

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050516\
 Data File : BF086717.D
 Acq On : 5 May 2016 20:48
 Operator : UM/SJ
 Sample : H2829-15
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EUT01-TD-B3(5-9)-C

Quant Time: May 06 01:15:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 04 15:12:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	172525	40.00	ng	-0.01
21) Naphthalene-d8	8.01	136	657332	40.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	313118	40.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	500743	40.00	ng	-0.01
75) Chrysene-d12	13.88	240	299255	40.00	ng	0.00
86) Perylene-d12	15.27	264	334415	40.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	1162672	111.57	ng	0.00
7) Phenol-d6	6.37	99	1338353	95.34	ng	0.00
23) Nitrobenzene-d5	7.30	82	1027326	80.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.56	330	337595	110.22	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	1385998	72.56	ng	-0.01
78) Terphenyl-d14	12.83	244	951304	64.25	ng	-0.01

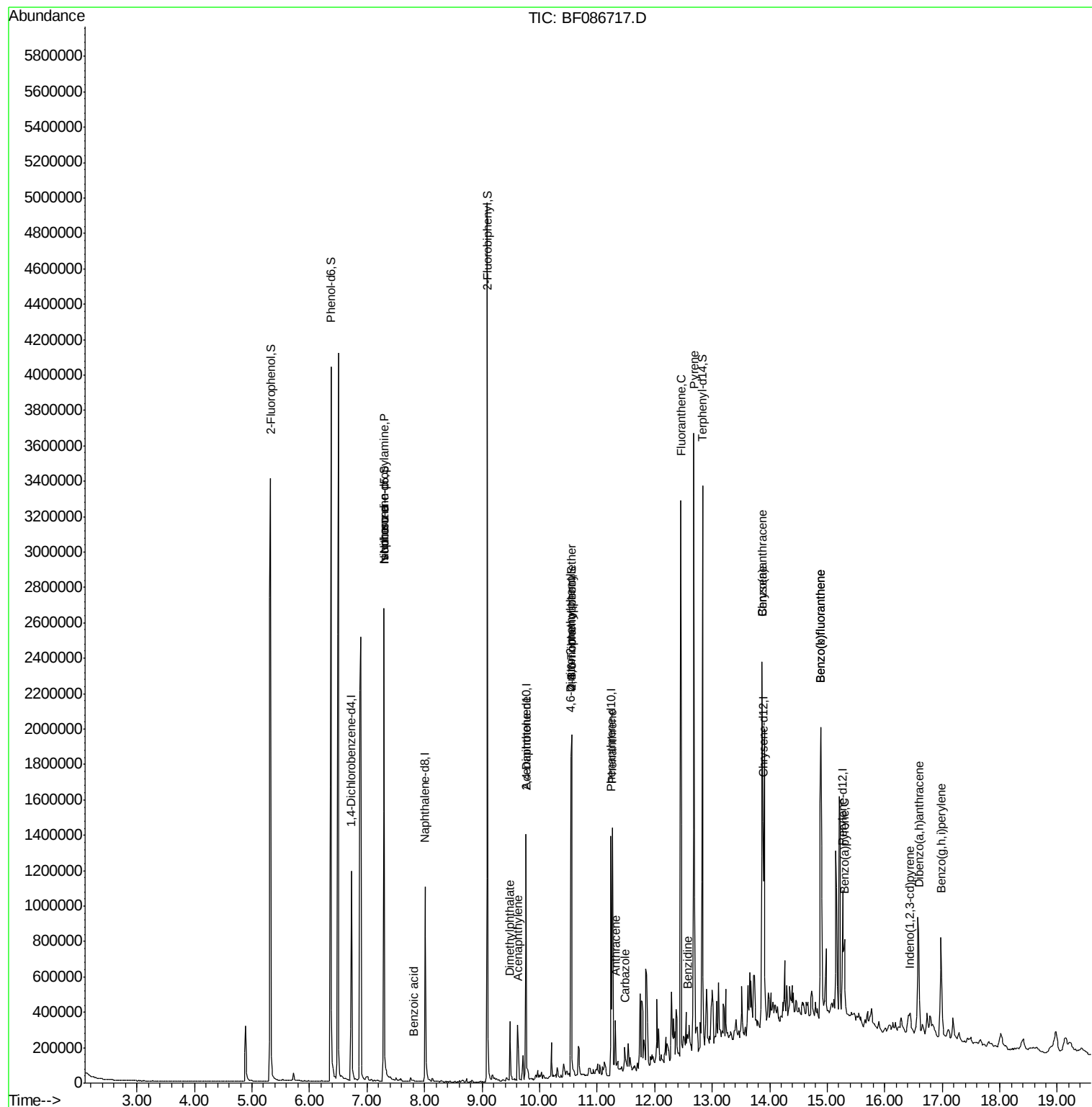
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.30	70	142313	14.84	ng	# 79
25) Isophorone	7.30	82	969040	40.68	ng	# 68
32) Benzoic acid	7.81	122	247	8.47	ng	# 21
48) Acenaphthylene	9.62	152	165539	5.64	ng	99
49) Dimethylphthalate	9.48	163	151904	6.51	ng	99
56) 2,4-Dinitrotoluene	9.77	165	40673	6.55	ng	# 16
64) 4,6-Dinitro-2-methylphenol	10.54	198	960	5.64	ng	# 1
66) 4-Bromophenyl-phenylether	10.56	248	20005	4.02	ng	# 1
70) Phenanthrene	11.26	178	495112	18.41	ng	99
71) Anthracene	11.32	178	192378	6.83	ng	96
72) Carbazole	11.48	167	55320	2.26	ng	99
74) Fluoranthene	12.45	202	1452944	53.90	ng	100
76) Benzidine	12.57	184	693	7.17	ng	# 1
77) Pyrene	12.68	202	1533501	64.28	ng	98
80) Benzo(a)anthracene	13.87	228	771348	45.57	ng	95
82) Chrysene	13.87	228	771348	42.72	ng	97
85) Indeno(1,2,3-cd)pyrene	16.44	276	90566	5.85	ng	93
87) Benzo(b)fluoranthene	14.89	252	1279575	63.68	ng	97
88) Benzo(k)fluoranthene	14.89	252	1279575	67.58	ng	99
89) Benzo(a)pyrene	15.30	252	227974	12.32	ng	95
90) Dibenzo(a,h)anthracene	16.59	278	116785	6.57	ng	96
91) Benzo(g,h,i)perylene	16.98	276	437321	23.43	ng	93

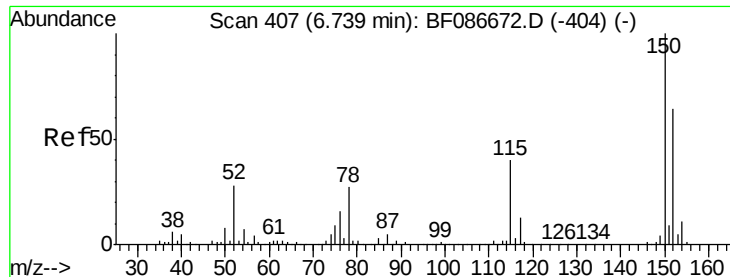
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 40.00 ng

RT: 6.73 min Scan# 406

Delta R.T. -0.01 min

Lab File: BF086717.D

Acq: 5 May 2016 20:48

Instrument :

BNA_F

ClientSampleId :

EUT01-TD-B3(5-9)-C

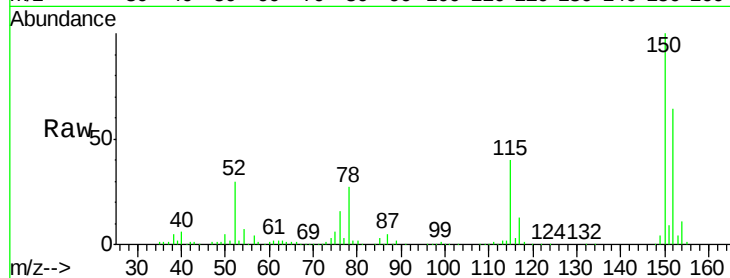
Tgt Ion:152 Resp: 172525

Ion Ratio Lower Upper

152 100

150 156.7 125.8 188.6

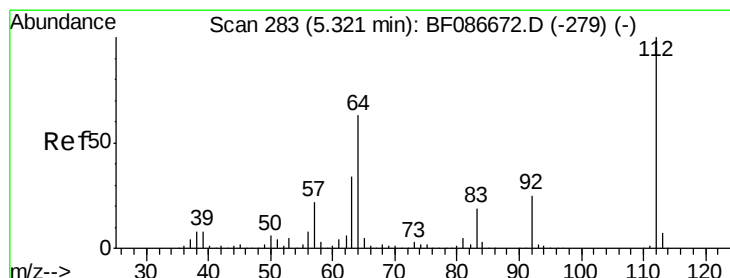
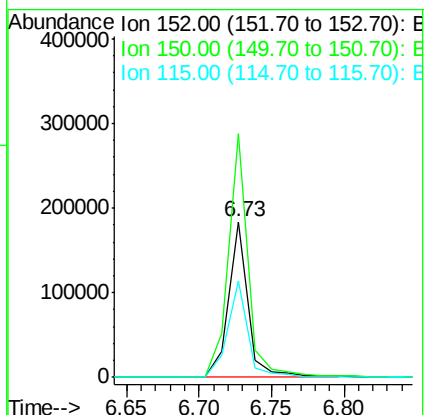
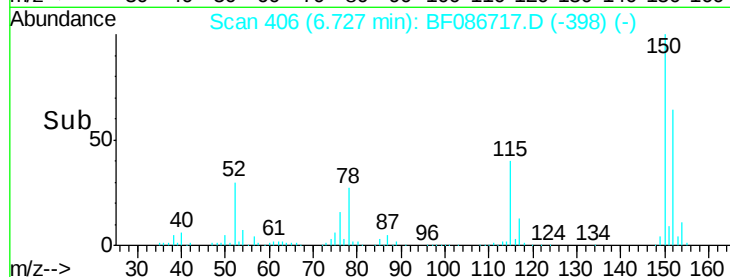
115 62.0 51.5 77.3



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: 111.57 ng

RT: 5.32 min Scan# 283

Delta R.T. 0.00 min

Lab File: BF086717.D

Acq: 5 May 2016 20:48

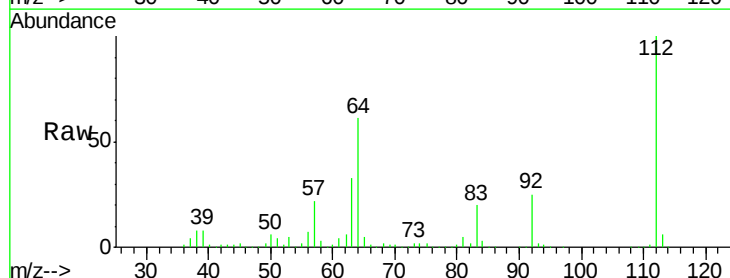
Tgt Ion:112 Resp: 1162672

Ion Ratio Lower Upper

112 100

64 61.2 52.1 78.1

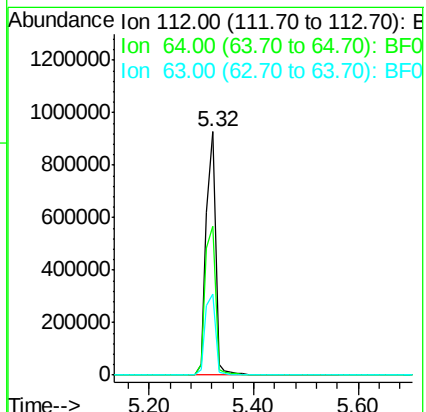
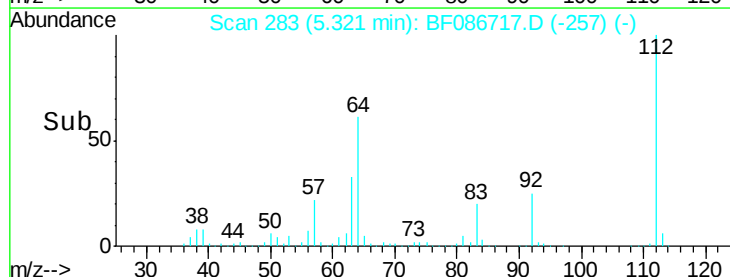
63 33.2 25.7 38.5

