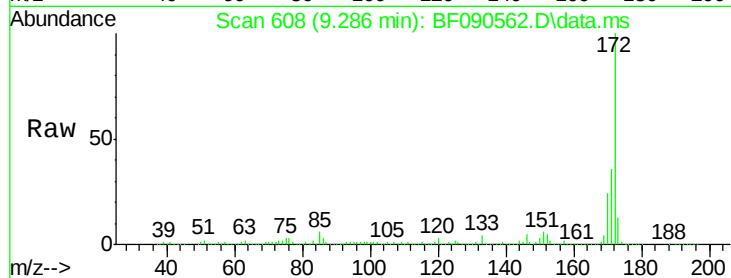
Tot Ion:172 Resp: 1749364

Ion Ratio Lower Upper

172 100

171 36.1 30.1 45.1

170 24.1 20.6 30.8



#49

Dimethylphthalate

Concen: 18.73 ng

RT: 9.675 min Scan# 642

Delta R.T. -0.011 min

Lab File: BF090562.D

Acq: 14 Oct 2016 11:34

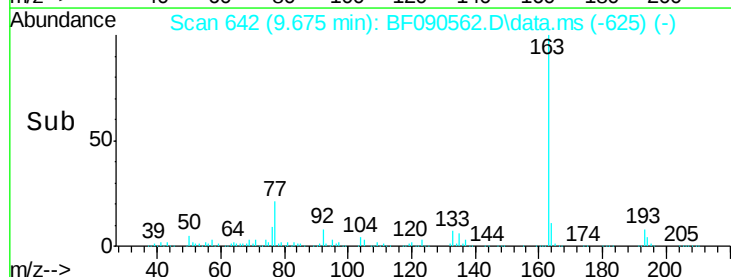
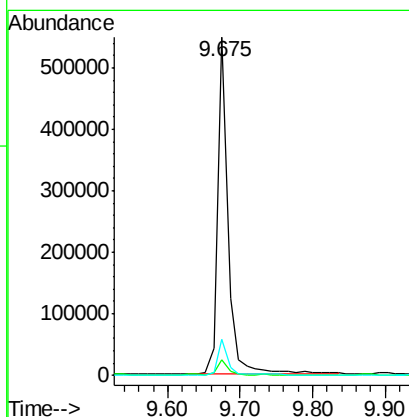
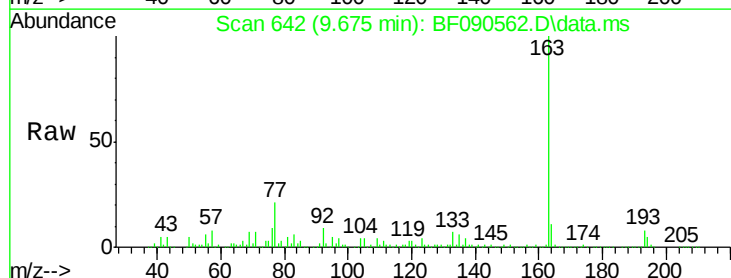
Tgt Ion:163 Resp: 543279

