

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062616\
 Data File : BF088426.D
 Acq On : 26 Jun 2016 18:57
 Operator : UM/SJ
 Sample : H3663-17 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

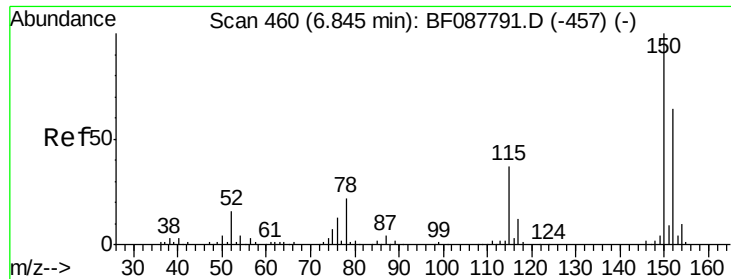
Quant Time: Jun 27 03:56:58 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	76168	20.00	ng	-0.06
21) Naphthalene-d8	7.83	136	309221	20.00	ng	-0.07
38) Acenaphthene-d10	9.58	164	146870	20.00	ng	-0.07
63) Phenanthrene-d10	11.05	188	254918	20.00	ng	-0.07
75) Chrysene-d12	13.68	240	173489	20.00	ng	-0.07
86) Perylene-d12	15.03	264	168271	20.00	ng	-0.08

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.13	112	235192	52.79	ng	-0.05
7) Phenol-d6	6.22	99	303100	56.13	ng	-0.05
23) Nitrobenzene-d5	7.12	82	184007	34.75	ng	-0.06
41) 2,4,6-Tribromophenol	10.36	330	67129	43.29	ng	-0.07
44) 2-Fluorobiphenyl	8.91	172	331897	32.05	ng	-0.06
78) Terphenyl-d14	12.63	244	245584	32.21	ng	-0.07

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.23	94	1301	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.12	70	22213	6.43	ng	71
25) Isophorone	7.12	82	189080	19.28	ng	65
45) 1,1'-Biphenyl	9.02	154	5031	Below Cal		96
49) Dimethylphthalate	9.31	163	52768	4.96	ng	99
50) 2,6-Dinitrotoluene	9.58	165	19601	8.04	ng	# 40
51) Acenaphthene	9.61	154	20227	2.14	ng	96
54) Dibenzofuran	9.78	168	31290	2.41	ng	# 88
55) 4-Nitrophenol	9.78	139	12010	5.50	ng	# 5
56) 2,4-Dinitrotoluene	9.58	165	19601	6.26	ng	# 38
57) Fluorene	10.12	166	15541	Below Cal		99
70) Phenanthrene	11.07	178	348134	26.03	ng	99
71) Anthracene	11.13	178	107957	8.00	ng	98
72) Carbazole	11.30	167	39609	3.14	ng	97
74) Fluoranthene	12.26	202	486394	34.46	ng	94
77) Pyrene	12.48	202	344116	26.73	ng	99
80) Benzo(a)anthracene	13.67	228	230404	23.31	ng	99
82) Chrysene	13.70	228	382545	41.13	ng	97
85) Indeno(1,2,3-cd)pyrene	16.25	276	174521	20.20	ng	# 100
87) Benzo(b)fluoranthene	14.67	252	628383	53.58	ng	# 95
88) Benzo(k)fluoranthene	14.67	252	628383	71.03	ng	99
89) Benzo(a)pyrene	14.93	252	233454	24.60	ng	99
90) Dibenzo(a,h)anthracene	16.40	278	25597	2.90	ng	95
91) Benzo(g,h,i)perylene	16.62	276	163854	18.07	ng	98

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

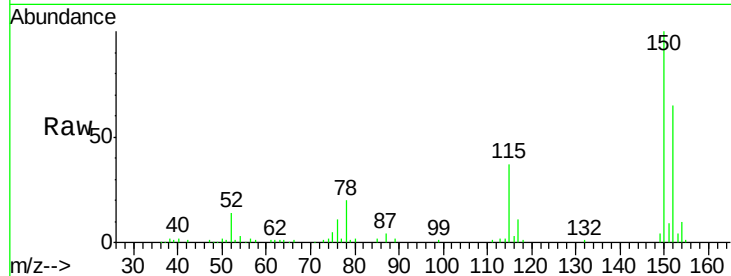


#1

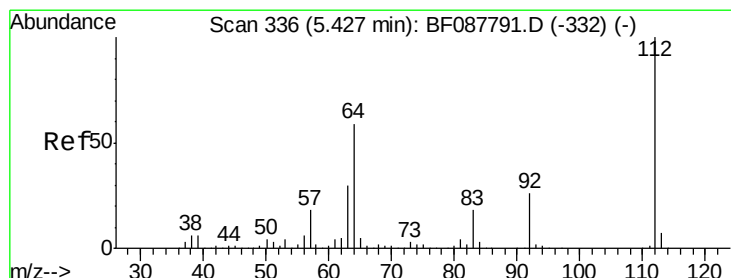
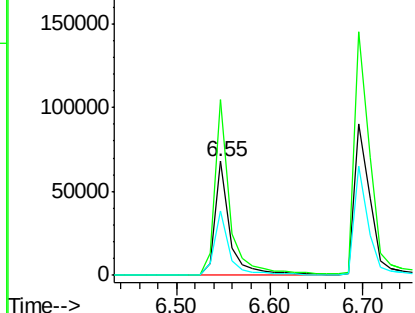
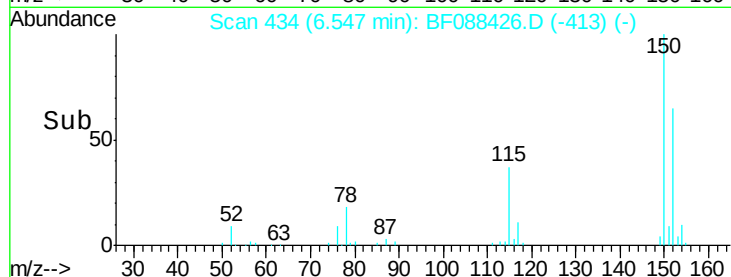
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.06 min
Lab File: BF088426.D
Acq: 26 Jun 2016 18:57

Instrument :
BNA_F
ClientSampleId :
TP-10

Tot Ion:152 Resp: 76168
Ion Ratio Lower Upper
152 100
150 154.8 123.8 185.6
115 56.6 39.6 59.4



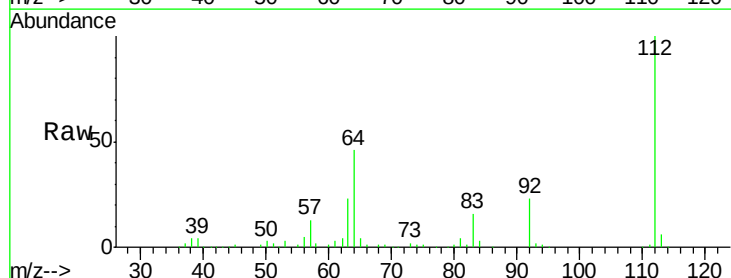
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



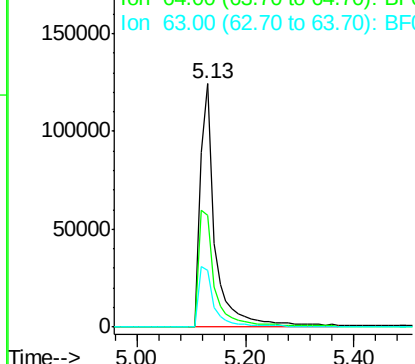
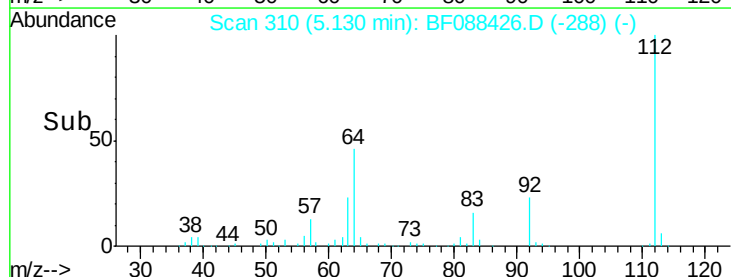
#5

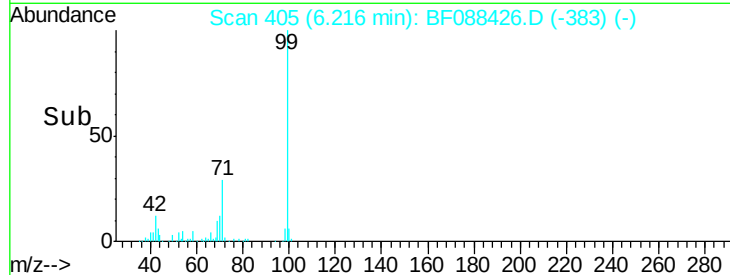
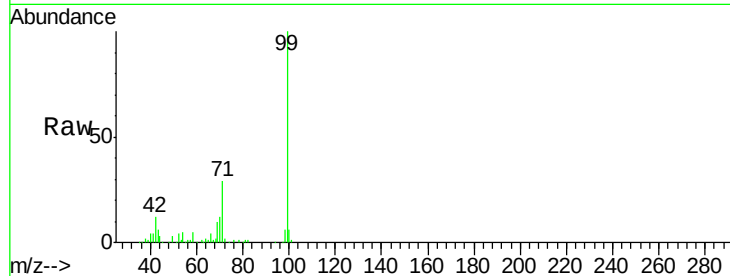
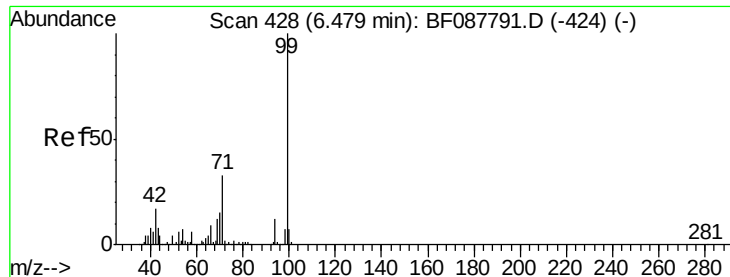
2-Fluorophenol
Concen: 52.79 ng
RT: 5.13 min Scan# 310
Delta R.T. -0.05 min
Lab File: BF088426.D
Acq: 26 Jun 2016 18:57

Tgt Ion:112 Resp: 235192
Ion Ratio Lower Upper
112 100
64 46.2 42.2 63.2
63 23.2 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

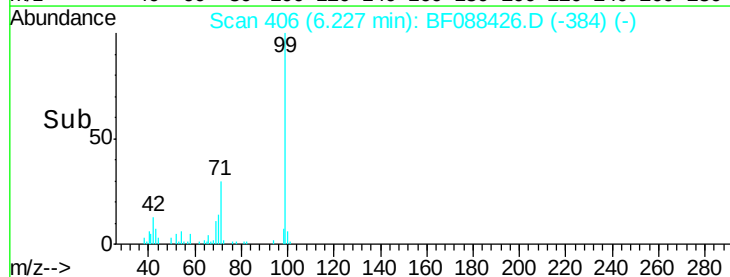
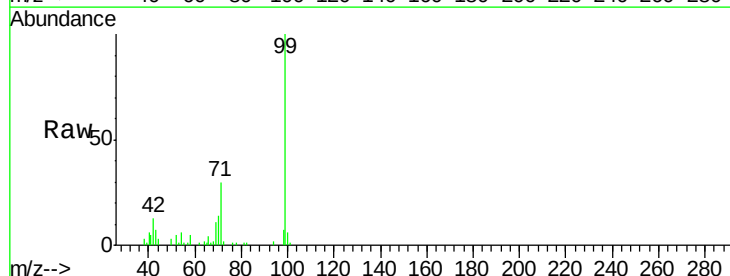
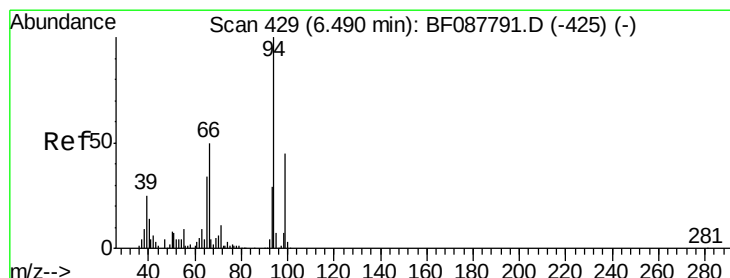
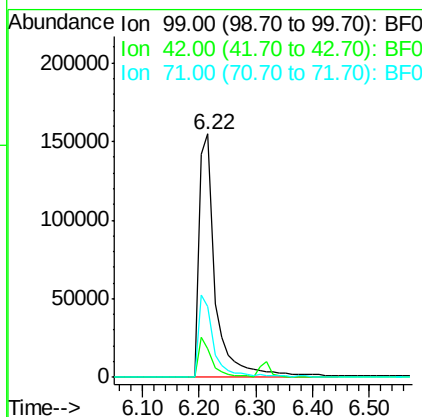




