

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061316\
 Data File : BF087991.D
 Acq On : 13 Jun 2016 19:07
 Operator : UM/SJ
 Sample : H3419-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T6-B2(6-12)C

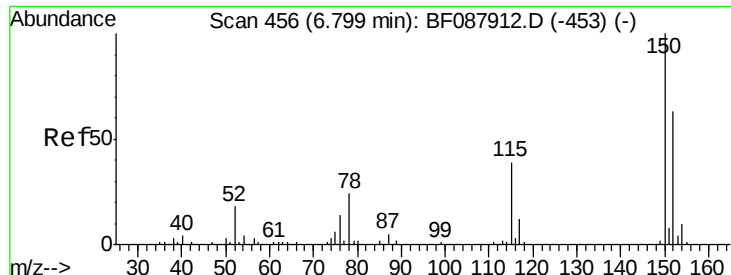
Quant Time: Jun 14 02:28:42 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 14:10:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	117762	20.00	ng	0.01
21) Naphthalene-d8	8.08	136	443945	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	209642	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	324952	20.00	ng	0.01
75) Chrysene-d12	13.97	240	215997	20.00	ng	0.01
86) Perylene-d12	15.38	264	198138	20.00	ng	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	766279	111.24	ng	0.01
7) Phenol-d6	6.44	99	1083991	129.85	ng	0.01
23) Nitrobenzene-d5	7.36	82	547554	72.02	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	171900	77.66	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	876497	64.33	ng	0.00
78) Terphenyl-d14	12.91	244	616547	64.95	ng	0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.44	94	4548	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.36	70	73850	13.83	ng	73
25) Isophorone	7.36	82	462021	32.81	ng	65
45) 1,1'-Biphenyl	9.26	154	3554	Below Cal		97
48) Acenaphthylene	9.70	152	43562	2.02	ng	92
49) Dimethylphthalate	9.55	163	117200	7.72	ng	99
51) Acenaphthene	9.87	154	41137	3.06	ng	97
54) Dibenzofuran	10.04	168	49967	2.70	ng	95
57) Fluorene	10.38	166	119381	5.26	ng	97
64) 4,6-Dinitro-2-methylphenol	10.25	198	604	2.45	ng	24
66) 4-Bromophenyl-phenylether	10.63	248	12166	3.49	ng	1
70) Phenanthrene	11.35	178	1543684	90.53	ng	99
71) Anthracene	11.39	178	434844	25.28	ng	99
74) Fluoranthene	12.56	202	1835548	102.00	ng	98
77) Pyrene	12.78	202	1456599	90.88	ng	98
80) Benzo(a)anthracene	13.95	228	932552	75.76	ng	97
82) Chrysene	13.99	228	573297	49.51	ng	97
85) Indeno(1,2,3-cd)pyrene	16.74	276	285427	26.53	ng	100
87) Benzo(b)fluoranthene	14.98	252	1074132	77.78	ng	93
88) Benzo(k)fluoranthene	14.98	252	1074132	103.11	ng	98
89) Benzo(a)pyrene	15.33	252	513409	45.95	ng	96
90) Dibenz(a,h)anthracene	16.90	278	61310	5.91	ng	94
91) Benzo(g,h,i)perylene	17.15	276	253836	23.78	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. 0.01 min

Lab File: BF087991.D

Acq: 13 Jun 2016 19:07

Instrument :

BNA_F

ClientSampleId :

T6-B2(6-12)C

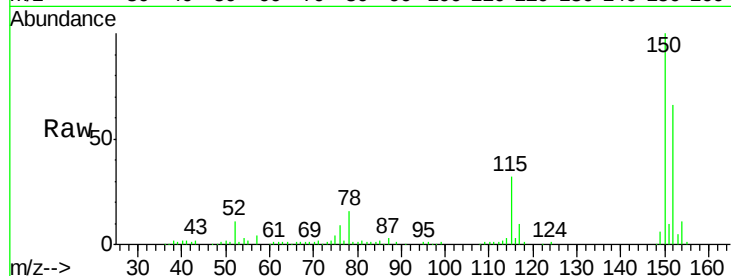
Tgt Ion:152 Resp: 117762

Ion Ratio Lower Upper

152 100

150 151.0 123.8 185.6

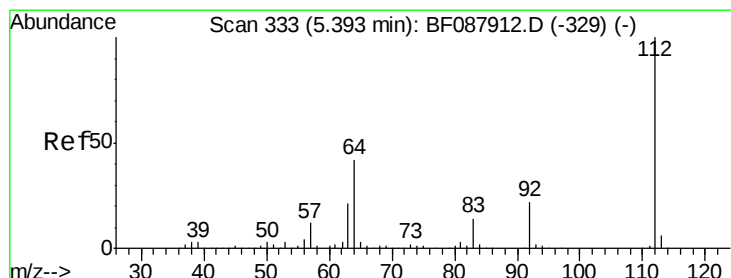
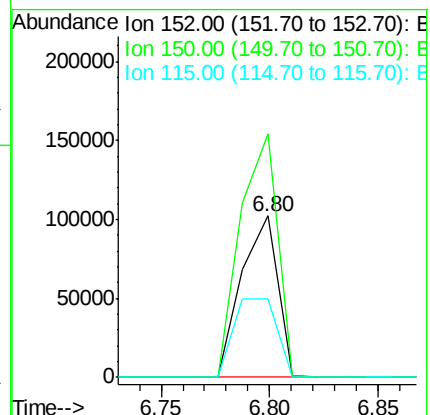
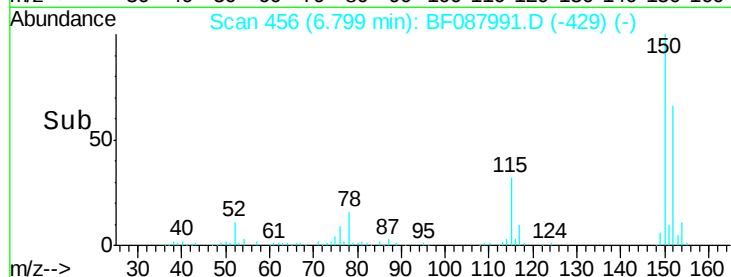
115 48.7 39.6 59.4



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: 111.24 ng

RT: 5.39 min Scan# 333

Delta R.T. 0.01 min

Lab File: BF087991.D

Acq: 13 Jun 2016 19:07

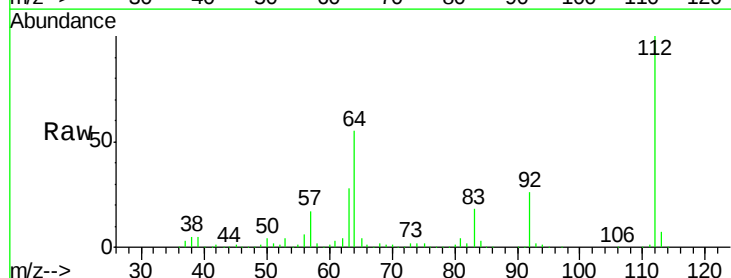
Tgt Ion:112 Resp: 766279

Ion Ratio Lower Upper

112 100

64 54.6 42.2 63.2

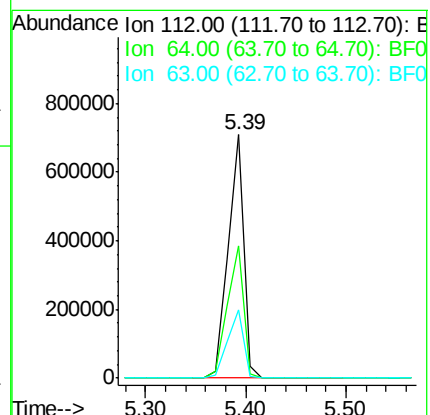
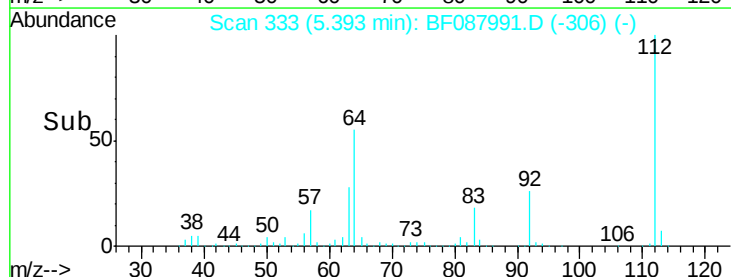
63 28.2 21.8 32.8

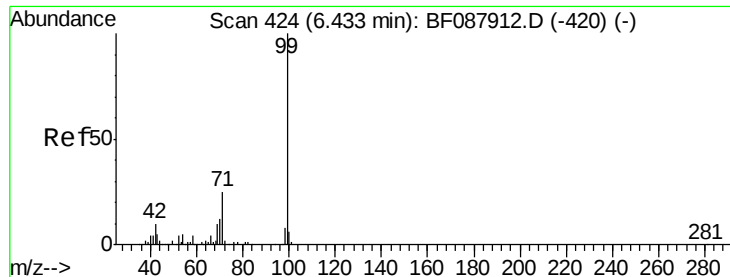


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 129.85 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.01 min

Lab File: BF087991.D

Acq: 13 Jun 2016 19:07

Instrument :

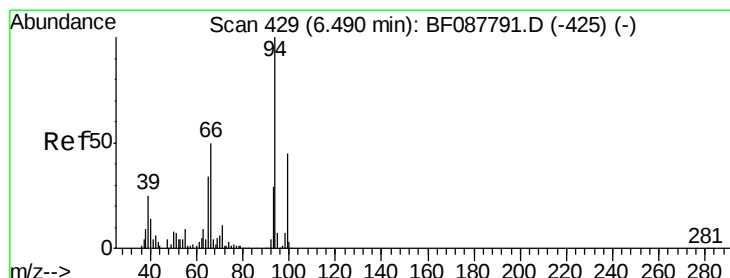
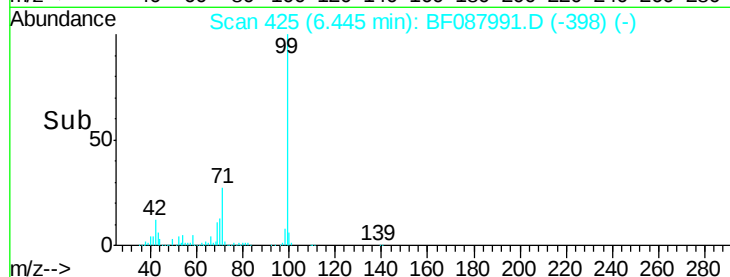
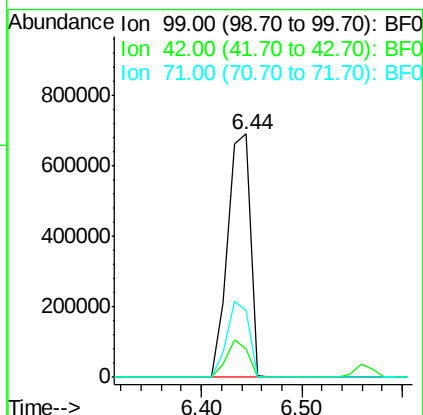
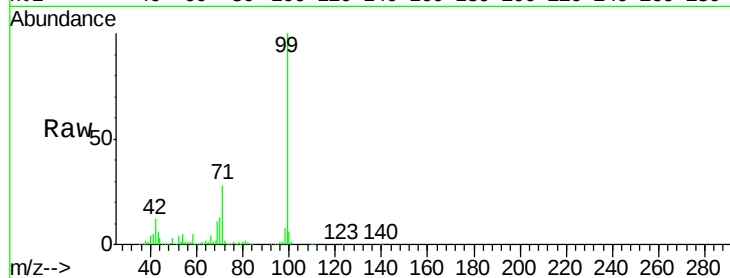
BNA_F

ClientSampleId :

