

Data Path : Z:\HPCHEM1\BNA F\Data\BF051016\
 Data File : BF086890.D
 Acq On : 11 May 2016 9:30
 Operator : UM/SJ
 Sample : H2961-03 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-CLARK-ST-ESMI-5

Quant Time: May 11 11:09:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 09 16:04:56 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

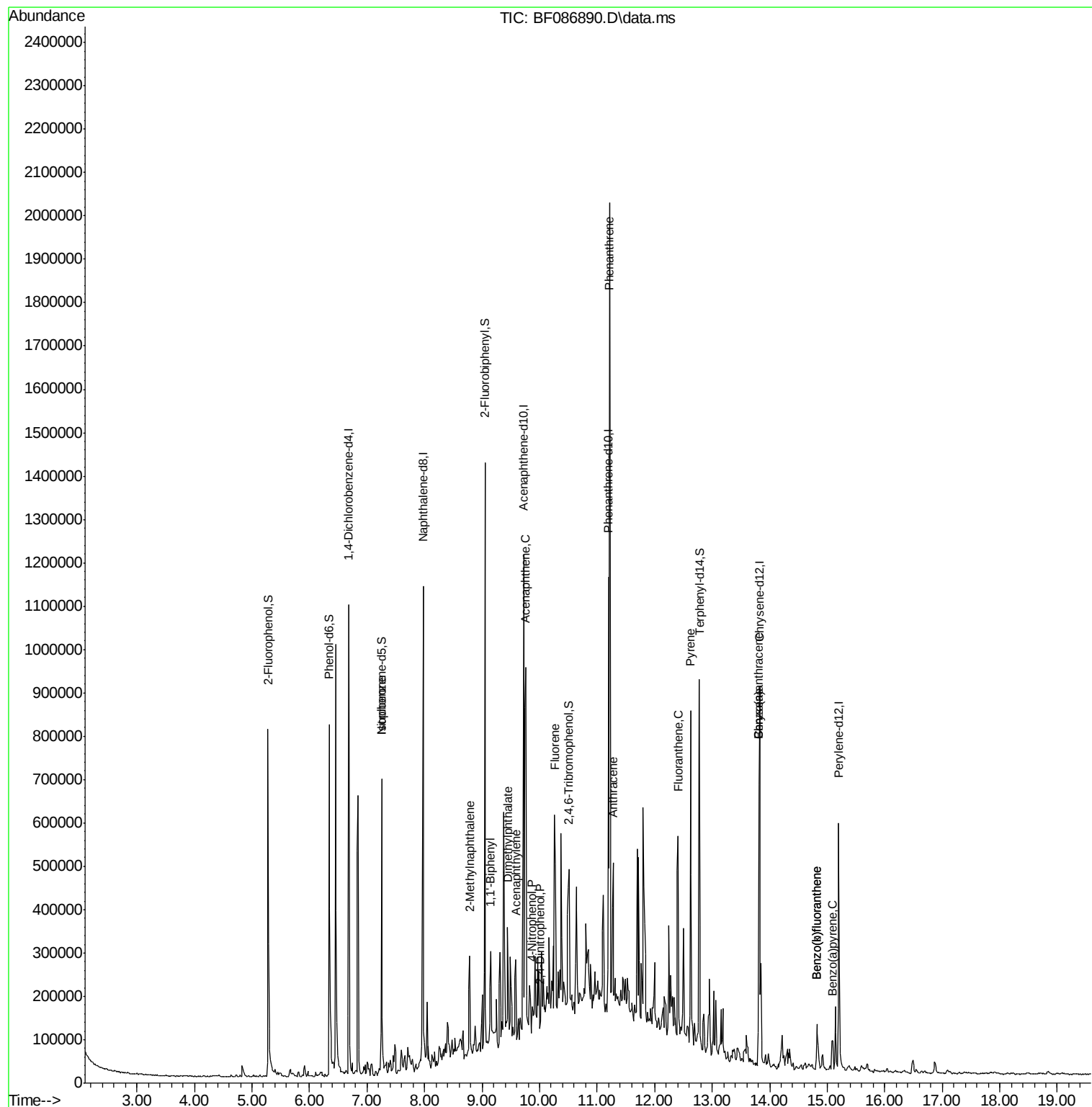
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.682	152	143939	20.00	ng	-0.01
21) Naphthalene-d8	7.973	136	538888	20.00	ng	-0.01
38) Acenaphthene-d10	9.722	164	220254	20.00	ng	-0.01
63) Phenanthrene-d10	11.196	188	346991	20.00	ng	-0.01
75) Chrysene-d12	13.825	240	285875	20.00	ng	-0.01
86) Perylene-d12	15.197	264	248043	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.276	112	256388	30.17	ng	-0.01
7) Phenol-d6	6.339	99	346385	30.49	ng	-0.02
23) Nitrobenzene-d5	7.253	82	216939	20.21	ng	-0.01
41) 2,4,6-Tribromophenol	10.511	330	49936	21.42	ng	-0.01
44) 2-Fluorobiphenyl	9.048	172	374447	28.57	ng	-0.01
78) Terphenyl-d14	12.774	244	240590	17.86	ng	-0.02
Target Compounds						
25) Isophorone	7.253	82	186351	9.36	ng	Qvalue # 69
37) 2-Methylnaphthalene	8.785	142	74853	4.74	ng	94
45) 1,1'-Biphenyl	9.150	154	70631	4.03	ng	99
48) Acenaphthylene	9.585	152	45544	2.26	ng	# 93
49) Dimethylphthalate	9.448	163	34660	2.06	ng	99
51) Acenaphthene	9.756	154	259638	20.67	ng	97
53) 2,4-Dinitrophenol	10.008	184	427	7.91	ng	# 27
55) 4-Nitrophenol	9.871	139	490	4.75	ng	# 40
57) Fluorene	10.259	166	196696	14.31	ng	97
60) 4-Chlorophenyl-phenyle...	10.088	204	1807	Below Cal		# 1
70) Phenanthrene	11.219	178	680193	36.73	ng	100
71) Anthracene	11.276	178	197321	10.42	ng	98
74) Fluoranthene	12.408	202	242113	12.71	ng	91
77) Pyrene	12.625	202	358690	16.39	ng	99
80) Benzo(a)anthracene	13.814	228	132481	8.26	ng	# 77
82) Chrysene	13.814	228	132481	8.12	ng	# 78
87) Benzo(b)fluoranthene	14.820	252	78530	4.87	ng	98
88) Benzo(k)fluoranthene	14.820	252	78530	5.95	ng	98
89) Benzo(a)pyrene	15.094	252	39716	2.86	ng	98

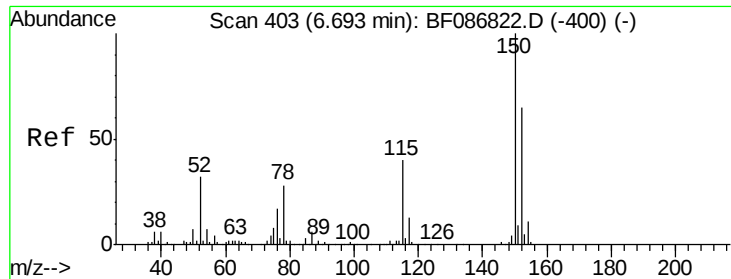
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.682 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF086890.D

Acq: 11 May 2016 9:30

Instrument :

BNA_F

ClientSampleId :

NYSEG-CLARK-ST-ESMI-5

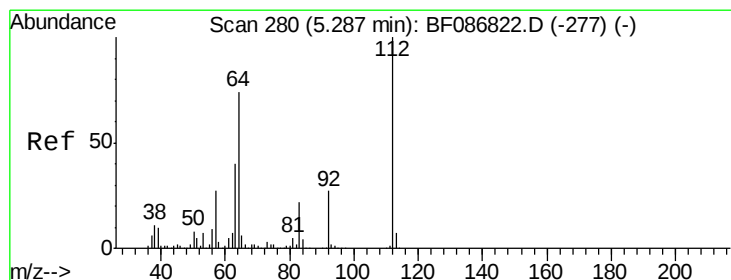
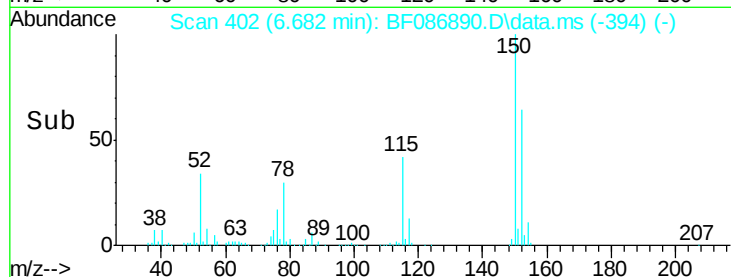
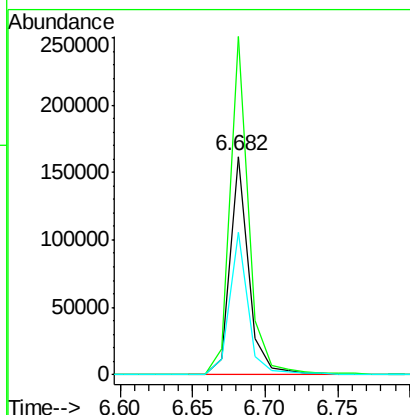
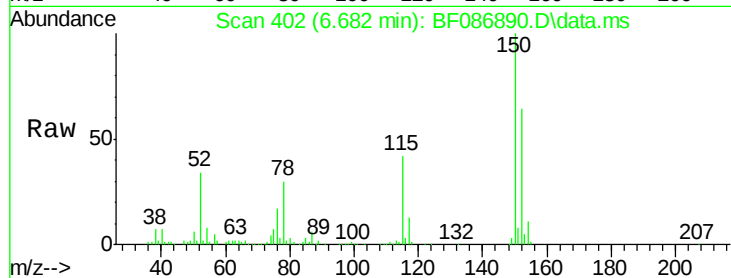
Tot Ion:152 Resp: 143939

Ion Ratio Lower Upper

152 100

150 155.2 125.8 188.6

115 65.5 51.5 77.3



#5

2-Fluorophenol

Concen: 30.17 ng

RT: 5.276 min Scan# 279

Delta R.T. -0.011 min

Lab File: BF086890.D

Acq: 11 May 2016 9:30

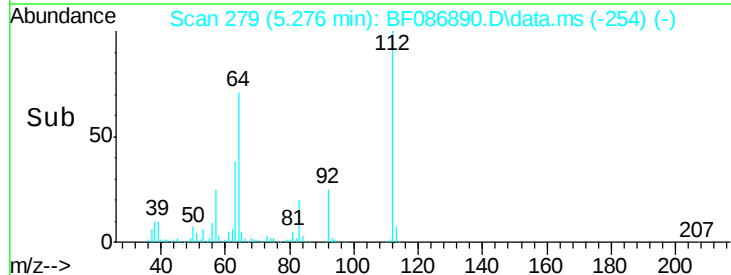
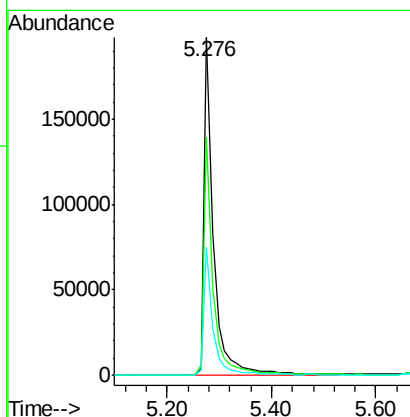
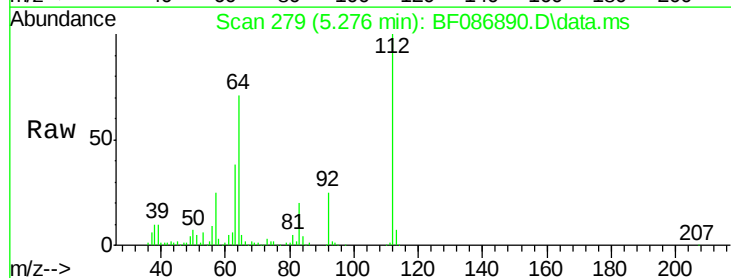
Tgt Ion:112 Resp: 256388

