

Data File : BF093260.D
Acq On : 28 Feb 2017 20:39
Operator : SJ/MA
Sample : I2017-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TK3-10-20170227

Quant Time: Mar 01 02:18:48 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	406687	20.00	ng	0.11
21) Naphthalene-d8	8.10	136	498769	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	198478	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	315668	20.00	ng	-0.05
75) Chrysene-d12	13.99	240	270720	20.00	ng	-0.03
86) Perylene-d12	15.40	264	192776	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	949216	40.04	ng	-0.03
7) Phenol-d6	6.46	99	1199119	39.31	ng	-0.02
23) Nitrobenzene-d5	7.38	82	663814	74.11	ng	-0.05
41) 2,4,6-Tribromophenol	10.65	330	173821	121.09	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	1058265	96.60	ng	-0.05
78) Terphenyl-d14	12.92	244	782625	67.93	ng	-0.05

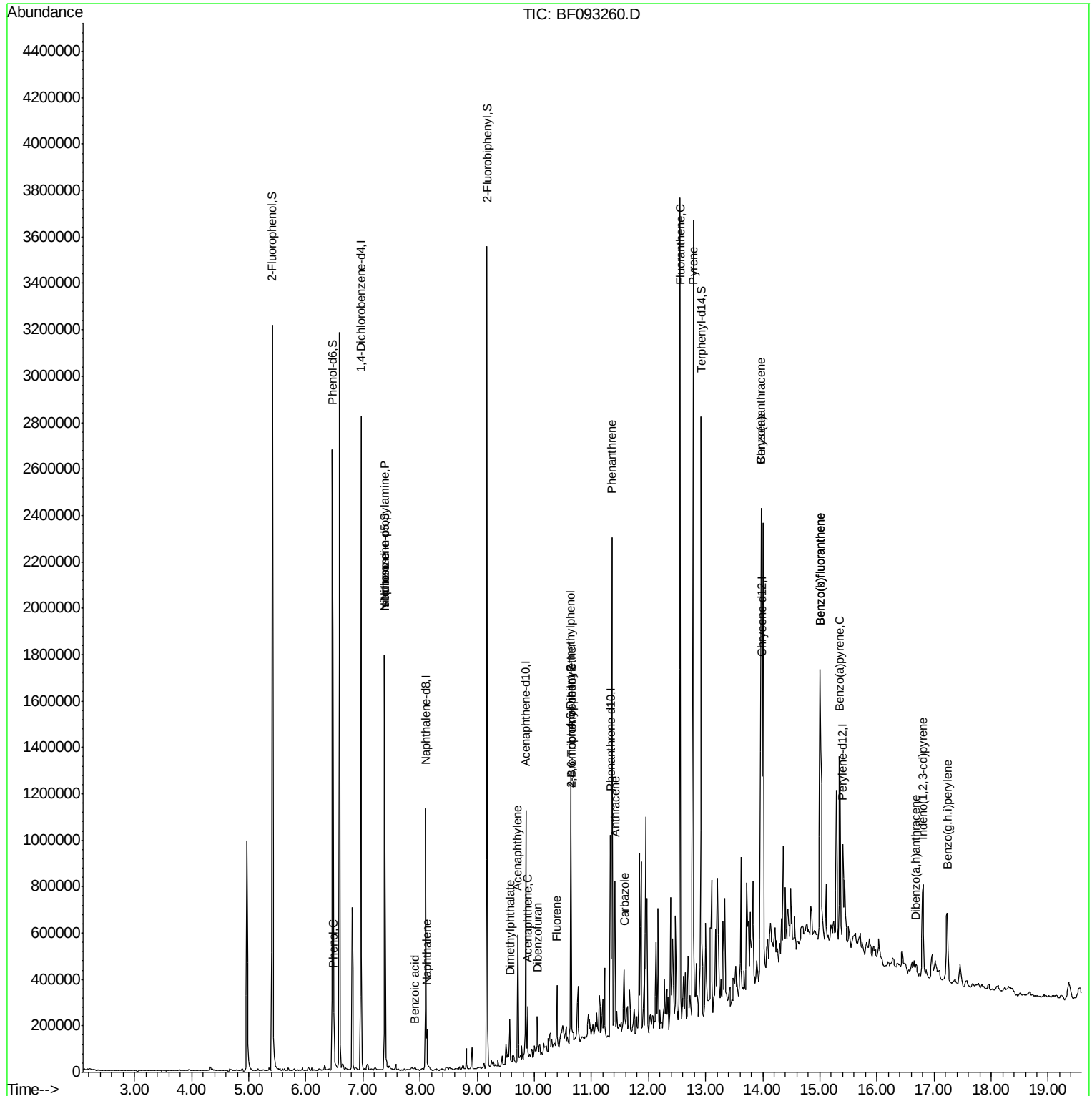
Target Compounds						Qvalue
10) Phenol	6.49	94	76527	2.14	ng	# 68
19) n-Nitroso-di-n-propylamine	7.38	70	86950	4.48	ng	# 84
25) Isophorone	7.38	82	623777	37.37	ng	# 65
31) Naphthalene	8.12	128	73676	2.91	ng	98
32) Benzoic acid	7.92	122	2480	7.65	ng	# 47
48) Acenaphthylene	9.71	152	209376	10.78	ng	99
49) Dimethylphthalate	9.57	163	86834	6.50	ng	98
51) Acenaphthene	9.88	154	43463	3.74	ng	95
54) Dibenzofuran	10.05	168	49506	3.19	ng	93
57) Fluorene	10.40	166	71411	5.98	ng	95
64) 4,6-Dinitro-2-methylphenol	10.64	198	287	2.81	ng	# 1
66) 4-Bromophenyl-phenylether	10.65	248	12211	3.70	ng	# 1
70) Phenanthrene	11.36	178	1087476	60.13	ng	99
71) Anthracene	11.41	178	294821	16.23	ng	97
72) Carbazole	11.57	167	99955	5.76	ng	98
74) Fluoranthene	12.56	202	1501683	80.50	ng	98
77) Pyrene	12.78	202	1499138	74.00	ng	99
80) Benzo(a)anthracene	13.97	228	812130	49.05	ng	96
82) Chrysene	13.97	228	812130	52.39	ng	100
85) Indeno(1,2,3-cd)pyrene	16.81	276	245335	20.43	ng	97
87) Benzo(b)fluoranthene	15.00	252	873847	68.87	ng	98
88) Benzo(k)fluoranthene	15.00	252	873847	79.76	ng	# 97
89) Benzo(a)pyrene	15.35	252	444845	40.53	ng	# 95
90) Dibenzo(a,h)anthracene	16.68	278	18350	2.07	ng	93
91) Benzo(g,h,i)perylene	17.23	276	248894	27.77	ng	# 93

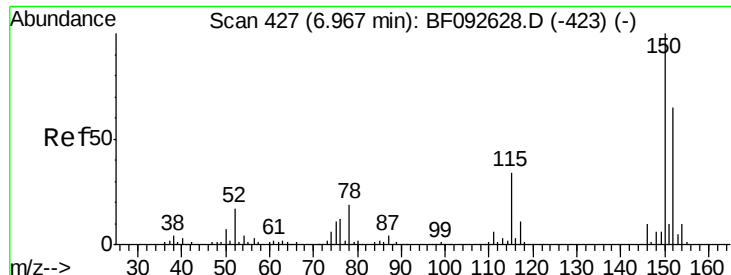
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 23 Sample Multiplier: 1

TK3-10-20170227

Response via : Initial Calibration



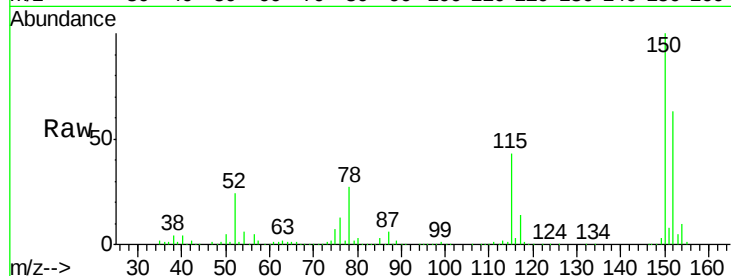


#1

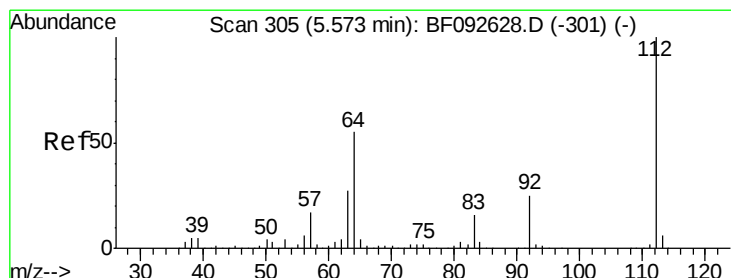
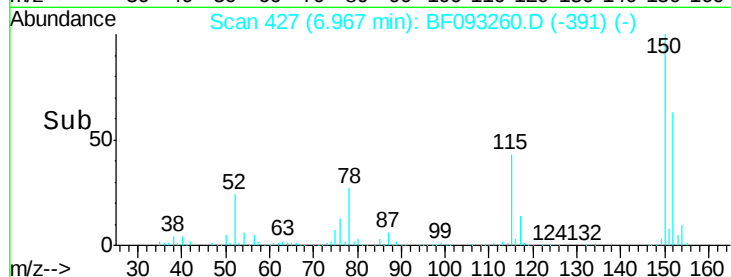
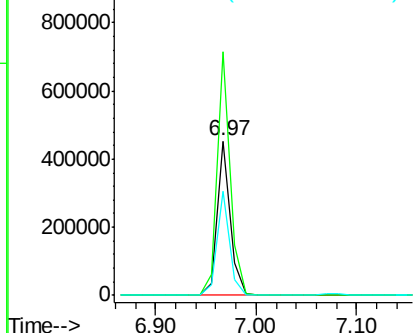
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.11 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Instrument :
BNA_F
ClientSampleId :
TK3-10-20170227

Tgt Ion:152 Resp: 406687
Ion Ratio Lower Upper
152 100
150 157.9 124.9 187.3
115 67.7 46.0 69.0



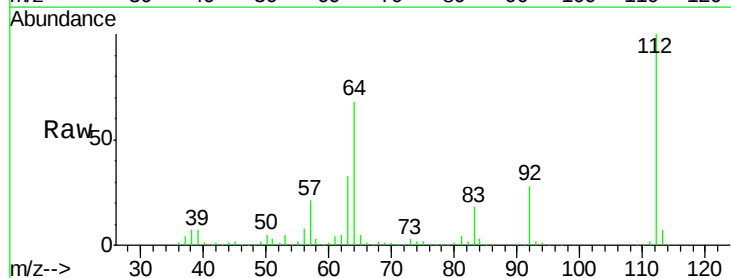
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



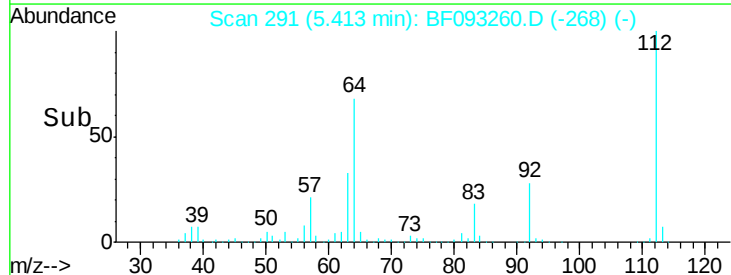
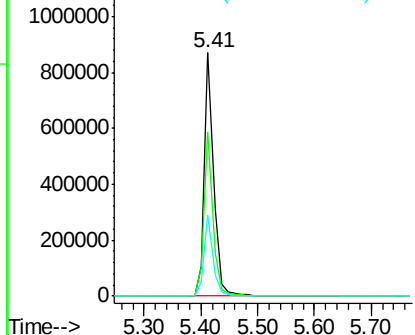
#5

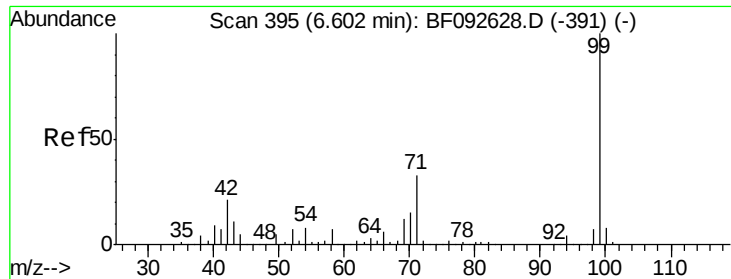
2-Fluorophenol
Concen: 40.04 ng
RT: 5.41 min Scan# 291
Delta R.T. -0.03 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Tgt Ion:112 Resp: 949216
Ion Ratio Lower Upper
112 100
64 67.6 46.1 69.1
63 33.3 23.8 35.6



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: 39.31 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.02 min

Lab File: BF093260.D

Acq: 28 Feb 2017 20:39

Instrument :

BNA_F

ClientSampleId :