T6-B2(6-12)C

Tgt Ion: 99 Resp: 1083991

Ion	Ratio	Lower	Upper
99	100		
42	11.7	12.2	18.2#
71	27.6	23.4	35.0



#10

Phenol

Concen: Below Cal

RT: 6.44 min Scan# 425

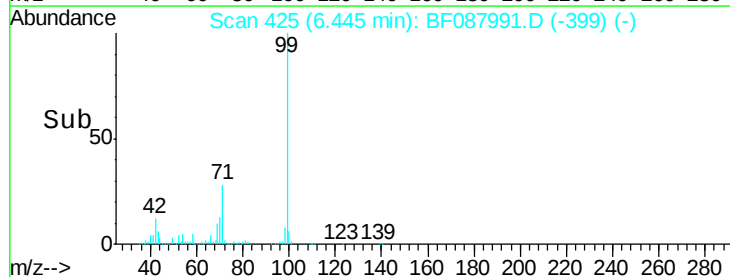
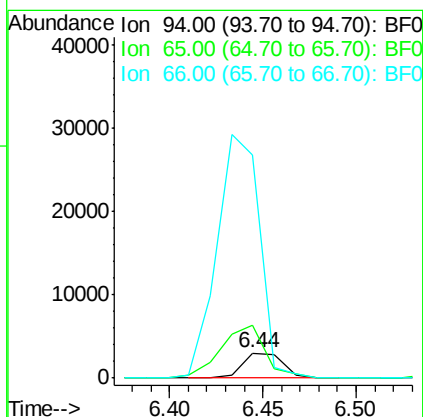
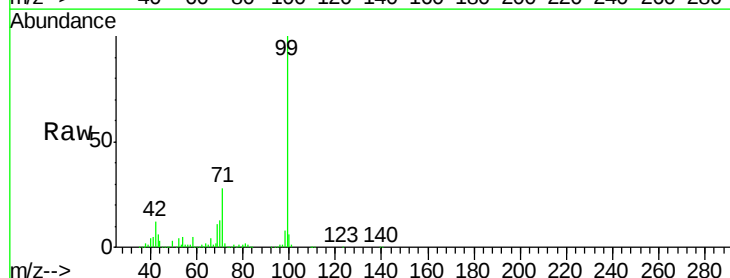
Delta R.T. 0.00 min

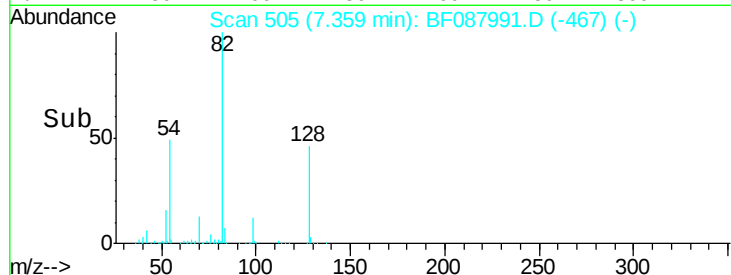
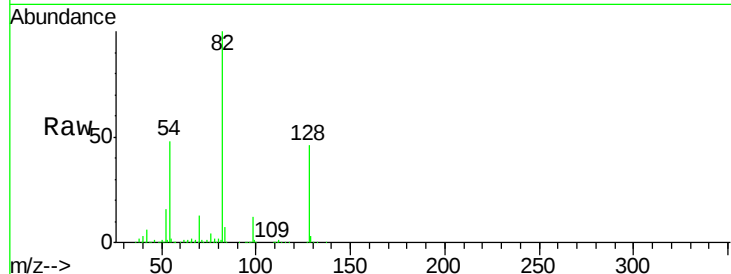
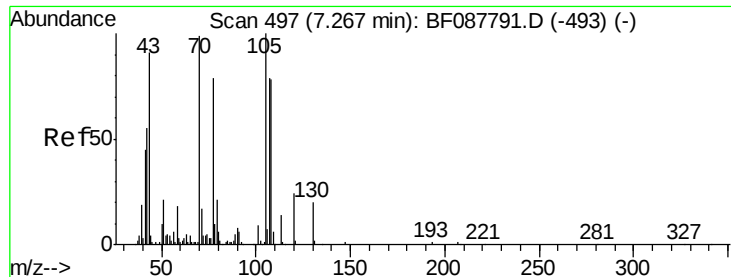
Lab File: BF087991.D

Acq: 13 Jun 2016 19:07

Tgt Ion: 94 Resp: 4548

Ion	Ratio	Lower	Upper
94	100		
65	210.2	5.9	45.9#
66	885.9	14.0	54.0#

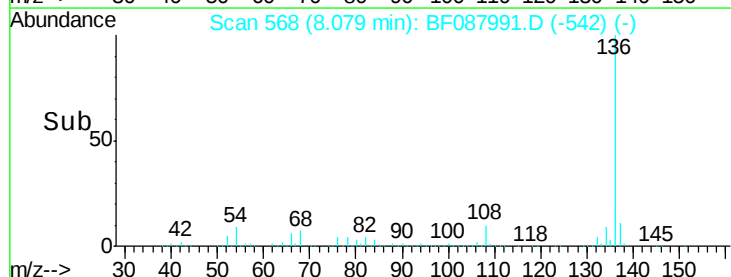
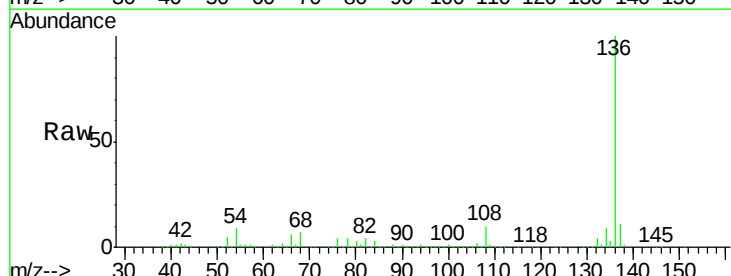
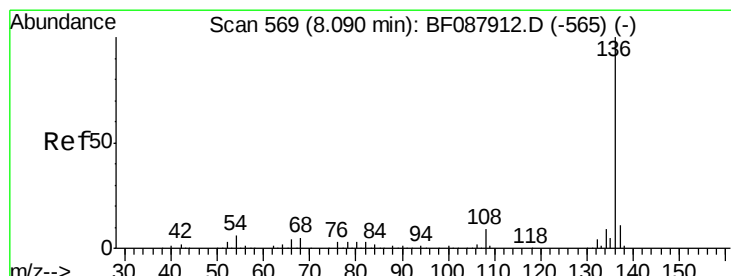
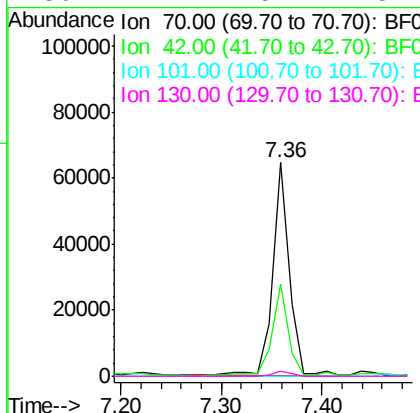




#19
n-Nitroso-di-n-propylamine
Concen: 13.83 ng
RT: 7.36 min Scan# 505
Delta R.T. 0.14 min
Lab File: BF087991.D
Acq: 13 Jun 2016 19:07

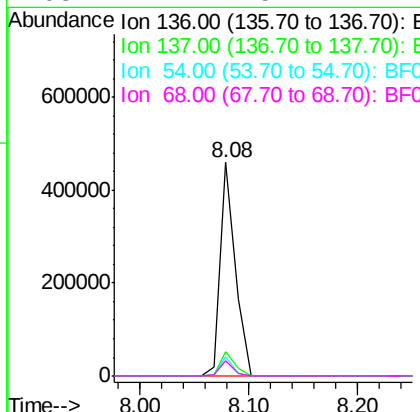
Instrument :
BNA_F
ClientSampleId :
T6-B2(6-12)C

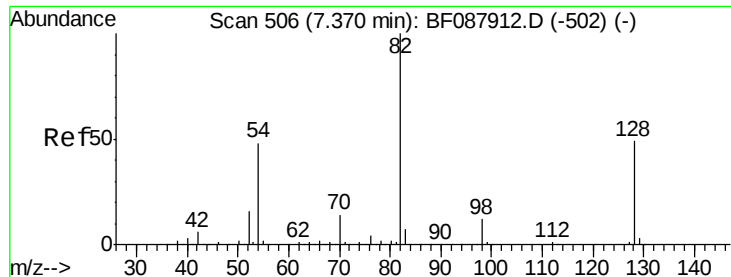
Tgt Ion: 70 Resp: 73850
Ion Ratio Lower Upper
70 100
42 43.2 49.6 74.4#
101 0.0 7.1 10.7#
130 2.2 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 568
Delta R.T. 0.00 min
Lab File: BF087991.D
Acq: 13 Jun 2016 19:07

Tgt Ion: 136 Resp: 443945
Ion Ratio Lower Upper
136 100
137 11.5 9.1 13.7
54 8.7 6.6 10.0
68 7.2 5.1 7.7

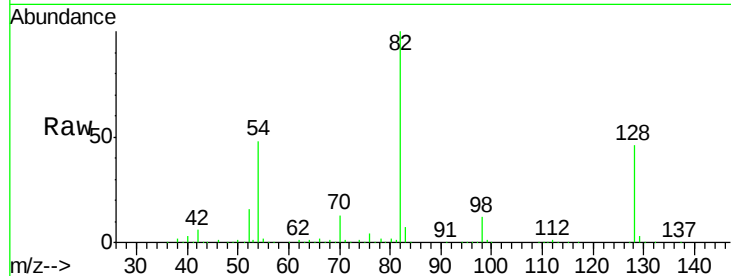




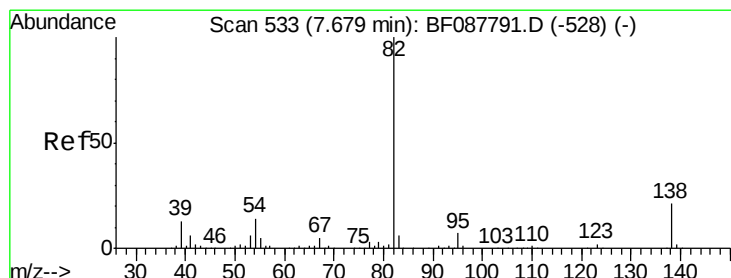
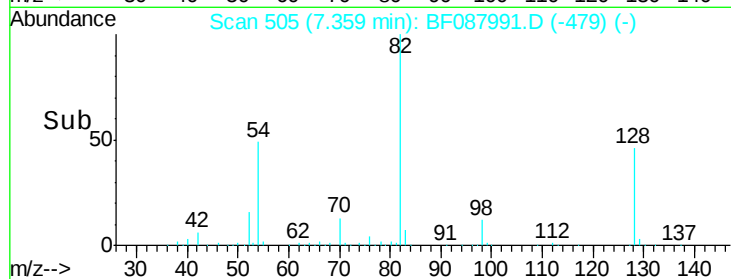
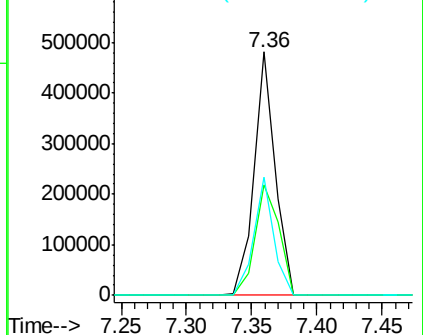
#23
 Nitrobenzene-d5
 Concen: 72.02 ng
 RT: 7.36 min Scan# 505
 Delta R.T. 0.00 min
 Lab File: BF087991.D
 Acq: 13 Jun 2016 19:07

Instrument :
 BNA_F
 ClientSampleId :
 T6-B2(6-12)C

Tgt Ion	Ratio	Lower	Upper
82	100		
128	45.6	35.9	53.9
54	48.5	40.9	61.3

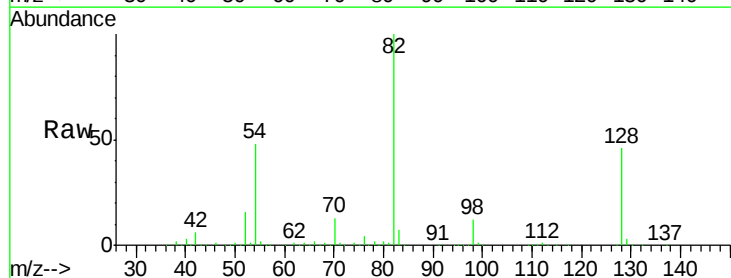


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

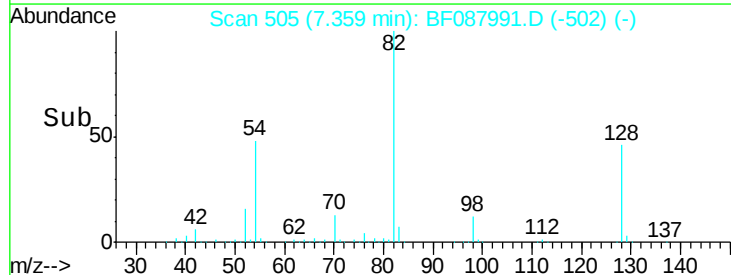
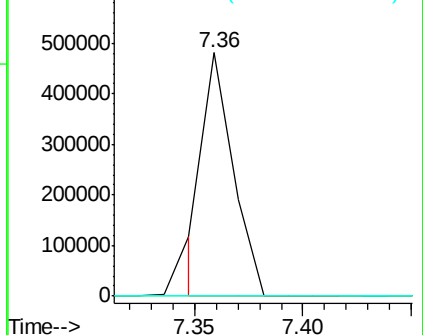


