

Data Path : Z:\HPCHEM1\BNA F\Data\BF101716\
 Data File : BF090611.D
 Acq On : 17 Oct 2016 16:54
 Operator : UM/SJ
 Sample : H5263-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-02-001-C

Quant Time: Oct 17 18:29:09 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

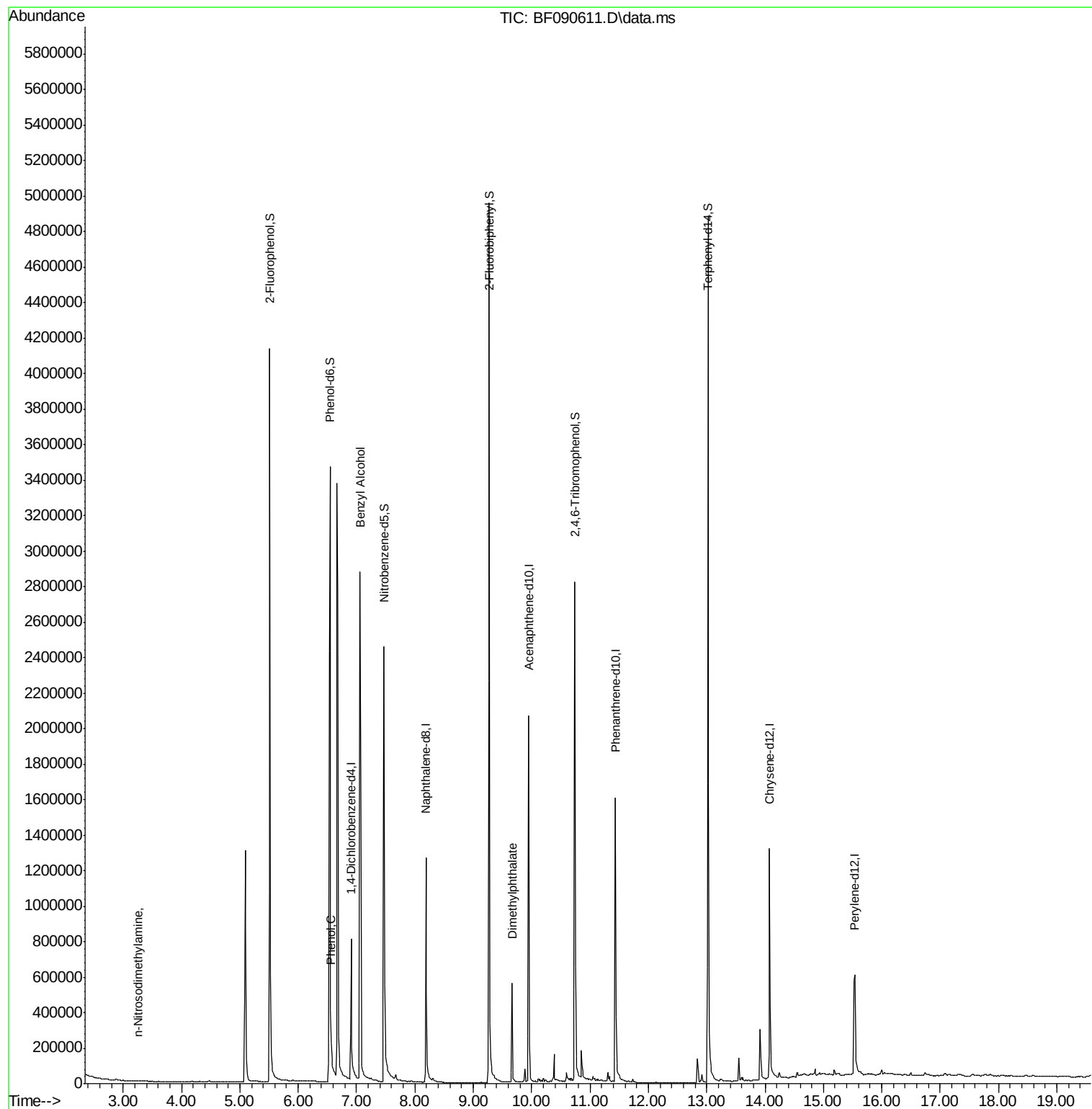
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.909	152	162861	20.00	ng	-0.01
21) Naphthalene-d8	8.189	136	707438	20.00	ng	-0.02
38) Acenaphthene-d10	9.949	164	405316	20.00	ng	-0.02
63) Phenanthrene-d10	11.435	188	630577	20.00	ng	-0.02
75) Chrysene-d12	14.075	240	512459	20.00	ng	-0.02
86) Perylene-d12	15.538	264	338700	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	1191445	134.12	ng	-0.01
7) Phenol-d6	6.543	99	1816778	137.63	ng	-0.01
23) Nitrobenzene-d5	7.469	82	1081182	84.90	ng	-0.02
41) 2,4,6-Tribromophenol	10.738	330	325701	90.13	ng	-0.02
44) 2-Fluorobiphenyl	9.275	172	1854915	75.41	ng	-0.01
78) Terphenyl-d14	13.024	244	1749452	79.49	ng	-0.02
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.263	42	1169	7.42	ng	# 1
10) Phenol	6.554	94	31719	2.10	ng	86
15) Benzyl Alcohol	7.057	79	18799	2.09	ng	# 52
49) Dimethylphthalate	9.663	163	211353	8.04	ng	98

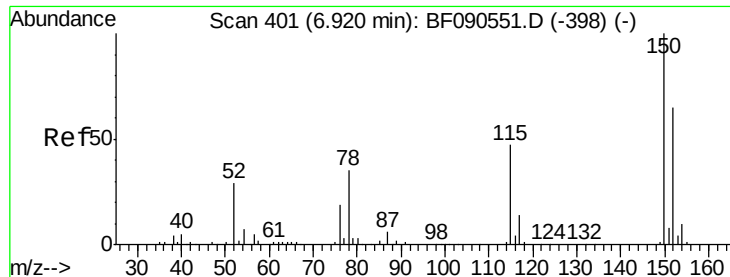
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF090611.D

