

Data Path : Z:\HPCHEM1\BNA F\Data\BF101416\
 Data File : BF090567.D
 Acq On : 14 Oct 2016 13:50
 Operator : UM/SJ
 Sample : H4977-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 15M

Quant Time: Oct 14 14:14:40 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)

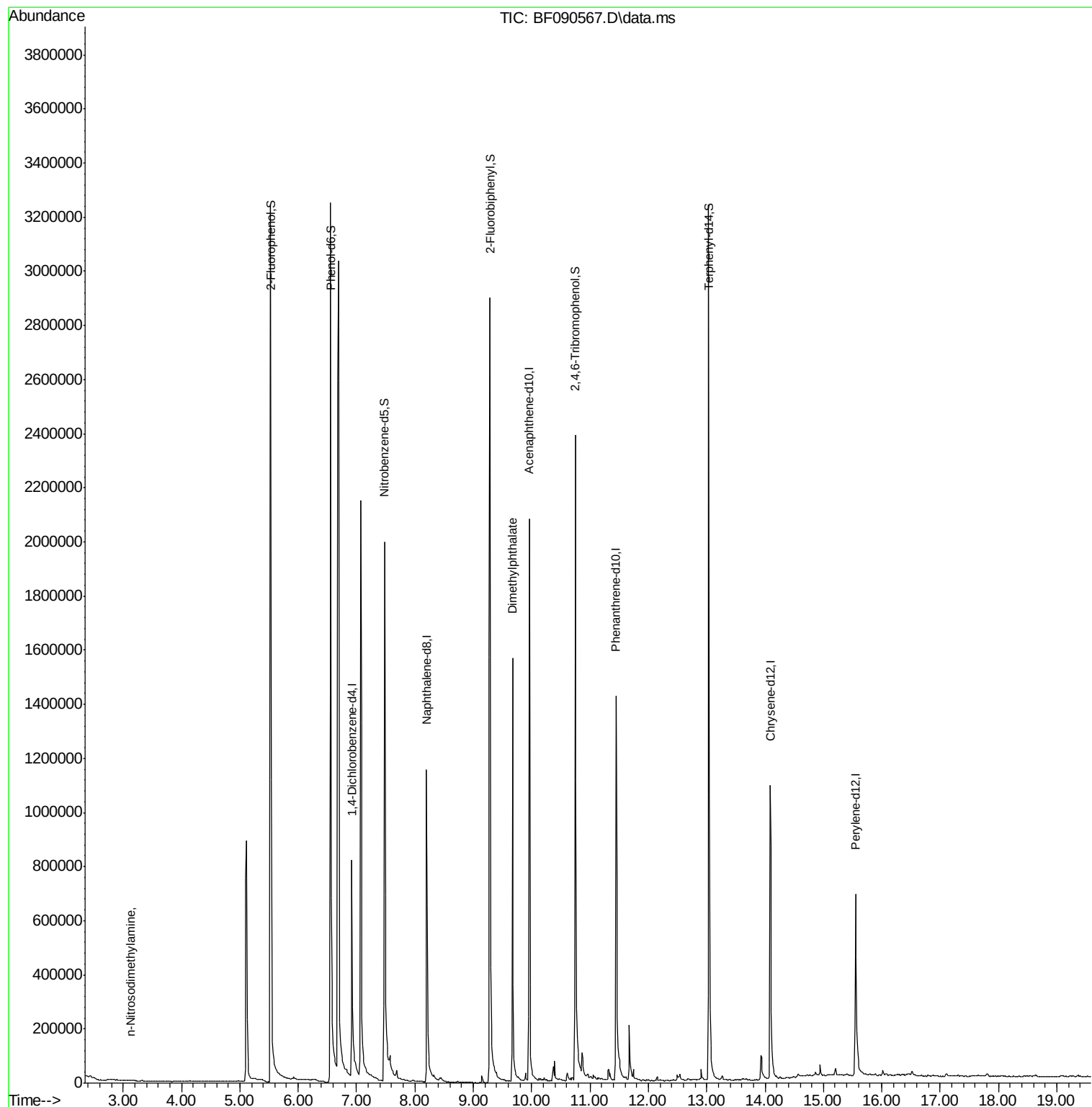
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.920	152	198363	20.00	ng	0.00
21) Naphthalene-d8	8.200	136	850308	20.00	ng	-0.01
38) Acenaphthene-d10	9.960	164	470392	20.00	ng	-0.01
63) Phenanthrene-d10	11.446	188	776545	20.00	ng	-0.01
75) Chrysene-d12	14.087	240	616986	20.00	ng	-0.01
86) Perylene-d12	15.550	264	400663	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	1176179	108.70	ng	0.00
7) Phenol-d6	6.554	99	1761528	109.56	ng	0.00
23) Nitrobenzene-d5	7.480	82	1023865	66.89	ng	-0.01
41) 2,4,6-Tribromophenol	10.749	330	400182	95.42	ng	-0.01
44) 2-Fluorobiphenyl	9.286	172	1358658	47.59	ng	0.00
78) Terphenyl-d14	13.035	244	1213501	45.80	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.126	42	418	7.24	ng	Qvalue # 1
49) Dimethylphthalate	9.675	163	718969	23.56	ng	99

