

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060816\
 Data File : BF087825.D
 Acq On : 8 Jun 2016 22:46
 Operator : UM/SJ
 Sample : H3399-06
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-27

Quant Time: Jun 09 02:02:32 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 07 18:51:55 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	87268	20.00	ng	-0.02
21) Naphthalene-d8	8.11	136	376767	20.00	ng	-0.01
38) Acenaphthene-d10	9.87	164	156498	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	259608	20.00	ng	0.00
75) Chrysene-d12	13.99	240	211858	20.00	ng	0.00
86) Perylene-d12	15.42	264	168453	20.00	ng	0.02

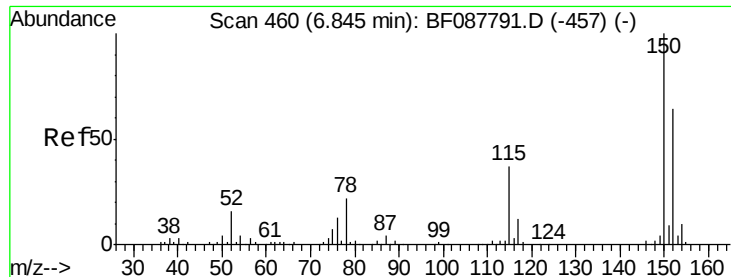
System Monitoring Compounds

5) 2-Fluorophenol	5.43	112	589675	115.51	ng	0.00
7) Phenol-d6	6.47	99	844956	136.58	ng	-0.01
23) Nitrobenzene-d5	7.39	82	509541	78.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	190766	115.44	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	975079	98.78	ng	-0.01
78) Terphenyl-d14	12.95	244	698791	75.06	ng	0.00

Target Compounds

						Qvalue
10) Phenol	6.48	94	3008	Below Cal		93
19) n-Nitroso-di-n-propylamine	7.39	70	68912	17.41 ng	#	73
45) 1,1'-Biphenyl	9.29	154	2676	Below Cal		87
49) Dimethylphthalate	9.59	163	86110	7.60 ng		98
51) Acenaphthene	9.90	154	20158	2.01 ng		99
55) 4-Nitrophenol	10.07	139	5268	2.27 ng	#	5
56) 2,4-Dinitrotoluene	9.87	165	20330	6.09 ng	#	36
57) Fluorene	10.41	166	21158	Below Cal	#	96
64) 4,6-Dinitro-2-methylphenol	10.66	198	291	2.33 ng	#	1
66) 4-Bromophenyl-phenylether	10.66	248	11941	4.29 ng	#	1
70) Phenanthrene	11.38	178	281282	20.65 ng		98
71) Anthracene	11.43	178	81690	5.94 ng		96
72) Carbazole	11.59	167	26344	2.05 ng		98
74) Fluoranthene	12.57	202	399547	27.79 ng		93
77) Pyrene	12.79	202	362542	23.06 ng		97
80) Benzo(a)anthracene	13.98	228	226445	18.76 ng		97
82) Chrysene	14.02	228	168329	14.82 ng		97
85) Indeno(1,2,3-cd)pyrene	16.80	276	85580	8.11 ng	#	100
87) Benzo(b)fluoranthene	15.01	252	292798	24.94 ng	#	93
88) Benzo(k)fluoranthene	15.01	252	292798	33.06 ng		98
89) Benzo(a)pyrene	15.30	252	102997	10.84 ng		95
90) Dibenzo(a,h)anthracene	16.97	278	18115	2.05 ng		93
91) Benzo(g,h,i)perylene	17.22	276	80207	8.84 ng		96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. -0.02 min

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SS-27

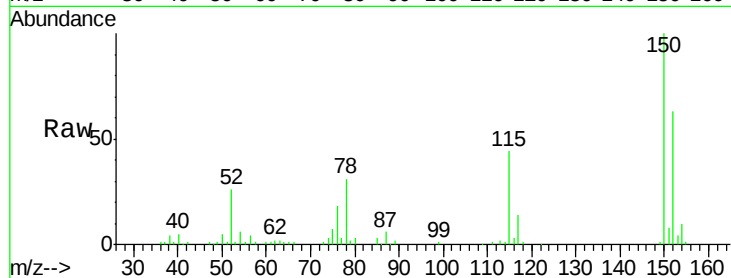
Tgt Ion:152 Resp: 87268

Ion Ratio Lower Upper

152 100

150 159.5 123.8 185.6

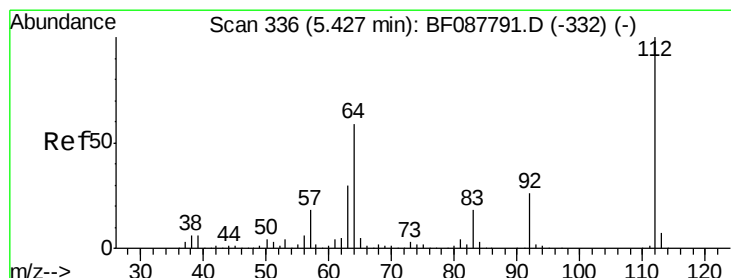
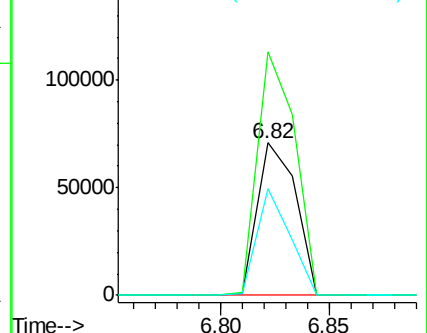
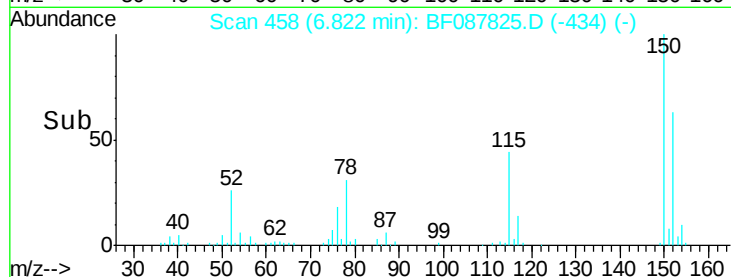
115 69.9 39.6 59.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 115.51 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.00 min

Lab File: BF087825.D

Acq: 8 Jun 2016 22:46

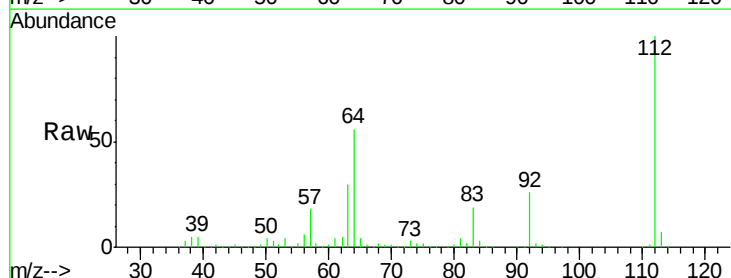
Tgt Ion:112 Resp: 589675

Ion Ratio Lower Upper

112 100

64 55.9 42.2 63.2

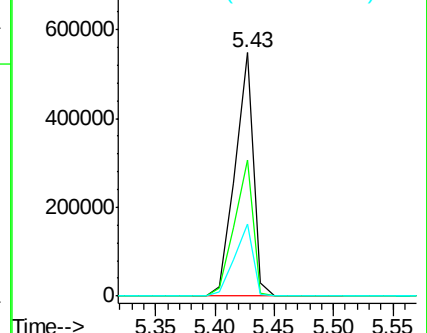
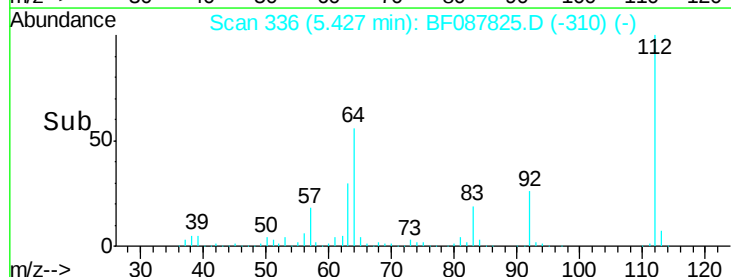
63 29.8 21.8 32.8

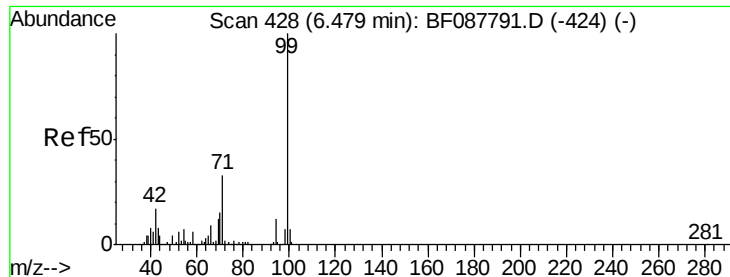


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 136.58 ng

RT: 6.47 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF087825.D

Acq: 8 Jun 2016 22:46

Instrument :

BNA_F

ClientSampleId :

SS-27

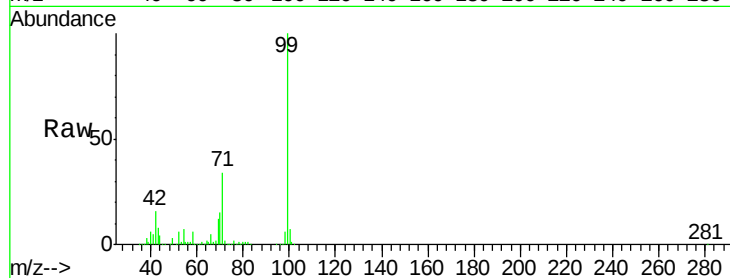
Tgt Ion: 99 Resp: 844956

Ion Ratio Lower Upper

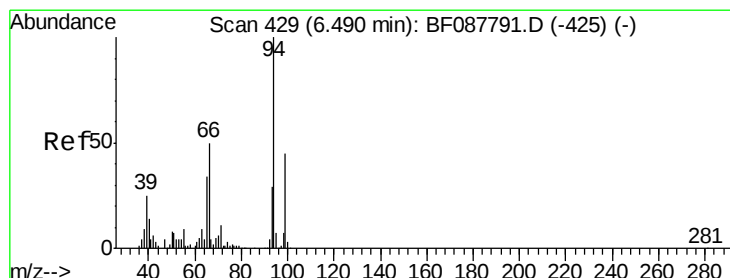
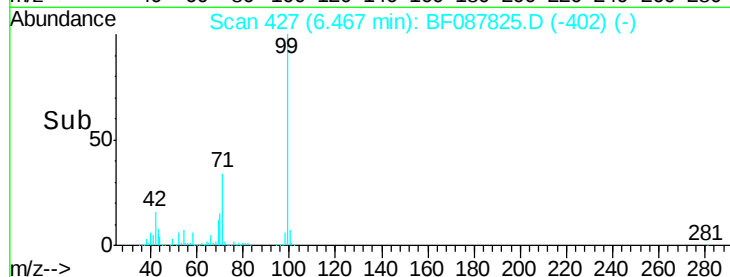
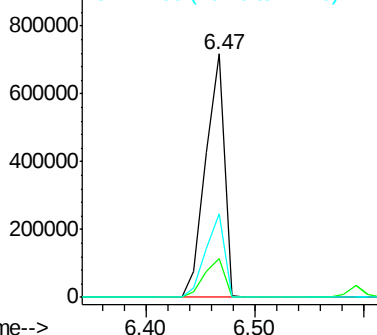
99 100

