

Data Path : Z:\HPCHEM1\BNA F\Data\BF101416\
 Data File : BF090559.D
 Acq On : 14 Oct 2016 10:07
 Operator : UM/SJ
 Sample : H5148-03RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-WH-DRUM-02-C

Quant Time: Oct 14 13:13:25 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)

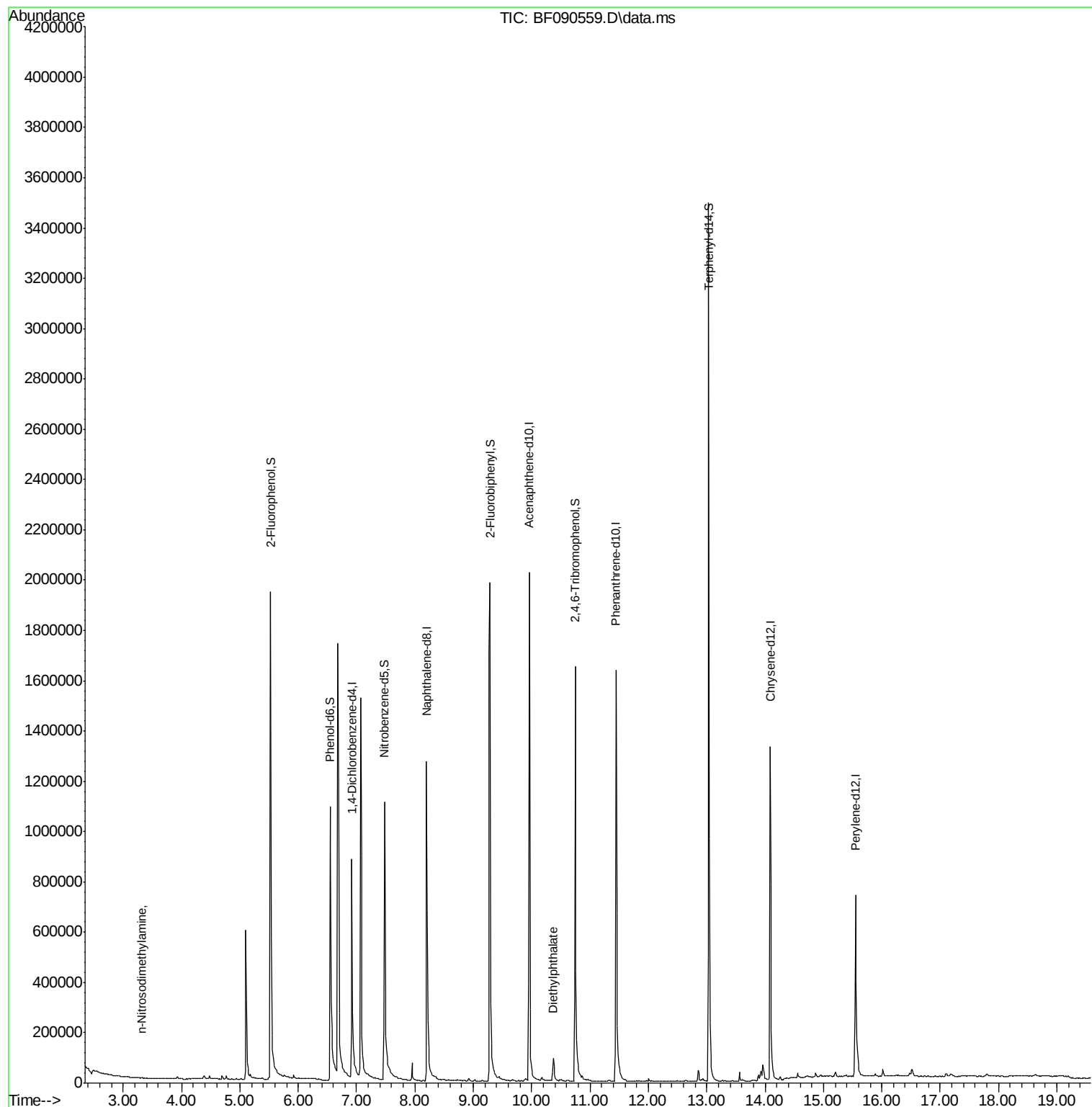
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.920	152	200725	20.00	ng	0.00
21) Naphthalene-d8	8.200	136	845069	20.00	ng	-0.01
38) Acenaphthene-d10	9.960	164	471081	20.00	ng	-0.01
63) Phenanthrene-d10	11.446	188	807639	20.00	ng	-0.01
75) Chrysene-d12	14.086	240	656313	20.00	ng	-0.01
86) Perylene-d12	15.550	264	392313	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	656855	59.99	ng	0.00
7) Phenol-d6	6.543	99	830268	51.03	ng	-0.01
23) Nitrobenzene-d5	7.480	82	581775	38.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.749	330	247242	58.87	ng	-0.01
44) 2-Fluorobiphenyl	9.286	172	1083870	37.91	ng	0.00
78) Terphenyl-d14	13.035	244	1257708	44.62	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.320	42	319	7.22	ng	Qvalue # 1
59) Diethylphthalate	10.372	149	72701	2.35	ng	99

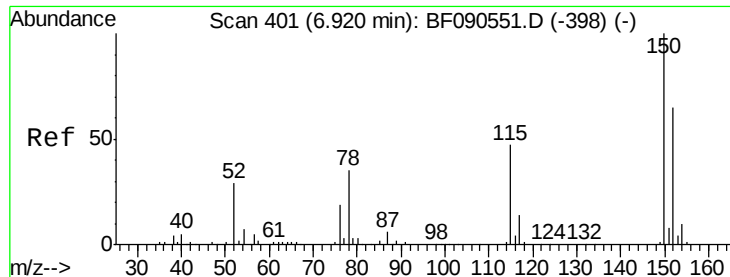
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090559.D