#7
Phenol-d6
Concen: 56.13 ng
RT: 6.22 min Scan# 405
Delta R.T. -0.05 min
Lab File: BF088426.D
Acq: 26 Jun 2016 18:57

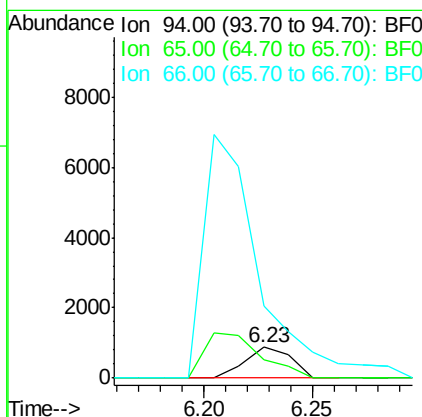
Instrument :
BNA_F
ClientSampleId :
TP-10

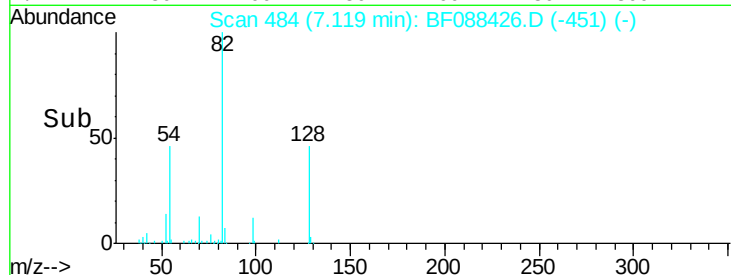
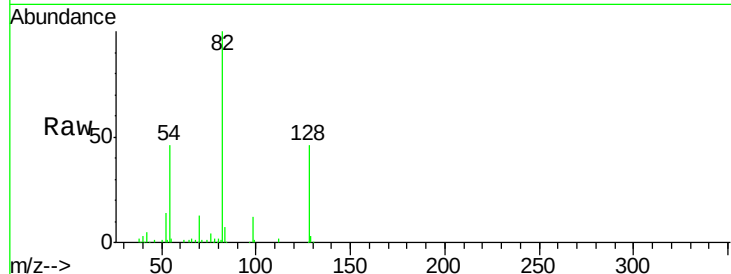
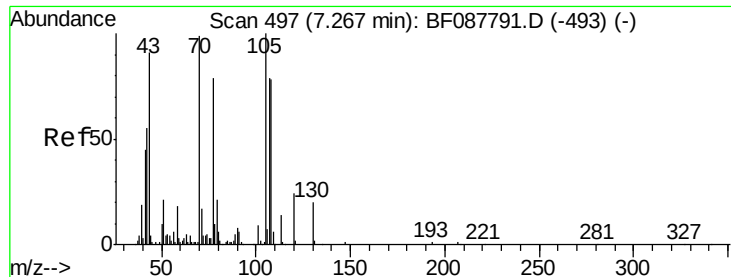
Tot Ion: 99 Resp: 303100
Ion Ratio Lower Upper
99 100
42 11.7 12.2 18.2#
71 28.8 23.4 35.0



#10
Phenol
Concen: Below Cal
RT: 6.23 min Scan# 406
Delta R.T. -0.05 min
Lab File: BF088426.D
Acq: 26 Jun 2016 18:57

Tgt Ion: 94 Resp: 1301
Ion Ratio Lower Upper
94 100
65 59.9 5.9 45.9#
66 233.1 14.0 54.0#

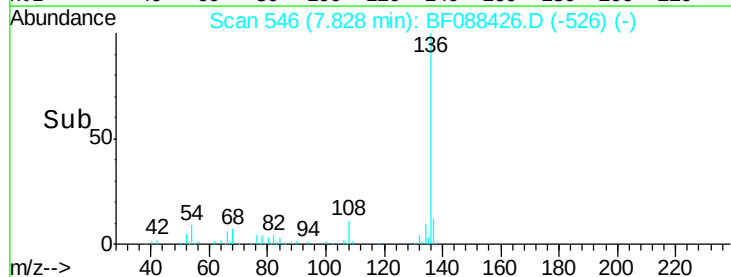
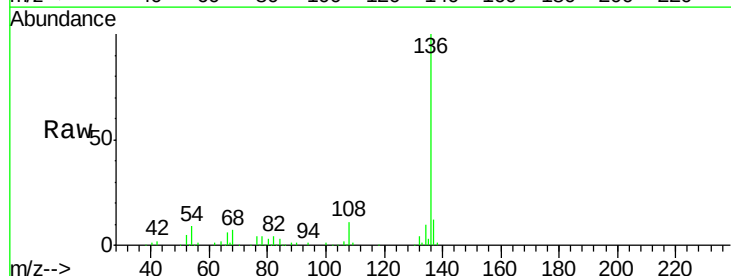
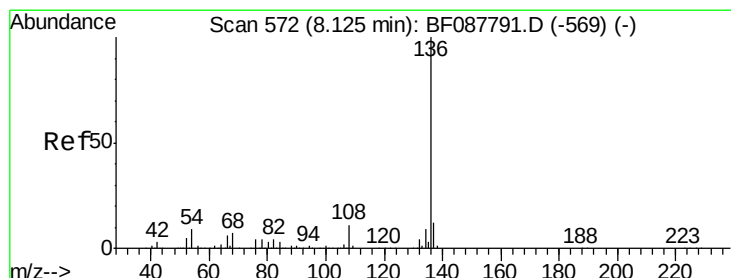
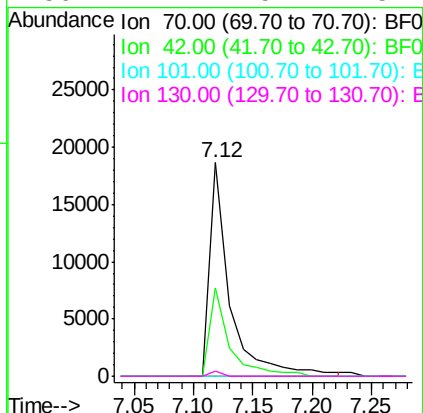




#19
n-Nitroso-di-n-propylamine
Concen: 6.43 ng
RT: 7.12 min Scan# 484
Delta R.T. 0.08 min
Lab File: BF088426.D
Acq: 26 Jun 2016 18:57

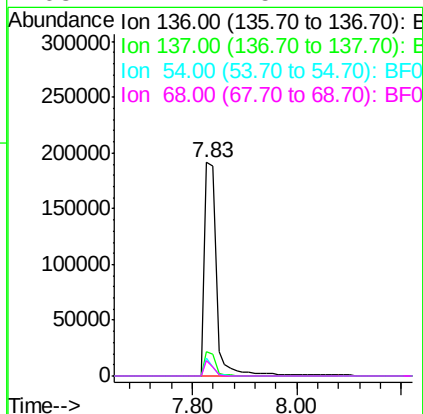
Instrument :
BNA_F
ClientSampleId :
TP-10

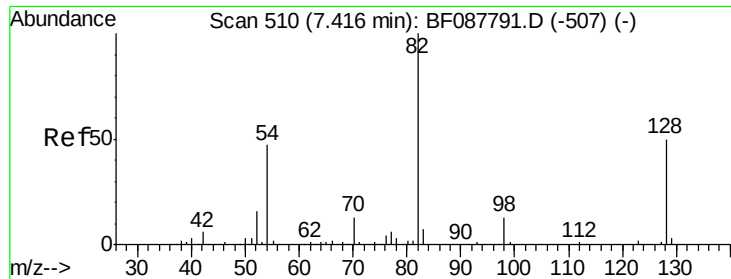
Tot Ion:	70	Resp:	22213
Ion	Ratio	Lower	Upper
70	100		
42	41.2	49.6	74.4#
101	0.0	7.1	10.7#
130	2.4	15.4	23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.83 min Scan# 546
Delta R.T. -0.07 min
Lab File: BF088426.D
Acq: 26 Jun 2016 18:57

Tgt Ion:	136	Resp:	309221
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	8.6	6.6	10.0
68	7.2	5.1	7.7

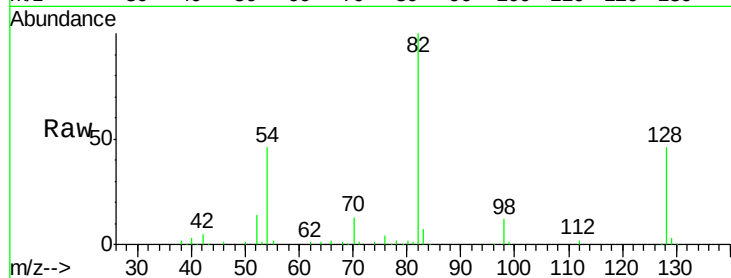




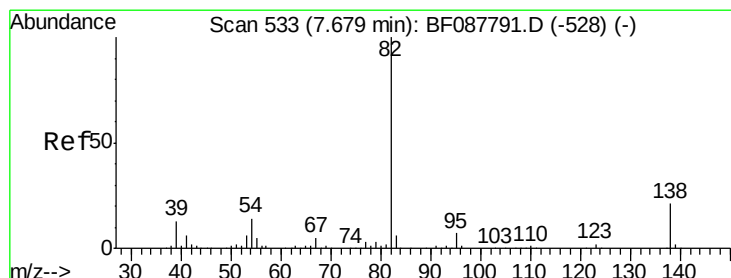
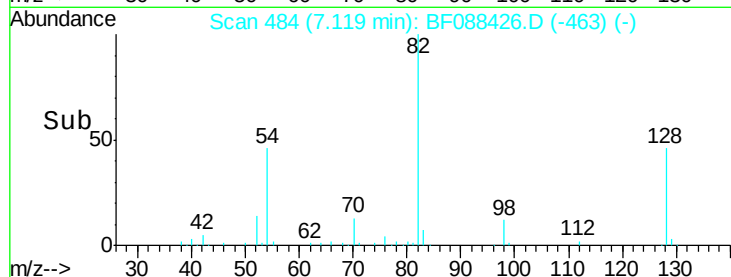
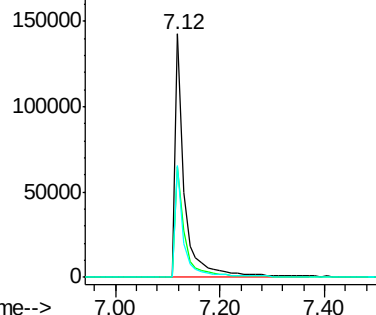
#23
Nitrobenzene-d5
Concen: 34.75 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.06 min
Lab File: BF088426.D
Acq: 26 Jun 2016 18:57

Instrument :
BNA_F
ClientSampleId :
TP-10

Tot Ion: 82 Resp: 184007
Ion Ratio Lower Upper
82 100
128 45.5 35.9 53.9
54 45.9 40.9 61.3

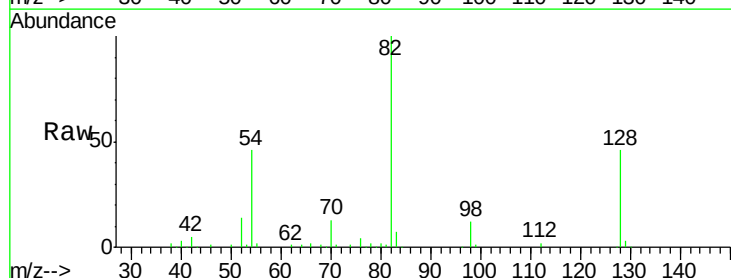


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

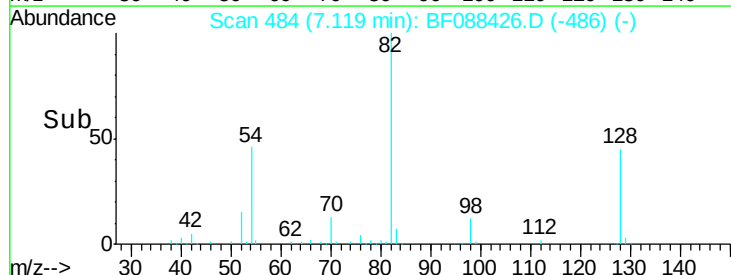
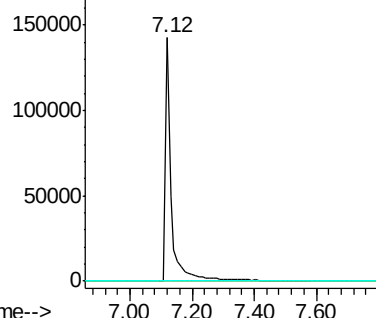