42 16.1 12.2 18.2

71 34.3 23.4 35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: Below Cal

RT: 6.48 min Scan# 428

Delta R.T. -0.01 min

Lab File: BF087825.D

Acq: 8 Jun 2016 22:46

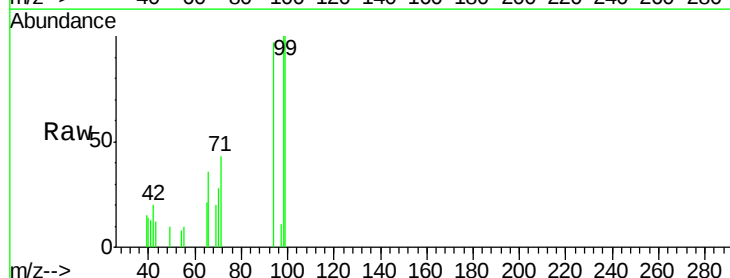
Tgt Ion: 94 Resp: 3008

Ion Ratio Lower Upper

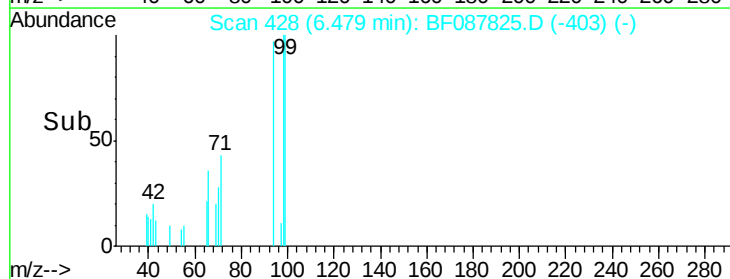
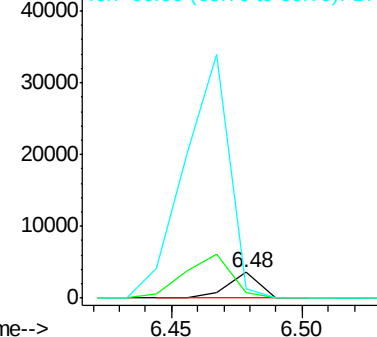
94 100

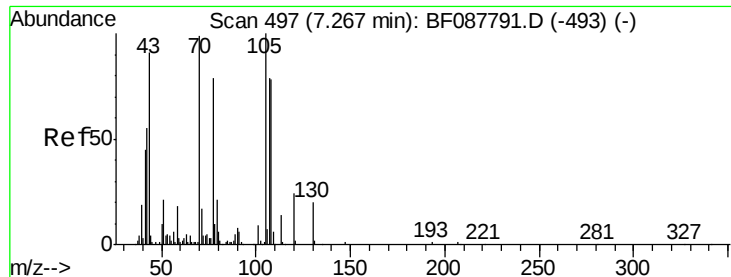
65 21.7 5.9 45.9

66 37.1 14.0 54.0



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

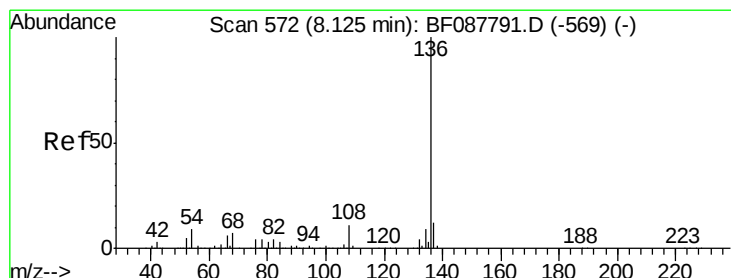
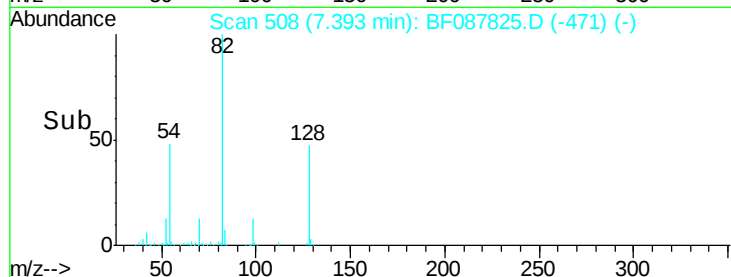
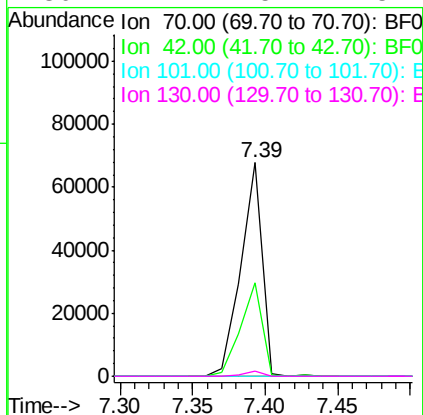
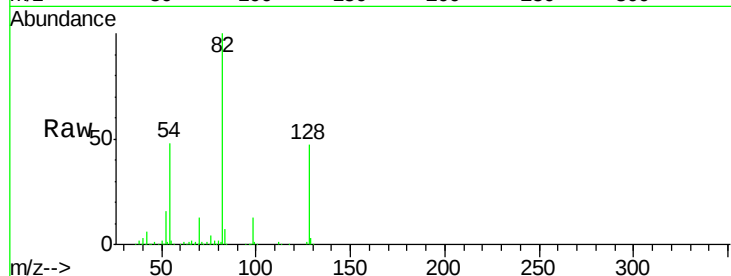




#19
n-Nitroso-di-n-propylamine
Concen: 17.41 ng
RT: 7.39 min Scan# 508
Delta R.T. 0.13 min
Lab File: BF087825.D
Acq: 8 Jun 2016 22:46

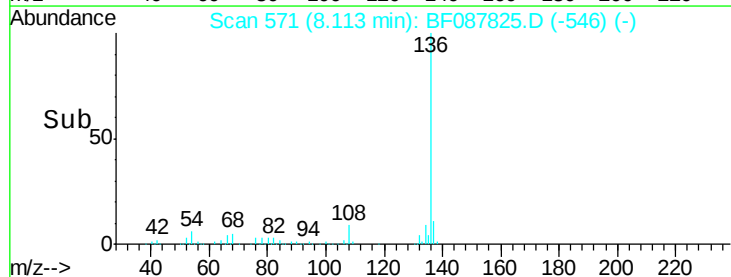
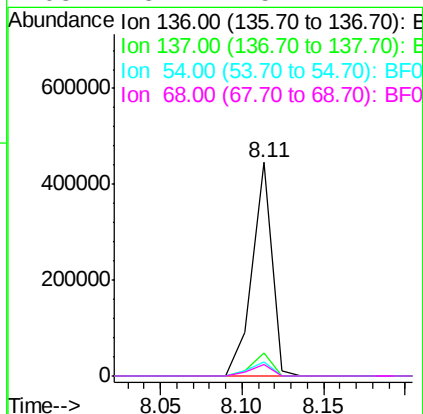
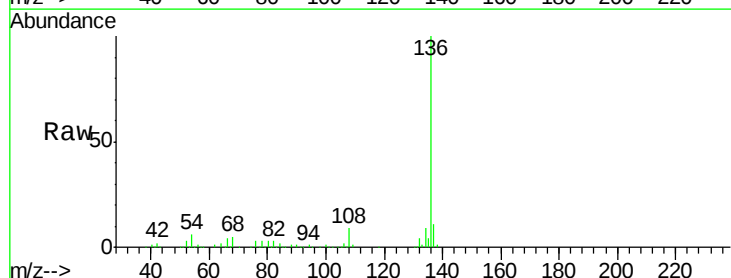
Instrument :
BNA_F
ClientSampleId :
SS-27

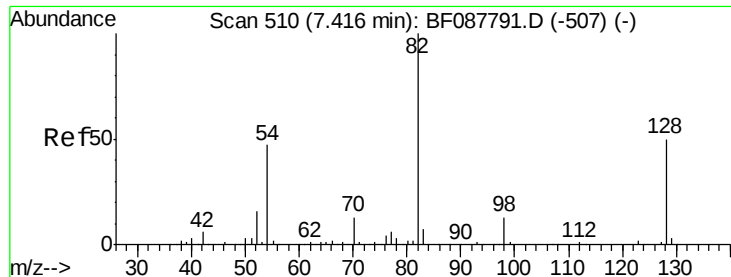
Tgt Ion:	70	Resp:	68912
Ion	Ratio	Lower	Upper
70	100		
42	43.6	49.6	74.4#
101	0.0	7.1	10.7#
130	2.4	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.11 min Scan# 571
Delta R.T. -0.01 min
Lab File: BF087825.D
Acq: 8 Jun 2016 22:46

Tgt Ion:	136	Resp:	376767
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	6.3	6.6	10.0#
68	5.2	5.1	7.7

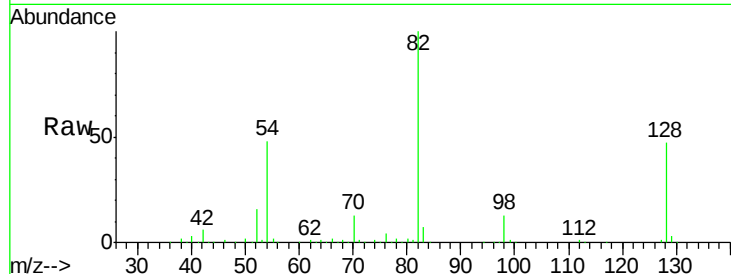




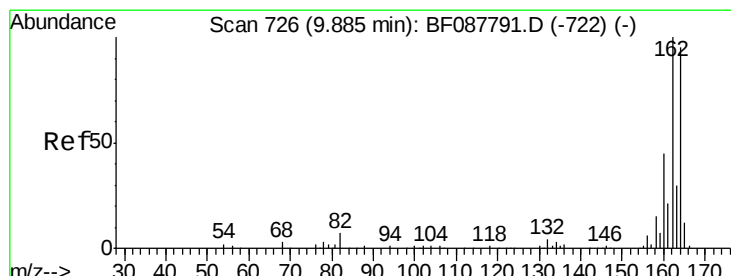
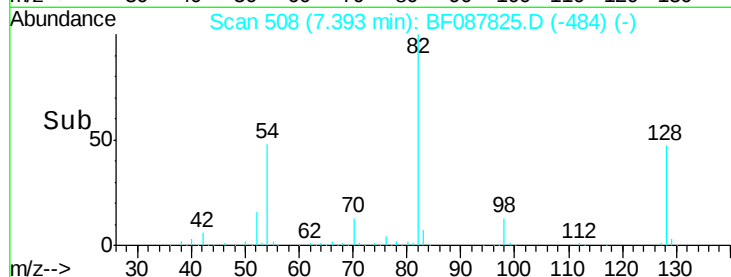
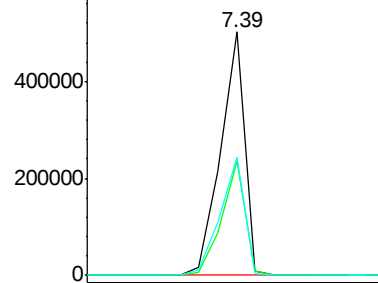
#23
Nitrobenzene-d5
Concen: 78.97 ng
RT: 7.39 min Scan# 508
Delta R.T. -0.02 min
Lab File: BF087825.D
Acq: 8 Jun 2016 22:46

Instrument :
BNA_F
ClientSampleId :
SS-27

Tgt Ion: 82 Resp: 509541
Ion Ratio Lower Upper
82 100
128 47.0 35.9 53.9
54 48.4 40.9 61.3

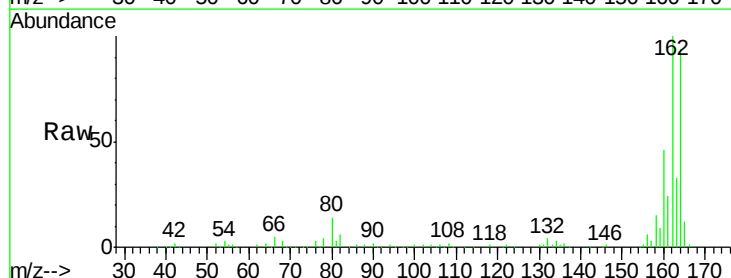


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

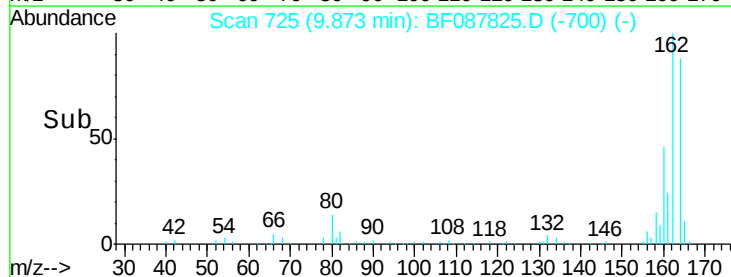
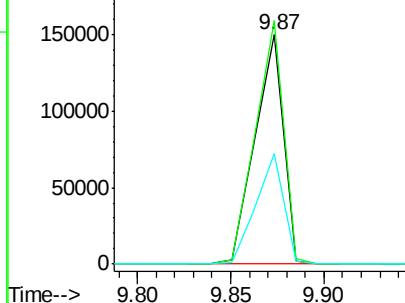


