

Data Path : Z:\HPCHEM1\BNA F\Data\BF101716\
 Data File : BF090602.D
 Acq On : 17 Oct 2016 12:06
 Operator : UM/SJ
 Sample : PB94073BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BL

Quant Time: Oct 17 15:48:42 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 12:44:45 2016
 Response via : Initial Calibration

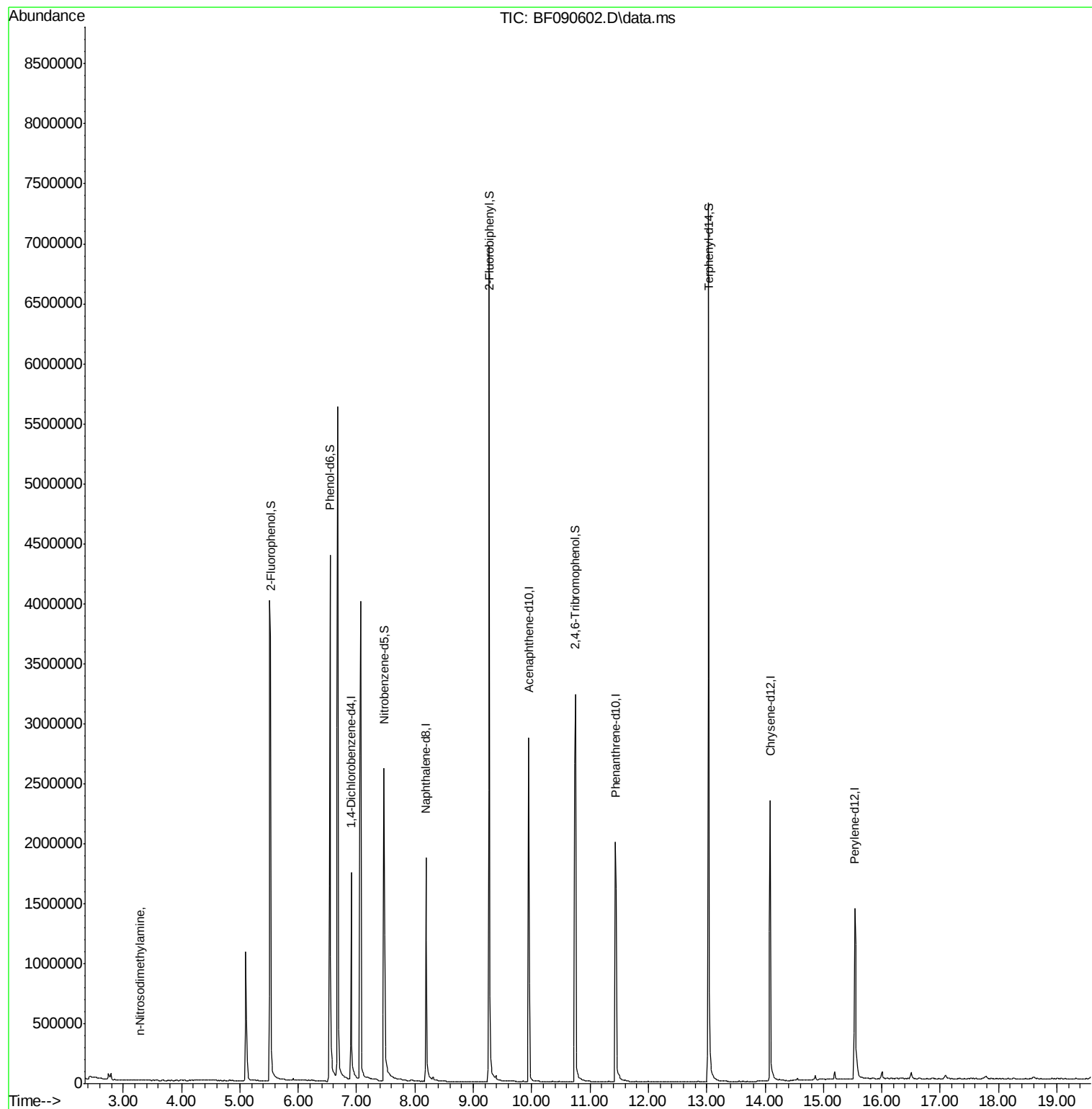
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.909	152	312397	20.00	ng	-0.01
21) Naphthalene-d8	8.189	136	1239680	20.00	ng	-0.02
38) Acenaphthene-d10	9.949	164	657790	20.00	ng	-0.02
63) Phenanthrene-d10	11.435	188	1122335	20.00	ng	-0.02
75) Chrysene-d12	14.086	240	1055308	20.00	ng	-0.01
86) Perylene-d12	15.538	264	806605	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	1845296	108.29	ng	0.00
7) Phenol-d6	6.543	99	2132079	84.20	ng	-0.01
23) Nitrobenzene-d5	7.469	82	1374046	61.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.749	330	635500	108.36	ng	-0.01
44) 2-Fluorobiphenyl	9.275	172	2464125	61.72	ng	-0.01
78) Terphenyl-d14	13.035	244	2756002	60.81	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.285	42	346	7.21	ng	Qvalue # 1