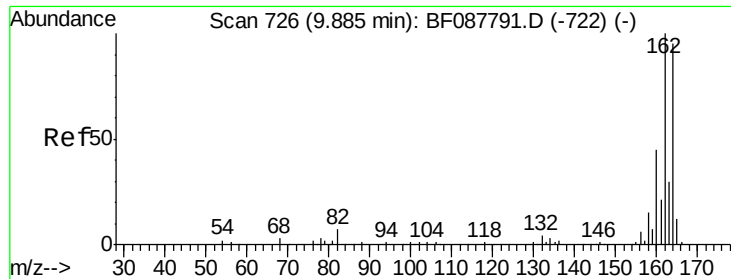
#25
Isophorone
Concen: 19.28 ng
RT: 7.12 min Scan# 484
Delta R.T. -0.32 min
Lab File: BF088426.D
Acq: 26 Jun 2016 18:57

Tgt Ion: 82 Resp: 189080
Ion Ratio Lower Upper
82 100
95 0.0 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

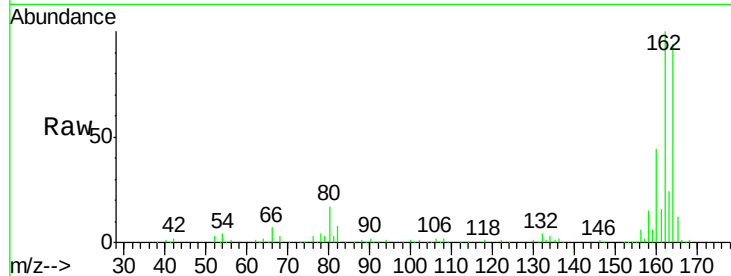




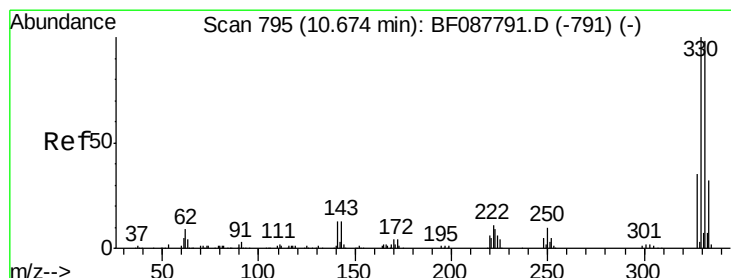
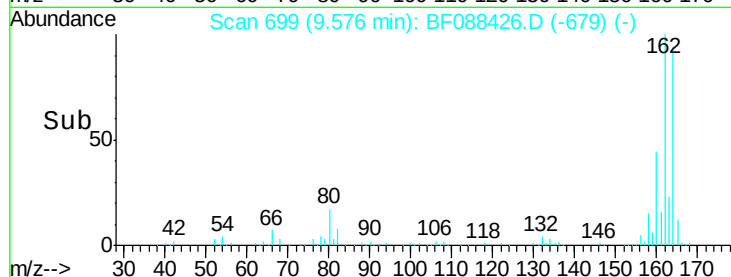
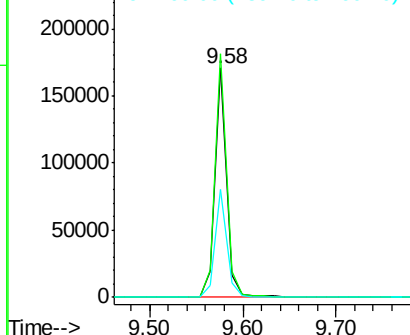
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 699
Delta R.T. -0.07 min
Lab File: BF088426.D
Acq: 26 Jun 2016 18:57

Instrument :
BNA_F
ClientSampleId :
TP-10

Tot Ion:164 Resp: 146870
Ion Ratio Lower Upper
164 100
162 106.3 85.4 128.2
160 47.0 39.5 59.3

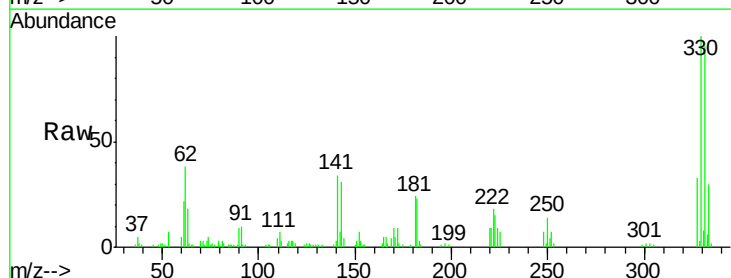


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

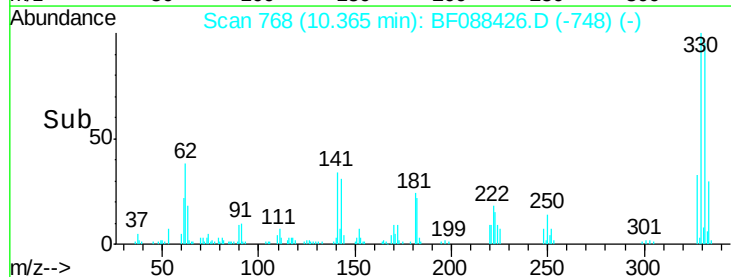
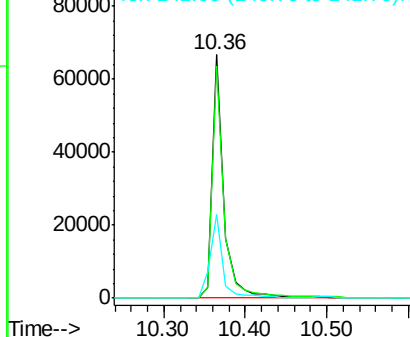


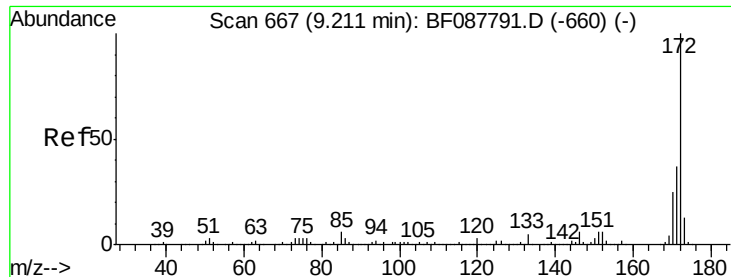
#41
2,4,6-Tribromophenol
Concen: 43.29 ng
RT: 10.36 min Scan# 768
Delta R.T. -0.07 min
Lab File: BF088426.D
Acq: 26 Jun 2016 18:57

Tgt Ion:330 Resp: 67129
Ion Ratio Lower Upper
330 100
332 97.0 0.0 0.0#
141 37.8 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

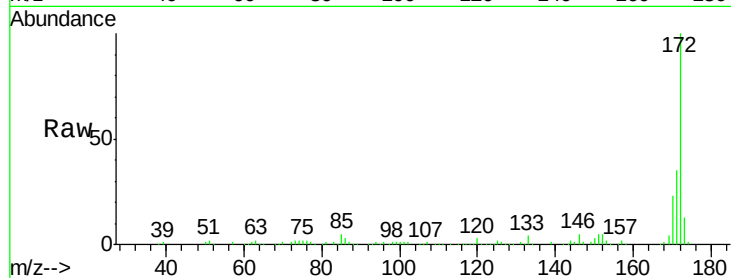




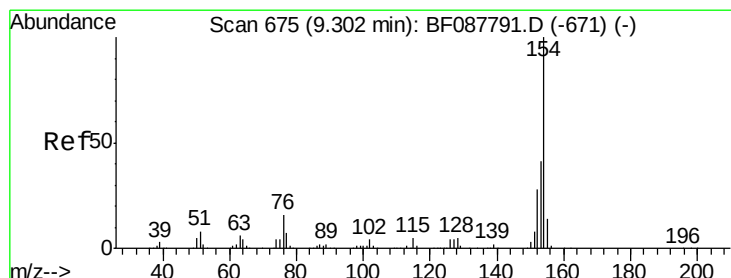
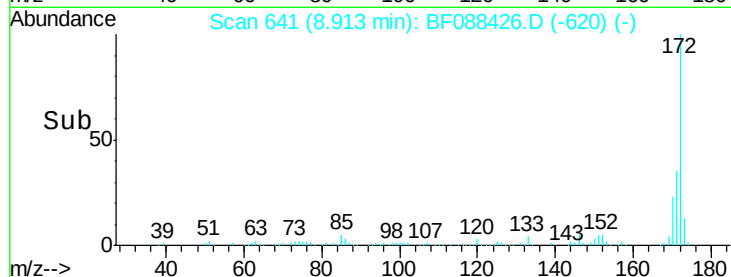
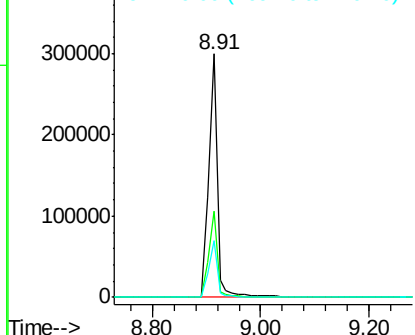
#44
 2-Fluorobiphenyl
 Concen: 32.05 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.06 min
 Lab File: BF088426.D
 Acq: 26 Jun 2016 18:57

Instrument :
 BNA_F
 ClientSampleId :
 TP-10

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.6	43.0
170	23.4	19.2	28.8

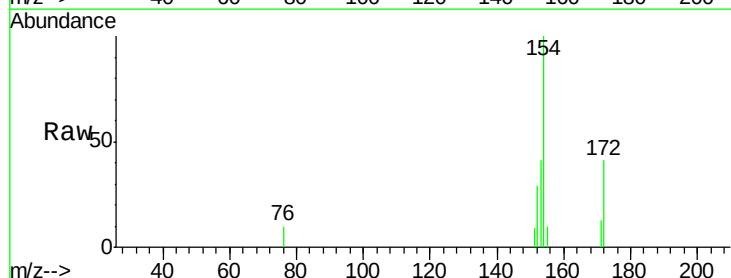


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

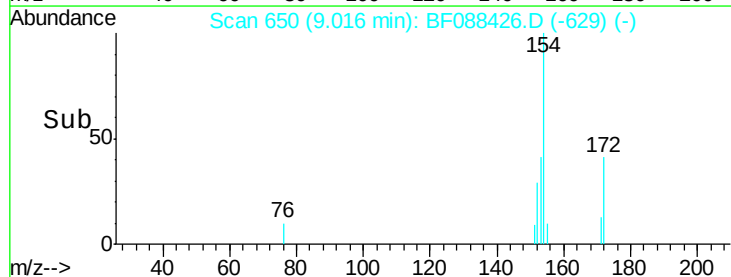
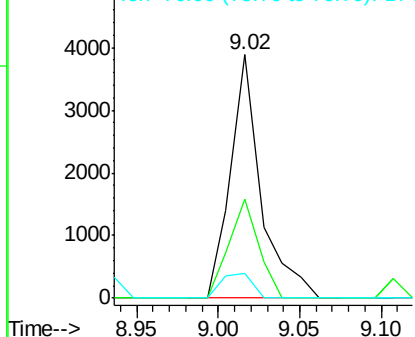


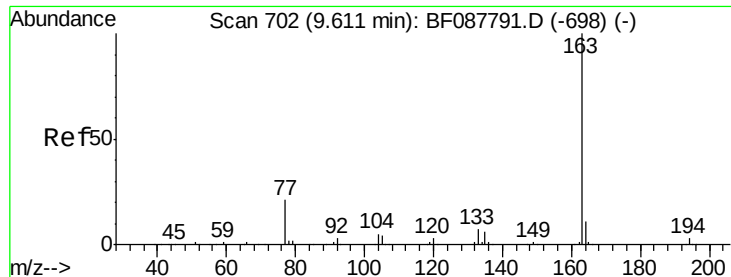
#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 9.02 min Scan# 650
 Delta R.T. -0.06 min
 Lab File: BF088426.D
 Acq: 26 Jun 2016 18:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.6	60.6
76	10.0	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: 4.96 ng

RT: 9.31 min Scan# 676

Delta R.T. -0.07 min

Lab File: BF088426.D

Acq: 26 Jun 2016 18:57

Instrument :

BNA_F

ClientSampleId :

