

Data Path : Z:\HPCHEM1\BNA F\Data\BF101716\
 Data File : BF090613.D
 Acq On : 17 Oct 2016 17:49
 Operator : UM/SJ
 Sample : H5193-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A5-A6-A5A-A6A

Quant Time: Oct 17 18:29:42 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

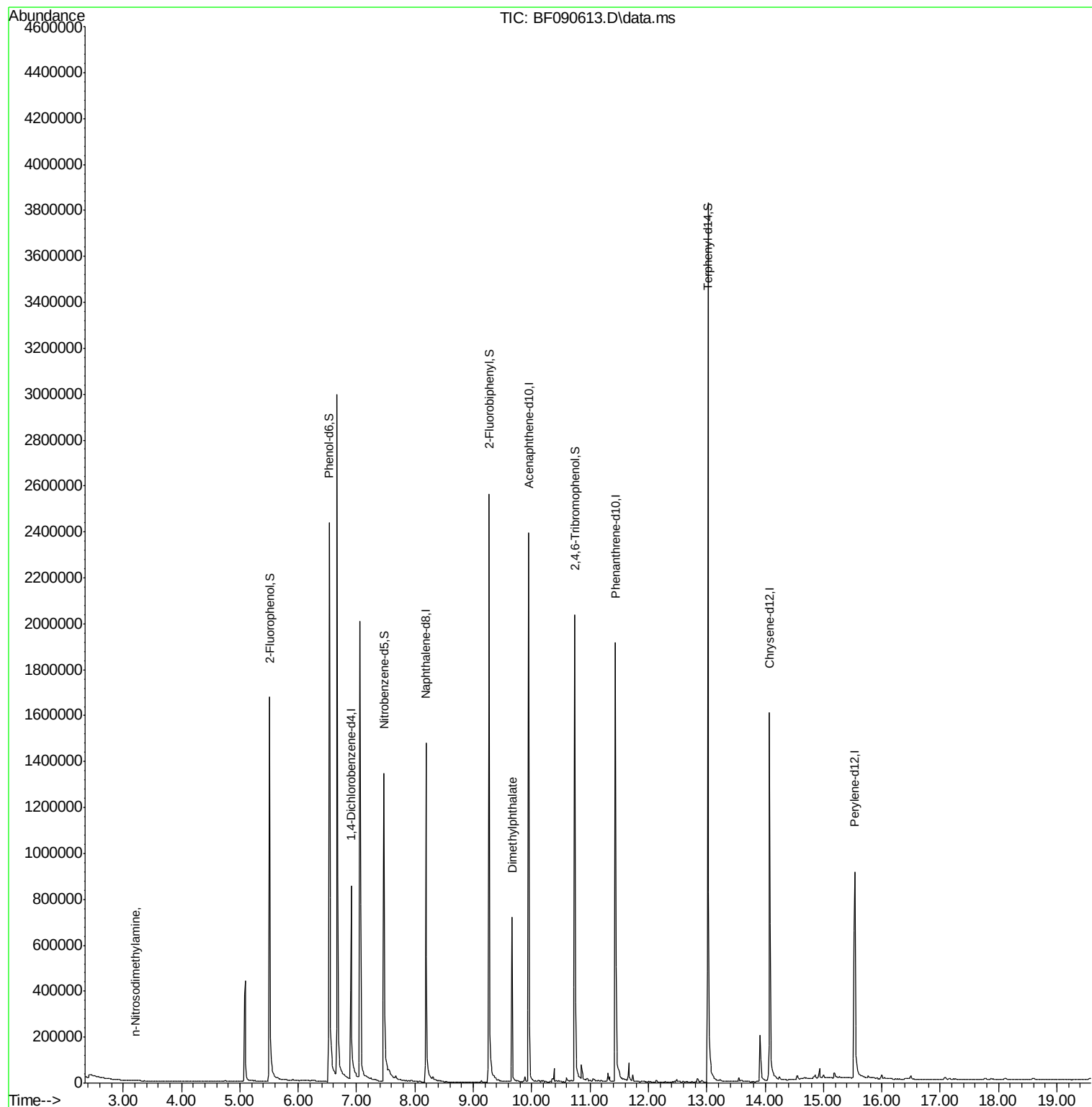
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.909	152	186498	20.00	ng	-0.01
21) Naphthalene-d8	8.189	136	829098	20.00	ng	-0.02
38) Acenaphthene-d10	9.949	164	482230	20.00	ng	-0.02
63) Phenanthrene-d10	11.435	188	765533	20.00	ng	-0.02
75) Chrysene-d12	14.075	240	662411	20.00	ng	-0.02
86) Perylene-d12	15.538	264	485845	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	795102	78.16	ng	-0.01
7) Phenol-d6	6.532	99	1055644	69.83	ng	-0.02
23) Nitrobenzene-d5	7.469	82	660142	44.23	ng	-0.02
41) 2,4,6-Tribromophenol	10.738	330	237043	55.14	ng	-0.02
44) 2-Fluorobiphenyl	9.275	172	1150228	39.30	ng	-0.01
78) Terphenyl-d14	13.024	244	1263593	44.42	ng	-0.02
Target Compounds						
4) n-Nitrosodimethylamine	3.217	42	681	7.29	ng	Qvalue # 1
49) Dimethylphthalate	9.663	163	278653	8.91	ng	98