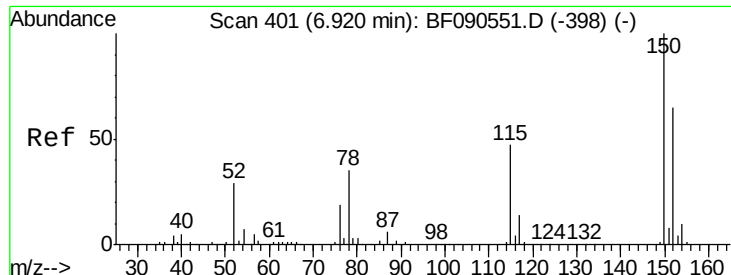
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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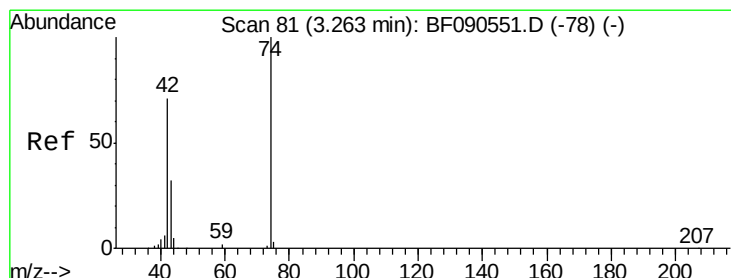
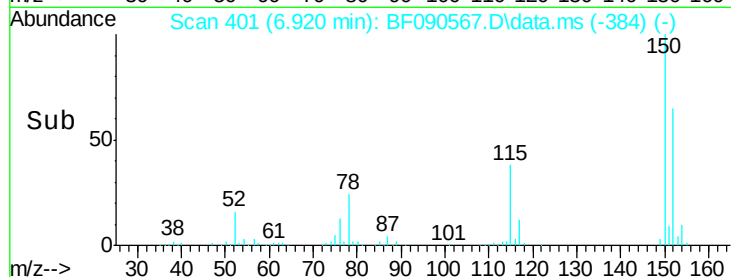
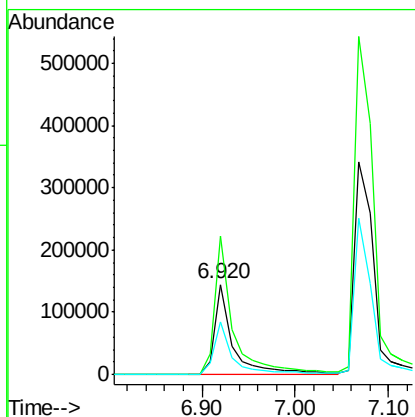
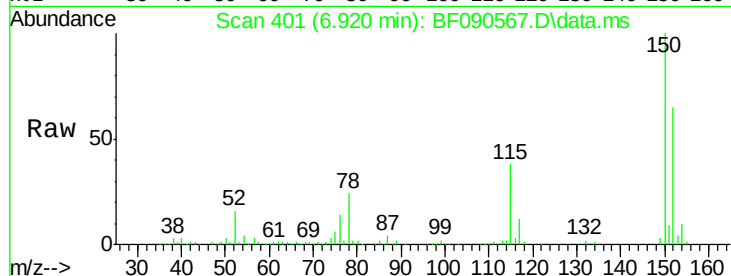




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.920 min Scan# 40
 Delta R.T. 0.000 min
 Lab File: BF090567.D
 Acq: 14 Oct 2016 13:50

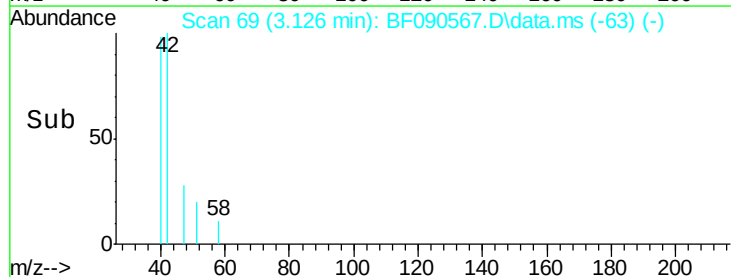
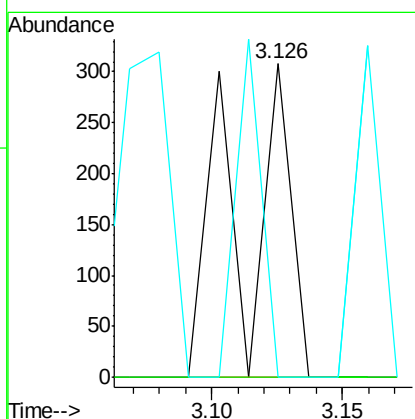
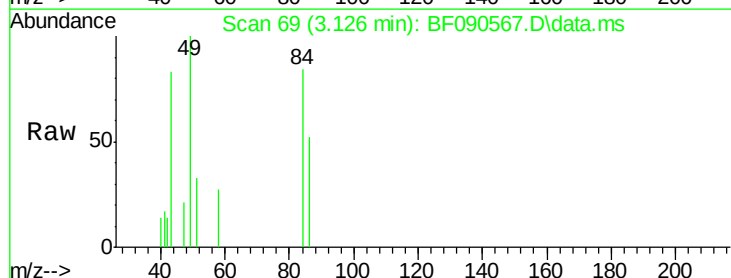
Instrument :
 BNA_F
 ClientSampleId :
 15M