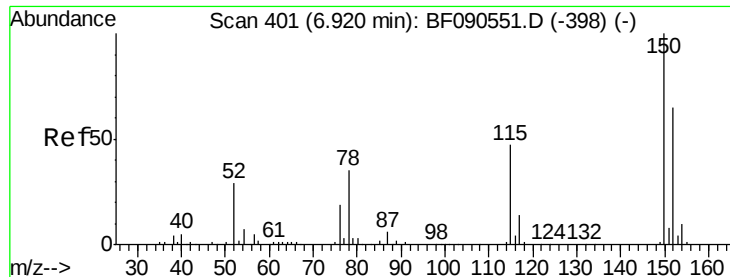
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.909 min Scan# 40

Delta R.T. -0.012 min

Lab File: BF090602.D

Acq: 17 Oct 2016 12:06

Instrument :

BNA_F

ClientSampleId :

PB94073BL

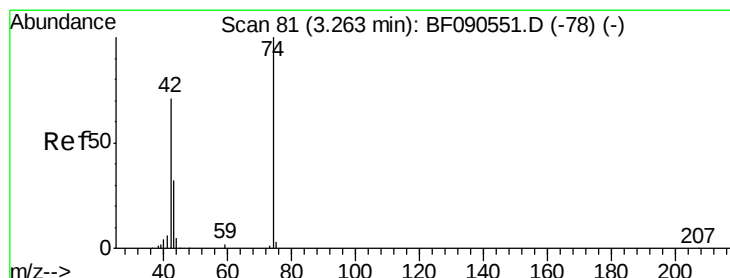
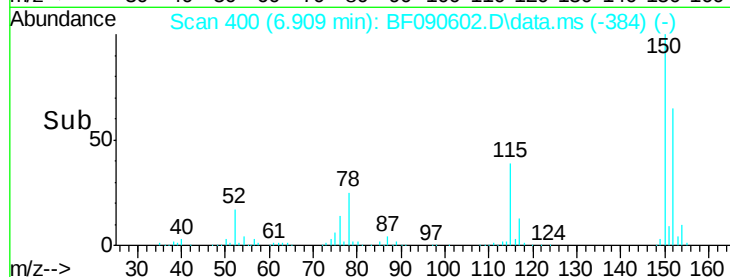
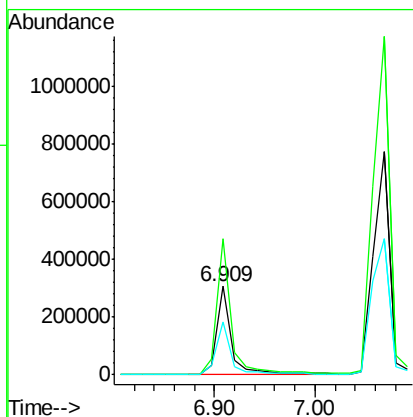
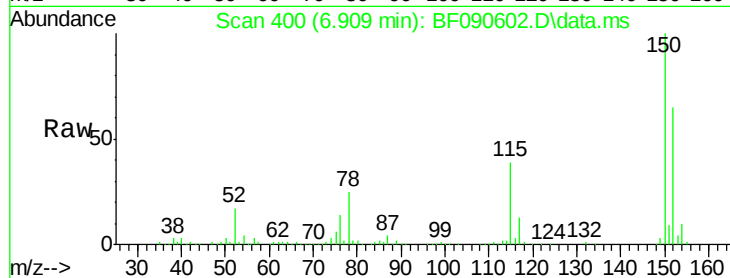
Tot Ion:152 Resp: 312397

Ion Ratio Lower Upper

152 100

150 154.2 127.2 190.8

115 60.3 58.6 88.0



#4

n-Nitrosodimethylamine

Concen: 7.21 ng

RT: 3.285 min Scan# 83

Delta R.T. 0.023 min

Lab File: BF090602.D

Acq: 17 Oct 2016 12:06

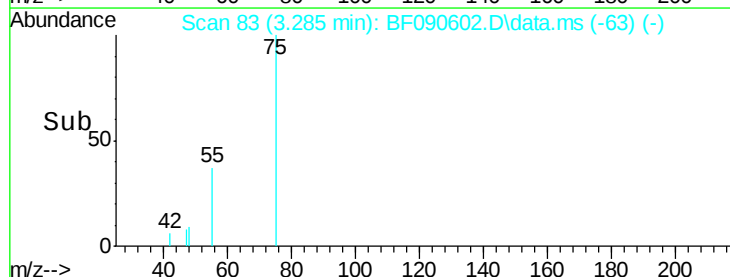
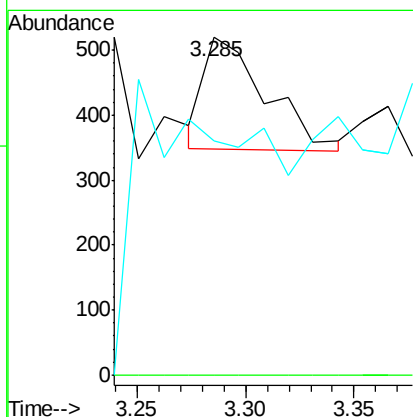
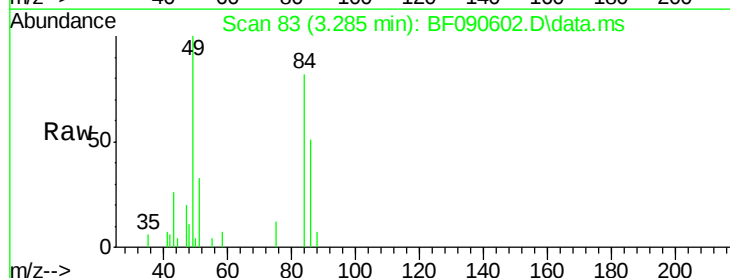
Tgt Ion: 42 Resp: 346