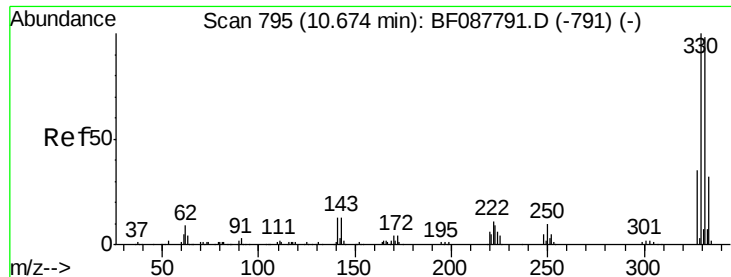
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.01 min
Lab File: BF087825.D
Acq: 8 Jun 2016 22:46

Tgt Ion: 164 Resp: 156498
Ion Ratio Lower Upper
164 100
162 106.3 85.4 128.2
160 48.5 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

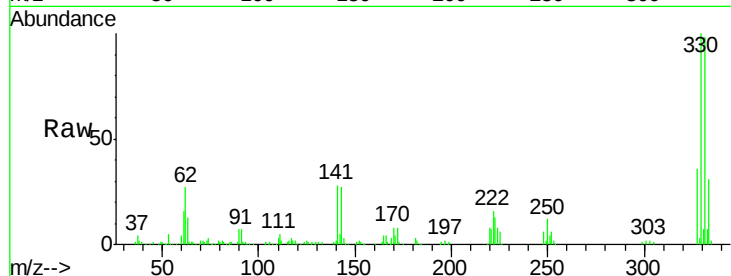




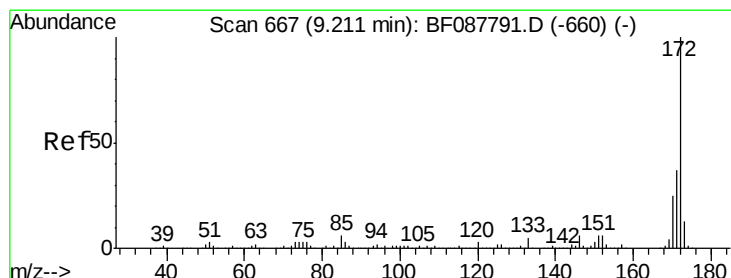
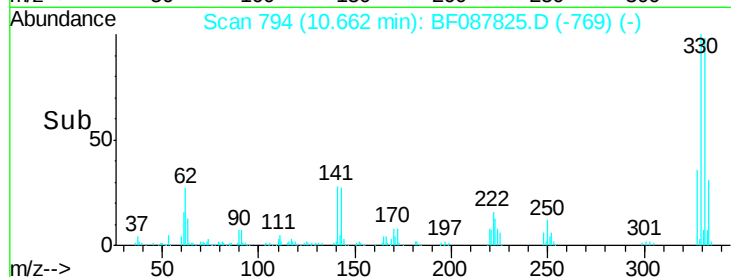
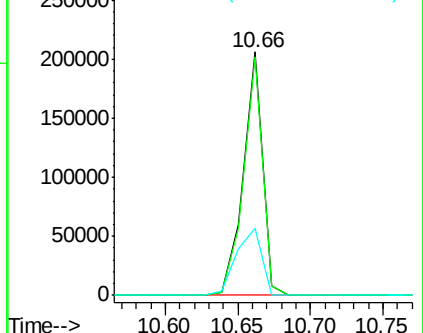
#41
 2,4,6-Tribromophenol
 Concen: 115.44 ng
 RT: 10.66 min Scan# 794
 Delta R.T. -0.01 min
 Lab File: BF087825.D
 Acq: 8 Jun 2016 22:46

Instrument :
 BNA_F
 ClientSampled :
 SS-27

Tgt Ion: 330 Resp: 190766
 Ion Ratio Lower Upper
 330 100
 332 97.0 0.0 0.0#
 141 36.4 0.0 0.0#

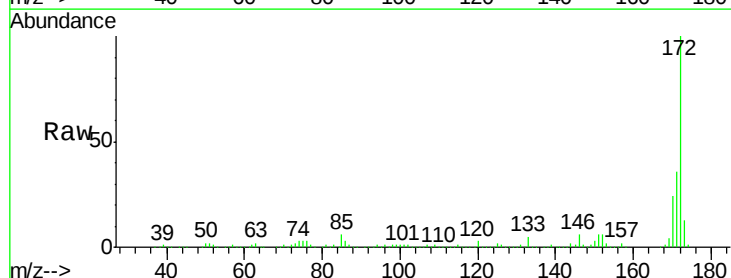


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

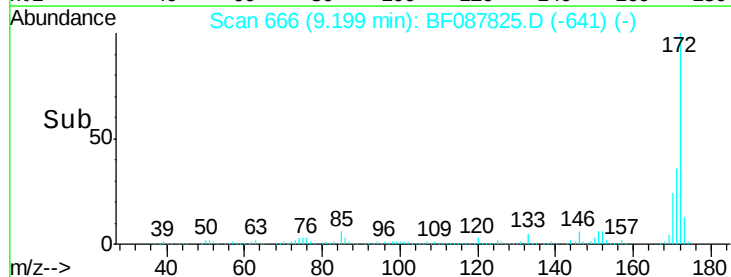
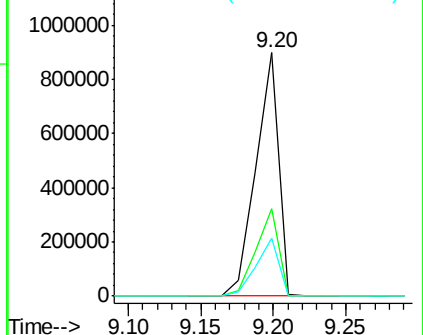


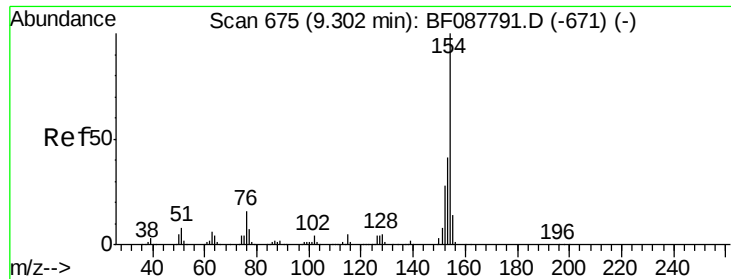
#44
 2-Fluorobiphenyl
 Concen: 98.78 ng
 RT: 9.20 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF087825.D
 Acq: 8 Jun 2016 22:46

Tgt Ion: 172 Resp: 975079
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.6 43.0
 170 24.0 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

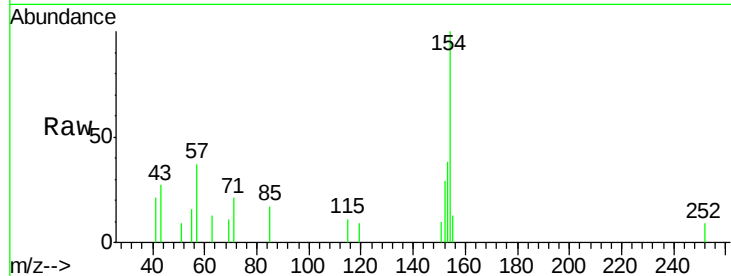




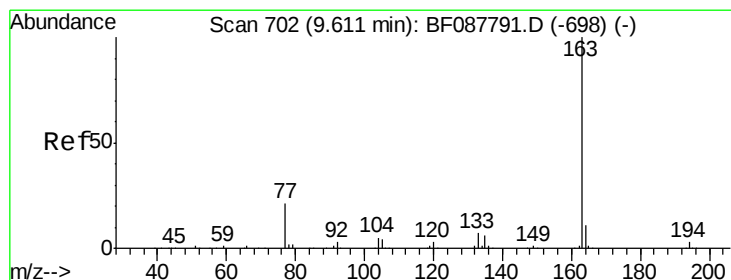
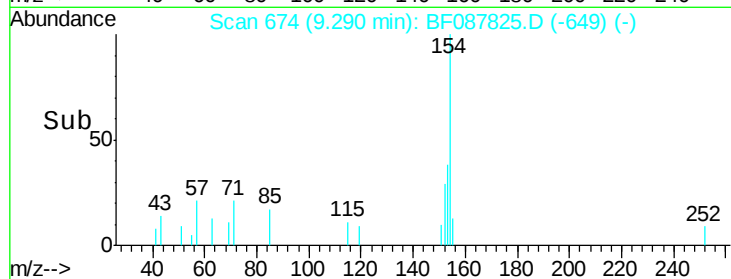
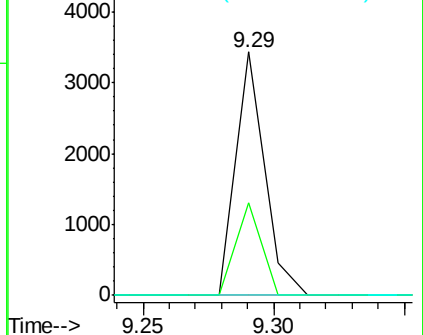
#45
1,1'-Biphenyl
Concen: Below Cal
RT: 9.29 min Scan# 674
Delta R.T. -0.01 min
Lab File: BF087825.D
Acq: 8 Jun 2016 22:46

Instrument :
BNA_F
ClientSampleId :
SS-27

Tgt Ion:154 Resp: 2676
Ion Ratio Lower Upper
154 100
153 38.2 20.6 60.6
76 0.0 0.0 35.1

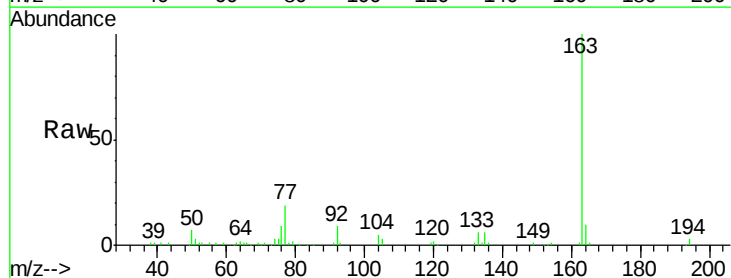


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

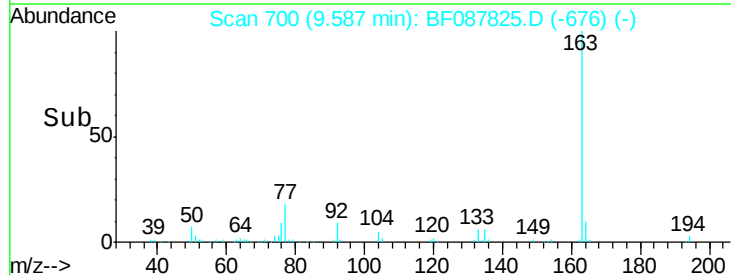
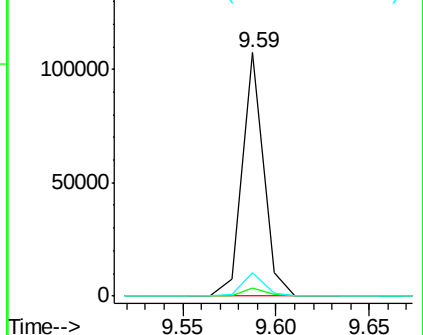


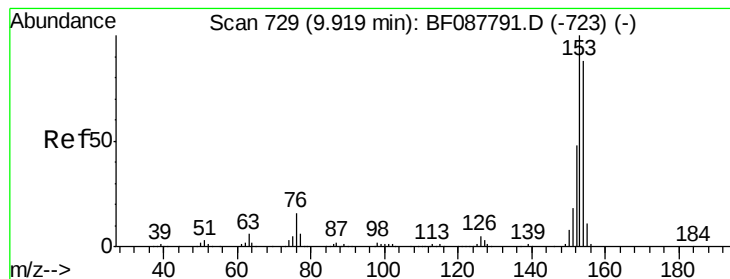
#49
Dimethylphthalate
Concen: 7.60 ng
RT: 9.59 min Scan# 700
Delta R.T. -0.02 min
Lab File: BF087825.D
Acq: 8 Jun 2016 22:46

Tgt Ion:163 Resp: 86110
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 9.8 8.3 12.5



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

Acenaphthene

Concen: 2.01 ng

RT: 9.90 min Scan# 727

Delta R.T. -0.02 min

Lab File: BF087825.D

Acq: 8 Jun 2016 22:46

Instrument :

BNA_F

ClientSampleId :