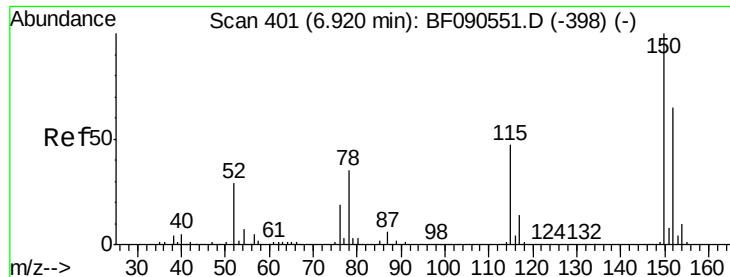
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.909 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF090613.D

Acq: 17 Oct 2016 17:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A5-A6-A5A-A6A

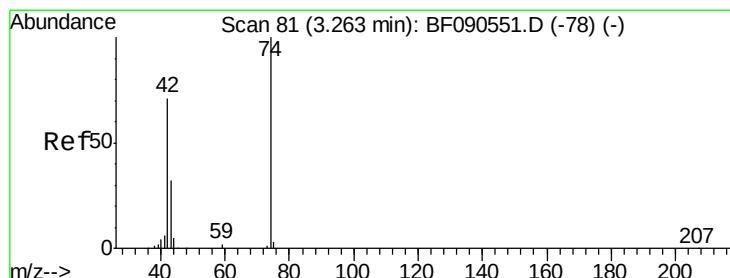
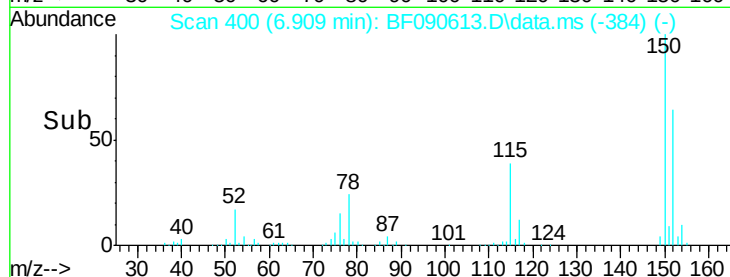
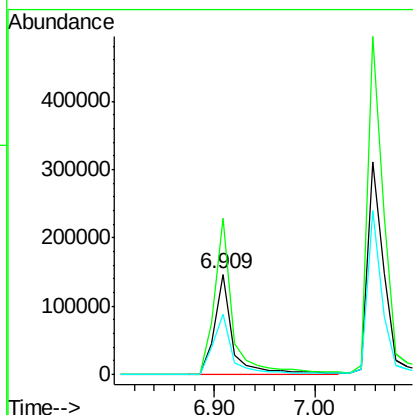
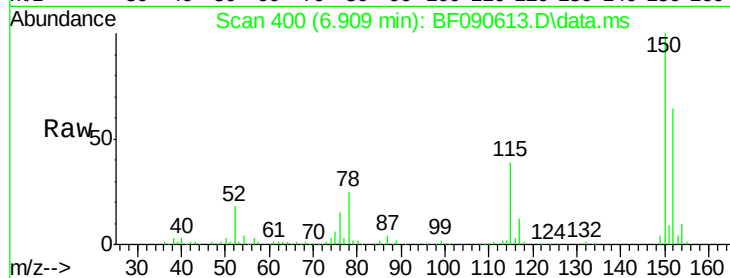
Tot Ion:152 Resp: 186498

Ion Ratio Lower Upper

152 100

150 156.1 127.2 190.8

115 60.4 58.6 88.0



#4

n-Nitrosodimethylamine

Concen: 7.29 ng

RT: 3.217 min Scan# 77

Delta R.T. -0.045 min

Lab File: BF090613.D

Acq: 17 Oct 2016 17:49

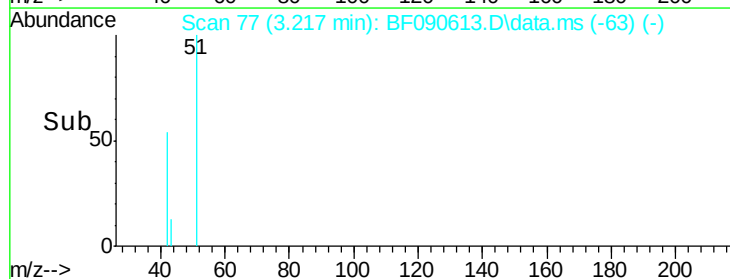
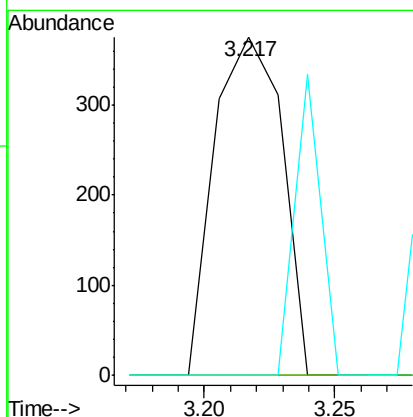
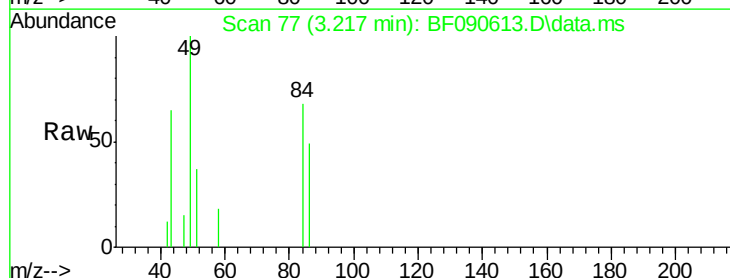
Tgt Ion: 42 Resp: 681