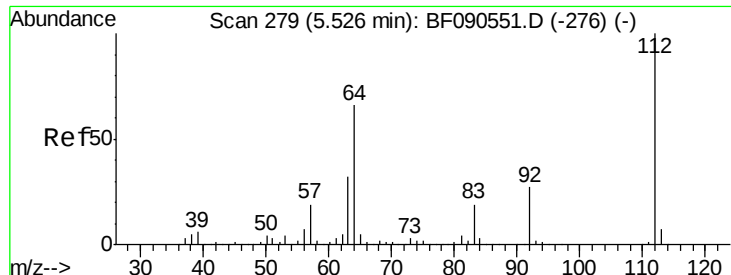
Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

44 69.2 6.0 9.0#





#5

2-Fluorophenol

Concen: 108.29 ng

RT: 5.526 min Scan# 27

Delta R.T. 0.001 min

Lab File: BF090602.D

Acq: 17 Oct 2016 12:06

Instrument :

BNA_F

ClientSampleId :

PB94073BL

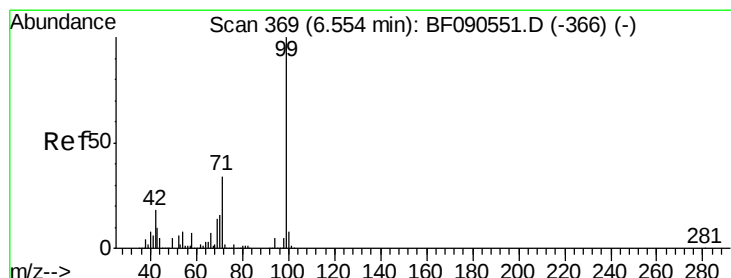
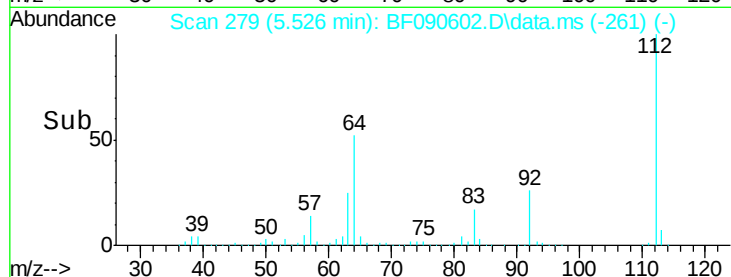
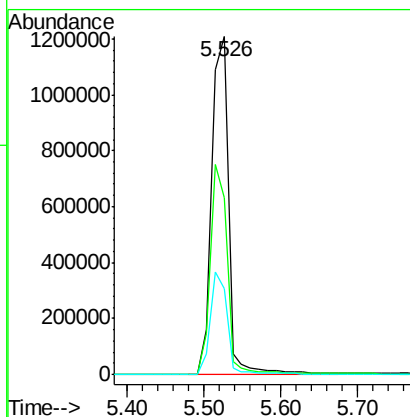
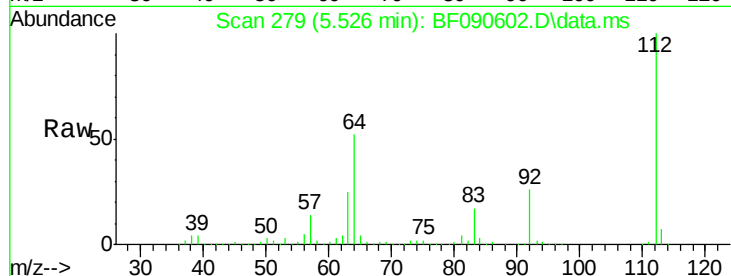
Tot Ion:112 Resp: 1845296

Ion Ratio Lower Upper

112 100

64 52.3 52.6 78.8#

63 25.4 26.0 39.0#



#7

Phenol-d6

Concen: 84.20 ng

RT: 6.543 min Scan# 368

Delta R.T. -0.012 min

Lab File: BF090602.D

Acq: 17 Oct 2016 12:06

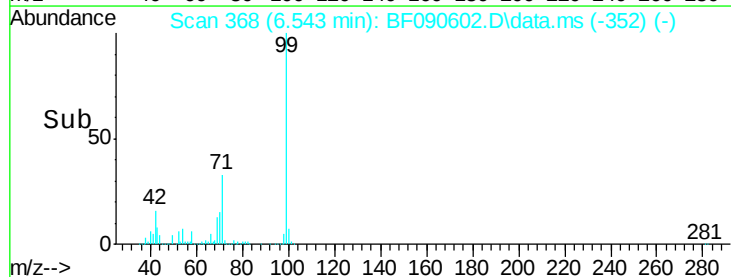
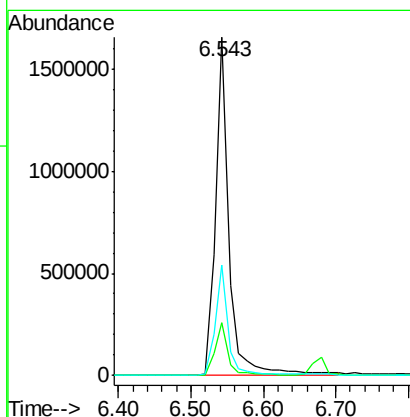
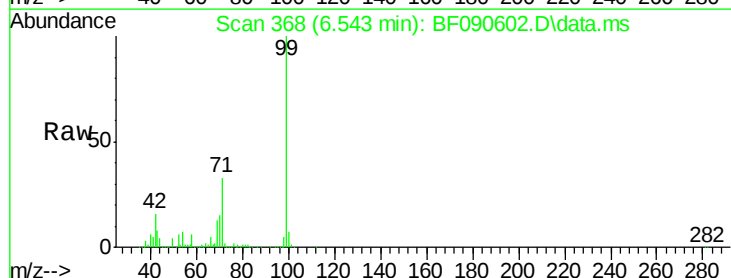
Tgt Ion: 99 Resp: 2132079