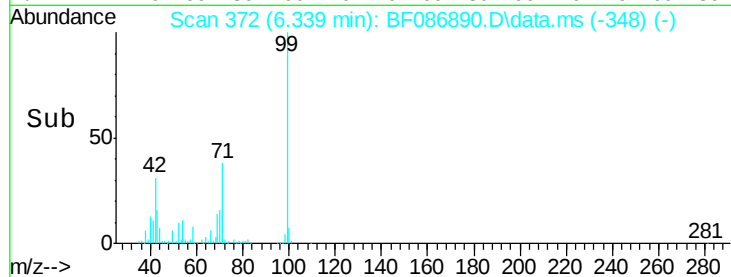
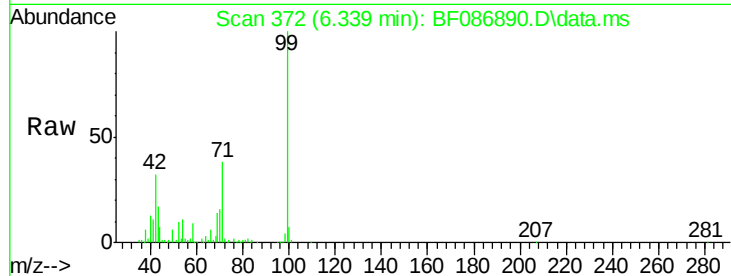
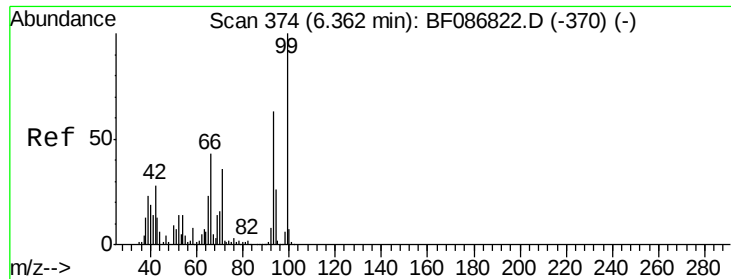
Ion Ratio Lower Upper

112 100

64 70.5 52.1 78.1

63 37.9 25.7 38.5





#7

Phenol-d6

Concen: 30.49 ng

RT: 6.339 min Scan# 37

Delta R.T. -0.023 min

Lab File: BF086890.D

Acq: 11 May 2016 9:30

Instrument :

BNA_F

ClientSampleId :

NYSEG-CLARK-ST-ESMI-5

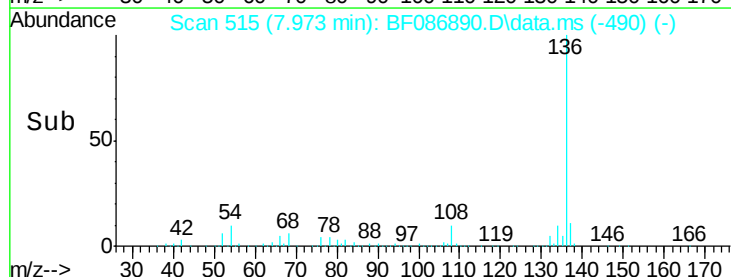
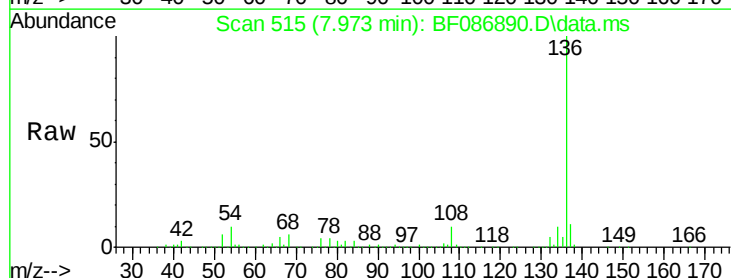
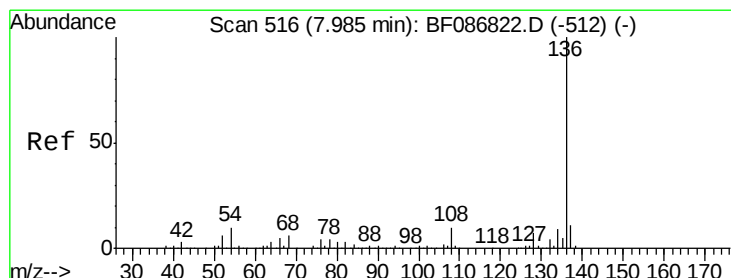
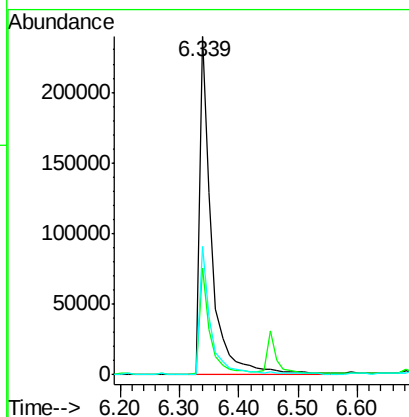
Tot Ion: 99 Resp: 346385

Ion Ratio Lower Upper

99 100

42 31.5 13.6 20.4#

71 38.0 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.973 min Scan# 515

Delta R.T. -0.011 min

Lab File: BF086890.D

Acq: 11 May 2016 9:30

Tgt Ion: 136 Resp: 538888

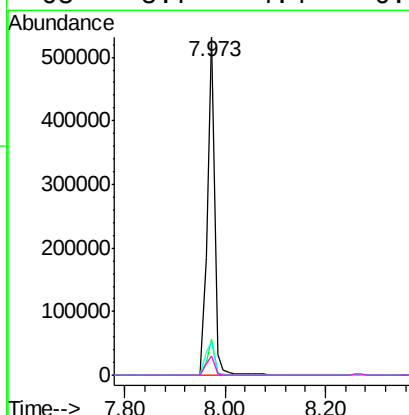
Ion Ratio Lower Upper

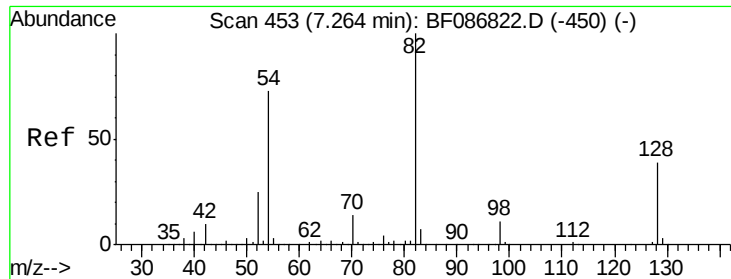
136 100

137 10.7 8.8 13.2

54 10.1 5.0 7.4#

68 5.7 4.4 6.6

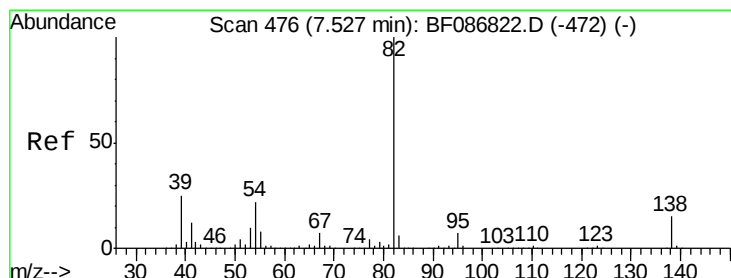
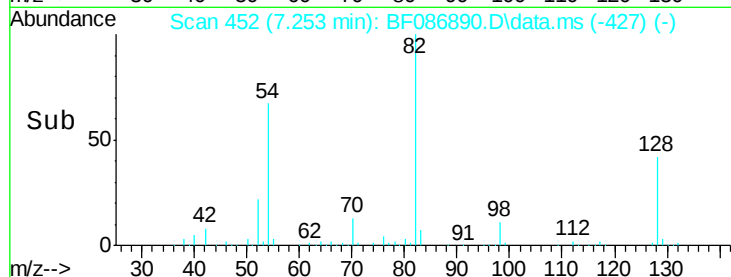
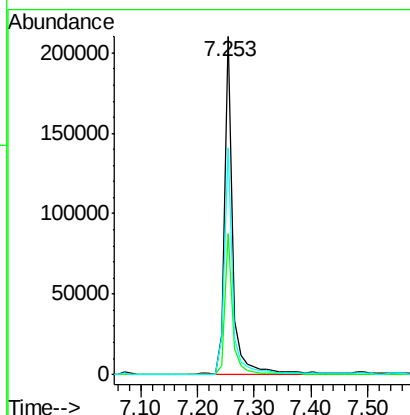
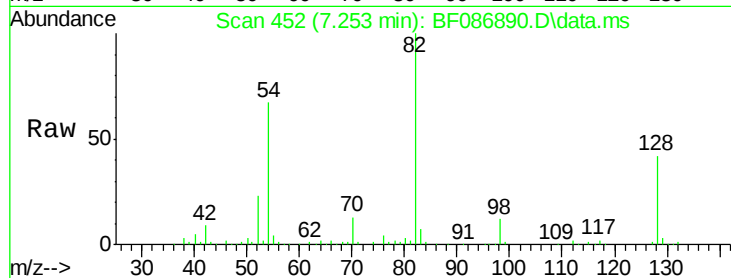




#23
 Nitrobenzene-d5
 Concen: 20.21 ng
 RT: 7.253 min Scan# 45
 Delta R.T. -0.011 min
 Lab File: BF086890.D
 Acq: 11 May 2016 9:30

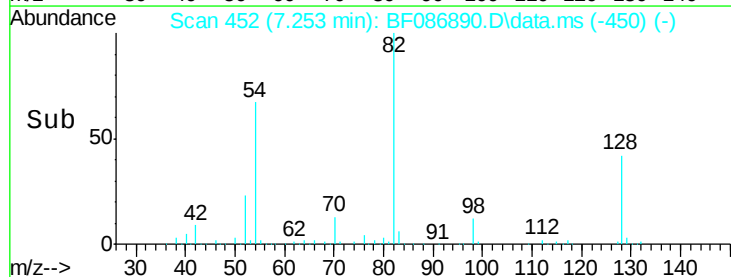
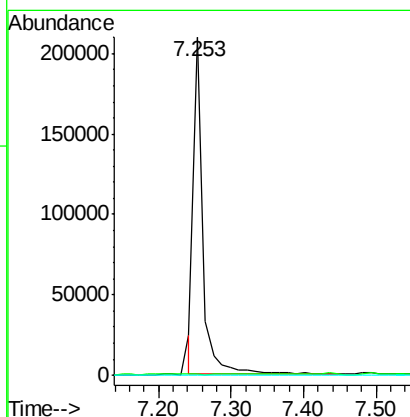
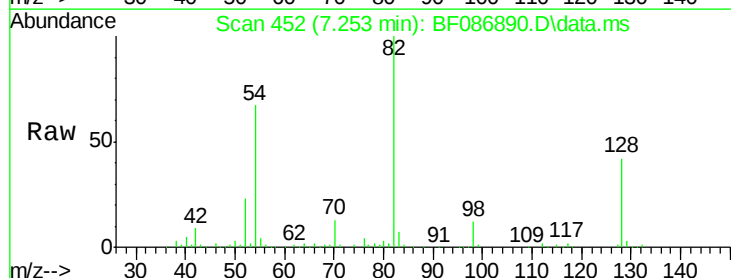
Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-CLARK-ST-ESMI-5