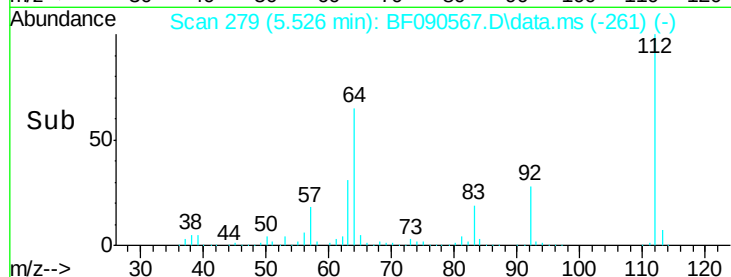
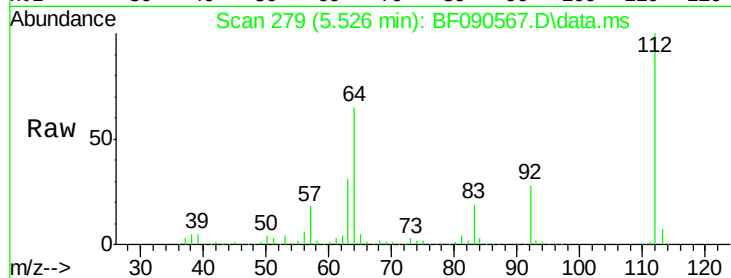
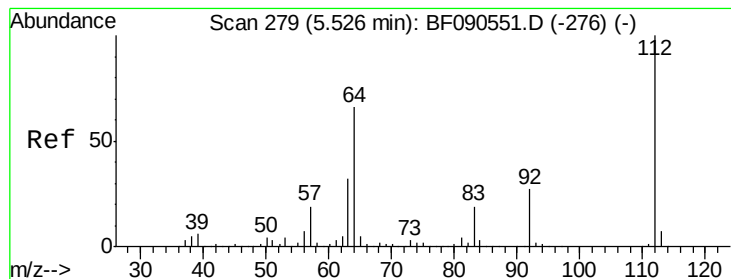
Tot Ion:152 Resp: 198363
 Ion Ratio Lower Upper
 152 100
 150 153.9 127.2 190.8
 115 58.2 58.6 88.0#



#4
 n-Nitrosodimethylamine
 Concen: 7.24 ng
 RT: 3.126 min Scan# 69
 Delta R.T. -0.136 min
 Lab File: BF090567.D
 Acq: 14 Oct 2016 13:50

Tgt Ion: 42 Resp: 418
 Ion Ratio Lower Upper
 42 100
 74 0.0 113.3 169.9#
 44 0.0 6.0 9.0#





#5

2-Fluorophenol

Concen: 108.70 ng

RT: 5.526 min Scan# 27

Delta R.T. 0.001 min

Lab File: BF090567.D

Acq: 14 Oct 2016 13:50

Instrument :

BNA_F

ClientSampleId :

15M

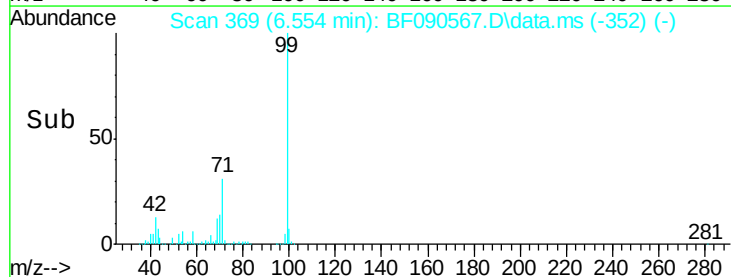
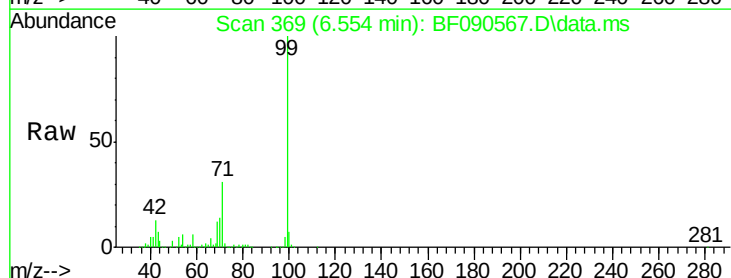
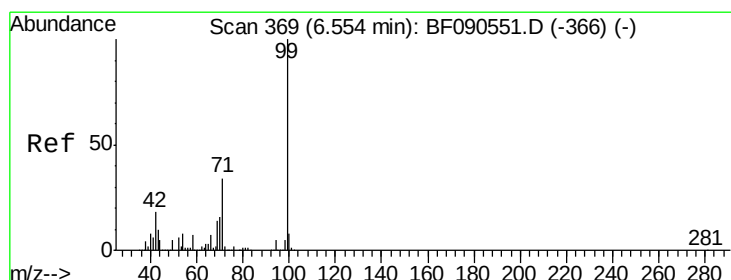
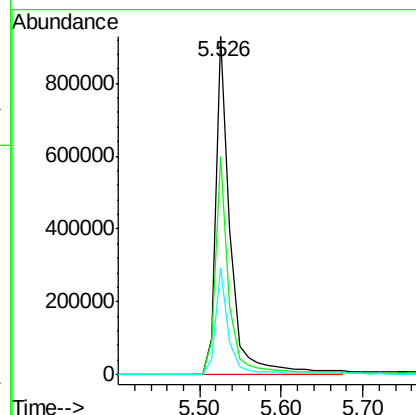
Tot Ion:112 Resp: 1176179