SS-27

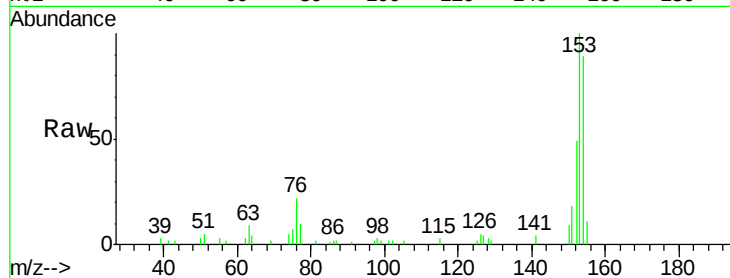
Tgt Ion:154 Resp: 20158

Ion Ratio Lower Upper

154 100

153 112.2 89.5 134.3

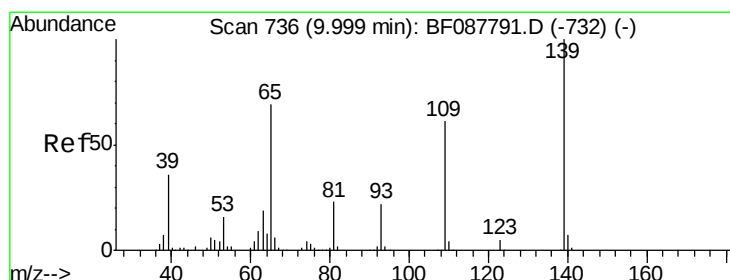
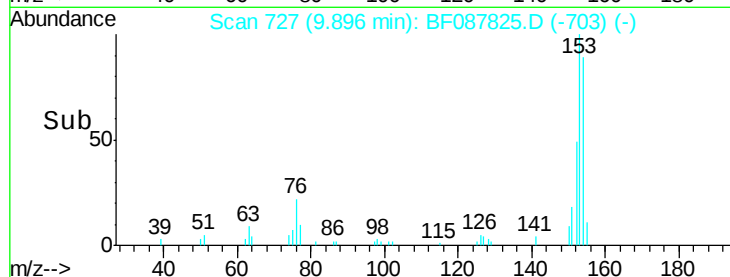
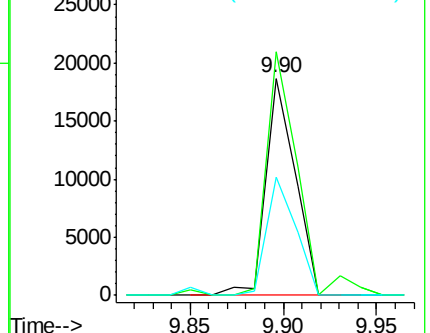
152 54.6 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#55

4-Nitrophenol

Concen: 2.27 ng

RT: 10.07 min Scan# 742

Delta R.T. 0.07 min

Lab File: BF087825.D

Acq: 8 Jun 2016 22:46

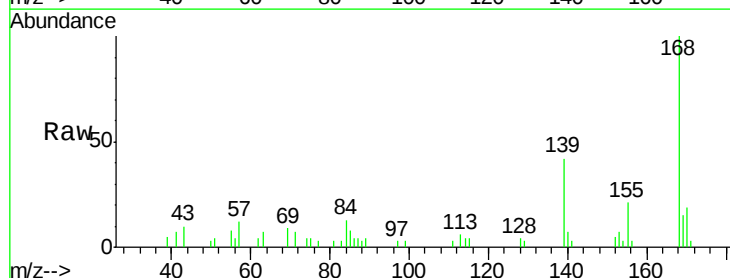
Tgt Ion:139 Resp: 5268

Ion Ratio Lower Upper

139 100

109 0.0 48.9 88.9#

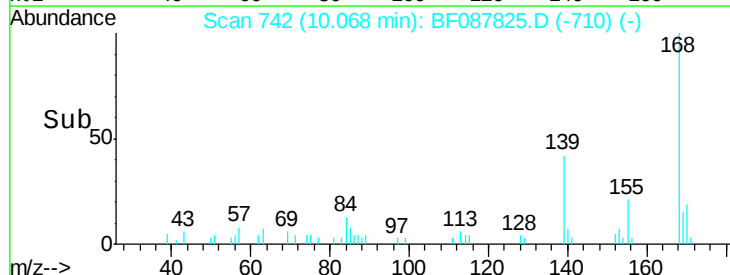
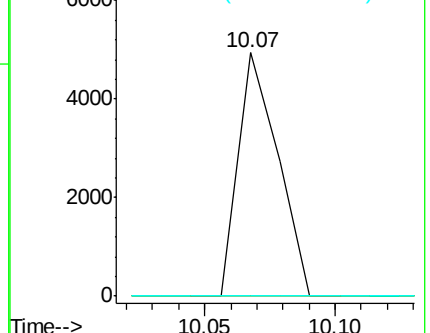
65 0.0 84.9 124.9#

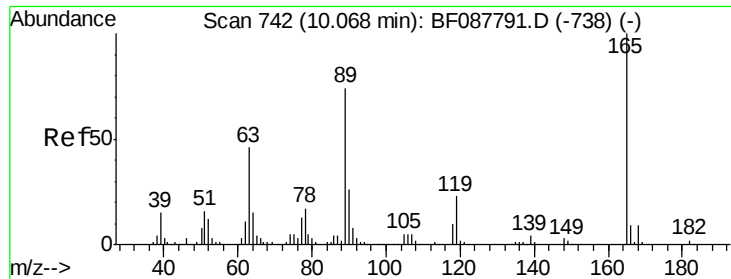


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

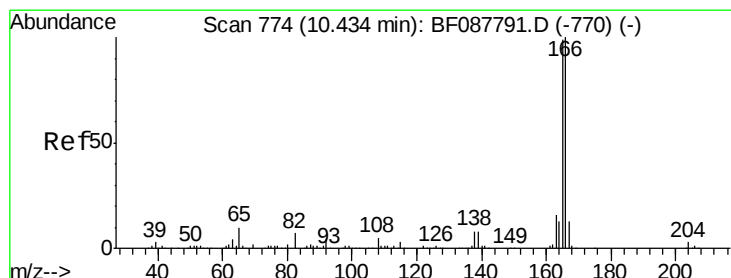
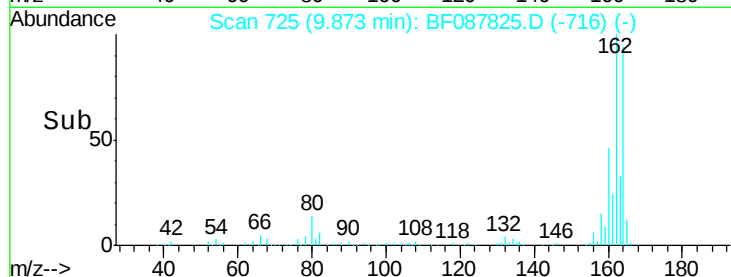
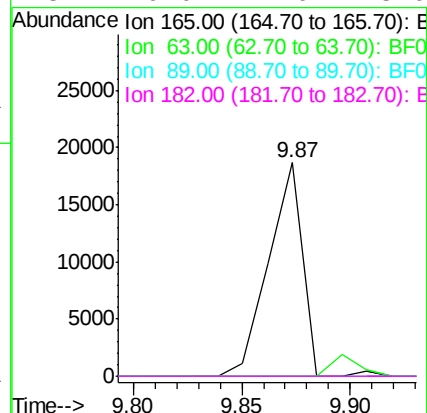
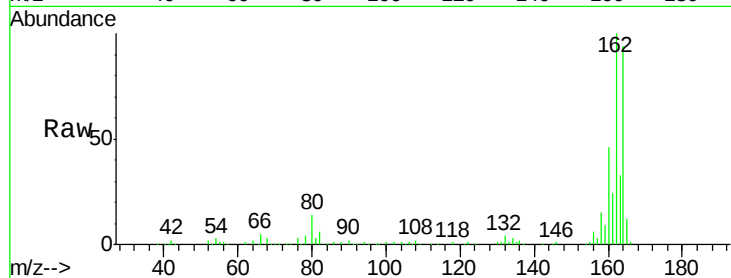




#56
2,4-Dinitrotoluene
Concen: 6.09 ng
RT: 9.87 min Scan# 725
Delta R.T. -0.19 min
Lab File: BF087825.D
Acq: 8 Jun 2016 22:46

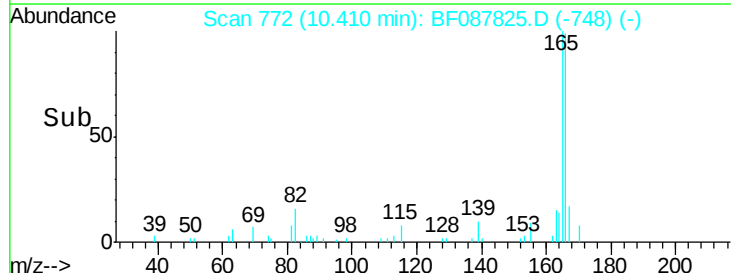
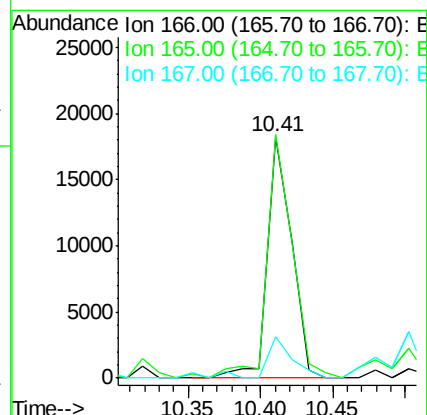
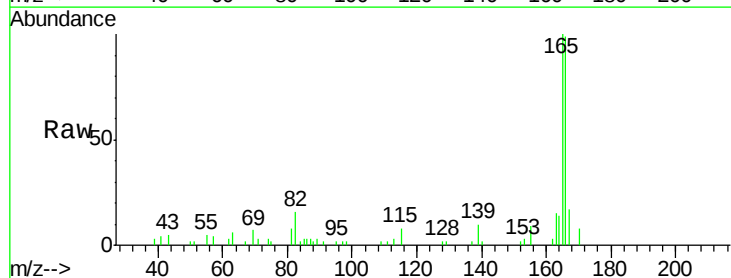
Instrument :
BNA_F
ClientSampleId :
SS-27

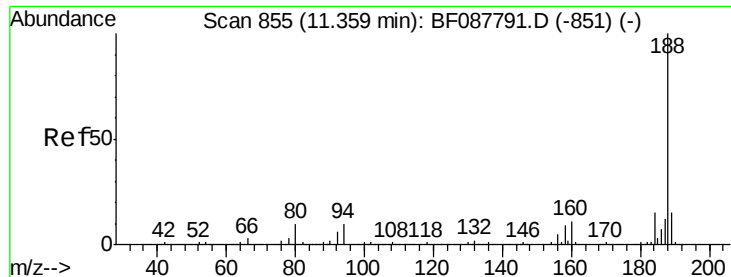
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
182	0.0	2.0	3.0#



#57
Fluorene
Concen: Below Cal
RT: 10.41 min Scan# 772
Delta R.T. -0.02 min
Lab File: BF087825.D
Acq: 8 Jun 2016 22:46

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.0	77.8	116.8
167	16.9	11.2	16.8#

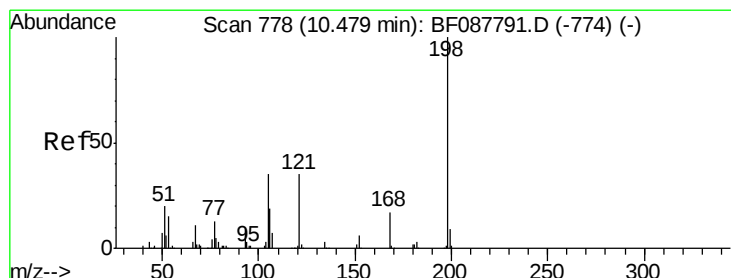
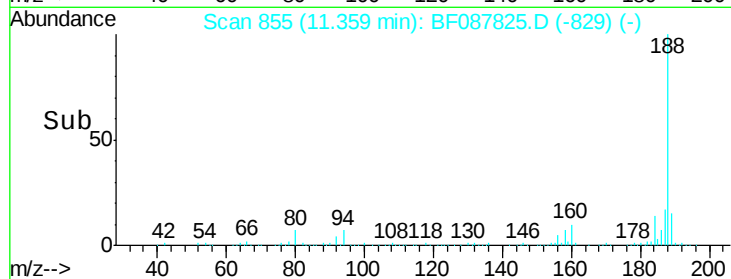
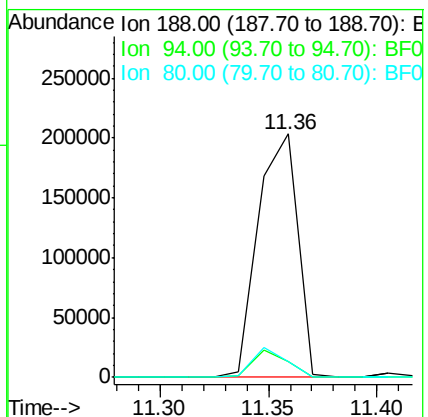
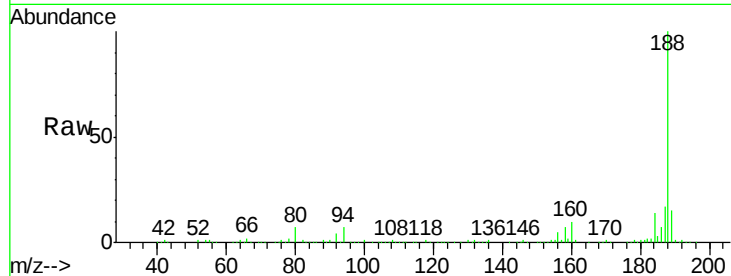




