

Data Path : Z:\HPCHEM1\BNA F\Data\BF101416\
 Data File : BF090564.D
 Acq On : 14 Oct 2016 12:28
 Operator : UM/SJ
 Sample : H4977-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 13T

Quant Time: Oct 14 13:52:03 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)

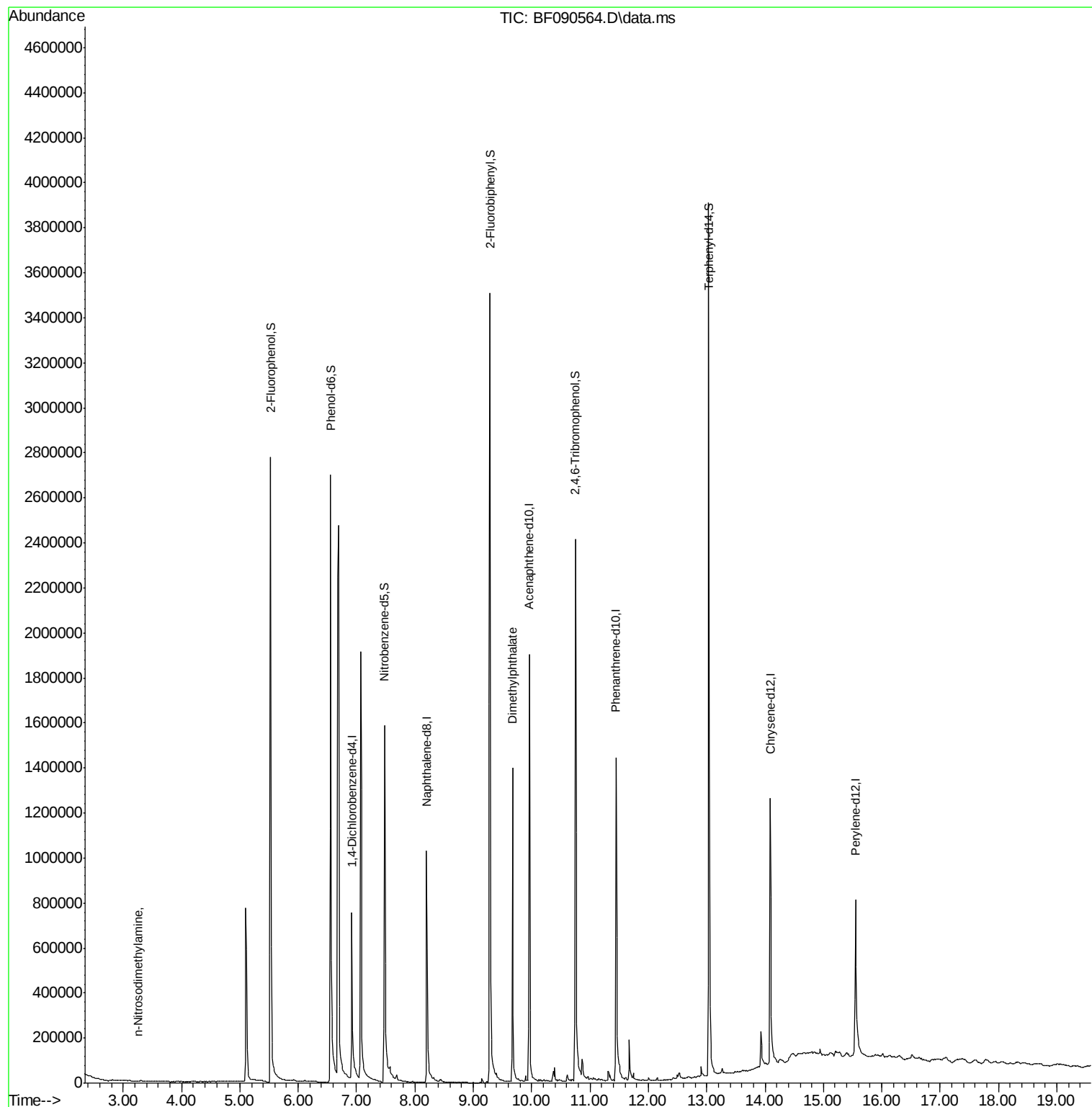
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.920	152	185934	20.00	ng	0.00
21) Naphthalene-d8	8.200	136	779669	20.00	ng	-0.01
38) Acenaphthene-d10	9.961	164	451788	20.00	ng	-0.01
63) Phenanthrene-d10	11.446	188	776672	20.00	ng	-0.01
75) Chrysene-d12	14.087	240	628461	20.00	ng	-0.01
86) Perylene-d12	15.550	264	425465	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	1017043	100.28	ng	0.00
7) Phenol-d6	6.554	99	1507711	100.04	ng	0.00
23) Nitrobenzene-d5	7.480	82	805124	57.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.749	330	442617	109.89	ng	-0.01
44) 2-Fluorobiphenyl	9.286	172	1606804	58.60	ng	0.00
78) Terphenyl-d14	13.035	244	1560425	57.81	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.263	42	626	7.29	ng	Qvalue # 1
49) Dimethylphthalate	9.675	163	662541	22.60	ng	99

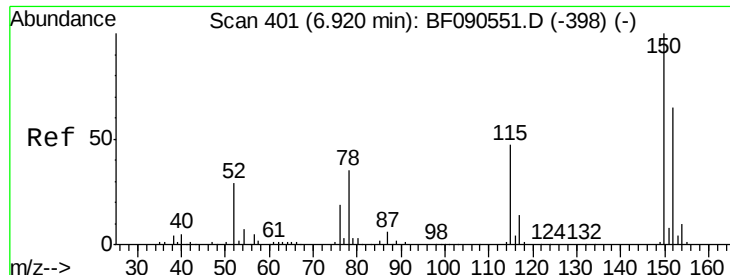
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.920 min Scan# 40