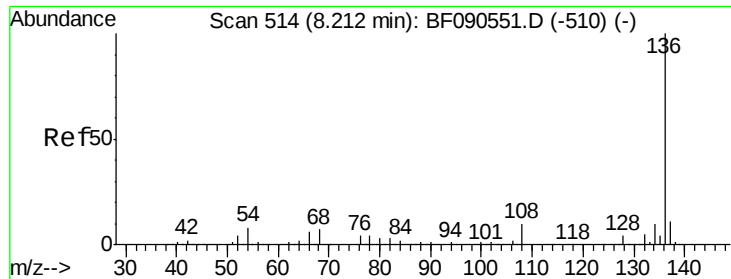
Ion Ratio Lower Upper

99 100

42 15.6 14.7 22.1

71 32.6 27.6 41.4

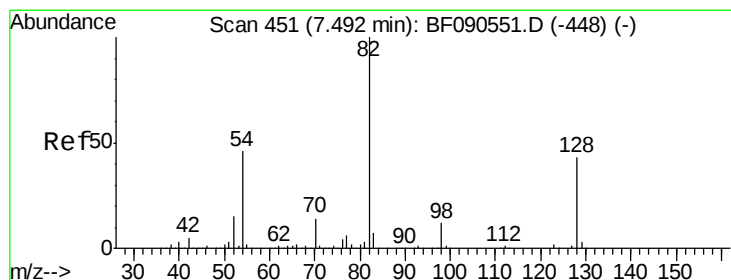
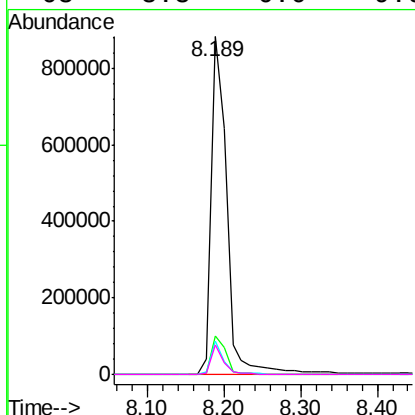
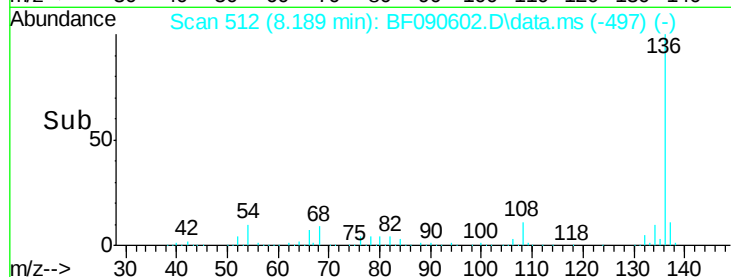
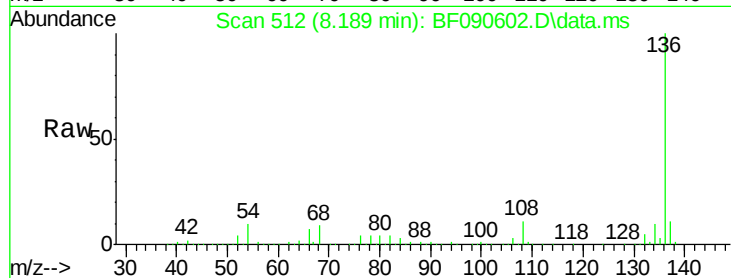




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.189 min Scan# 51
Delta R.T. -0.023 min
Lab File: BF090602.D
Acq: 17 Oct 2016 12:06

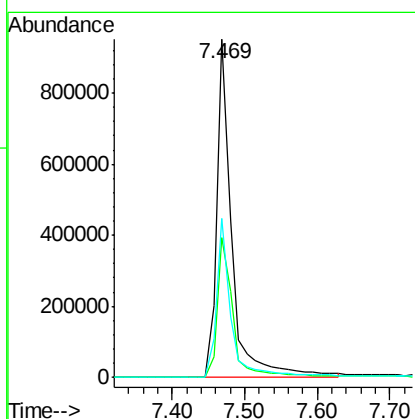
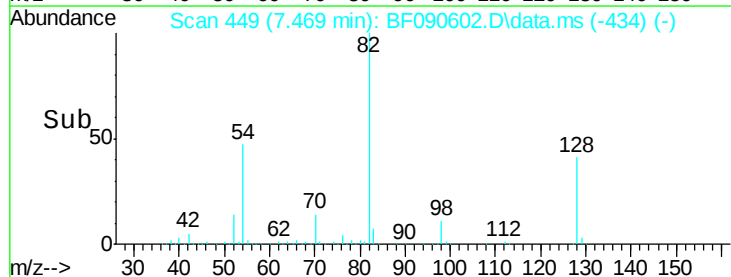
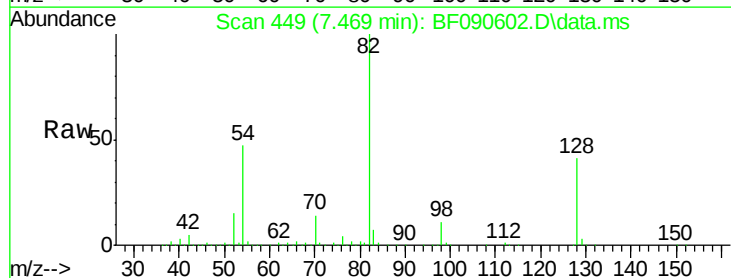
Instrument :
BNA_F
ClientSampleId :
PB94073BL