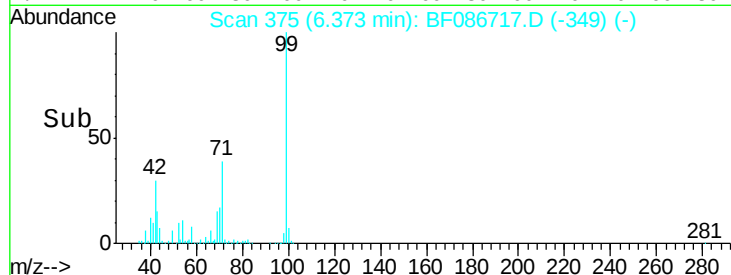
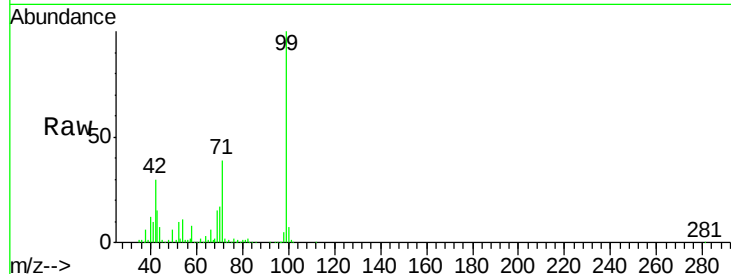
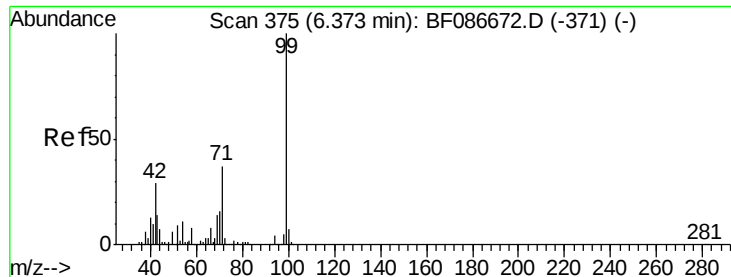


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 95.34 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF086717.D

Acq: 5 May 2016 20:48

Instrument :

BNA_F

ClientSampleId :

EUT01-TD-B3(5-9)-C

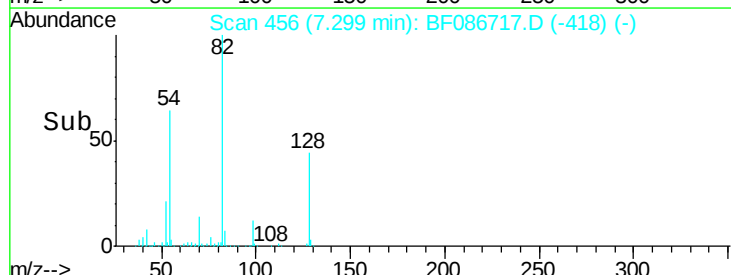
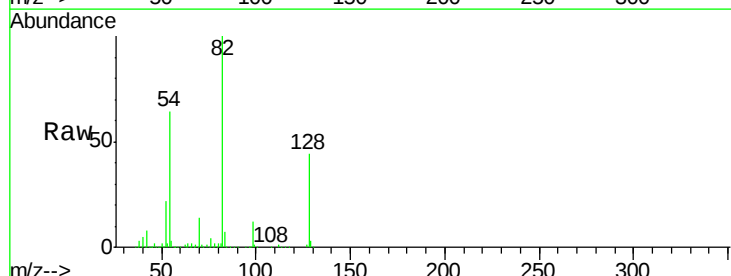
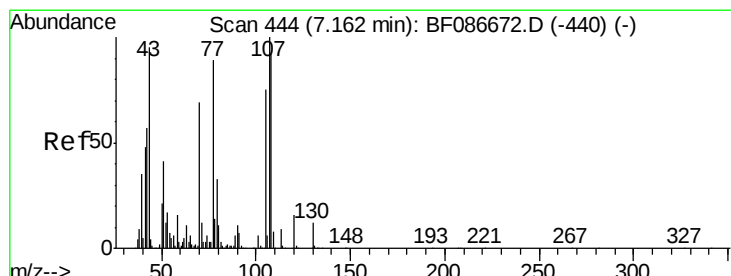
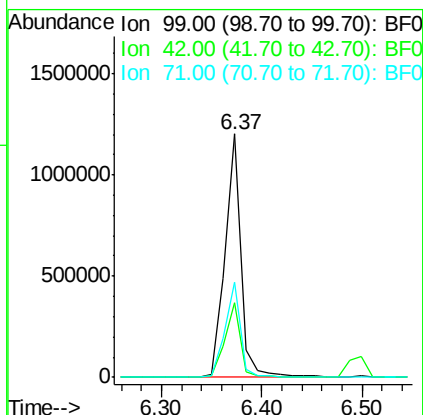
Tgt Ion: 99 Resp: 1338353

Ion Ratio Lower Upper

99 100

42 30.4 13.6 20.4#

71 39.1 24.6 36.8#



#19

n-Nitroso-di-n-propylamine

Concen: 14.84 ng

RT: 7.30 min Scan# 456

Delta R.T. 0.14 min

Lab File: BF086717.D

Acq: 5 May 2016 20:48

Tgt Ion: 70 Resp: 142313

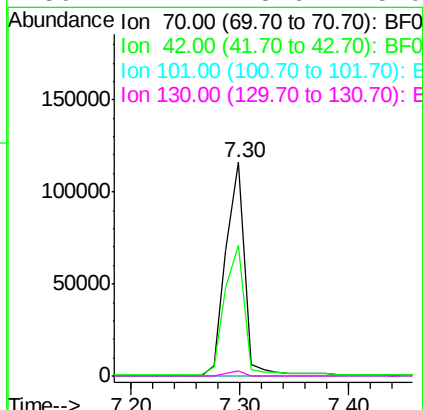
Ion Ratio Lower Upper

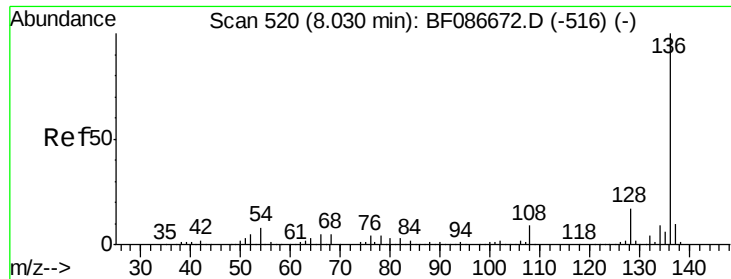
70 100

42 60.9 43.1 64.7

101 0.0 8.1 12.1#

130 2.1 18.6 28.0#

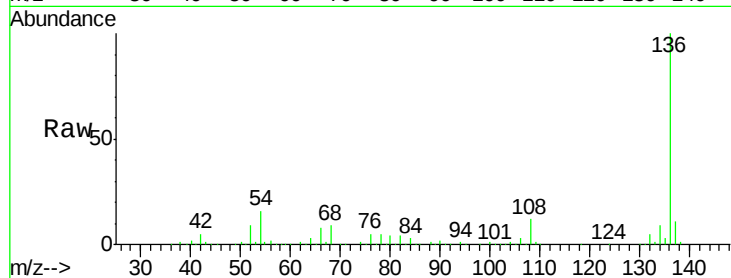




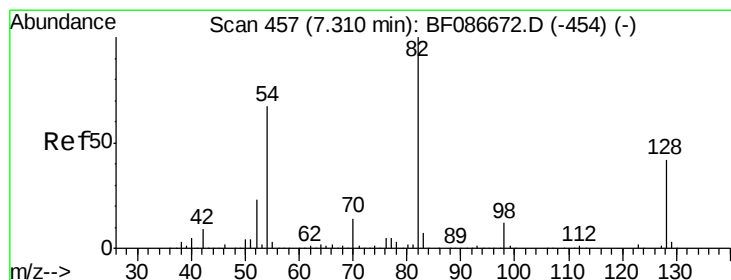
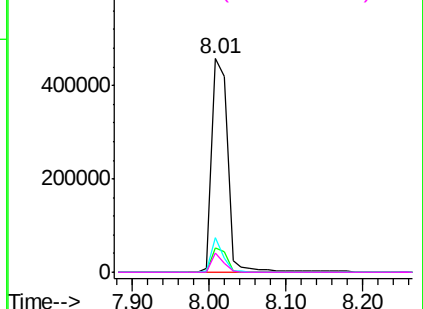
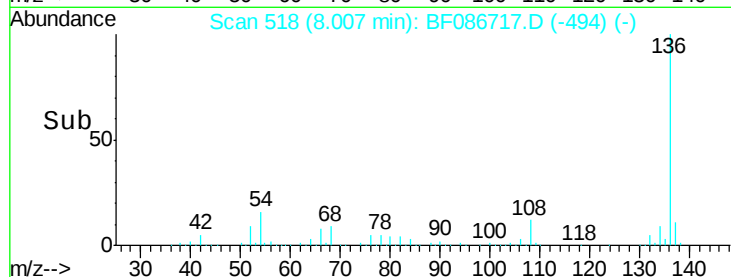
#21
Naphthalene-d8
Concen: 40.00 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.02 min
Lab File: BF086717.D
Acq: 5 May 2016 20:48

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B3(5-9)-C

Tgt Ion:	136	Resp:	657332
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	16.0	5.0	7.4#
68	8.9	4.4	6.6#

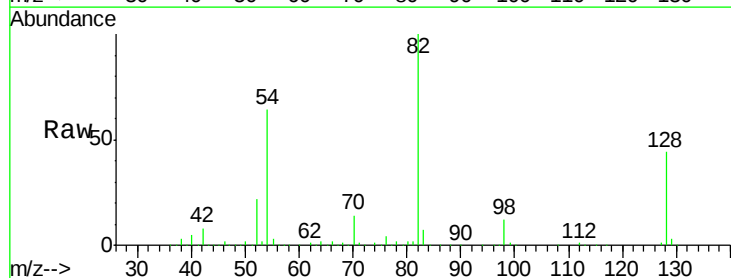


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

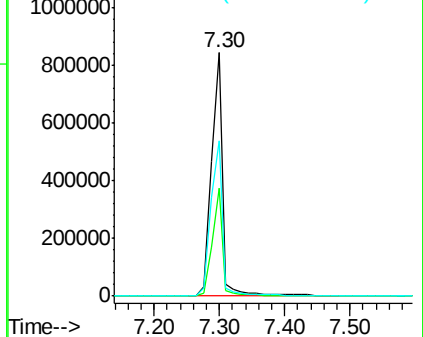
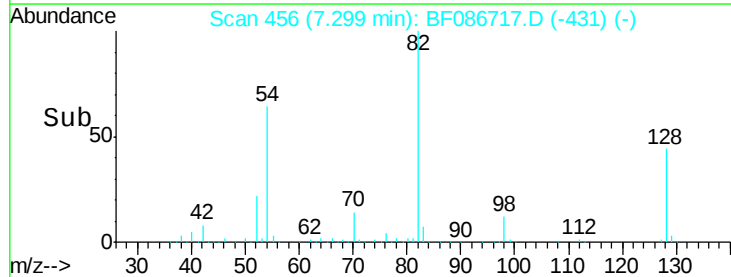


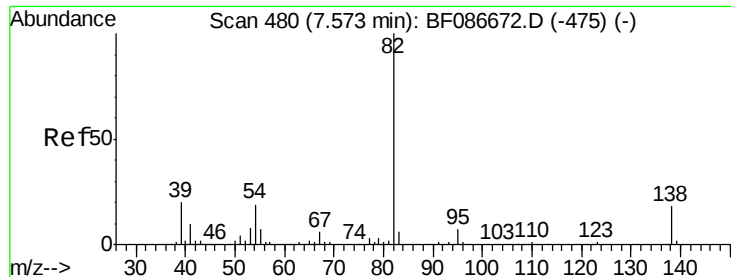
#23
Nitrobenzene-d5
Concen: 80.31 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF086717.D
Acq: 5 May 2016 20:48

Tgt Ion:	82	Resp:	1027326
Ion	Ratio	Lower	Upper
82	100		
128	44.3	40.6	61.0
54	63.8	38.1	57.1#



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





#25

Isophorone

Concen: 40.68 ng

RT: 7.30 min Scan# 456

Delta R.T. -0.27 min

Lab File: BF086717.D

Acq: 5 May 2016 20:48

Instrument :

BNA_F

ClientSampleId :