Delta R.T. 0.000 min

Lab File: BF090564.D

Acq: 14 Oct 2016 12:28

Instrument :

BNA_F

ClientSampleId :

13T

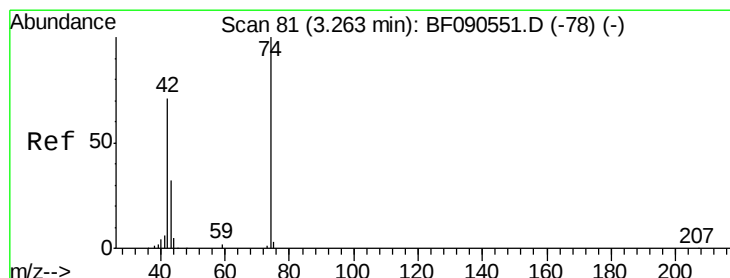
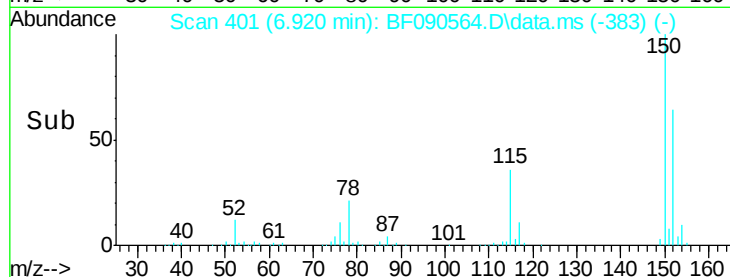
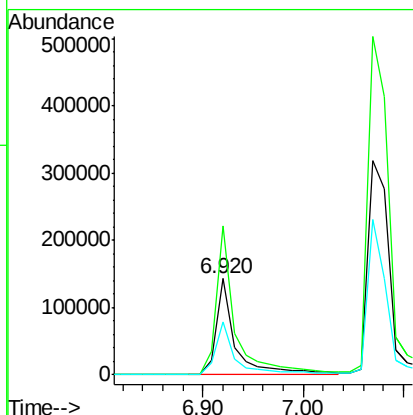
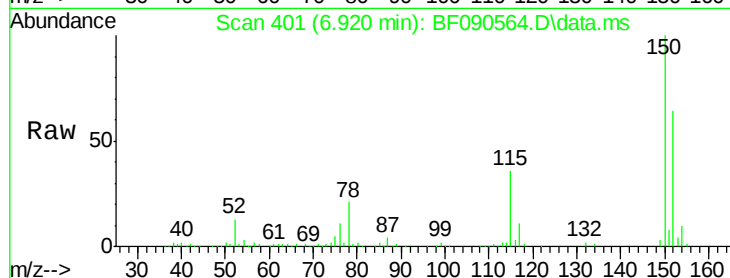
Tot Ion:152 Resp: 185934

Ion Ratio Lower Upper

152 100

150 155.4 127.2 190.8

115 55.7 58.6 88.0#



#4

n-Nitrosodimethylamine

Concen: 7.29 ng

RT: 3.263 min Scan# 81

Delta R.T. 0.001 min

Lab File: BF090564.D

Acq: 14 Oct 2016 12:28

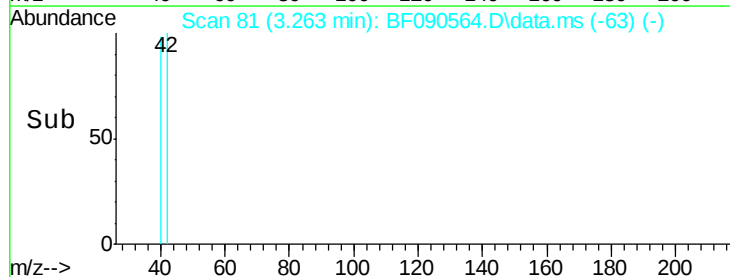
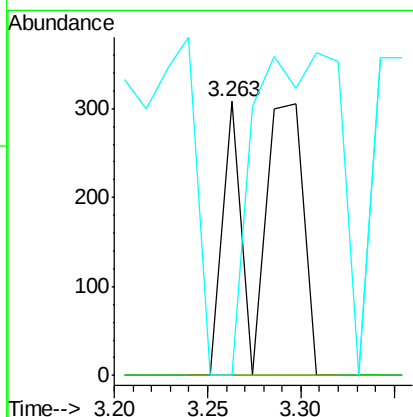
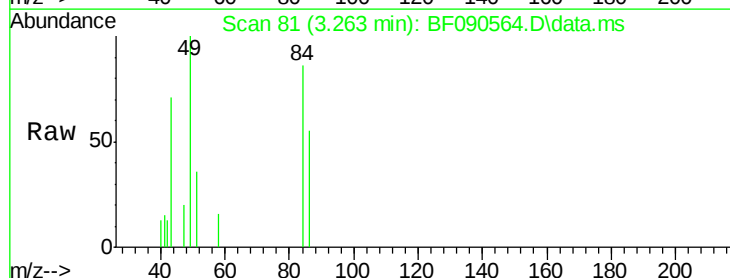
Tgt Ion: 42 Resp: 626