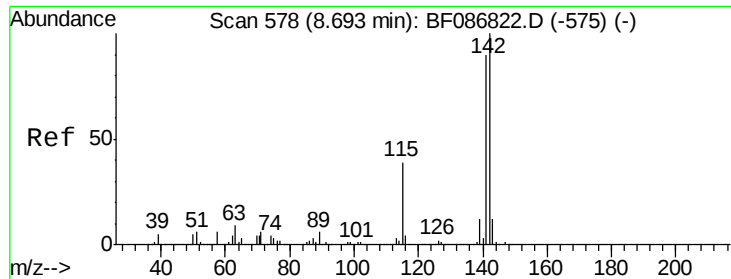
Tot Ion: 82 Resp: 216939
 Ion Ratio Lower Upper
 82 100
 128 41.6 40.6 61.0
 54 66.9 38.1 57.1#



#25
 Isophorone
 Concen: 9.36 ng
 RT: 7.253 min Scan# 452
 Delta R.T. -0.274 min
 Lab File: BF086890.D
 Acq: 11 May 2016 9:30

Tgt Ion: 82 Resp: 186351
 Ion Ratio Lower Upper
 82 100
 95 0.4 5.1 7.7#
 138 0.0 12.4 18.6#

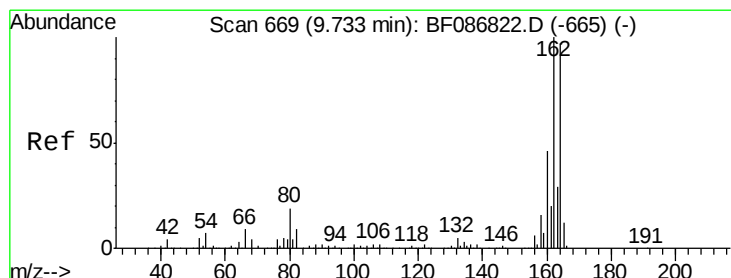
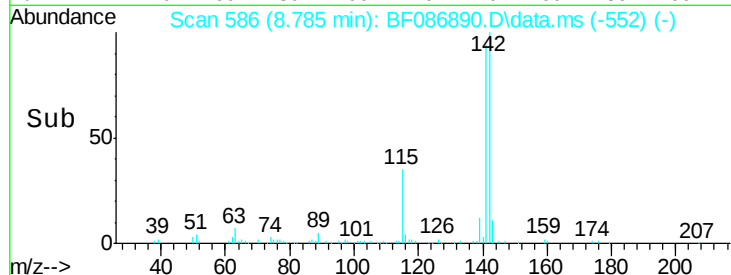
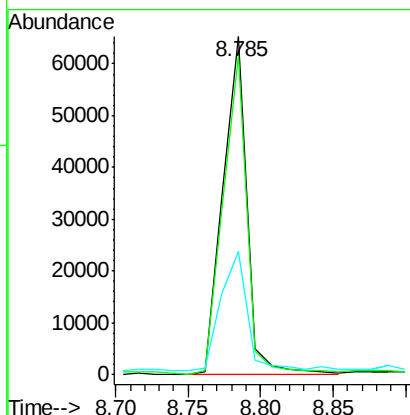
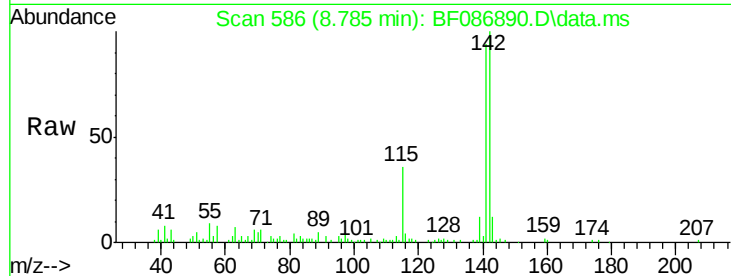




#37
2-Methylnaphthalene
Concen: 4.74 ng
RT: 8.785 min Scan# 58
Delta R.T. 0.092 min
Lab File: BF086890.D
Acq: 11 May 2016 9:30

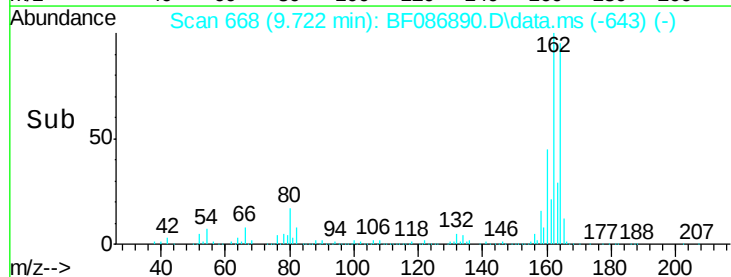
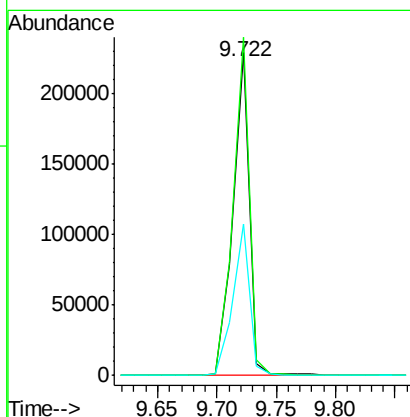
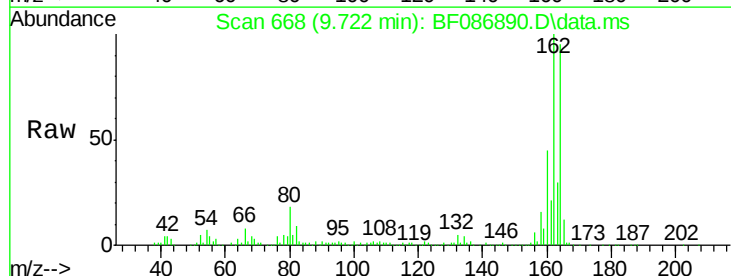
Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-5

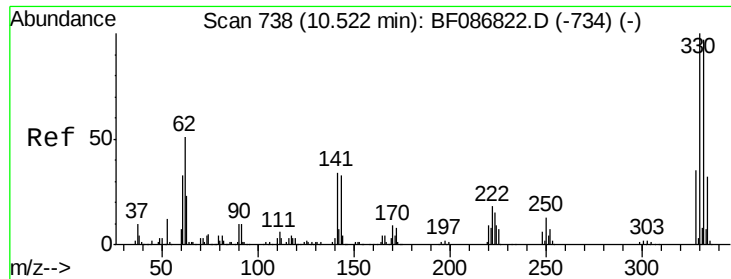
Tot Ion	Ratio	Lower	Upper
142	100		
141	94.5	71.0	106.6
115	36.4	26.6	39.8



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.722 min Scan# 668
Delta R.T. -0.011 min
Lab File: BF086890.D
Acq: 11 May 2016 9:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	82.8	124.2
160	46.8	36.9	55.3

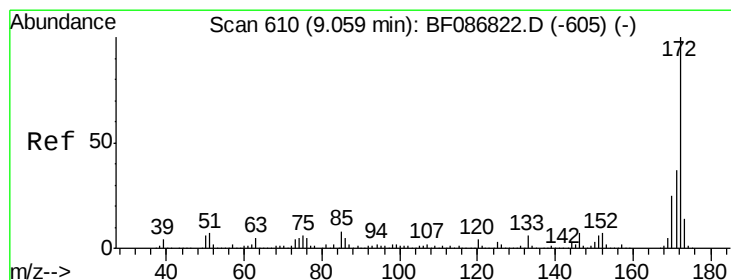
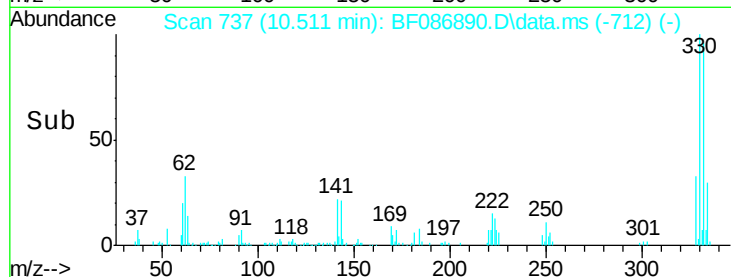
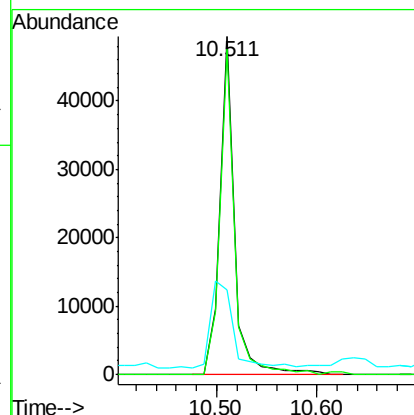
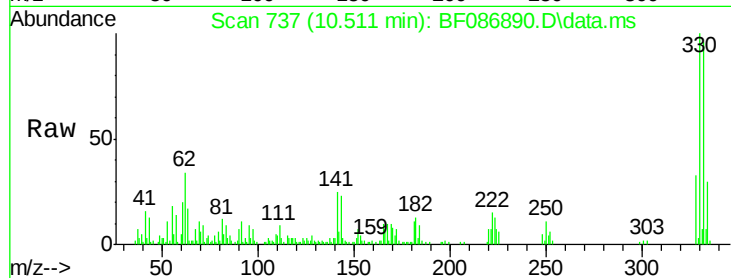




#41
 2,4,6-Tribromophenol
 Concen: 21.42 ng
 RT: 10.511 min Scan# 73
 Delta R.T. -0.011 min
 Lab File: BF086890.D
 Acq: 11 May 2016 9:30

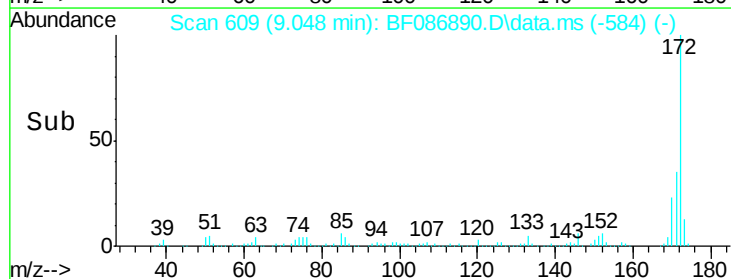
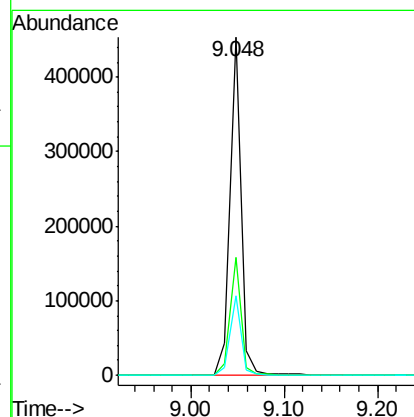
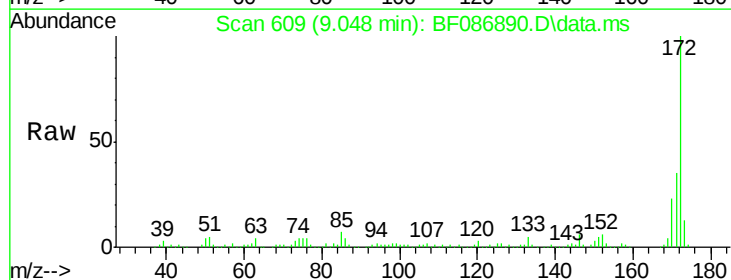
Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-CLARK-ST-ESMI-5