EUT01-TD-B3(5-9)-C

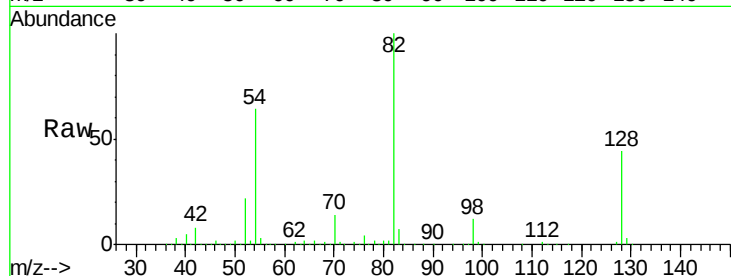
Tgt Ion: 82 Resp: 969040

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

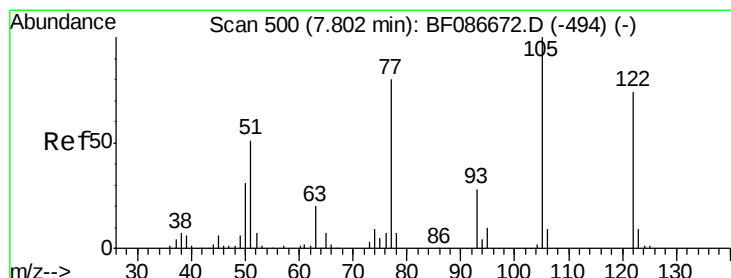
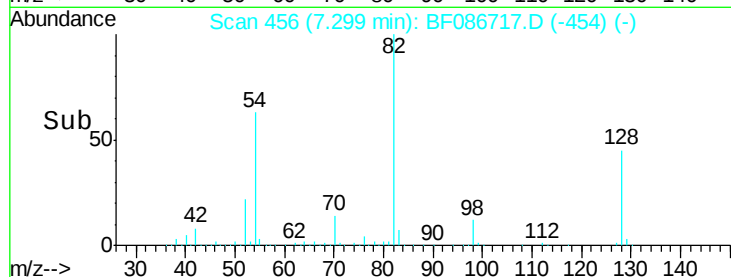
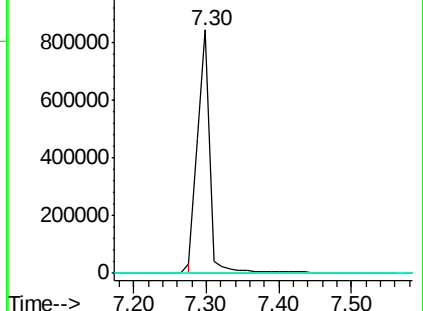
138 0.0 12.4 18.6#



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



#32

Benzoic acid

Concen: 8.47 ng

RT: 7.81 min Scan# 501

Delta R.T. 0.01 min

Lab File: BF086717.D

Acq: 5 May 2016 20:48

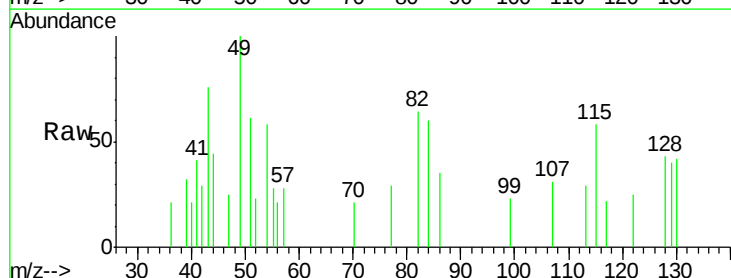
Tgt Ion: 122 Resp: 247

Ion Ratio Lower Upper

122 100

105 0.0 92.6 132.6#

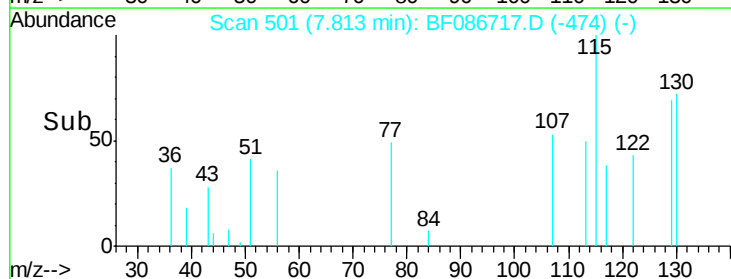
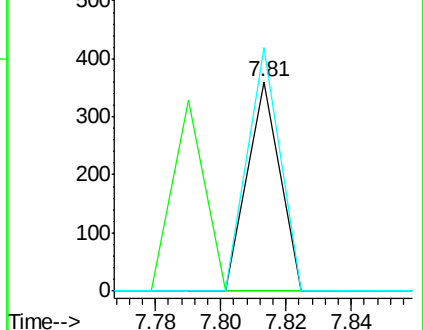
77 116.4 60.0 100.0#

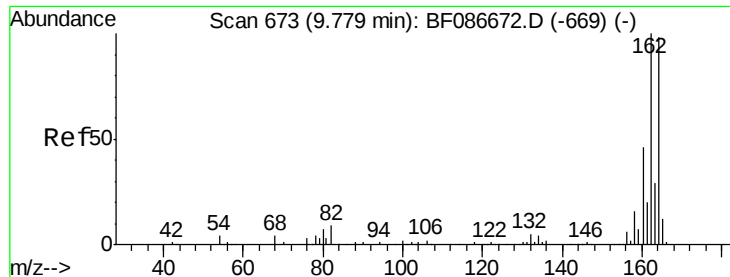


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#38

Acenaphthene-d10

Concen: 40.00 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.01 min

Lab File: BF086717.D

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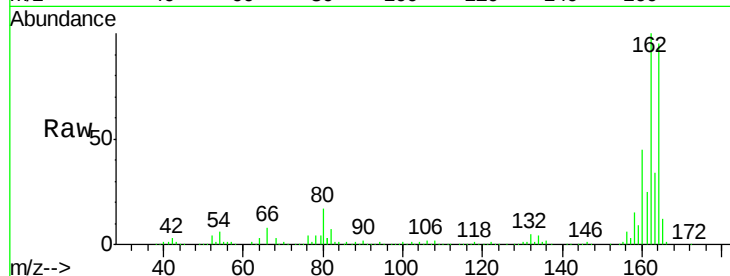
Tgt Ion:164 Resp: 313118

Ion Ratio Lower Upper

164 100

162 105.7 82.8 124.2

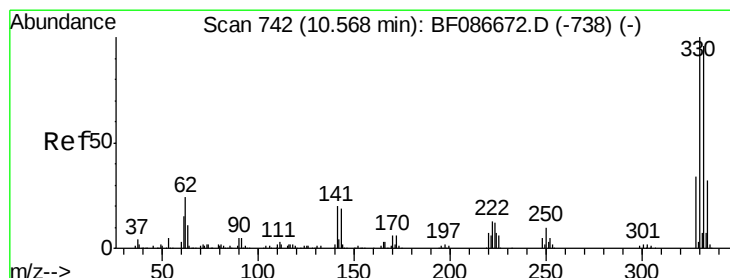
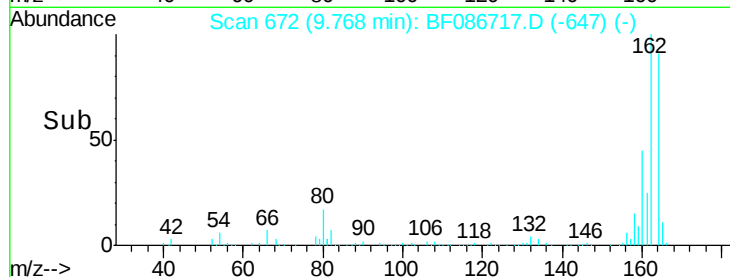
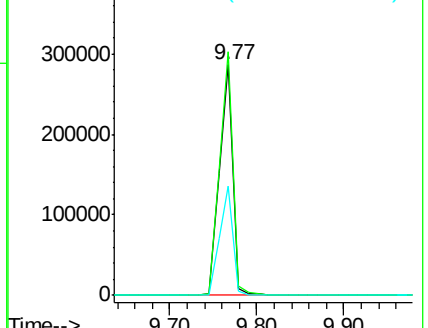
160 47.6 36.9 55.3



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: 110.22 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF086717.D

Acq: 5 May 2016 20:48

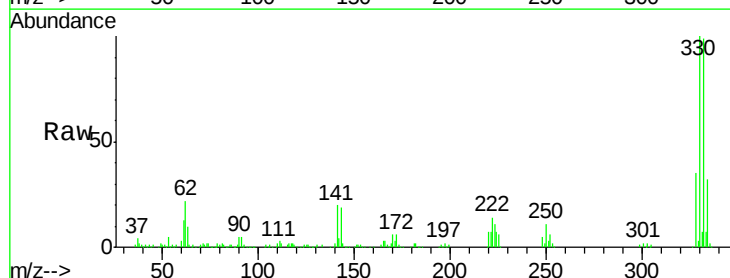
Tgt Ion:330 Resp: 337595

Ion Ratio Lower Upper

330 100

332 98.4 79.0 118.4

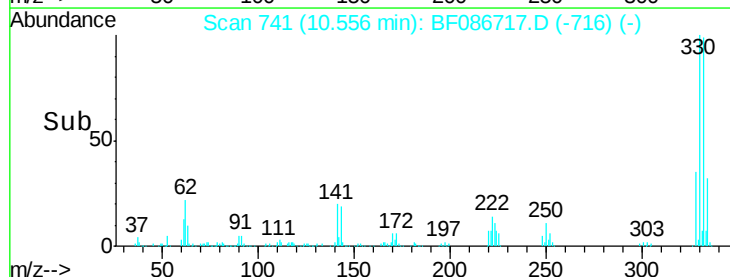
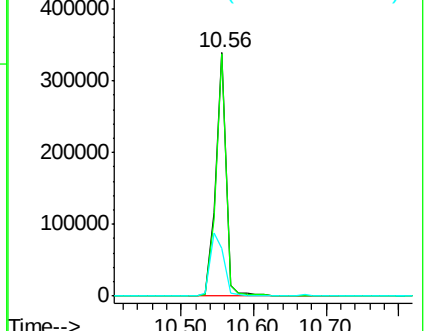
141 34.0 31.2 46.8

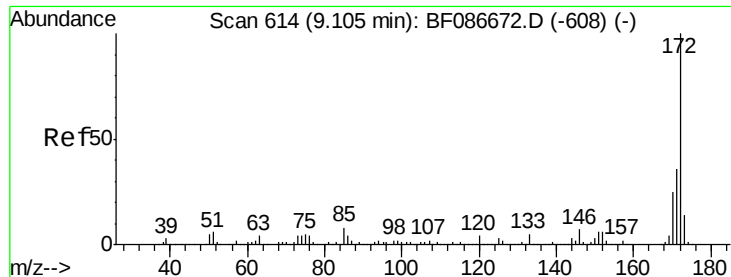


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

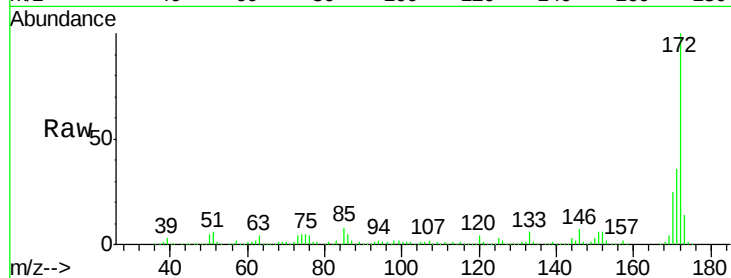




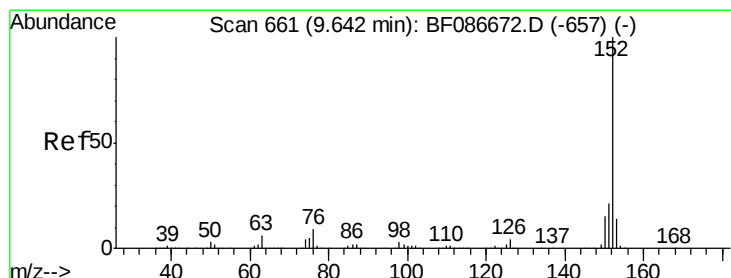
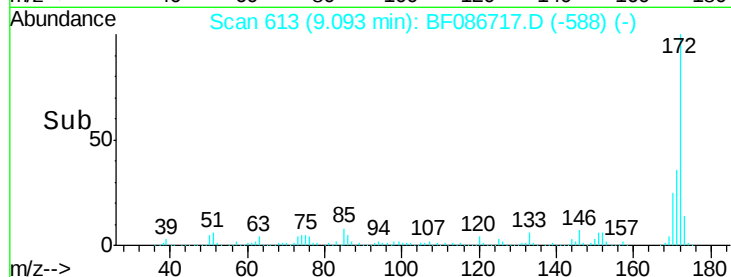
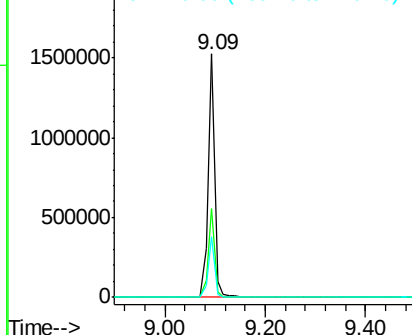
#44
 2-Fluorobiphenyl
 Concen: 72.56 ng
 RT: 9.09 min Scan# 613
 Delta R.T. -0.01 min
 Lab File: BF086717.D
 Acq: 5 May 2016 20:48

