

Data File : BF093262.D
Acq On : 28 Feb 2017 21:35
Operator : SJ/MA
Sample : I2017-15
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TK3-DUP-20170227

Quant Time: Mar 01 02:19:38 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	6.81	152	142394	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	536397	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	231021	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	356117	20.00	ng	-0.05
75) Chrysene-d12	13.99	240	279921	20.00	ng	-0.03
86) Perylene-d12	15.40	264	212558	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	800411	96.44	ng	-0.03
7) Phenol-d6	6.46	99	928382	86.93	ng	-0.02
23) Nitrobenzene-d5	7.38	82	588655	61.11	ng	-0.05
41) 2,4,6-Tribromophenol	10.65	330	152887	91.50	ng	-0.03
44) 2-Fluorobiphenyl	9.17	172	935867	73.39	ng	-0.05
78) Terphenyl-d14	12.92	244	636252	53.41	ng	-0.05

Target Compounds				Qvalue		
10) Phenol	6.48	94	83779	6.71	ng	78
25) Isophorone	7.38	82	510108	28.42	ng	# 65
31) Naphthalene	8.12	128	95821	3.52	ng	99
32) Benzoic acid	7.90	122	3004	7.71	ng	# 78
48) Acenaphthylene	9.71	152	205464	9.09	ng	98
49) Dimethylphthalate	9.57	163	68713	4.42	ng	99
51) Acenaphthene	9.88	154	55119	4.08	ng	97
54) Dibenzofuran	10.05	168	70689	3.91	ng	91
57) Fluorene	10.40	166	88266	6.35	ng	98
64) 4,6-Dinitro-2-methylphenol	10.64	198	322	2.81	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	10843	2.91	ng	# 1
70) Phenanthrene	11.37	178	1424590	69.82	ng	98
71) Anthracene	11.41	178	284426	13.88	ng	98
72) Carbazole	11.57	167	121463	6.20	ng	98
74) Fluoranthene	12.56	202	1496077	71.09	ng	98
77) Pyrene	12.78	202	1529098	72.99	ng	99
80) Benzo(a)anthracene	13.97	228	809845	47.30	ng	96
82) Chrysene	13.97	228	809845	50.52	ng	99
85) Indeno(1,2,3-cd)pyrene	16.81	276	245759	19.79	ng	98
87) Benzo(b)fluoranthene	15.00	252	871406	62.29	ng	97
88) Benzo(k)fluoranthene	15.00	252	870287	72.05	ng	# 96
89) Benzo(a)pyrene	15.36	252	442874	36.60	ng	98
90) Dibenzo(a,h)anthracene	16.68	278	21628	2.21	ng	94
91) Benzo(g,h,i)perylene	17.23	276	250896	25.39	ng	# 91