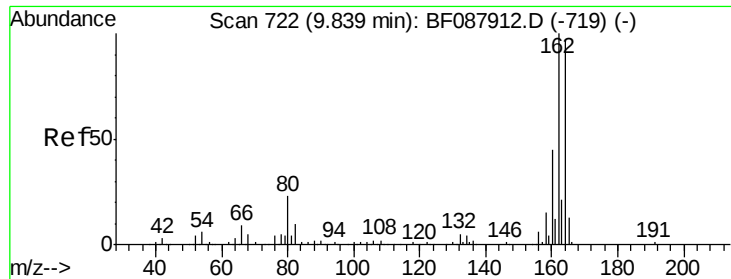
#25
 Isophorone
 Concen: 32.81 ng
 RT: 7.36 min Scan# 505
 Delta R.T. -0.26 min
 Lab File: BF087991.D
 Acq: 13 Jun 2016 19:07

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.2	5.4	8.2#
138	0.0	14.6	21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

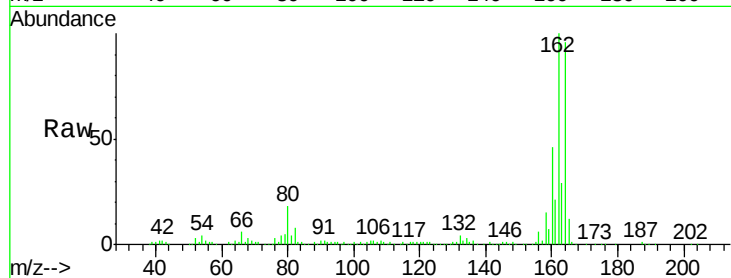




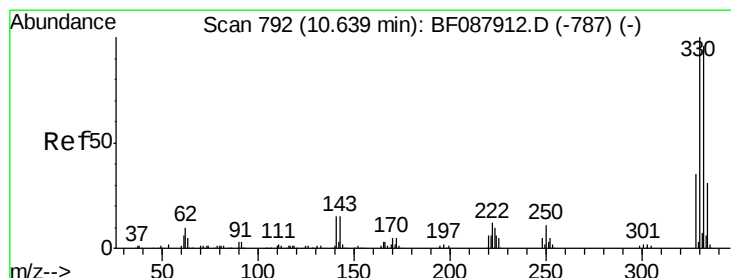
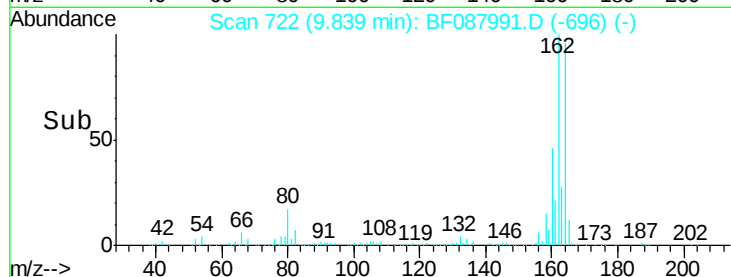
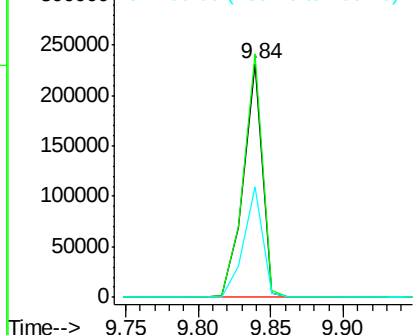
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. 0.00 min
 Lab File: BF087991.D
 Acq: 13 Jun 2016 19:07

Instrument :
 BNA_F
 ClientSampleId :
 T6-B2(6-12)C

Tgt Ion:164 Resp: 209642
 Ion Ratio Lower Upper
 164 100
 162 104.2 85.4 128.2
 160 47.5 39.5 59.3

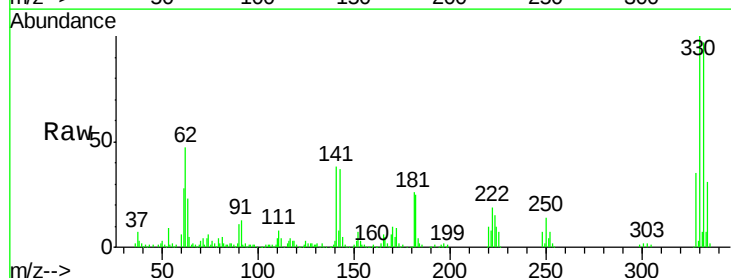


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

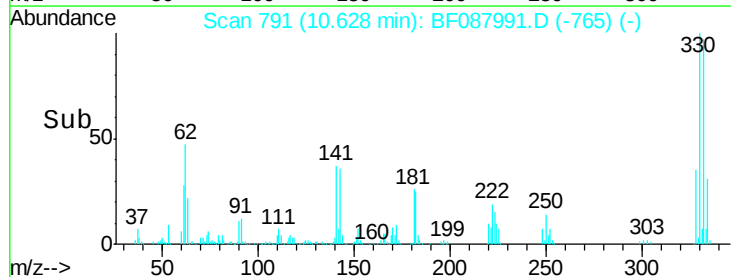
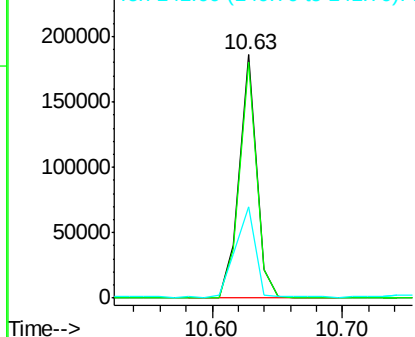


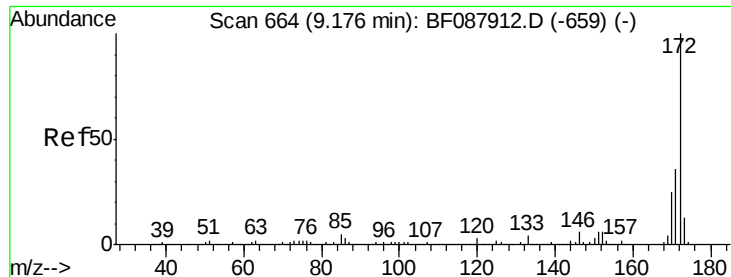
#41
 2,4,6-Tribromophenol
 Concen: 77.66 ng
 RT: 10.63 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF087991.D
 Acq: 13 Jun 2016 19:07

Tgt Ion:330 Resp: 171900
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 43.2 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

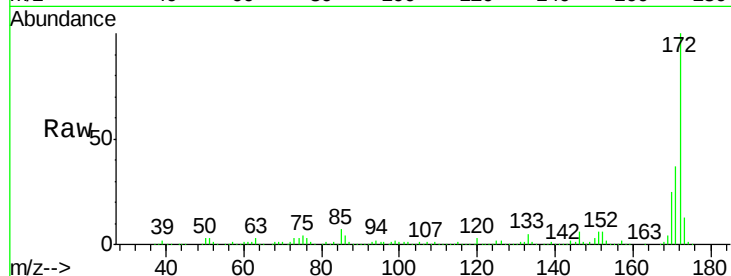




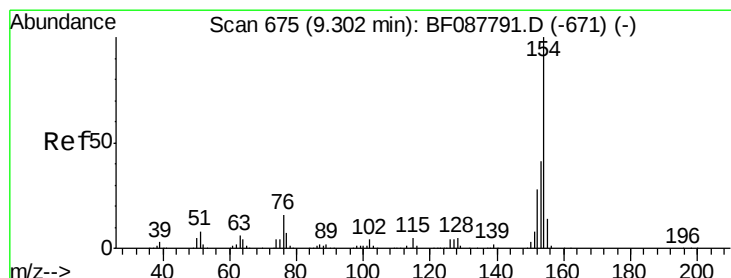
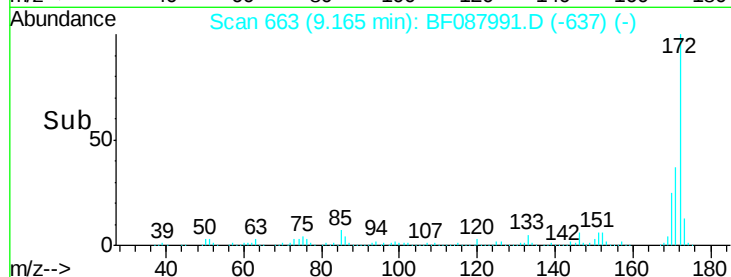
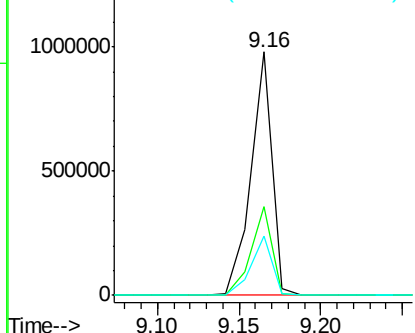
#44
 2-Fluorobiphenyl
 Concen: 64.33 ng
 RT: 9.16 min Scan# 663
 Delta R.T. 0.00 min
 Lab File: BF087991.D
 Acq: 13 Jun 2016 19:07

Instrument :
 BNA_F
 ClientSampleId :
 T6-B2(6-12)C

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	43.0
170	24.6	19.2	28.8

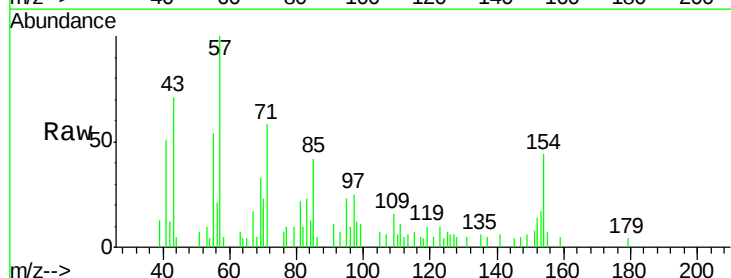


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

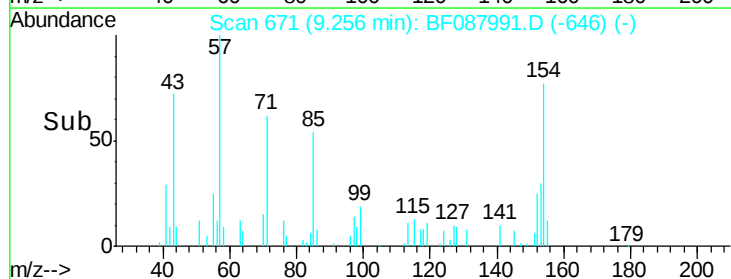
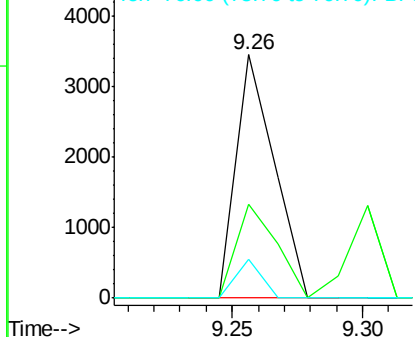


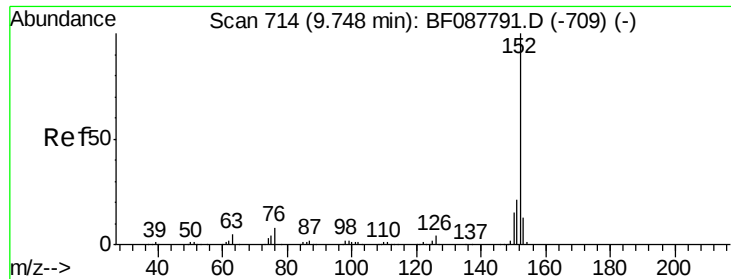
#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.26 min Scan# 671
 Delta R.T. -0.01 min
 Lab File: BF087991.D
 Acq: 13 Jun 2016 19:07

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.6	20.6	60.6
76	15.9	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