Ion Ratio Lower Upper

112 100

64 64.6 52.6 78.8

63 31.3 26.0 39.0



#7

Phenol-d6

Concen: 109.56 ng

RT: 6.554 min Scan# 369

Delta R.T. 0.000 min

Lab File: BF090567.D

Acq: 14 Oct 2016 13:50

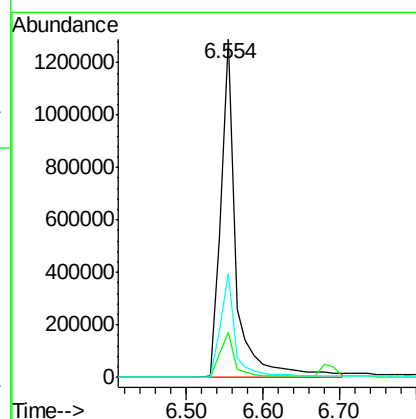
Tgt Ion: 99 Resp: 1761528

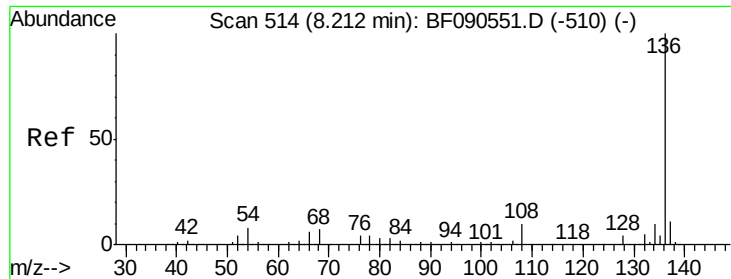
Ion Ratio Lower Upper

99 100

42 13.4 14.7 22.1#

71 30.7 27.6 41.4

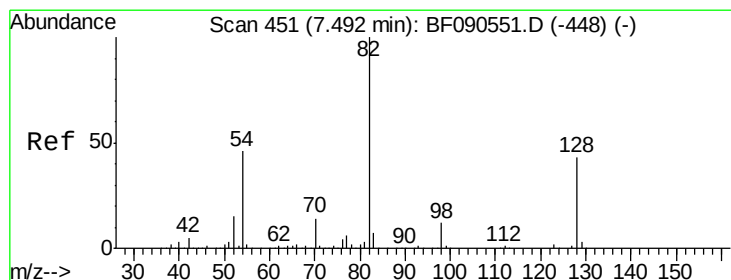
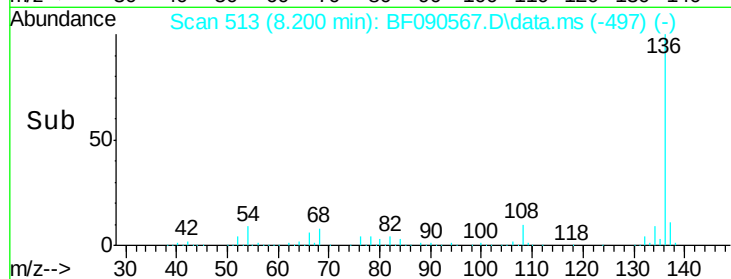
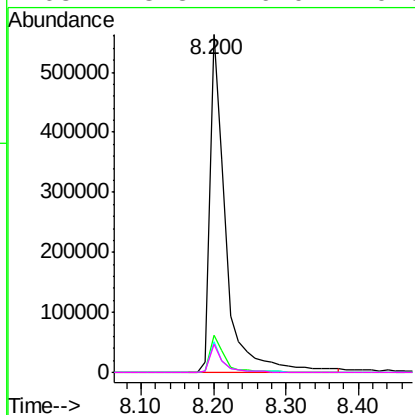
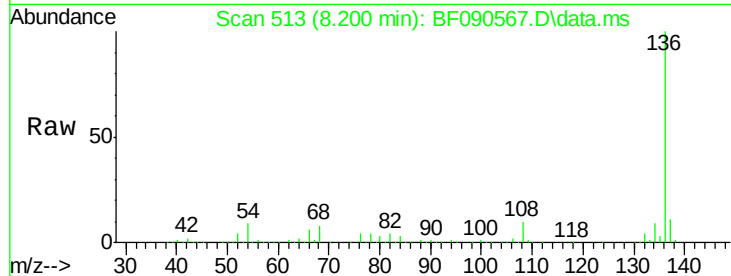




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.200 min Scan# 51
Delta R.T. -0.011 min
Lab File: BF090567.D
Acq: 14 Oct 2016 13:50

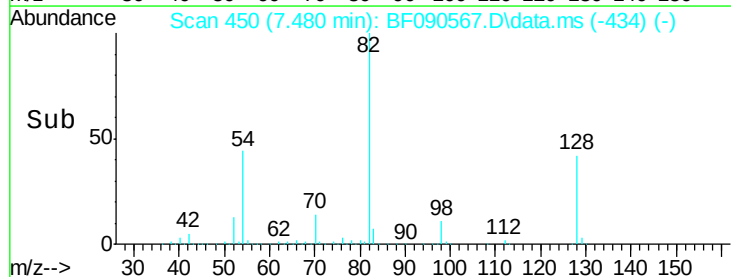
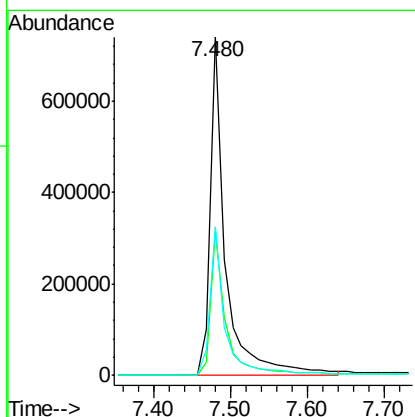
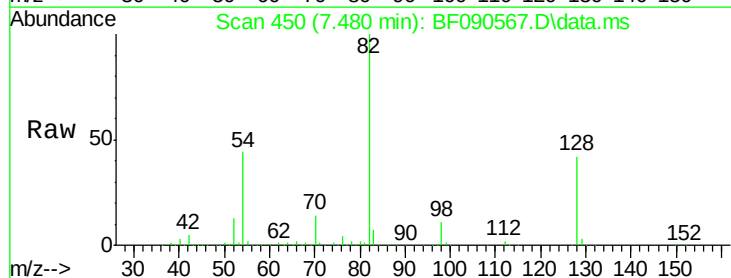
Instrument :
BNA_F
ClientSampleId :
15M