Acq: 17 Oct 2016 16:54

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-C

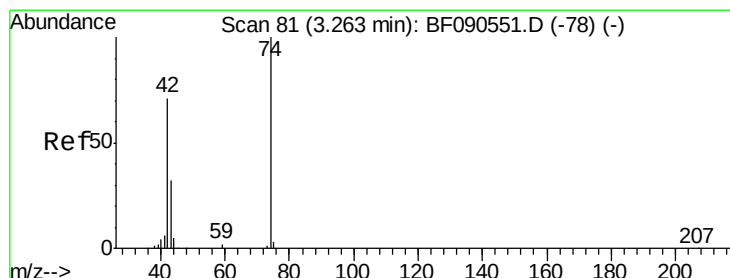
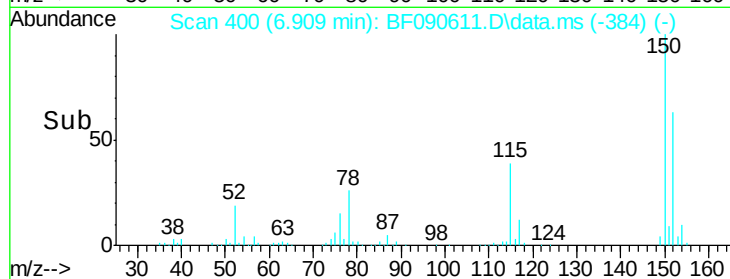
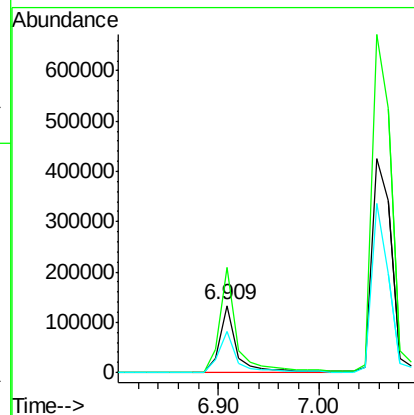
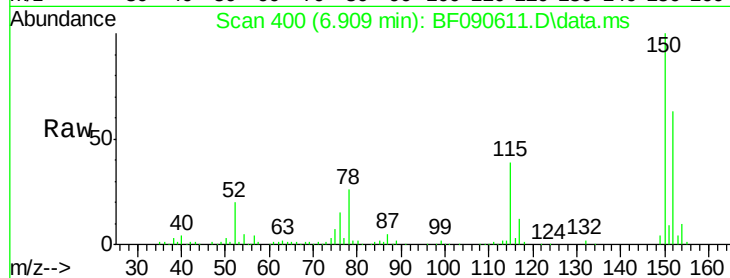
Tot Ion:152 Resp: 162861

Ion Ratio Lower Upper

152 100

150 158.1 127.2 190.8

115 61.7 58.6 88.0



#4

n-Nitrosodimethylamine

Concen: 7.42 ng

RT: 3.263 min Scan# 81

Delta R.T. 0.001 min

Lab File: BF090611.D

Acq: 17 Oct 2016 16:54

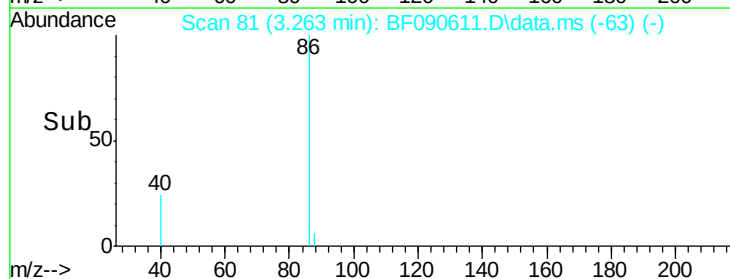
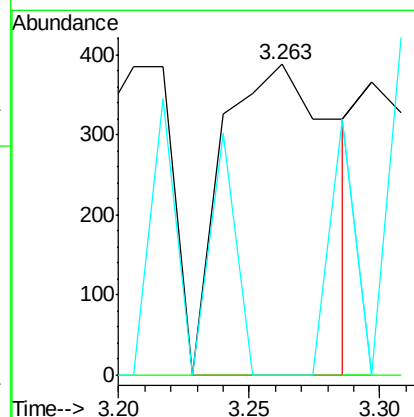
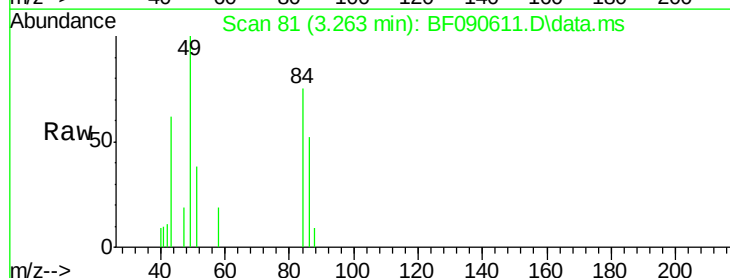
Tgt Ion: 42 Resp: 1169