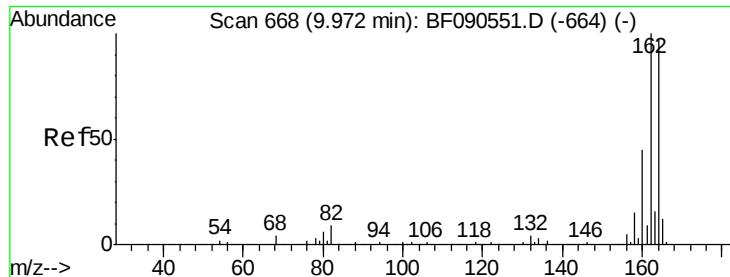
Tot Ion:136 Resp: 1239680
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 9.8 6.8 10.2
68 8.8 6.0 9.0



#23
Nitrobenzene-d5
Concen: 61.57 ng
RT: 7.469 min Scan# 449
Delta R.T. -0.023 min
Lab File: BF090602.D
Acq: 17 Oct 2016 12:06

Tgt Ion: 82 Resp: 1374046
Ion Ratio Lower Upper
82 100
128 41.2 34.3 51.5
54 47.2 37.0 55.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.949 min Scan# 66

Delta R.T. -0.023 min

Lab File: BF090602.D

Acq: 17 Oct 2016 12:06

Instrument :

BNA_F

ClientSampleId :

PB94073BL

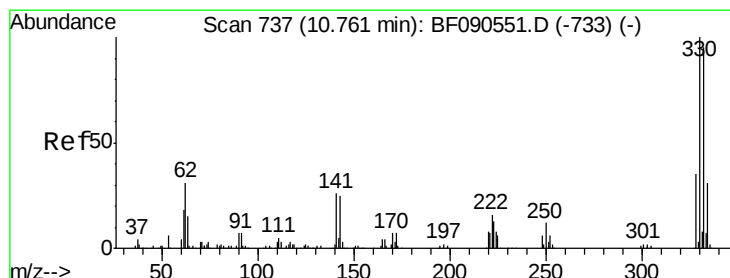
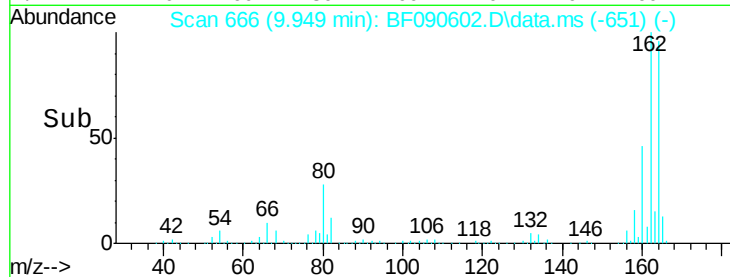
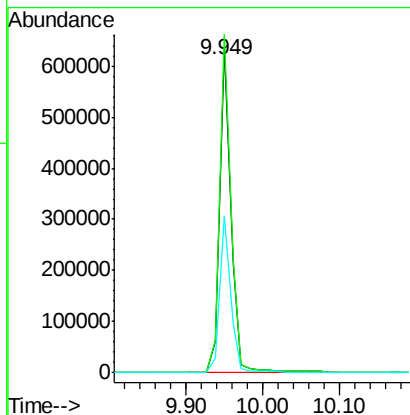
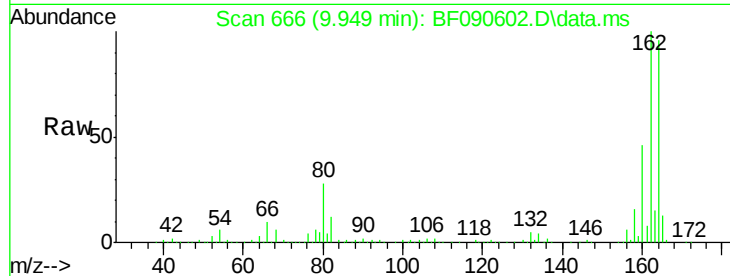
Tot Ion:164 Resp: 657790