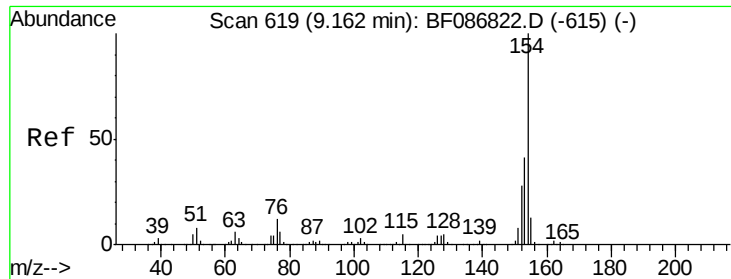
Tot Ion:330 Resp: 49936
 Ion Ratio Lower Upper
 330 100
 332 95.8 79.0 118.4
 141 39.2 31.2 46.8



#44
 2-Fluorobiphenyl
 Concen: 28.57 ng
 RT: 9.048 min Scan# 609
 Delta R.T. -0.011 min
 Lab File: BF086890.D
 Acq: 11 May 2016 9:30

Tgt Ion:172 Resp: 374447
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.0 43.6
 170 23.3 19.8 29.8





#45

1,1'-Biphenyl

Concen: 4.03 ng

RT: 9.150 min Scan# 61

Delta R.T. -0.011 min

Lab File: BF086890.D

Acq: 11 May 2016 9:30

Instrument :

BNA_F

ClientSampleId :

NYSEG-CLARK-ST-ESMI-5

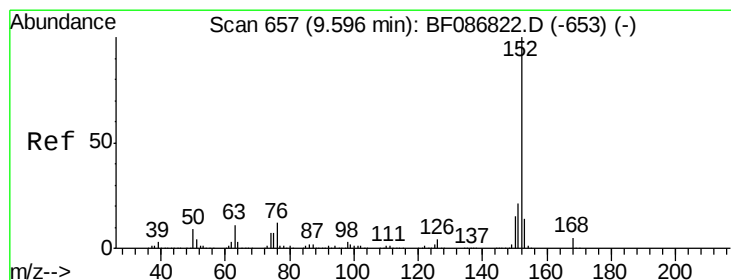
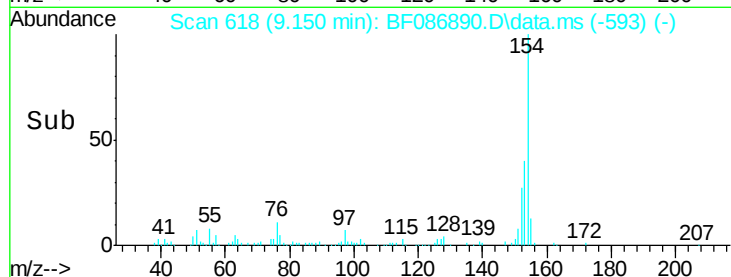
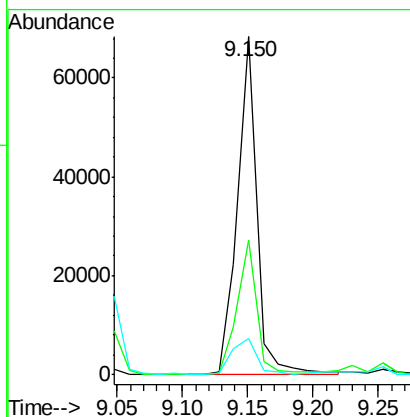
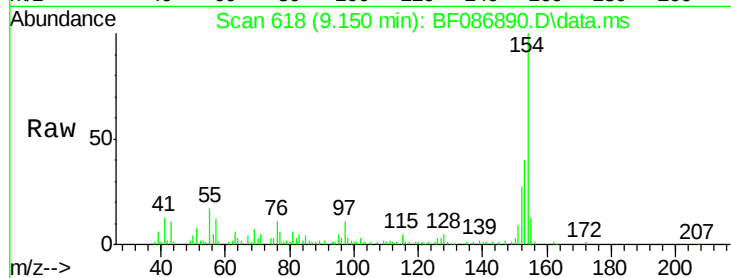
Tot Ion:154 Resp: 70631

Ion Ratio Lower Upper

154 100

153 39.8 20.3 60.3

76 10.6 0.0 30.2



#48

Acenaphthylene

Concen: 2.26 ng

RT: 9.585 min Scan# 656

Delta R.T. -0.011 min

Lab File: BF086890.D

Acq: 11 May 2016 9:30

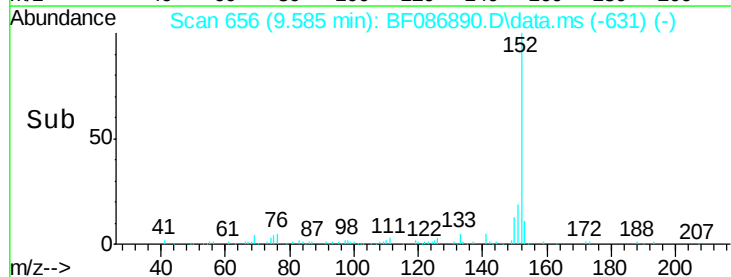
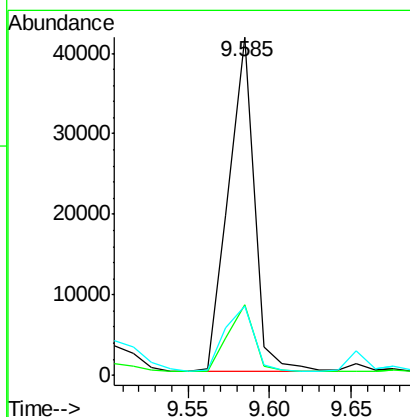
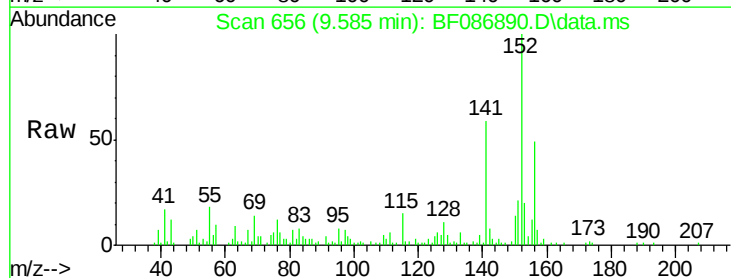
Tgt Ion:152 Resp: 45544

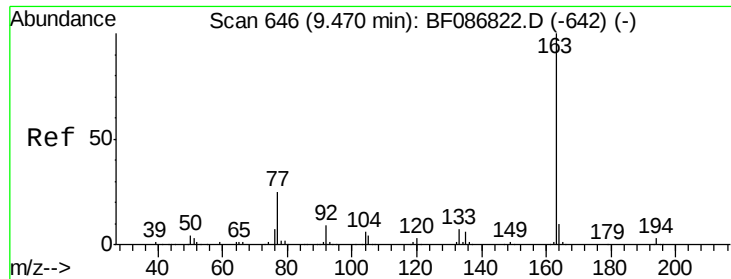
Ion Ratio Lower Upper

152 100

151 20.8 16.8 25.2

153 20.3 10.9 16.3#





#49

Dimethylphthalate

Concen: 2.06 ng

RT: 9.448 min Scan# 64

Delta R.T. -0.023 min

Lab File: BF086890.D

Acq: 11 May 2016 9:30

Instrument :

BNA_F

ClientSampleId :

NYSEG-CLARK-ST-ESMI-5

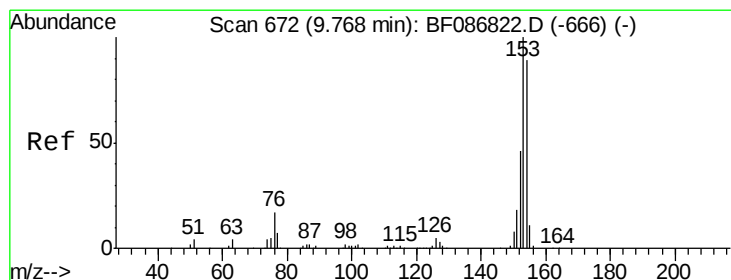
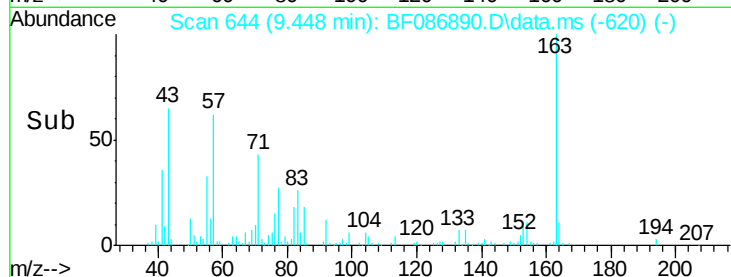
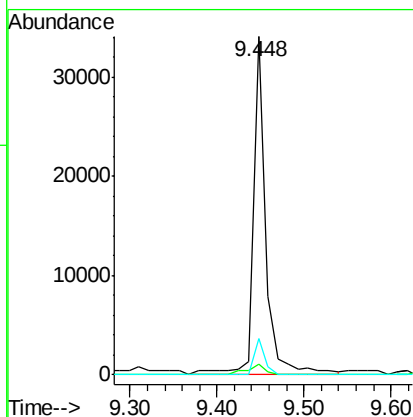
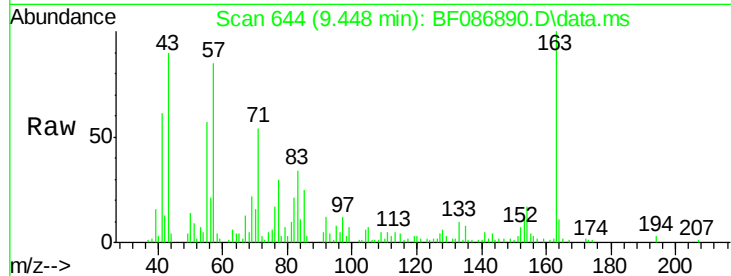
Tot Ion:163 Resp: 34660