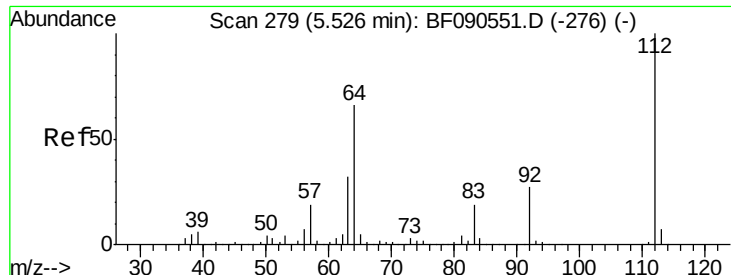
Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

44 0.0 6.0 9.0#





#5

2-Fluorophenol

Concen: 78.16 ng

RT: 5.514 min Scan# 27

Delta R.T. -0.011 min

Lab File: BF090613.D

Acq: 17 Oct 2016 17:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A5-A6-A5A-A6A

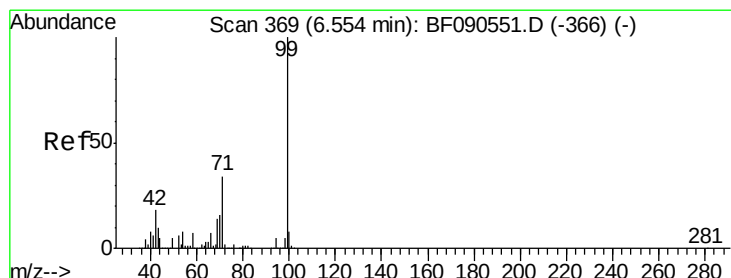
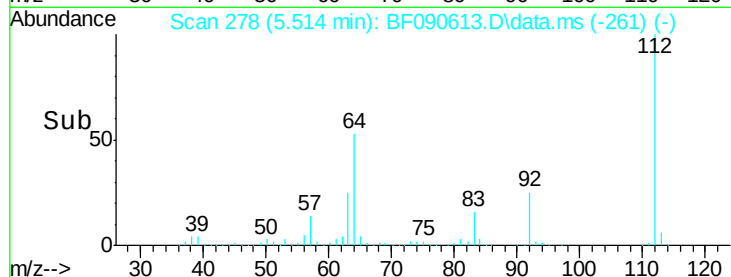
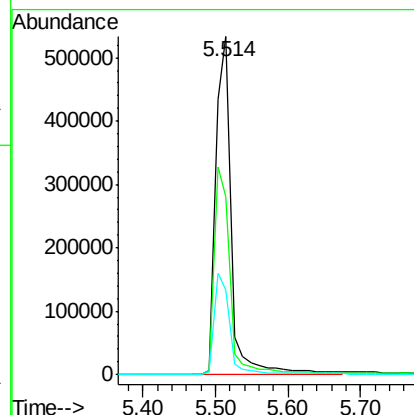
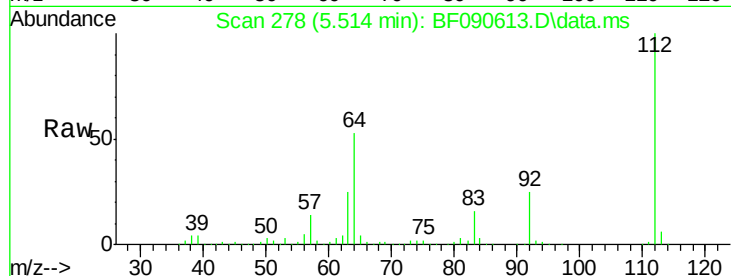
Tot Ion:112 Resp: 795102

Ion Ratio Lower Upper

112 100

64 52.8 52.6 78.8

63 25.1 26.0 39.0#



#7

Phenol-d6

Concen: 69.83 ng

RT: 6.532 min Scan# 367

Delta R.T. -0.023 min

Lab File: BF090613.D

Acq: 17 Oct 2016 17:49

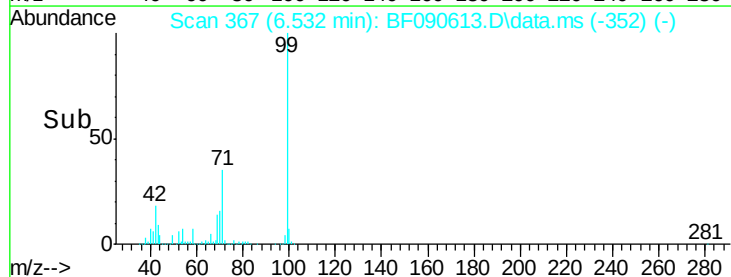
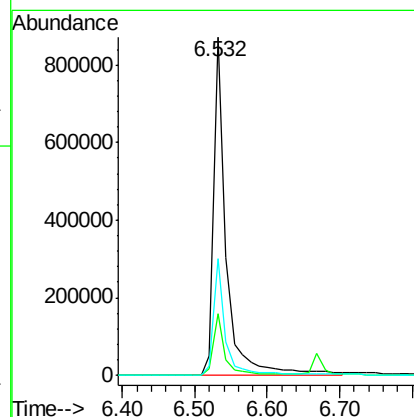
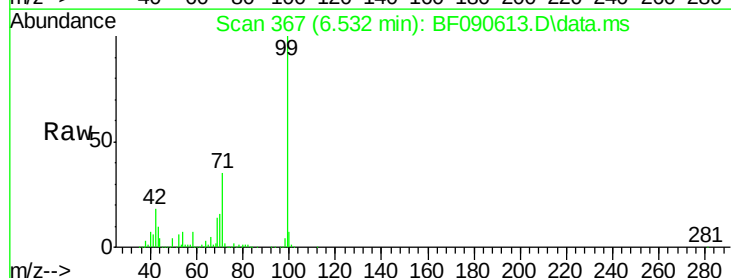
Tgt Ion: 99 Resp: 1055644