Acq: 14 Oct 2016 10:07

Instrument :

BNA_F

ClientSampleId :

WC-WH-DRUM-02-C

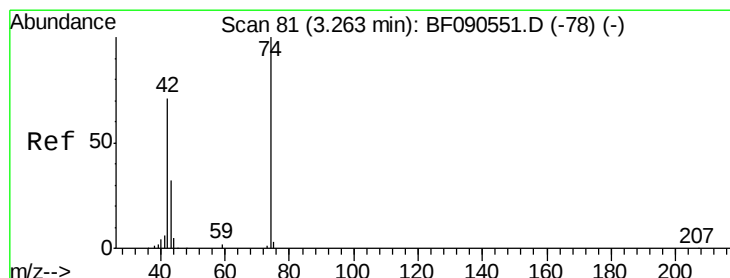
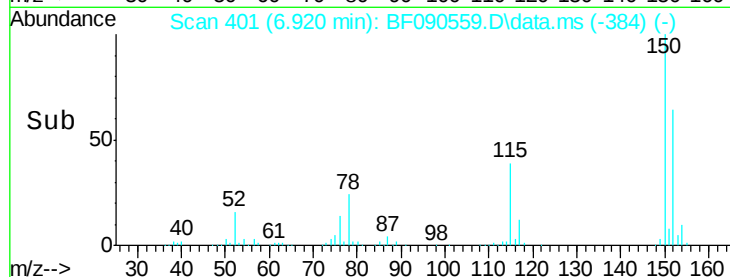
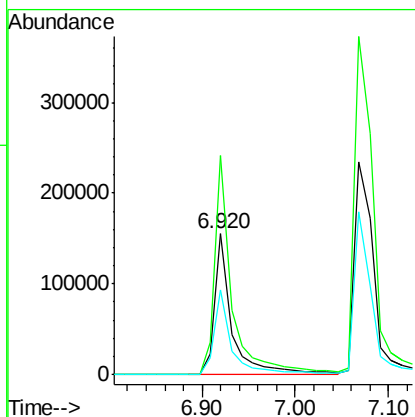
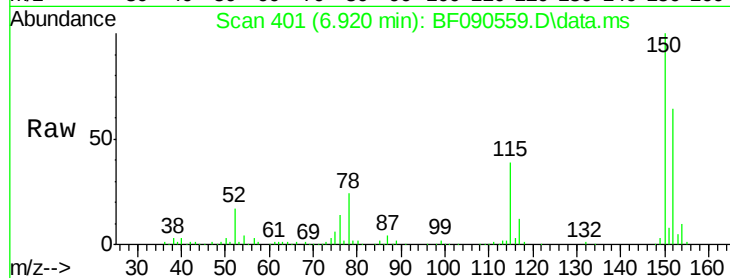
Tot Ion:152 Resp: 200725

Ion Ratio Lower Upper

152 100

150 155.8 127.2 190.8

115 60.3 58.6 88.0



#4

n-Nitrosodimethylamine

Concen: 7.22 ng

RT: 3.320 min Scan# 86

Delta R.T. 0.058 min

Lab File: BF090559.D

Acq: 14 Oct 2016 10:07

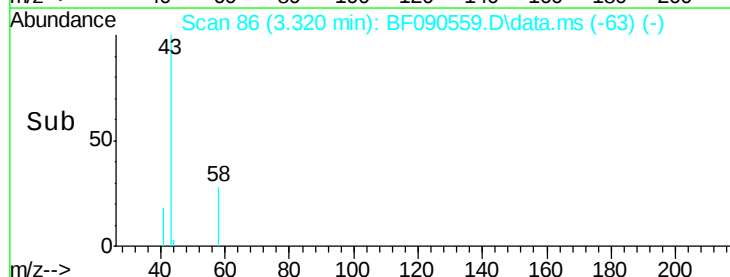
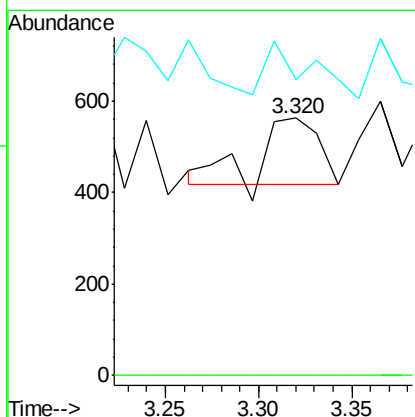
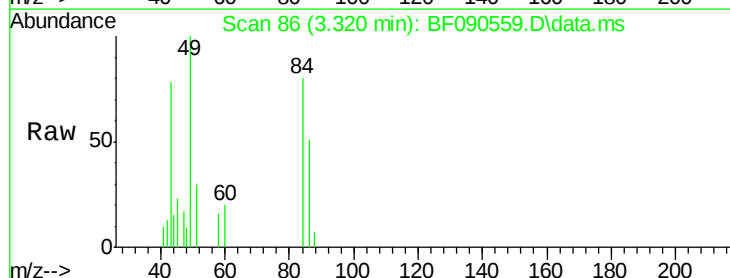
Tgt Ion: 42 Resp: 319