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

164 10.7 8.2 12.4



#51

Acenaphthene

Concen: 20.67 ng

RT: 9.756 min Scan# 671

Delta R.T. -0.011 min

Lab File: BF086890.D

Acq: 11 May 2016 9:30

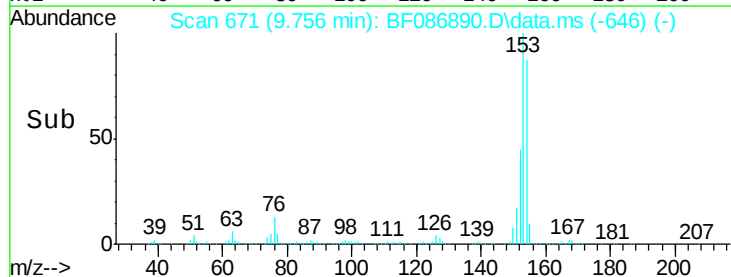
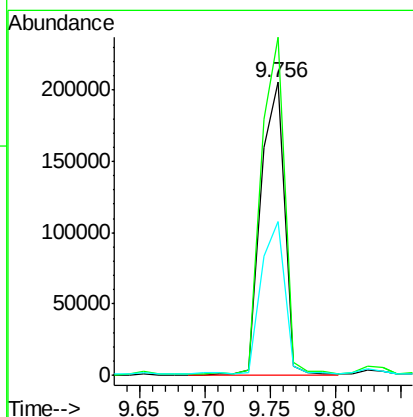
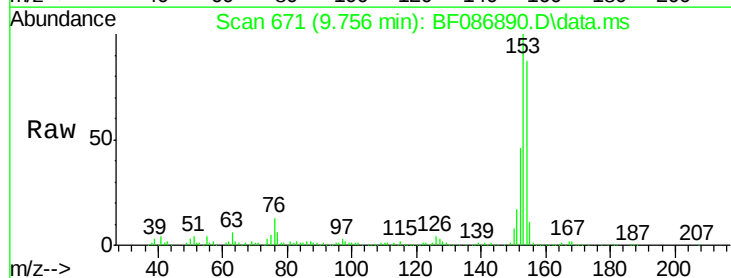
Tgt Ion:154 Resp: 259638

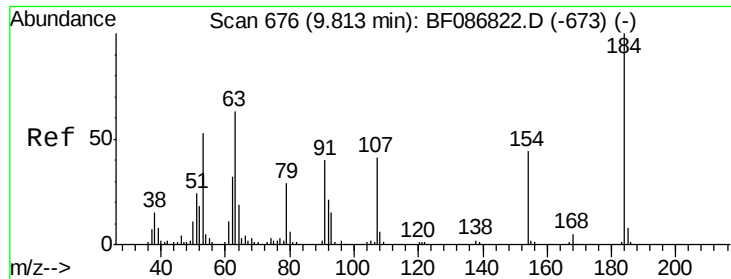
Ion Ratio Lower Upper

154 100

153 115.5 89.8 134.6

152 52.6 43.4 65.0

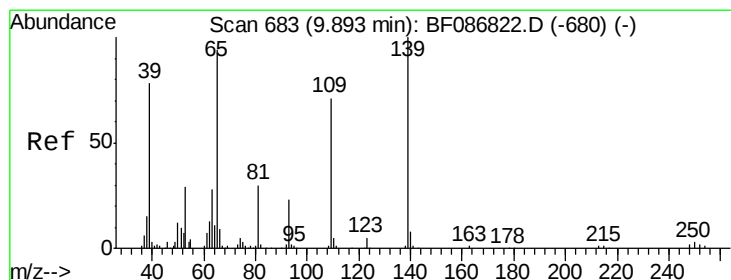
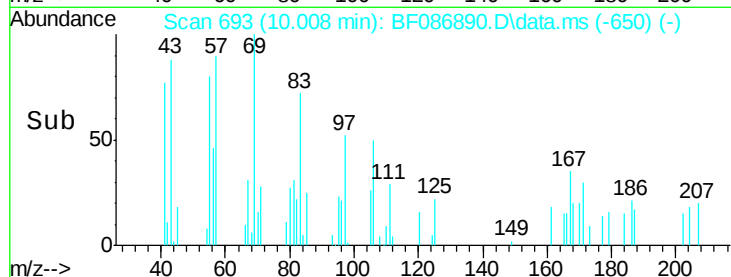
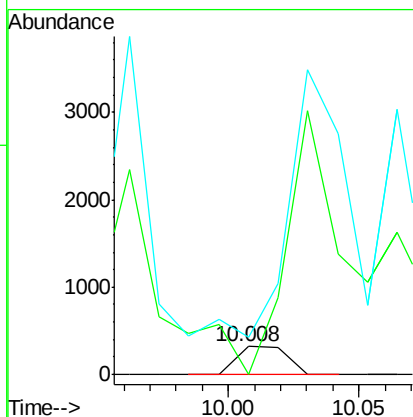
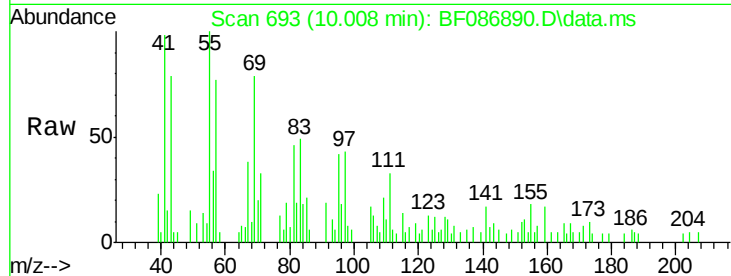




#53
2,4-Dinitrophenol
Concen: 7.91 ng
RT: 10.008 min Scan# 69
Delta R.T. 0.195 min
Lab File: BF086890.D
Acq: 11 May 2016 9:30

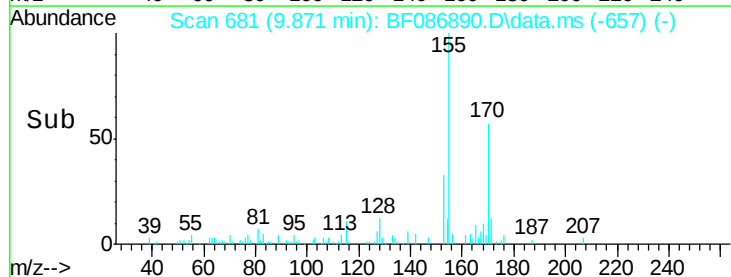
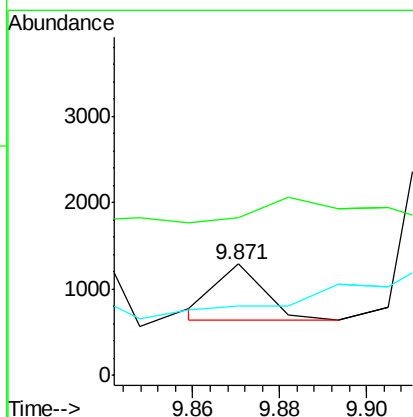
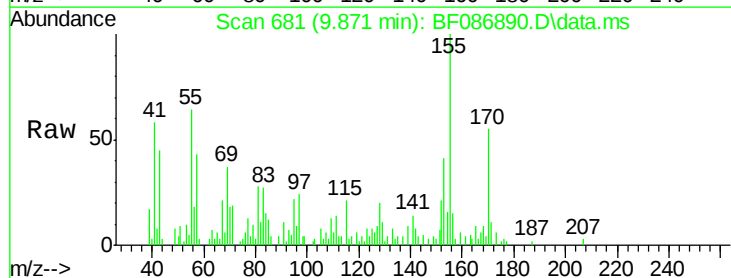
Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-5

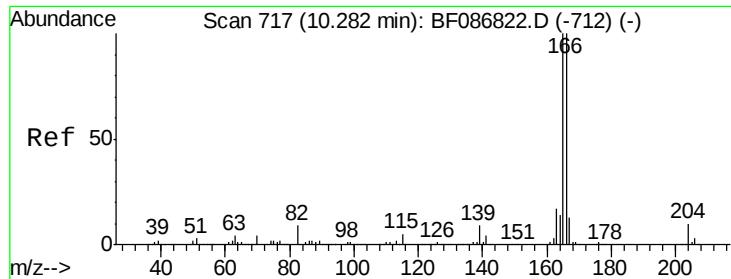
Tot Ion:184 Resp: 427
Ion Ratio Lower Upper
184 100
63 0.0 55.8 83.8#
154 132.2 62.4 93.6#



#55
4-Nitrophenol
Concen: 4.75 ng
RT: 9.871 min Scan# 681
Delta R.T. -0.022 min
Lab File: BF086890.D
Acq: 11 May 2016 9:30

Tgt Ion:139 Resp: 490
Ion Ratio Lower Upper
139 100
109 141.0 36.9 76.9#
65 62.2 64.0 104.0#

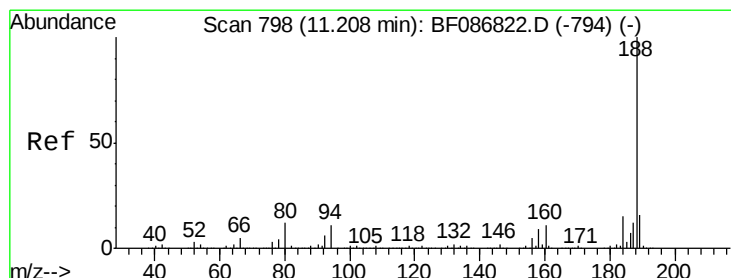
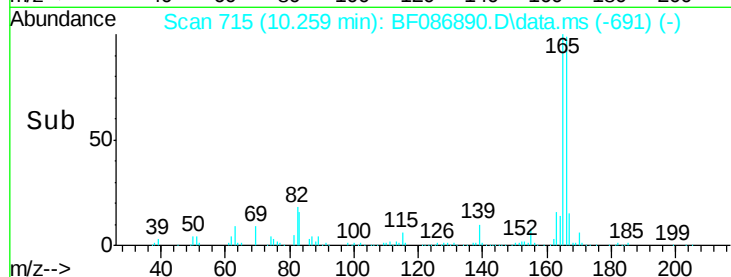
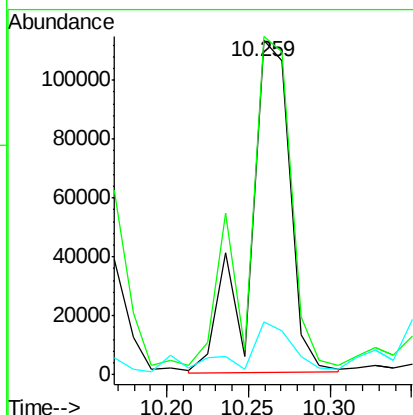
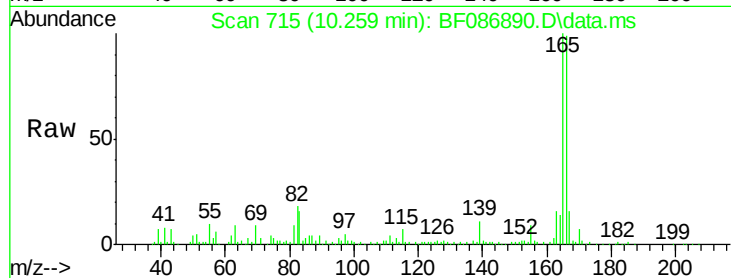




#57
Fluorene
 Concen: 14.31 ng
 RT: 10.259 min Scan# 71
 Delta R.T. -0.023 min
 Lab File: BF086890.D
 Acq: 11 May 2016 9:30