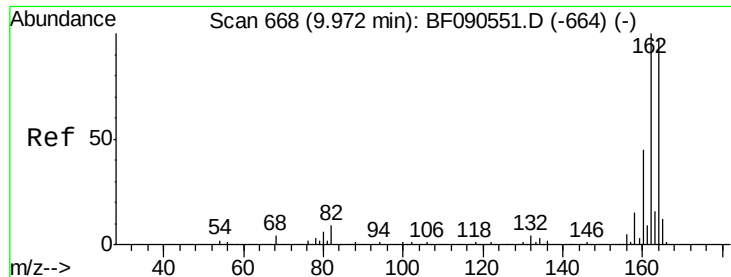
Tot Ion:	136	Resp:	850308
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.8	13.2
54	9.2	6.8	10.2
68	8.3	6.0	9.0



#23
Nitrobenzene-d5
Concen: 66.89 ng
RT: 7.480 min Scan# 450
Delta R.T. -0.011 min
Lab File: BF090567.D
Acq: 14 Oct 2016 13:50

Tgt Ion:	82	Resp:	1023865
Ion Ratio	Lower	Upper	
82	100		
128	42.3	34.3	51.5
54	44.1	37.0	55.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.960 min Scan# 66

Delta R.T. -0.011 min

Lab File: BF090567.D

Acq: 14 Oct 2016 13:50

Instrument :

BNA_F

ClientSampleId :

15M

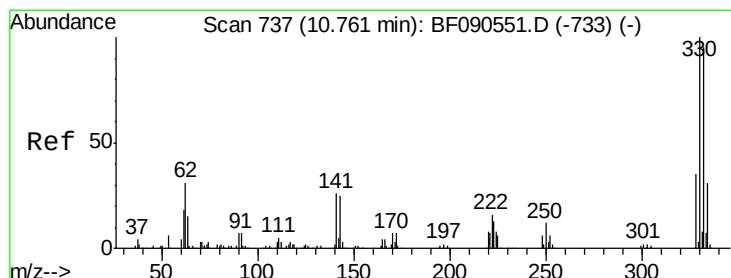
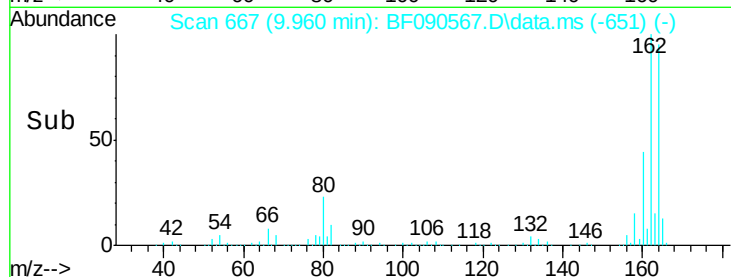
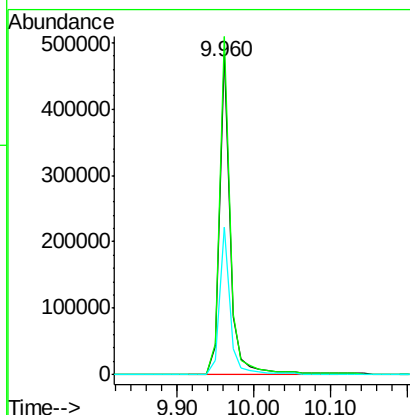
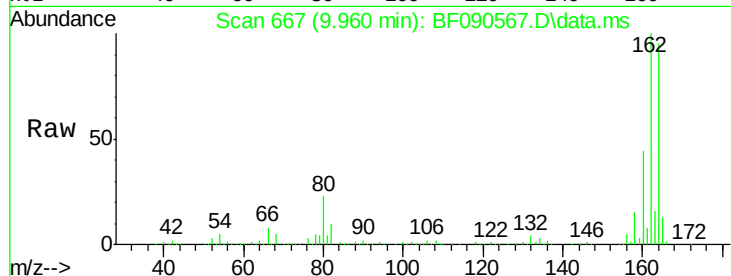
Tot Ion:164 Resp: 470392

Ion Ratio Lower Upper

164 100

162 105.6 82.2 123.4

160 46.0 36.6 55.0



#41

2,4,6-Tribromophenol

Concen: 95.42 ng

RT: 10.749 min Scan# 736

Delta R.T. -0.011 min

Lab File: BF090567.D

Acq: 14 Oct 2016 13:50

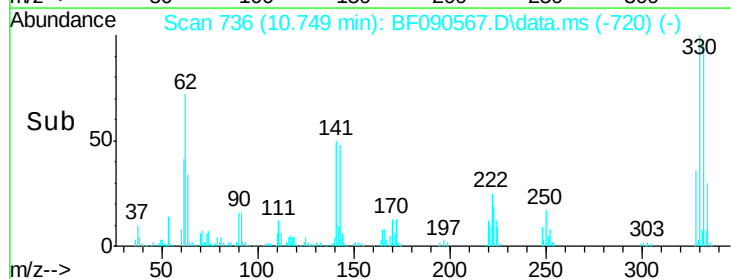
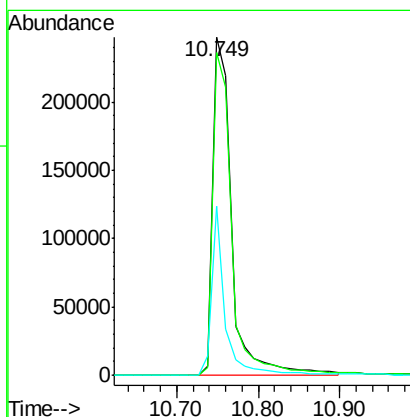
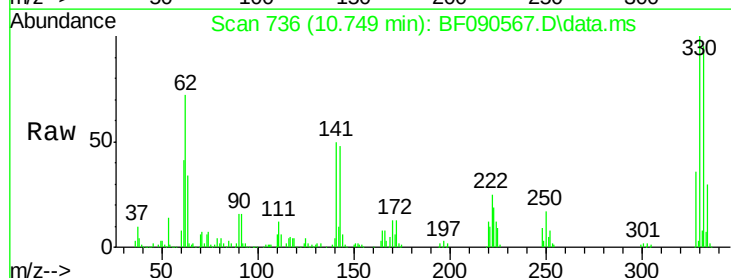
Tgt Ion:330 Resp: 400182