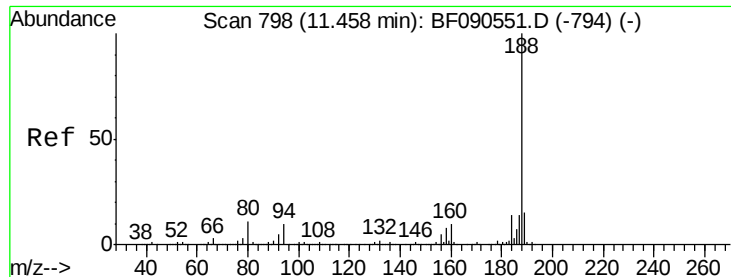
Ion Ratio Lower Upper

163 100

194 4.6 2.3 3.5#

164 10.6 8.6 13.0

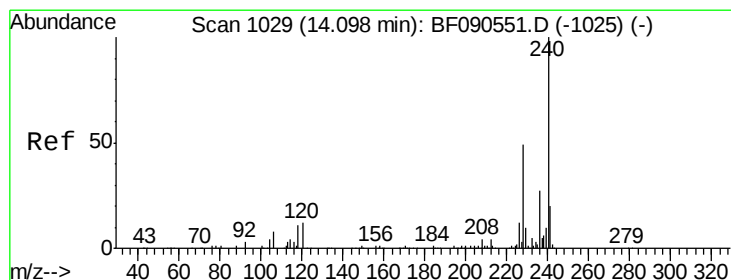
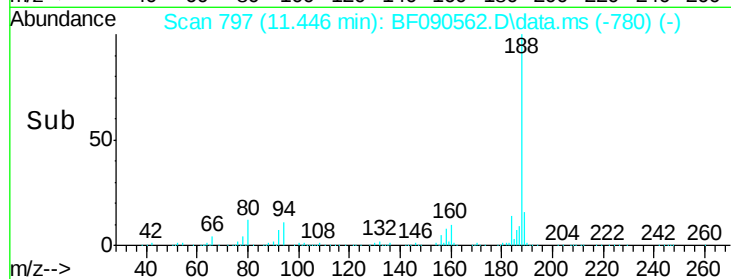
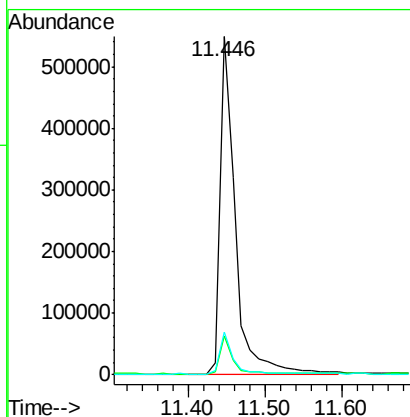
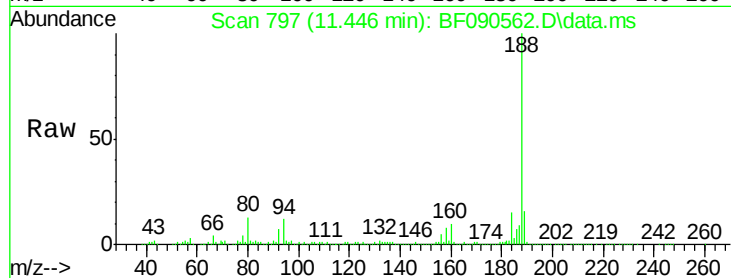




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.446 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF090562.D
Acq: 14 Oct 2016 11:34

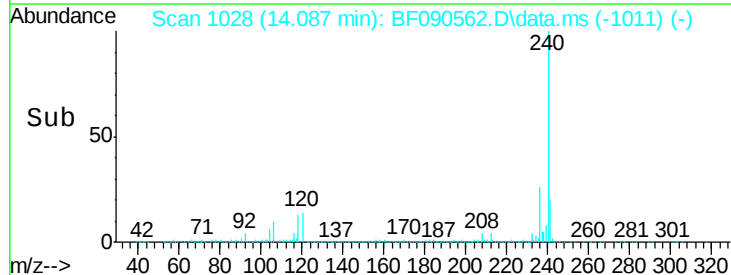
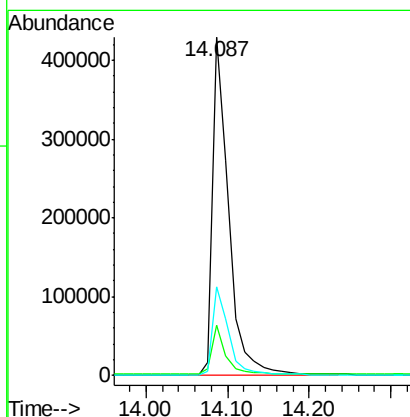
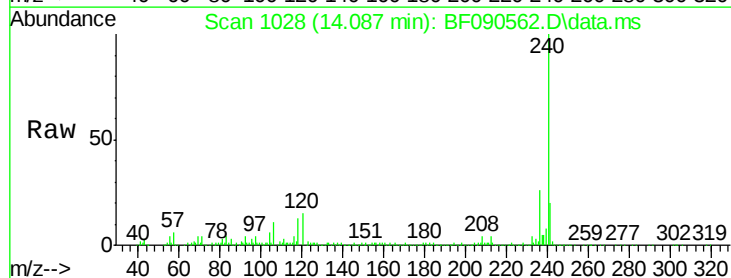
Instrument :
BNA_F
ClientSampleId :
MJSB-17(16-17)