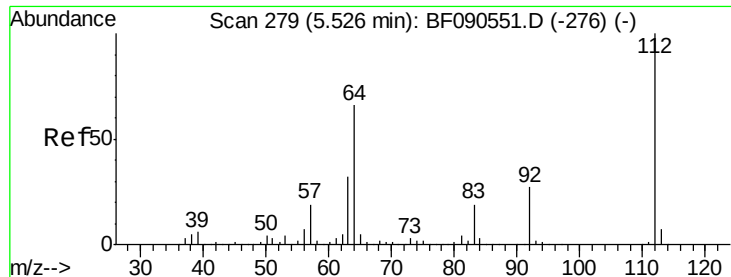
Ion Ratio Lower Upper

42 100

74 0.0 113.3 169.9#

44 0.0 6.0 9.0#





#5

2-Fluorophenol

Concen: 134.12 ng

RT: 5.514 min Scan# 27

Delta R.T. -0.011 min

Lab File: BF090611.D

Acq: 17 Oct 2016 16:54

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-C

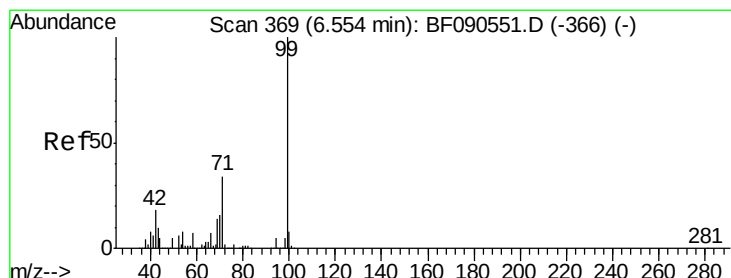
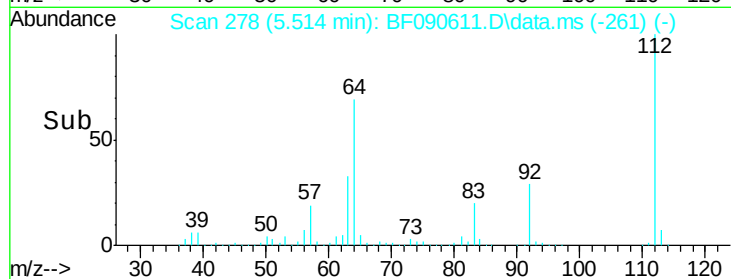
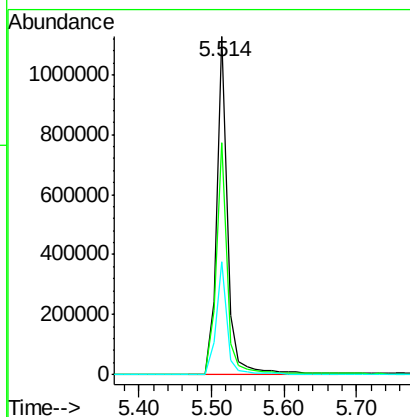
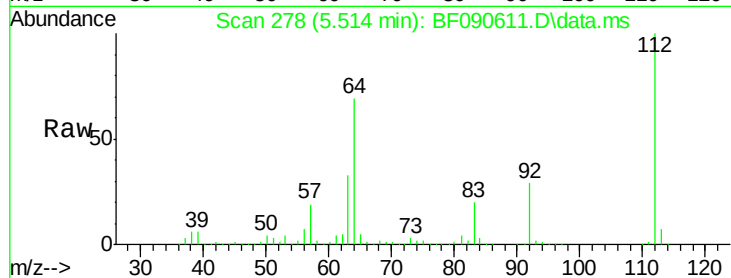
Tot Ion:112 Resp: 1191445

Ion Ratio Lower Upper

112 100

64 68.6 52.6 78.8

63 33.4 26.0 39.0



#7

Phenol-d6

Concen: 137.63 ng

RT: 6.543 min Scan# 368

Delta R.T. -0.011 min

Lab File: BF090611.D

Acq: 17 Oct 2016 16:54

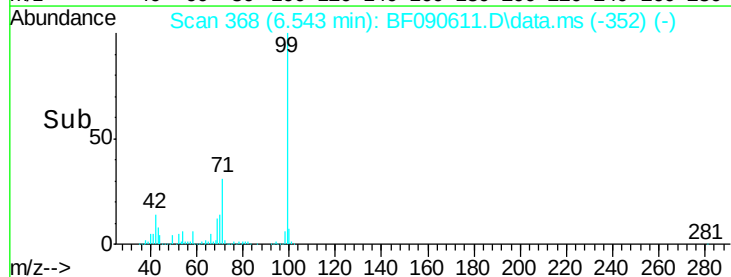
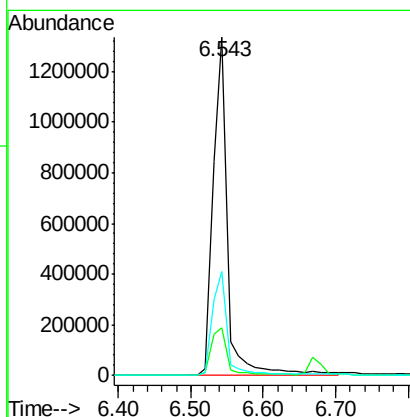
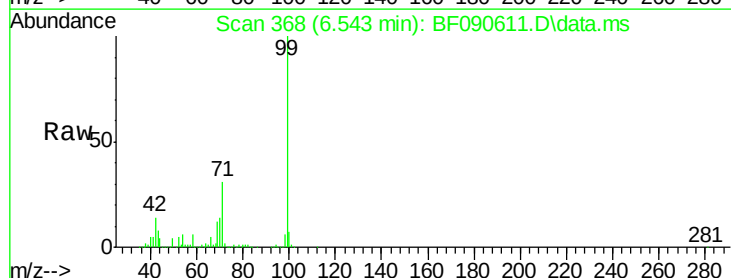
Tgt Ion: 99 Resp: 1816778