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.36 min Scan# 855
 Delta R.T. -0.00 min
 Lab File: BF087825.D
 Acq: 8 Jun 2016 22:46

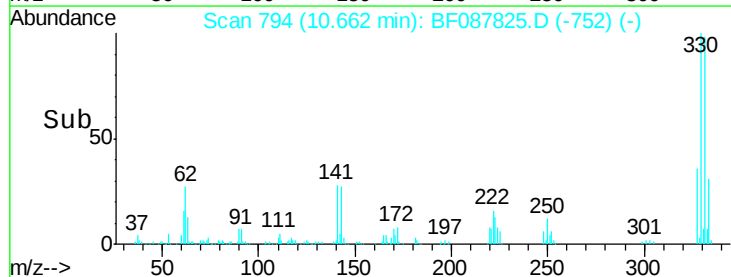
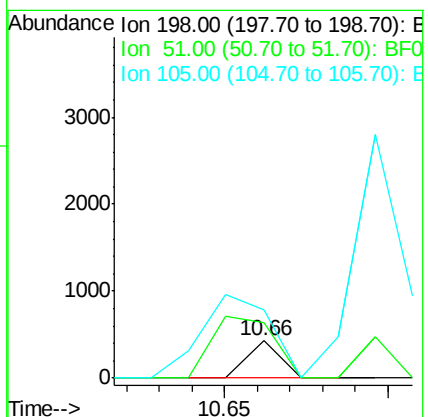
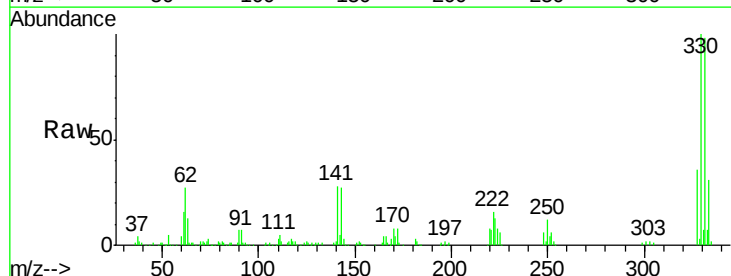
Instrument :
 BNA_F
 ClientSampleId :
 SS-27

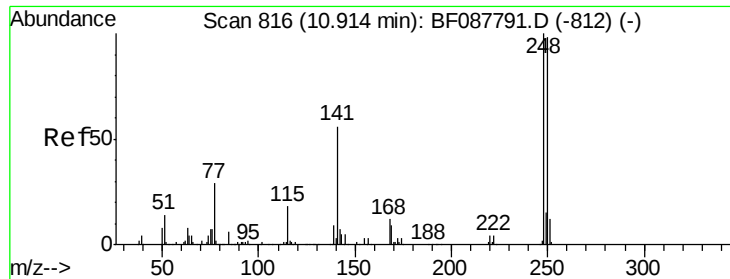
Tgt Ion:188 Resp: 259608
 Ion Ratio Lower Upper
 188 100
 94 6.6 9.0 13.6#
 80 6.5 10.0 15.0#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.33 ng
 RT: 10.66 min Scan# 794
 Delta R.T. 0.18 min
 Lab File: BF087825.D
 Acq: 8 Jun 2016 22:46

Tgt Ion:198 Resp: 291
 Ion Ratio Lower Upper
 198 100
 51 149.6 39.6 79.6#
 105 185.2 36.6 76.6#





#66

4-Bromophenyl-phenylether

Concen: 4.29 ng

RT: 10.66 min Scan# 794

Delta R.T. -0.25 min

Lab File: BF087825.D

Acq: 8 Jun 2016 22:46

Instrument :

BNA_F

ClientSampleId :

SS-27

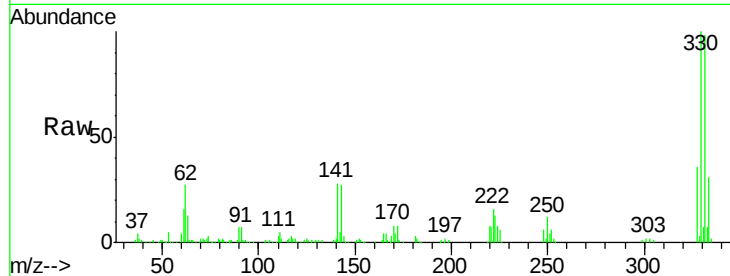
Tgt Ion:248 Resp: 11941

Ion Ratio Lower Upper

248 100

250 203.5 77.1 115.7#

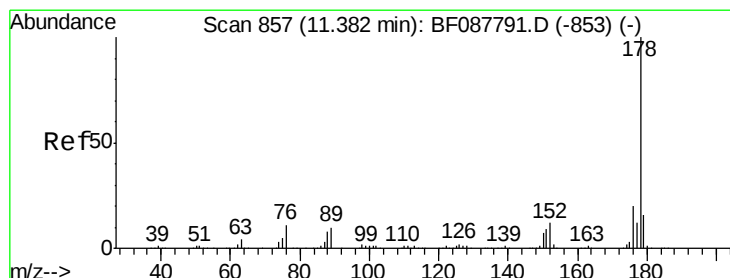
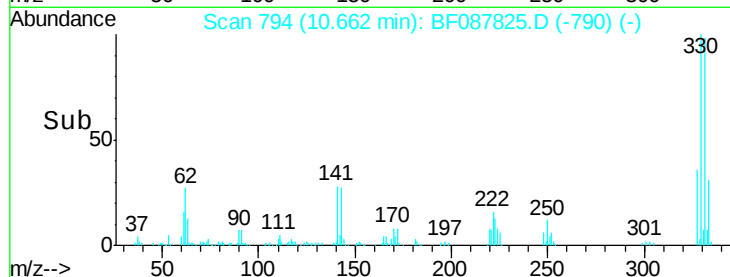
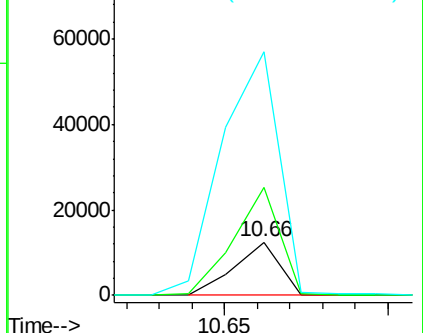
141 459.9 50.6 76.0#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#70

Phenanthrene

Concen: 20.65 ng

RT: 11.38 min Scan# 857

Delta R.T. -0.00 min

Lab File: BF087825.D

Acq: 8 Jun 2016 22:46

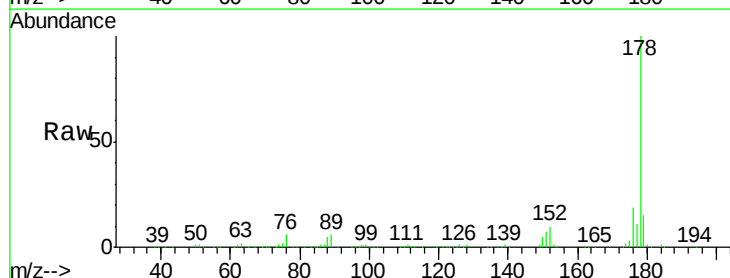
Tgt Ion:178 Resp: 281282

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.6

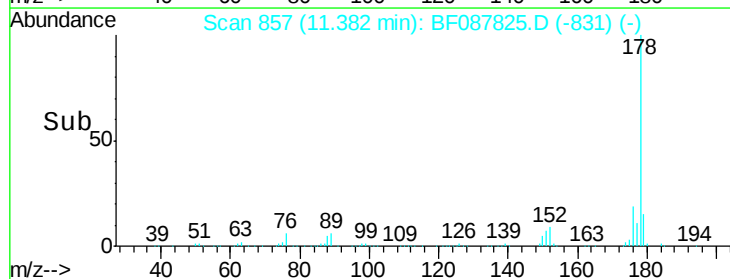
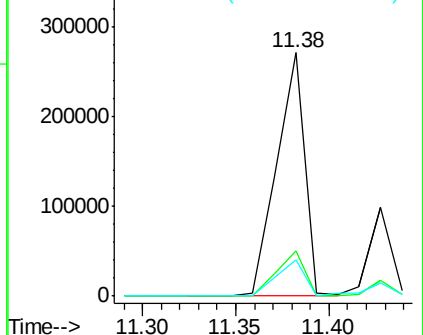
179 15.1 13.0 19.4

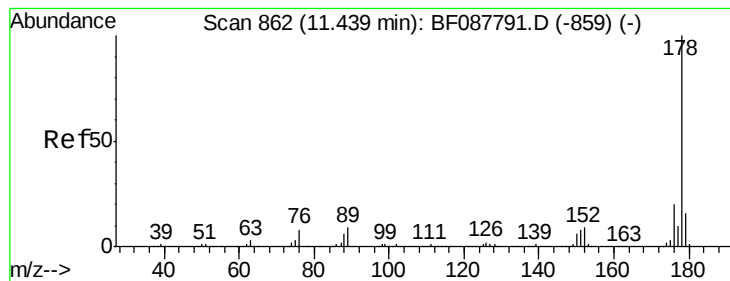


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 5.94 ng

RT: 11.43 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF087825.D

Acq: 8 Jun 2016 22:46

Instrument :

BNA_F

ClientSampleId :

SS-27

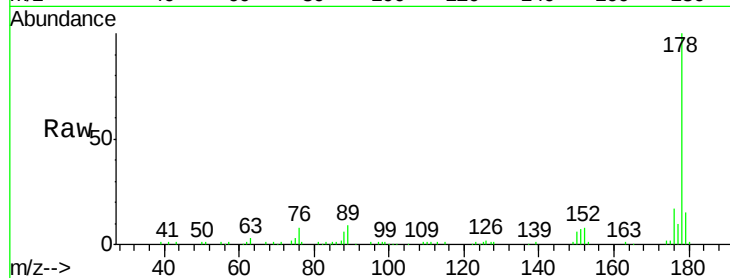
Tgt Ion:178 Resp: 81690

Ion Ratio Lower Upper

178 100

176 17.5 15.6 23.4

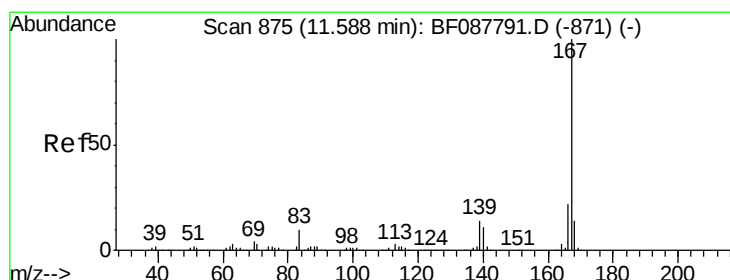
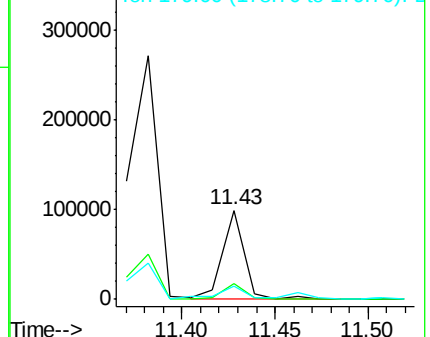
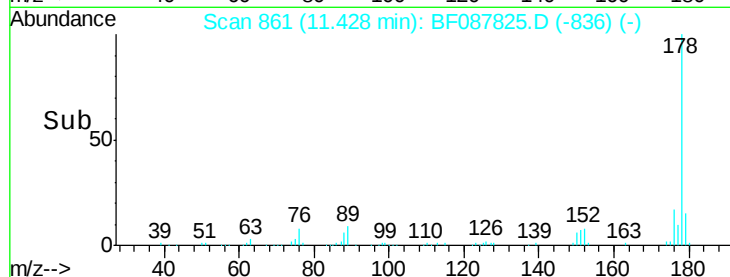
179 14.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 2.05 ng