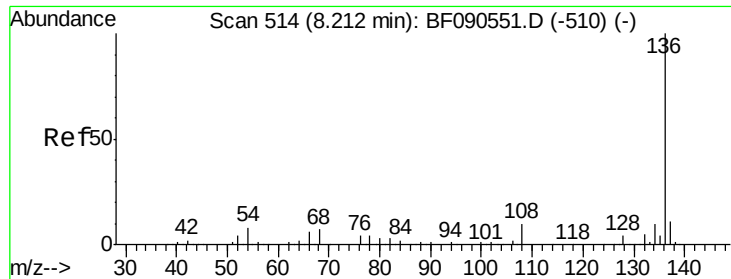
Ion Ratio Lower Upper

99 100

42 18.1 14.7 22.1

71 34.6 27.6 41.4

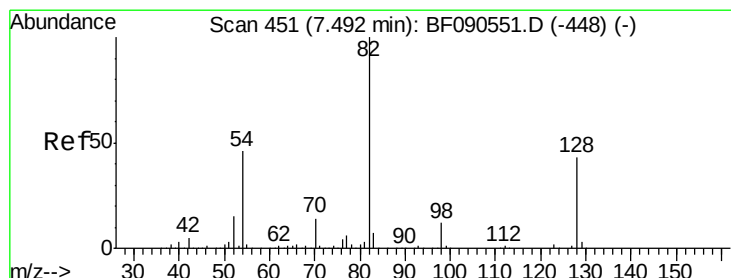
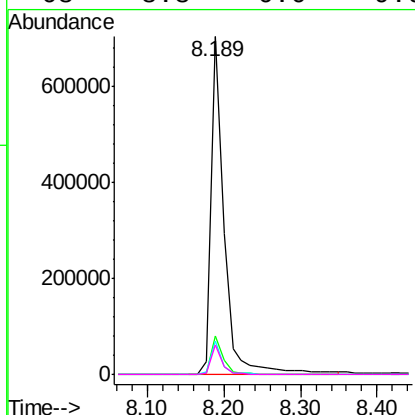
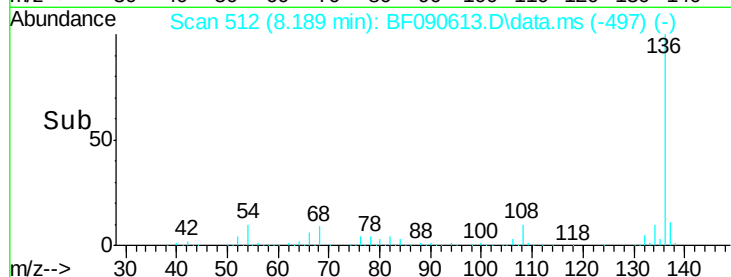
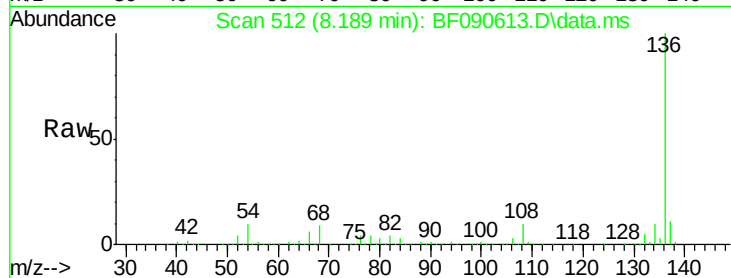




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.189 min Scan# 51
Delta R.T. -0.023 min
Lab File: BF090613.D
Acq: 17 Oct 2016 17:49

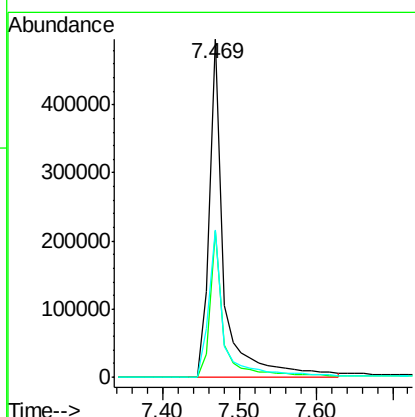
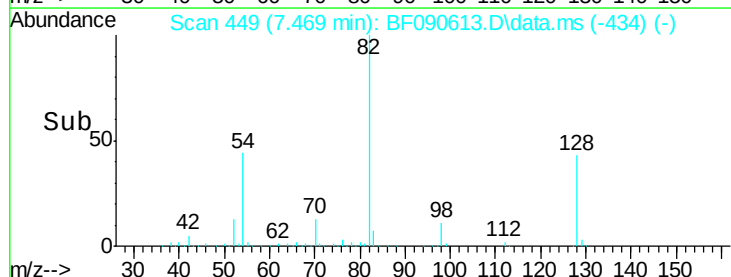
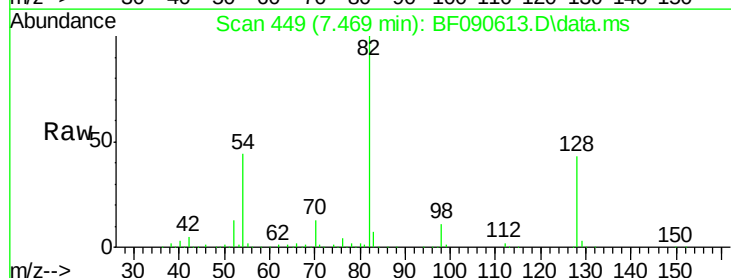
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A5-A6-A5A-A6A