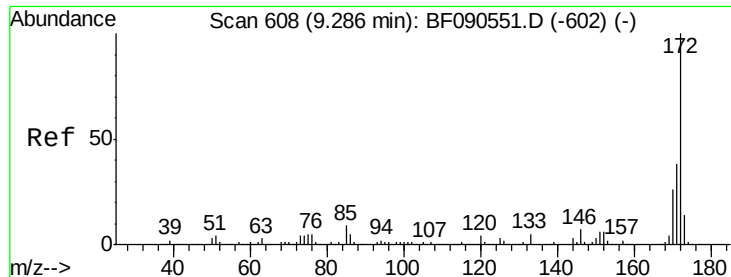
Ion Ratio Lower Upper

330 100

332 95.9 76.2 114.2

141 36.0 31.4 47.2

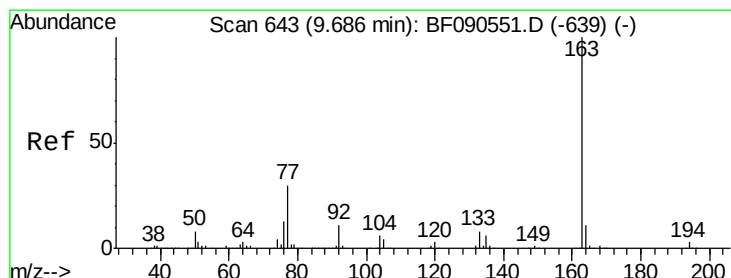
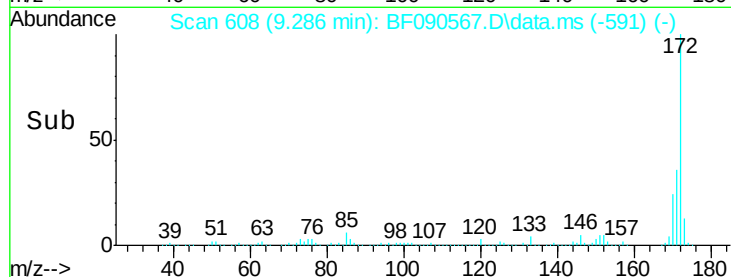
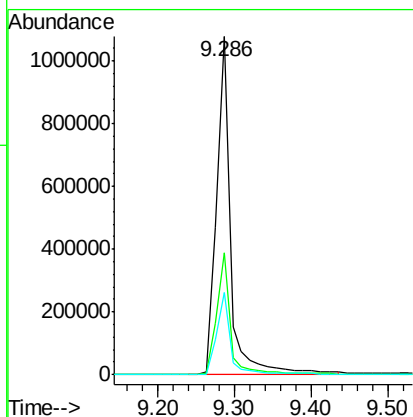
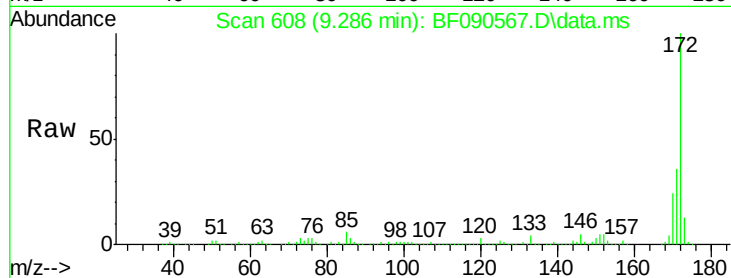




#44
2-Fluorobiphenyl
Concen: 47.59 ng
RT: 9.286 min Scan# 60
Delta R.T. 0.000 min
Lab File: BF090567.D
Acq: 14 Oct 2016 13:50

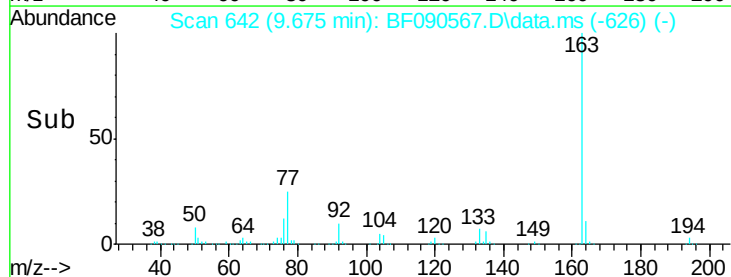
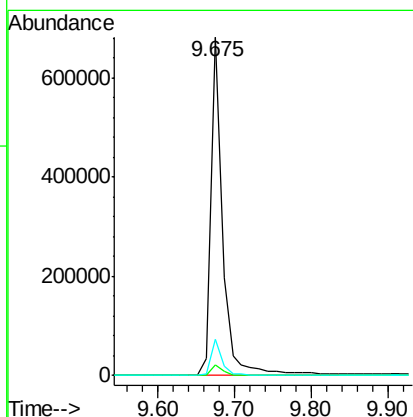
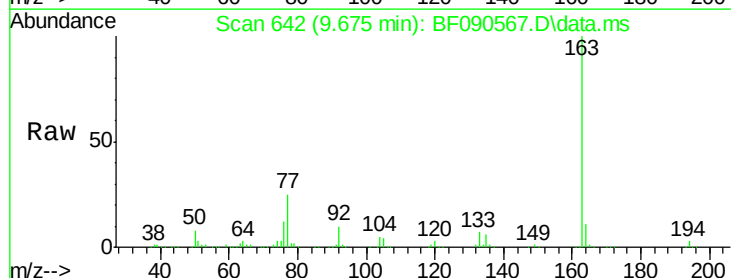
Instrument :
BNA_F
ClientSampleId :
15M