RT: 11.59 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF087825.D

Acq: 8 Jun 2016 22:46

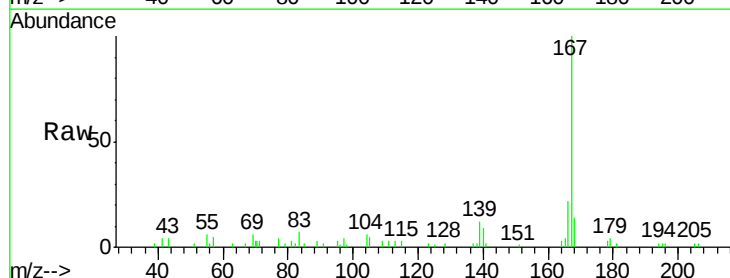
Tgt Ion:167 Resp: 26344

Ion Ratio Lower Upper

167 100

166 22.0 17.8 26.6

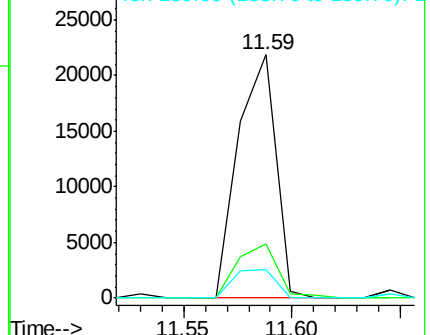
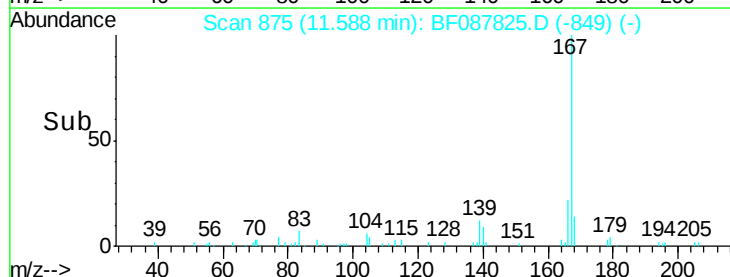
139 11.9 11.2 16.8

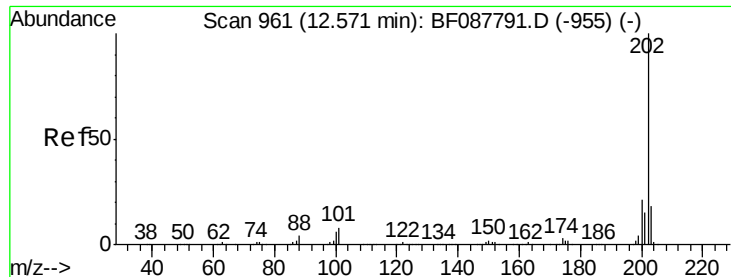


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 27.79 ng

RT: 12.57 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF087825.D

Acq: 8 Jun 2016 22:46

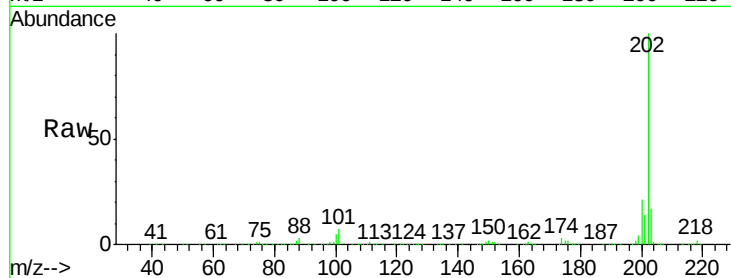
Instrument :

BNA_F

ClientSampleId :

SS-27

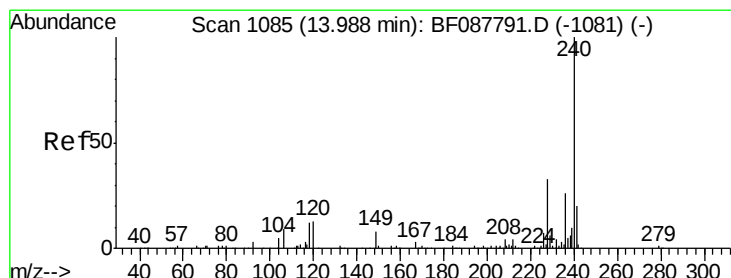
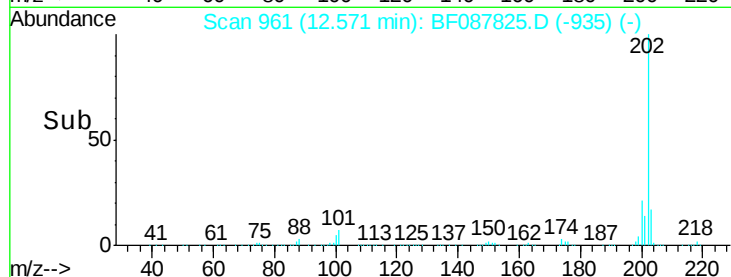
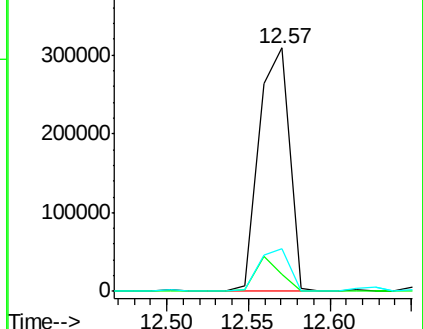
Tgt Ion:	202	Resp:	399547
Ion	Ratio	Lower	Upper
202	100		
101	7.1	0.0	33.1
203	17.4	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

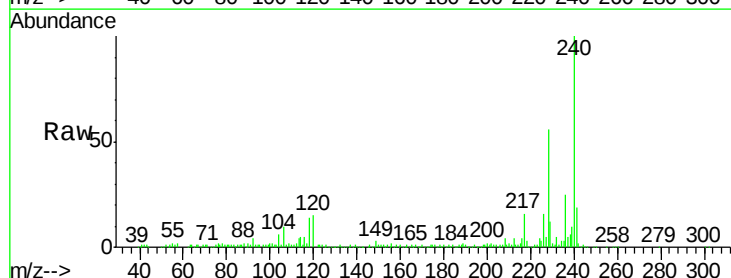
RT: 13.99 min Scan# 1085

Delta R.T. -0.00 min

Lab File: BF087825.D

Acq: 8 Jun 2016 22:46

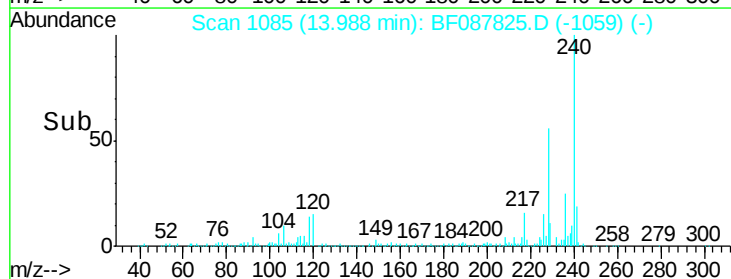
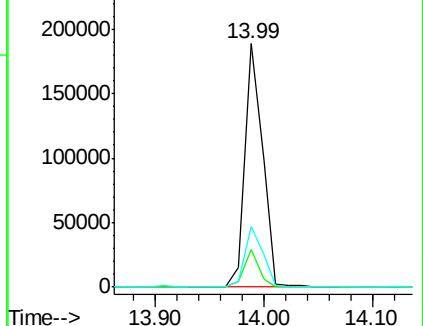
Tgt Ion:	240	Resp:	211858
Ion	Ratio	Lower	Upper
240	100		
120	15.2	6.8	10.2#
236	24.9	20.2	30.2

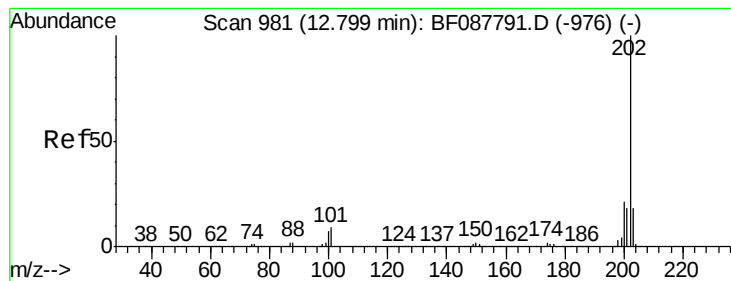


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 23.06 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF087825.D

Acq: 8 Jun 2016 22:46

Instrument :

BNA_F

ClientSampleId :

SS-27

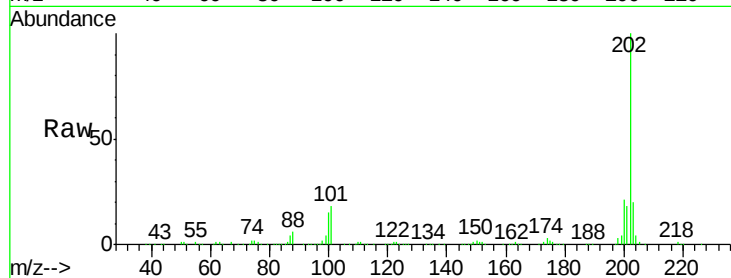
Tgt Ion: 202 Resp: 362542

Ion Ratio Lower Upper

202 100

200 21.1 17.4 26.2

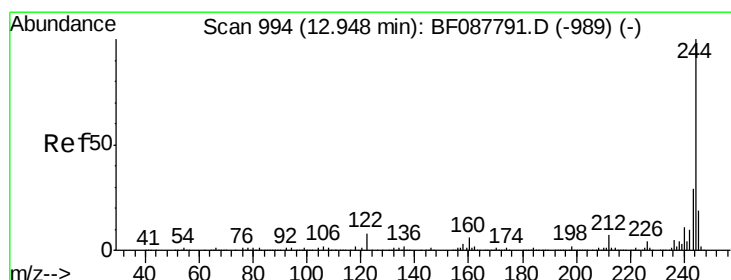
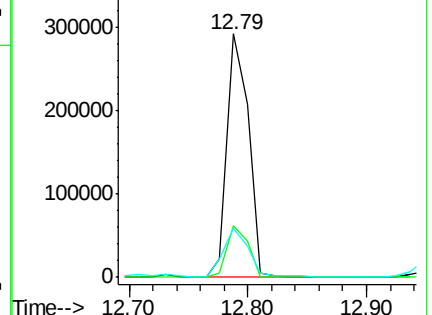
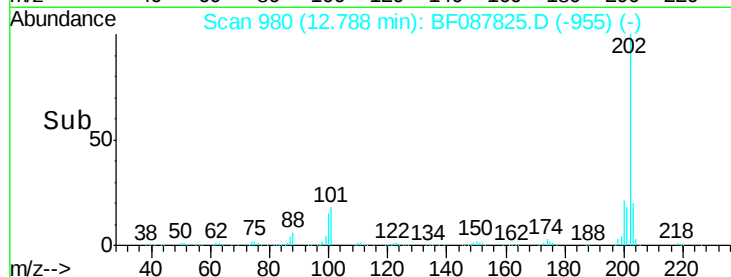
203 20.1 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 75.06 ng