TP-10

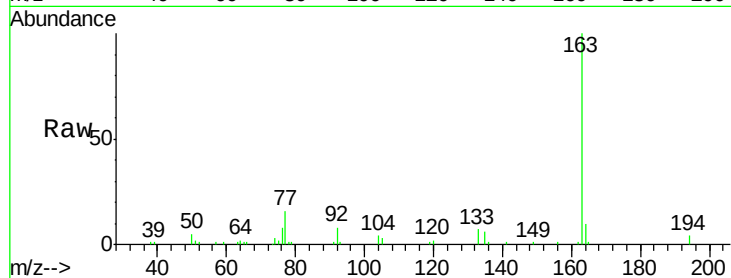
Tot Ion:163 Resp: 52768

Ion Ratio Lower Upper

163 100

194 3.5 2.8 4.2

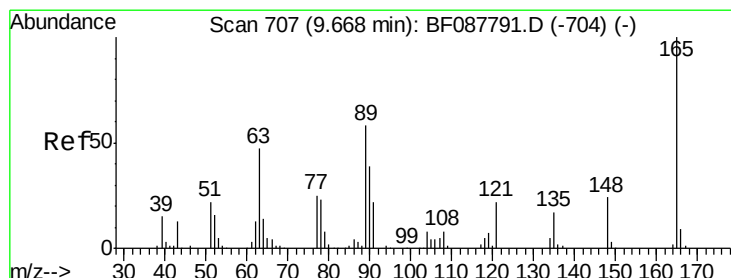
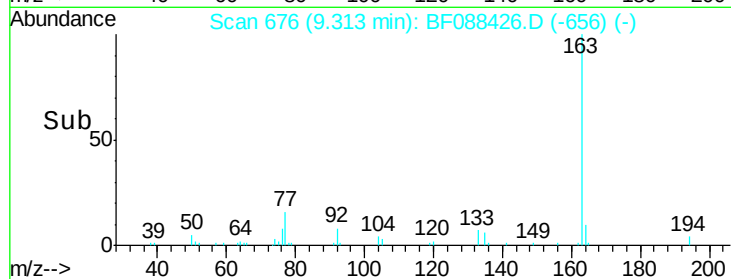
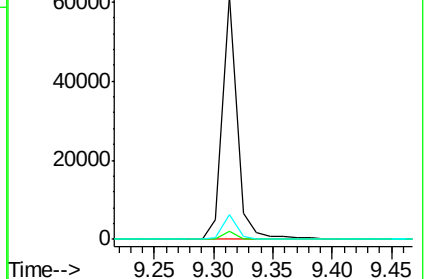
164 9.9 8.3 12.5



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



#50

2,6-Dinitrotoluene

Concen: 8.04 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.13 min

Lab File: BF088426.D

Acq: 26 Jun 2016 18:57

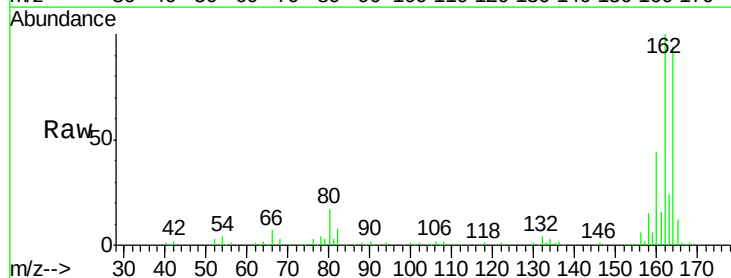
Tgt Ion:165 Resp: 19601

Ion Ratio Lower Upper

165 100

63 1.4 28.1 42.1#

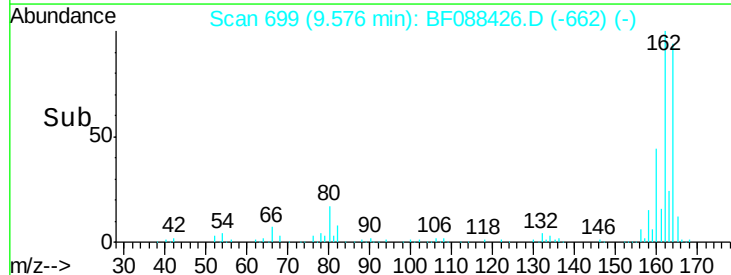
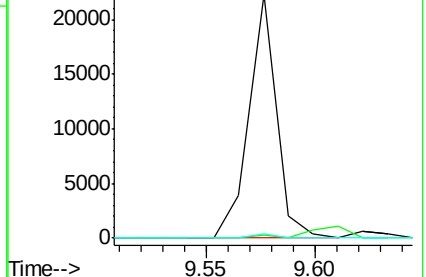
89 1.5 32.2 48.2#

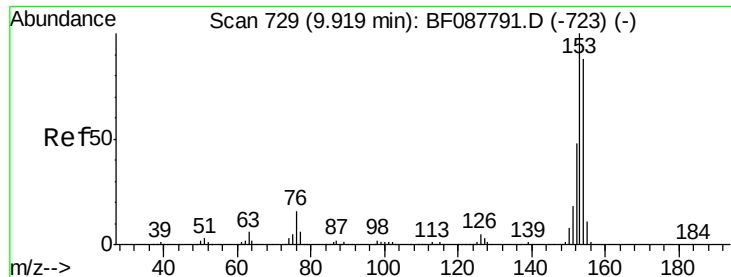


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 2.14 ng

RT: 9.61 min Scan# 702

Delta R.T. -0.07 min

Lab File: BF088426.D

Acq: 26 Jun 2016 18:57

Instrument :

BNA_F

ClientSampleId :

TP-10

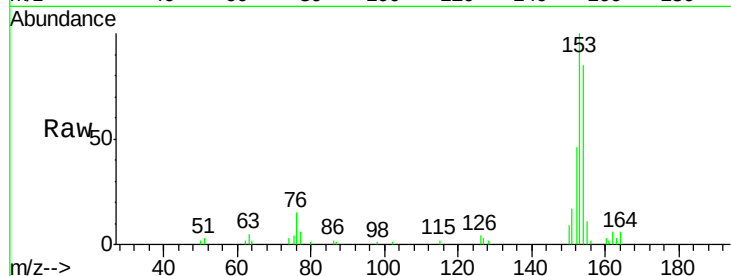
Tot Ion:154 Resp: 20227

Ion Ratio Lower Upper

154 100

153 117.2 89.5 134.3

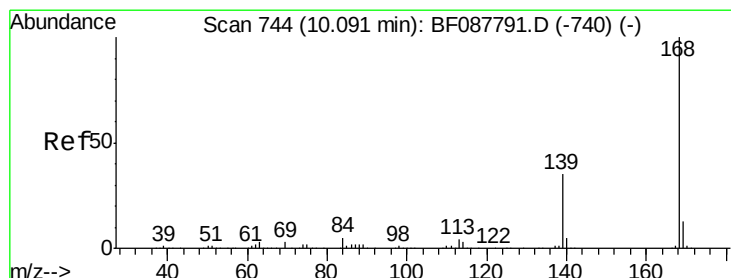
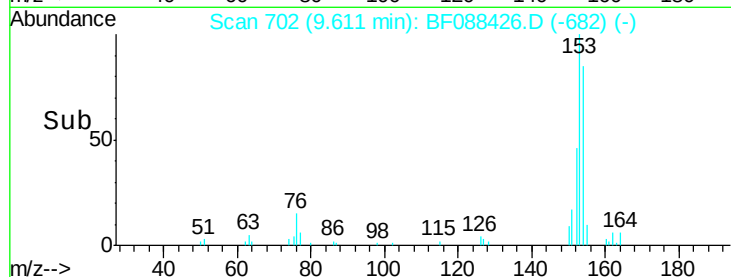
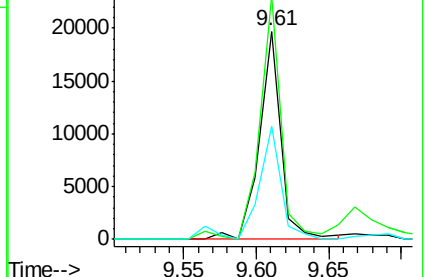
152 54.2 42.7 64.1



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: 2.41 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.07 min

Lab File: BF088426.D

Acq: 26 Jun 2016 18:57

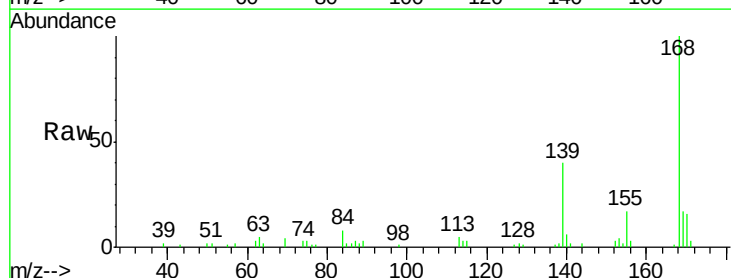
Tgt Ion:168 Resp: 31290

Ion Ratio Lower Upper

168 100

139 40.3 26.4 39.6#

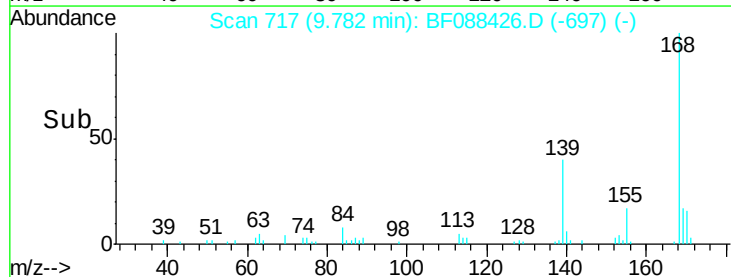
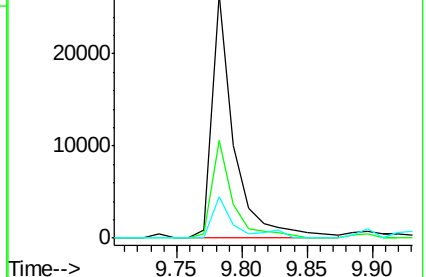
169 17.1 10.4 15.6#

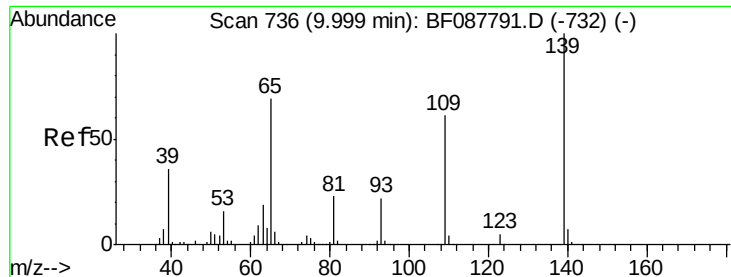


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 5.50 ng

RT: 9.78 min Scan# 717

Delta R.T. -0.02 min

Lab File: BF088426.D

Acq: 26 Jun 2016 18:57

Instrument :

BNA_F

ClientSampleId :

TP-10

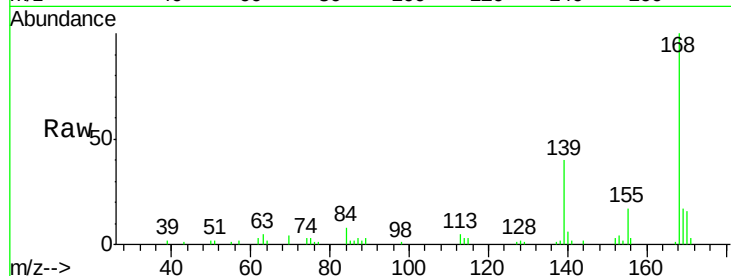
Tot Ion:139 Resp: 12010

Ion Ratio Lower Upper

139 100

109 0.0 48.9 88.9#

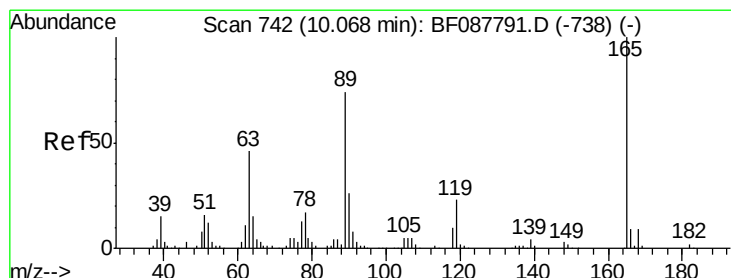
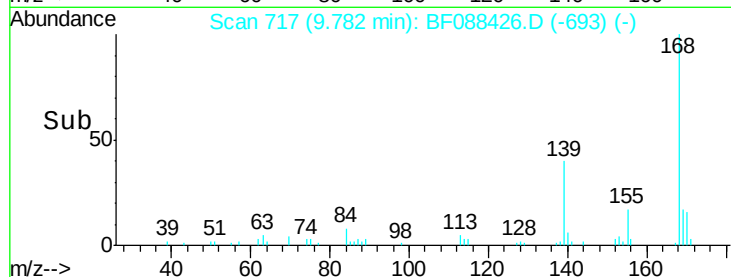
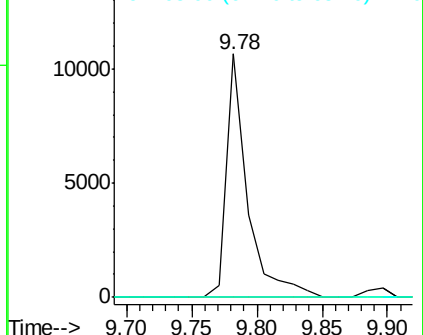
65 0.0 84.9 124.9#



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: 6.26 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.27 min