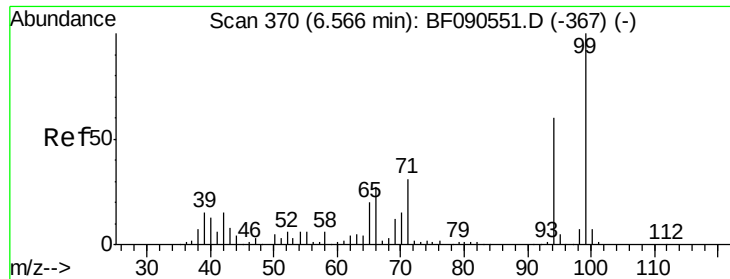
Ion Ratio Lower Upper

99 100

42 14.2 14.7 22.1#

71 30.9 27.6 41.4





#10

Phenol

Concen: 2.10 ng

RT: 6.554 min Scan# 36

Delta R.T. -0.011 min

Lab File: BF090611.D

Acq: 17 Oct 2016 16:54

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-C

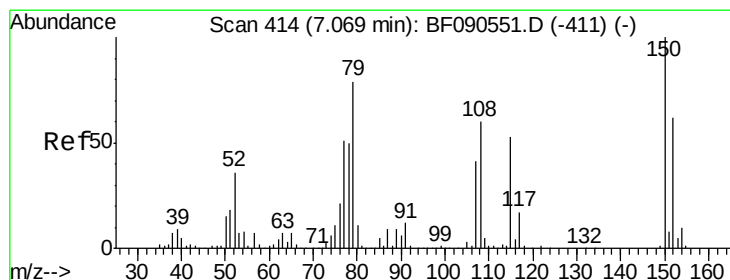
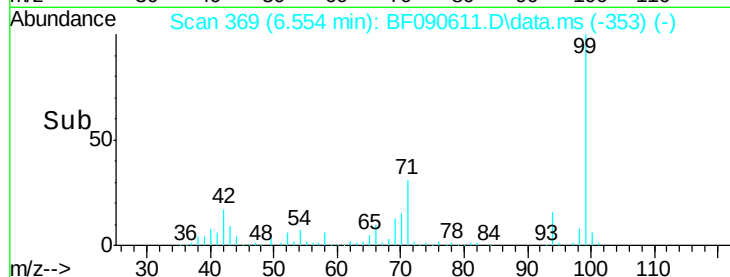
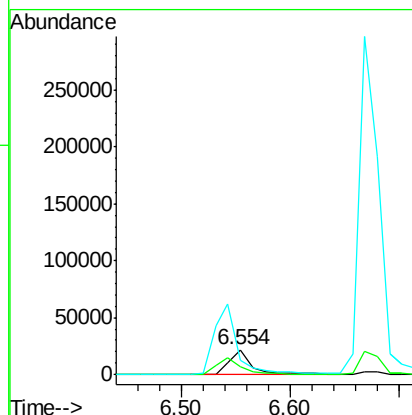
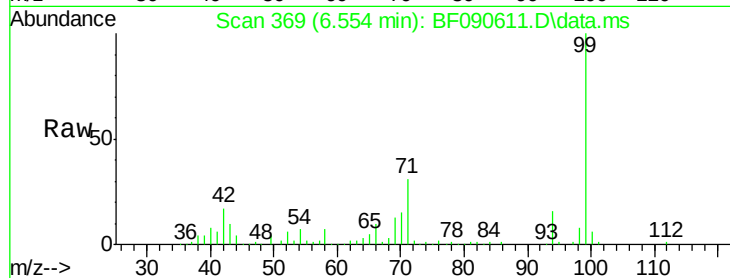
Tot Ion: 94 Resp: 31719

Ion Ratio Lower Upper

94 100

65 30.9 12.5 52.5

66 59.6 25.5 65.5



#15

Benzyl Alcohol

Concen: 2.09 ng

RT: 7.057 min Scan# 413

Delta R.T. -0.011 min

Lab File: BF090611.D

Acq: 17 Oct 2016 16:54

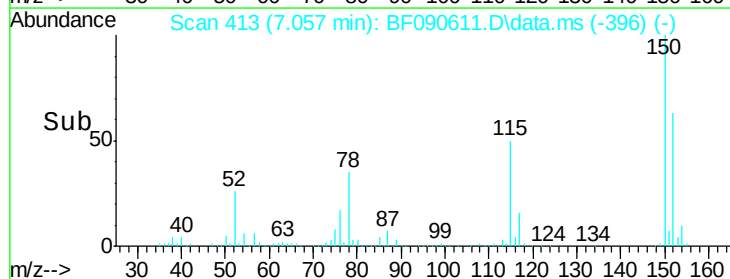
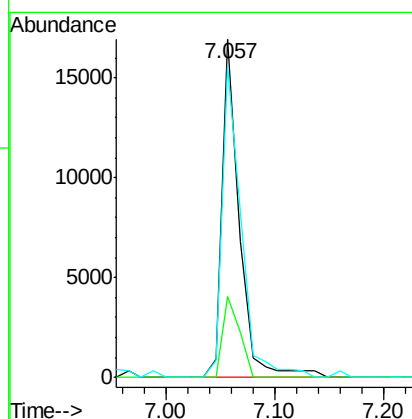
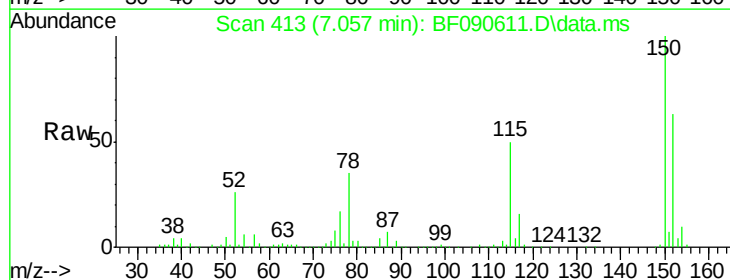
Tgt Ion: 79 Resp: 18799

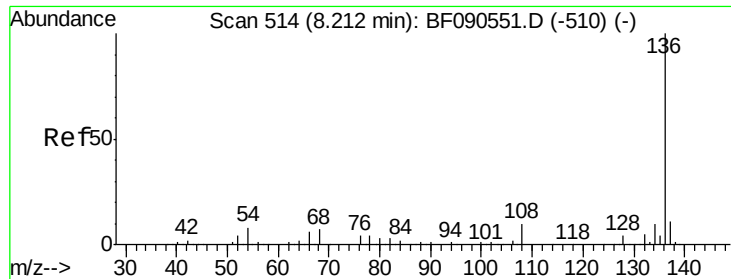
Ion Ratio Lower Upper

79 100

108 24.0 60.2 90.4#

77 92.1 52.0 78.0#

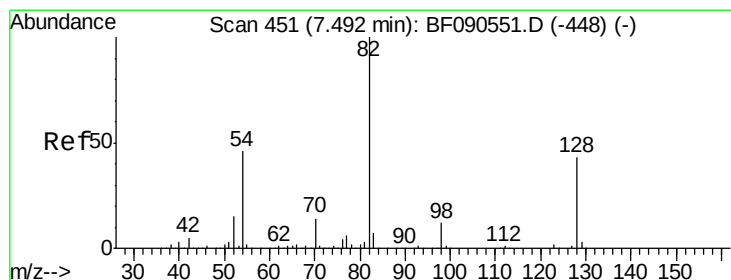
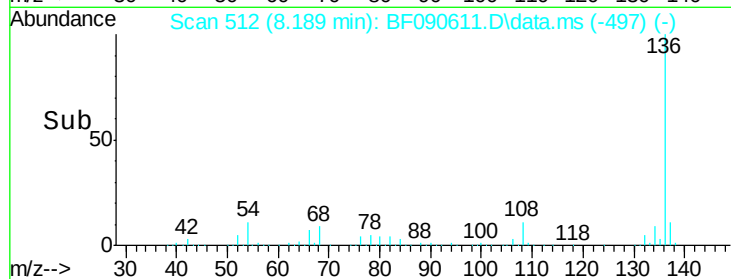
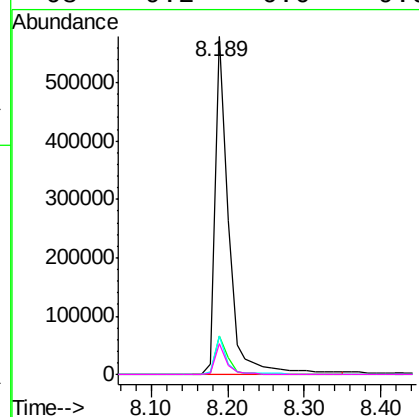
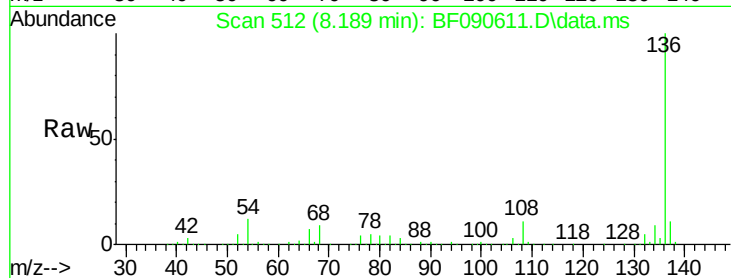