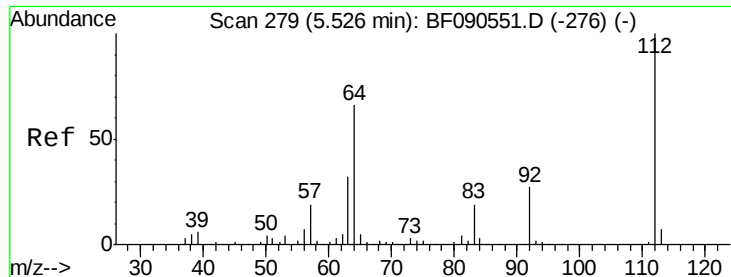
Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

44 0.0 6.0 9.0#





#5

2-Fluorophenol

Concen: 100.28 ng

RT: 5.526 min Scan# 27

Delta R.T. 0.001 min

Lab File: BF090564.D

Acq: 14 Oct 2016 12:28

Instrument :

BNA_F

ClientSampleId :

13T

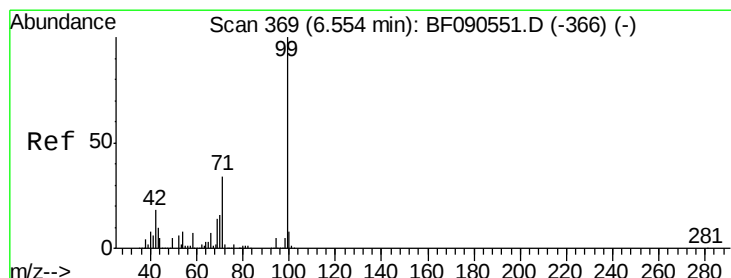
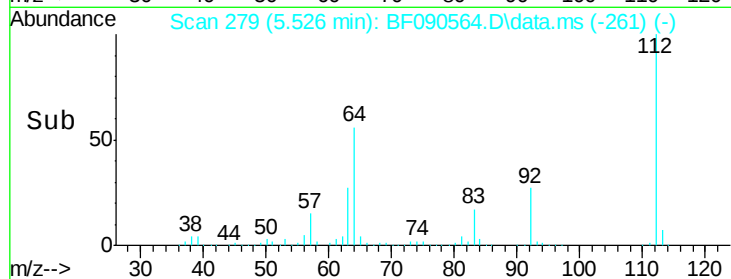
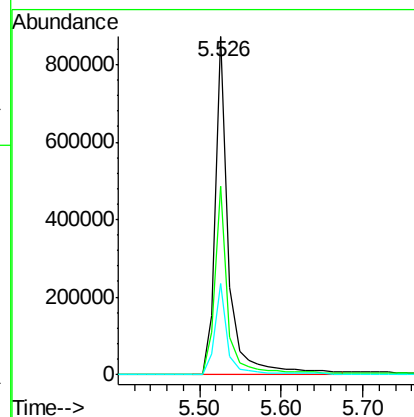
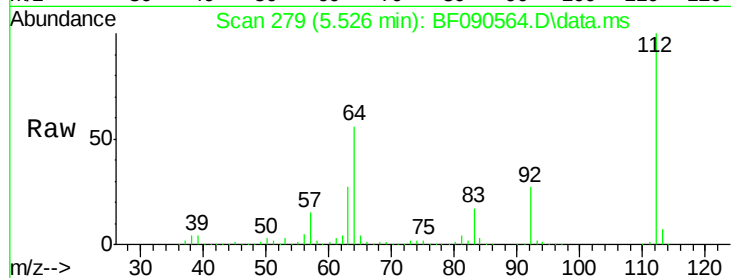
Tot Ion:112 Resp: 1017043

Ion Ratio Lower Upper

112 100

64 55.8 52.6 78.8

63 26.8 26.0 39.0



#7

Phenol-d6

Concen: 100.04 ng

RT: 6.554 min Scan# 369

Delta R.T. 0.000 min

Lab File: BF090564.D

Acq: 14 Oct 2016 12:28

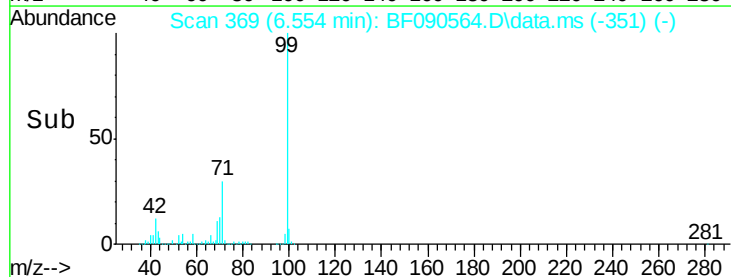
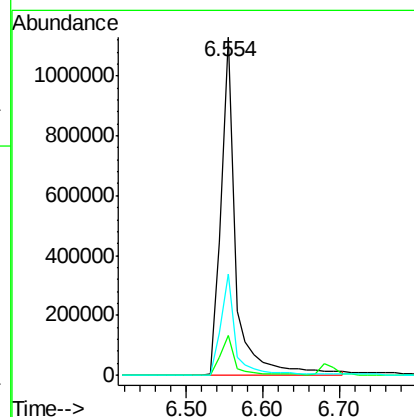
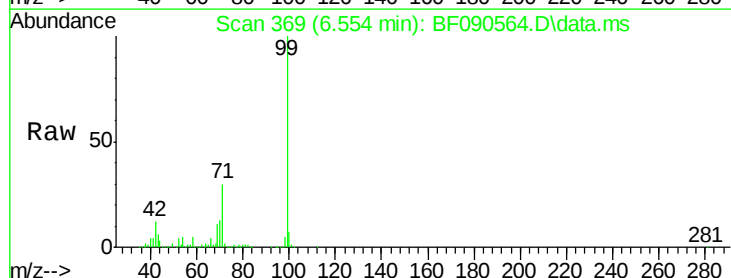
Tgt Ion: 99 Resp: 1507711