Lab File: BF088426.D

Acq: 26 Jun 2016 18:57

Tgt Ion:165 Resp: 19601

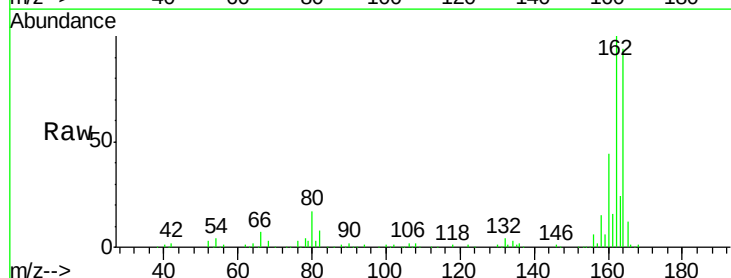
Ion Ratio Lower Upper

165 100

63 1.4 22.0 33.0#

89 1.5 41.1 61.7#

182 0.0 2.0 3.0#

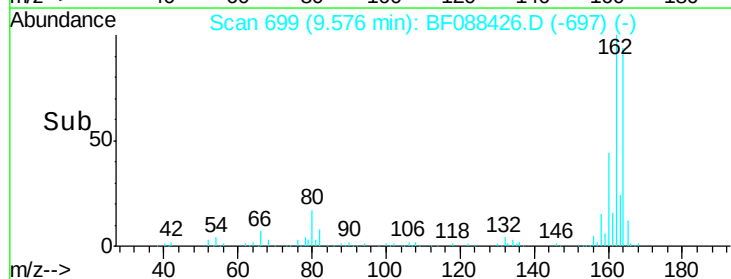
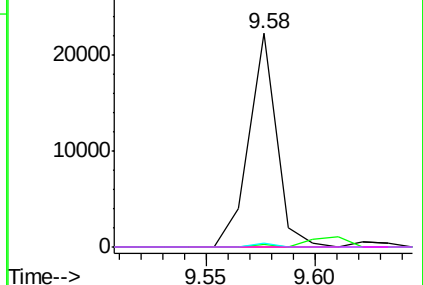


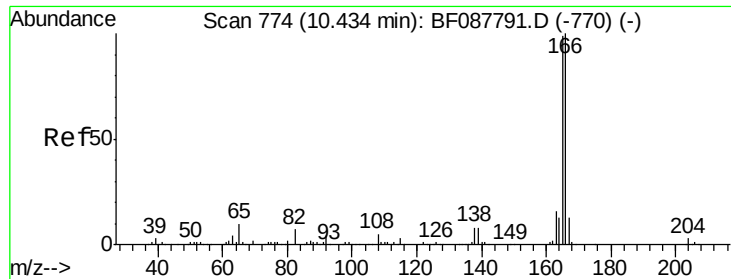
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: Below Cal

RT: 10.12 min Scan# 747

Delta R.T. -0.07 min

Lab File: BF088426.D

Acq: 26 Jun 2016 18:57

Instrument :

BNA_F

ClientSampleId :

TP-10

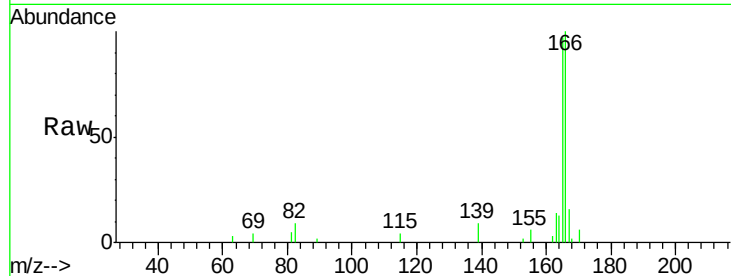
Tot Ion:166 Resp: 15541

Ion Ratio Lower Upper

166 100

165 96.8 77.8 116.8

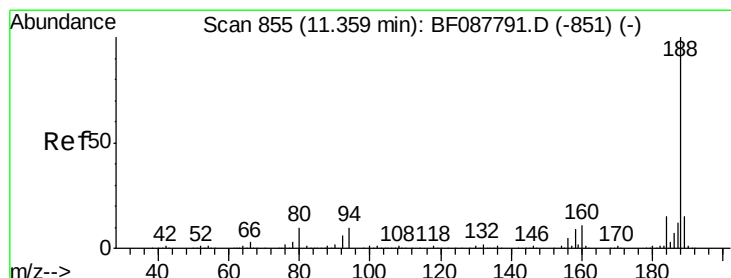
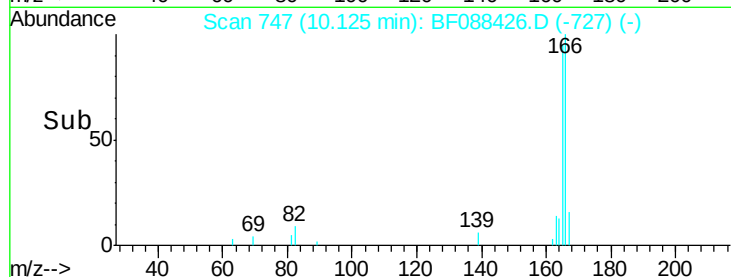
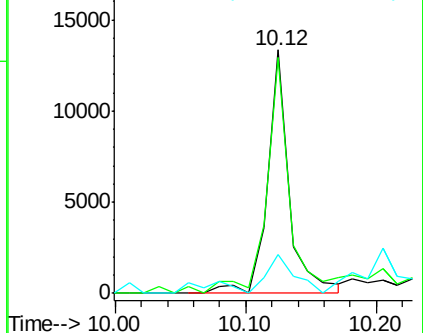
167 15.8 11.2 16.8



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: 11.05 min Scan# 828

Delta R.T. -0.07 min

Lab File: BF088426.D

Acq: 26 Jun 2016 18:57

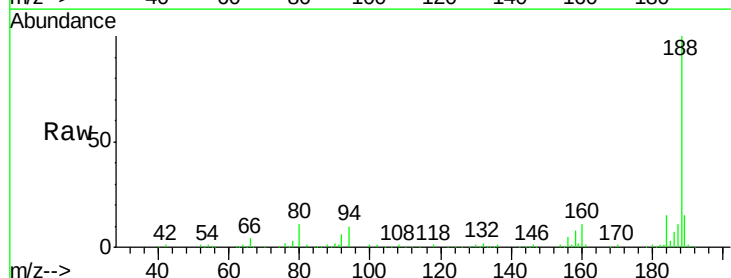
Tgt Ion:188 Resp: 254918

Ion Ratio Lower Upper

188 100

94 10.2 9.0 13.6

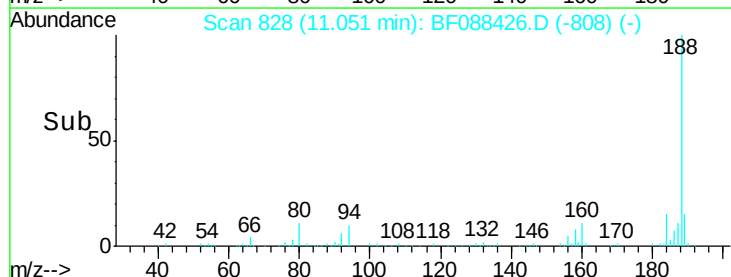
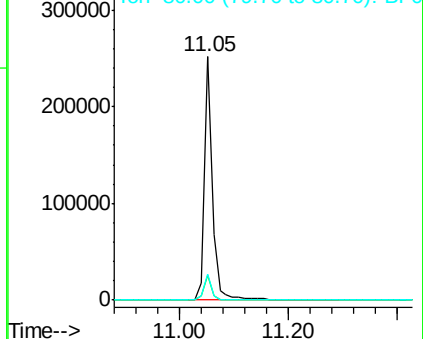
80 10.8 10.0 15.0

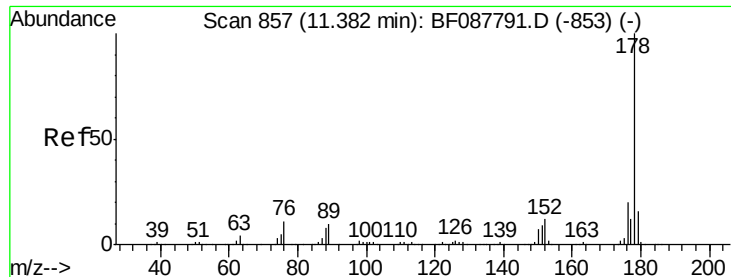


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 26.03 ng

RT: 11.07 min Scan# 830

Delta R.T. -0.07 min

Lab File: BF088426.D

Acq: 26 Jun 2016 18:57

Instrument :

BNA_F

ClientSampleId :

TP-10

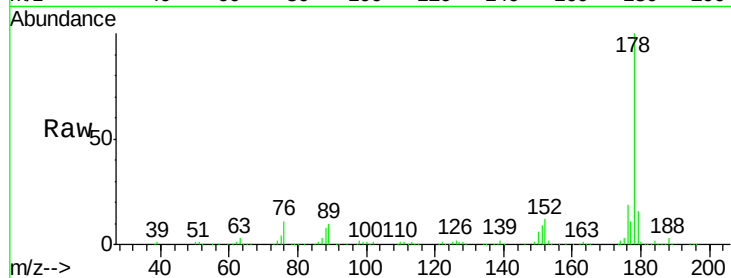
Tot Ion:178 Resp: 348134

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.6

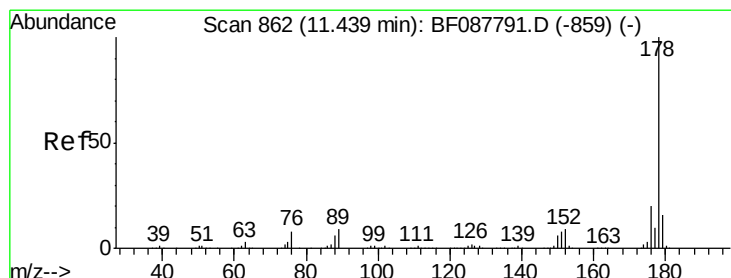
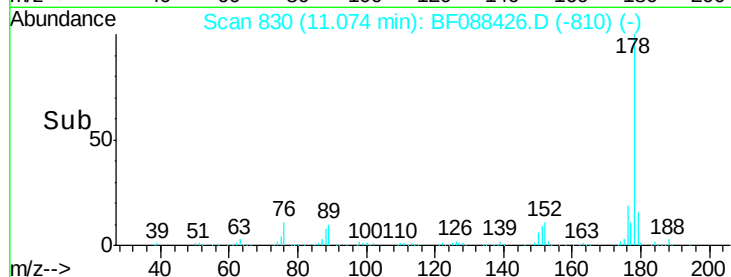
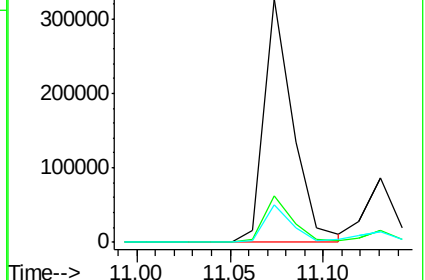
179 15.6 13.0 19.4



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: 8.00 ng

RT: 11.13 min Scan# 835

Delta R.T. -0.07 min

Lab File: BF088426.D

Acq: 26 Jun 2016 18:57

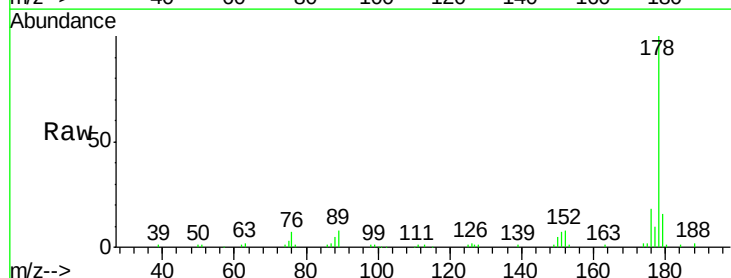
Tgt Ion:178 Resp: 107957

Ion Ratio Lower Upper

178 100

176 17.9 15.6 23.4

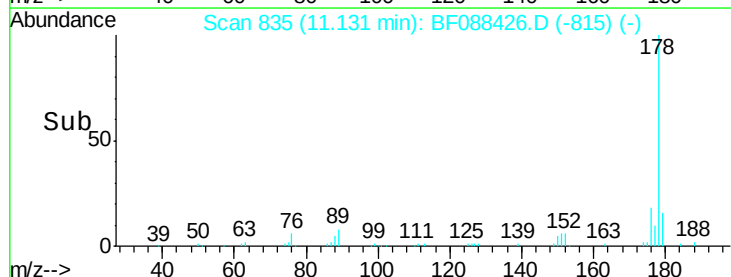
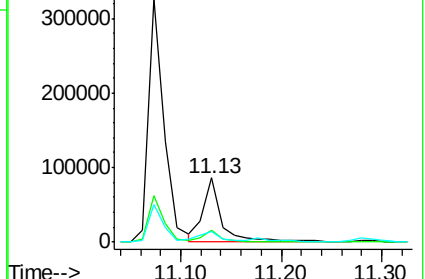
179 16.3 12.8 19.2