TK3-10-20170227

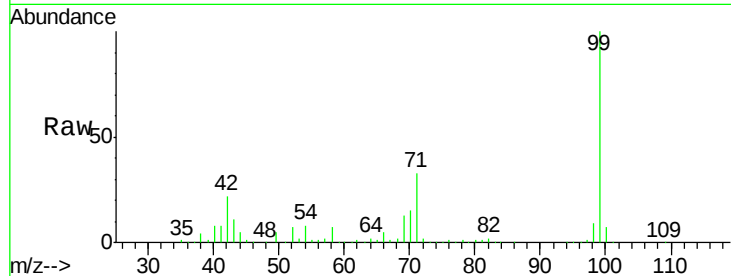
Tgt Ion: 99 Resp: 1199119

Ion Ratio Lower Upper

99 100

42 21.5 15.6 23.4

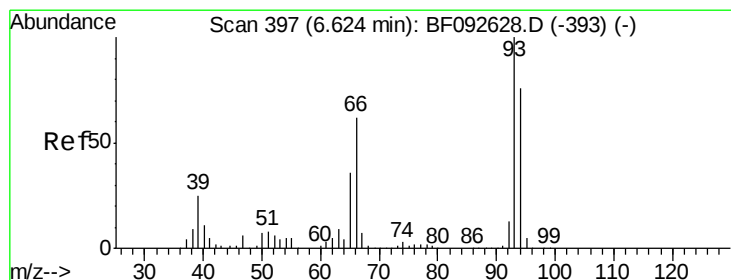
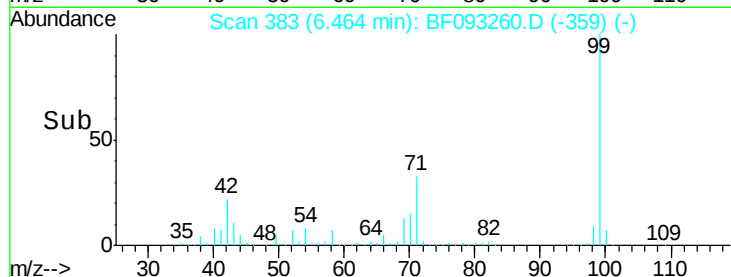
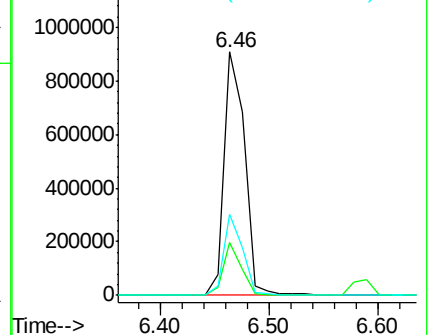
71 33.5 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.14 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093260.D

Acq: 28 Feb 2017 20:39

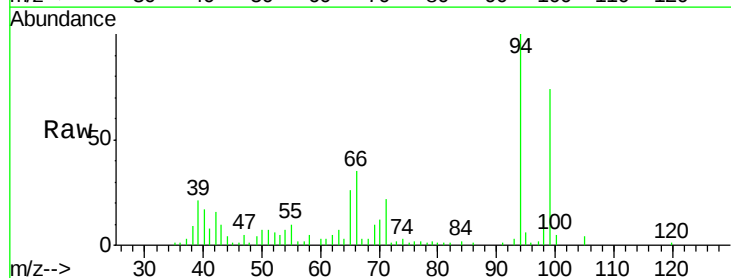
Tgt Ion: 94 Resp: 76527

Ion Ratio Lower Upper

94 100

65 25.8 21.4 61.4

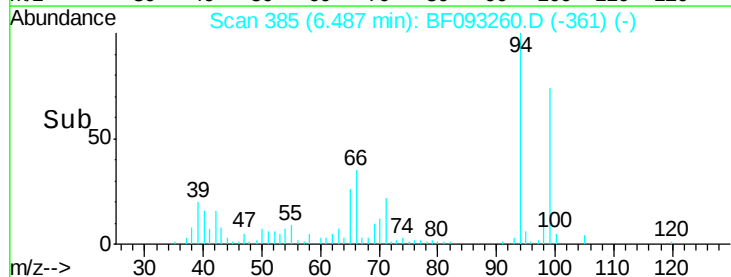
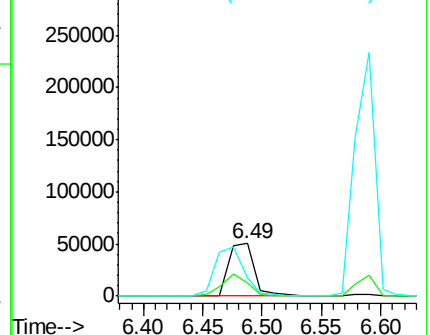
66 34.8 44.0 84.0#

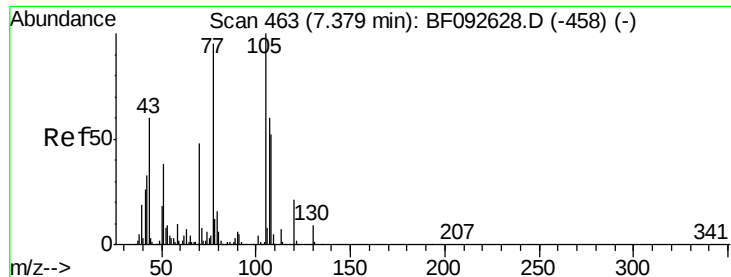


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

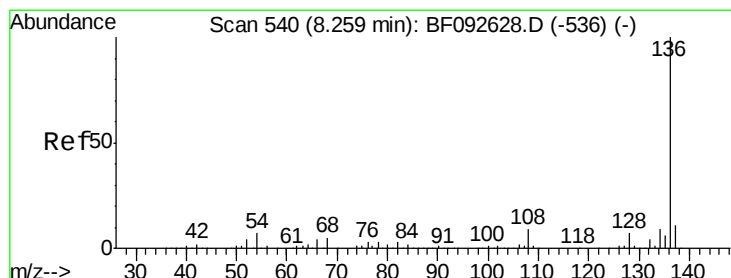
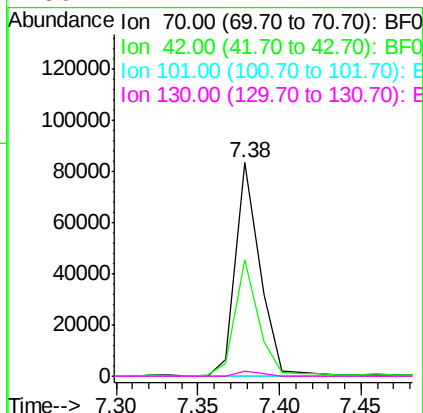
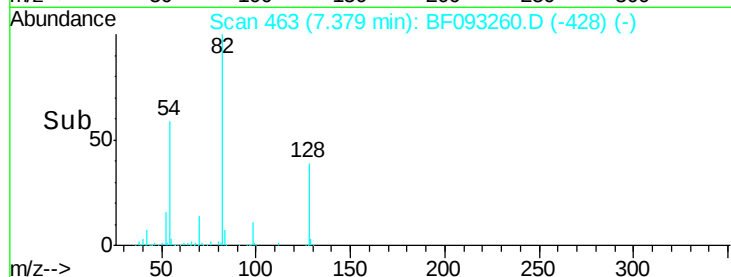
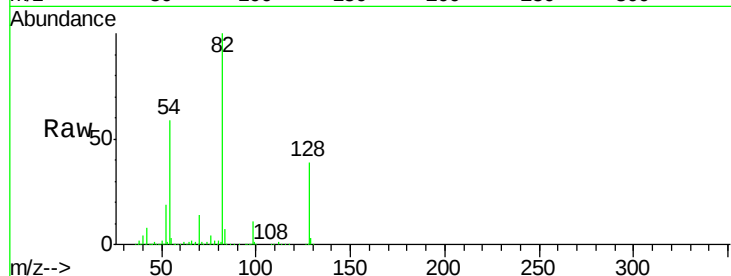




#19
n-Nitroso-di-n-propylamine
Concen: 4.48 ng
RT: 7.38 min Scan# 463
Delta R.T. 0.10 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

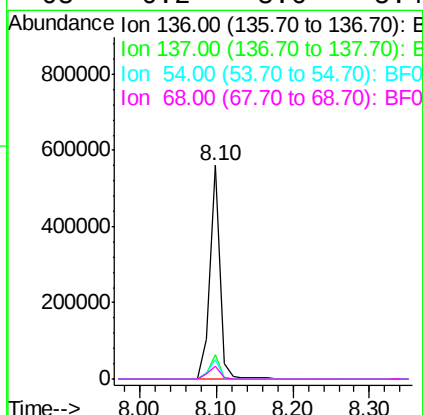
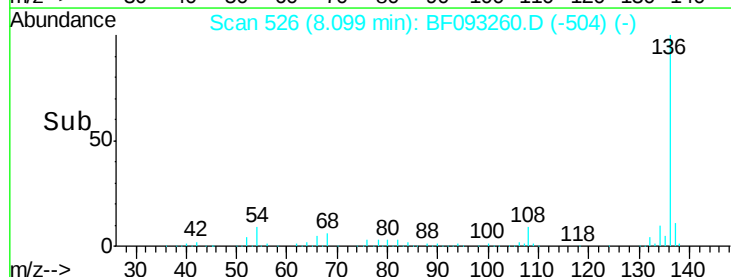
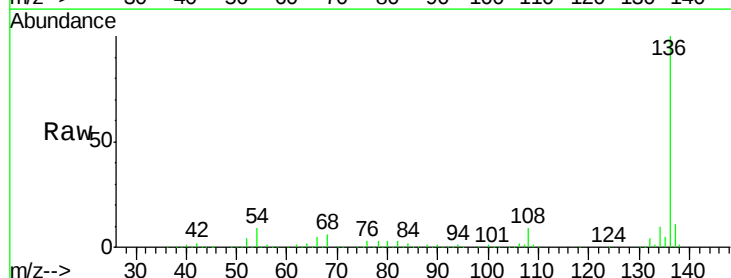
Instrument :
BNA_F
ClientSampleId :
TK3-10-20170227

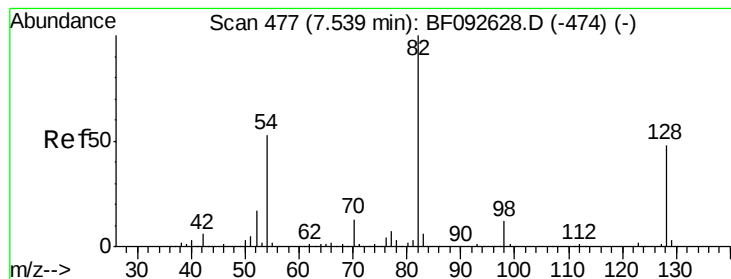
Tgt Ion: 70 Resp: 86950
Ion Ratio Lower Upper
70 100
42 54.7 49.4 74.0
101 0.0 7.4 11.2#
130 2.4 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Tgt Ion: 136 Resp: 498769
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 9.3 4.5 6.7#
68 6.2 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 74.11 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.05 min

Lab File: BF093260.D

Acq: 28 Feb 2017 20:39

Instrument :

BNA_F

ClientSampleId :

TK3-10-20170227

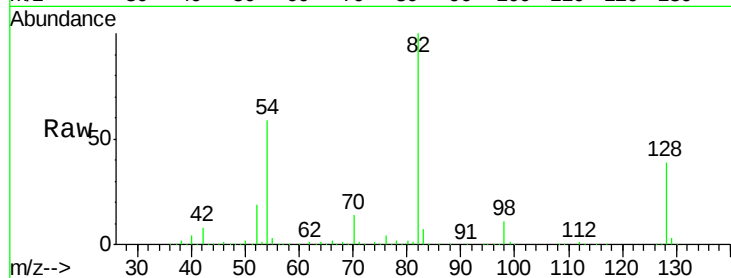
Tgt Ion: 82 Resp: 663814

Ion Ratio Lower Upper

82 100

128 39.1 34.6 52.0

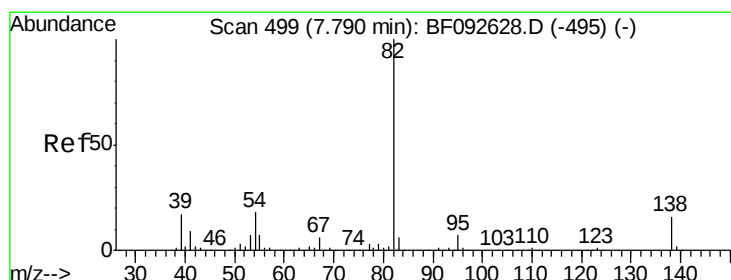
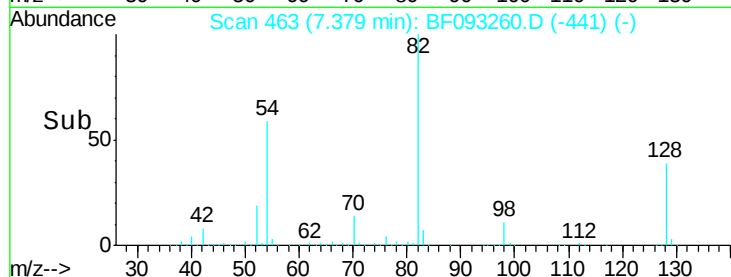
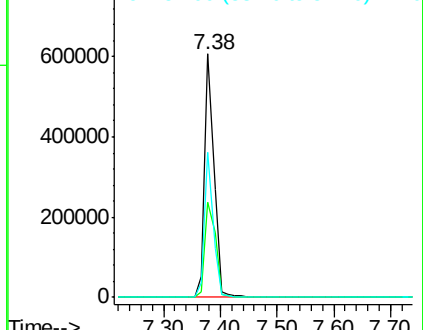
54 59.5 39.5 59.3#



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: 37.37 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.31 min