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.189 min Scan# 51
Delta R.T. -0.023 min
Lab File: BF090611.D
Acq: 17 Oct 2016 16:54

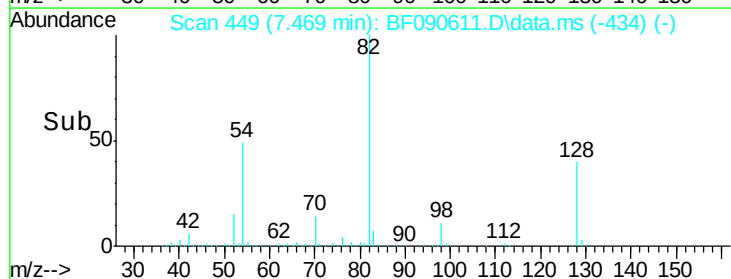
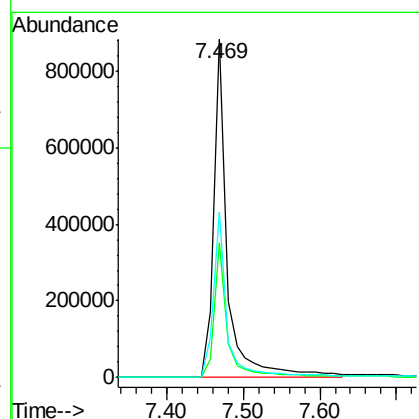
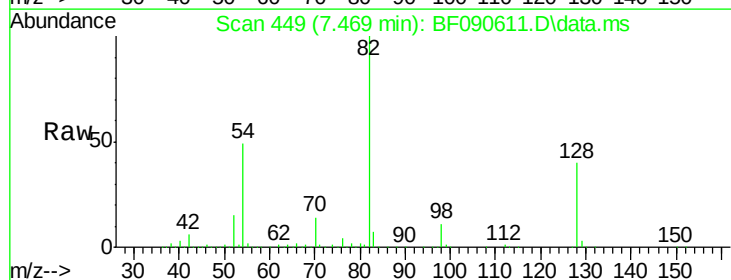
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-C

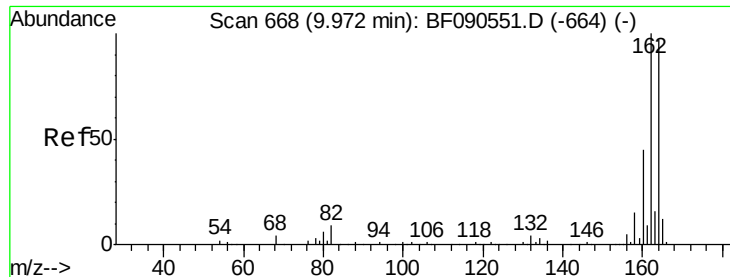
Tot Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.8	13.2
54	11.5	6.8	10.2
68	9.2	6.0	9.0



#23
Nitrobenzene-d5
Concen: 84.90 ng
RT: 7.469 min Scan# 449
Delta R.T. -0.023 min
Lab File: BF090611.D
Acq: 17 Oct 2016 16:54

Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.8	34.3	51.5
54	49.0	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: BF090611.D

Acq: 17 Oct 2016 16:54

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-C

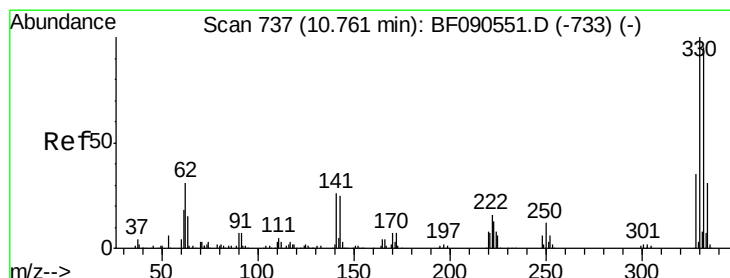
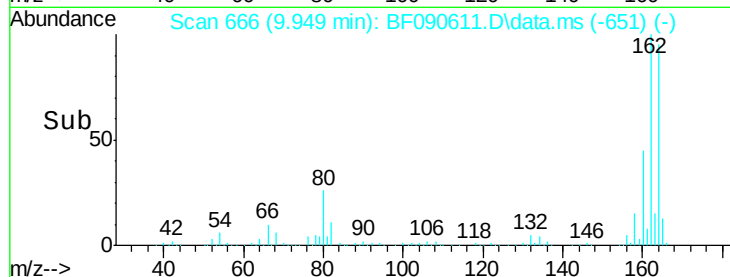
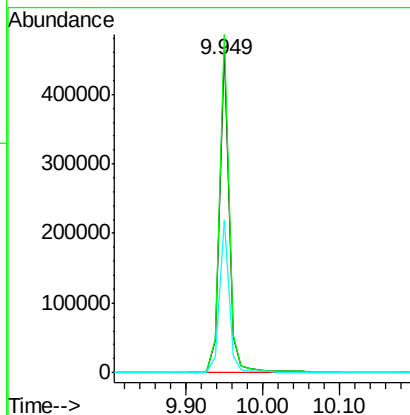
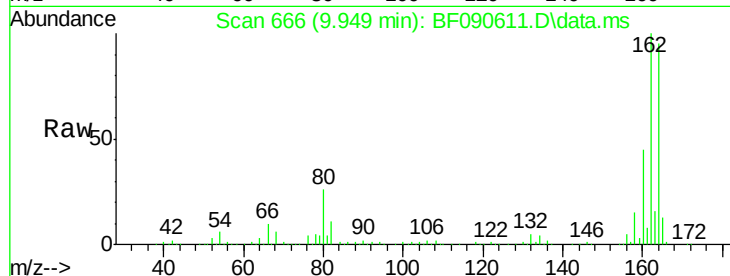
Tot Ion:164 Resp: 405316