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Tgt Ion:172 Resp: 1385998
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.0 43.6
 170 25.0 19.8 29.8

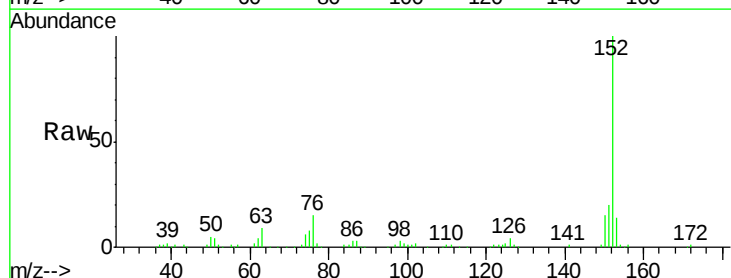


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

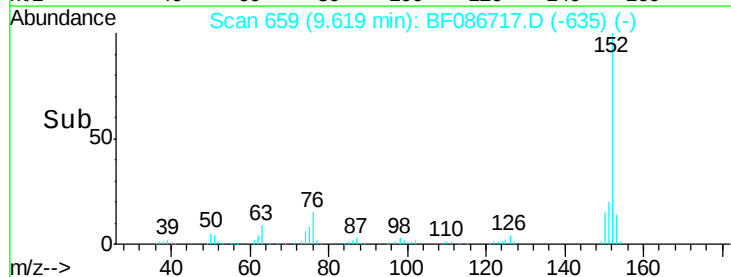
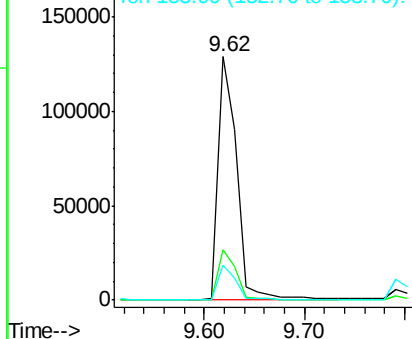


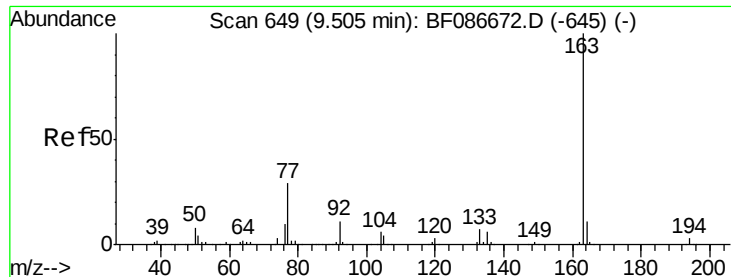
#48
 Acenaphthylene
 Concen: 5.64 ng
 RT: 9.62 min Scan# 659
 Delta R.T. -0.02 min
 Lab File: BF086717.D
 Acq: 5 May 2016 20:48

Tgt Ion:152 Resp: 165539
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.8 25.2
 153 14.3 10.9 16.3



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: 6.51 ng

RT: 9.48 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF086717.D

Acq: 5 May 2016 20:48

Instrument :

BNA_F

ClientSampleId :

EUT01-TD-B3(5-9)-C

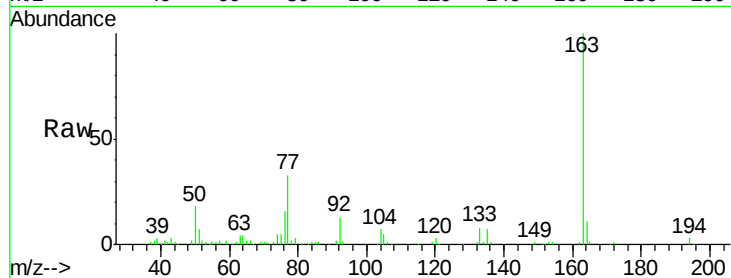
Tgt Ion:163 Resp: 151904

Ion Ratio Lower Upper

163 100

194 2.8 2.6 4.0

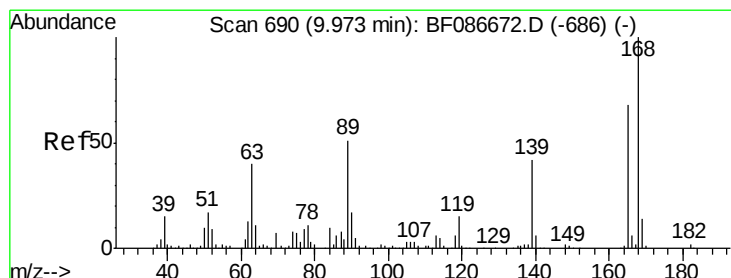
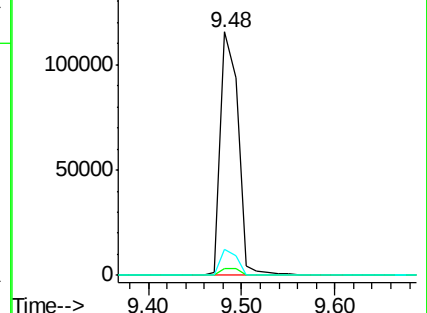
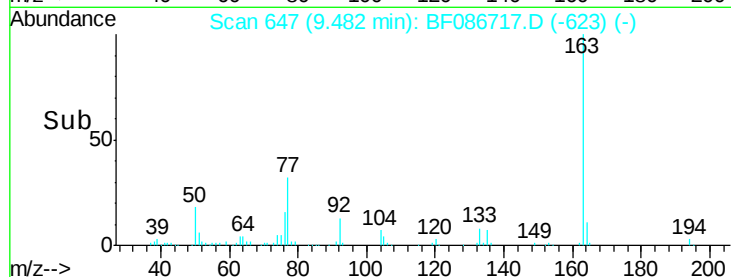
164 10.5 8.2 12.4



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



#56

2,4-Dinitrotoluene

Concen: 6.55 ng

RT: 9.77 min Scan# 672

Delta R.T. -0.21 min

Lab File: BF086717.D

Acq: 5 May 2016 20:48

Tgt Ion:165 Resp: 40673

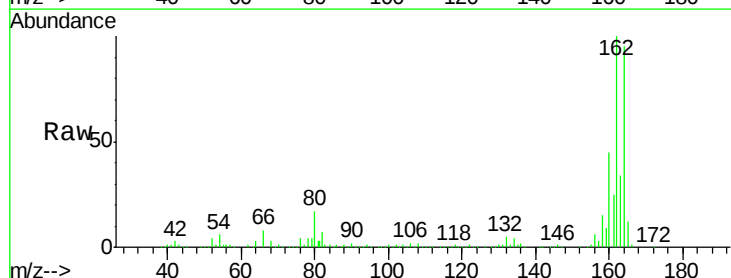
Ion Ratio Lower Upper

165 100

63 2.1 44.3 66.5#

89 2.1 70.0 105.0#

182 0.0 1.8 2.6#

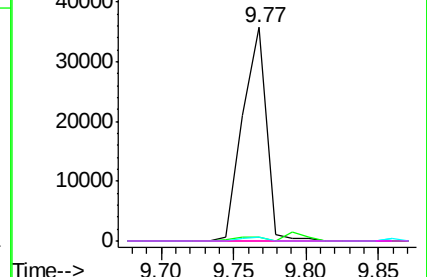
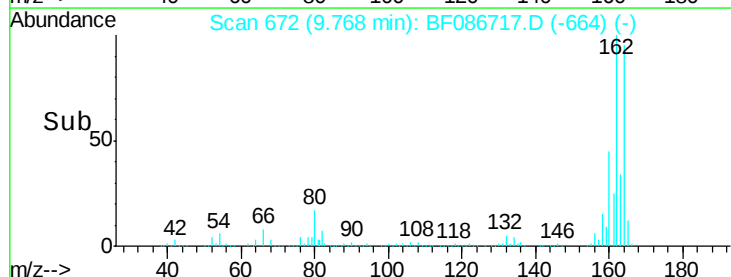


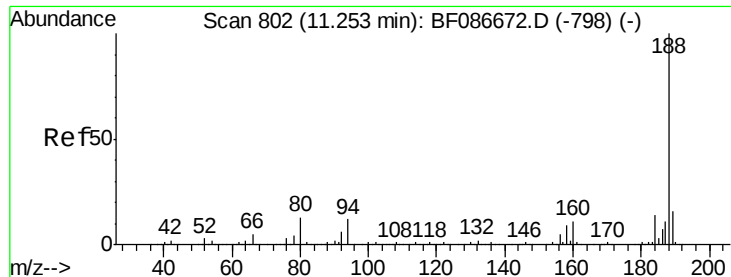
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

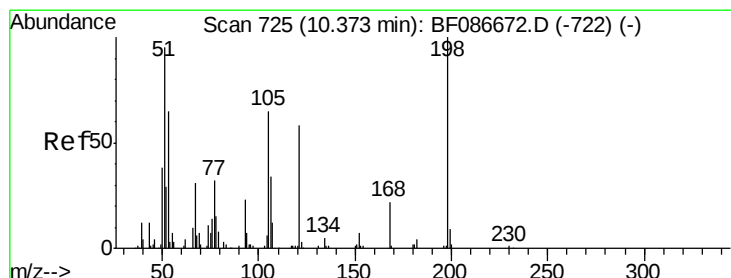
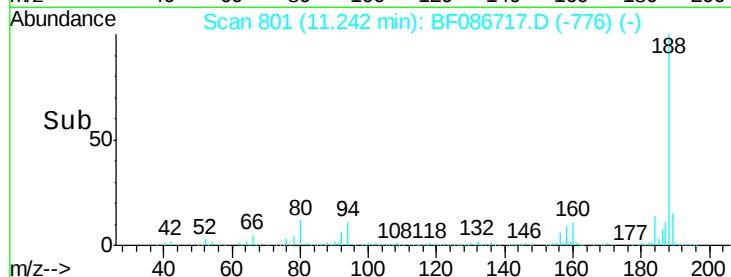
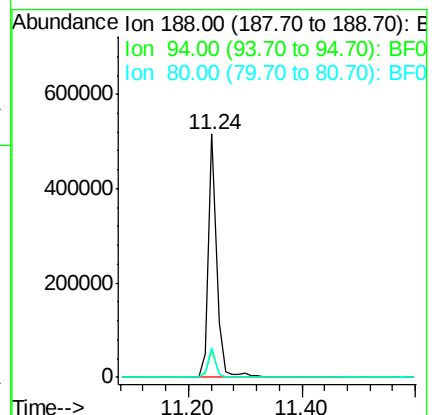
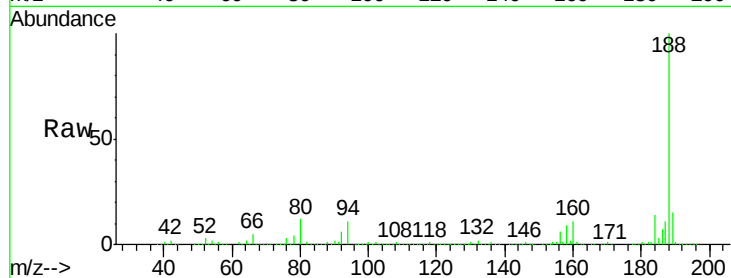




#63
 Phenanthrene-d10
 Concen: 40.00 ng
 RT: 11.24 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF086717.D
 Acq: 5 May 2016 20:48

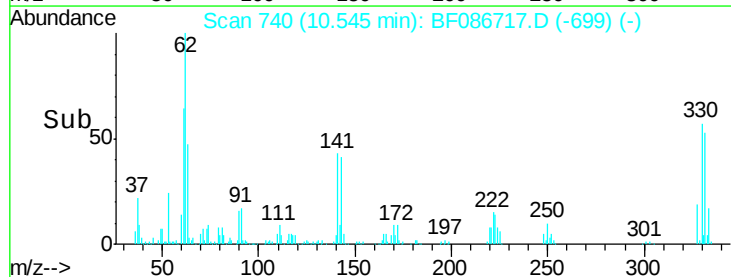
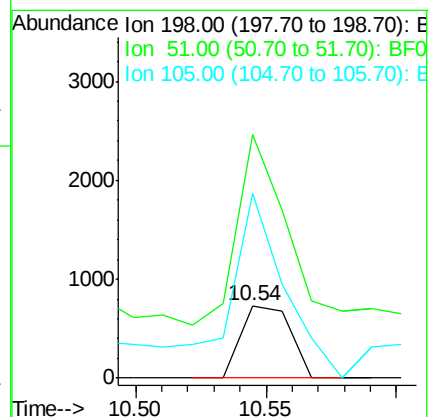
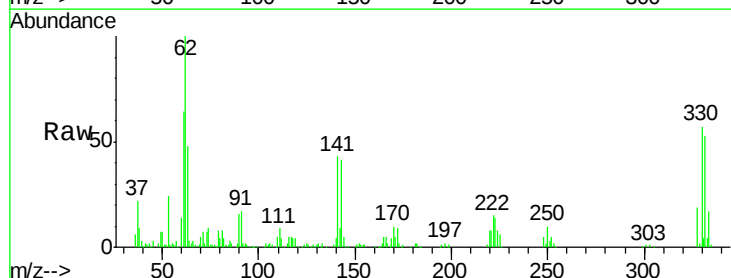
Instrument :
 BNA_F
 ClientSampleId :
 EUT01-TD-B3(5-9)-C