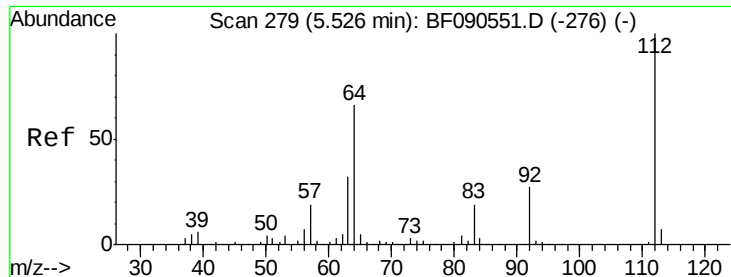
Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

44 115.1 6.0 9.0#





#5

2-Fluorophenol

Concen: 59.99 ng

RT: 5.526 min Scan# 279

Delta R.T. 0.001 min

Lab File: BF090559.D

Acq: 14 Oct 2016 10:07

Instrument :

BNA_F

ClientSampleId :

WC-WH-DRUM-02-C

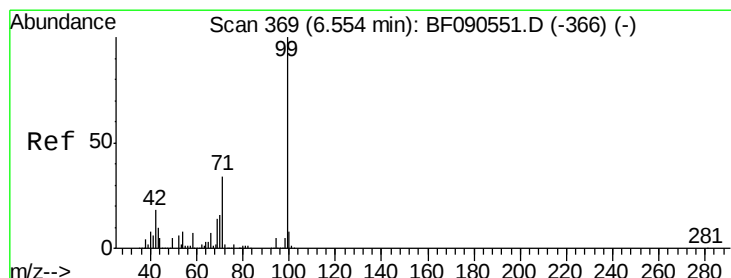
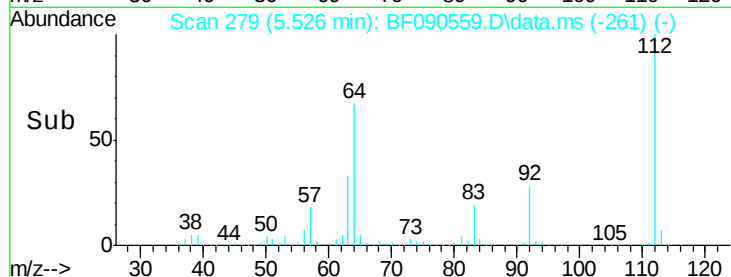
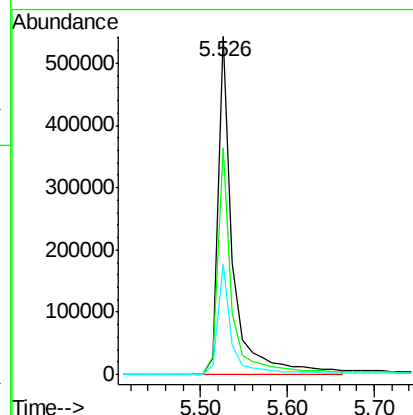
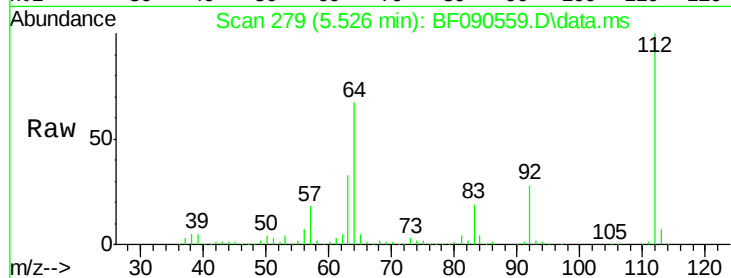
Tot Ion:112 Resp: 656855

Ion Ratio Lower Upper

112 100

64 66.9 52.6 78.8

63 32.7 26.0 39.0



#7

Phenol-d6

Concen: 51.03 ng

RT: 6.543 min Scan# 368

Delta R.T. -0.011 min

Lab File: BF090559.D

Acq: 14 Oct 2016 10:07

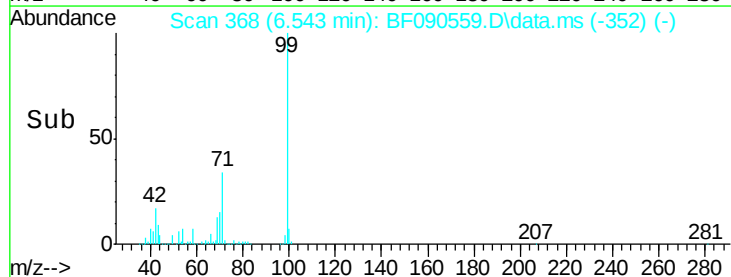
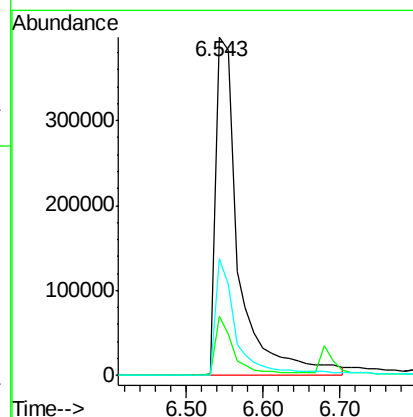
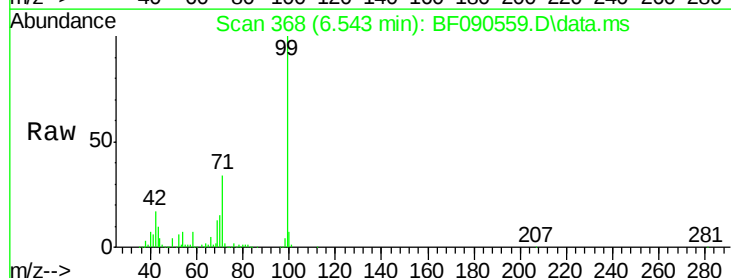
Tgt Ion: 99 Resp: 830268