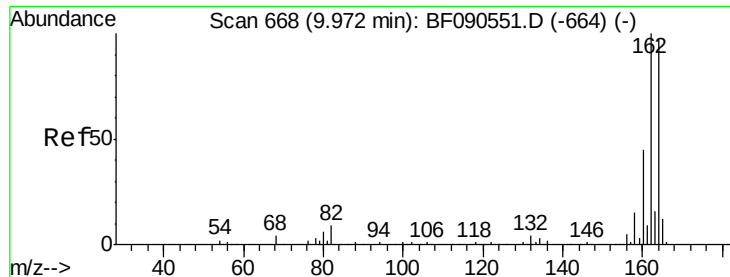
Tot Ion:136	Resp:	829098
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.8 13.2
54	9.8	6.8 10.2
68	8.8	6.0 9.0



#23
Nitrobenzene-d5
Concen: 44.23 ng
RT: 7.469 min Scan# 449
Delta R.T. -0.023 min
Lab File: BF090613.D
Acq: 17 Oct 2016 17:49

Tgt Ion: 82	Resp:	660142
Ion Ratio	Lower	Upper
82	100	
128	43.3	34.3 51.5
54	43.7	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: BF090613.D

Acq: 17 Oct 2016 17:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A5-A6-A5A-A6A

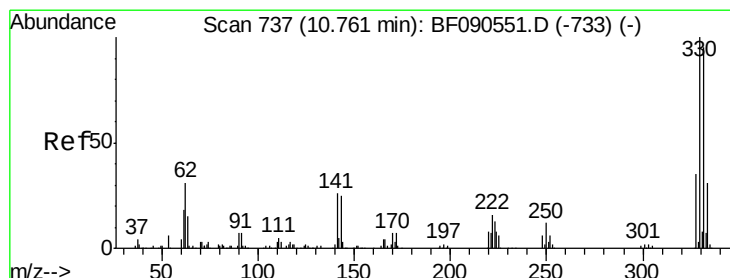
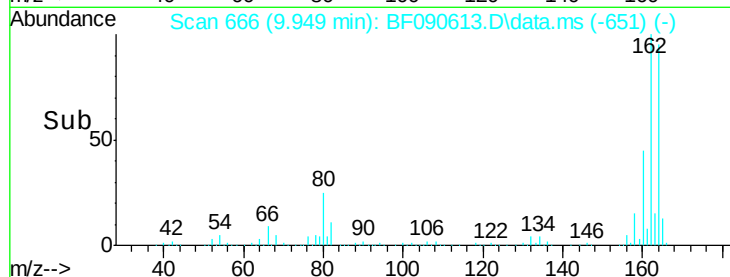
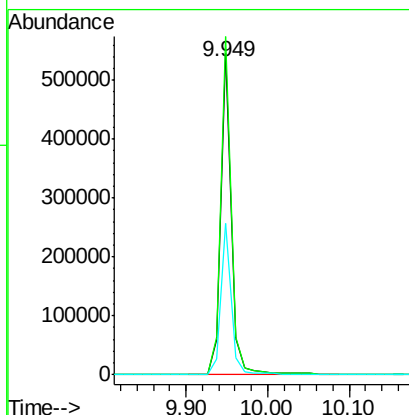
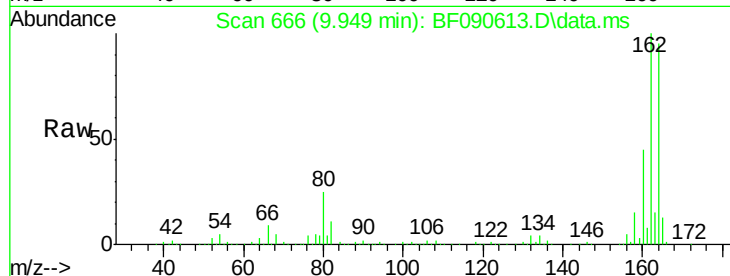
Tot Ion:164 Resp: 482230

Ion Ratio Lower Upper

164 100

162 105.1 82.2 123.4

160 46.9 36.6 55.0



#41

2,4,6-Tribromophenol

Concen: 55.14 ng

RT: 10.738 min Scan# 735

Delta R.T. -0.023 min

Lab File: BF090613.D

Acq: 17 Oct 2016 17:49

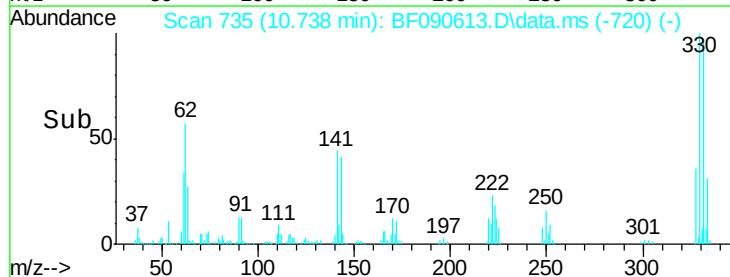
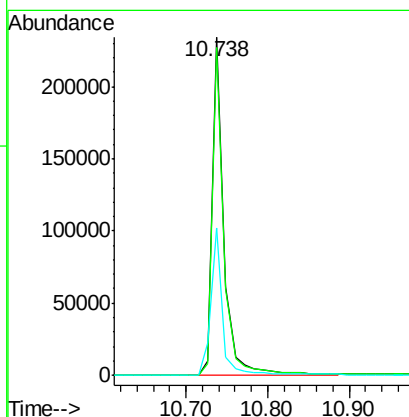
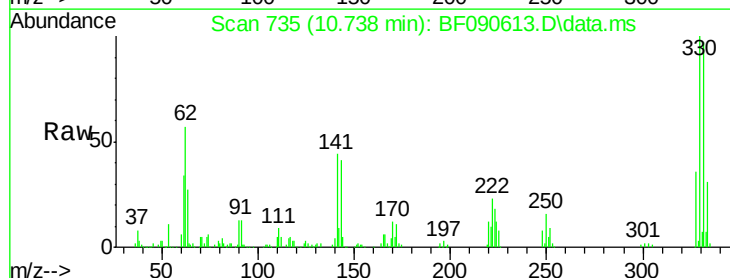
Tgt Ion:330 Resp: 237043