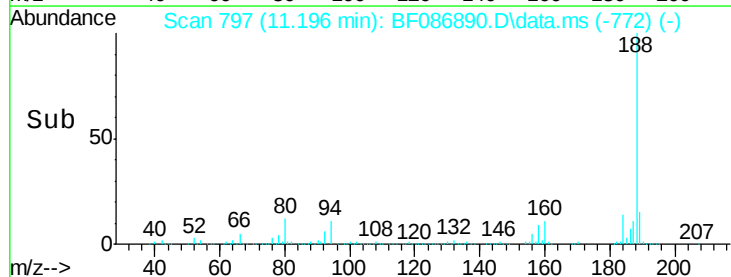
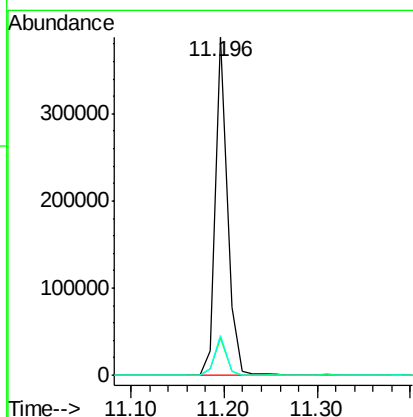
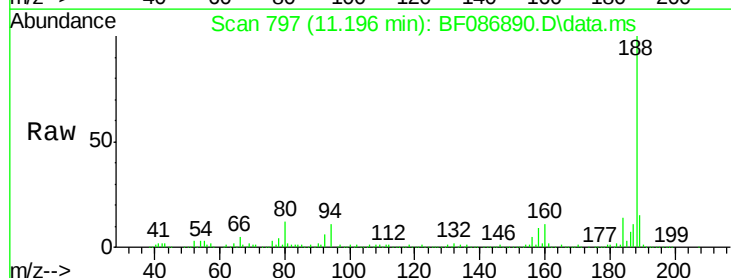
Instrument :
 BNA_F
 ClientSampleId :
 NYSEG-CLARK-ST-ESMI-5

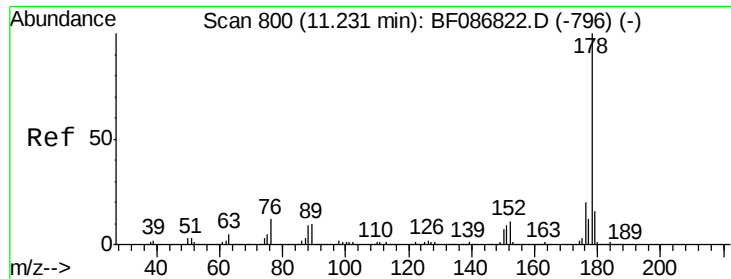
Tot Ion	Ratio	Lower	Upper
166	100		
165	101.0	79.0	118.6
167	15.8	10.6	15.8



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.196 min Scan# 797
 Delta R.T. -0.011 min
 Lab File: BF086890.D
 Acq: 11 May 2016 9:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.1	6.8	10.2#
80	11.8	7.1	10.7#

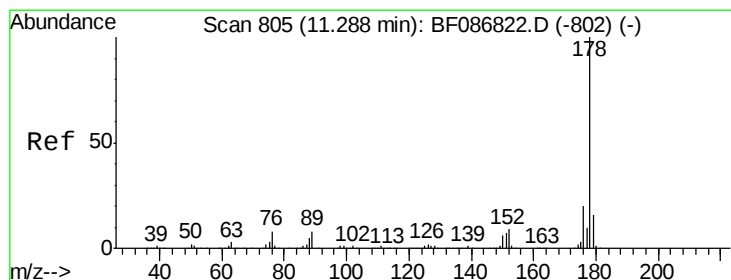
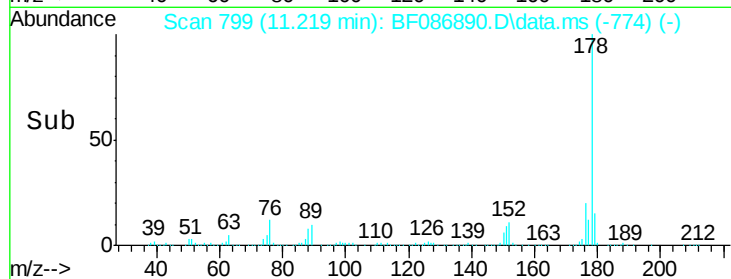
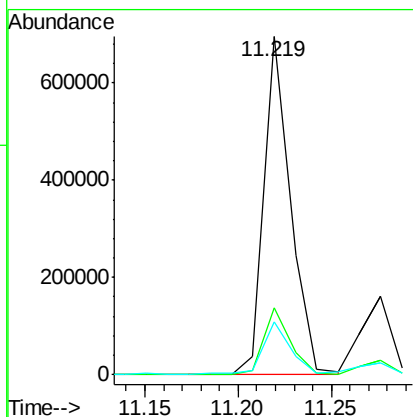
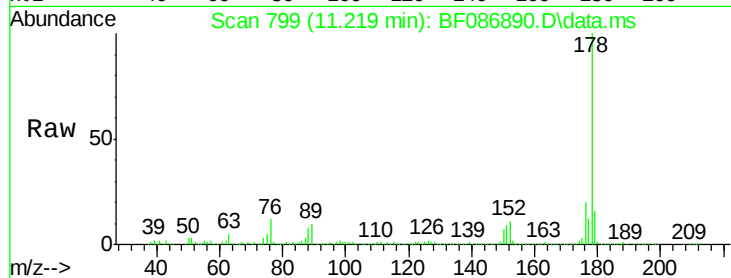




#70
Phenanthrene
Concen: 36.73 ng
RT: 11.219 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF086890.D
Acq: 11 May 2016 9:30

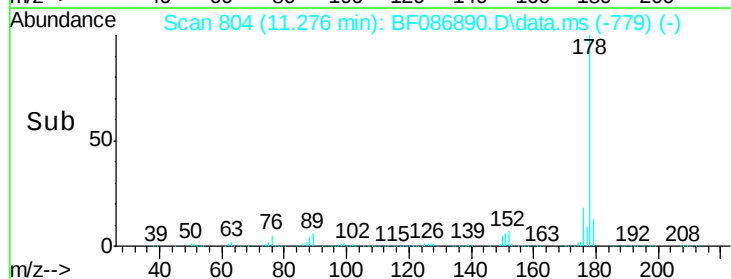
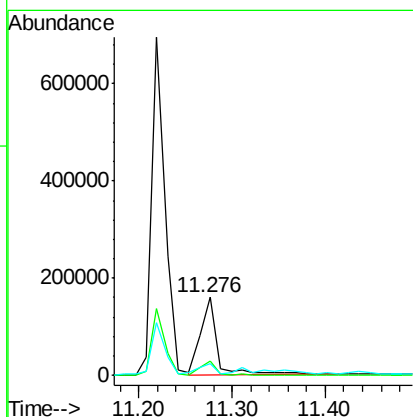
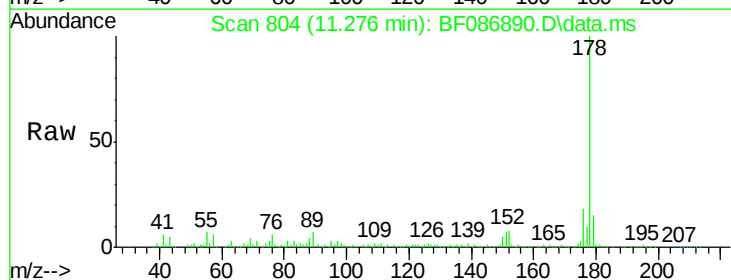
Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-5

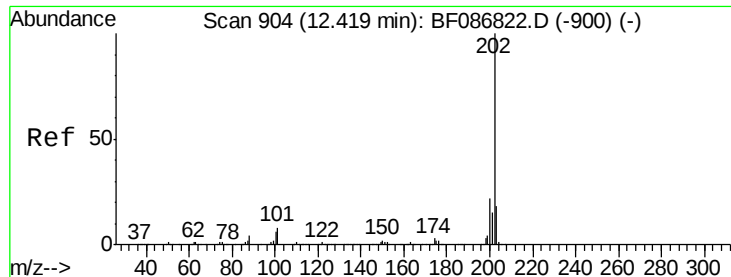
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	16.0	24.0
179	15.7	12.6	18.8



#71
Anthracene
Concen: 10.42 ng
RT: 11.276 min Scan# 804
Delta R.T. -0.011 min
Lab File: BF086890.D
Acq: 11 May 2016 9:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.6	23.4
179	15.1	12.7	19.1





#74

Fluoranthene

Concen: 12.71 ng

RT: 12.408 min Scan# 90

Delta R.T. -0.011 min

Lab File: BF086890.D

Acq: 11 May 2016 9:30

Instrument :

BNA_F

ClientSampleId :

NYSEG-CLARK-ST-ESMI-5

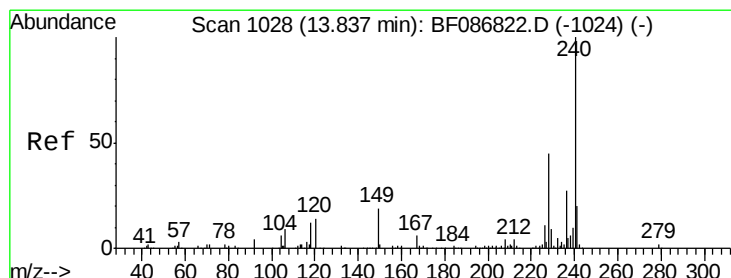
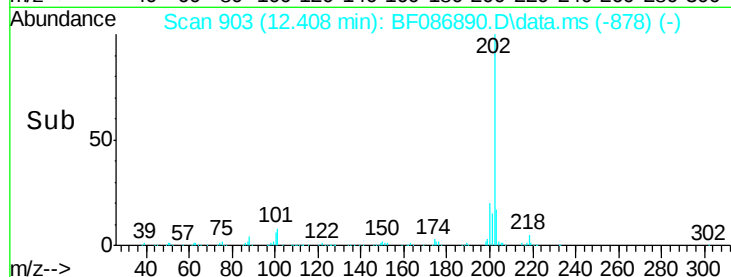
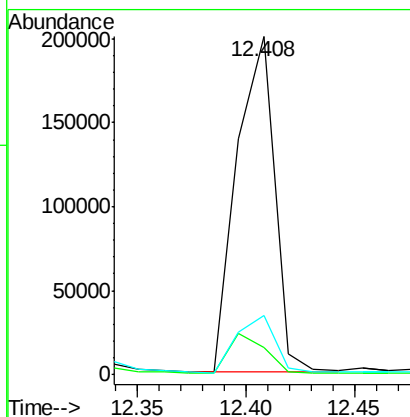
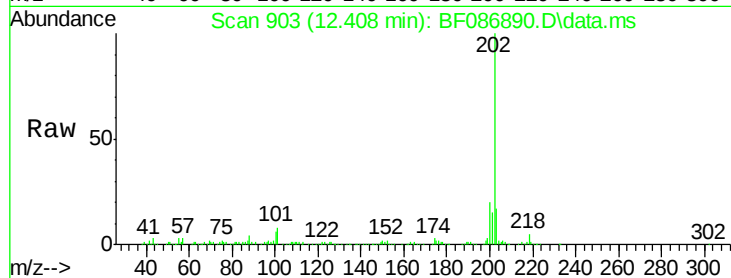
Tot Ion:202 Resp: 242113