Lab File: BF093260.D

Acq: 28 Feb 2017 20:39

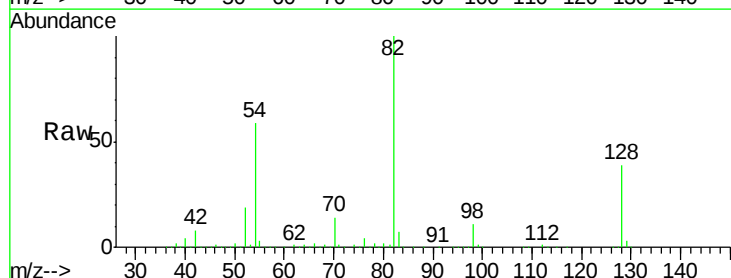
Tgt Ion: 82 Resp: 623777

Ion Ratio Lower Upper

82 100

95 0.1 5.6 8.4#

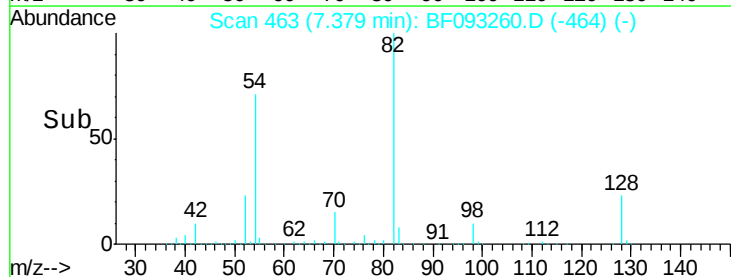
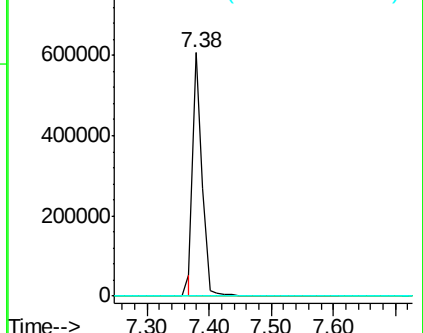
138 0.0 14.6 22.0#

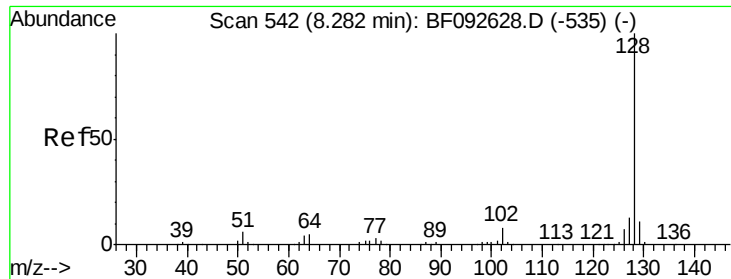


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

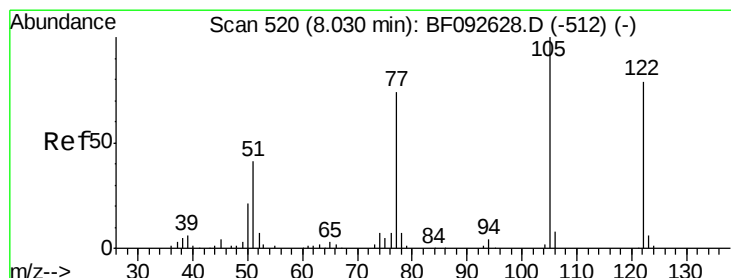
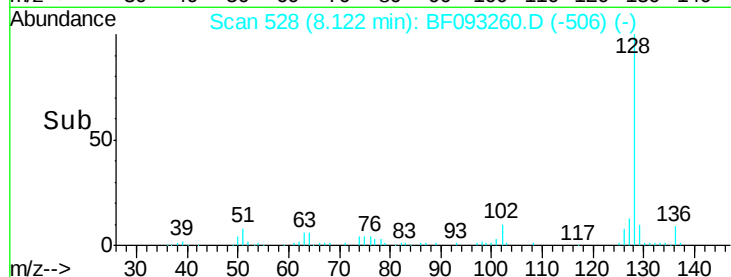
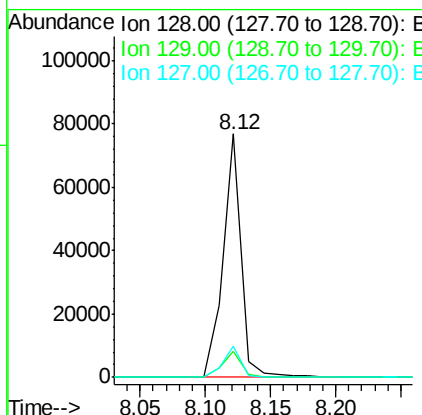
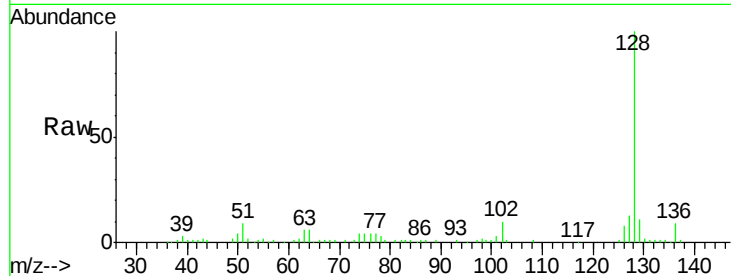




#31
Naphthalene
Concen: 2.91 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

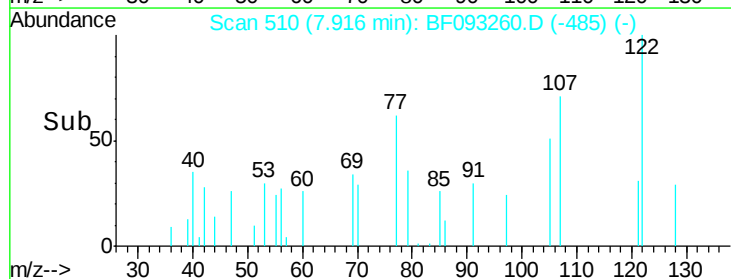
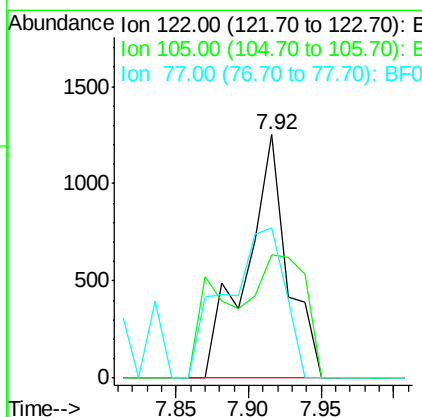
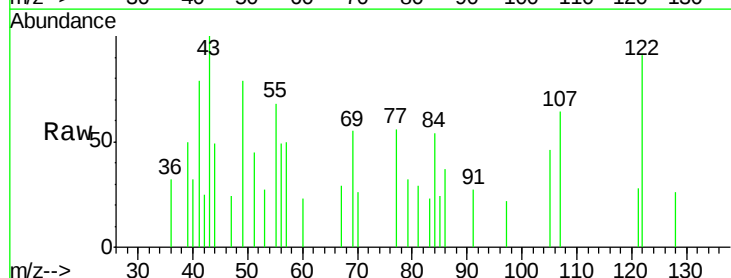
Instrument :
BNA_F
ClientSampleId :
TK3-10-20170227

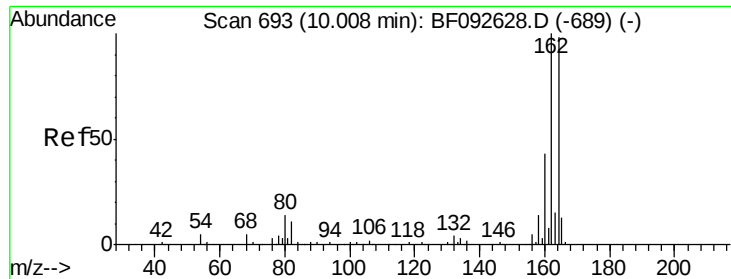
Tgt Ion:128 Resp: 73676
Ion Ratio Lower Upper
128 100
129 10.8 9.5 14.3
127 12.7 10.8 16.2



#32
Benzoic acid
Concen: 7.65 ng
RT: 7.92 min Scan# 510
Delta R.T. -0.01 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Tgt Ion:122 Resp: 2480
Ion Ratio Lower Upper
122 100
105 50.8 107.2 147.2#
77 61.5 74.5 114.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.05 min

Lab File: BF093260.D

Acq: 28 Feb 2017 20:39

Instrument :

BNA_F

ClientSampleId :

TK3-10-20170227

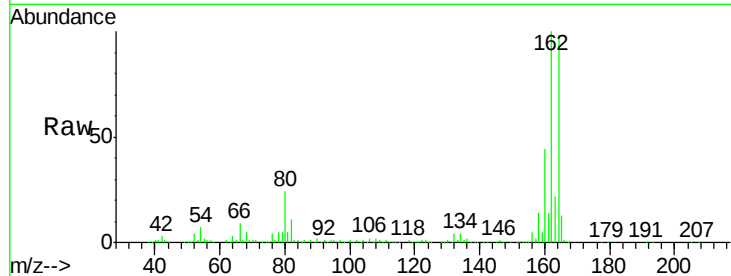
Tgt Ion:164 Resp: 198478

Ion Ratio Lower Upper

164 100

162 102.5 80.2 120.2

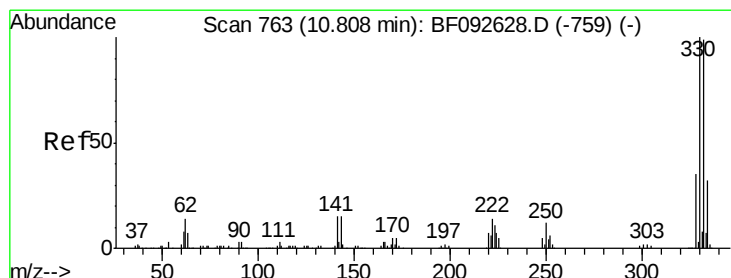
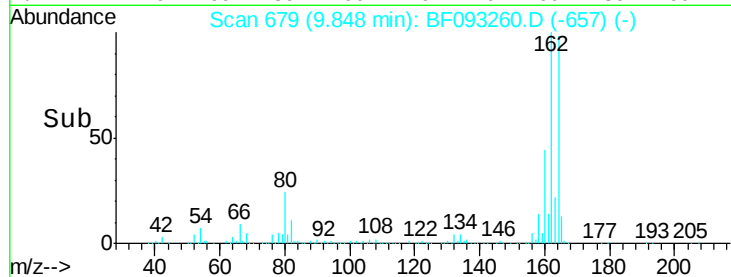
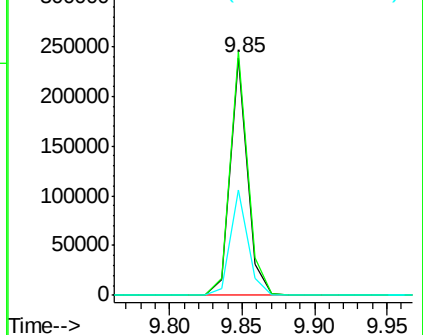
160 44.6 36.9 55.3



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: 121.09 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.03 min

Lab File: BF093260.D

Acq: 28 Feb 2017 20:39

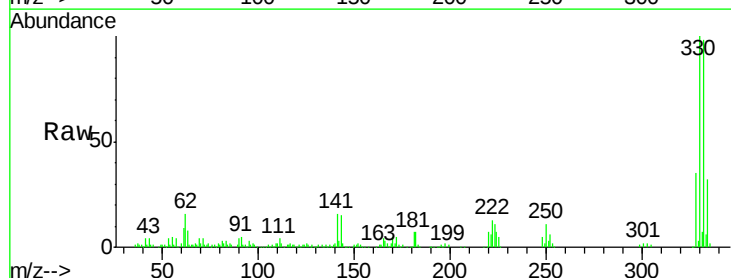
Tgt Ion:330 Resp: 173821

Ion Ratio Lower Upper

330 100

332 97.9 77.4 116.2

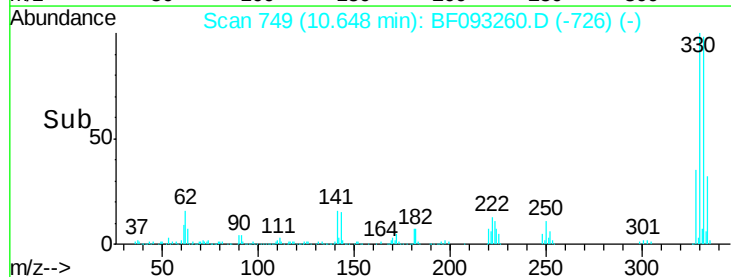
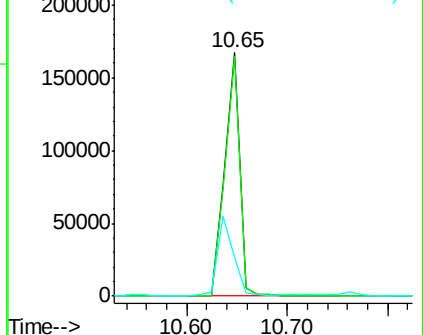
141 34.2 34.1 51.1