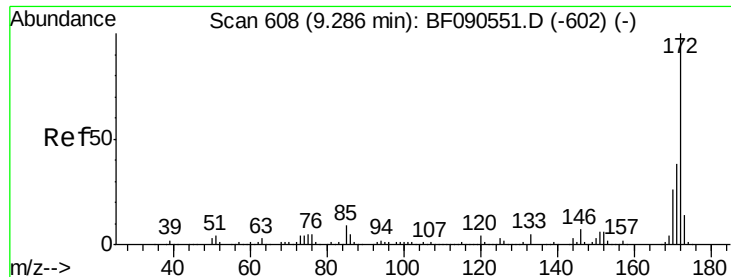
Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.2

141 44.3 31.4 47.2



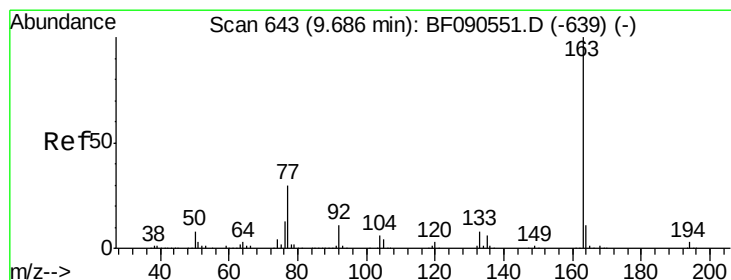
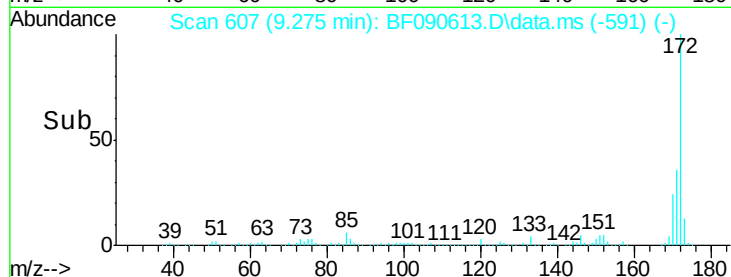
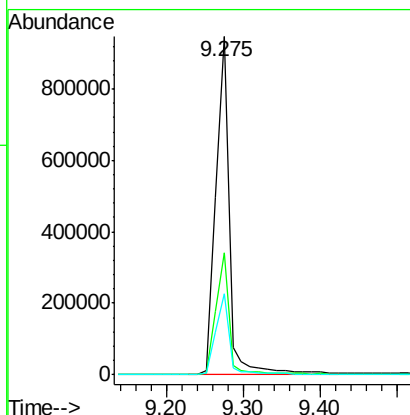
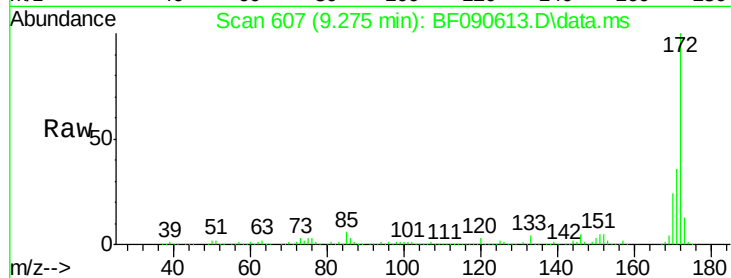


#44
 2-Fluorobiphenyl
 Concen: 39.30 ng
 RT: 9.275 min Scan# 60
 Delta R.T. -0.011 min
 Lab File: BF090613.D
 Acq: 17 Oct 2016 17:49

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-A5-A6-A5A-A6A

Tot Ion:172 Resp: 1150228

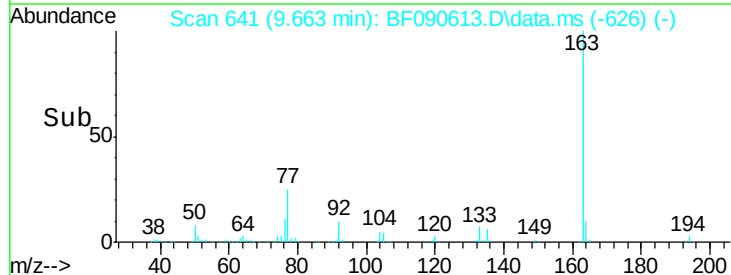
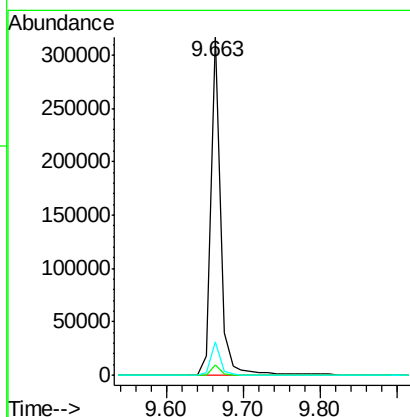
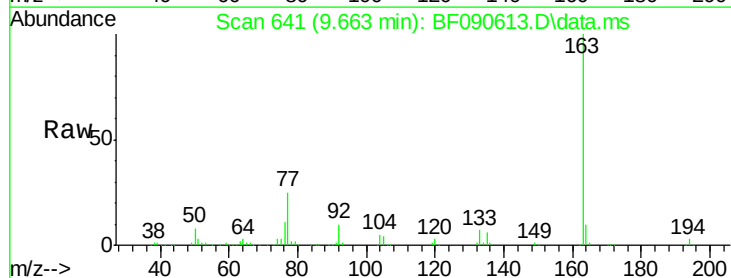
Ion	Ratio	Lower	Upper
172	100		
171	35.9	30.1	45.1
170	24.0	20.6	30.8