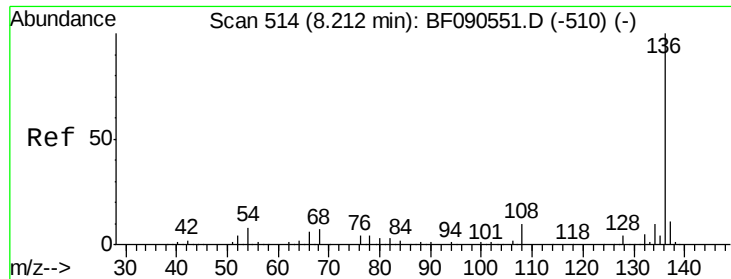
Ion Ratio Lower Upper

99 100

42 17.5 14.7 22.1

71 34.4 27.6 41.4

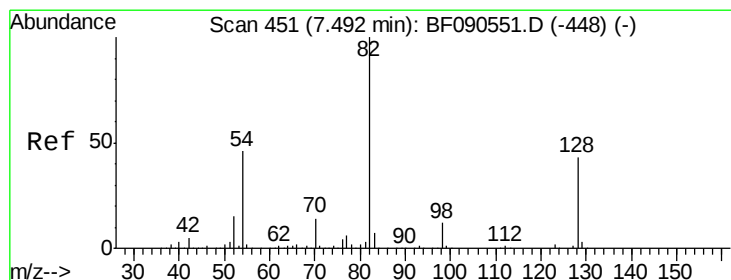
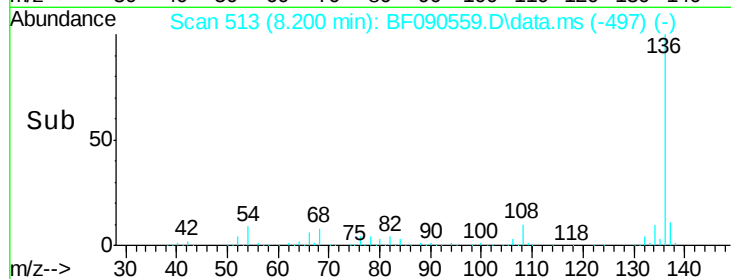
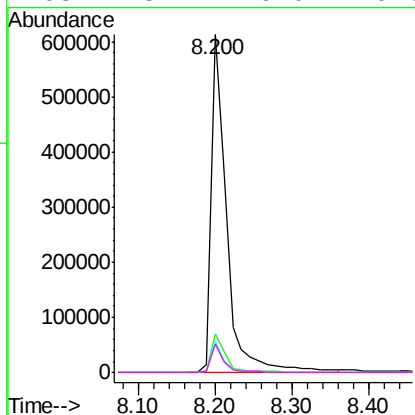
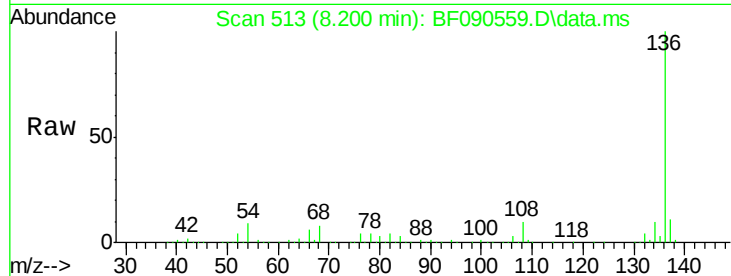




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.200 min Scan# 51
Delta R.T. -0.012 min
Lab File: BF090559.D
Acq: 14 Oct 2016 10:07

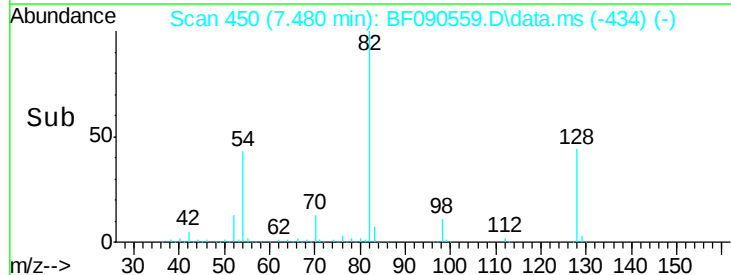
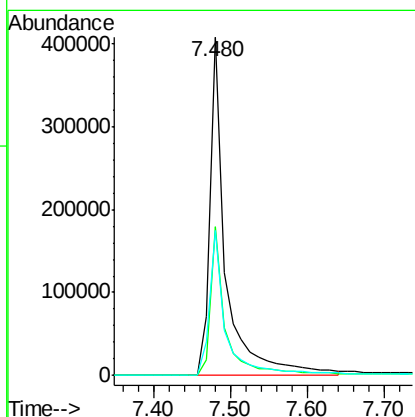
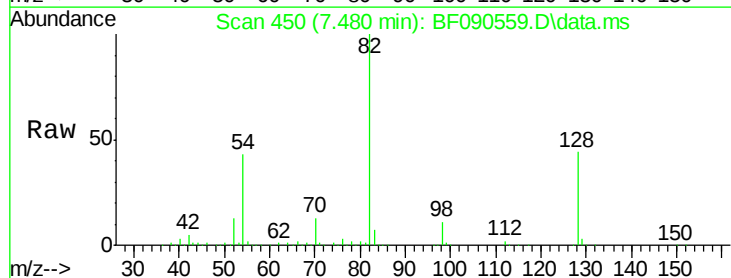
Instrument :
BNA_F
ClientSampleId :
WC-WH-DRUM-02-C