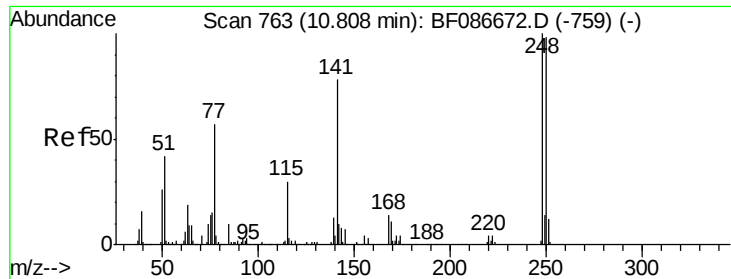
Tgt Ion:188 Resp: 500743
 Ion Ratio Lower Upper
 188 100
 94 11.1 6.8 10.2#
 80 12.3 7.1 10.7#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.64 ng
 RT: 10.54 min Scan# 740
 Delta R.T. 0.17 min
 Lab File: BF086717.D
 Acq: 5 May 2016 20:48

Tgt Ion:198 Resp: 960
 Ion Ratio Lower Upper
 198 100
 51 337.7 20.5 60.5#
 105 255.6 24.5 64.5#

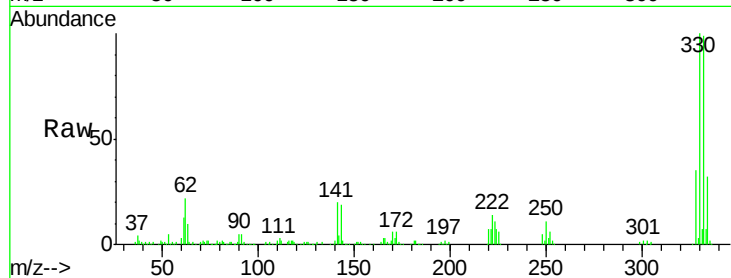




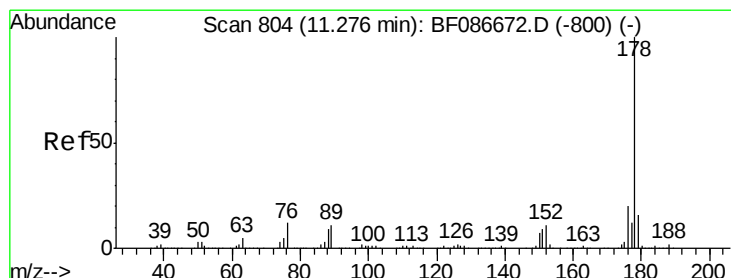
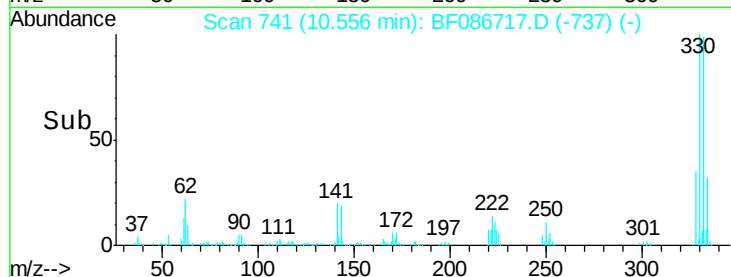
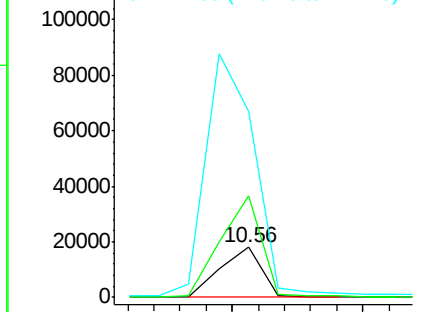
#66
4-Bromophenyl-phenylether
Concen: 4.02 ng
RT: 10.56 min Scan# 741
Delta R.T. -0.25 min
Lab File: BF086717.D
Acq: 5 May 2016 20:48

Instrument :
BNA_F
ClientSampleId :
EUT01-TD-B3(5-9)-C

Tgt Ion:248 Resp: 20005
Ion Ratio Lower Upper
248 100
250 203.5 78.6 117.8#
141 371.8 76.0 114.0#

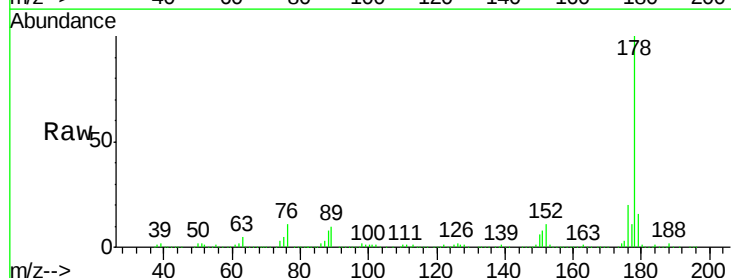


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

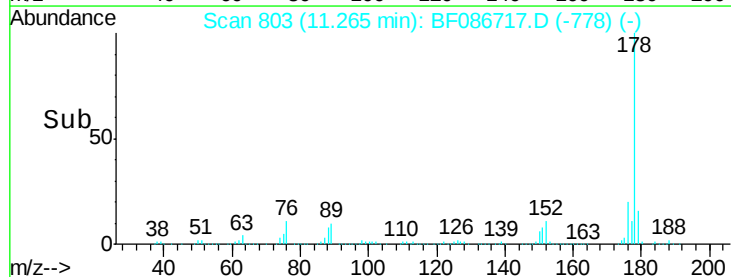
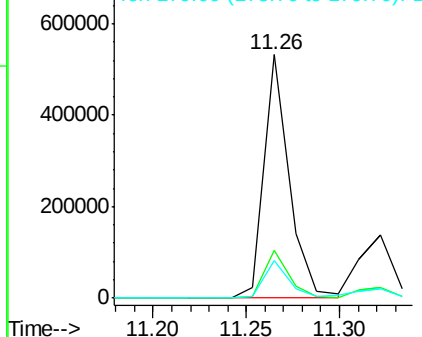


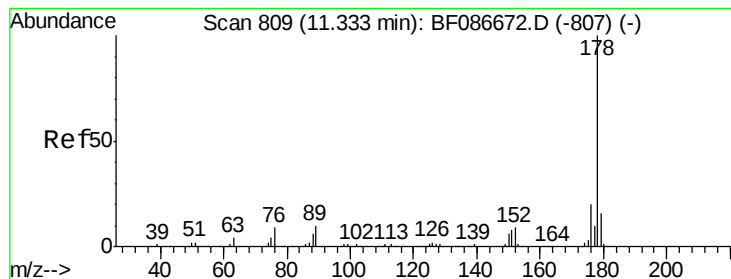
#70
Phenanthrene
Concen: 18.41 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.01 min
Lab File: BF086717.D
Acq: 5 May 2016 20:48

Tgt Ion:178 Resp: 495112
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 15.6 12.6 18.8



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: 6.83 ng

RT: 11.32 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF086717.D

Acq: 5 May 2016 20:48

Instrument :

BNA_F

ClientSampleId :

EUT01-TD-B3(5-9)-C

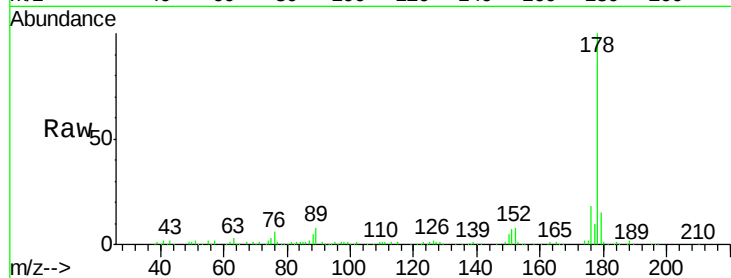
Tgt Ion:178 Resp: 192378

Ion Ratio Lower Upper

178 100

176 17.7 15.6 23.4

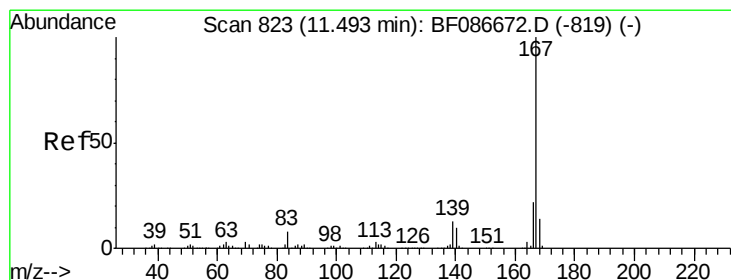
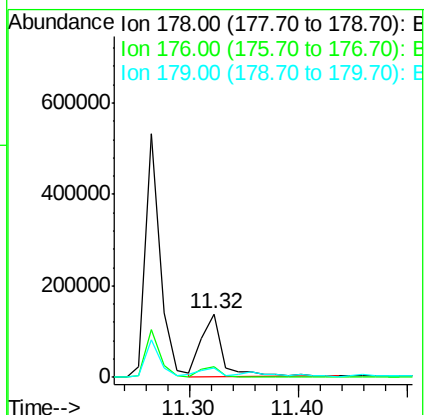
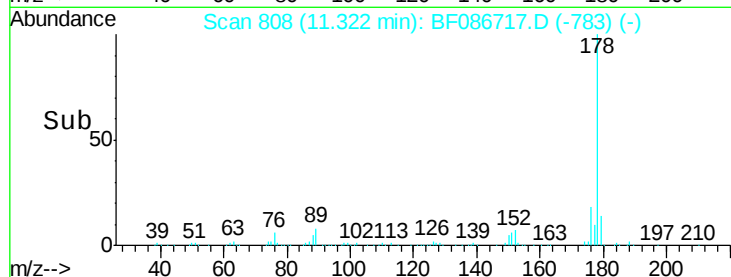
179 14.5 12.7 19.1



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: 2.26 ng

RT: 11.48 min Scan# 822

Delta R.T. -0.01 min

Lab File: BF086717.D

Acq: 5 May 2016 20:48

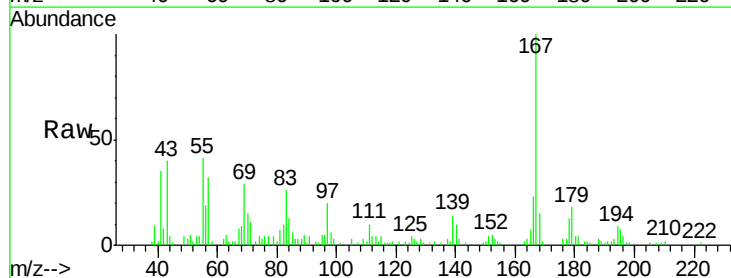
Tgt Ion:167 Resp: 55320

Ion Ratio Lower Upper

167 100

166 22.7 17.7 26.5

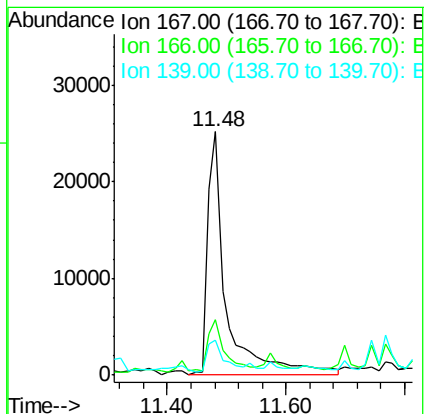
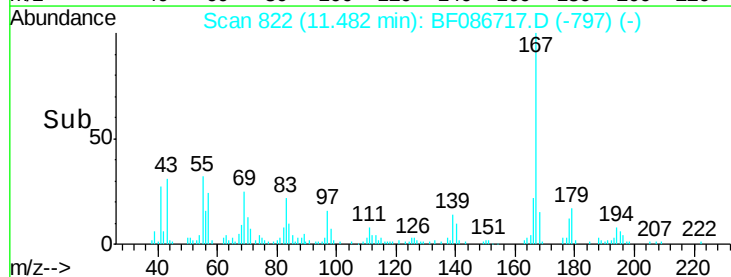
139 14.2 10.8 16.2