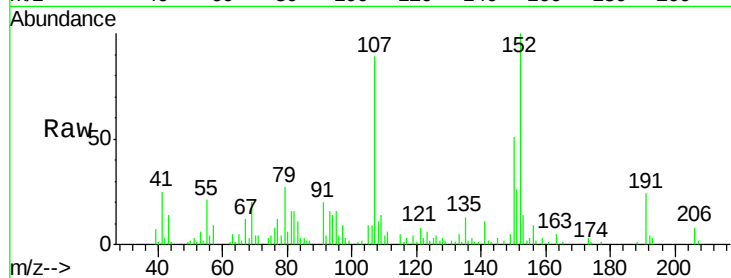




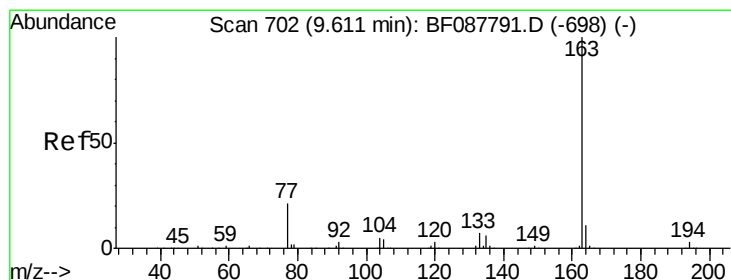
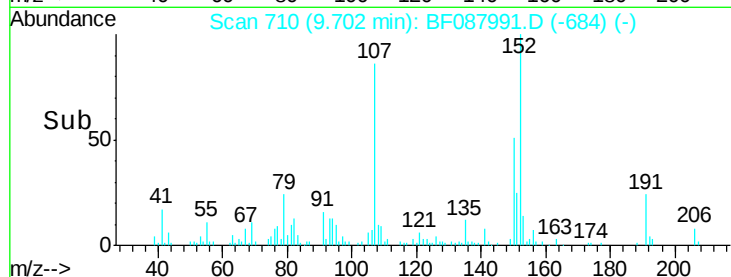
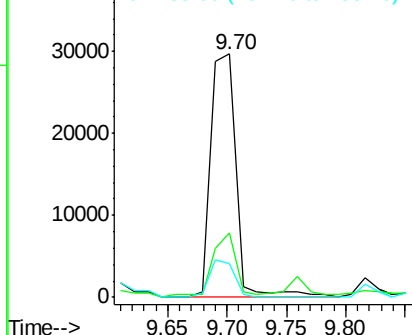
#48
Acenaphthylene
Concen: 2.02 ng
RT: 9.70 min Scan# 710
Delta R.T. 0.00 min
Lab File: BF087991.D
Acq: 13 Jun 2016 19:07

Instrument :
BNA_F
ClientSampleId :
T6-B2(6-12)C

Tgt Ion:152 Resp: 43562
Ion Ratio Lower Upper
152 100
151 26.5 16.2 24.4#
153 14.1 11.0 16.6

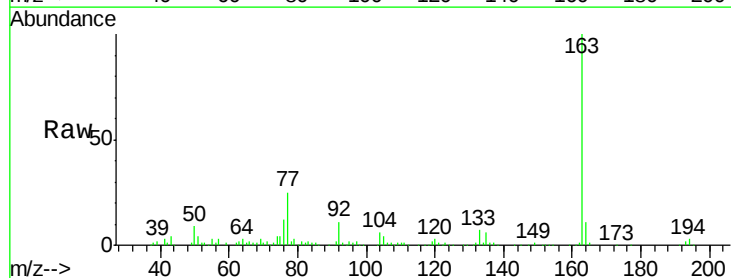


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

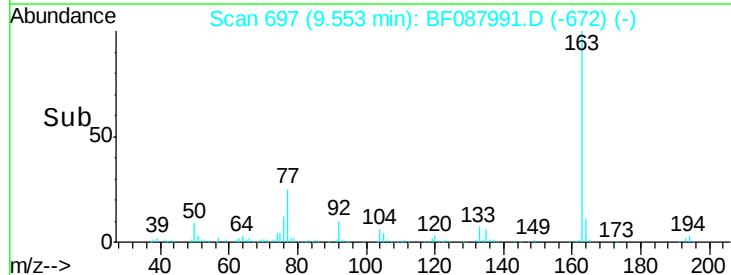
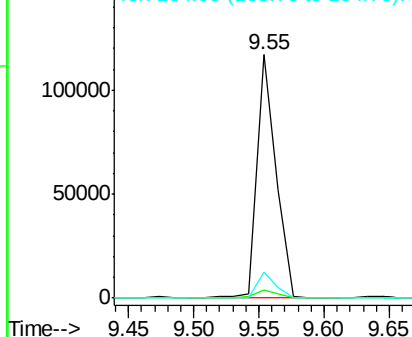


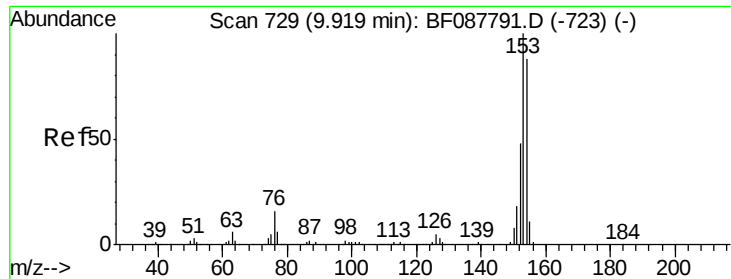
#49
Dimethylphthalate
Concen: 7.72 ng
RT: 9.55 min Scan# 697
Delta R.T. -0.01 min
Lab File: BF087991.D
Acq: 13 Jun 2016 19:07

Tgt Ion:163 Resp: 117200
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 10.7 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: 3.06 ng

RT: 9.87 min Scan# 725

Delta R.T. 0.00 min

Lab File: BF087991.D

Acq: 13 Jun 2016 19:07

Instrument :

BNA_F

ClientSampleId :

T6-B2(6-12)C

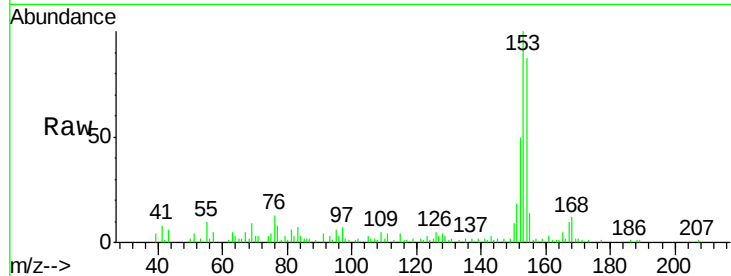
Tgt Ion:154 Resp: 41137

Ion Ratio Lower Upper

154 100

153 114.6 89.5 134.3

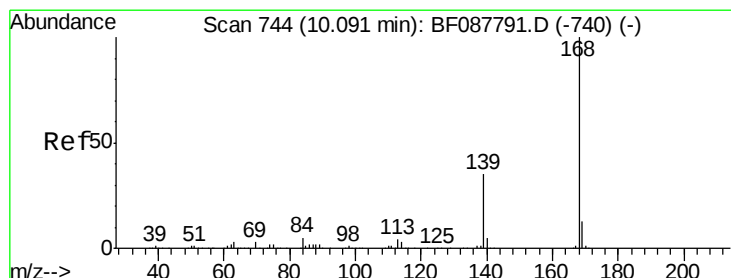
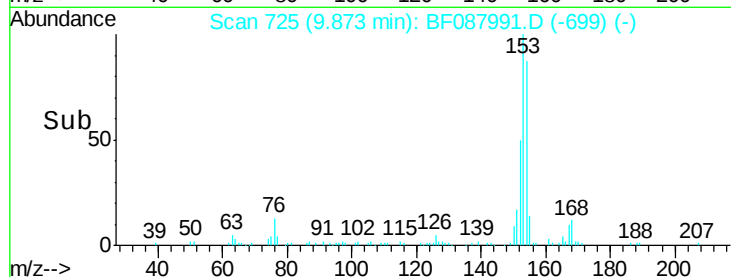
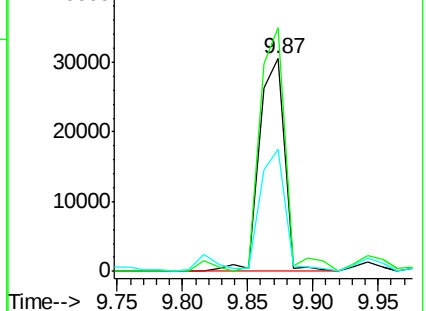
152 57.3 42.7 64.1



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



#54

Dibenzofuran

Concen: 2.70 ng

RT: 10.04 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF087991.D

Acq: 13 Jun 2016 19:07

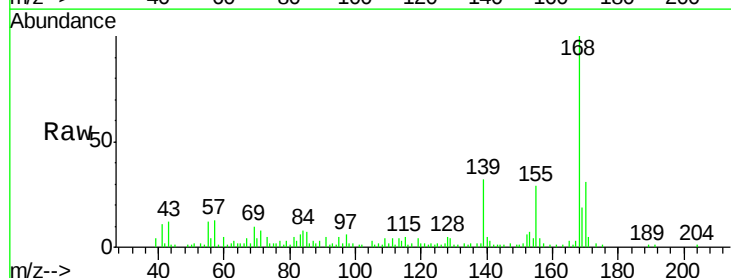
Tgt Ion:168 Resp: 49967

Ion Ratio Lower Upper

168 100

139 32.2 26.4 39.6

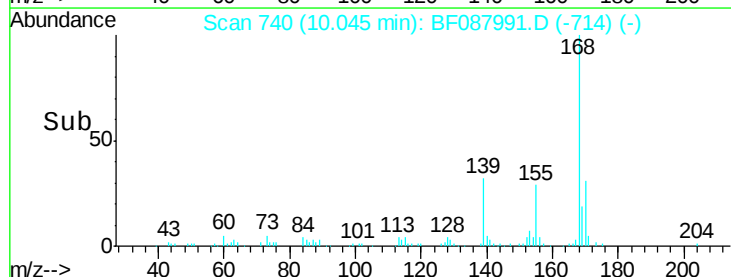
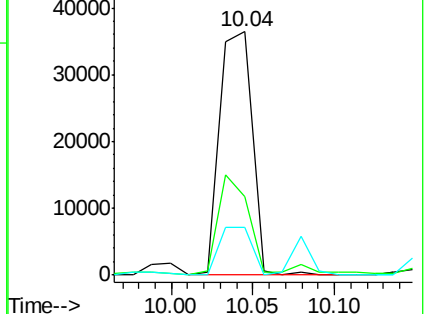
169 19.4 10.4 15.6#

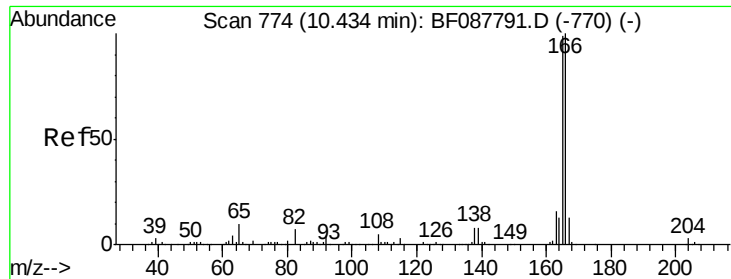


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 5.26 ng

RT: 10.38 min Scan# 769

Delta R.T. -0.01 min

Lab File: BF087991.D

Acq: 13 Jun 2016 19:07

Instrument :

BNA_F

ClientSampleId :

T6-B2(6-12)C

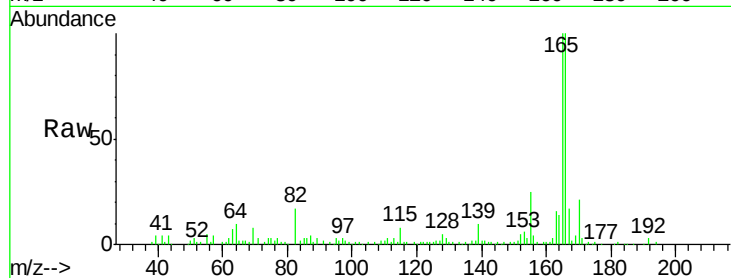
Tgt Ion:166 Resp: 119381

Ion Ratio Lower Upper

166 100

165 99.6 77.8 116.8

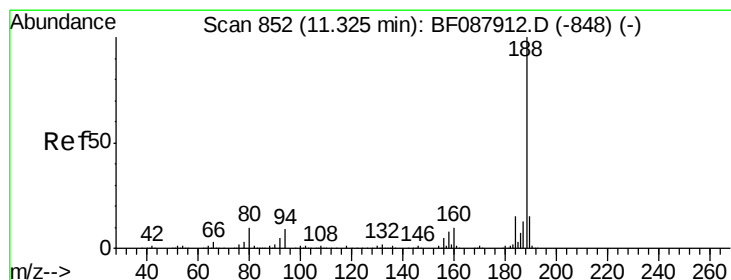
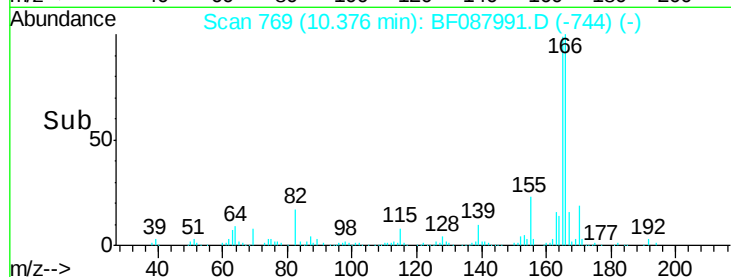
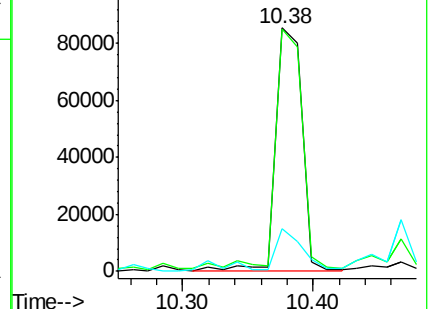
167 17.3 11.2 16.8#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 852