Ion Ratio Lower Upper

164 100

162 104.8 82.2 123.4

160 47.3 36.6 55.0



#41

2,4,6-Tribromophenol

Concen: 90.13 ng

RT: 10.738 min Scan# 735

Delta R.T. -0.023 min

Lab File: BF090611.D

Acq: 17 Oct 2016 16:54

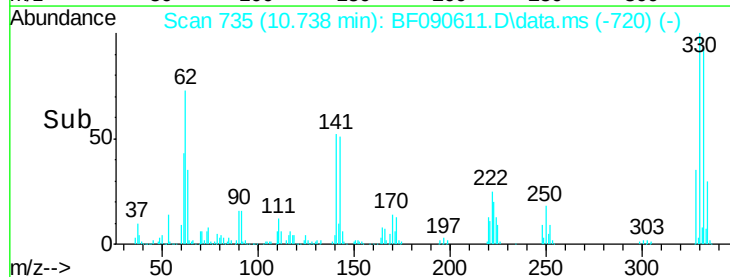
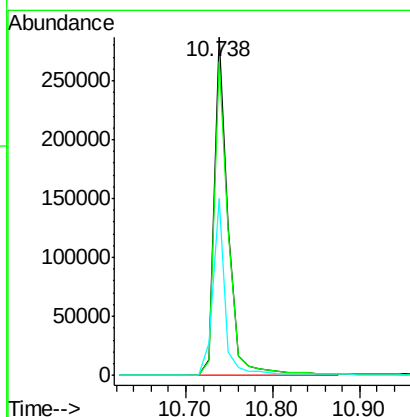
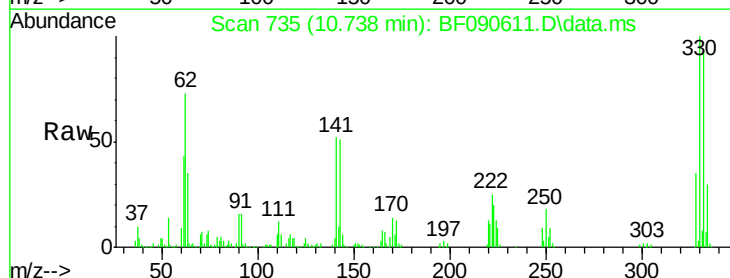
Tgt Ion:330 Resp: 325701

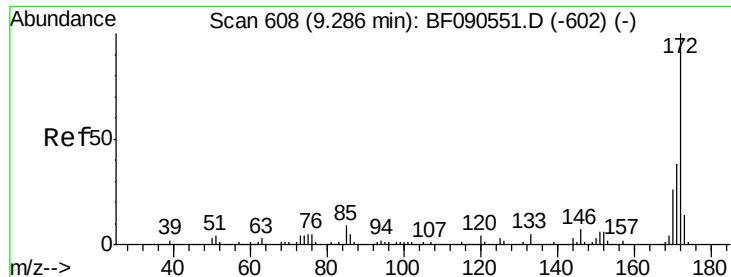
Ion Ratio Lower Upper

330 100

332 94.6 76.2 114.2

141 46.6 31.4 47.2

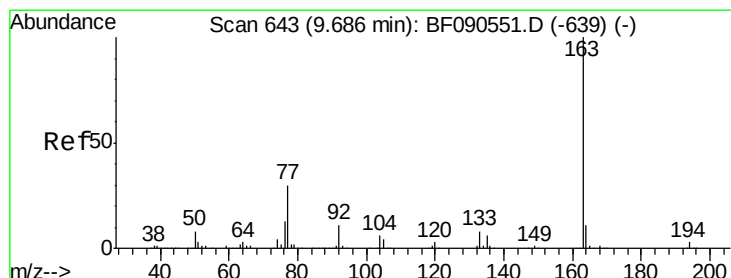
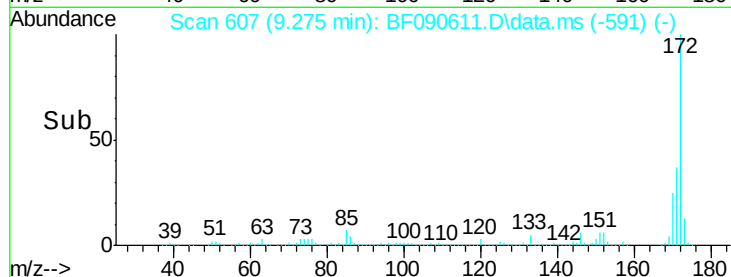
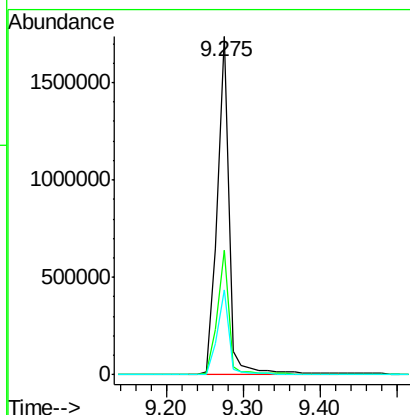
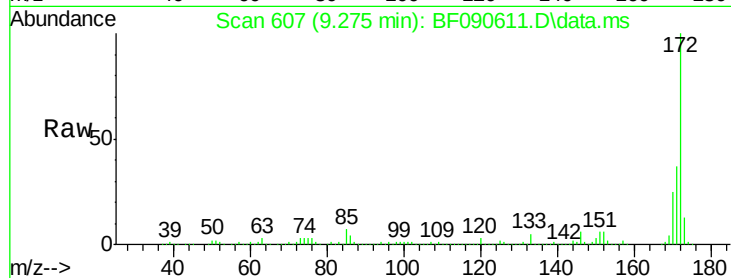