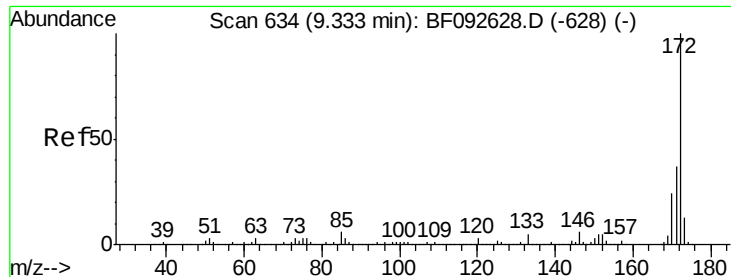


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

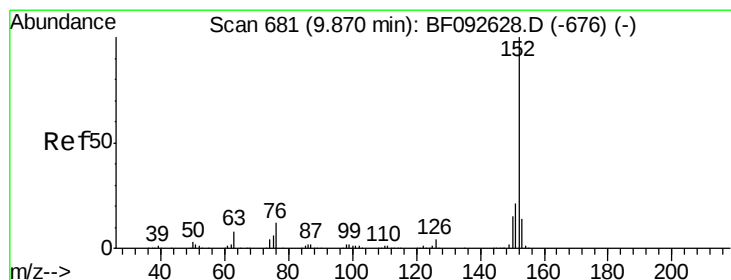
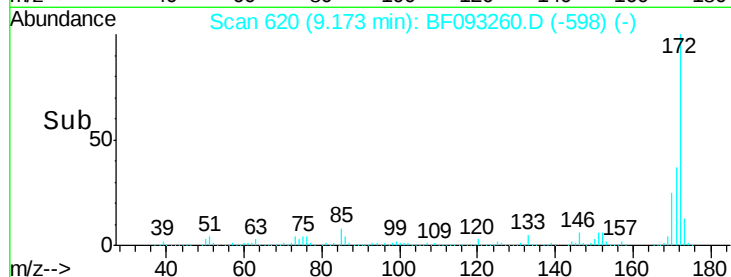
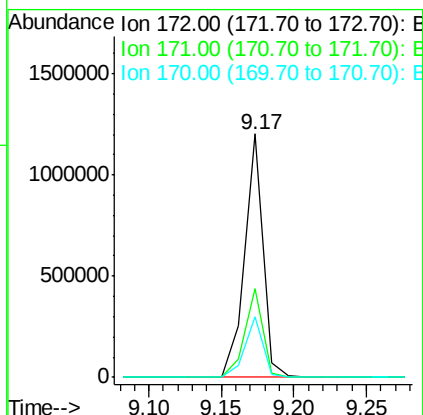
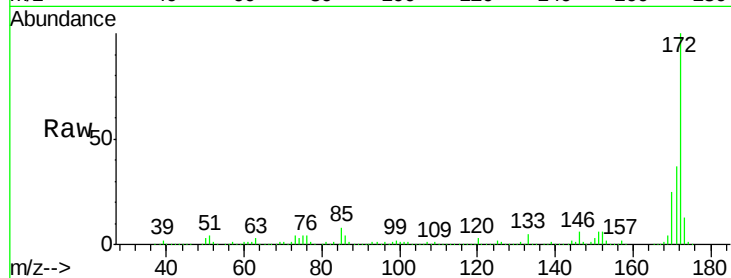




#44
 2-Fluorobiphenyl
 Concen: 96.60 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093260.D
 Acq: 28 Feb 2017 20:39

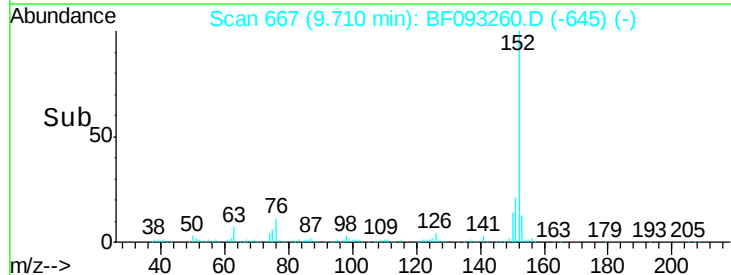
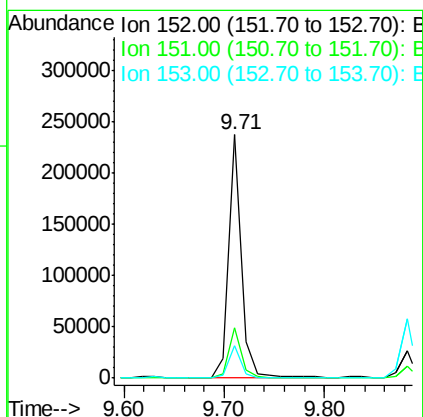
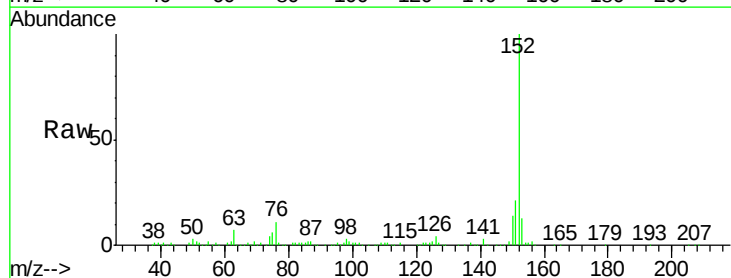
Instrument :
 BNA_F
 ClientSampleId :
 TK3-10-20170227

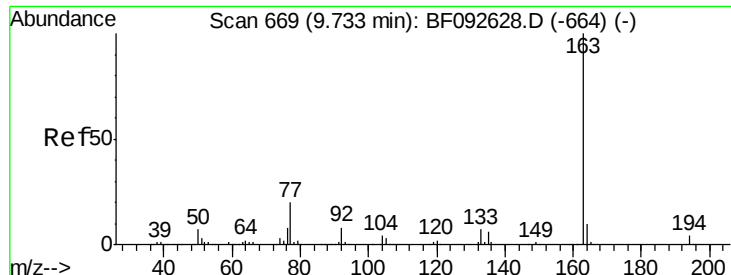
Tgt Ion:172 Resp: 1058265
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.7 20.2 30.4



#48
 Acenaphthylene
 Concen: 10.78 ng
 RT: 9.71 min Scan# 667
 Delta R.T. -0.05 min
 Lab File: BF093260.D
 Acq: 28 Feb 2017 20:39

Tgt Ion:152 Resp: 209376
 Ion Ratio Lower Upper
 152 100
 151 20.9 16.9 25.3
 153 13.5 11.4 17.2





#49

Dimethylphthalate

Concen: 6.50 ng

RT: 9.57 min Scan# 655

Delta R.T. -0.05 min

Lab File: BF093260.D

Acq: 28 Feb 2017 20:39

Instrument :

BNA_F

ClientSampleId :

TK3-10-20170227

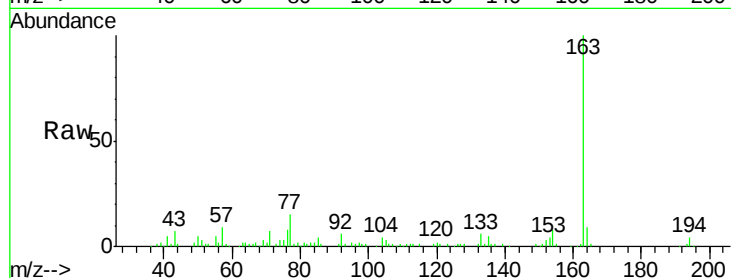
Tgt Ion:163 Resp: 86834

Ion Ratio Lower Upper

163 100

194 4.3 3.0 4.4

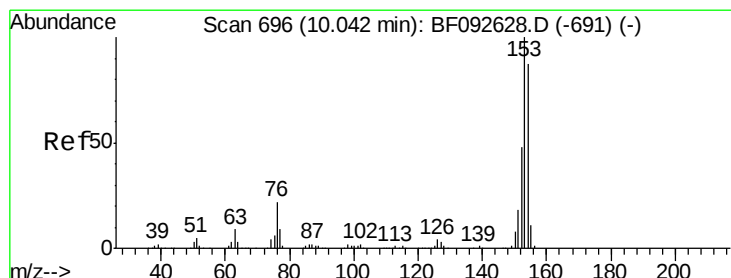
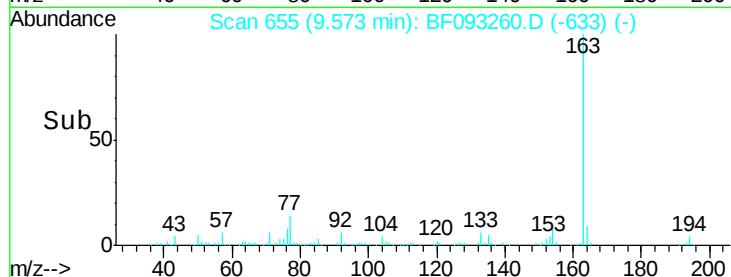
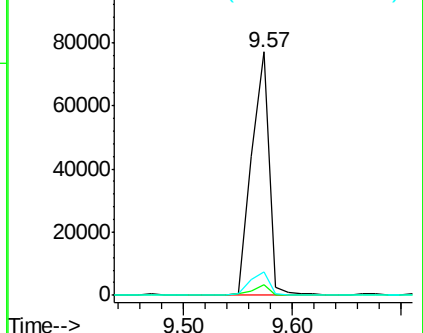
164 9.4 8.0 12.0



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: 3.74 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF093260.D

Acq: 28 Feb 2017 20:39

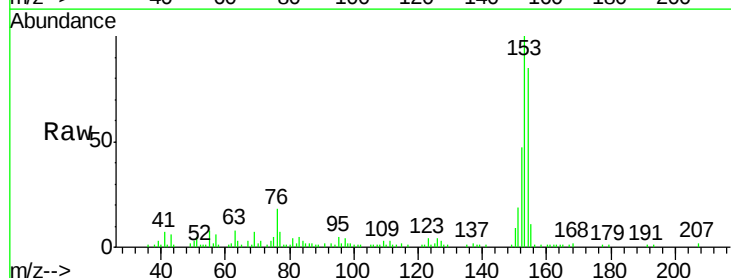
Tgt Ion:154 Resp: 43463

Ion Ratio Lower Upper

154 100

153 117.1 88.6 133.0

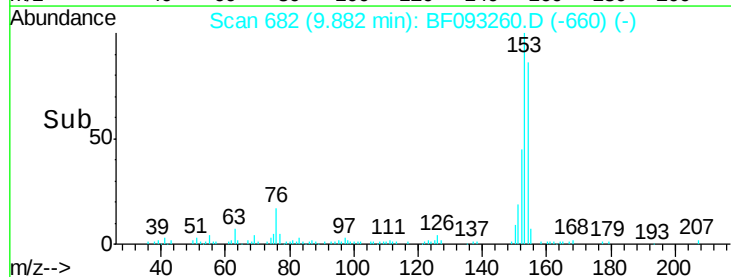
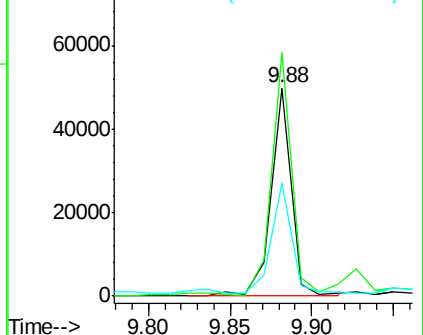
152 54.5 41.6 62.4

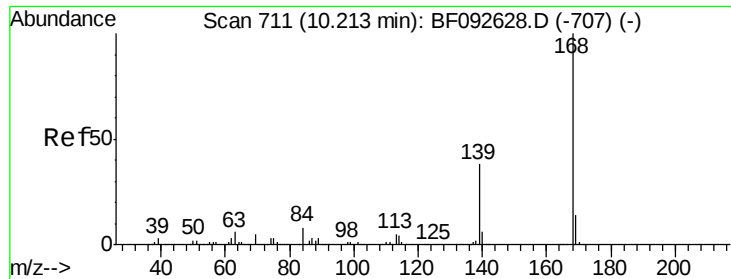


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

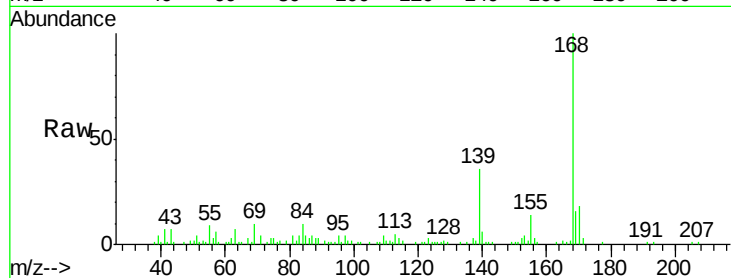




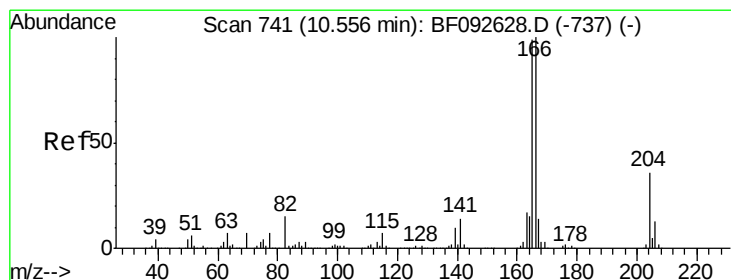
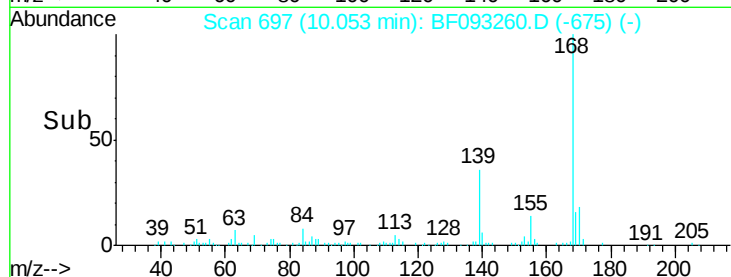
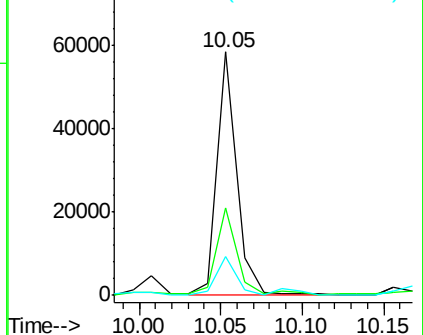
#54
Dibenzenofuran
Concen: 3.19 ng
RT: 10.05 min Scan# 697
Delta R.T. -0.05 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Instrument :
BNA_F
ClientSampleId :
TK3-10-20170227