Delta R.T. 0.01 min

Lab File: BF087991.D

Acq: 13 Jun 2016 19:07

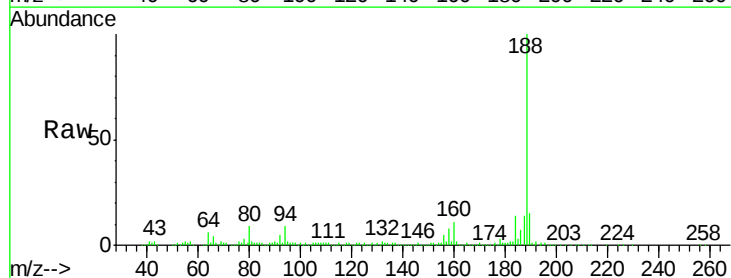
Tgt Ion:188 Resp: 324952

Ion Ratio Lower Upper

188 100

94 9.1 9.0 13.6

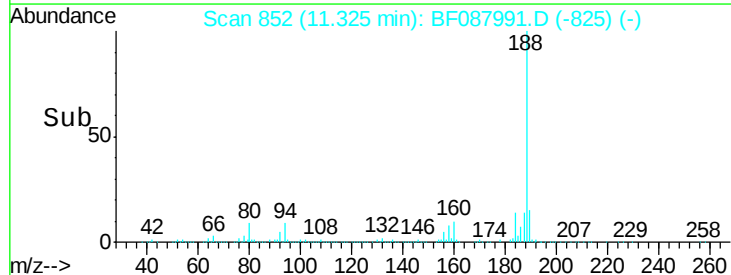
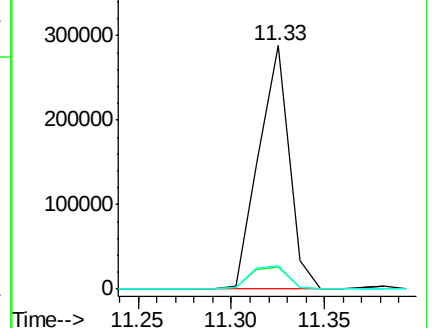
80 9.5 10.0 15.0#

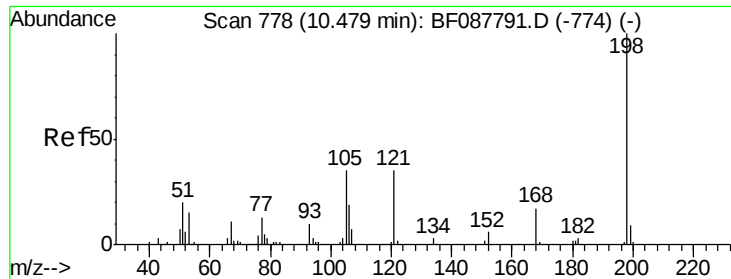


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.45 ng

RT: 10.25 min Scan# 758

Delta R.T. -0.18 min

Lab File: BF087991.D

Acq: 13 Jun 2016 19:07

Instrument :

BNA_F

ClientSampleId :

T6-B2(6-12)C

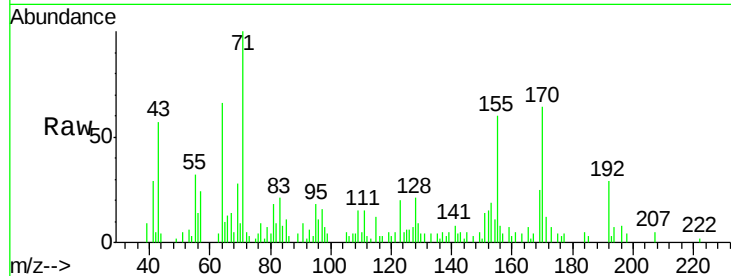
Tgt Ion:198 Resp: 604

Ion Ratio Lower Upper

198 100

51 108.9 39.6 79.6#

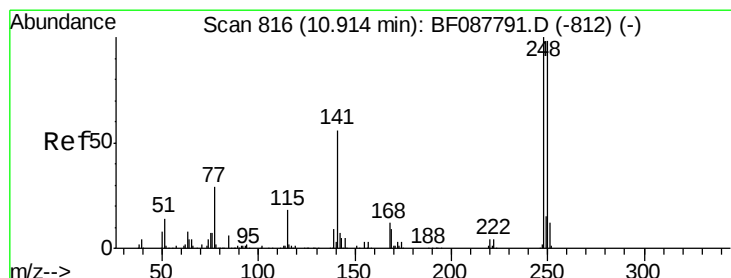
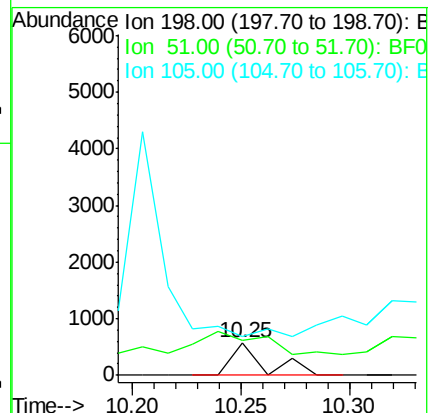
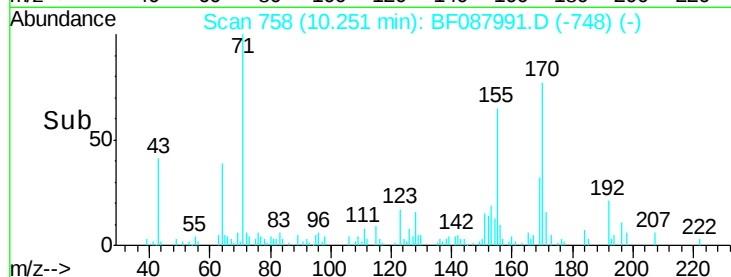
105 120.6 36.6 76.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 3.49 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.24 min

Lab File: BF087991.D

Acq: 13 Jun 2016 19:07

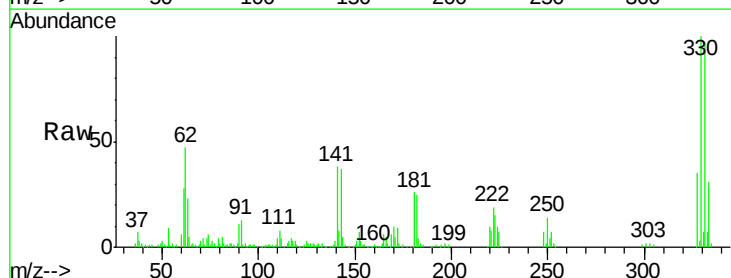
Tgt Ion:248 Resp: 12166

Ion Ratio Lower Upper

248 100

250 198.4 77.1 115.7#

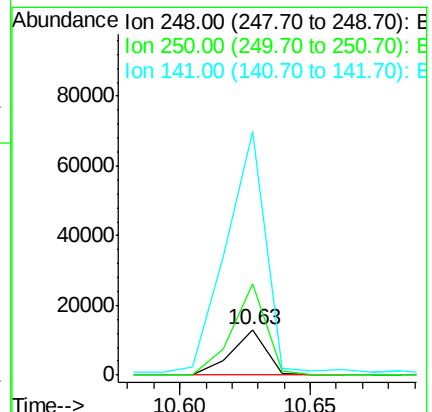
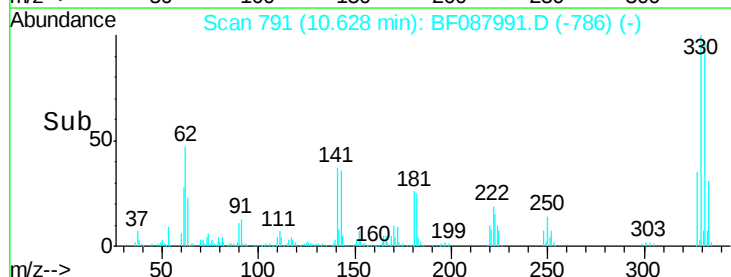
141 531.3 50.6 76.0#

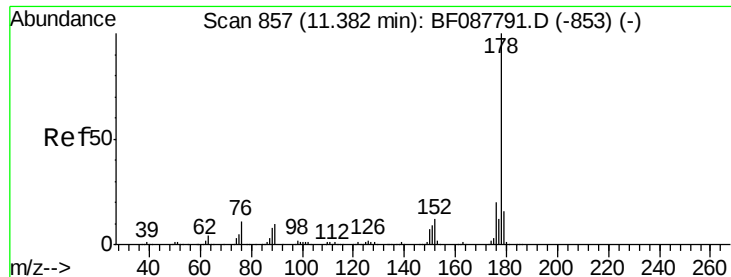


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 90.53 ng

RT: 11.35 min Scan# 854

Delta R.T. 0.00 min

Lab File: BF087991.D

Acq: 13 Jun 2016 19:07

Instrument :

BNA_F

ClientSampleId :

T6-B2(6-12)C

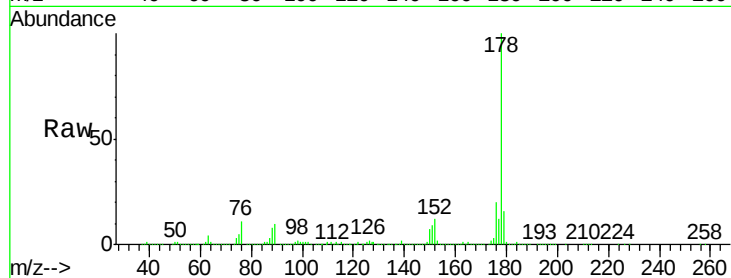
Tgt Ion:178 Resp: 1543684

Ion Ratio Lower Upper

178 100

176 20.4 15.8 23.6

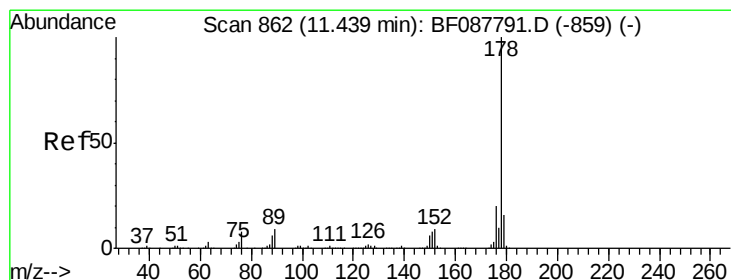
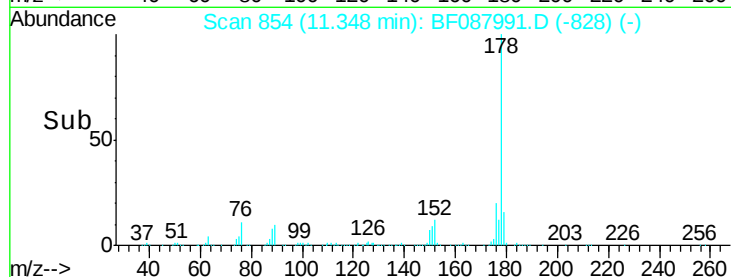
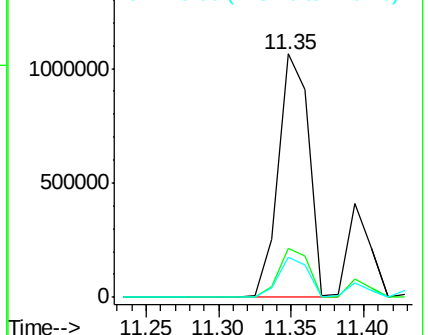
179 16.4 13.0 19.4