Ion Ratio Lower Upper

202 100

101 8.1 0.0 35.4

203 17.3 0.0 38.1



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.825 min Scan# 1027

Delta R.T. -0.011 min

Lab File: BF086890.D

Acq: 11 May 2016 9:30

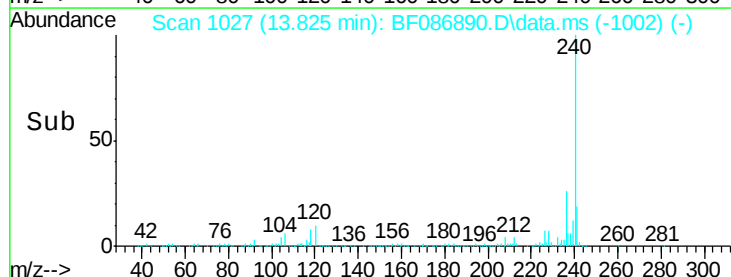
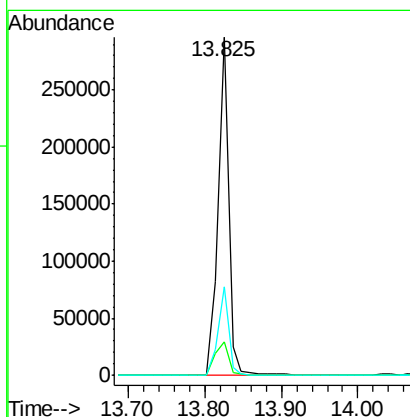
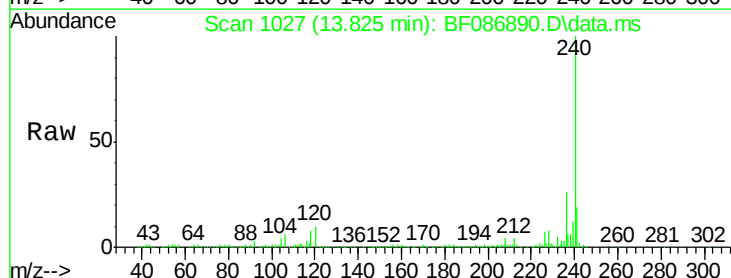
Tgt Ion:240 Resp: 285875

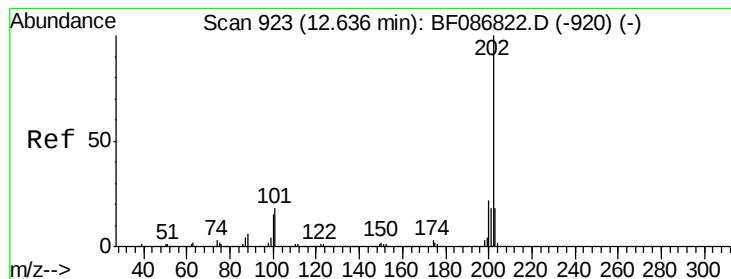
Ion Ratio Lower Upper

240 100

120 9.9 11.2 16.8#

236 26.1 21.2 31.8





#77

Pvrene

Concen: 16.39 ng

RT: 12.625 min Scan# 92

Delta R.T. -0.011 min

Lab File: BF086890.D

Acq: 11 May 2016 9:30

Instrument :

BNA_F

ClientSampleId :

NYSEG-CLARK-ST-ESMI-5

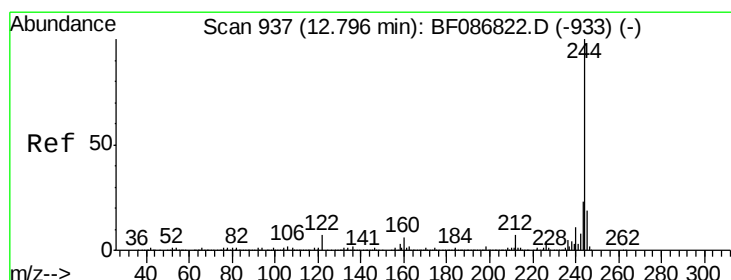
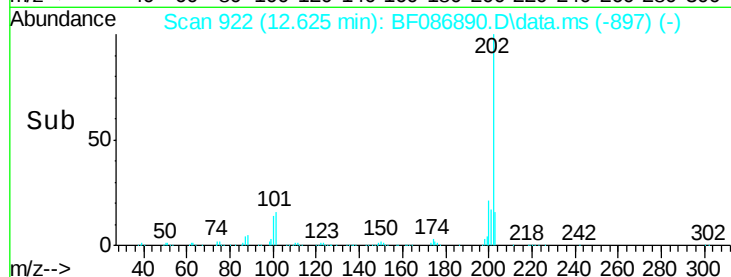
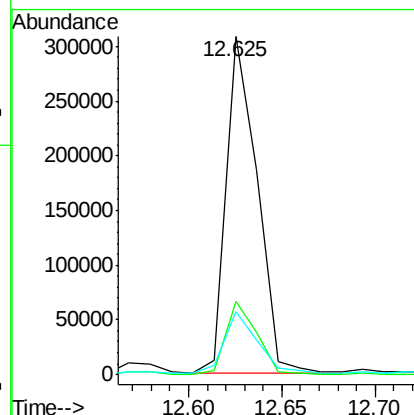
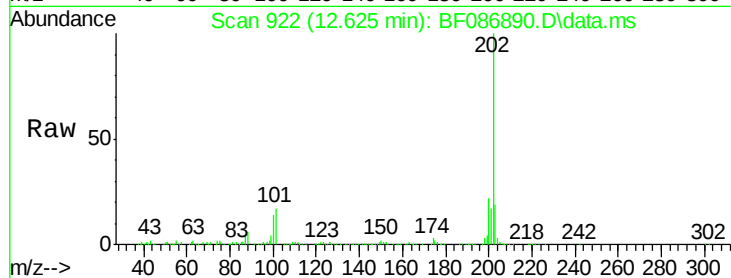
Tot Ion:202 Resp: 358690

Ion Ratio Lower Upper

202 100

200 21.6 17.7 26.5

203 18.6 14.2 21.4



#78

Terphenyl-d14

Concen: 17.86 ng

RT: 12.774 min Scan# 935

Delta R.T. -0.023 min

Lab File: BF086890.D

Acq: 11 May 2016 9:30

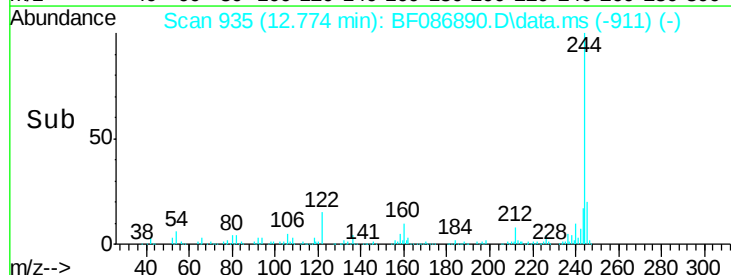
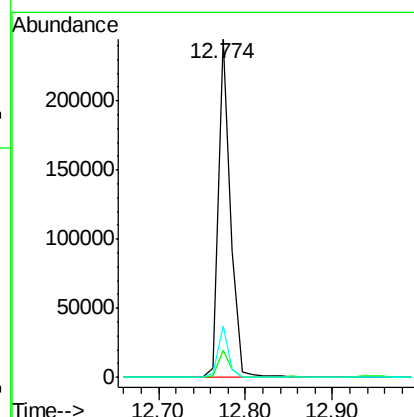
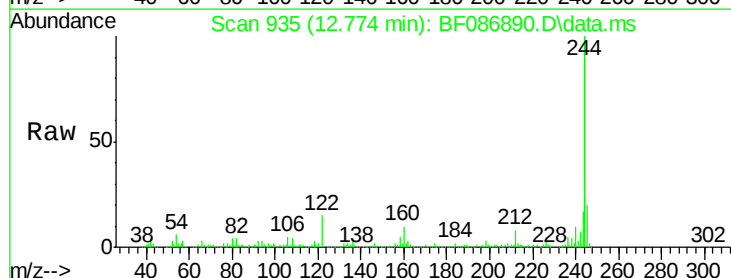
Tgt Ion:244 Resp: 240590

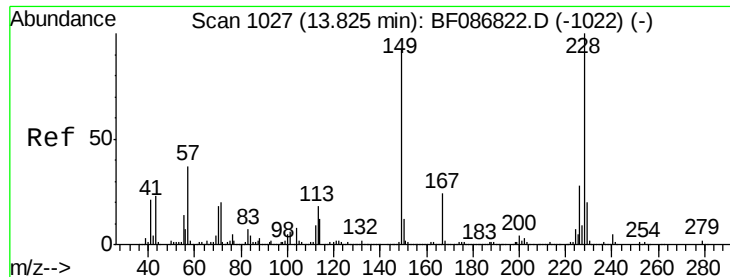
Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

122 15.1 12.0 18.0





#80

Benzo(a)anthracene

Concen: 8.26 ng

RT: 13.814 min Scan# 1026

Delta R.T. -0.011 min

Lab File: BF086890.D

Acq: 11 May 2016 9:30

Instrument :

BNA_F

ClientSampleId :

NYSEG-CLARK-ST-ESMI-5

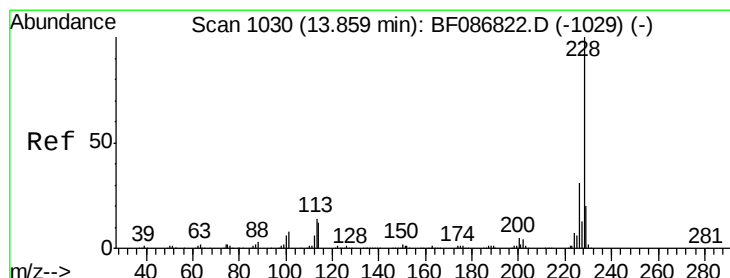
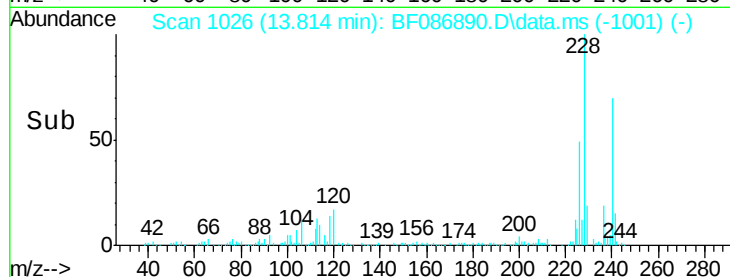
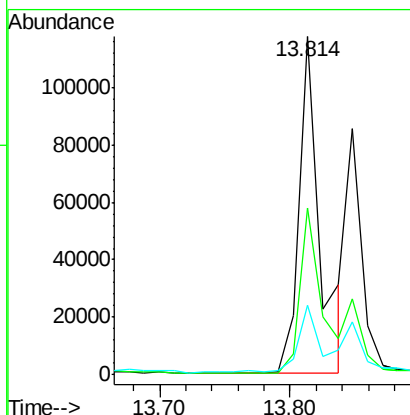
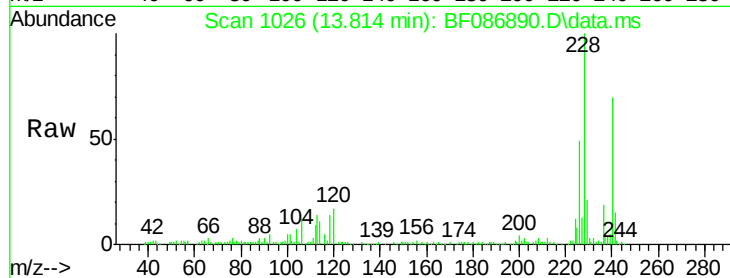
Tot Ion:228 Resp: 132481