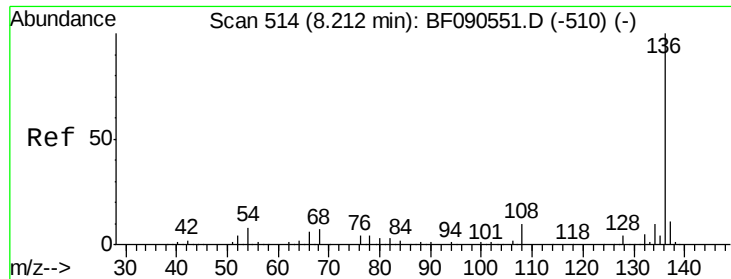
Ion Ratio Lower Upper

99 100

42 11.6 14.7 22.1#

71 29.9 27.6 41.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.200 min Scan# 51

Delta R.T. -0.011 min

Lab File: BF090564.D

Acq: 14 Oct 2016 12:28

Instrument :

BNA_F

ClientSampleId :

13T

Tot Ion:136 Resp: 779669

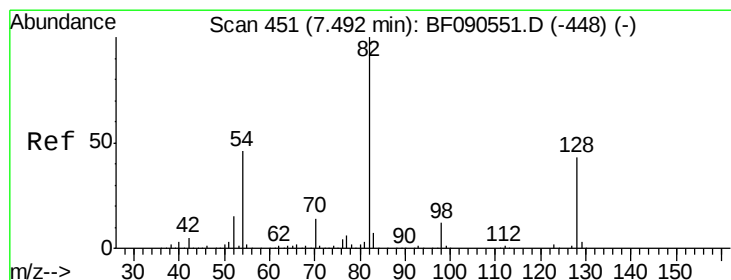
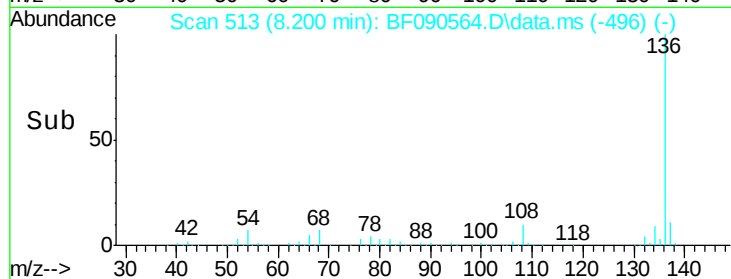
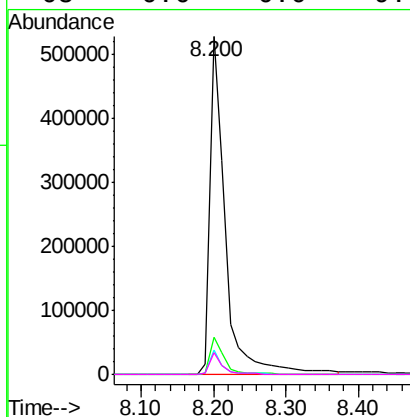
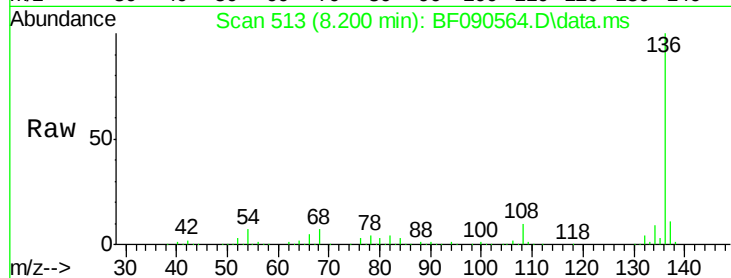
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.1 6.8 10.2

68 6.6 6.0 9.0



#23

Nitrobenzene-d5

Concen: 57.36 ng

RT: 7.480 min Scan# 450

Delta R.T. -0.011 min

Lab File: BF090564.D

Acq: 14 Oct 2016 12:28

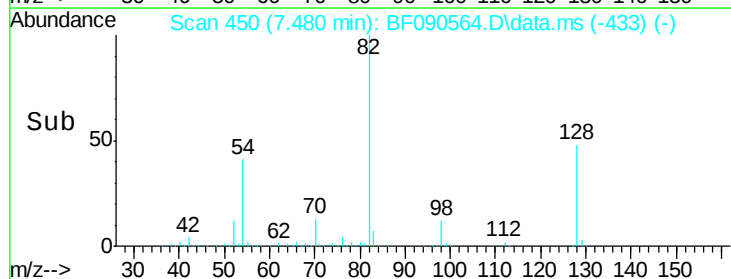
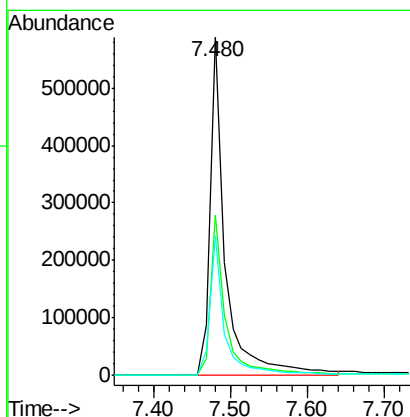
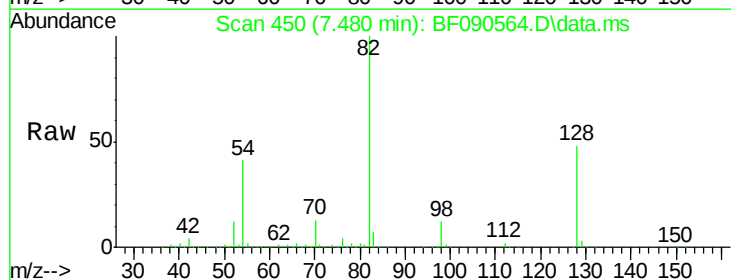
Tgt Ion: 82 Resp: 805124