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: 25.28 ng

RT: 11.39 min Scan# 858

Delta R.T. 0.00 min

Lab File: BF087991.D

Acq: 13 Jun 2016 19:07

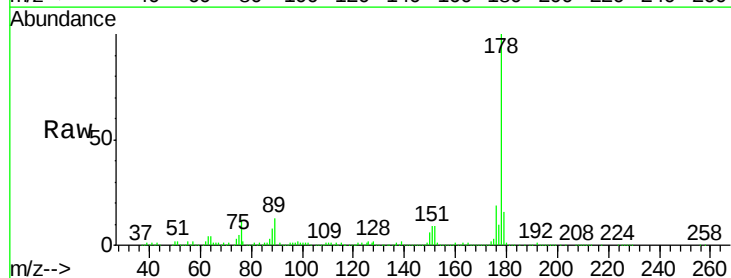
Tgt Ion:178 Resp: 434844

Ion Ratio Lower Upper

178 100

176 19.0 15.6 23.4

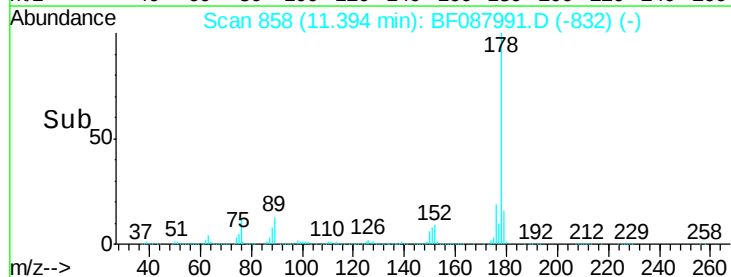
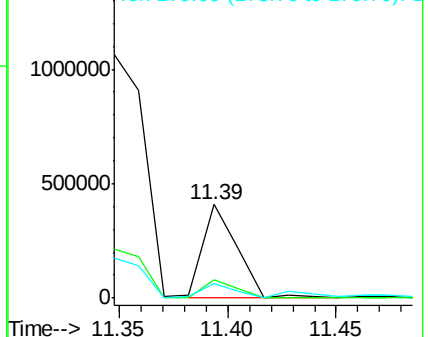
179 16.0 12.8 19.2

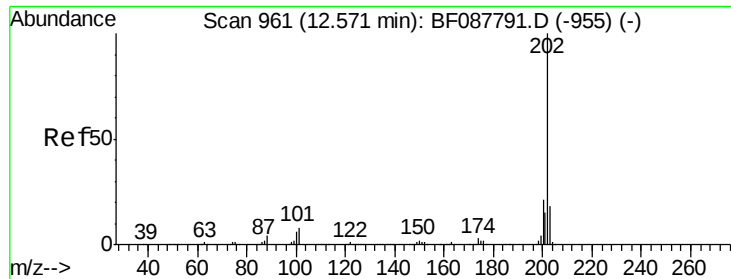


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 102.00 ng

RT: 12.56 min Scan# 960

Delta R.T. 0.03 min

Lab File: BF087991.D

Acq: 13 Jun 2016 19:07

Instrument :

BNA_F

ClientSampleId :

T6-B2(6-12)C

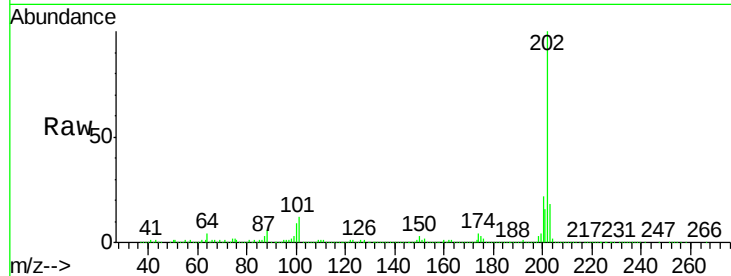
Tgt Ion:202 Resp: 183548

Ion Ratio Lower Upper

202 100

101 12.0 0.0 33.1

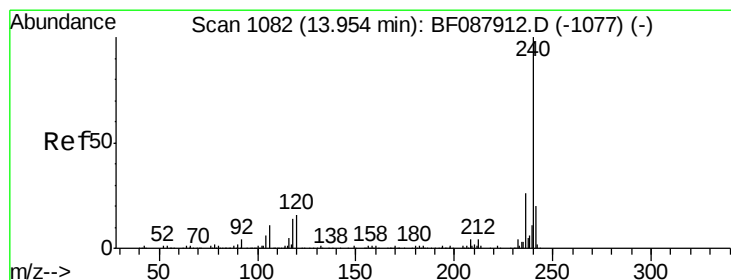
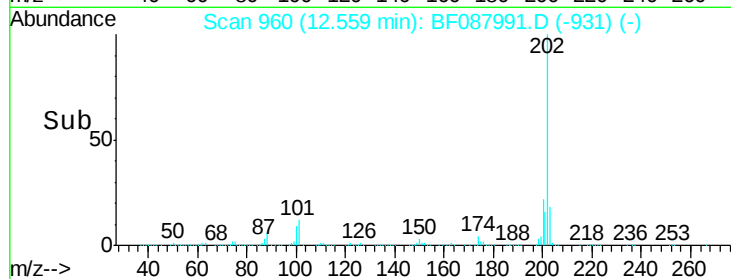
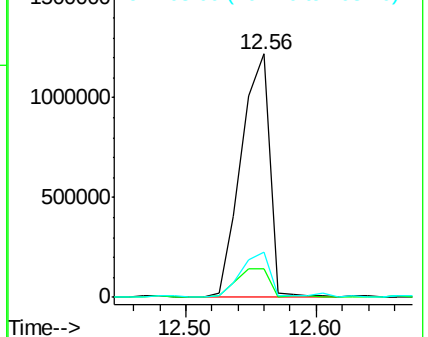
203 18.4 0.0 38.1



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: 13.97 min Scan# 1083

Delta R.T. 0.01 min

Lab File: BF087991.D

Acq: 13 Jun 2016 19:07

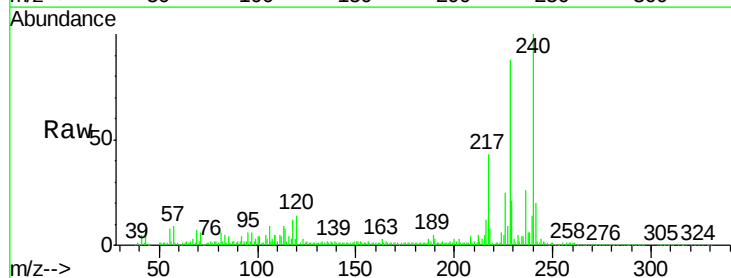
Tgt Ion:240 Resp: 215997

Ion Ratio Lower Upper

240 100

120 14.0 6.8 10.2#

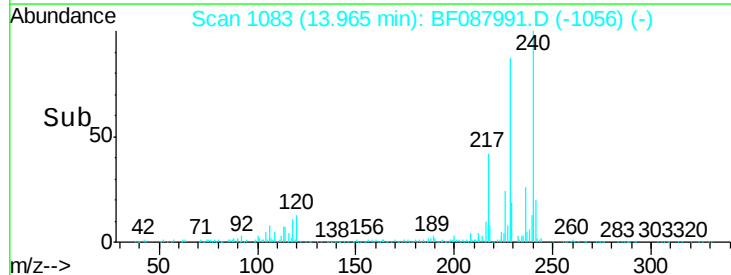
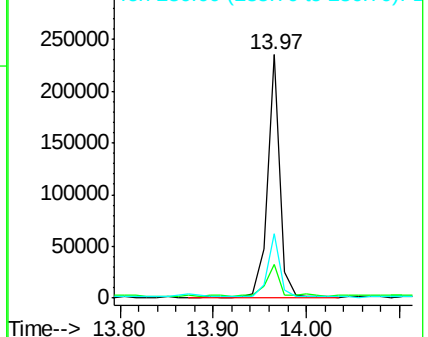
236 26.3 20.2 30.2

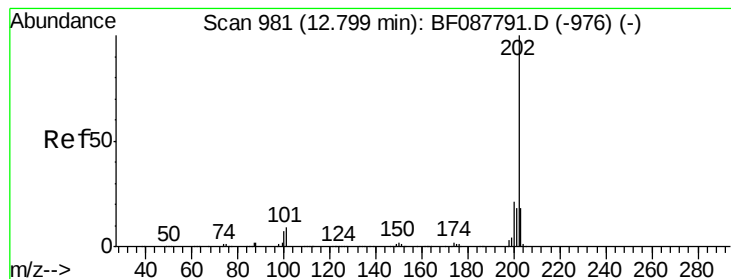


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 90.88 ng

RT: 12.78 min Scan# 979

Delta R.T. 0.02 min

Lab File: BF087991.D

Acq: 13 Jun 2016 19:07

Instrument :

BNA_F

ClientSampleId :

T6-B2(6-12)C

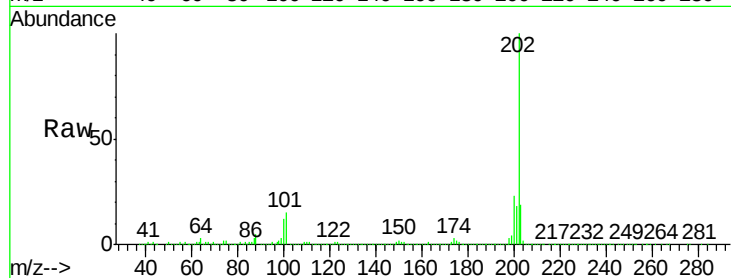
Tgt Ion:202 Resp: 1456599

Ion Ratio Lower Upper

202 100

200 22.8 17.4 26.2

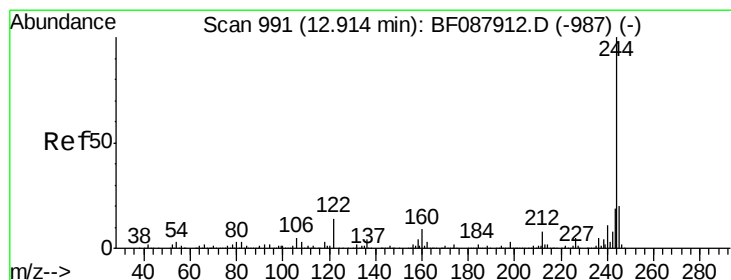
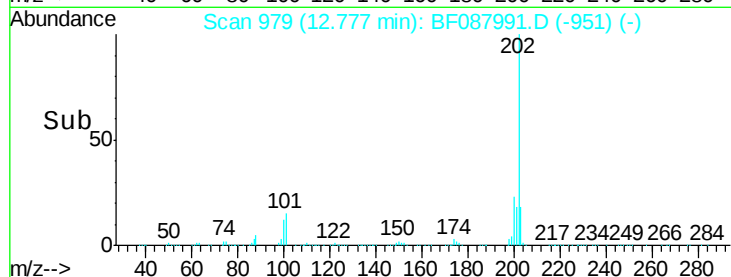
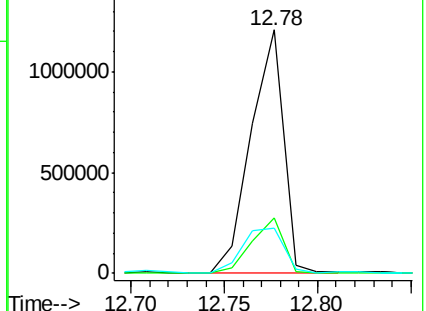
203 18.6 14.5 21.7



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: 64.95 ng

RT: 12.91 min Scan# 991

Delta R.T. 0.01 min

Lab File: BF087991.D

Acq: 13 Jun 2016 19:07

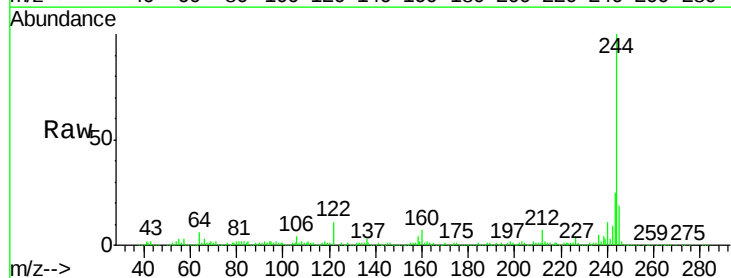
Tgt Ion:244 Resp: 616547

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

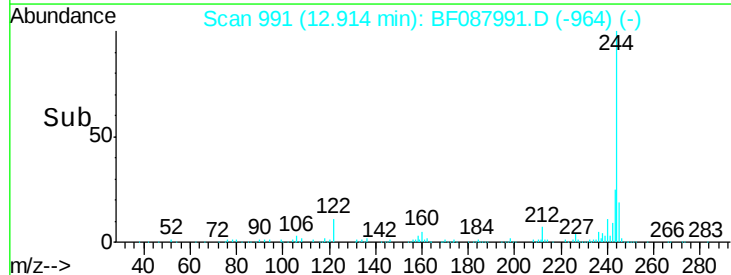
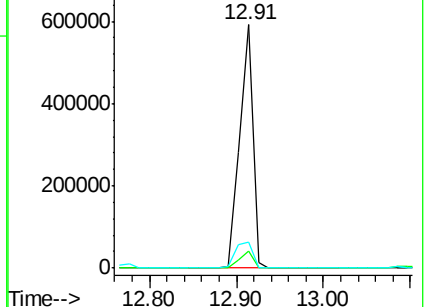
122 10.9 11.2 16.8#