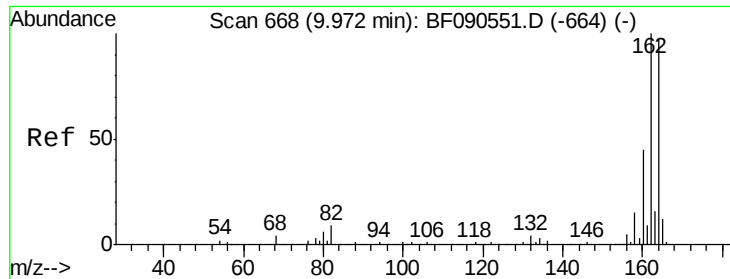
Tot Ion:136	Resp:	845069
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.8 13.2
54	9.2	6.8 10.2
68	8.4	6.0 9.0



#23
Nitrobenzene-d5
Concen: 38.24 ng
RT: 7.480 min Scan# 450
Delta R.T. -0.011 min
Lab File: BF090559.D
Acq: 14 Oct 2016 10:07

Tgt Ion: 82	Resp:	581775
Ion Ratio	Lower	Upper
82	100	
128	44.0	34.3 51.5
54	42.8	37.0 55.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.960 min Scan# 66

Delta R.T. -0.012 min

Lab File: BF090559.D

Acq: 14 Oct 2016 10:07

Instrument :

BNA_F

ClientSampleId :

WC-WH-DRUM-02-C

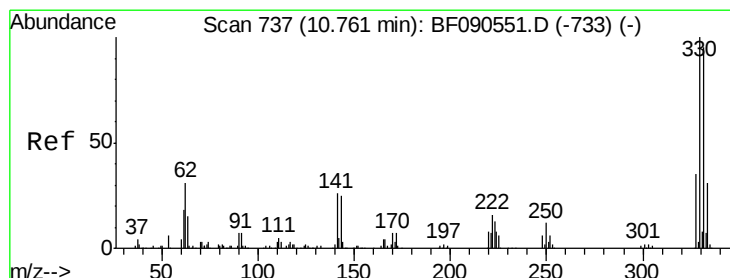
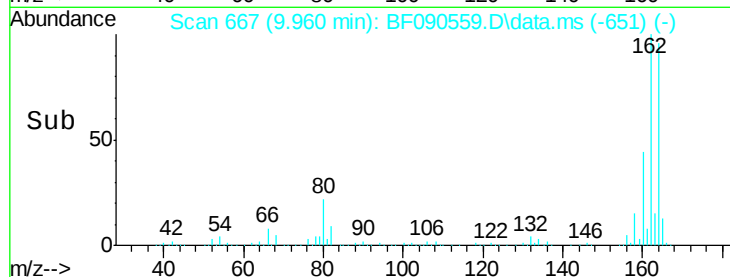
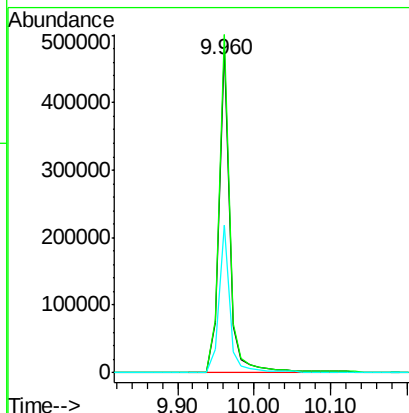
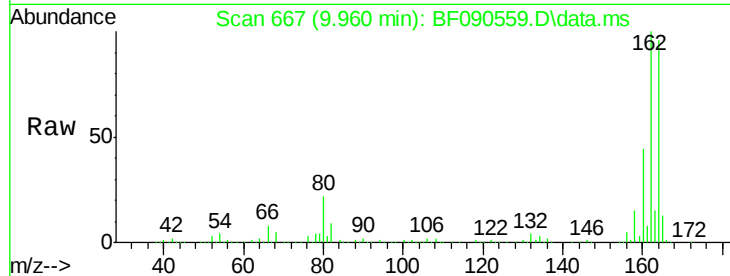
Tot Ion:164 Resp: 471081

Ion Ratio Lower Upper

164 100

162 104.4 82.2 123.4

160 45.6 36.6 55.0



#41

2,4,6-Tribromophenol

Concen: 58.87 ng

RT: 10.749 min Scan# 736

Delta R.T. -0.012 min

Lab File: BF090559.D

Acq: 14 Oct 2016 10:07

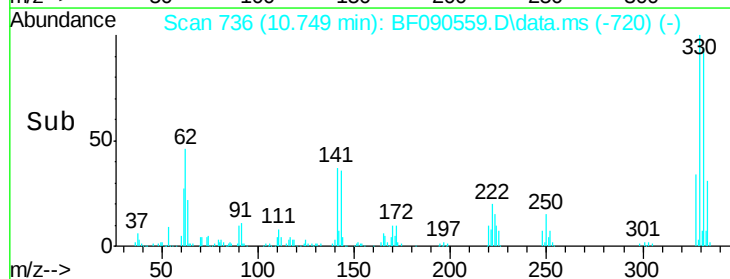
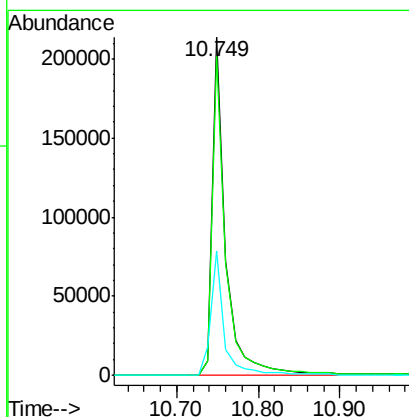
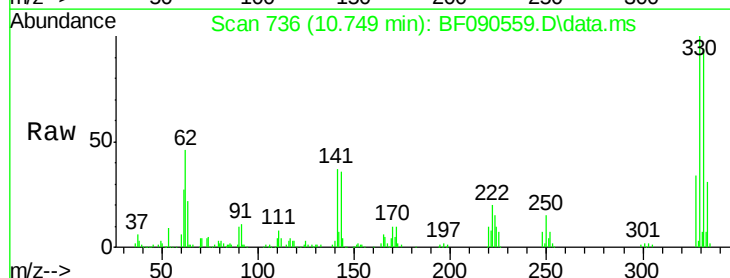
Tgt Ion:330 Resp: 247242