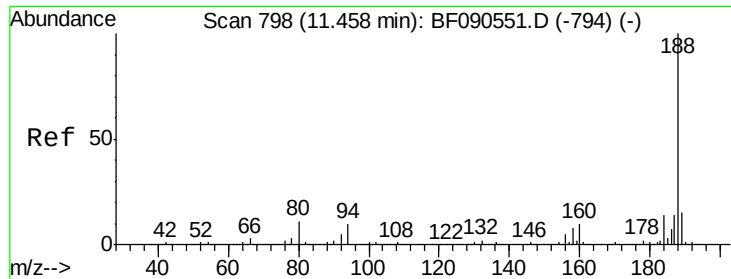
Tot Ion:172 Resp: 1358658
Ion Ratio Lower Upper
172 100
171 35.8 30.1 45.1
170 24.1 20.6 30.8



#49
Dimethylphthalate
Concen: 23.56 ng
RT: 9.675 min Scan# 642
Delta R.T. -0.011 min
Lab File: BF090567.D
Acq: 14 Oct 2016 13:50

Tgt Ion:163 Resp: 718969
Ion Ratio Lower Upper
163 100
194 3.2 2.3 3.5
164 10.6 8.6 13.0

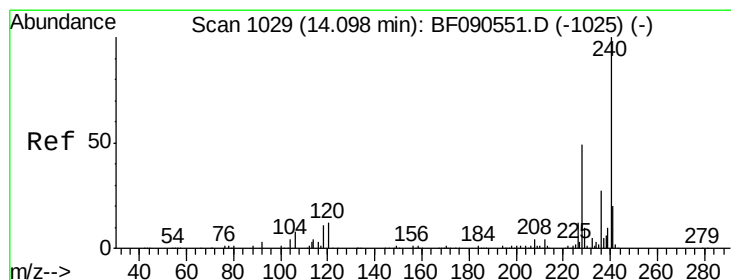
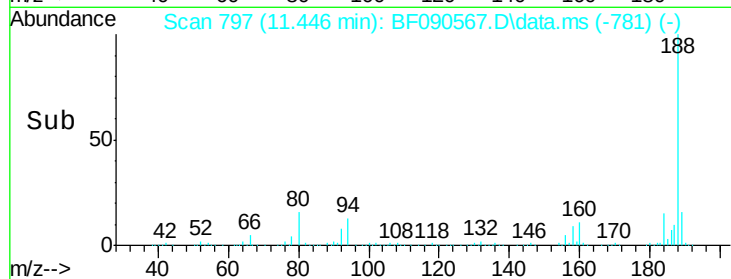
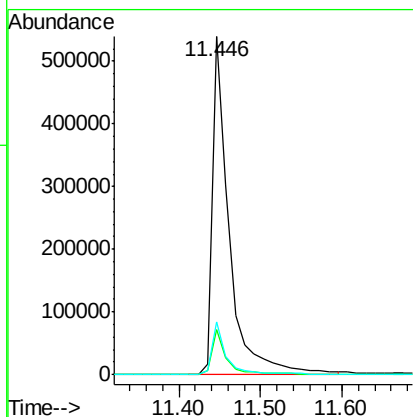
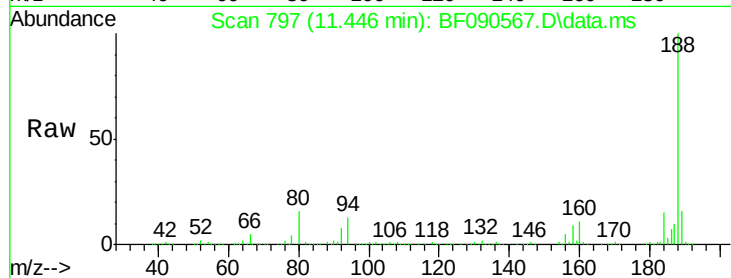




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.446 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF090567.D
 Acq: 14 Oct 2016 13:50