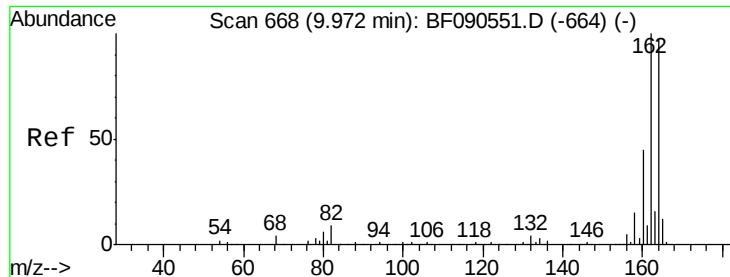
Ion Ratio Lower Upper

82 100

128 47.5 34.3 51.5

54 41.2 37.0 55.6

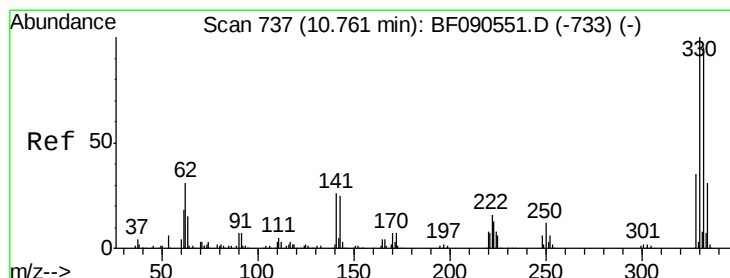
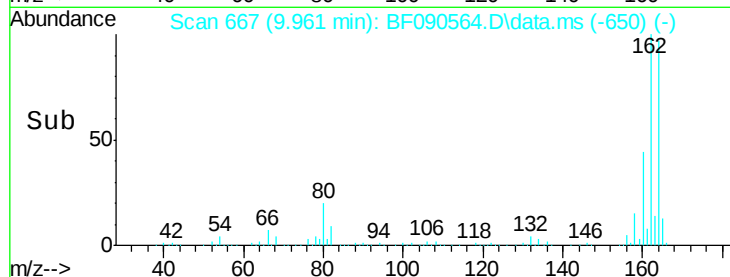
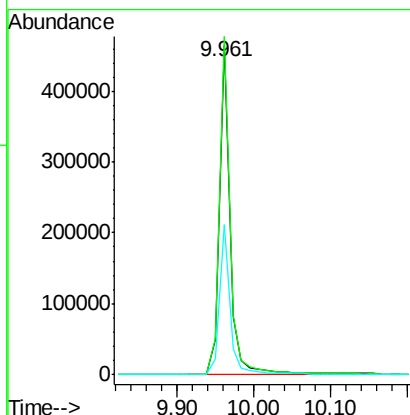
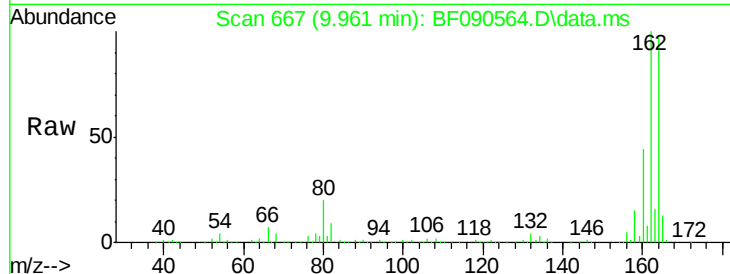




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.961 min Scan# 66
Delta R.T. -0.011 min
Lab File: BF090564.D
Acq: 14 Oct 2016 12:28

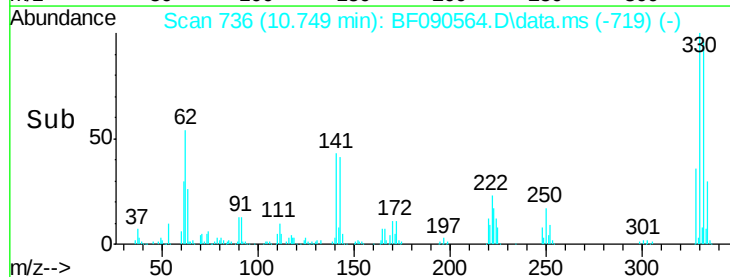
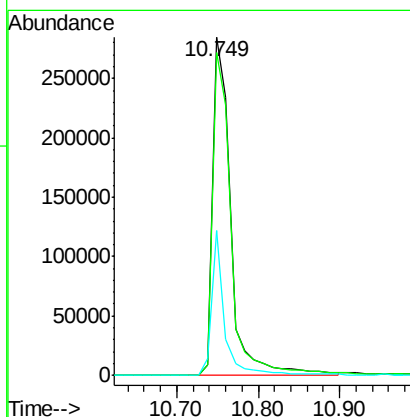
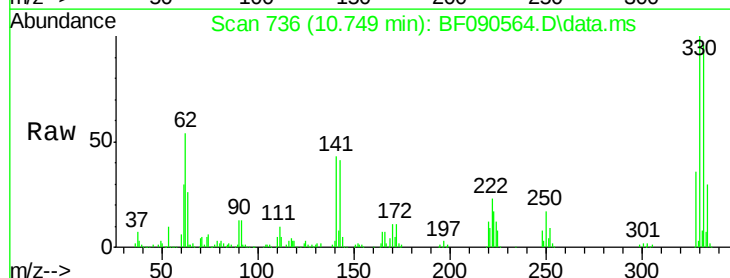
Instrument :
BNA_F
ClientSampleId :
13T