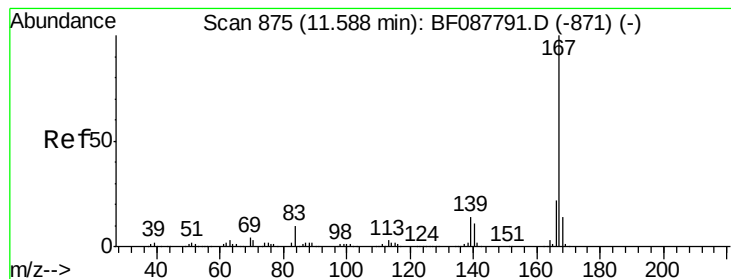


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.14 ng

RT: 11.30 min Scan# 850

Delta R.T. -0.06 min

Lab File: BF088426.D

Acq: 26 Jun 2016 18:57

Instrument :

BNA_F

ClientSampled :

TP-10

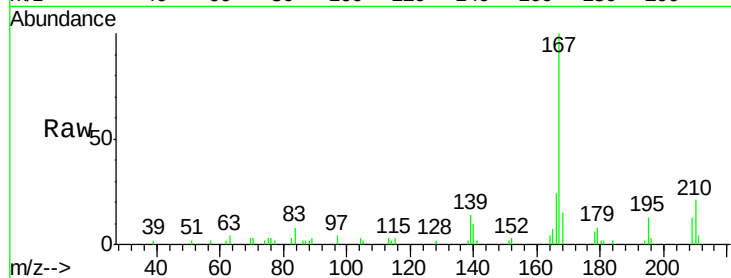
Tot Ion:167 Resp: 39609

Ion Ratio Lower Upper

167 100

166 24.1 17.8 26.6

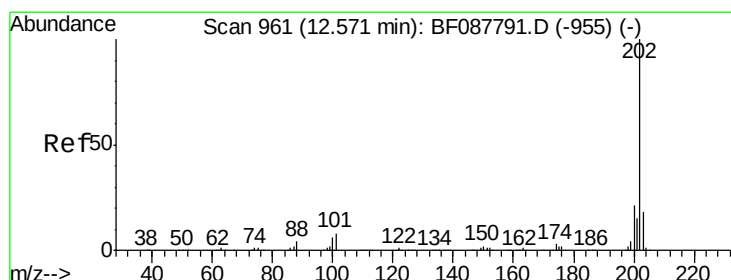
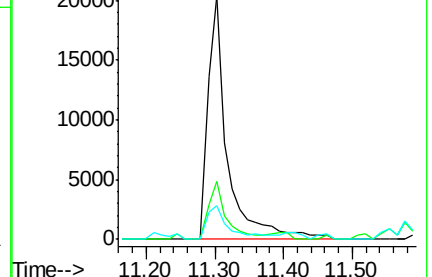
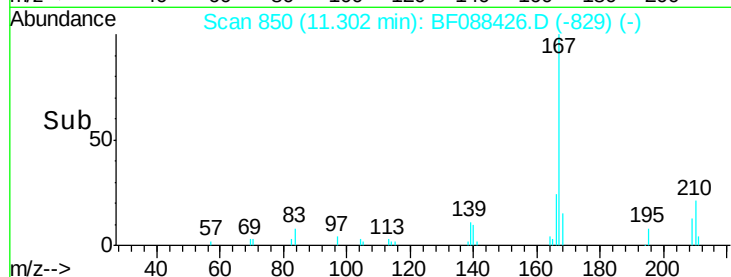
139 13.7 11.2 16.8



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: 34.46 ng

RT: 12.26 min Scan# 934

Delta R.T. -0.06 min

Lab File: BF088426.D

Acq: 26 Jun 2016 18:57

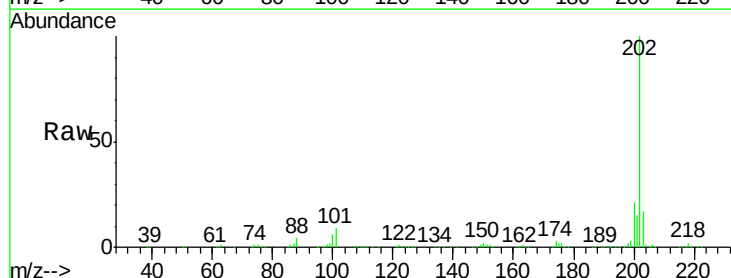
Tgt Ion:202 Resp: 486394

Ion Ratio Lower Upper

202 100

101 9.1 0.0 33.1

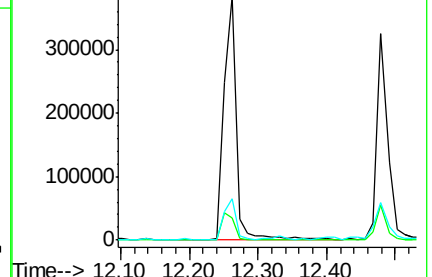
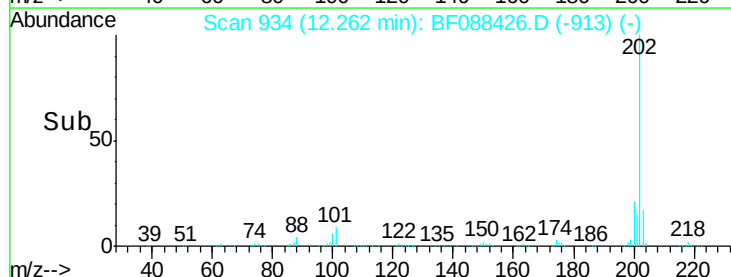
203 17.1 0.0 38.1

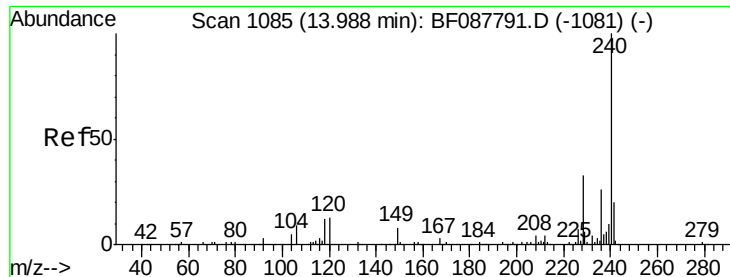


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.68 min Scan# 1058

Delta R.T. -0.07 min

Lab File: BF088426.D

Acq: 26 Jun 2016 18:57

Instrument :

BNA_F

ClientSampled :

TP-10

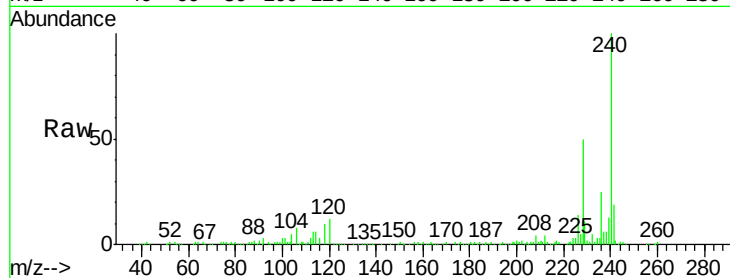
Tot Ion:240 Resp: 173489

Ion Ratio Lower Upper

240 100

120 11.9 6.8 10.2#

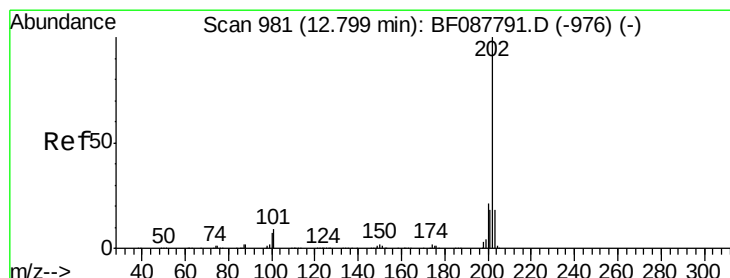
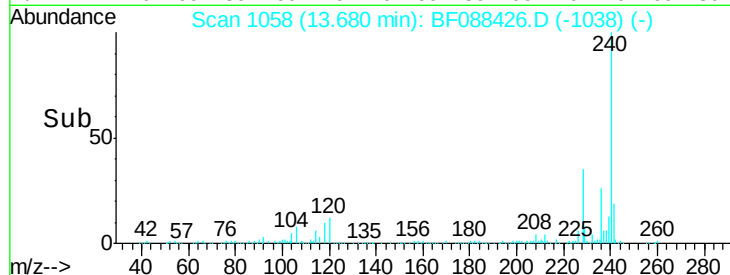
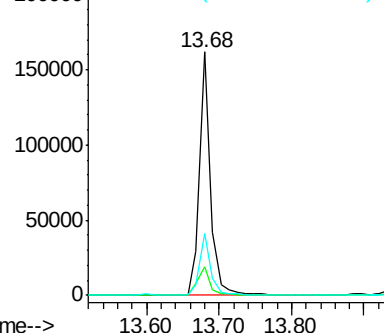
236 25.5 20.2 30.2



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: 26.73 ng

RT: 12.48 min Scan# 953

Delta R.T. -0.07 min

Lab File: BF088426.D

Acq: 26 Jun 2016 18:57

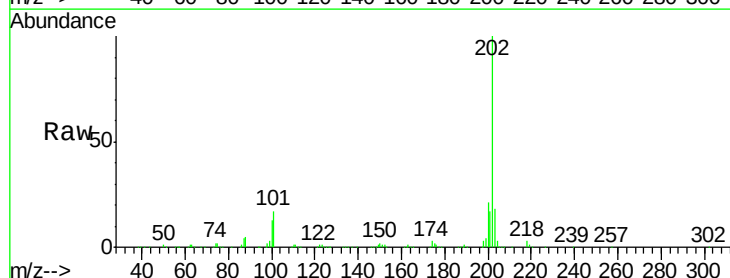
Tgt Ion:202 Resp: 344116

Ion Ratio Lower Upper

202 100

200 21.4 17.4 26.2

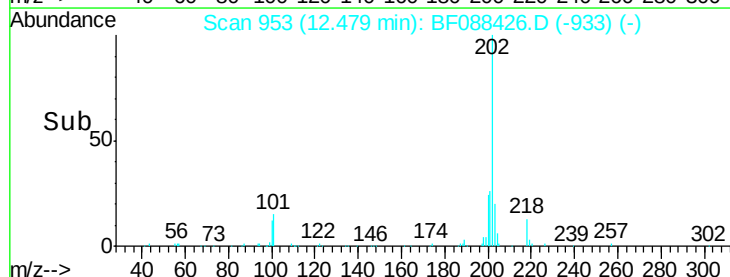
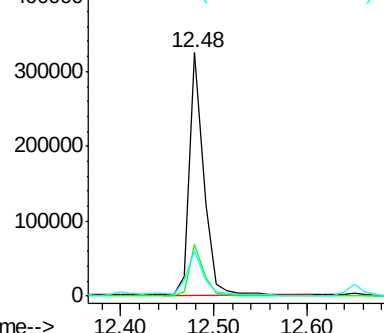
203 18.4 14.5 21.7

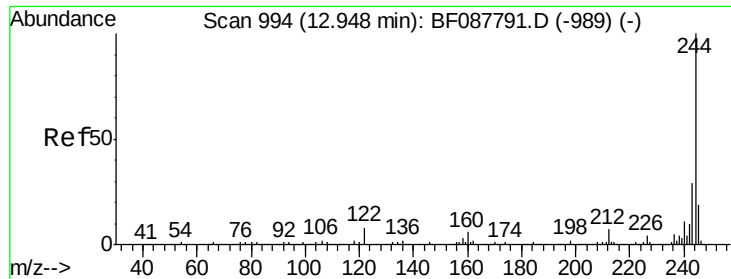


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

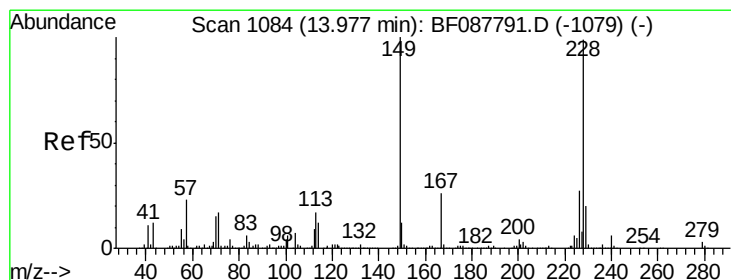
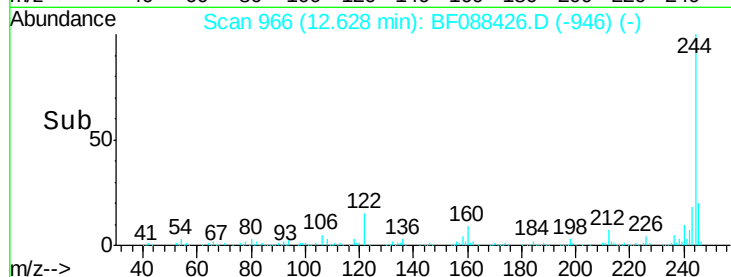
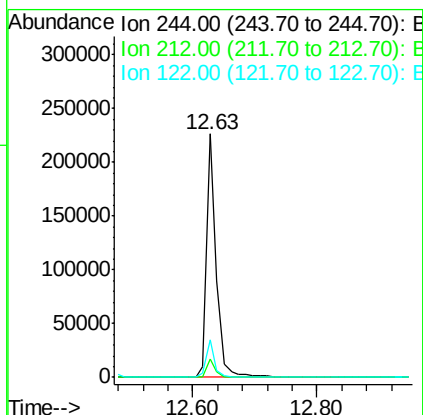
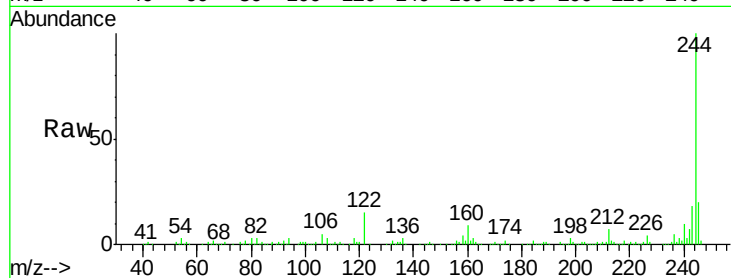