Tgt Ion:168 Resp: 49506
Ion Ratio Lower Upper
168 100
139 36.0 32.6 49.0
169 15.8 11.3 16.9

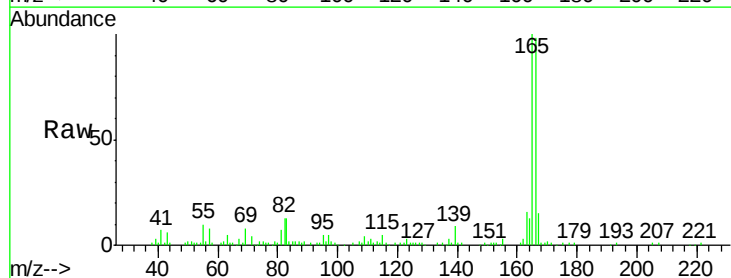


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

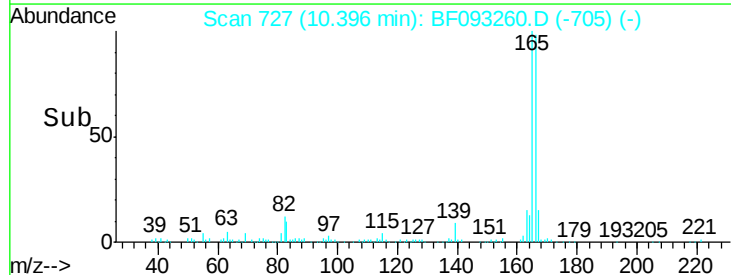
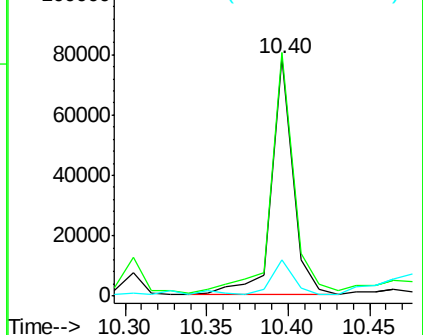


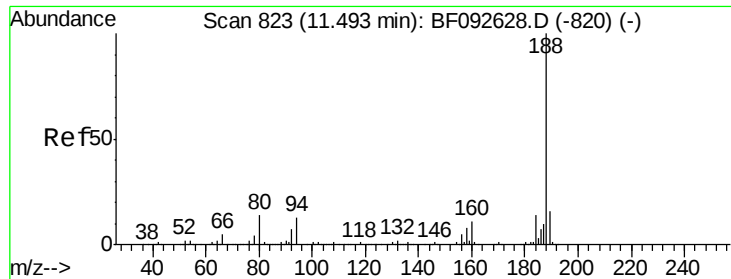
#57
Fluorene
Concen: 5.98 ng
RT: 10.40 min Scan# 727
Delta R.T. -0.05 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Tgt Ion:166 Resp: 71411
Ion Ratio Lower Upper
166 100
165 102.2 77.8 116.8
167 15.1 10.8 16.2



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

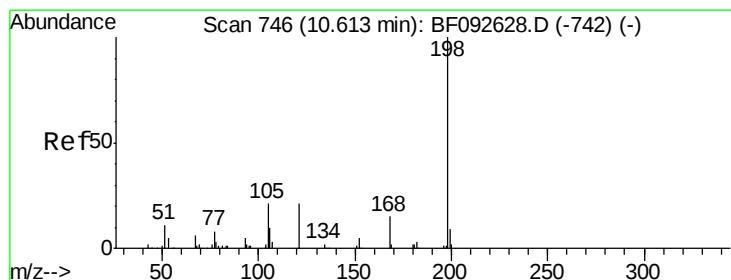
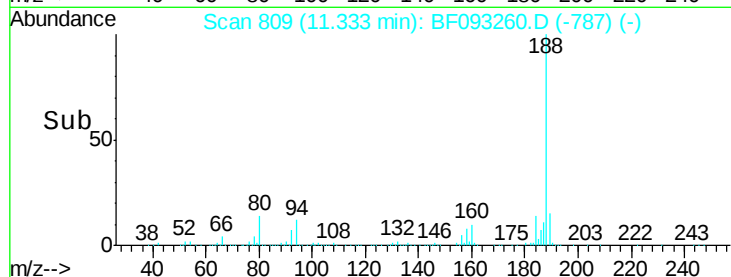
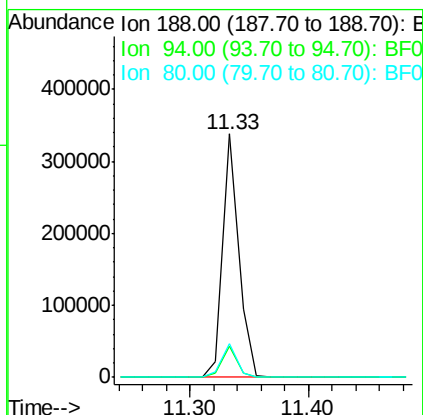
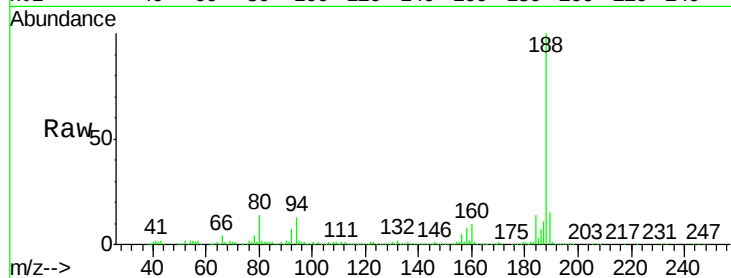




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.33 min Scan# 809
Delta R.T. -0.05 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

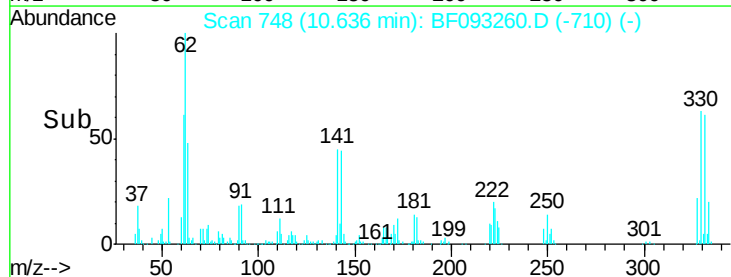
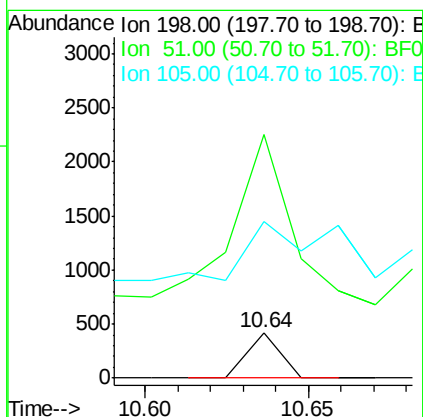
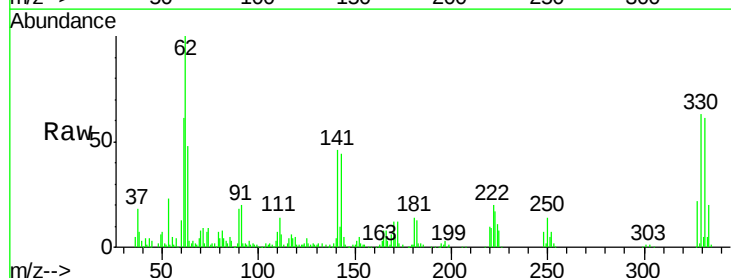
Instrument :
BNA_F
ClientSampleId :
TK3-10-20170227

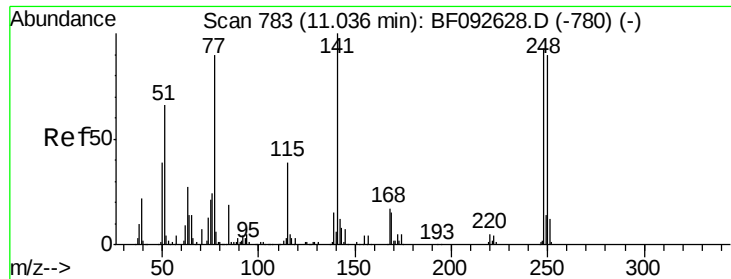
Tgt Ion:188 Resp: 315668
Ion Ratio Lower Upper
188 100
94 12.7 10.0 15.0
80 13.8 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 2.81 ng
RT: 10.64 min Scan# 748
Delta R.T. 0.14 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Tgt Ion:198 Resp: 287
Ion Ratio Lower Upper
198 100
51 539.0 6.7 46.7#
105 347.1 16.6 56.6#

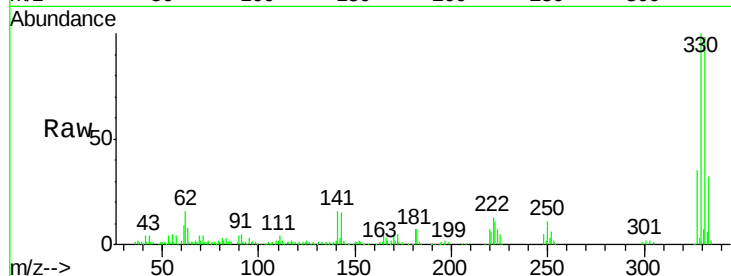




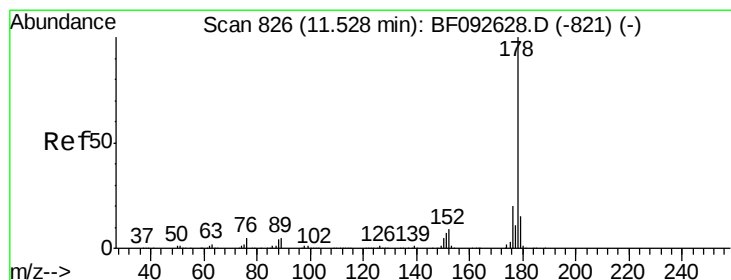
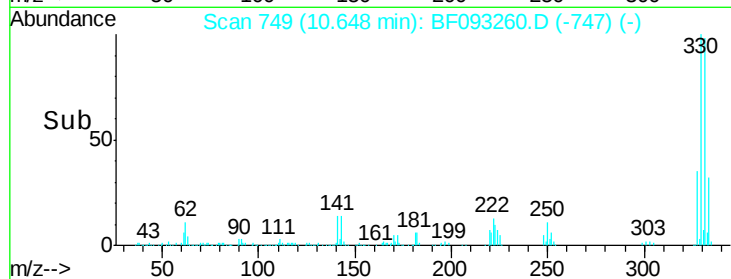
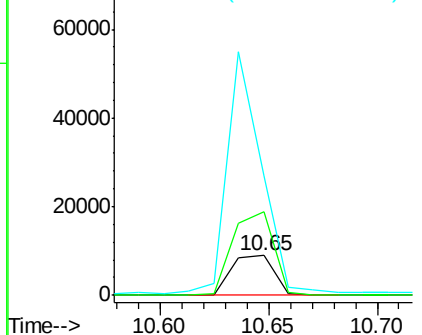
#66
4-Bromophenyl-phenylether
Concen: 3.70 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.27 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Instrument :
BNA_F
ClientSampleId :
TK3-10-20170227

Tgt Ion:248 Resp: 12211
Ion Ratio Lower Upper
248 100
250 209.4 76.9 115.3#
141 299.1 68.2 102.4#

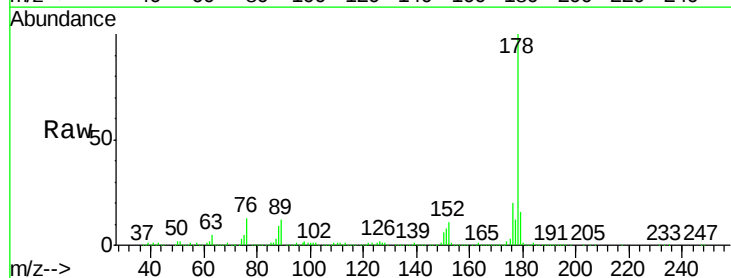


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

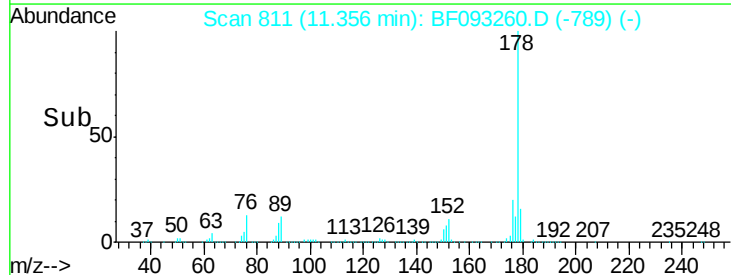
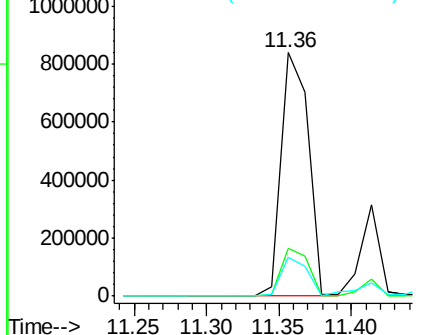