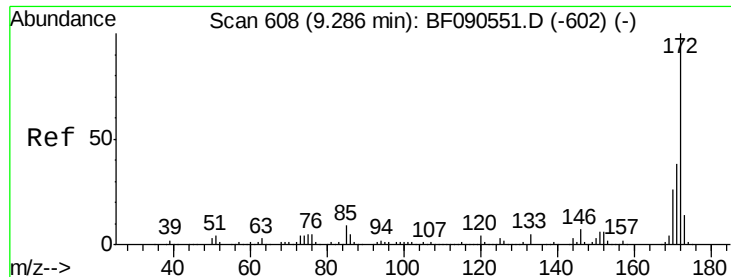
Tot Ion:164 Resp: 451788
Ion Ratio Lower Upper
164 100
162 102.7 82.2 123.4
160 45.6 36.6 55.0



#41
2,4,6-Tribromophenol
Concen: 109.89 ng
RT: 10.749 min Scan# 736
Delta R.T. -0.011 min
Lab File: BF090564.D
Acq: 14 Oct 2016 12:28

Tgt Ion:330 Resp: 442617
Ion Ratio Lower Upper
330 100
332 96.5 76.2 114.2
141 31.1 31.4 47.2#

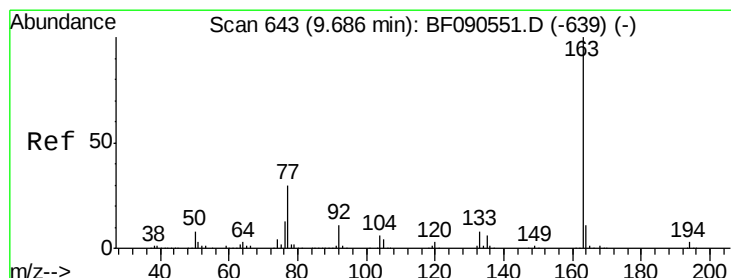
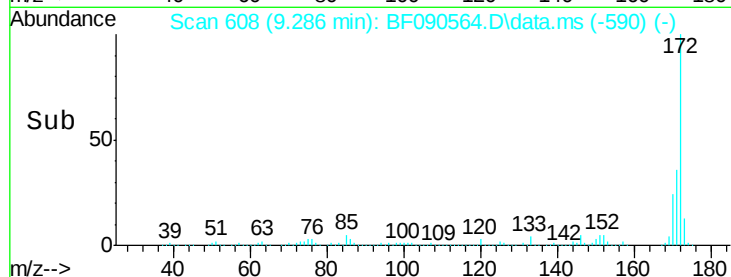
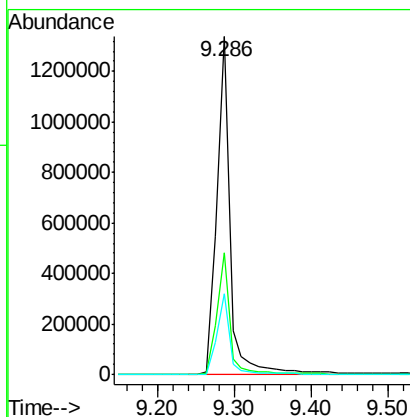
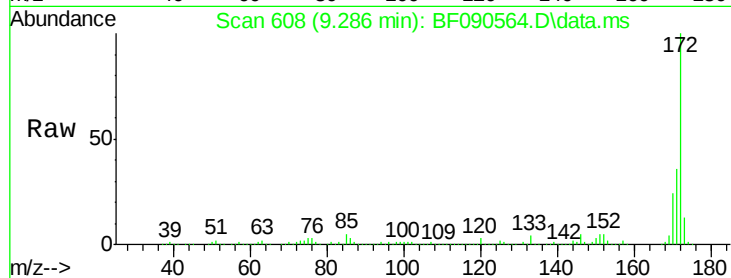




#44
2-Fluorobiphenyl
Concen: 58.60 ng
RT: 9.286 min Scan# 60
Delta R.T. 0.000 min
Lab File: BF090564.D
Acq: 14 Oct 2016 12:28

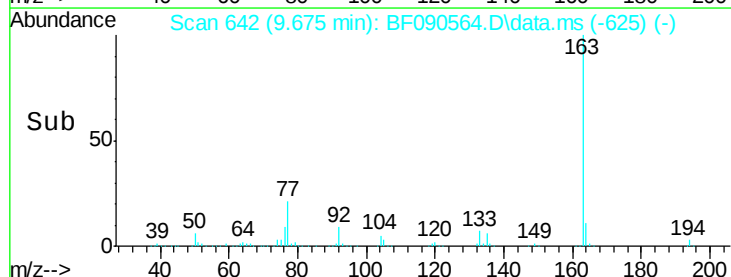
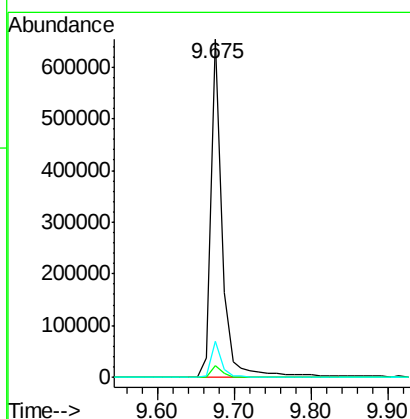
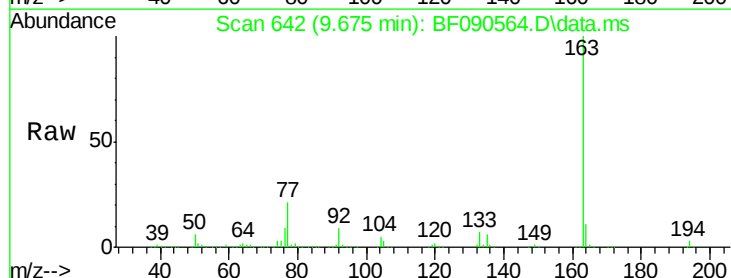
Instrument :
BNA_F
ClientSampleId :
13T