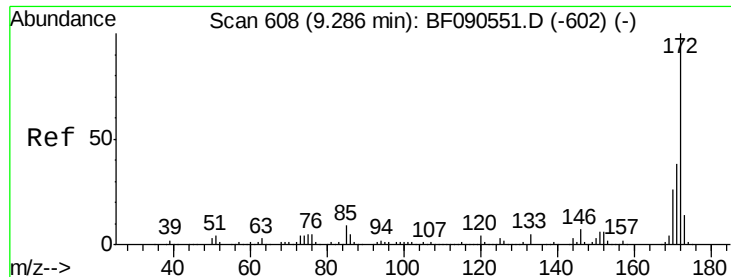
Ion Ratio Lower Upper

330 100

332 96.0 76.2 114.2

141 38.0 31.4 47.2

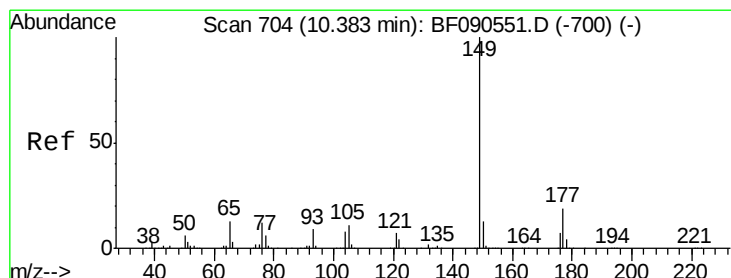
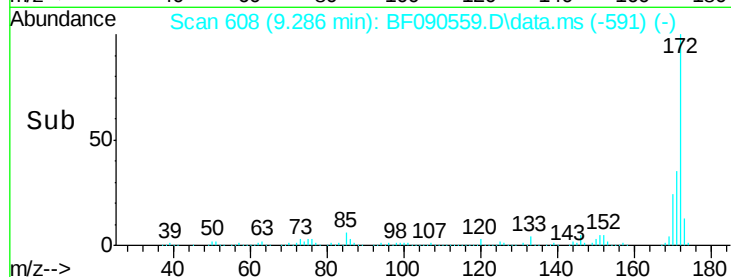
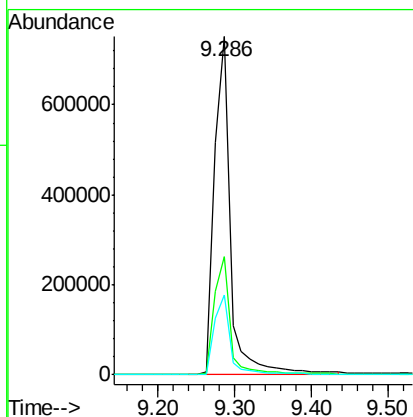
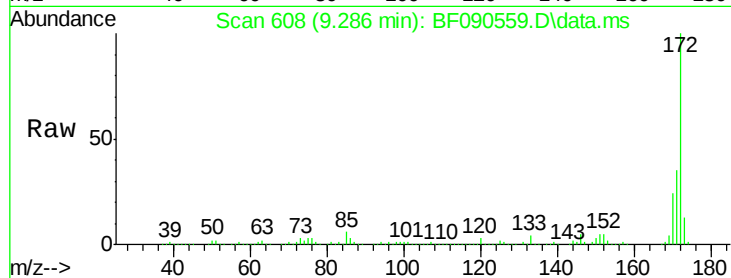




#44
2-Fluorobiphenyl
Concen: 37.91 ng
RT: 9.286 min Scan# 60
Delta R.T. -0.000 min
Lab File: BF090559.D
Acq: 14 Oct 2016 10:07

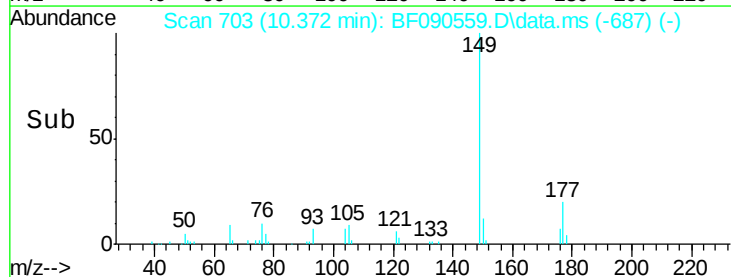
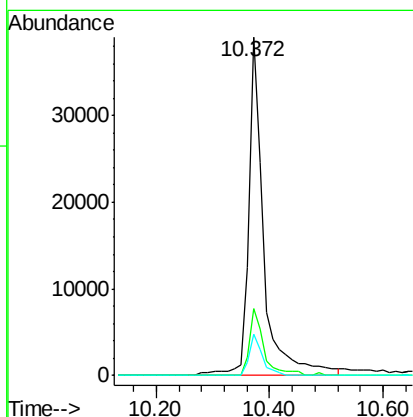
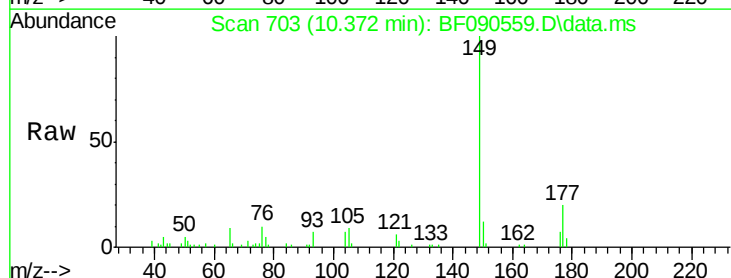
Instrument :
BNA_F
ClientSampleId :
WC-WH-DRUM-02-C