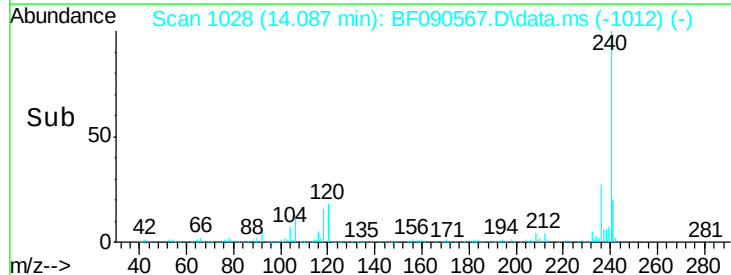
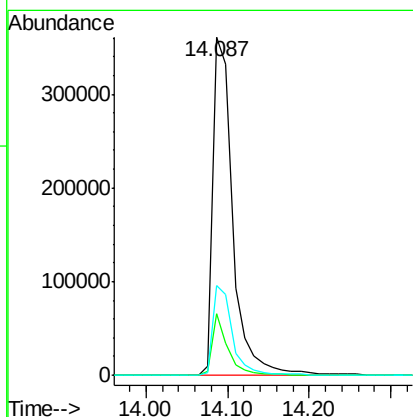
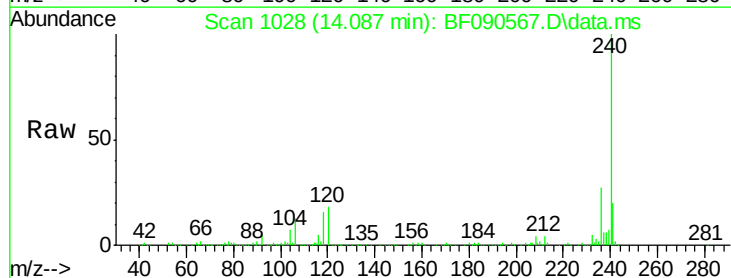
Instrument :
 BNA_F
 ClientSampleId :
 15M

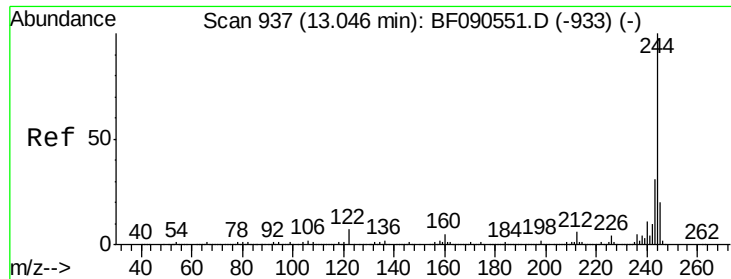
Tot Ion:188 Resp: 776545
 Ion Ratio Lower Upper
 188 100
 94 13.3 7.7 11.5#
 80 15.5 8.6 12.8#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.087 min Scan# 1028
 Delta R.T. -0.011 min
 Lab File: BF090567.D
 Acq: 14 Oct 2016 13:50

Tgt Ion:240 Resp: 616986
 Ion Ratio Lower Upper
 240 100
 120 18.2 9.8 14.8#
 236 26.7 21.7 32.5





#78

Terphenyl-d14

Concen: 45.80 ng

RT: 13.035 min Scan# 93

Delta R.T. -0.011 min

Lab File: BF090567.D

Acq: 14 Oct 2016 13:50

Instrument :

BNA_F

ClientSampleId :

15M

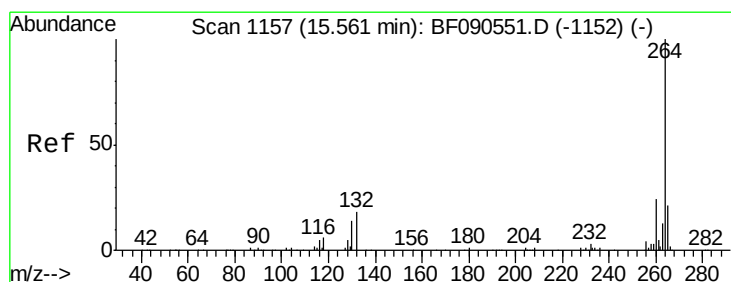
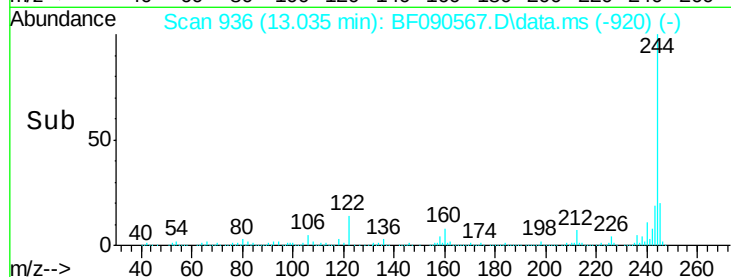
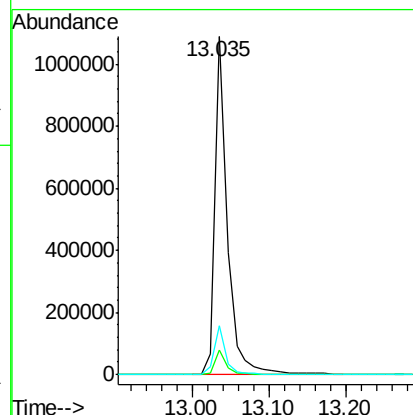
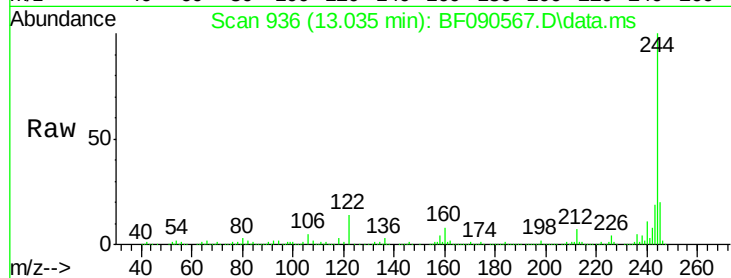
Tot Ion:244 Resp: 1213501

Ion Ratio Lower Upper

244 100

212 7.1 5.0 7.4

122 14.3 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: BF090567.D

Acq: 14 Oct 2016 13:50

Tgt Ion:264 Resp: 400663

Ion Ratio Lower Upper

264 100

260 24.6 19.3 28.9

265 21.6 16.7 25.1