Ion Ratio Lower Upper

164 100

162 104.3 82.2 123.4

160 48.1 36.6 55.0



#41

2,4,6-Tribromophenol

Concen: 108.36 ng

RT: 10.749 min Scan# 736

Delta R.T. -0.012 min

Lab File: BF090602.D

Acq: 17 Oct 2016 12:06

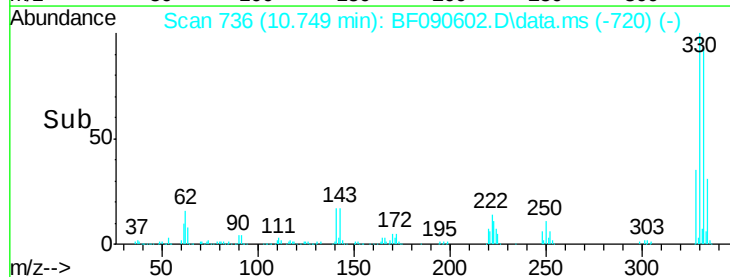
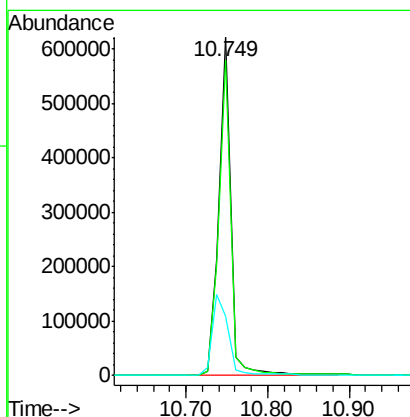
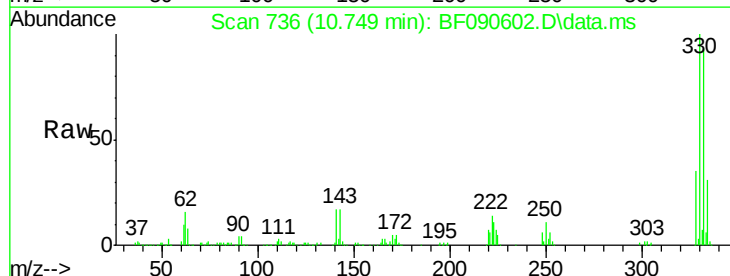
Tgt Ion:330 Resp: 635500

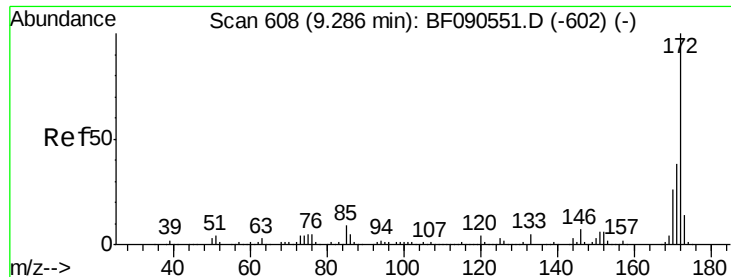
Ion Ratio Lower Upper

330 100

332 94.3 76.2 114.2

141 33.0 31.4 47.2



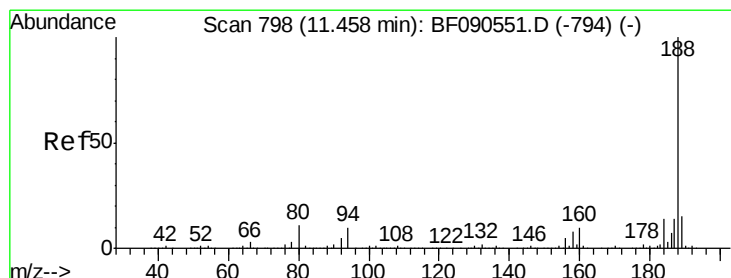
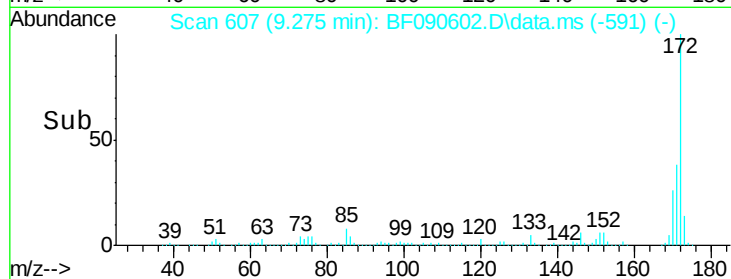
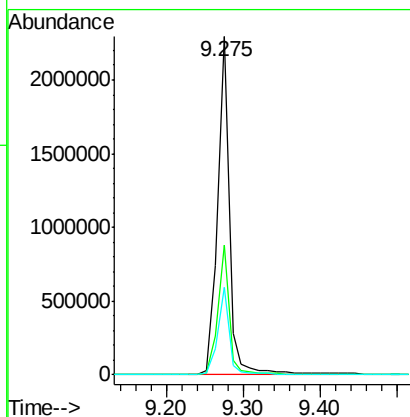
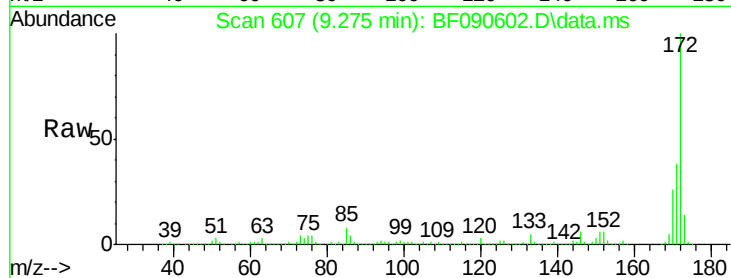