#44
2-Fluorobiphenyl
Concen: 75.41 ng
RT: 9.275 min Scan# 60
Delta R.T. -0.011 min
Lab File: BF090611.D
Acq: 17 Oct 2016 16:54

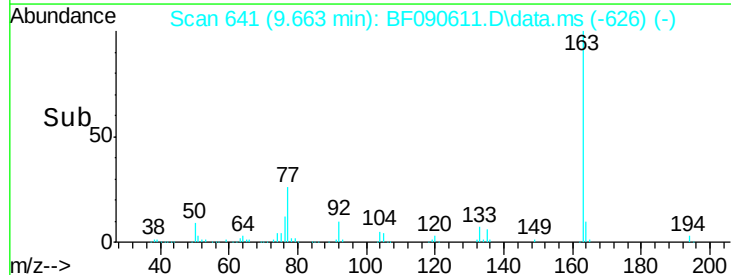
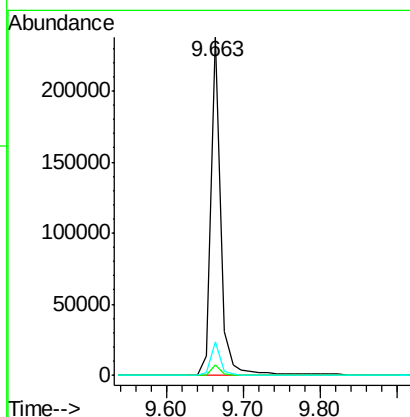
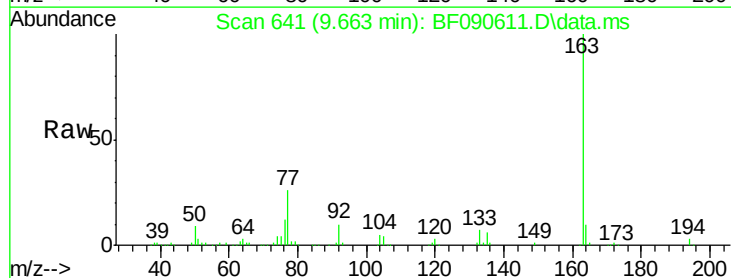
Instrument :
BNA_F
ClientSampleId :
FK-BPM-02-001-C

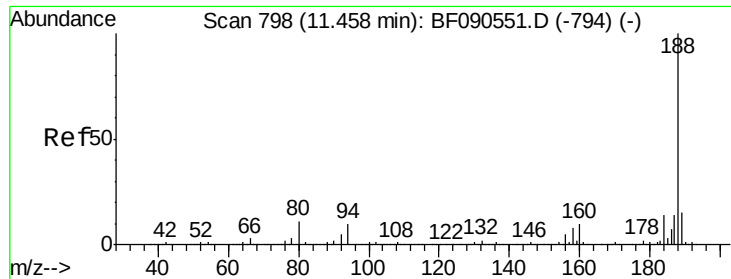
Tot Ion:172 Resp: 1854915
Ion Ratio Lower Upper
172 100
171 36.9 30.1 45.1
170 24.9 20.6 30.8



#49
Dimethylphthalate
Concen: 8.04 ng
RT: 9.663 min Scan# 641
Delta R.T. -0.023 min
Lab File: BF090611.D
Acq: 17 Oct 2016 16:54

Tgt Ion:163 Resp: 211353
Ion Ratio Lower Upper
163 100
194 3.0 2.3 3.5
164 9.9 8.6 13.0

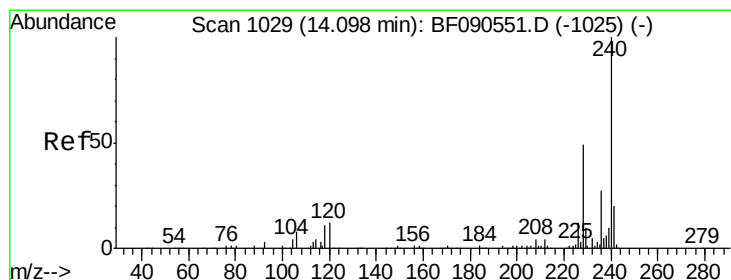
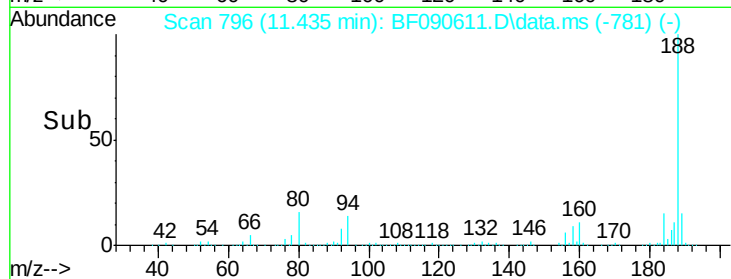
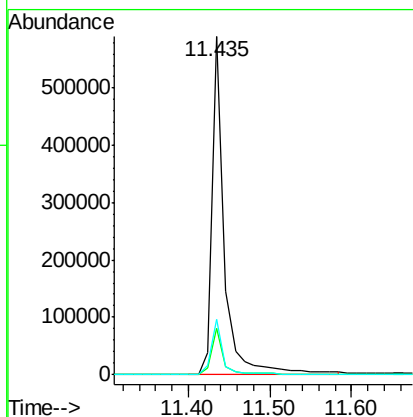
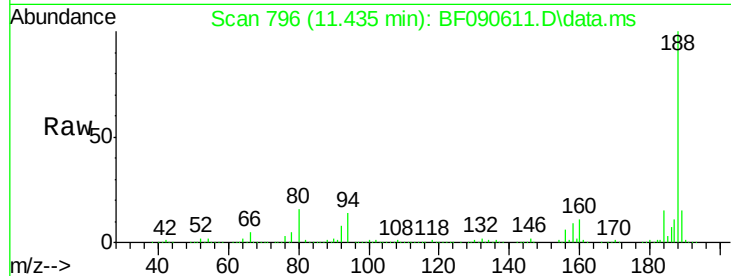




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.435 min Scan# 79
Delta R.T. -0.023 min
Lab File: BF090611.D
Acq: 17 Oct 2016 16:54