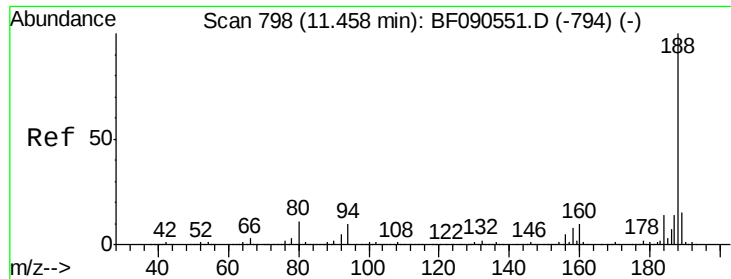
Tot Ion:172 Resp: 1083870
Ion Ratio Lower Upper
172 100
171 34.9 30.1 45.1
170 23.5 20.6 30.8



#59
Diethylphthalate
Concen: 2.35 ng
RT: 10.372 min Scan# 703
Delta R.T. -0.011 min
Lab File: BF090559.D
Acq: 14 Oct 2016 10:07

Tgt Ion:149 Resp: 72701
Ion Ratio Lower Upper
149 100
177 19.6 15.3 22.9
150 12.2 10.3 15.5

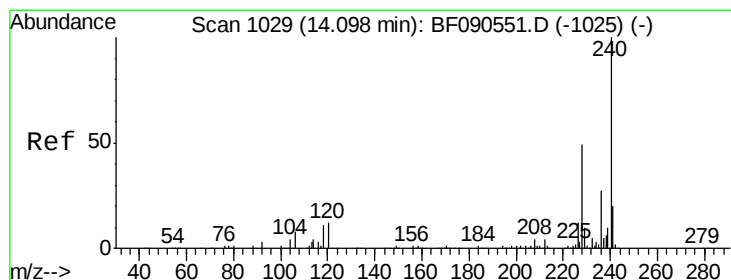
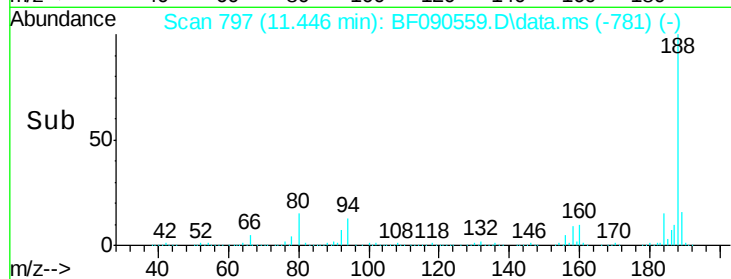
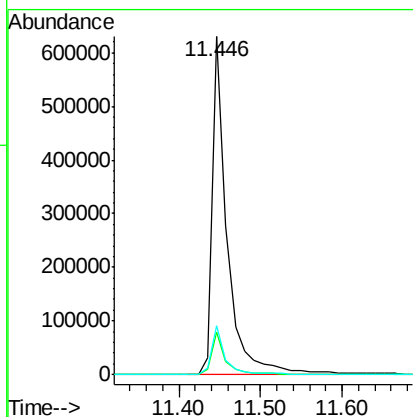
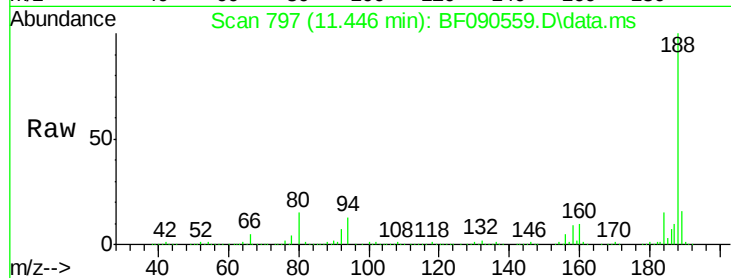




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.446 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF090559.D
Acq: 14 Oct 2016 10:07