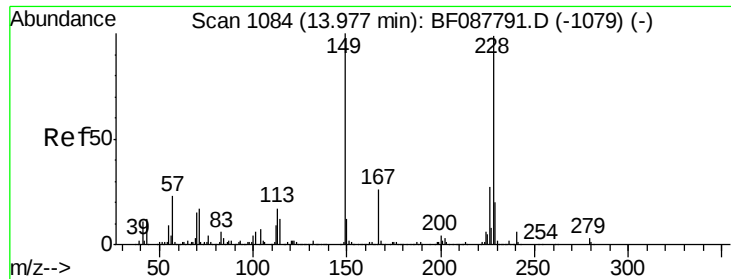


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 75.76 ng

RT: 13.95 min Scan# 1082

Delta R.T. 0.01 min

Lab File: BF087991.D

Acq: 13 Jun 2016 19:07

Instrument :

BNA_F

ClientSampleId :

T6-B2(6-12)C

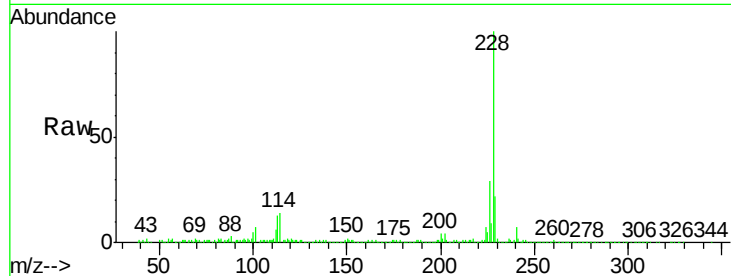
Tgt Ion:228 Resp: 932552

Ion Ratio Lower Upper

228 100

226 29.3 22.3 33.5

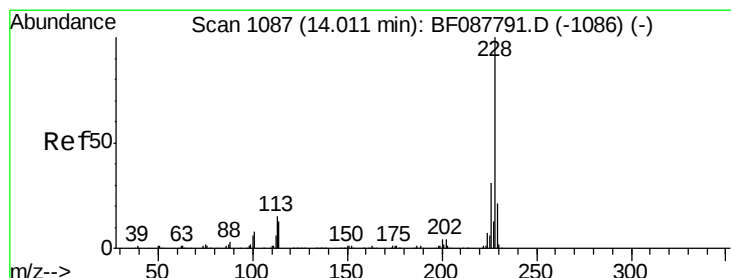
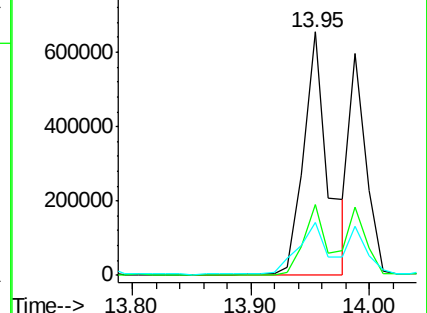
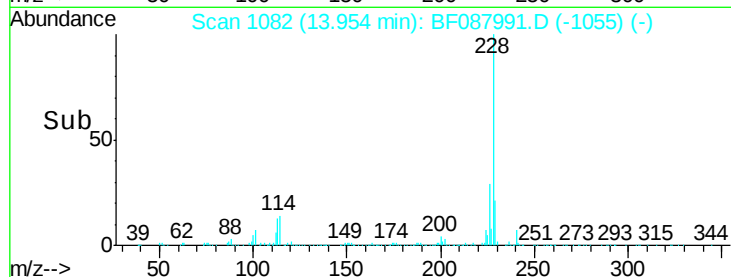
229 21.5 16.0 24.0



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: 49.51 ng

RT: 13.99 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BF087991.D

Acq: 13 Jun 2016 19:07

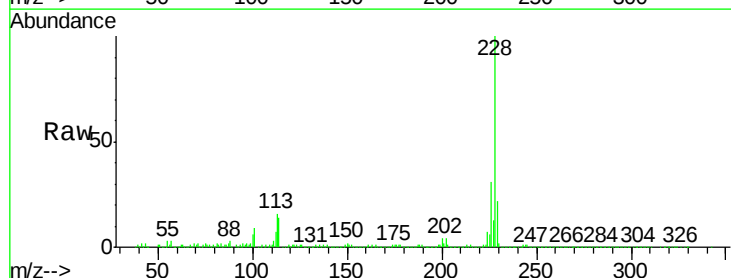
Tgt Ion:228 Resp: 573297

Ion Ratio Lower Upper

228 100

226 30.9 25.4 38.2

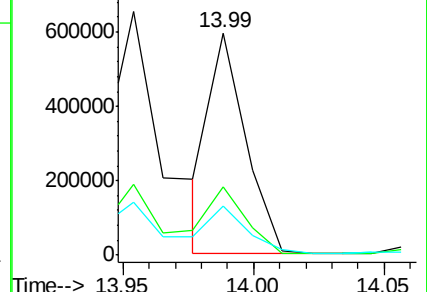
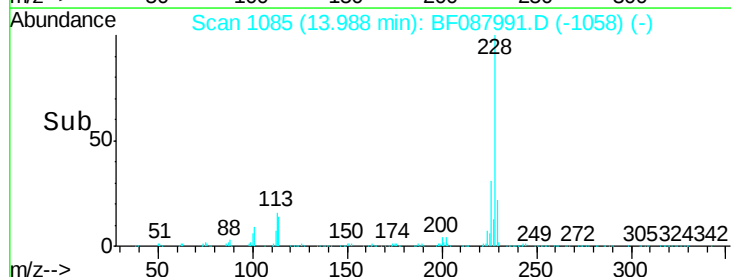
229 22.3 16.3 24.5

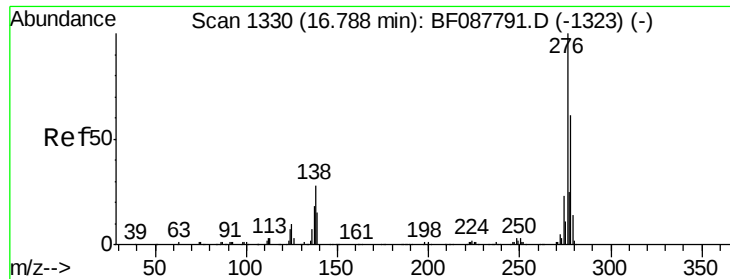


Abundance Ion 228.00 (227.70 to 228.70): E

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: 26.53 ng

RT: 16.74 min Scan# 1326

Delta R.T. 0.02 min

Lab File: BF087991.D

Acq: 13 Jun 2016 19:07

Instrument :

BNA_F

ClientSampleId :

T6-B2(6-12)C

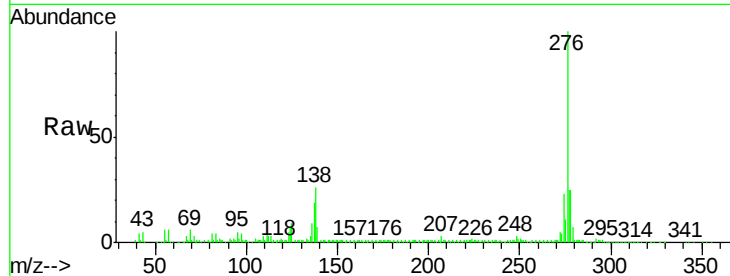
Tgt Ion:276 Resp: 285427

Ion Ratio Lower Upper

276 100

138 27.4 0.0 0.0#

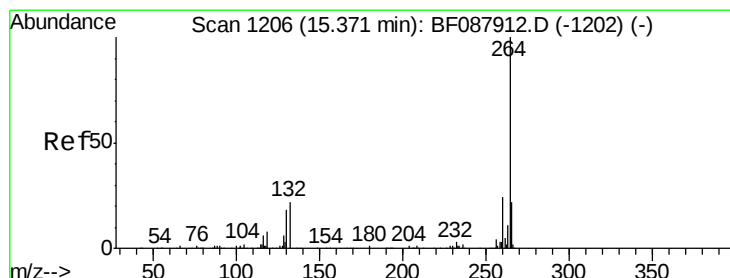
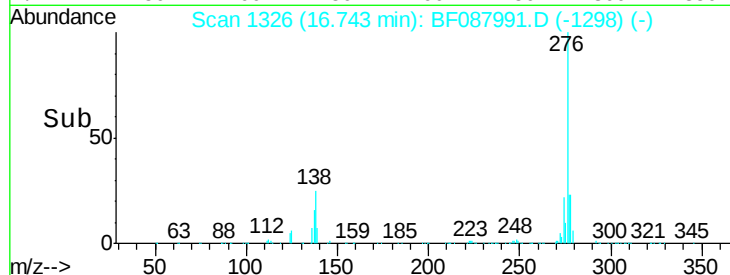
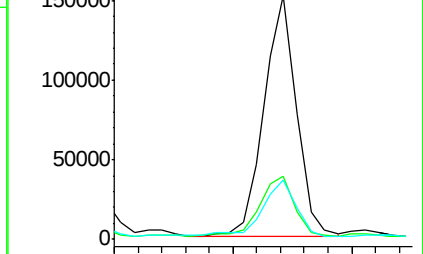
277 25.2 0.0 0.0#



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: 15.38 min Scan# 1207

Delta R.T. 0.02 min

Lab File: BF087991.D

Acq: 13 Jun 2016 19:07

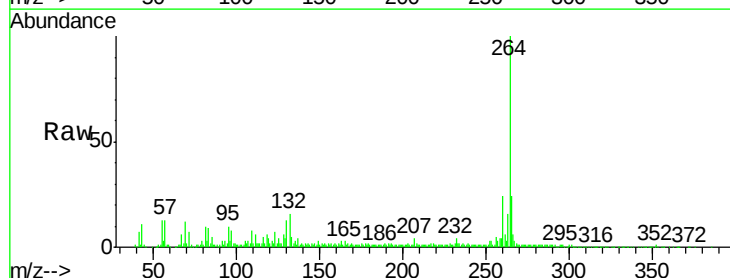
Tgt Ion:264 Resp: 198138

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

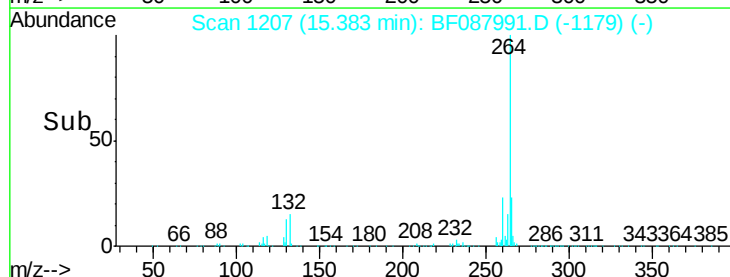
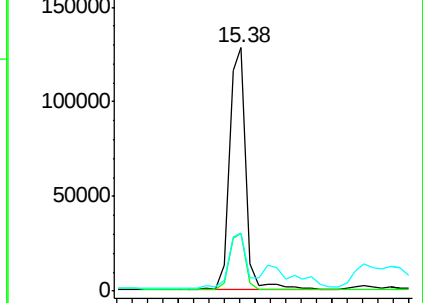
265 23.7 16.9 25.3