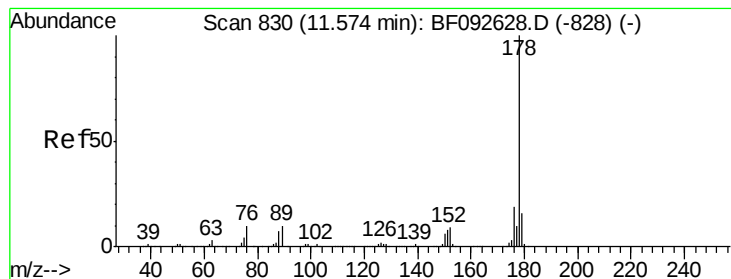
#70
Phenanthrene
Concen: 60.13 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.05 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Tgt Ion:178 Resp: 1087476
Ion Ratio Lower Upper
178 100
176 19.8 16.6 25.0
179 15.9 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 16.23 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.05 min

Lab File: BF093260.D

Acq: 28 Feb 2017 20:39

Instrument :

BNA_F

ClientSampleId :

TK3-10-20170227

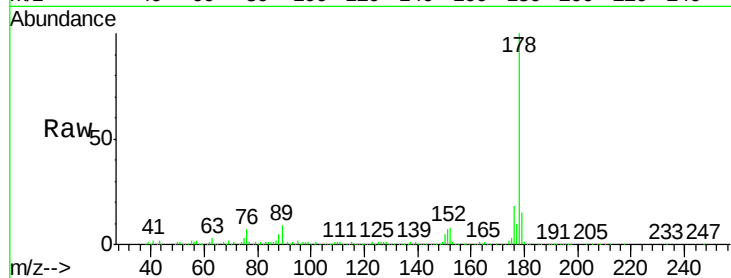
Tgt Ion:178 Resp: 294821

Ion Ratio Lower Upper

178 100

176 18.4 15.9 23.9

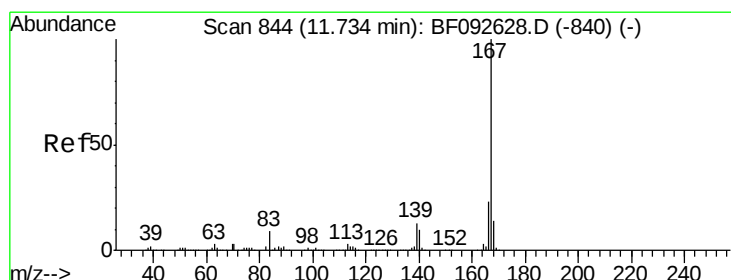
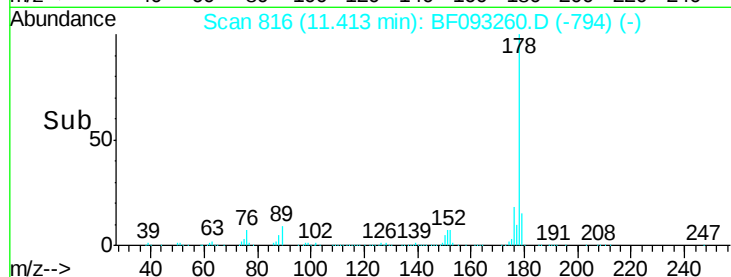
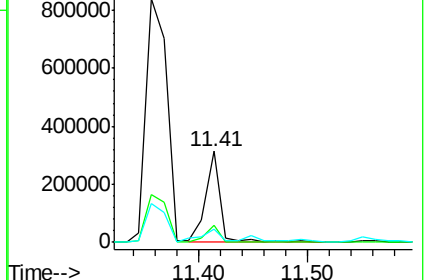
179 15.0 13.2 19.8



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



#72

Carbazole

Concen: 5.76 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF093260.D

Acq: 28 Feb 2017 20:39

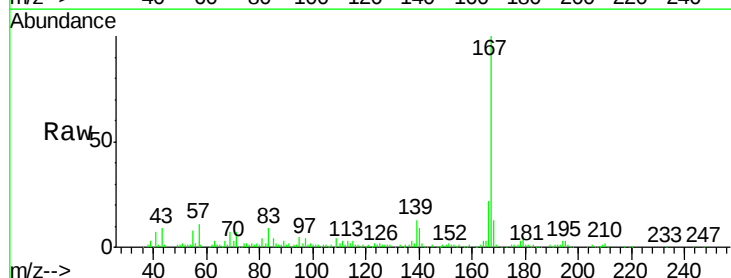
Tgt Ion:167 Resp: 99955

Ion Ratio Lower Upper

167 100

166 21.9 18.2 27.2

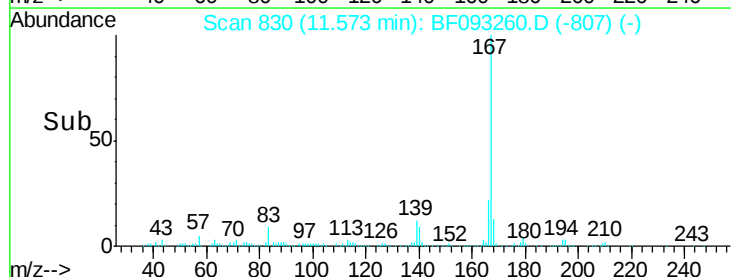
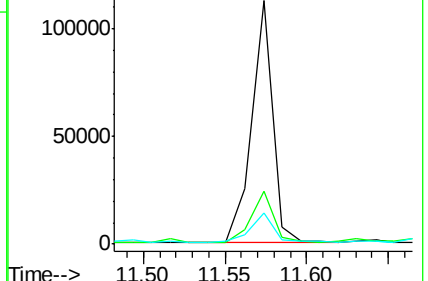
139 12.9 11.4 17.2

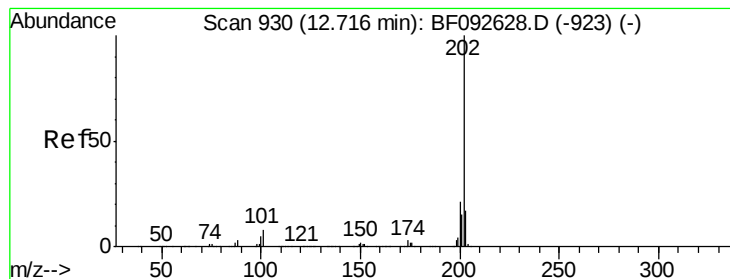


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 80.50 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF093260.D

Acq: 28 Feb 2017 20:39

Instrument :

BNA_F

ClientSampleId :

TK3-10-20170227

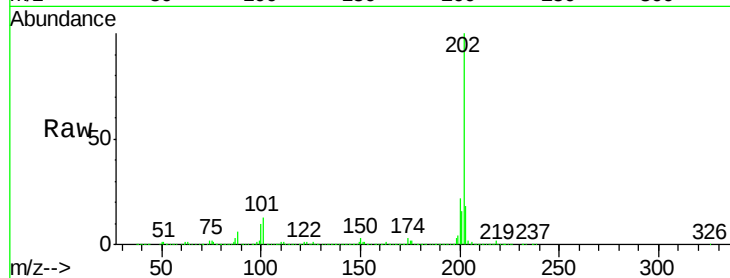
Tgt Ion:202 Resp: 1501683

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.6

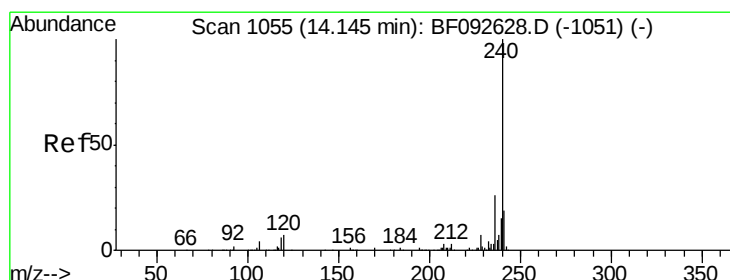
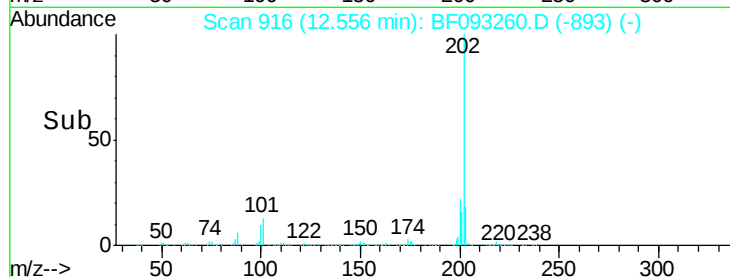
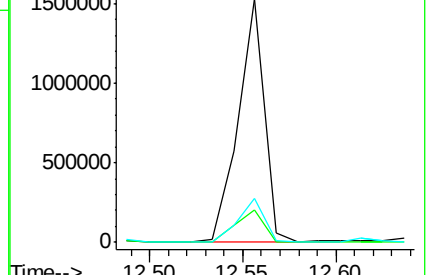
203 18.0 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF093260.D

Acq: 28 Feb 2017 20:39

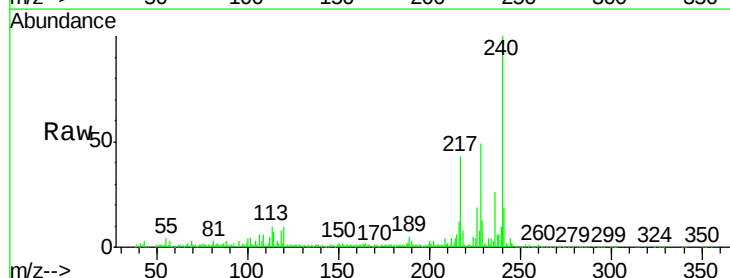
Tgt Ion:240 Resp: 270720

Ion Ratio Lower Upper

240 100

120 9.6 12.9 19.3#

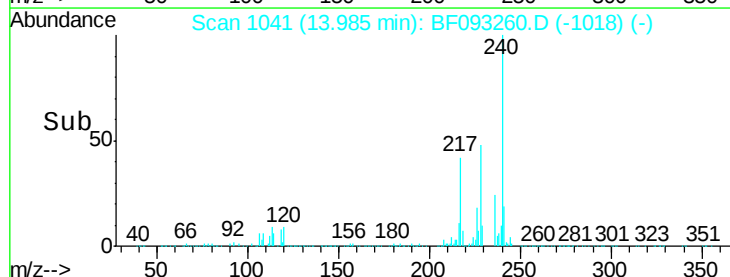
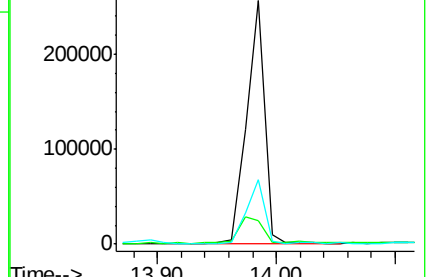
236 26.3 20.9 31.3

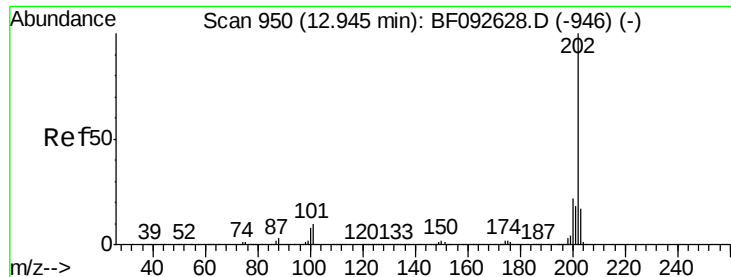


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 74.00 ng

RT: 12.78 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF093260.D

Acq: 28 Feb 2017 20:39

Instrument :

BNA_F

ClientSampleId :

TK3-10-20170227

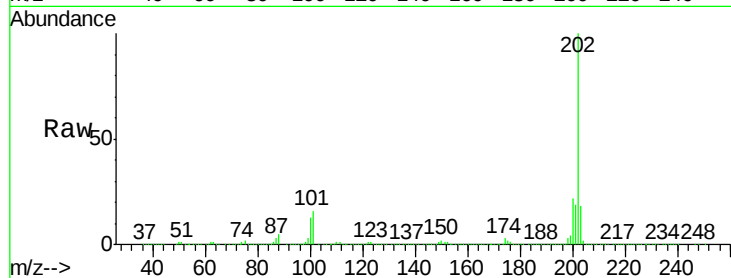
Tgt Ion:202 Resp: 1499138

Ion Ratio Lower Upper

202 100

200 22.3 17.7 26.5

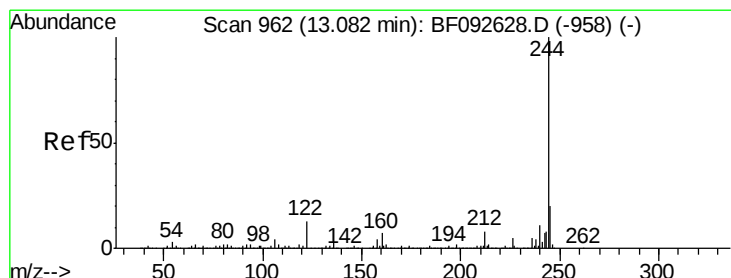
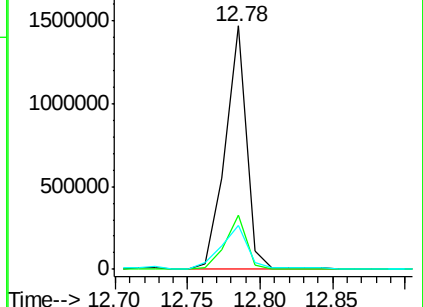
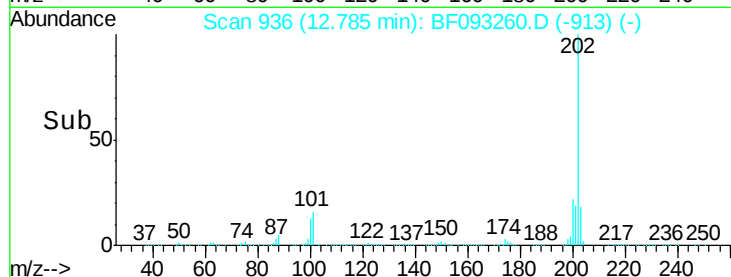
203 18.1 14.7 22.1