#78
 Terphenyl-d14
 Concen: 32.21 ng
 RT: 12.63 min Scan# 966
 Delta R.T. -0.07 min
 Lab File: BF088426.D
 Acq: 26 Jun 2016 18:57

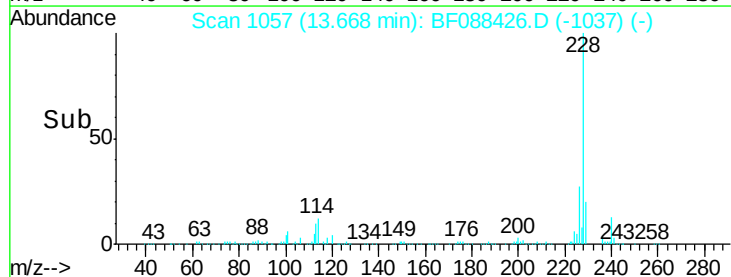
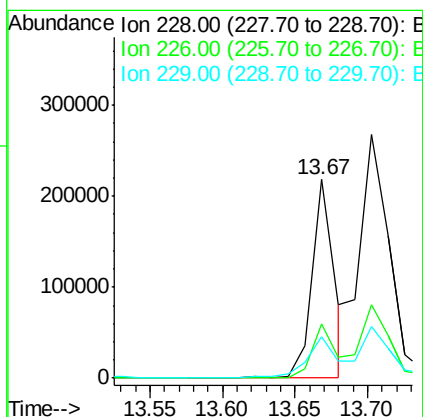
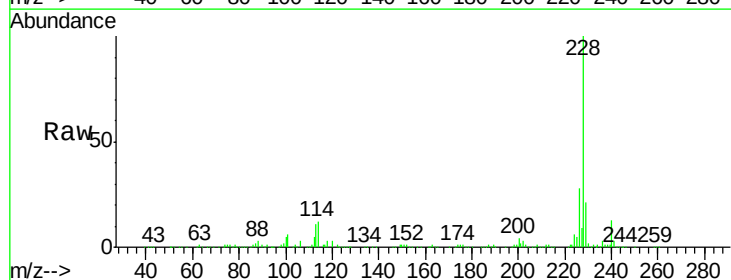
Instrument :
 BNA_F
 ClientSampleId :
 TP-10

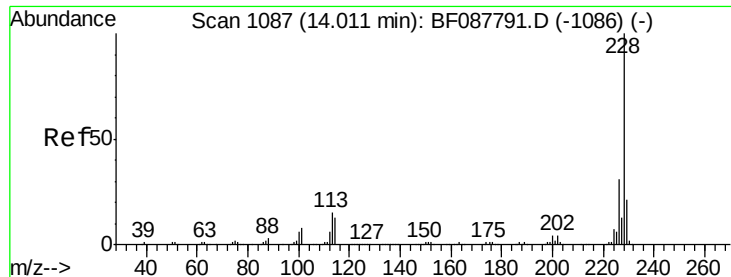
Tot Ion:244 Resp: 245584
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 15.2 11.2 16.8



#80
 Benzo(a)anthracene
 Concen: 23.31 ng
 RT: 13.67 min Scan# 1057
 Delta R.T. -0.07 min
 Lab File: BF088426.D
 Acq: 26 Jun 2016 18:57

Tgt Ion:228 Resp: 230404
 Ion Ratio Lower Upper
 228 100
 226 27.6 22.3 33.5
 229 20.9 16.0 24.0





#82

Chrysene

Concen: 41.13 ng

RT: 13.70 min Scan# 1060

Delta R.T. -0.07 min

Lab File: BF088426.D

Acq: 26 Jun 2016 18:57

Instrument :

BNA_F

ClientSampleId :

TP-10

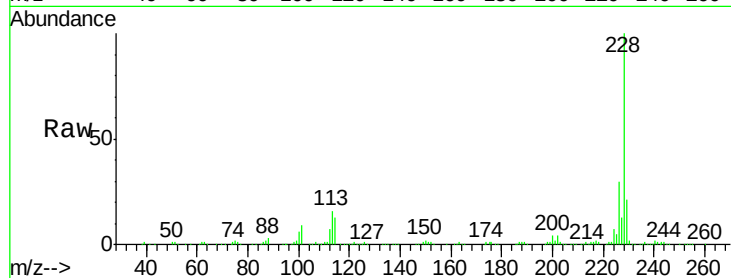
Tot Ion:228 Resp: 382545

Ion Ratio Lower Upper

228 100

226 30.1 25.4 38.2

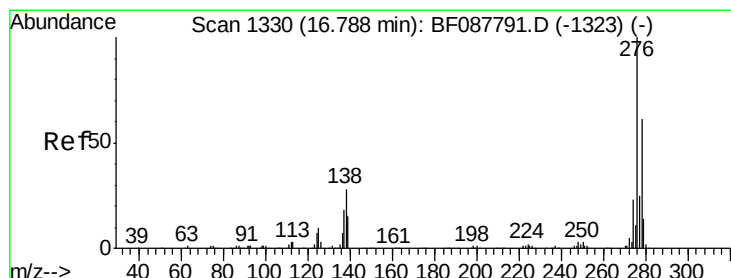
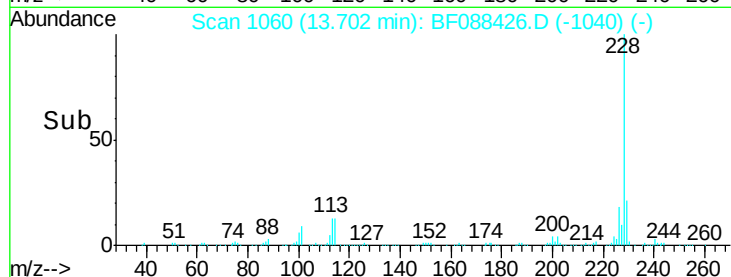
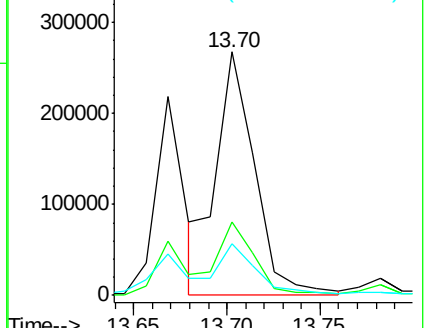
229 21.2 16.3 24.5



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: 20.20 ng

RT: 16.25 min Scan# 1283

Delta R.T. -0.11 min

Lab File: BF088426.D

Acq: 26 Jun 2016 18:57

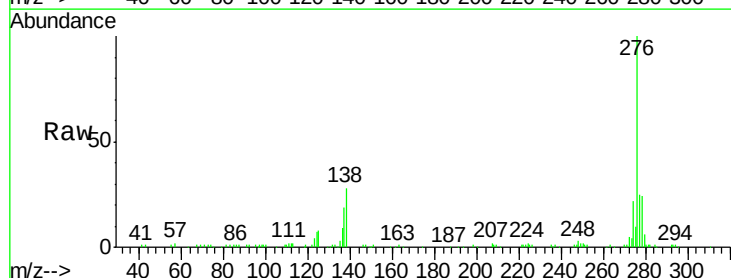
Tgt Ion:276 Resp: 174521

Ion Ratio Lower Upper

276 100

138 26.6 0.0 0.0#

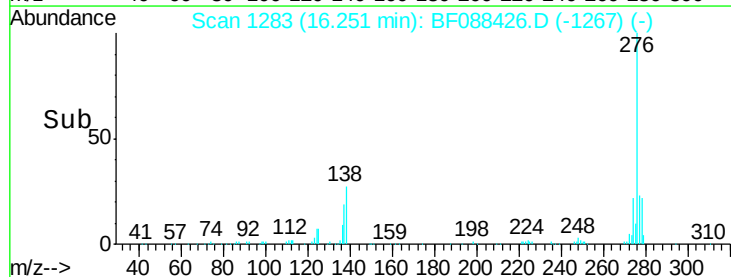
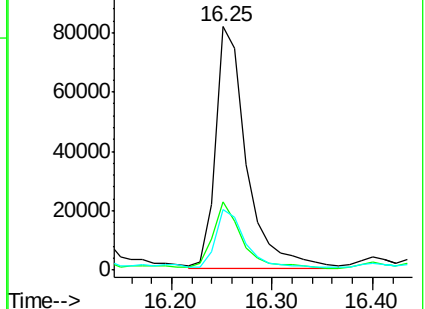
277 23.2 0.0 0.0#

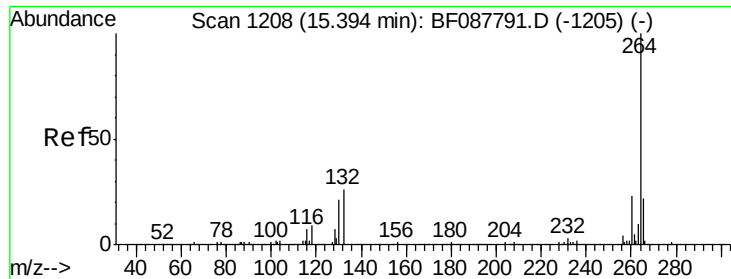


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

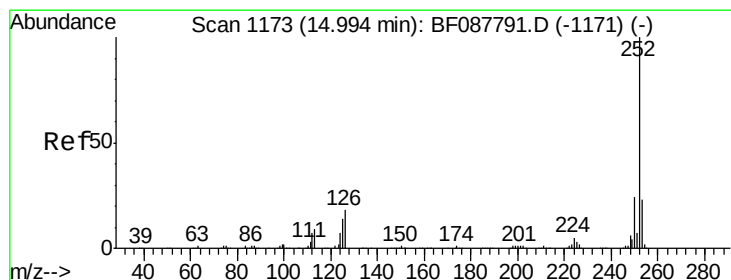
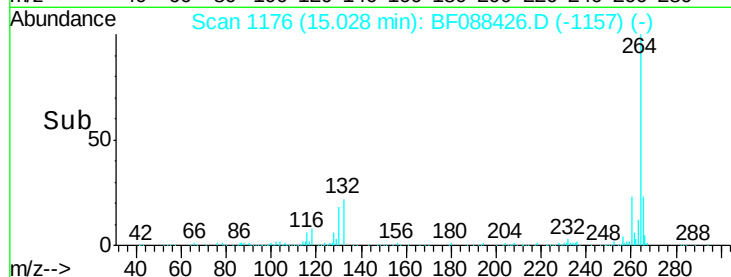
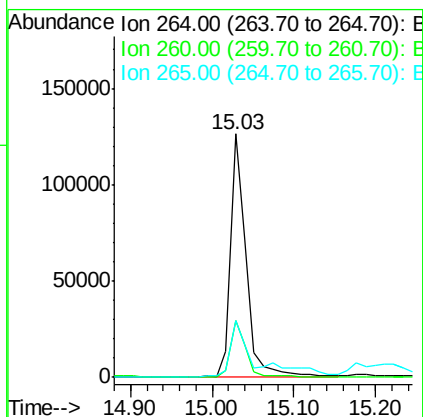
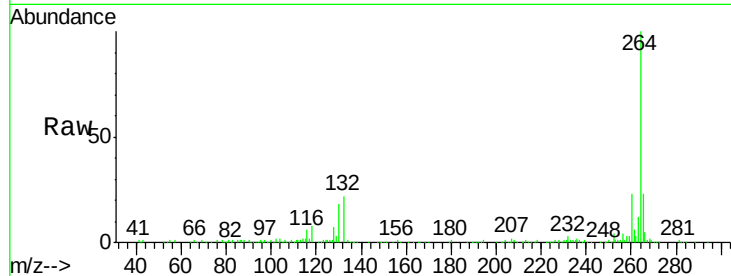