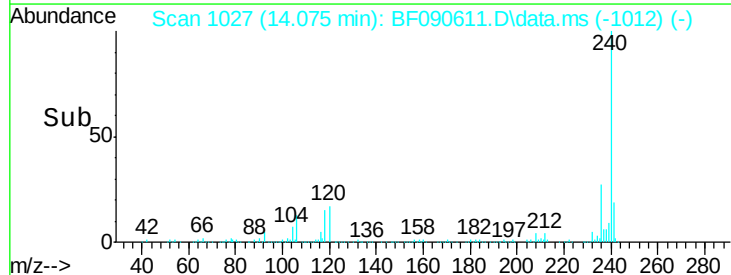
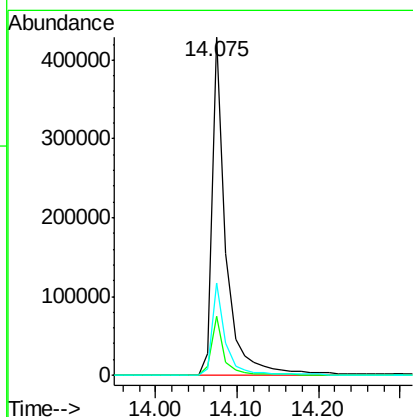
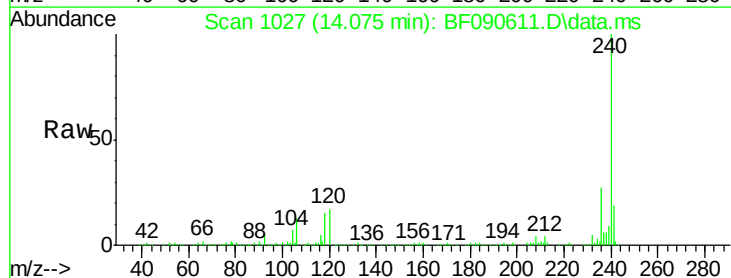
Instrument :
BNA_F
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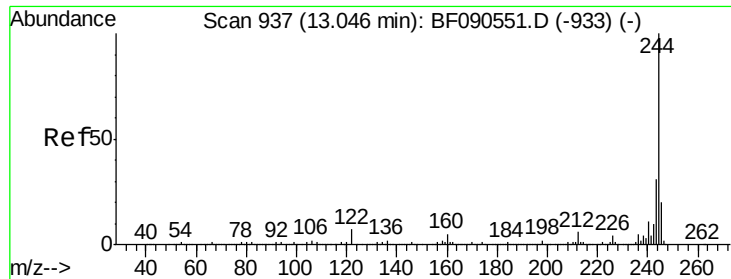
Tot Ion:188 Resp: 630577
Ion Ratio Lower Upper
188 100
94 13.8 7.7 11.5#
80 16.3 8.6 12.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.075 min Scan# 1027
Delta R.T. -0.023 min
Lab File: BF090611.D
Acq: 17 Oct 2016 16:54

Tgt Ion:240 Resp: 512459
Ion Ratio Lower Upper
240 100
120 17.5 9.8 14.8#
236 27.2 21.7 32.5





#78

Terphenyl-d14

Concen: 79.49 ng

RT: 13.024 min Scan# 93

Delta R.T. -0.023 min

Lab File: BF090611.D

Acq: 17 Oct 2016 16:54

Instrument :

BNA_F

ClientSampleId :

FK-BPM-02-001-C

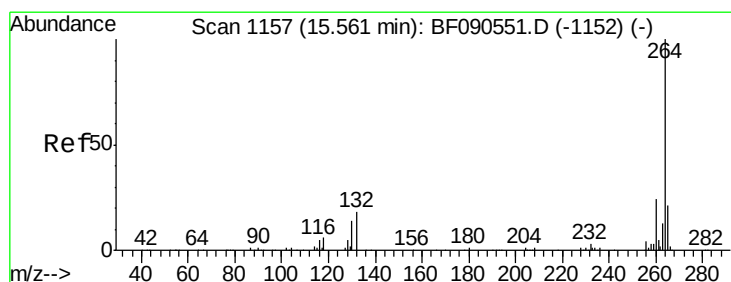
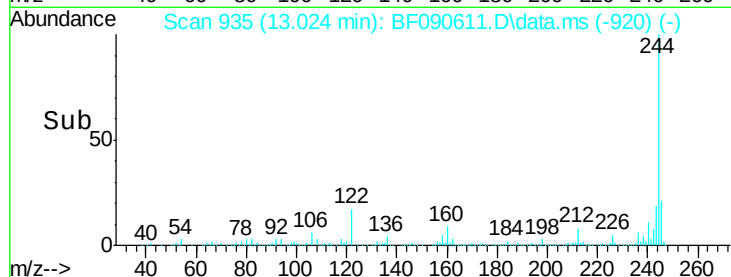
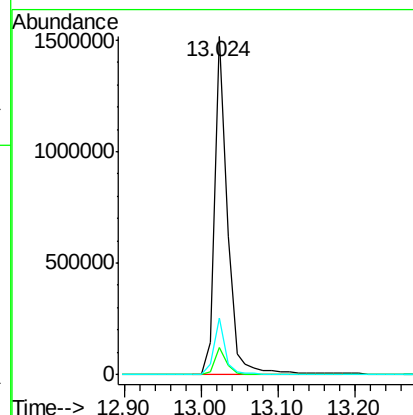
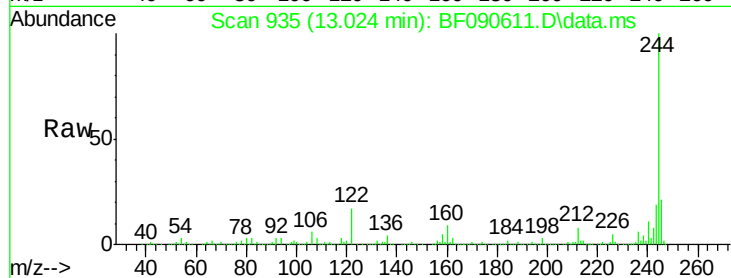
Tot Ion:244 Resp: 1749452

Ion Ratio Lower Upper

244 100

212 8.0 5.0 7.4#

122 16.8 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: BF090611.D

Acq: 17 Oct 2016 16:54

Tgt Ion:264 Resp: 338700

Ion Ratio Lower Upper

264 100

260 24.9 19.3 28.9

265 21.7 16.7 25.1