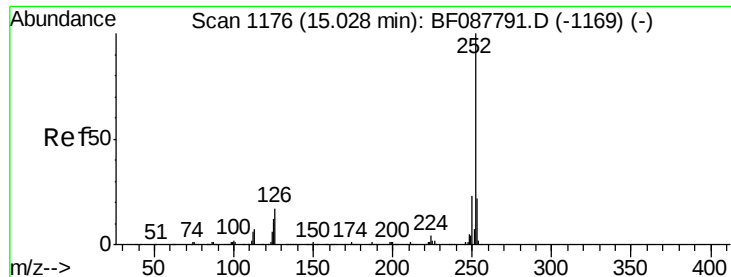


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

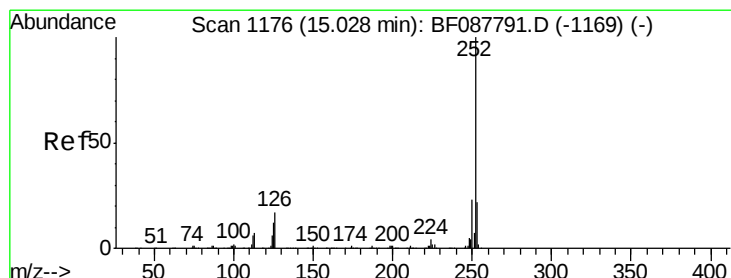
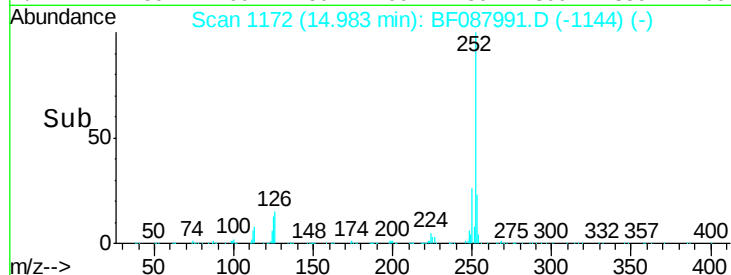
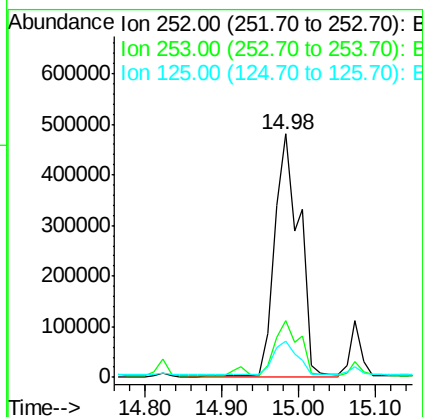
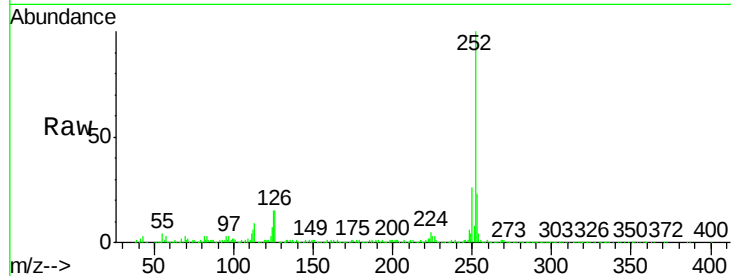




#87
Benzo(b)fluoranthene
Concen: 77.78 ng
RT: 14.98 min Scan# 1172
Delta R.T. 0.02 min
Lab File: BF087991.D
Acq: 13 Jun 2016 19:07

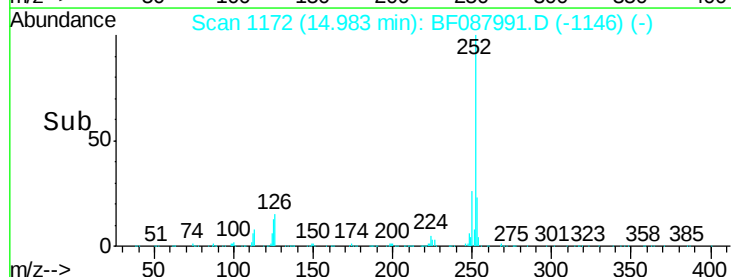
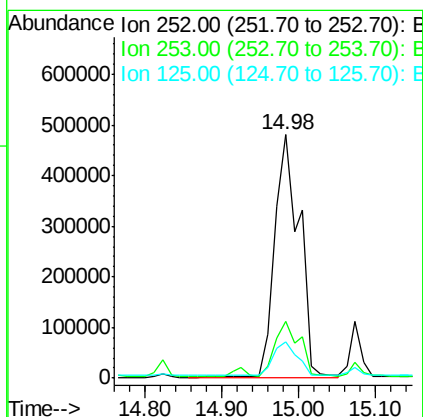
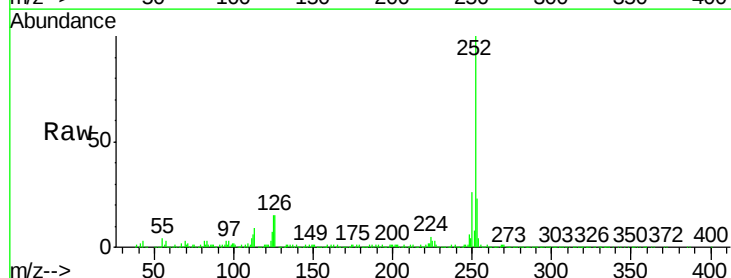
Instrument :
BNA_F
ClientSampleId :
T6-B2(6-12)C

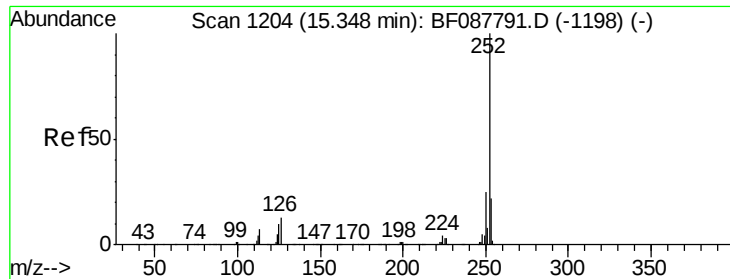
Tgt Ion:252 Resp: 1074132
Ion Ratio Lower Upper
252 100
253 23.4 17.4 26.2
125 14.7 7.1 10.7#



#88
Benzo(k)fluoranthene
Concen: 103.11 ng
RT: 14.98 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF087991.D
Acq: 13 Jun 2016 19:07

Tgt Ion:252 Resp: 1074132
Ion Ratio Lower Upper
252 100
253 23.4 18.0 27.0
125 14.7 11.2 16.8





#89

Benzo(a)pyrene

Concen: 45.95 ng

RT: 15.33 min Scan# 1202

Delta R.T. 0.02 min

Lab File: BF087991.D

Acq: 13 Jun 2016 19:07

Instrument :

BNA_F

ClientSampleId :

T6-B2(6-12)C

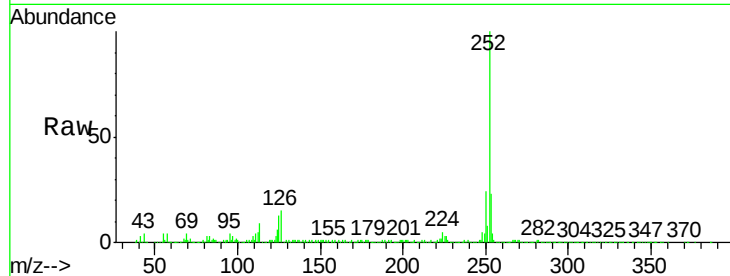
Tgt Ion:252 Resp: 513409

Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

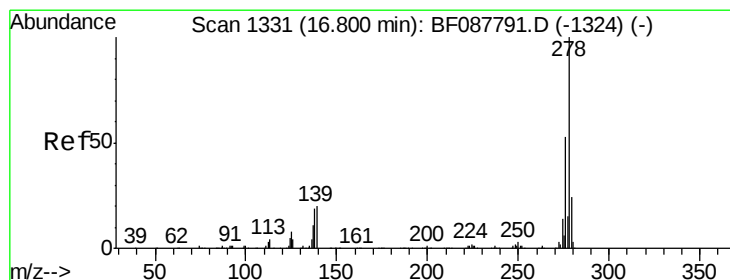
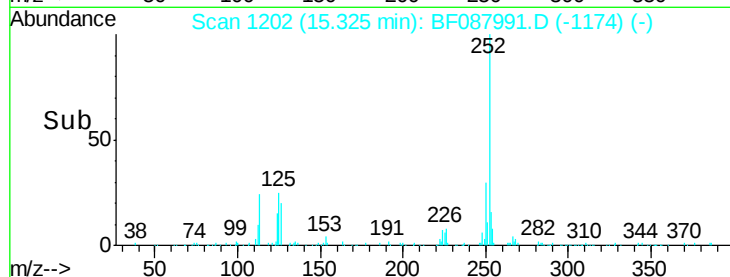
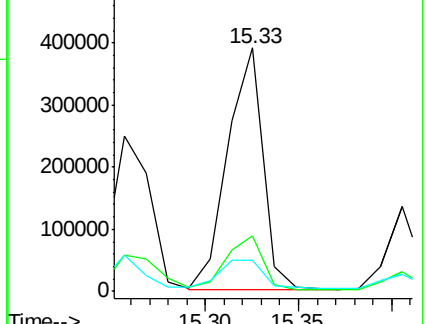
125 12.6 12.5 18.7



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: 5.91 ng

RT: 16.90 min Scan# 1340

Delta R.T. 0.17 min

Lab File: BF087991.D

Acq: 13 Jun 2016 19:07

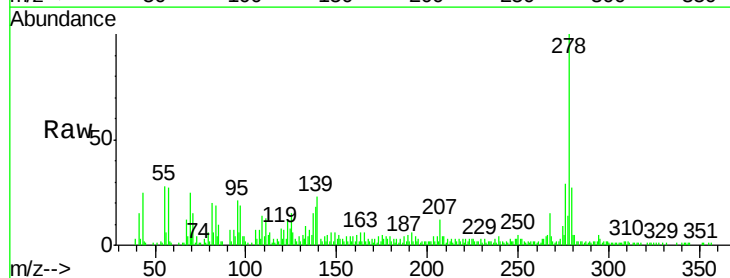
Tgt Ion:278 Resp: 61310

Ion Ratio Lower Upper

278 100

139 23.0 15.7 23.5

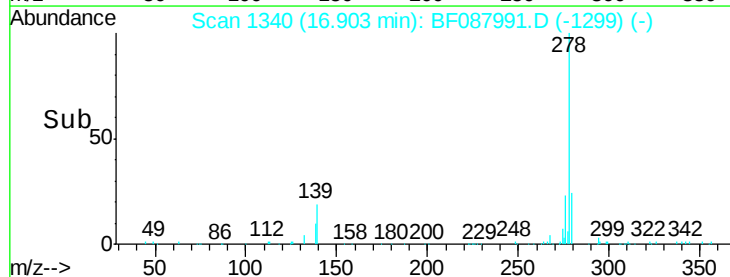
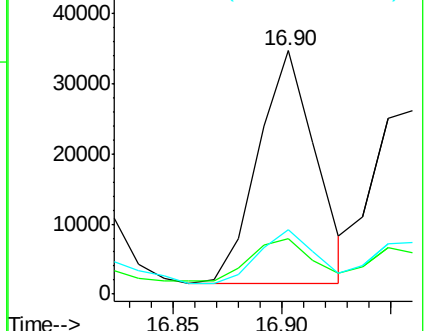
279 26.6 19.4 29.2

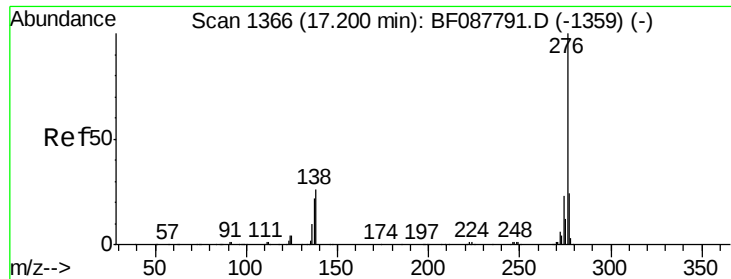


Abundance Ion 278.00 (277.70 to 278.70): E

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: 23.78 ng

RT: 17.15 min Scan# 1362

Delta R.T. 0.02 min

Lab File: BF087991.D

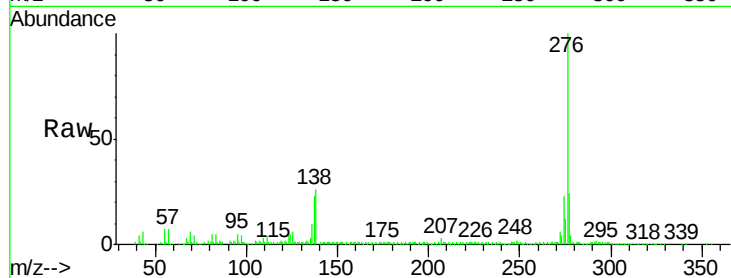
Acq: 13 Jun 2016 19:07

Instrument :

BNA_F

ClientSampleId :

T6-B2(6-12)C



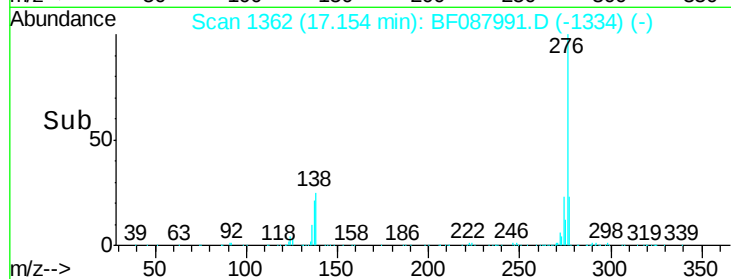
Tgt Ion: 276 Resp: 253836

Ion Ratio Lower Upper

276 100

277 24.0 18.9 28.3

138 25.8 21.4 32.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