#44
 2-Fluorobiphenyl
 Concen: 61.72 ng
 RT: 9.275 min Scan# 60
 Delta R.T. -0.012 min
 Lab File: BF090602.D
 Acq: 17 Oct 2016 12:06

Instrument :
 BNA_F
 ClientSampleId :
 PB94073BL

Tot Ion:172 Resp: 2464125

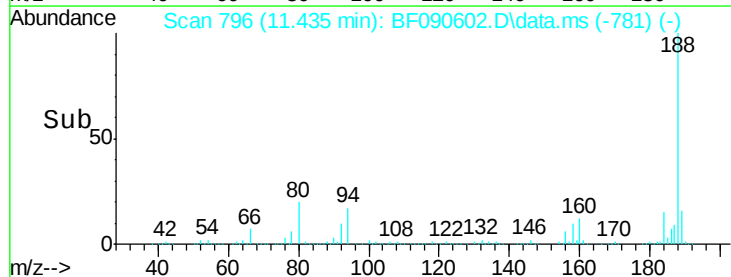
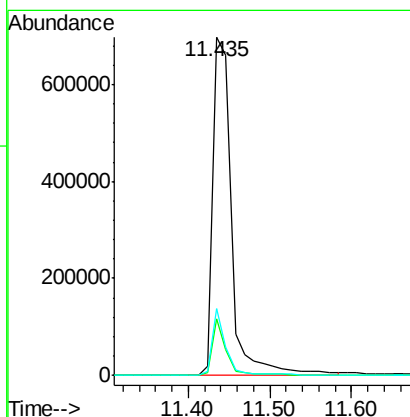
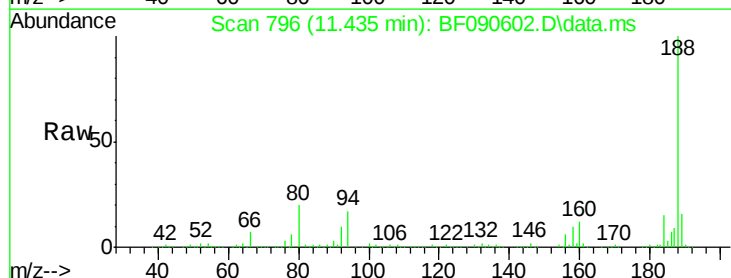
Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.1	45.1
170	26.0	20.6	30.8

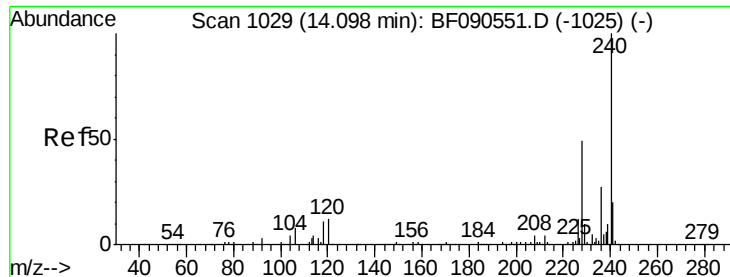


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.435 min Scan# 796
 Delta R.T. -0.023 min
 Lab File: BF090602.D
 Acq: 17 Oct 2016 12:06

Tgt Ion:188 Resp: 1122335

Ion	Ratio	Lower	Upper
188	100		
94	16.9	7.7	11.5#
80	19.8	8.6	12.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.086 min Scan# 10

Delta R.T. -0.012 min

Lab File: BF090602.D

Acq: 17 Oct 2016 12:06

Instrument :

BNA_F

ClientSampleId :

PB94073BL

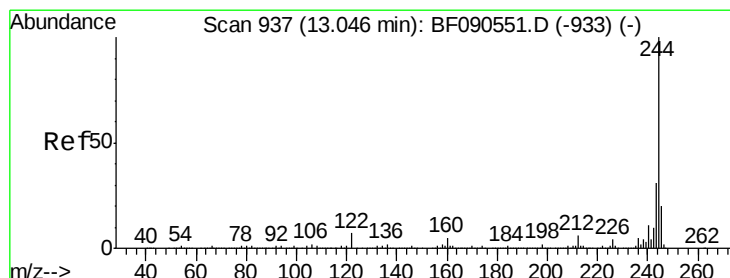
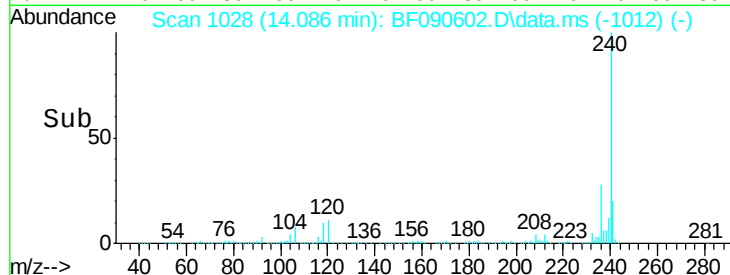
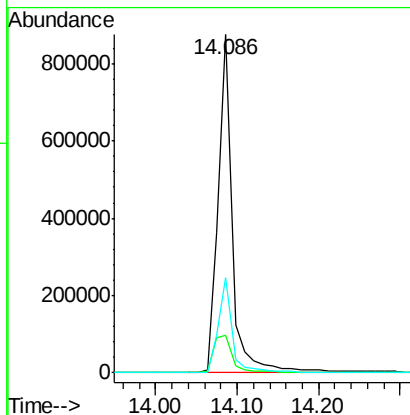
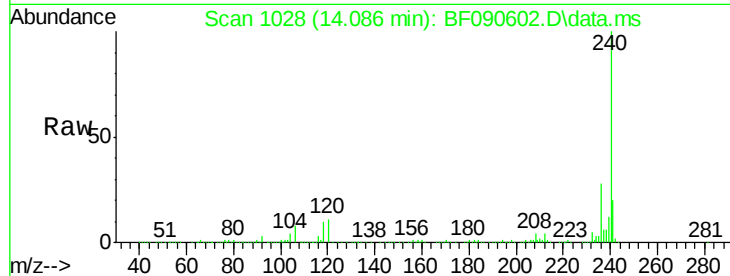
Tot Ion:240 Resp: 1055308