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: 67.93 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.05 min

Lab File: BF093260.D

Acq: 28 Feb 2017 20:39

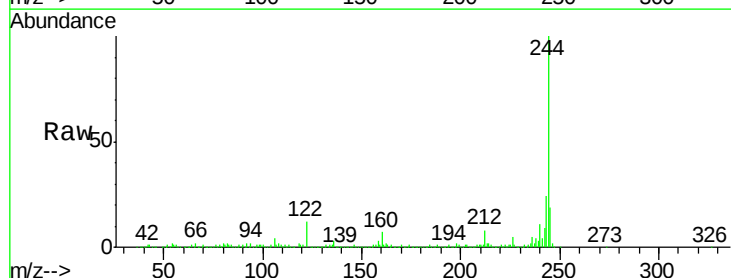
Tgt Ion:244 Resp: 782625

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

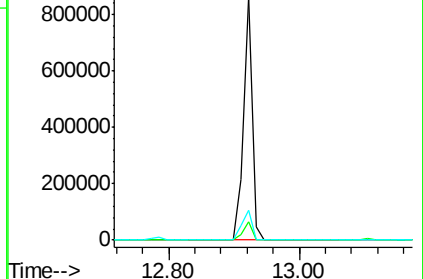
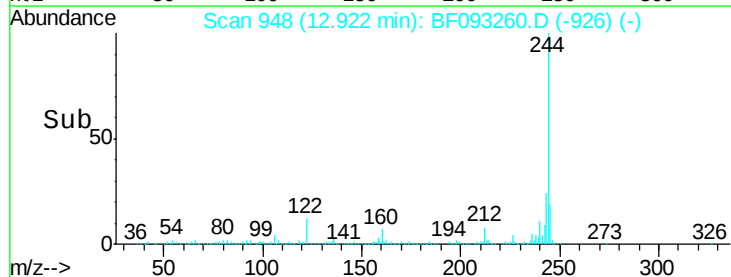
122 12.4 11.4 17.2

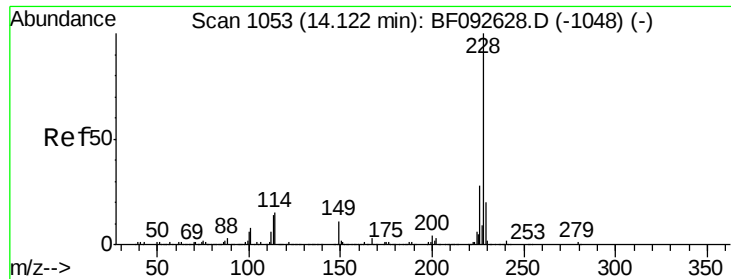


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

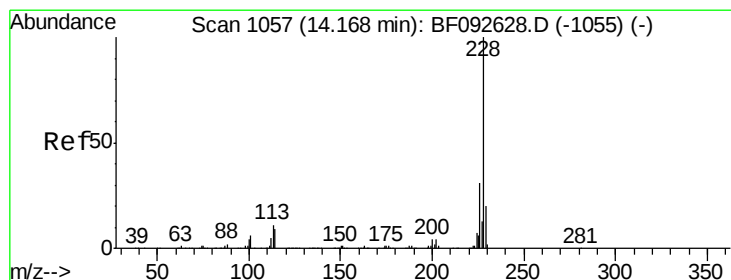
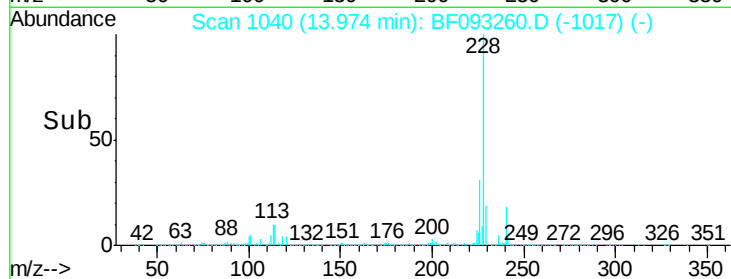
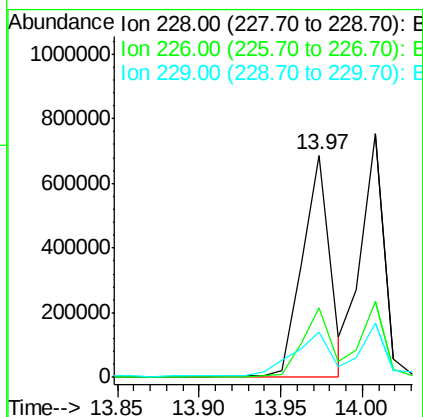
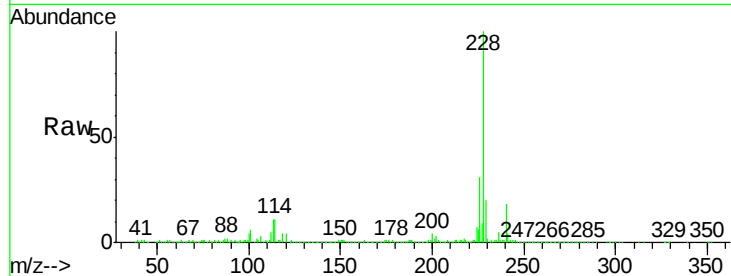




#80
Benzo(a)anthracene
Concen: 49.05 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.03 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

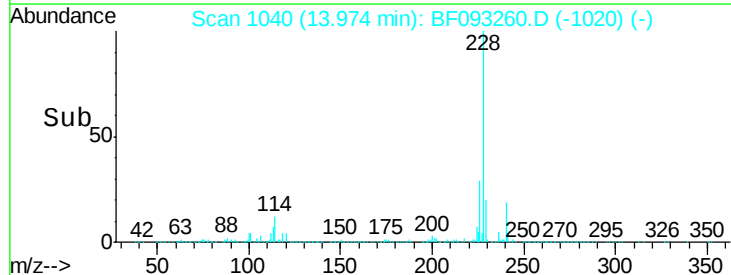
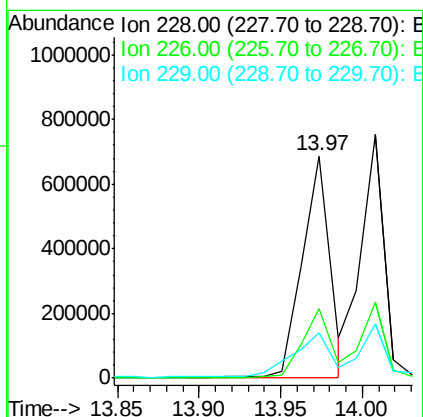
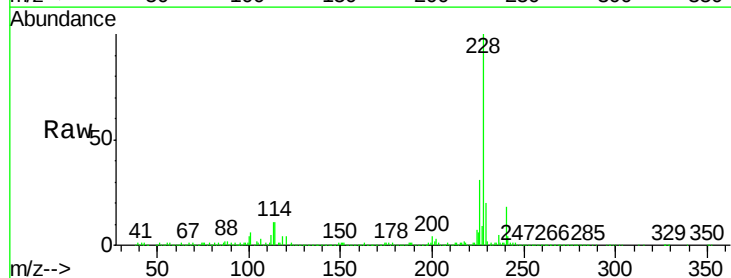
Instrument :
BNA_F
ClientSampleId :
TK3-10-20170227

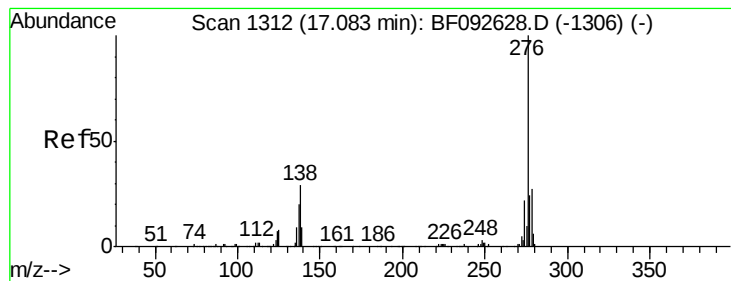
Tgt Ion:228 Resp: 812130
Ion Ratio Lower Upper
228 100
226 31.5 22.4 33.6
229 20.4 16.2 24.4



#82
Chrysene
Concen: 52.39 ng
RT: 13.97 min Scan# 1040
Delta R.T. -0.07 min
Lab File: BF093260.D
Acq: 28 Feb 2017 20:39

Tgt Ion:228 Resp: 812130
Ion Ratio Lower Upper
228 100
226 31.5 25.4 38.0
229 20.4 16.2 24.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 20.43 ng

RT: 16.81 min Scan# 1288

Delta R.T. -0.05 min

Lab File: BF093260.D

Acq: 28 Feb 2017 20:39

Instrument :

BNA_F

ClientSampleId :

TK3-10-20170227

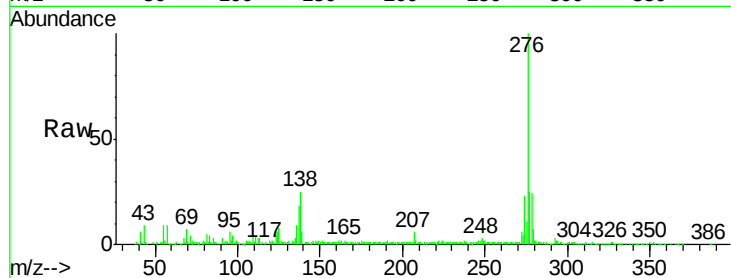
Tgt Ion:276 Resp: 245335

Ion Ratio Lower Upper

276 100

138 29.6 21.8 32.6

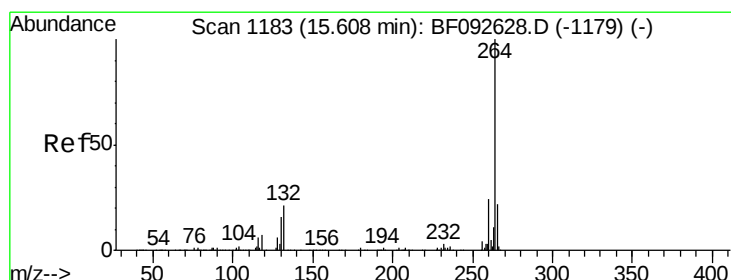
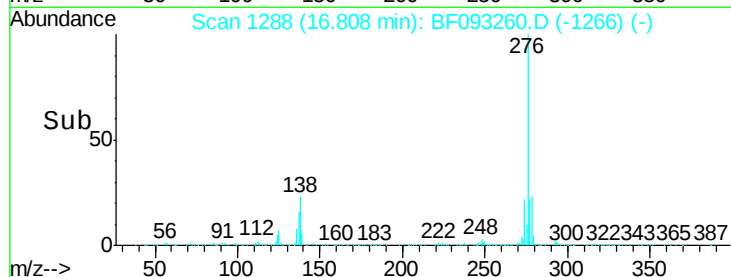
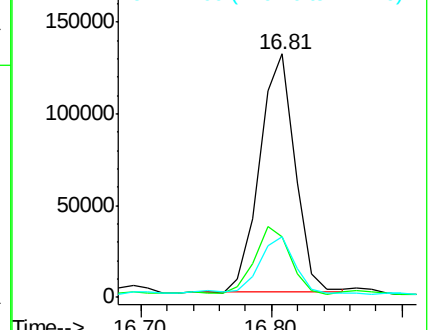
277 25.6 20.2 30.4



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: 15.40 min Scan# 1165

Delta R.T. -0.05 min

Lab File: BF093260.D

Acq: 28 Feb 2017 20:39

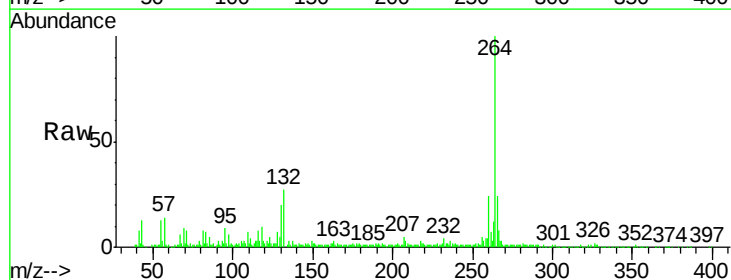
Tgt Ion:264 Resp: 192776

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

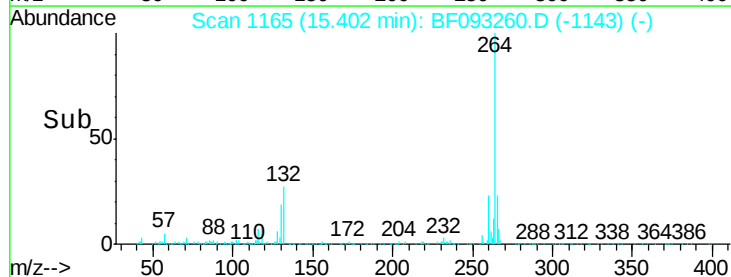
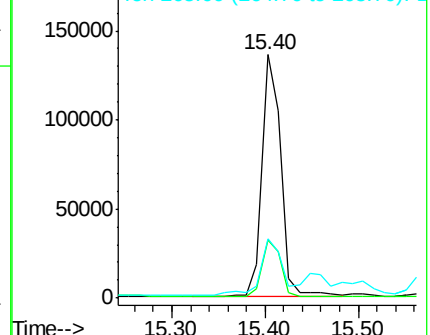
265 24.2 17.4 26.0