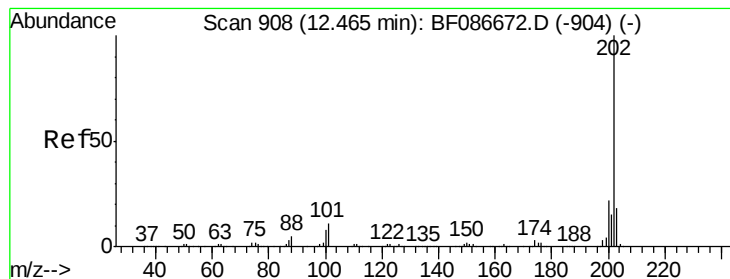


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 53.90 ng

RT: 12.45 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF086717.D

Acq: 5 May 2016 20:48

Instrument :

BNA_F

ClientSampleId :

EUT01-TD-B3(5-9)-C

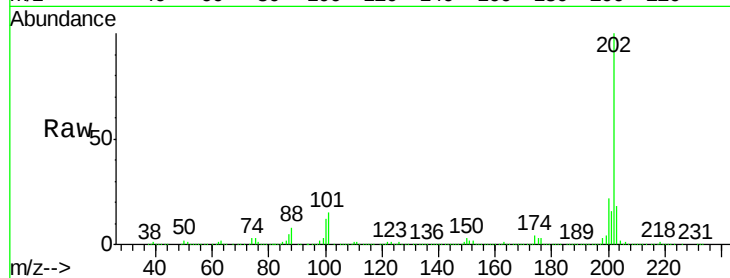
Tgt Ion:202 Resp: 1452944

Ion Ratio Lower Upper

202 100

101 15.2 0.0 35.4

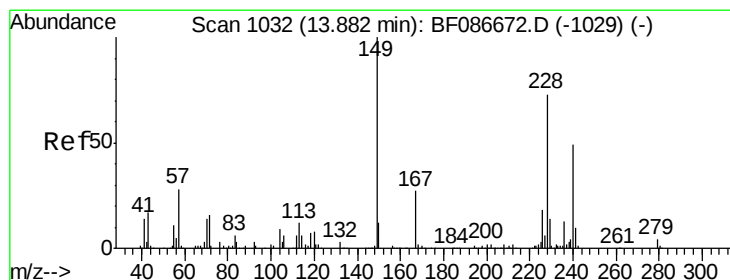
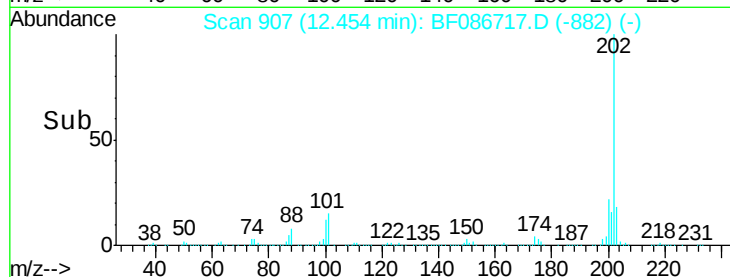
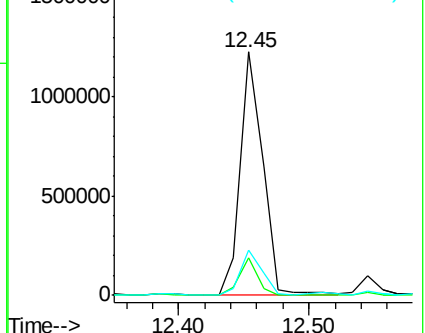
203 18.3 0.0 38.1



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: 40.00 ng

RT: 13.88 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF086717.D

Acq: 5 May 2016 20:48

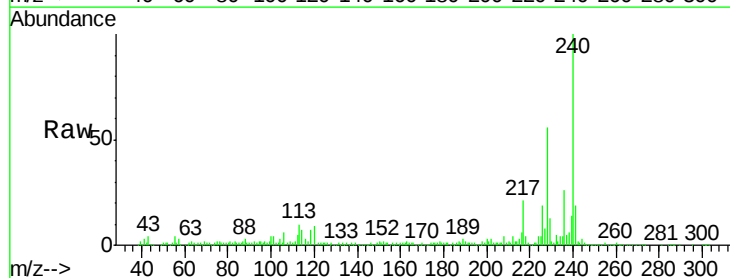
Tgt Ion:240 Resp: 299255

Ion Ratio Lower Upper

240 100

120 8.7 11.2 16.8#

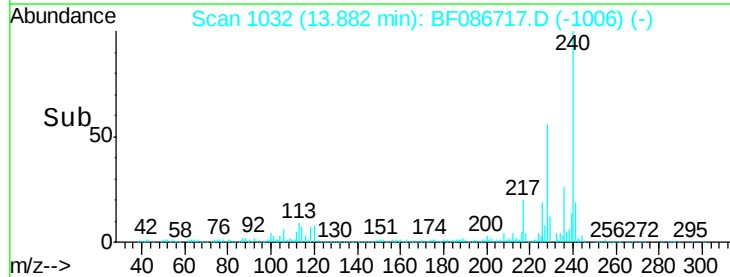
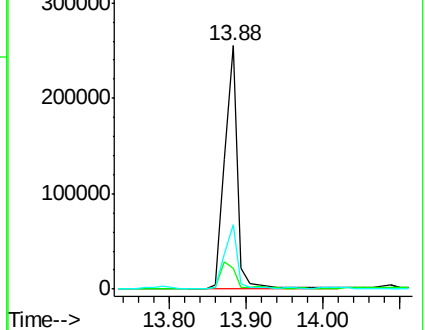
236 26.4 21.2 31.8

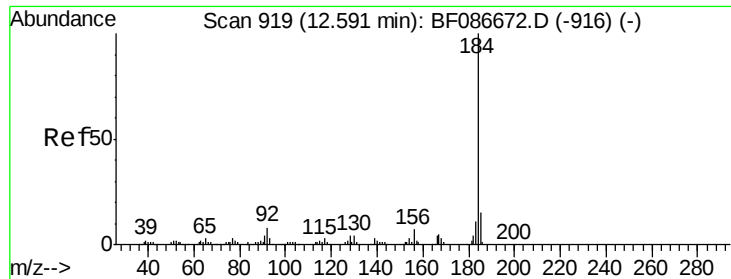


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 7.17 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF086717.D

Acq: 5 May 2016 20:48

Instrument :

BNA_F

ClientSampleId :

EUT01-TD-B3(5-9)-C

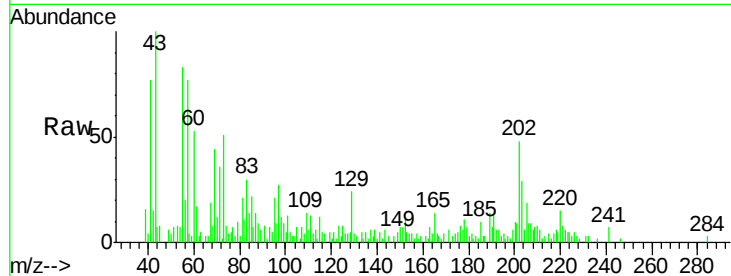
Tgt Ion:184 Resp: 693

Ion Ratio Lower Upper

184 100

185 474.1 13.6 20.4#

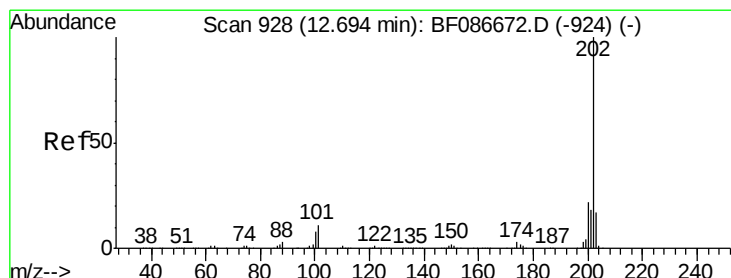
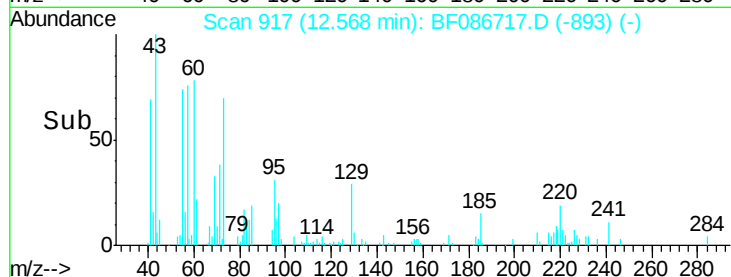
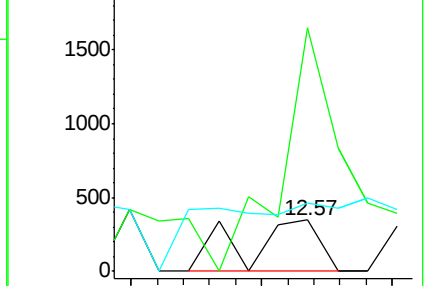
183 133.6 9.8 14.6#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 64.28 ng

RT: 12.68 min Scan# 927

Delta R.T. -0.01 min

Lab File: BF086717.D

Acq: 5 May 2016 20:48

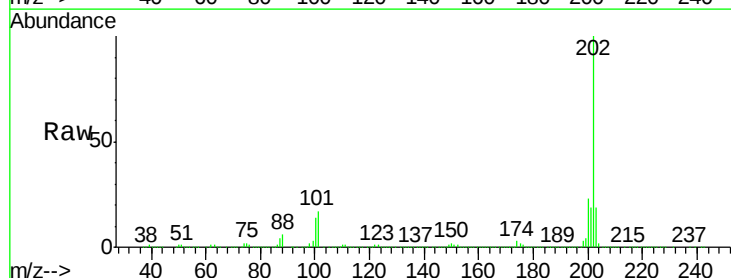
Tgt Ion:202 Resp: 1533501

Ion Ratio Lower Upper

202 100

200 22.6 17.7 26.5

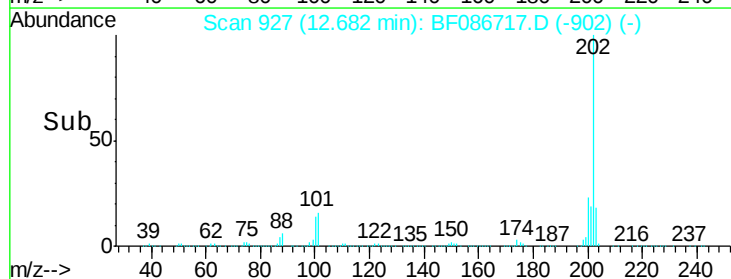
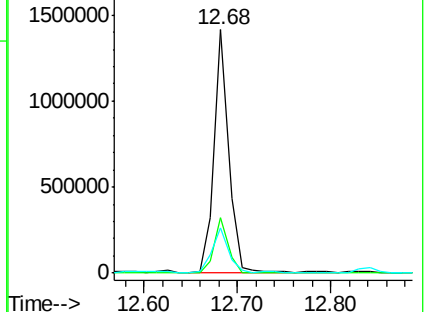
203 18.8 14.2 21.4

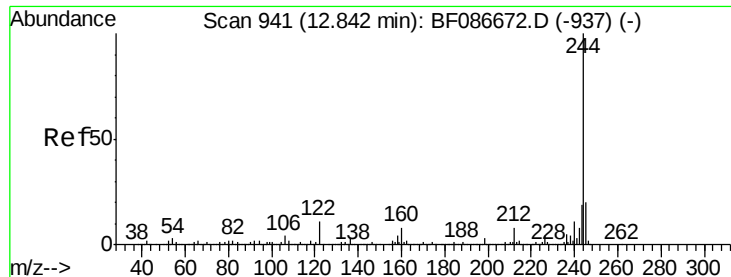


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 64.25 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.01 min

Lab File: BF086717.D

Acq: 5 May 2016 20:48

Instrument :

BNA_F

ClientSampleId :