Ion Ratio Lower Upper

240 100

120 10.9 9.8 14.8

236 27.9 21.7 32.5



#78

Terphenyl-d14

Concen: 60.81 ng

RT: 13.035 min Scan# 936

Delta R.T. -0.012 min

Lab File: BF090602.D

Acq: 17 Oct 2016 12:06

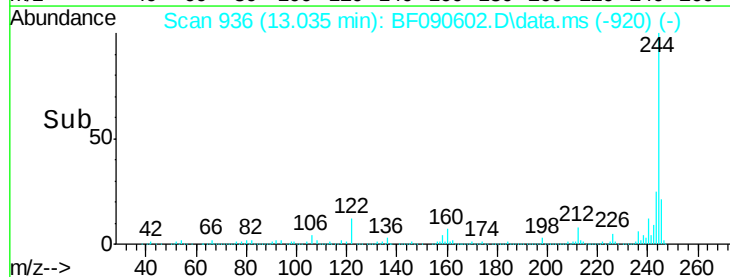
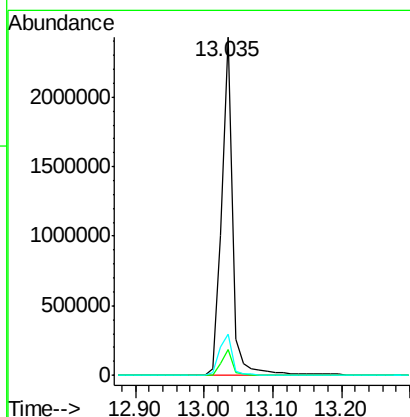
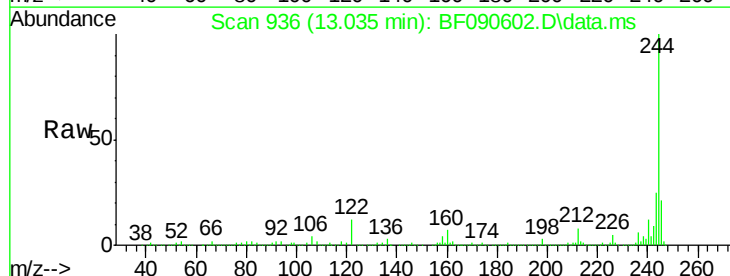
Tgt Ion:244 Resp: 2756002

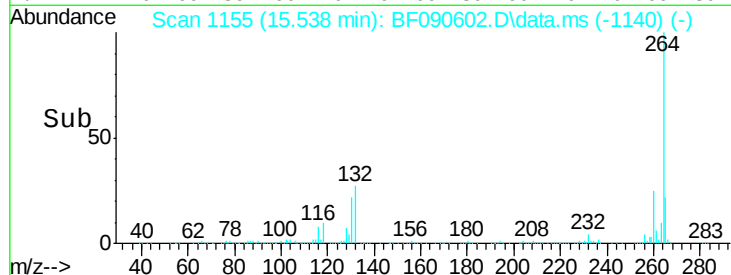
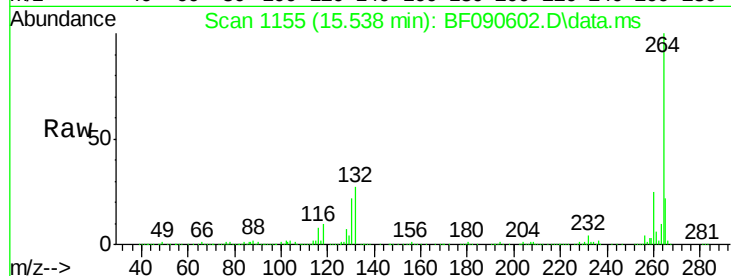
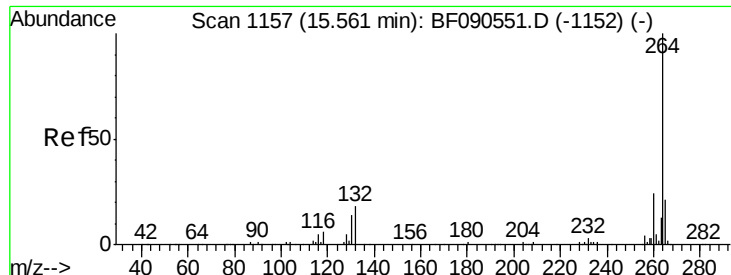
Ion Ratio Lower Upper

244 100

212 7.8 5.0 7.4#

122 12.1 5.6 8.4#





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.538 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF090602.D
Acq: 17 Oct 2016 12:06

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.3	28.9
265	22.2	16.7	25.1

Instrument :
BNA_F
ClientSampleId :
PB94073BL