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.03 min Scan# 1176
Delta R.T. -0.08 min
Lab File: BF088426.D
Acq: 26 Jun 2016 18:57

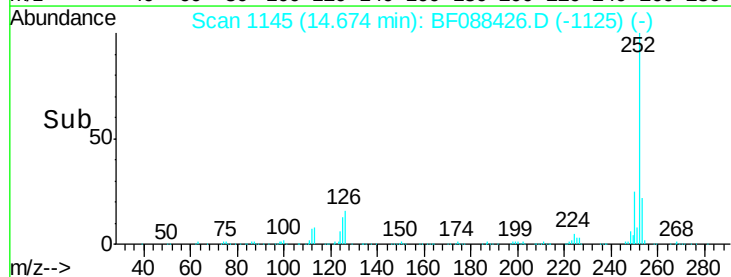
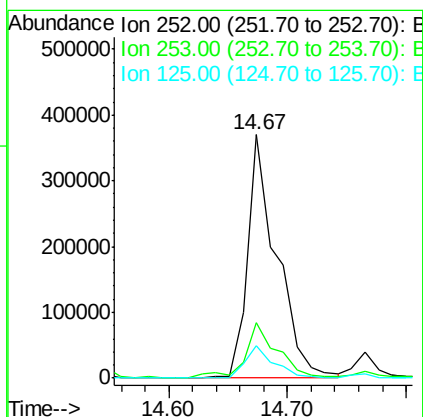
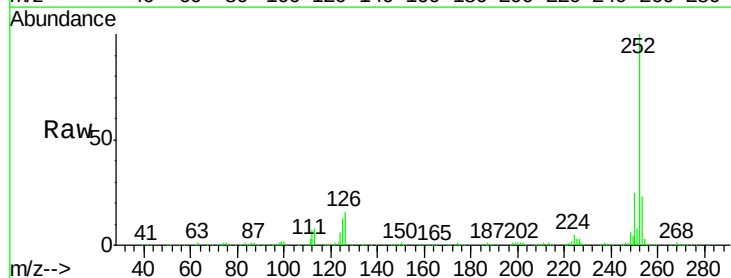
Instrument :
BNA_F
ClientSampleId :
TP-10

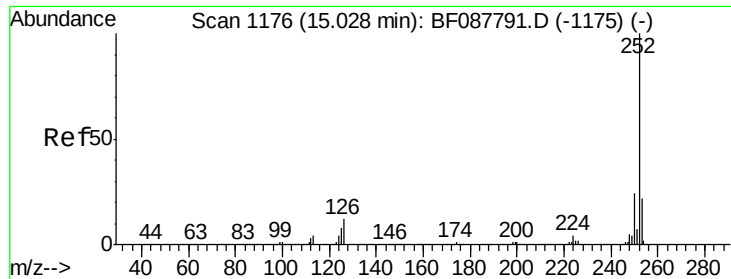
Tot Ion:264 Resp: 168271
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 23.3 16.9 25.3



#87
Benzo(b)fluoranthene
Concen: 53.58 ng
RT: 14.67 min Scan# 1145
Delta R.T. -0.07 min
Lab File: BF088426.D
Acq: 26 Jun 2016 18:57

Tgt Ion:252 Resp: 628383
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.2
125 13.3 7.1 10.7#

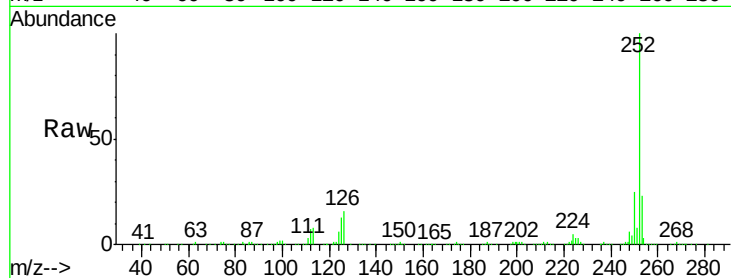




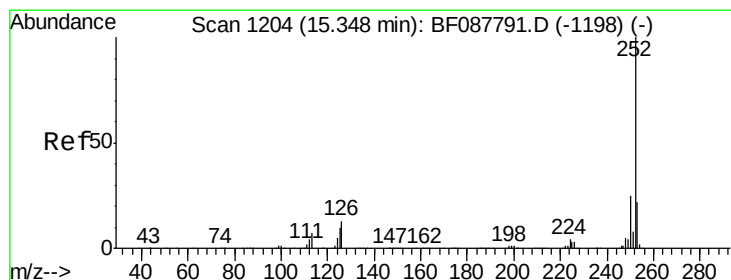
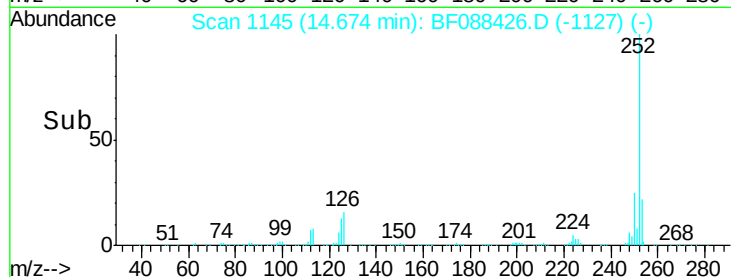
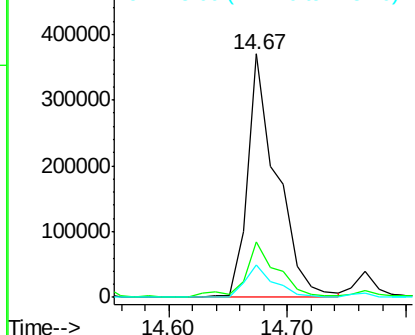
#88
Benzo(k)fluoranthene
Concen: 71.03 ng
RT: 14.67 min Scan# 1145
Delta R.T. -0.09 min
Lab File: BF088426.D
Acq: 26 Jun 2016 18:57

Instrument :
BNA_F
ClientSampleId :
TP-10

Tot Ion:252 Resp: 628383
Ion Ratio Lower Upper
252 100
253 22.6 18.0 27.0
125 13.3 11.2 16.8

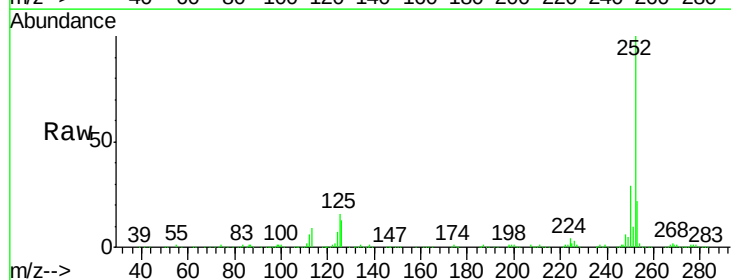


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

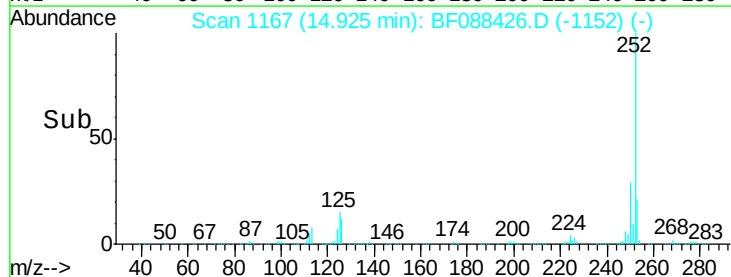
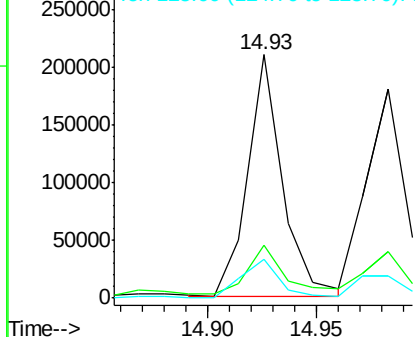


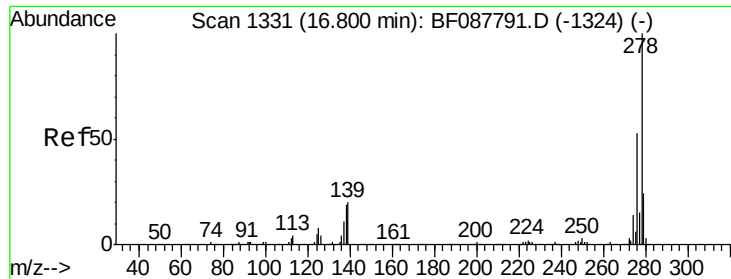
#89
Benzo(a)pyrene
Concen: 24.60 ng
RT: 14.93 min Scan# 1167
Delta R.T. -0.13 min
Lab File: BF088426.D
Acq: 26 Jun 2016 18:57

Tgt Ion:252 Resp: 233454
Ion Ratio Lower Upper
252 100
253 21.6 17.9 26.9
125 15.8 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: 2.90 ng

RT: 16.40 min Scan# 1296

Delta R.T. 0.03 min

Lab File: BF088426.D

Acq: 26 Jun 2016 18:57

Instrument :

BNA_F

ClientSampleId :

TP-10

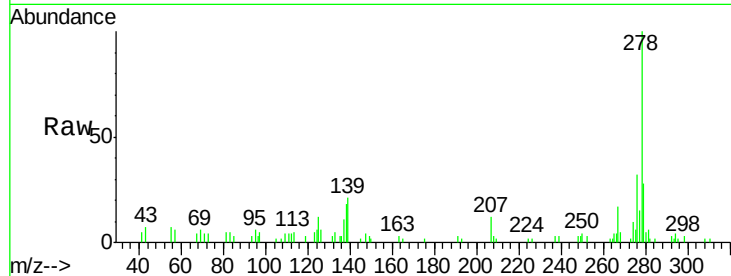
Tot Ion:278 Resp: 25597

Ion Ratio Lower Upper

278 100

139 21.3 15.7 23.5

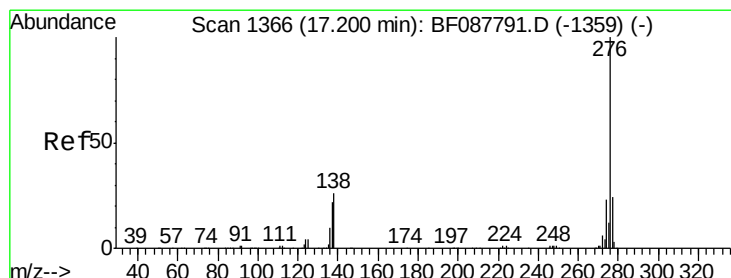
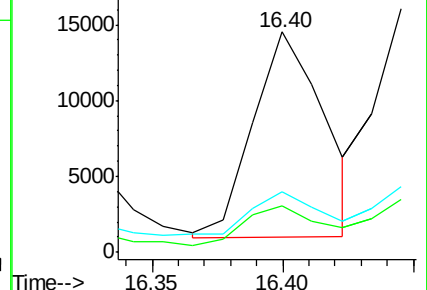
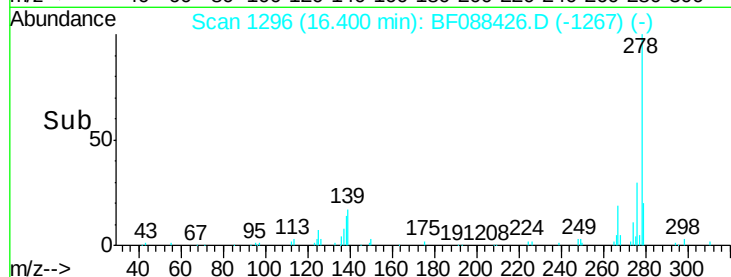
279 27.5 19.4 29.2



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: 18.07 ng

RT: 16.62 min Scan# 1315

Delta R.T. -0.13 min

Lab File: BF088426.D

Acq: 26 Jun 2016 18:57

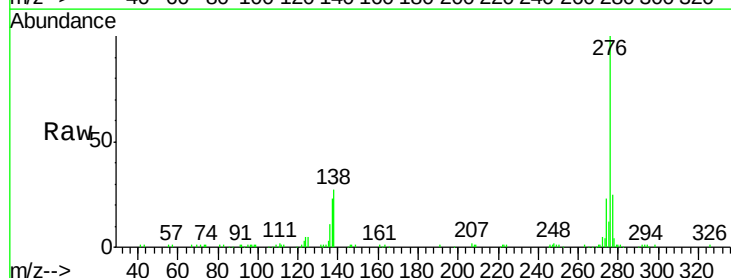
Tgt Ion:276 Resp: 163854

Ion Ratio Lower Upper

276 100

277 24.6 18.9 28.3

138 27.4 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