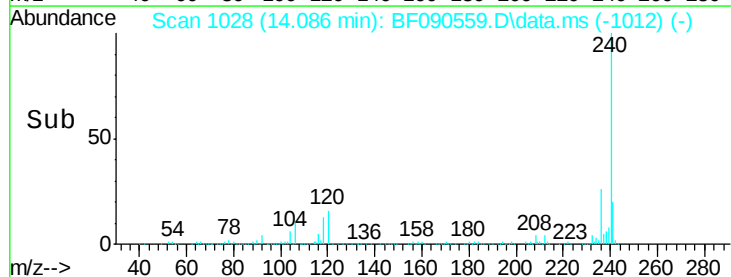
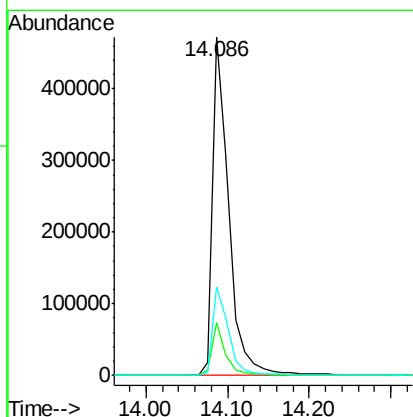
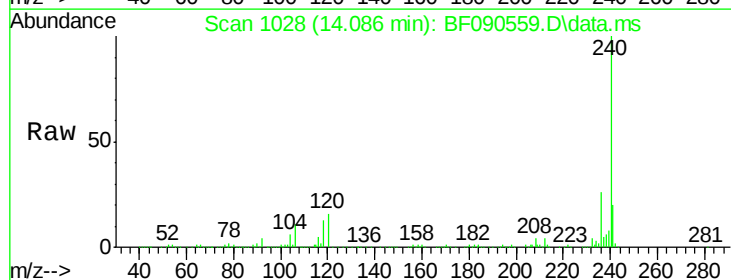
Instrument :
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ClientSampleId :
WC-WH-DRUM-02-C

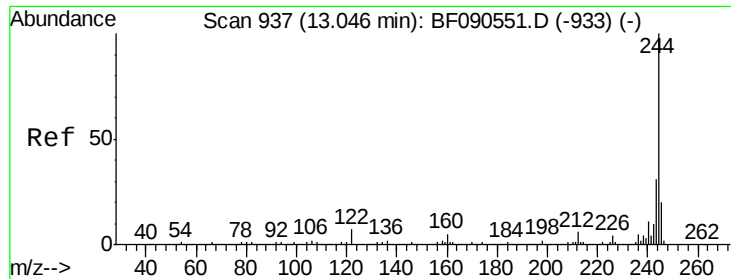
Tot Ion:188 Resp: 807639
Ion Ratio Lower Upper
188 100
94 12.6 7.7 11.5#
80 14.6 8.6 12.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.086 min Scan# 1028
Delta R.T. -0.012 min
Lab File: BF090559.D
Acq: 14 Oct 2016 10:07

Tgt Ion:240 Resp: 656313
Ion Ratio Lower Upper
240 100
120 15.7 9.8 14.8#
236 26.1 21.7 32.5





#78

Terphenyl-d14

Concen: 44.62 ng

RT: 13.035 min Scan# 93

Delta R.T. -0.011 min

Lab File: BF090559.D

Acq: 14 Oct 2016 10:07

Instrument :

BNA_F

ClientSampleId :

WC-WH-DRUM-02-C

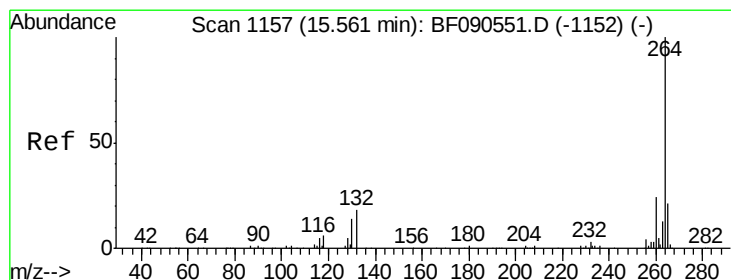
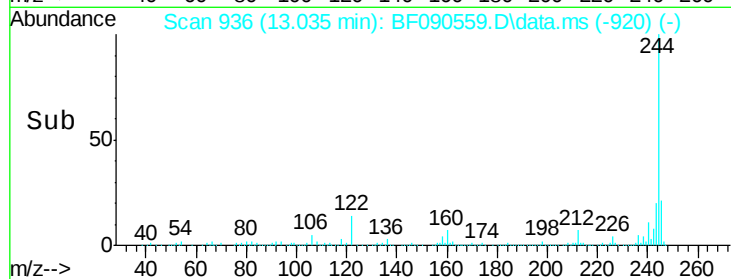
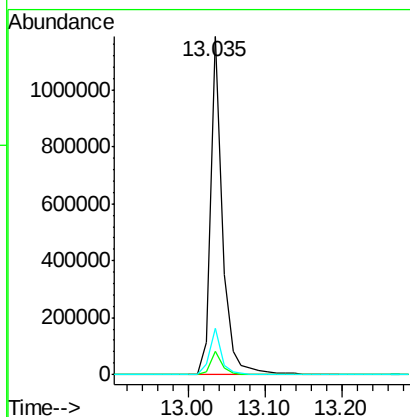
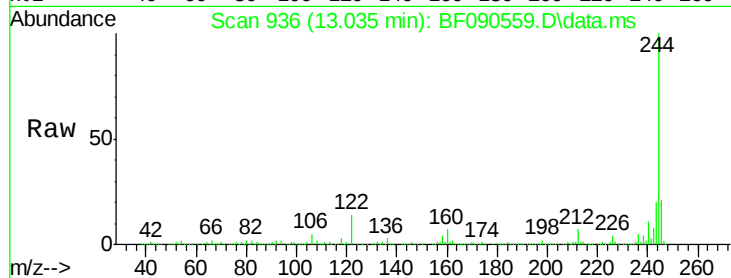
Tot Ion:244 Resp: 1257708

Ion Ratio Lower Upper

244 100

212 7.0 5.0 7.4

122 13.6 5.6 8.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.550 min Scan# 1156

Delta R.T. -0.012 min

Lab File: BF090559.D

Acq: 14 Oct 2016 10:07

Tgt Ion:264 Resp: 392313

Ion Ratio Lower Upper

264 100

260 24.2 19.3 28.9

265 21.1 16.7 25.1