RT: 12.95 min Scan# 994

Delta R.T. -0.00 min

Lab File: BF087825.D

Acq: 8 Jun 2016 22:46

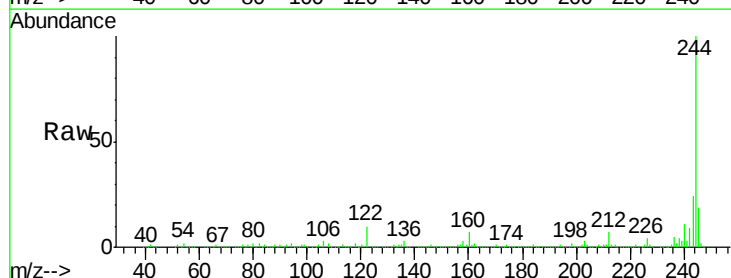
Tgt Ion: 244 Resp: 698791

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

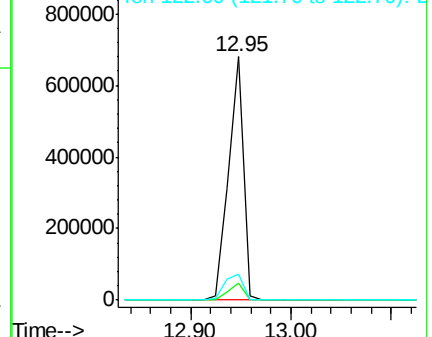
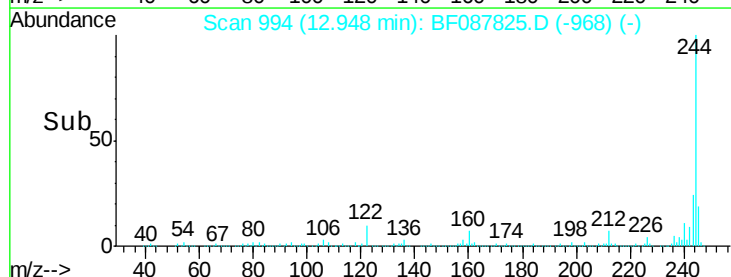
122 10.4 11.2 16.8#

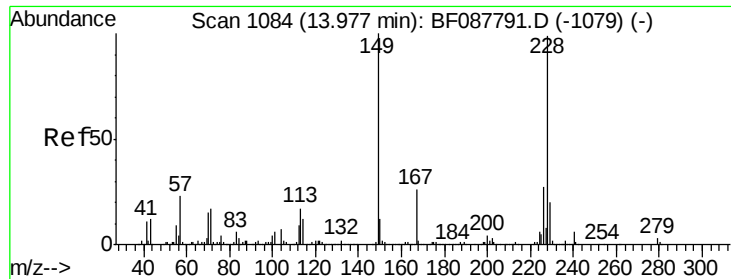


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 18.76 ng

RT: 13.98 min Scan# 1084

Delta R.T. -0.00 min

Lab File: BF087825.D

Acq: 8 Jun 2016 22:46

Instrument :

BNA_F

ClientSampleId :

SS-27

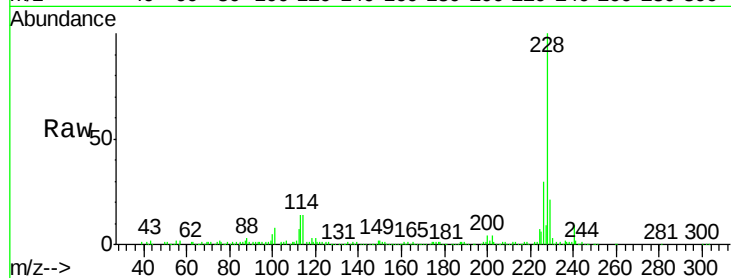
Tgt Ion:228 Resp: 226445

Ion Ratio Lower Upper

228 100

226 30.3 22.3 33.5

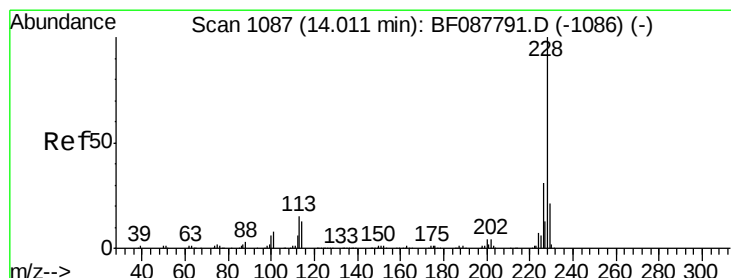
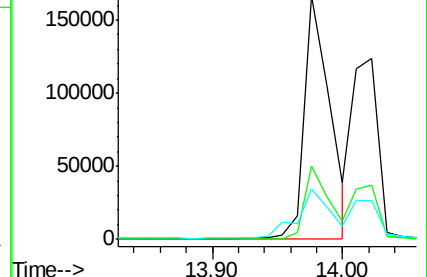
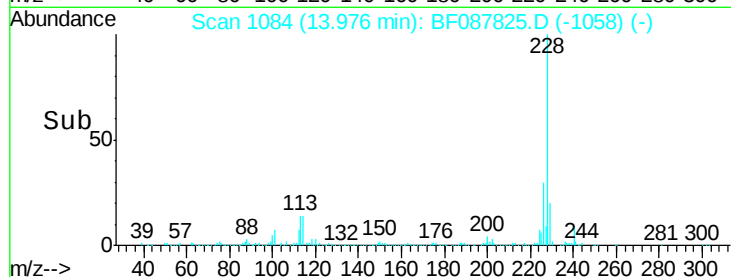
229 20.9 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

Chrysene

Concen: 14.82 ng

RT: 14.02 min Scan# 1088

Delta R.T. 0.01 min

Lab File: BF087825.D

Acq: 8 Jun 2016 22:46

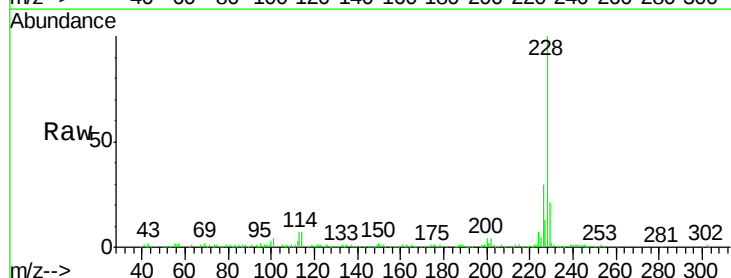
Tgt Ion:228 Resp: 168329

Ion Ratio Lower Upper

228 100

226 30.0 25.4 38.2

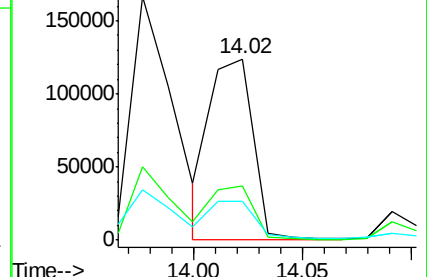
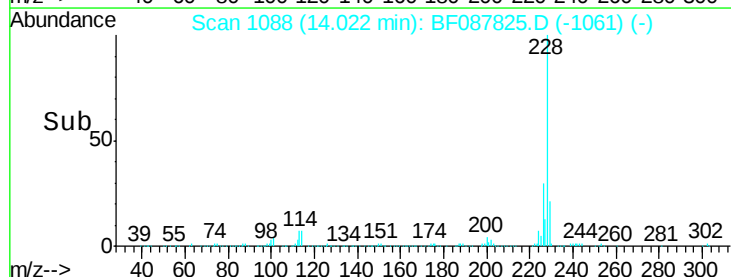
229 21.2 16.3 24.5

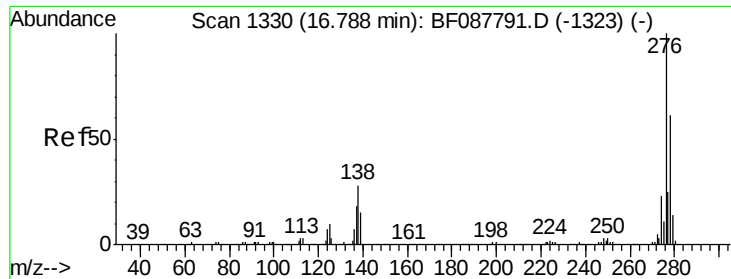


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

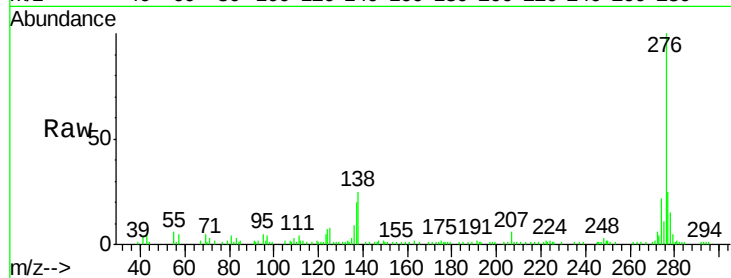




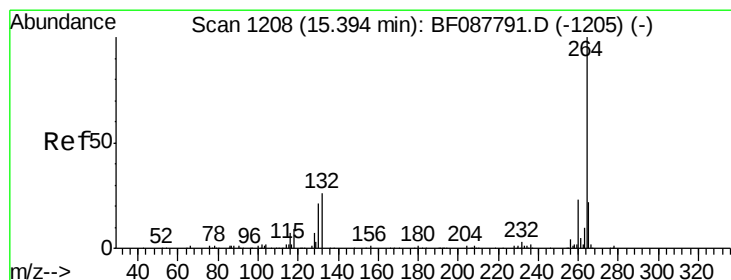
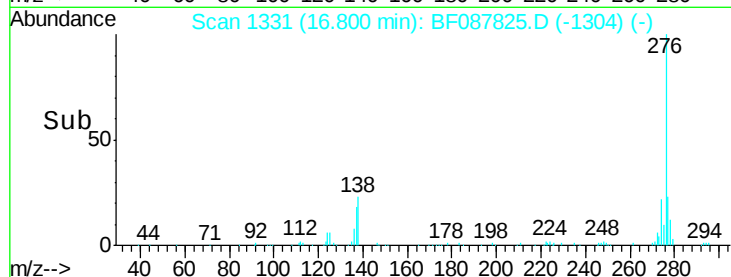
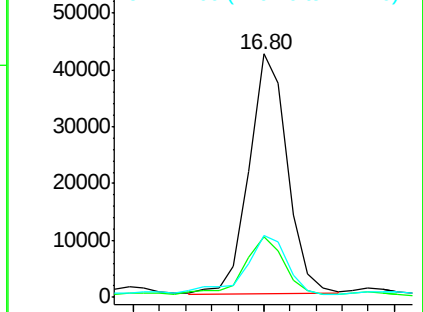
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 8.11 ng
 RT: 16.80 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: BF087825.D
 Acq: 8 Jun 2016 22:46

Instrument :
 BNA_F
 ClientSampleId :
 SS-27

Tgt Ion: 276 Resp: 85580
 Ion Ratio Lower Upper
 276 100
 138 25.0 0.0 0.0#
 277 29.3 0.0 0.0#

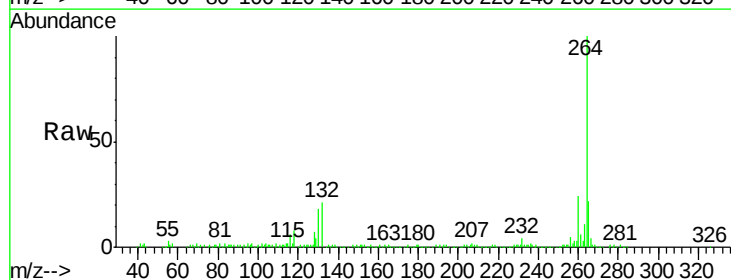


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

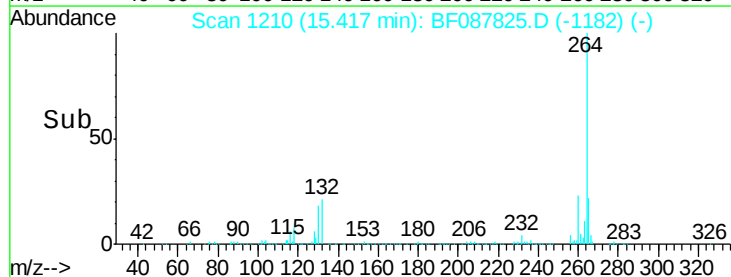
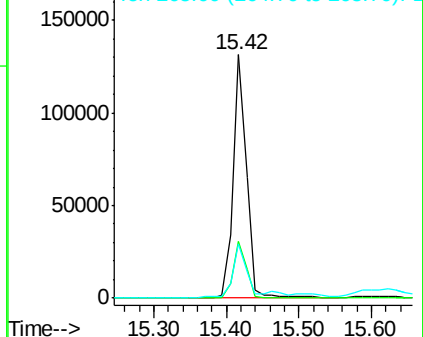