EUT01-TD-B3(5-9)-C

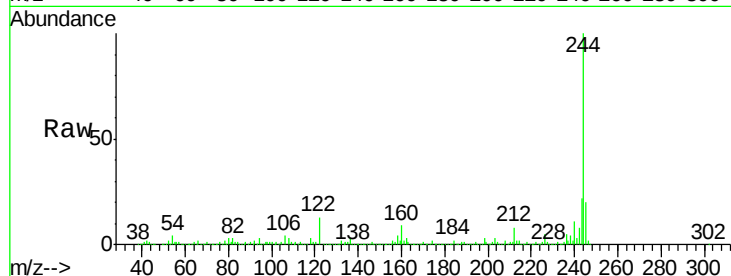
Tgt Ion:244 Resp: 951304

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

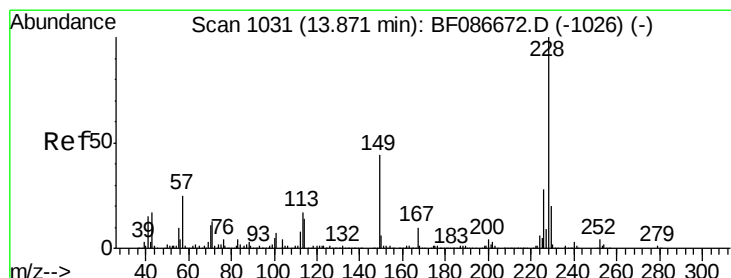
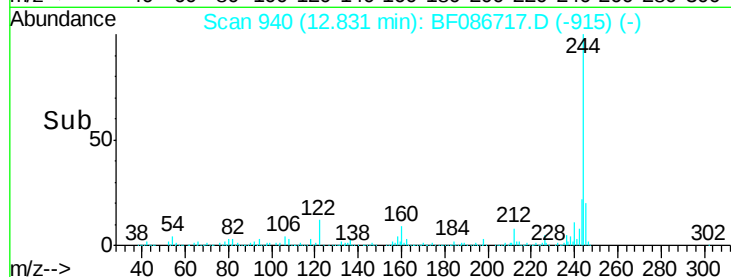
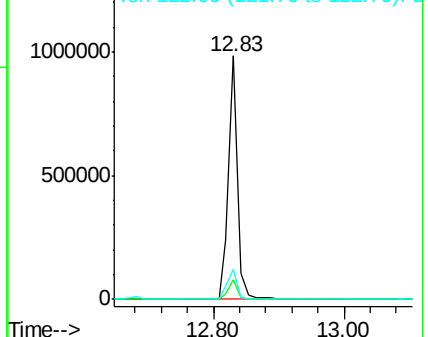
122 12.5 12.0 18.0



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: 45.57 ng

RT: 13.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: BF086717.D

Acq: 5 May 2016 20:48

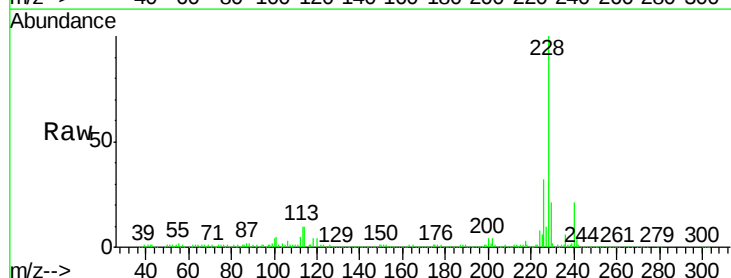
Tgt Ion:228 Resp: 771348

Ion Ratio Lower Upper

228 100

226 32.1 22.5 33.7

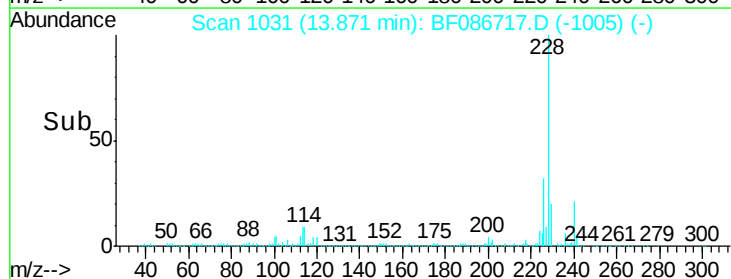
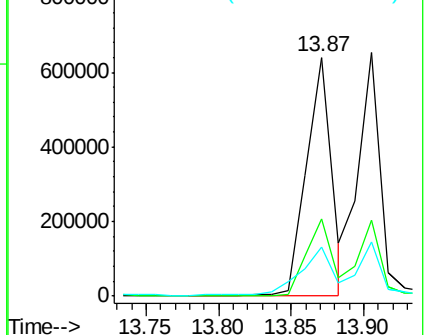
229 20.6 16.6 25.0

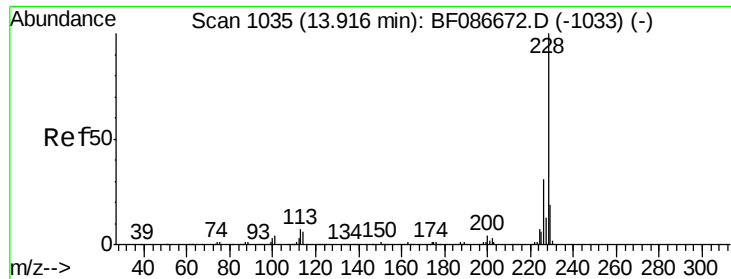


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 42.72 ng

RT: 13.87 min Scan# 1031

Delta R.T. -0.05 min

Lab File: BF086717.D

Acq: 5 May 2016 20:48

Instrument :

BNA_F

ClientSampleId :

EUT01-TD-B3(5-9)-C

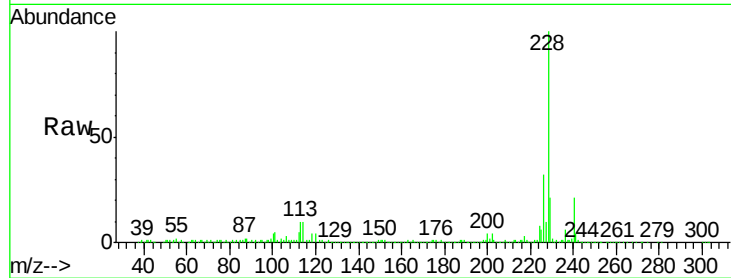
Tgt Ion:228 Resp: 771348

Ion Ratio Lower Upper

228 100

226 32.1 24.4 36.6

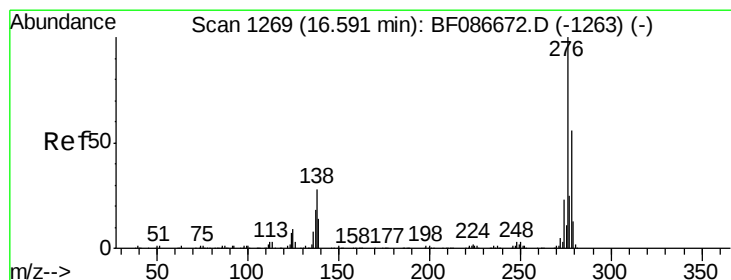
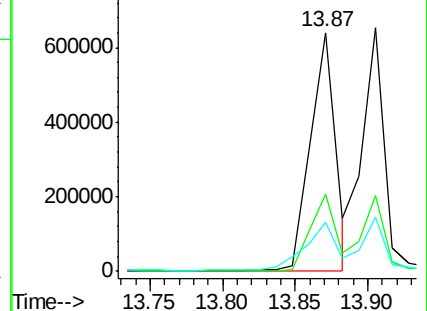
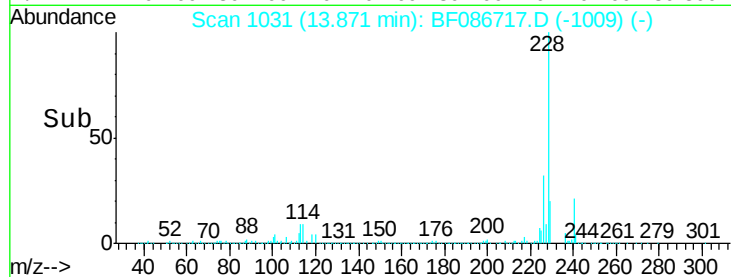
229 20.6 15.8 23.8



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: 5.85 ng

RT: 16.44 min Scan# 1256

Delta R.T. -0.15 min

Lab File: BF086717.D

Acq: 5 May 2016 20:48

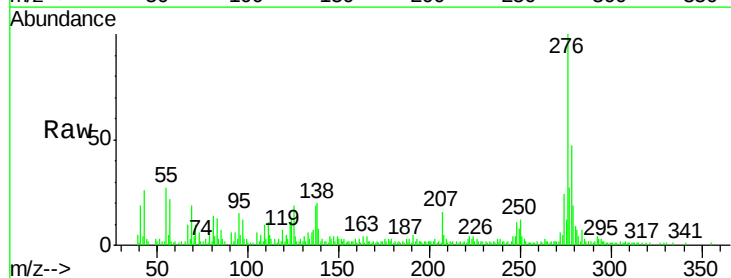
Tgt Ion:276 Resp: 90566

Ion Ratio Lower Upper

276 100

138 28.5 25.6 38.4

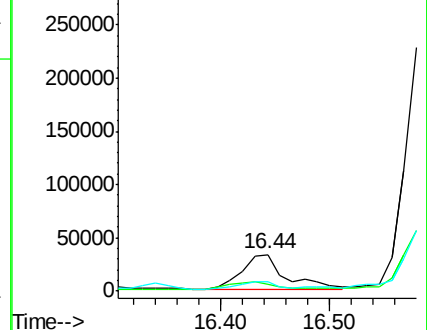
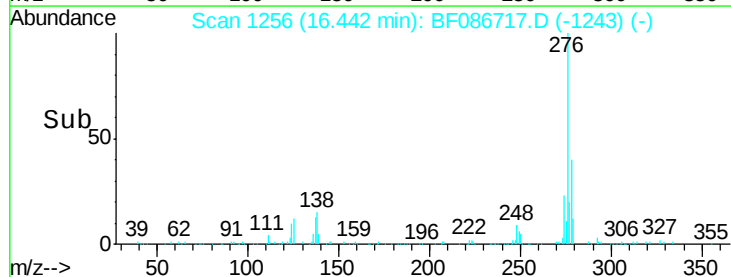
277 21.5 20.5 30.7

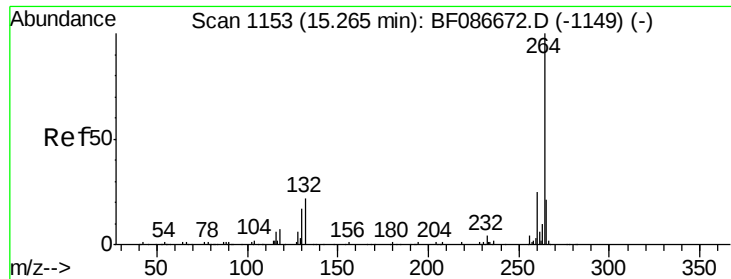


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Perylene-d12

Concen: 40.00 ng

RT: 15.27 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF086717.D

Acq: 5 May 2016 20:48

Instrument :

BNA_F

ClientSampleId :

EUT01-TD-B3(5-9)-C

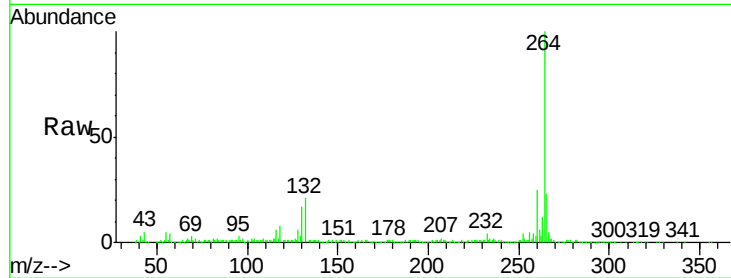
Tgt Ion:264 Resp: 334415

Ion Ratio Lower Upper

264 100

260 24.7 19.5 29.3

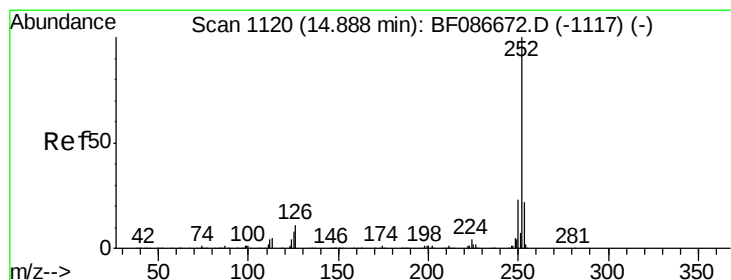
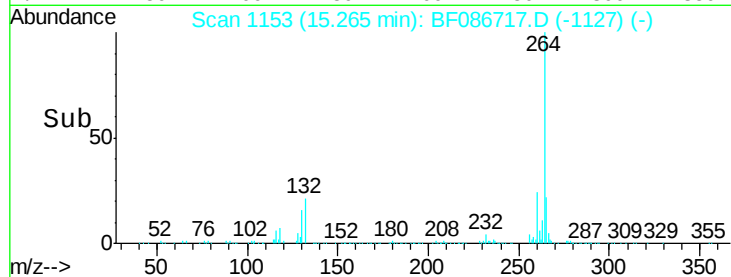
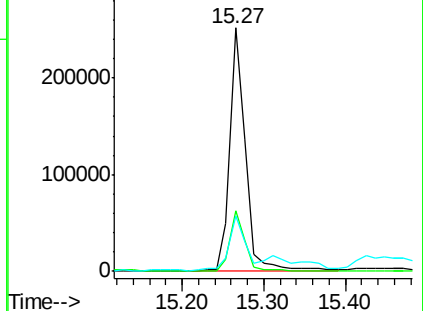
265 22.9 17.3 25.9