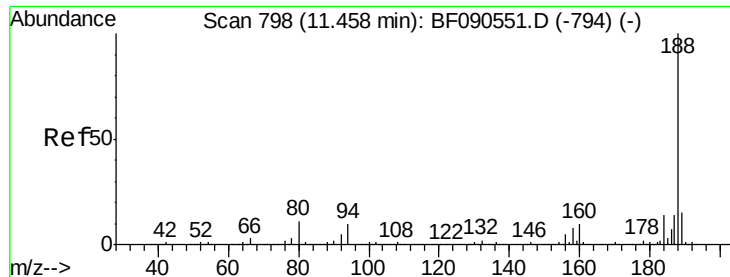


#49
 Dimethylphthalate
 Concen: 8.91 ng
 RT: 9.663 min Scan# 641
 Delta R.T. -0.023 min
 Lab File: BF090613.D
 Acq: 17 Oct 2016 17:49

Tgt Ion:163 Resp: 278653

Ion	Ratio	Lower	Upper
163	100		
194	3.0	2.3	3.5
164	9.9	8.6	13.0

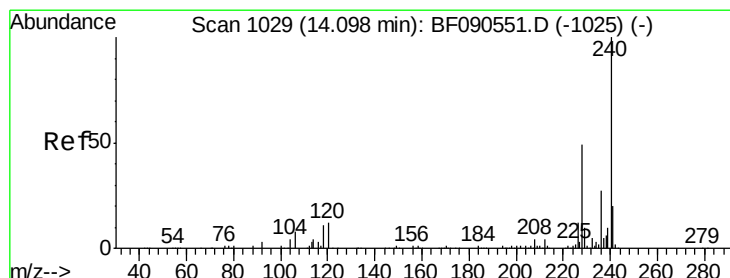
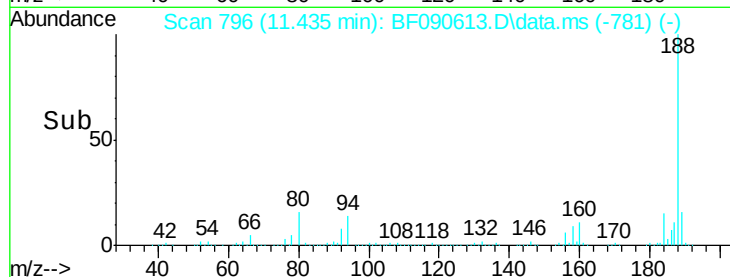
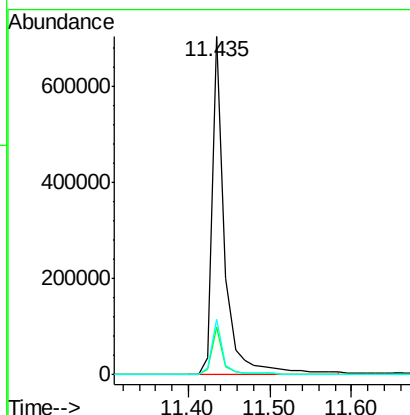
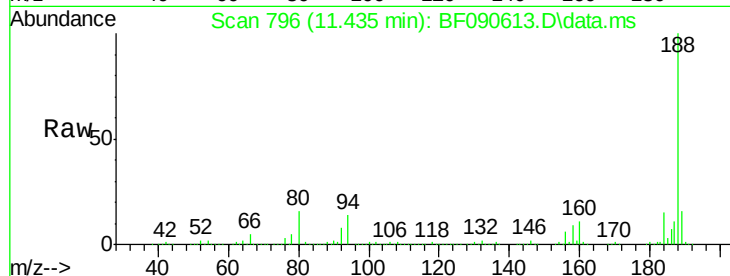




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.435 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF090613.D
Acq: 17 Oct 2016 17:49