Ion Ratio Lower Upper

228 100

226 49.4 22.5 33.7#

229 20.6 16.6 25.0



#82

Chrysene

Concen: 8.12 ng

RT: 13.814 min Scan# 1026

Delta R.T. -0.046 min

Lab File: BF086890.D

Acq: 11 May 2016 9:30

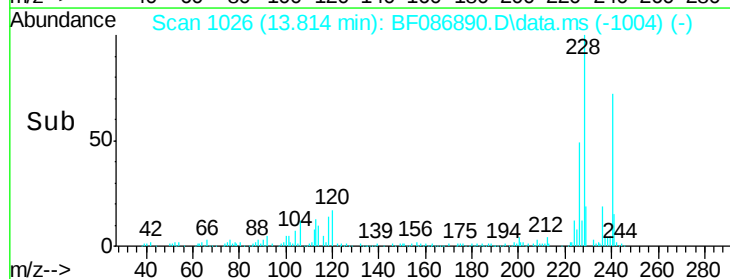
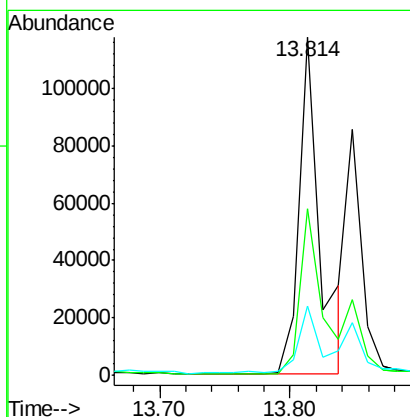
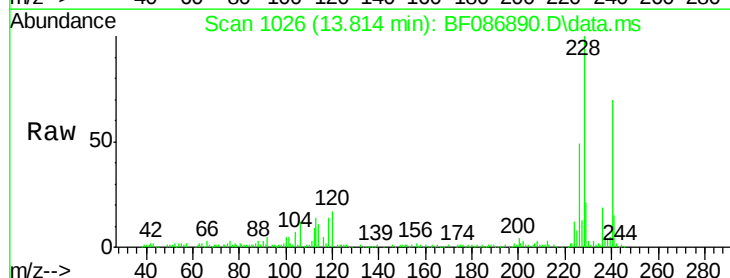
Tgt Ion:228 Resp: 132481

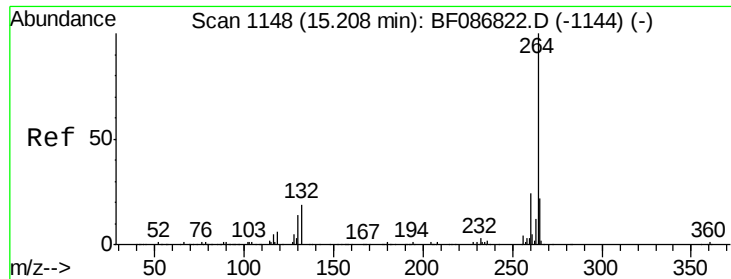
Ion Ratio Lower Upper

228 100

226 49.4 24.4 36.6#

229 20.6 15.8 23.8

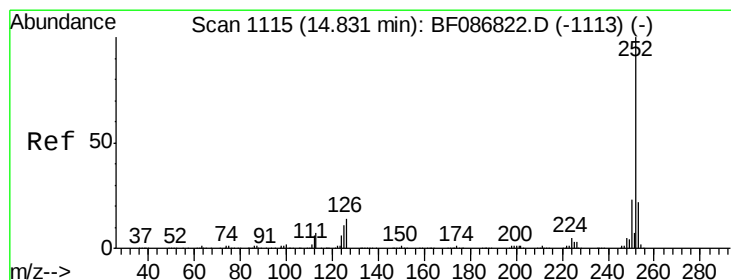
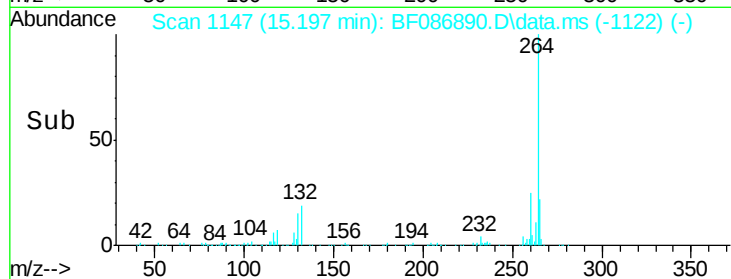
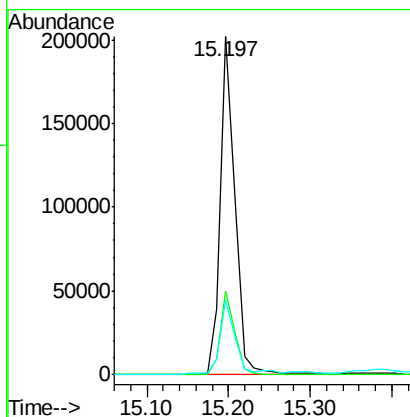
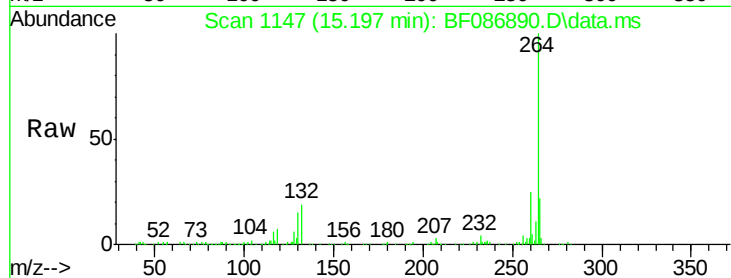




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.197 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF086890.D
Acq: 11 May 2016 9:30

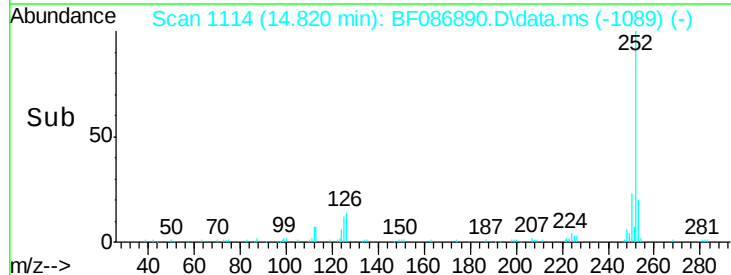
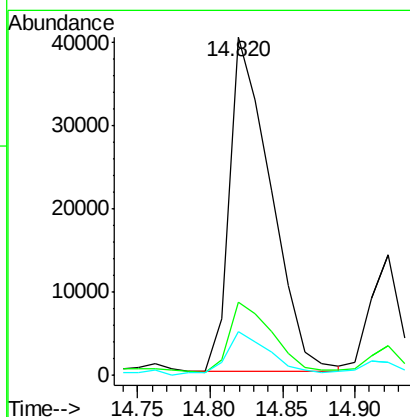
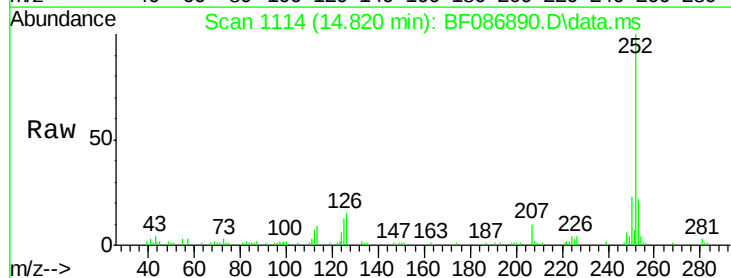
Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-5

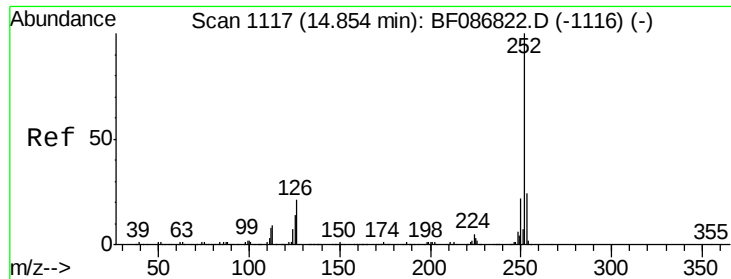
Tot Ion:264 Resp: 248043
Ion Ratio Lower Upper
264 100
260 24.6 19.5 29.3
265 21.9 17.3 25.9



#87
Benzo(b)fluoranthene
Concen: 4.87 ng
RT: 14.820 min Scan# 1114
Delta R.T. -0.011 min
Lab File: BF086890.D
Acq: 11 May 2016 9:30

Tgt Ion:252 Resp: 78530
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 12.7 11.4 17.0

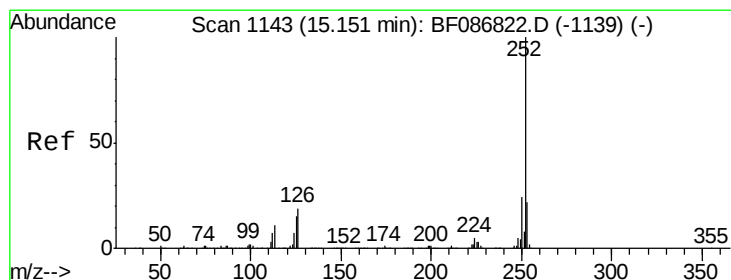
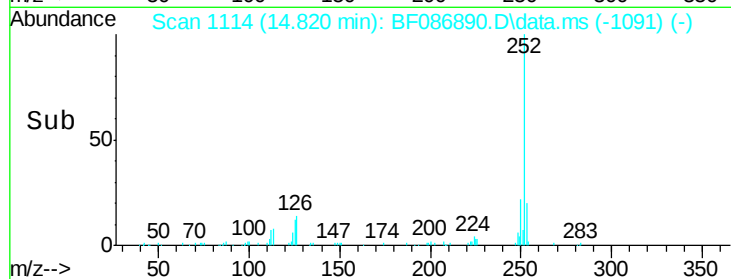
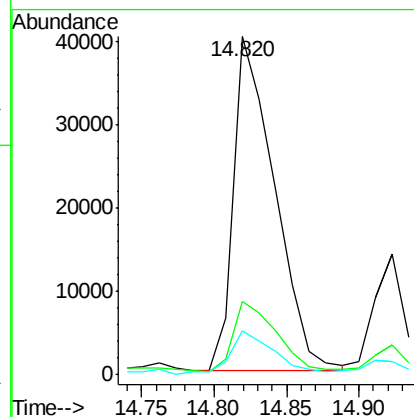
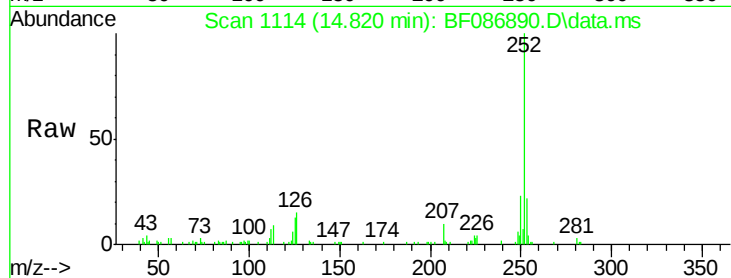




#88
Benzo(k)fluoranthene
Concen: 5.95 ng
RT: 14.820 min Scan# 1117
Delta R.T. -0.034 min
Lab File: BF086890.D
Acq: 11 May 2016 9:30

Instrument :
BNA_F
ClientSampleId :
NYSEG-CLARK-ST-ESMI-5

Tot Ion:252 Resp: 78530
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 12.7 9.1 13.7



#89
Benzo(a)pyrene
Concen: 2.86 ng
RT: 15.094 min Scan# 1138
Delta R.T. -0.057 min
Lab File: BF086890.D
Acq: 11 May 2016 9:30

Tgt Ion:252 Resp: 39716
Ion Ratio Lower Upper
252 100
253 23.0 17.2 25.8
125 11.8 9.0 13.6