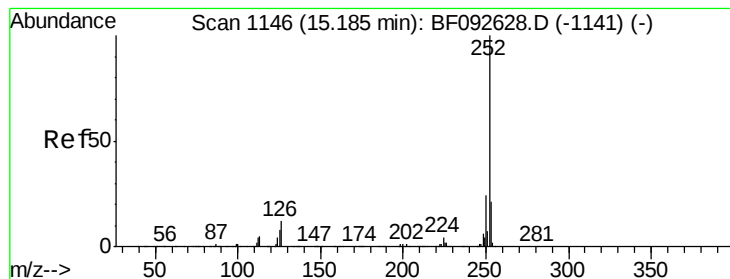


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 68.87 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.03 min

Lab File: BF093260.D

Acq: 28 Feb 2017 20:39

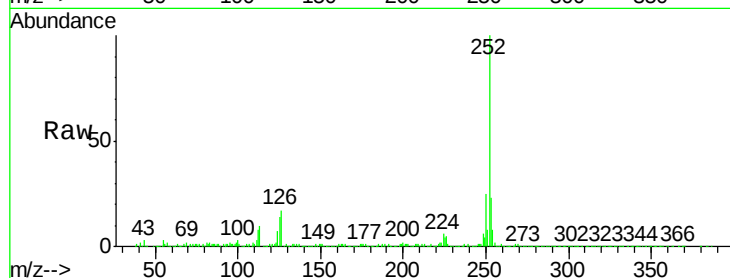
Instrument :

BNA_F

ClientSampleId :

TK3-10-20170227

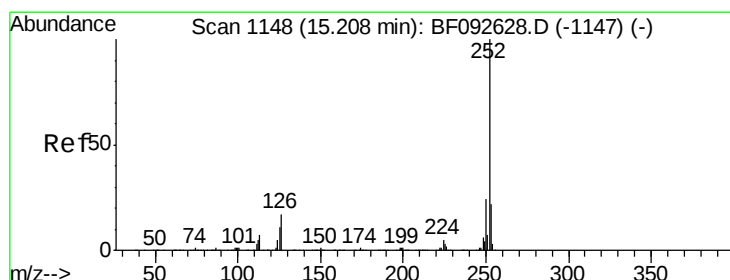
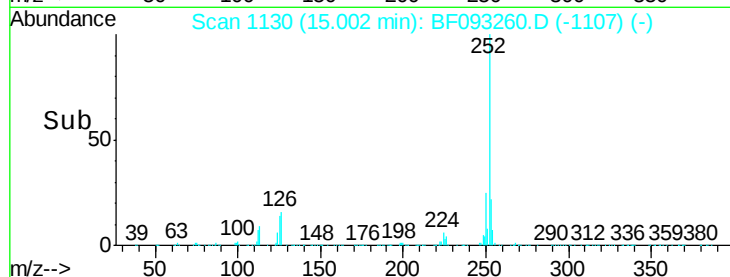
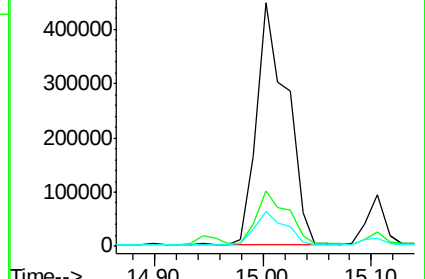
Tgt Ion:	252	Resp:	873847
Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.4
125	14.3	9.8	14.6



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



#88

Benzo(k)fluoranthene

Concen: 79.76 ng

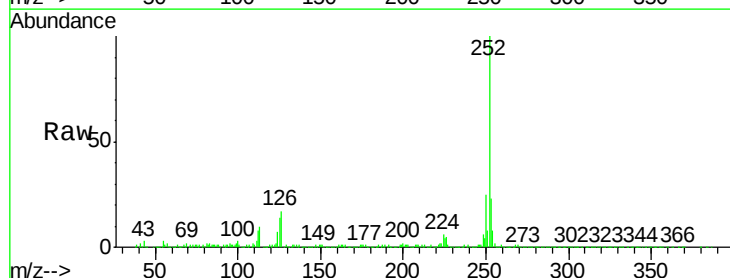
RT: 15.00 min Scan# 1130

Delta R.T. -0.07 min

Lab File: BF093260.D

Acq: 28 Feb 2017 20:39

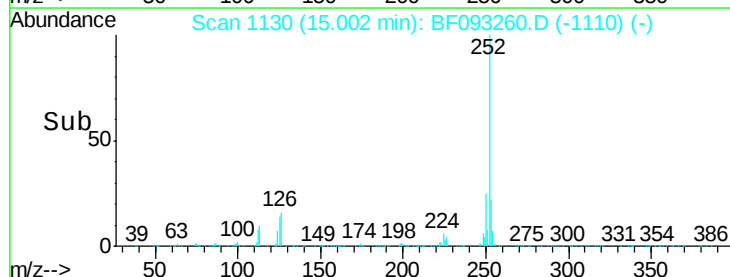
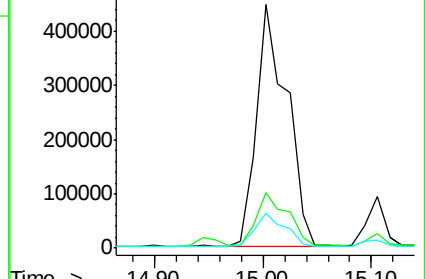
Tgt Ion:	252	Resp:	873847
Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.5	27.7
125	14.3	8.9	13.3#

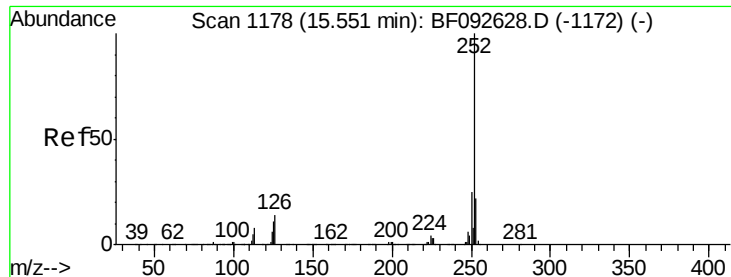


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.53 ng

RT: 15.35 min Scan# 1160

Delta R.T. -0.05 min

Lab File: BF093260.D

Acq: 28 Feb 2017 20:39

Instrument :

BNA_F

ClientSampleId :

TK3-10-20170227

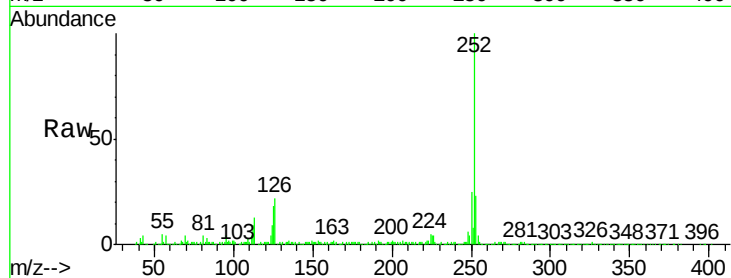
Tgt Ion: 252 Resp: 444845

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.2

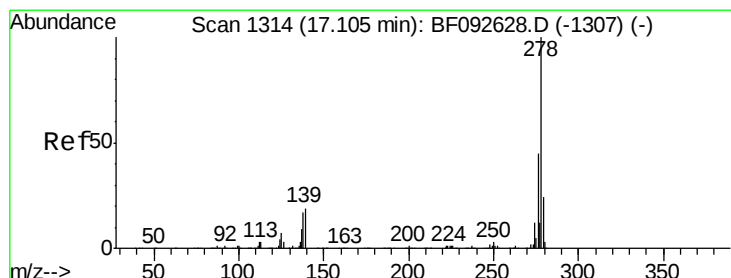
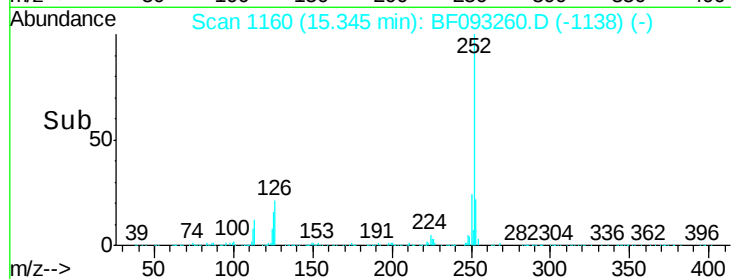
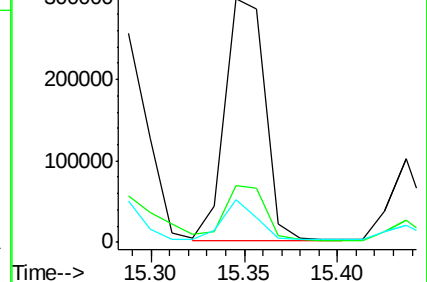
125 17.6 10.0 15.0#



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



#90

Dibenzo(a,h)anthracene

Concen: 2.07 ng

RT: 16.68 min Scan# 1277

Delta R.T. -0.18 min

Lab File: BF093260.D

Acq: 28 Feb 2017 20:39

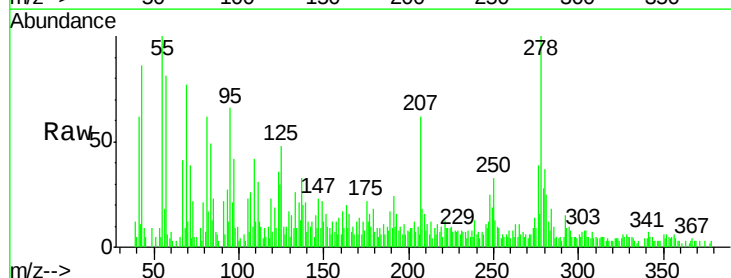
Tgt Ion: 278 Resp: 18350

Ion Ratio Lower Upper

278 100

139 20.8 14.8 22.2

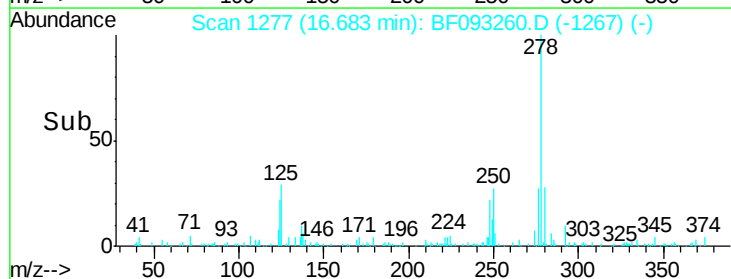
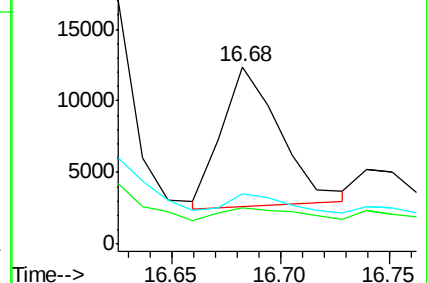
279 28.5 19.8 29.6

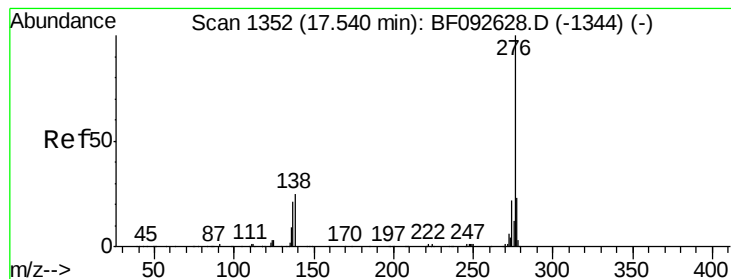


Abundance Ion 278.00 (277.70 to 278.70): E

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: 27.77 ng

RT: 17.23 min Scan# 1325

Delta R.T. -0.06 min

Lab File: BF093260.D

Acq: 28 Feb 2017 20:39

Instrument :

BNA_F

ClientSampleId :

TK3-10-20170227

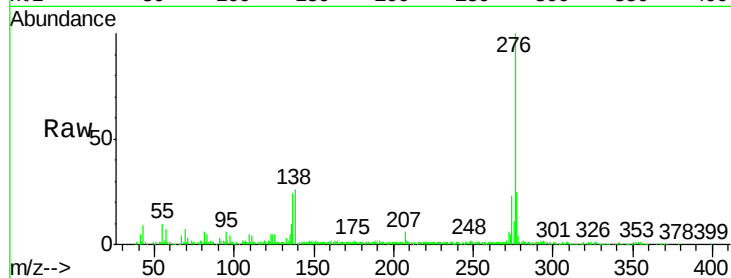
Tgt Ion: 276 Resp: 248894

Ion Ratio Lower Upper

276 100

277 24.6 19.2 28.8

138 26.5 16.0 24.0#



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