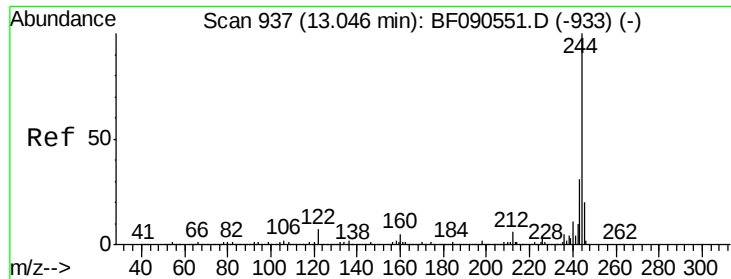
Tot Ion:188 Resp: 761968
Ion Ratio Lower Upper
188 100
94 11.6 7.7 11.5#
80 12.6 8.6 12.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.087 min Scan# 1028
Delta R.T. -0.011 min
Lab File: BF090562.D
Acq: 14 Oct 2016 11:34

Tgt Ion:240 Resp: 599177
Ion Ratio Lower Upper
240 100
120 14.7 9.8 14.8
236 26.1 21.7 32.5





#78

Terphenyl-d14

Concen: 63.47 ng

RT: 13.035 min Scan# 93

Delta R.T. -0.011 min

Lab File: BF090562.D

Acq: 14 Oct 2016 11:34

Instrument :

BNA_F

ClientSampleId :

MJSB-17(16-17)

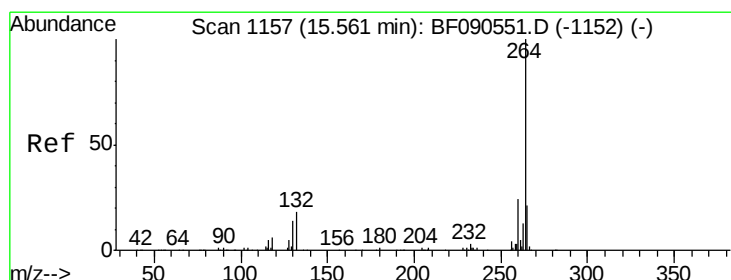
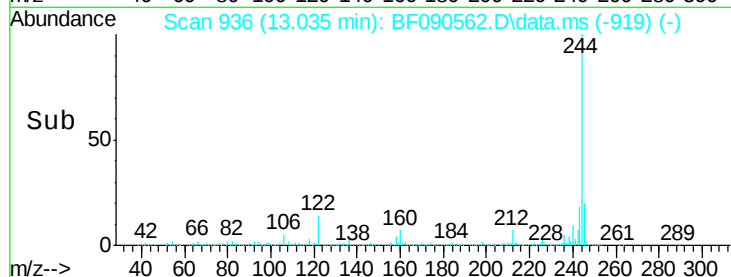
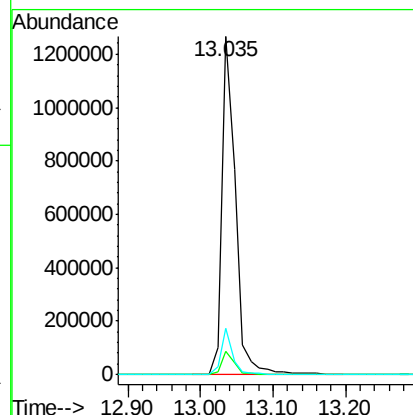
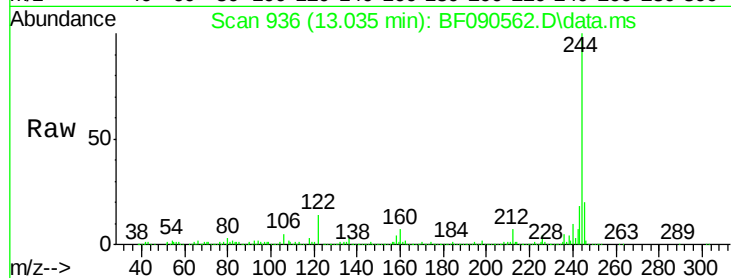
Tot Ion:244 Resp: 1633408

Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

122 13.7 5.6 8.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.550 min Scan# 1156

Delta R.T. -0.011 min

Lab File: BF090562.D

Acq: 14 Oct 2016 11:34

Tgt Ion:264 Resp: 445782

Ion Ratio Lower Upper

264 100

260 24.1 19.3 28.9

265 22.1 16.7 25.1