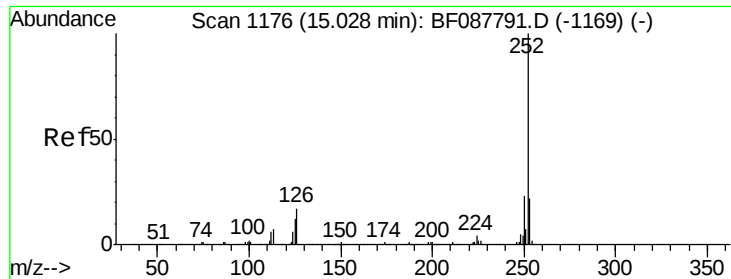
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1210
 Delta R.T. 0.02 min
 Lab File: BF087825.D
 Acq: 8 Jun 2016 22:46

Tgt Ion: 264 Resp: 168453
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 22.3 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 24.94 ng

RT: 15.01 min Scan# 1174

Delta R.T. 0.01 min

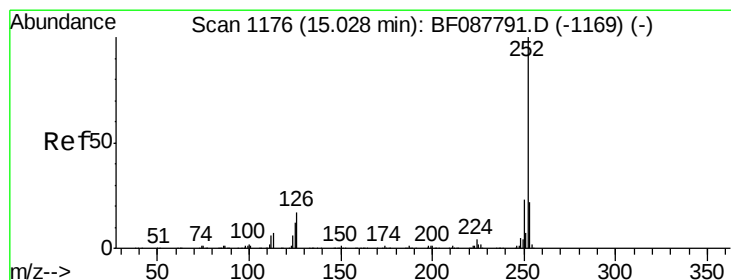
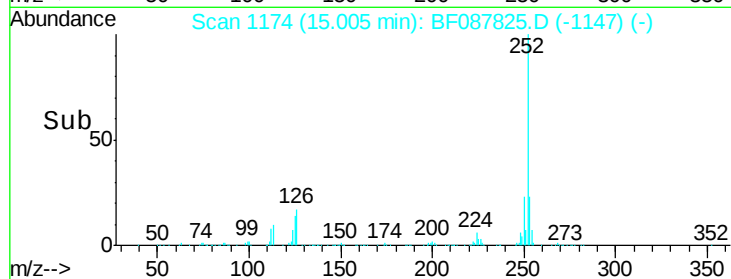
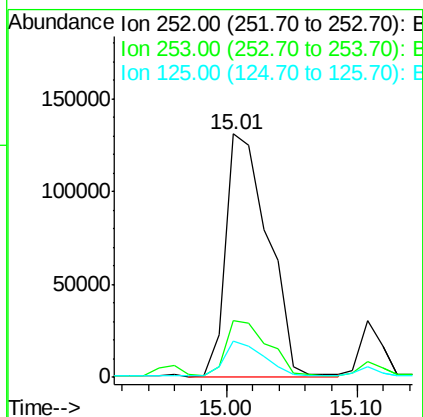
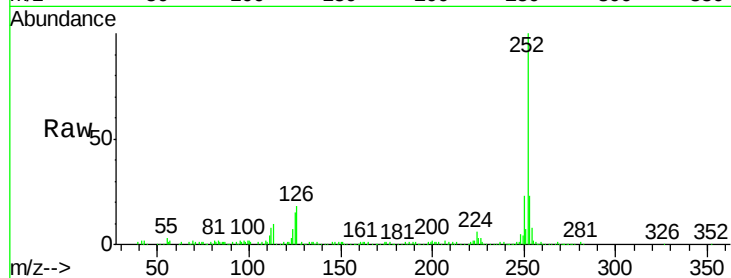
Lab File: BF087825.D

Acq: 8 Jun 2016 22:46

Instrument :
BNA_F
ClientSampleId :
SS-27

Tgt Ion:252 Resp: 292798

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.2
125	15.0	7.1	10.7#



#88

Benzo(k)fluoranthene

Concen: 33.06 ng

RT: 15.01 min Scan# 1174

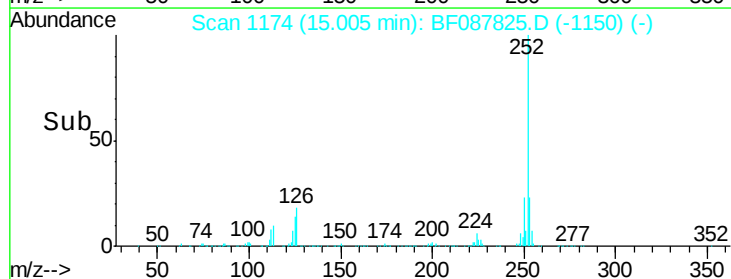
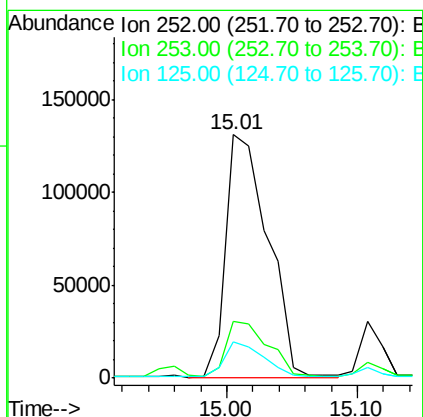
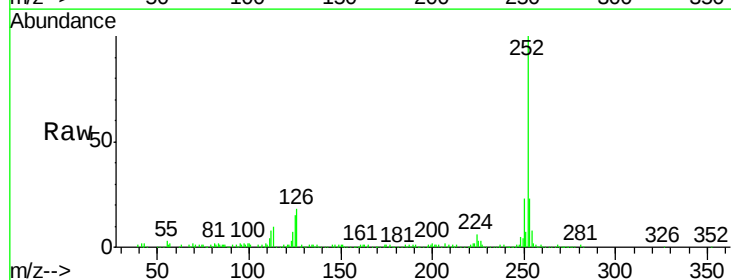
Delta R.T. -0.02 min

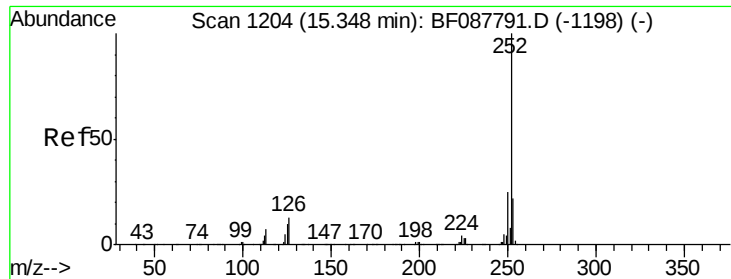
Lab File: BF087825.D

Acq: 8 Jun 2016 22:46

Tgt Ion:252 Resp: 292798

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.0	27.0
125	15.0	11.2	16.8





#89

Benzo(a)pyrene

Concen: 10.84 ng

RT: 15.30 min Scan# 1200

Delta R.T. -0.05 min

Lab File: BF087825.D

Acq: 8 Jun 2016 22:46

Instrument :

BNA_F

ClientSampleId :

SS-27

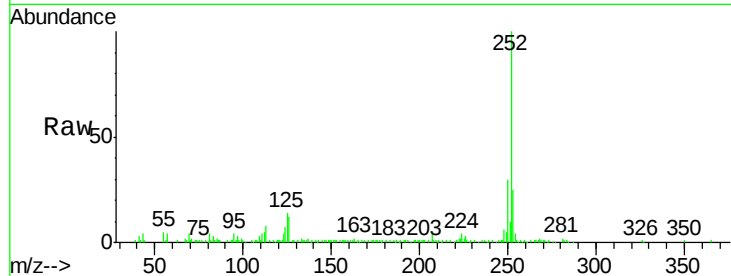
Tgt Ion:252 Resp: 102997

Ion Ratio Lower Upper

252 100

253 25.1 17.9 26.9

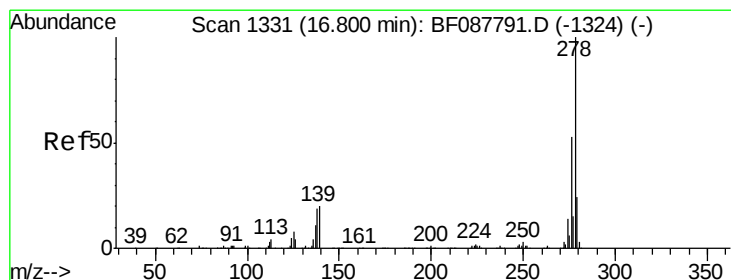
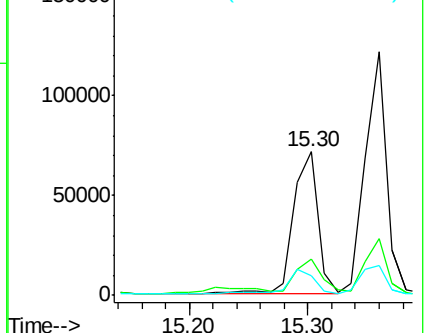
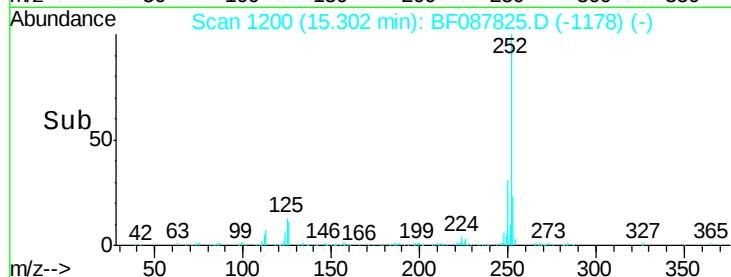
125 14.1 12.5 18.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 2.05 ng

RT: 16.97 min Scan# 1346

Delta R.T. 0.17 min

Lab File: BF087825.D

Acq: 8 Jun 2016 22:46

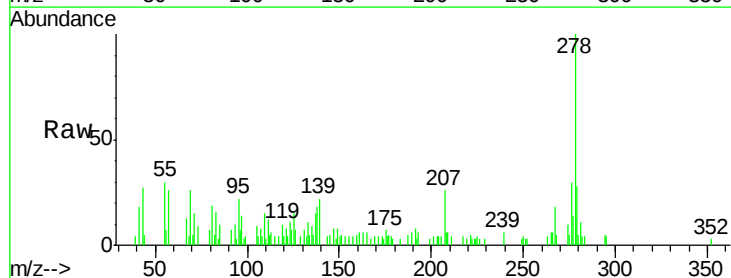
Tgt Ion:278 Resp: 18115

Ion Ratio Lower Upper

278 100

139 22.5 15.7 23.5

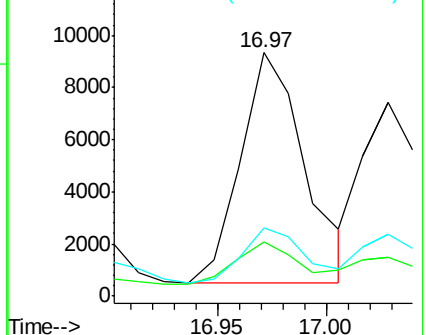
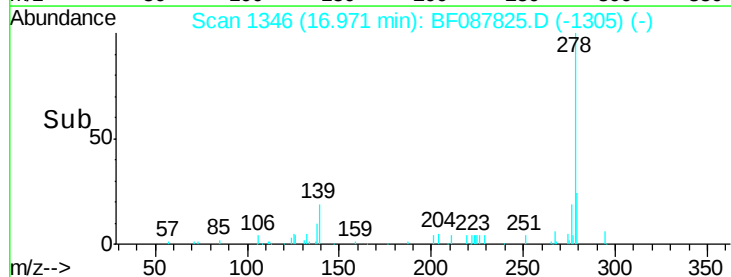
279 28.2 19.4 29.2

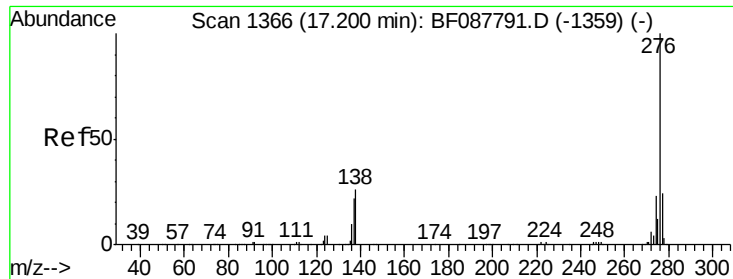


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 8.84 ng
 RT: 17.22 min Scan# 1368
 Delta R.T. 0.02 min
 Lab File: BF087825.D
 Acq: 8 Jun 2016 22:46

Instrument :
 BNA_F
 ClientSampleId :
 SS-27

Tgt Ion:	276	Resp:	80207
Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.9	28.3
138	23.4	21.4	32.2