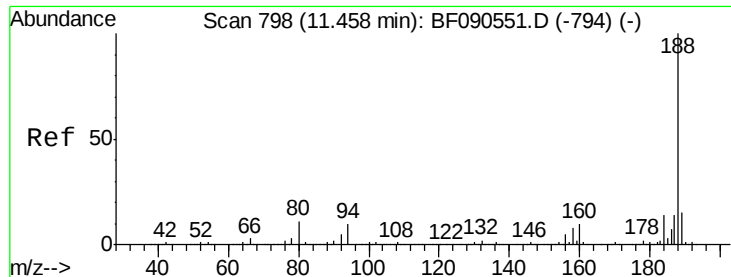
Tot Ion:172 Resp: 1606804
Ion Ratio Lower Upper
172 100
171 35.9 30.1 45.1
170 24.0 20.6 30.8



#49
Dimethylphthalate
Concen: 22.60 ng
RT: 9.675 min Scan# 642
Delta R.T. -0.011 min
Lab File: BF090564.D
Acq: 14 Oct 2016 12:28

Tgt Ion:163 Resp: 662541
Ion Ratio Lower Upper
163 100
194 3.5 2.3 3.5
164 10.6 8.6 13.0

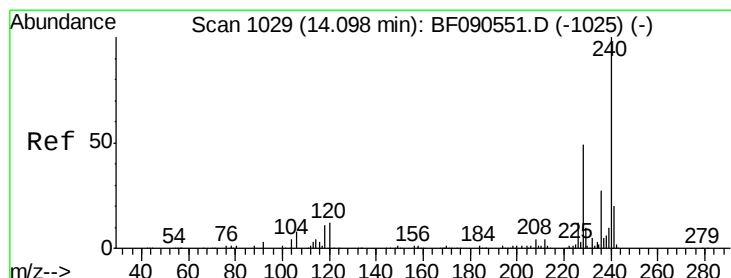
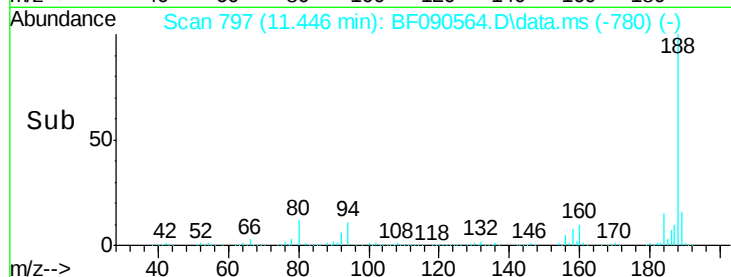
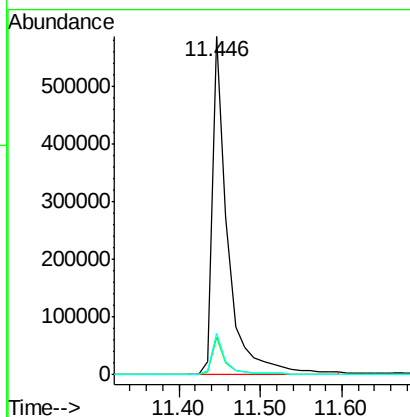
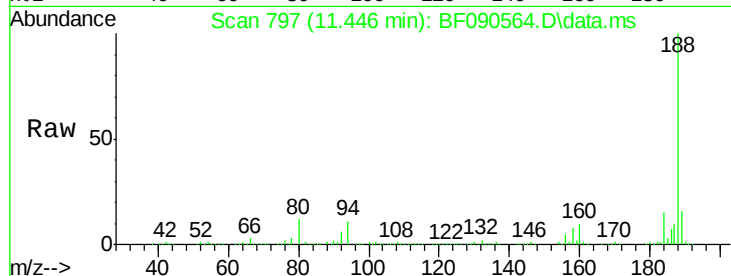




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.446 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF090564.D
Acq: 14 Oct 2016 12:28