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: 63.68 ng

RT: 14.89 min Scan# 1120

Delta R.T. 0.00 min

Lab File: BF086717.D

Acq: 5 May 2016 20:48

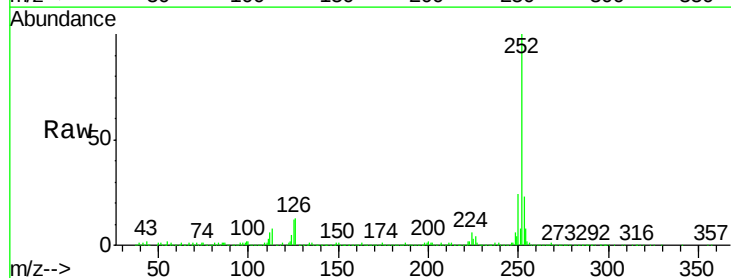
Tgt Ion:252 Resp: 1279575

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

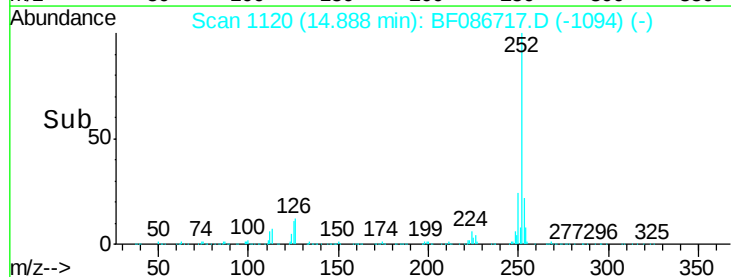
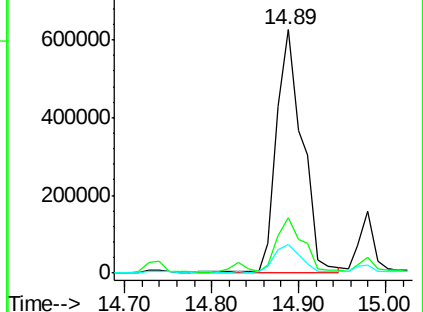
125 11.9 11.4 17.0

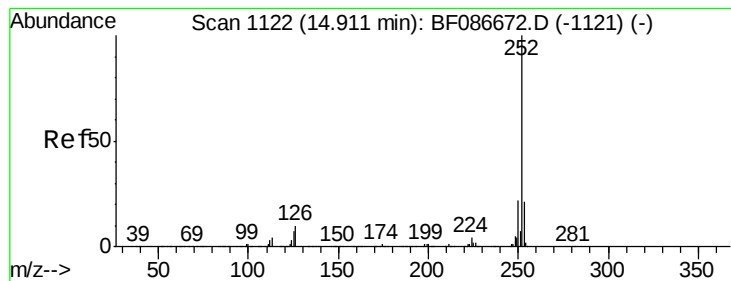


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 67.58 ng

RT: 14.89 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BF086717.D

Acq: 5 May 2016 20:48

Instrument :

BNA_F

ClientSampleId :

EUT01-TD-B3(5-9)-C

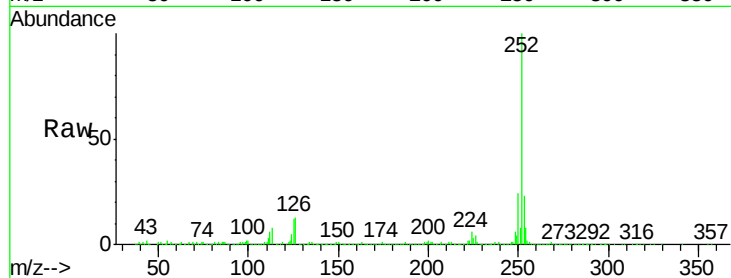
Tgt Ion:252 Resp: 1279575

Ion Ratio Lower Upper

252 100

253 22.7 17.8 26.6

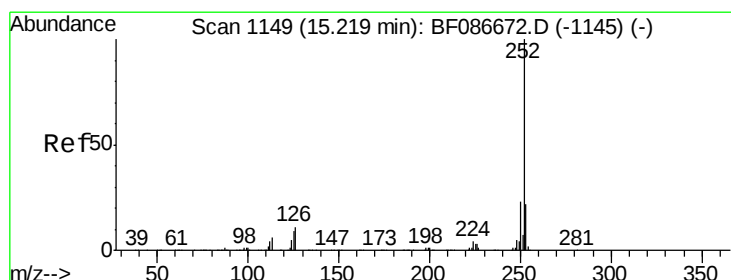
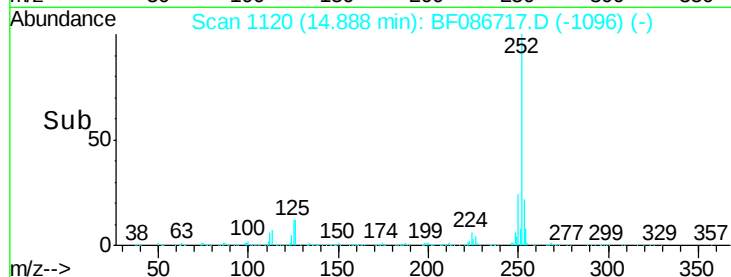
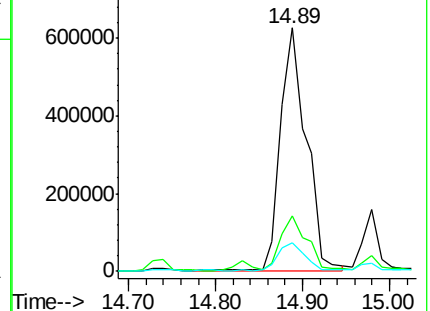
125 11.9 9.1 13.7



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



#89

Benzo(a)pyrene

Concen: 12.32 ng

RT: 15.30 min Scan# 1156

Delta R.T. 0.08 min

Lab File: BF086717.D

Acq: 5 May 2016 20:48

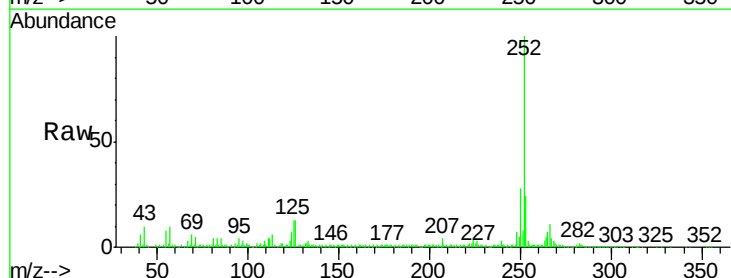
Tgt Ion:252 Resp: 227974

Ion Ratio Lower Upper

252 100

253 23.9 17.2 25.8

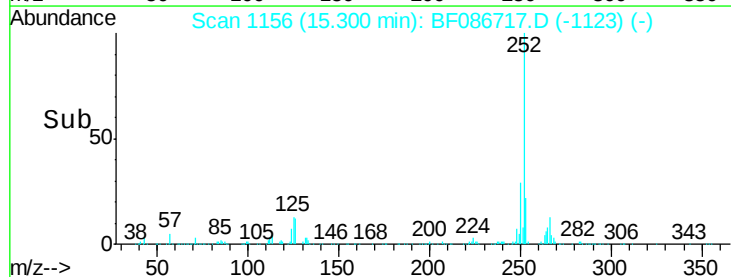
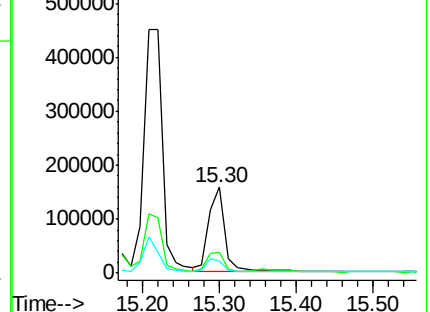
125 13.5 9.0 13.6

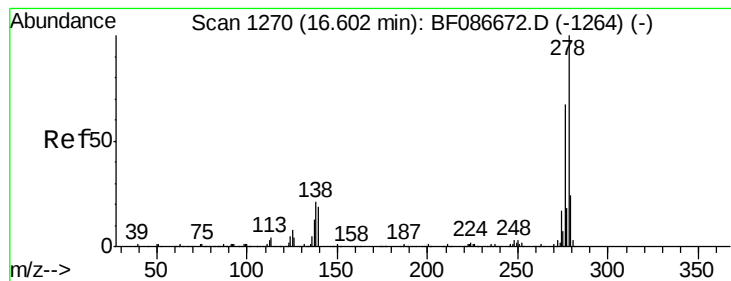


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 6.57 ng

RT: 16.59 min Scan# 1269

Delta R.T. -0.01 min

Lab File: BF086717.D

Acq: 5 May 2016 20:48

Instrument :

BNA_F

ClientSampleId :

EUT01-TD-B3(5-9)-C

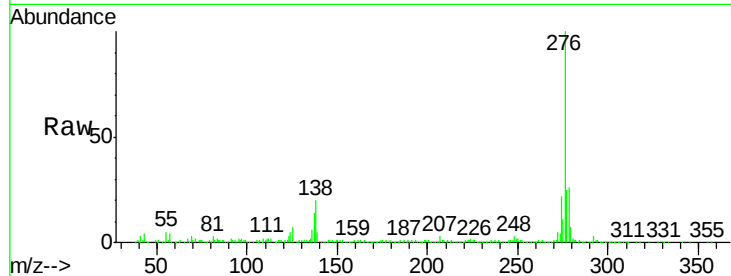
Tgt Ion: 278 Resp: 116785

Ion Ratio Lower Upper

278 100

139 21.0 16.6 24.8

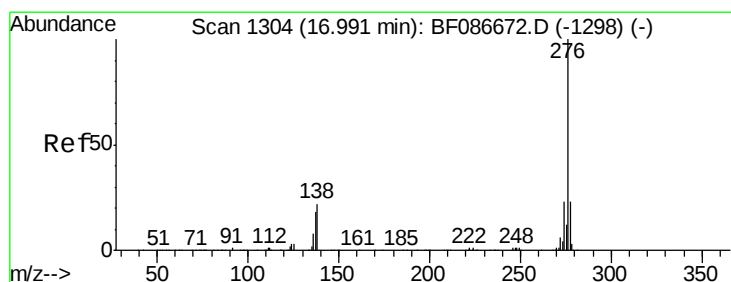
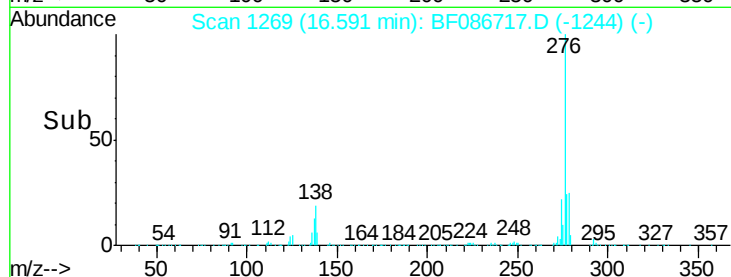
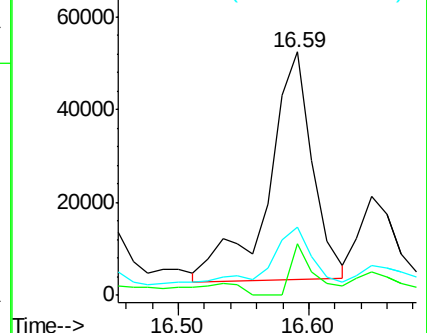
279 28.1 19.6 29.4



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: 23.43 ng

RT: 16.98 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF086717.D

Acq: 5 May 2016 20:48

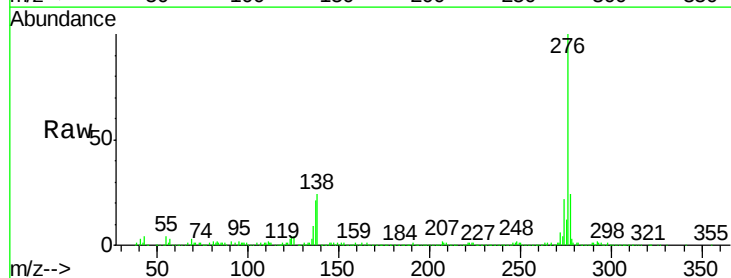
Tgt Ion: 276 Resp: 437321

Ion Ratio Lower Upper

276 100

277 23.7 19.6 29.4

138 23.8 23.6 35.4



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