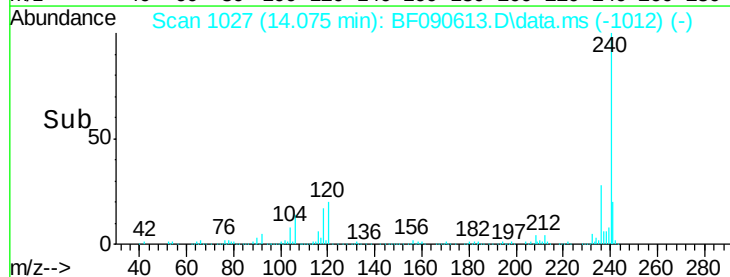
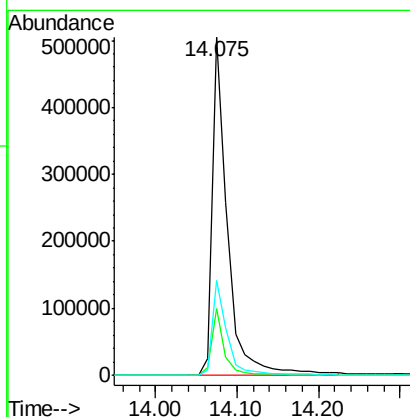
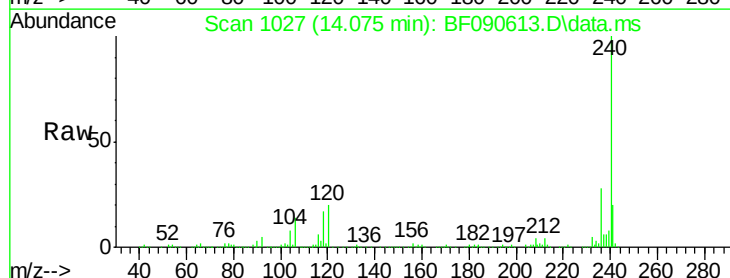
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-A5-A6-A5A-A6A

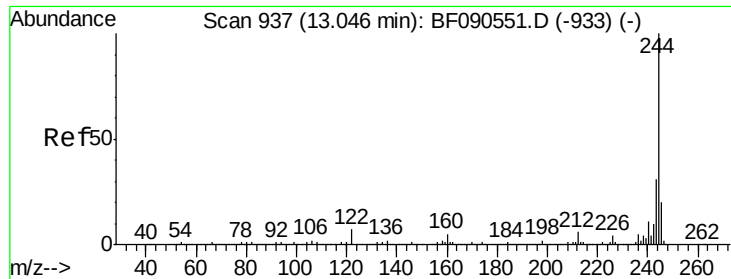
Tot Ion:188 Resp: 765533
Ion Ratio Lower Upper
188 100
94 14.2 7.7 11.5#
80 16.3 8.6 12.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.075 min Scan# 1027
Delta R.T. -0.023 min
Lab File: BF090613.D
Acq: 17 Oct 2016 17:49

Tgt Ion:240 Resp: 662411
Ion Ratio Lower Upper
240 100
120 19.7 9.8 14.8#
236 28.1 21.7 32.5





#78

Terphenyl-d14

Concen: 44.42 ng

RT: 13.024 min Scan# 93

Delta R.T. -0.023 min

Lab File: BF090613.D

Acq: 17 Oct 2016 17:49

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-A5-A6-A5A-A6A

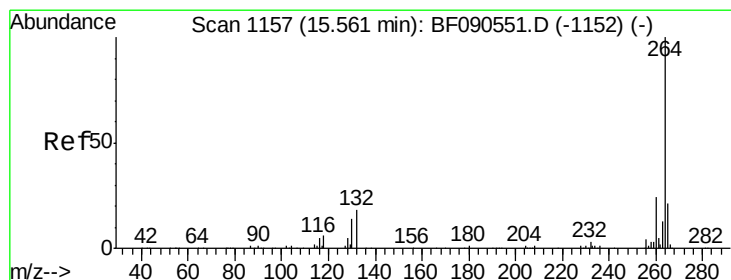
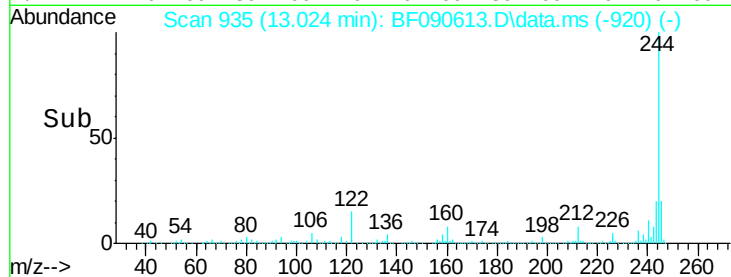
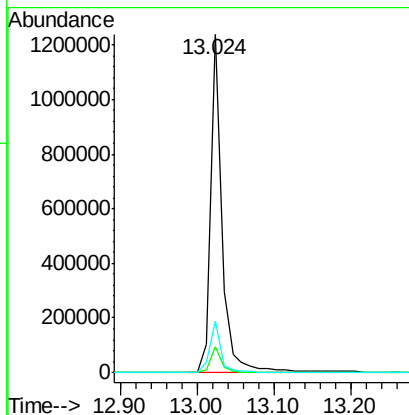
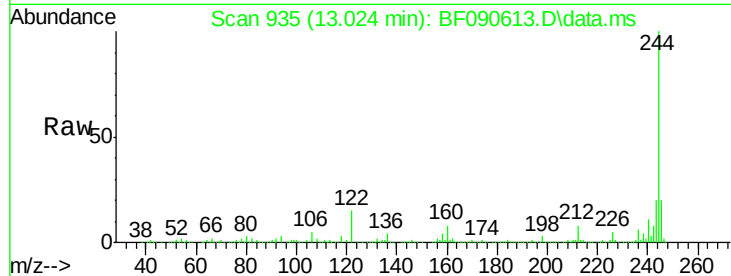
Tot Ion:244 Resp: 1263593

Ion Ratio Lower Upper

244 100

212 7.7 5.0 7.4#

122 15.3 5.6 8.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.538 min Scan# 1155

Delta R.T. -0.023 min

Lab File: BF090613.D

Acq: 17 Oct 2016 17:49

Tgt Ion:264 Resp: 485845

Ion Ratio Lower Upper

264 100

260 25.2 19.3 28.9

265 21.4 16.7 25.1