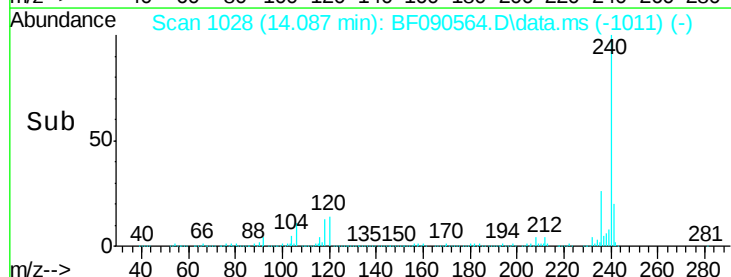
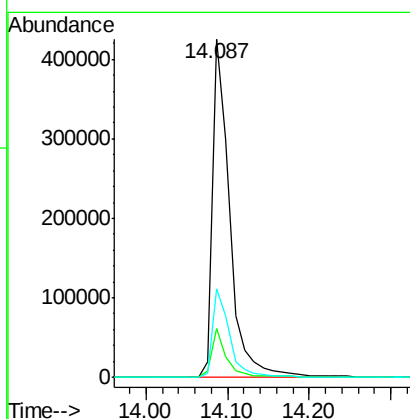
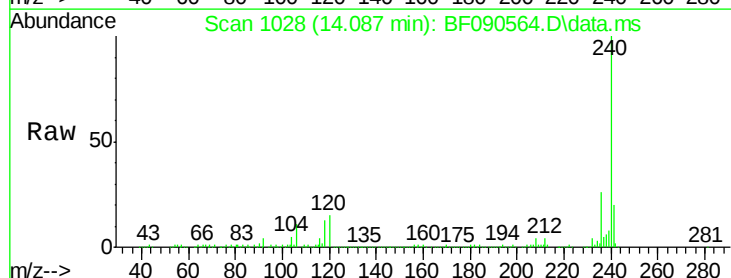
Instrument :
BNA_F
ClientSampleId :
13T

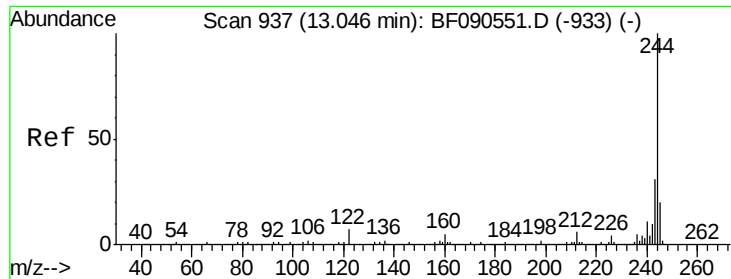
Tot Ion:188 Resp: 776672
Ion Ratio Lower Upper
188 100
94 10.9 7.7 11.5
80 12.0 8.6 12.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.087 min Scan# 1028
Delta R.T. -0.011 min
Lab File: BF090564.D
Acq: 14 Oct 2016 12:28

Tgt Ion:240 Resp: 628461
Ion Ratio Lower Upper
240 100
120 14.6 9.8 14.8
236 26.0 21.7 32.5





#78

Terphenyl-d14

Concen: 57.81 ng

RT: 13.035 min Scan# 93

Delta R.T. -0.011 min

Lab File: BF090564.D

Acq: 14 Oct 2016 12:28

Instrument :

BNA_F

ClientSampleId :

13T

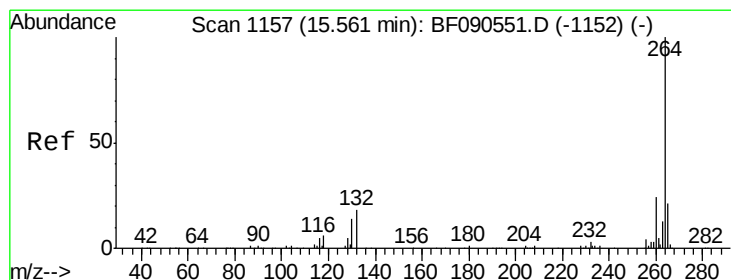
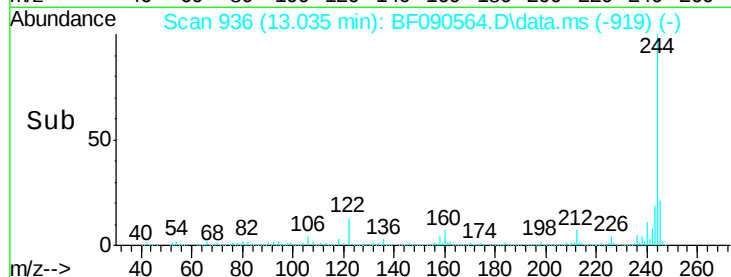
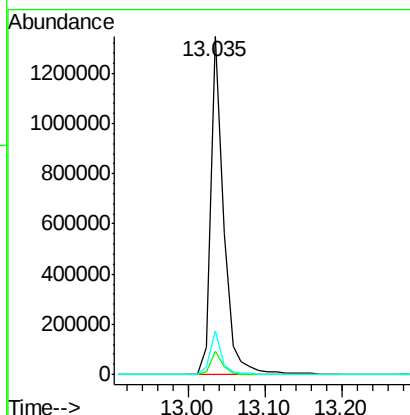
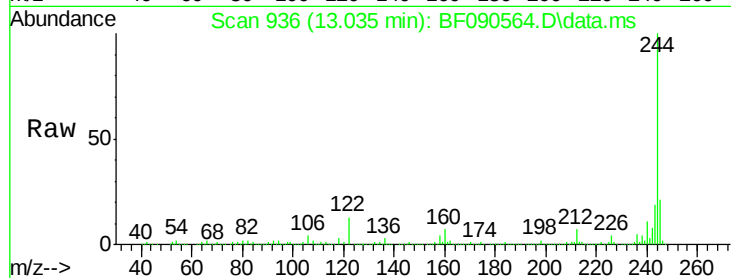
Tot Ion:244 Resp: 1560425

Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

122 13.1 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: BF090564.D

Acq: 14 Oct 2016 12:28

Tgt Ion:264 Resp: 425465

Ion Ratio Lower Upper

264 100

260 23.7 19.3 28.9

265 21.5 16.7 25.1