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

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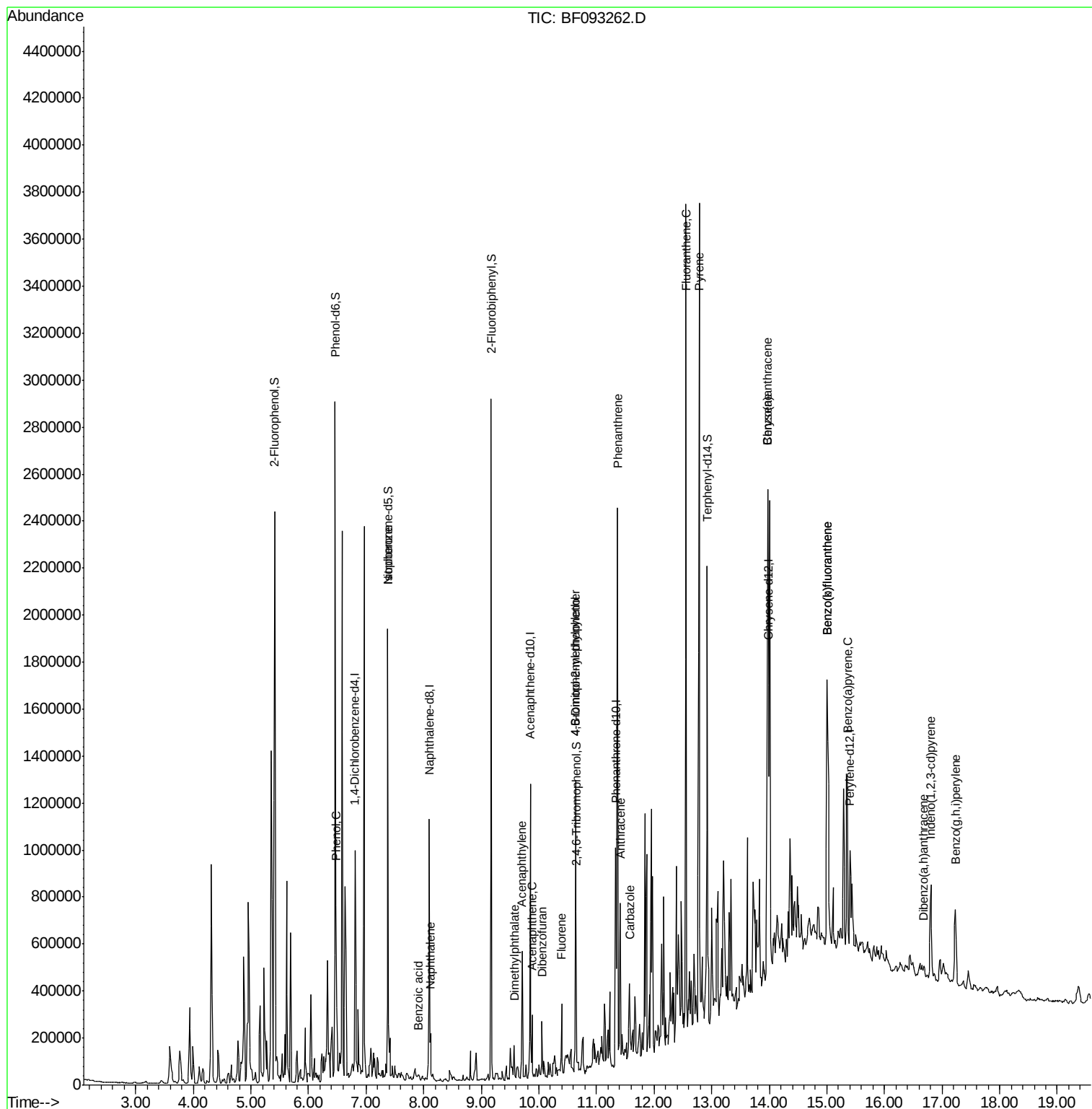
Quant Time: Mar 01 02:19:38 2017

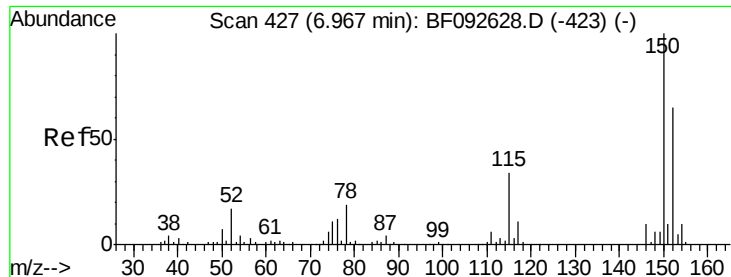
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Feb 17 17:31:55 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF093262.D

Acq: 28 Feb 2017 21:35

Instrument :

BNA_F

ClientSampleId :

TK3-DUP-20170227

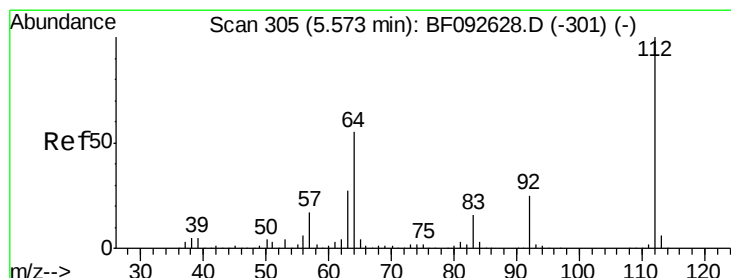
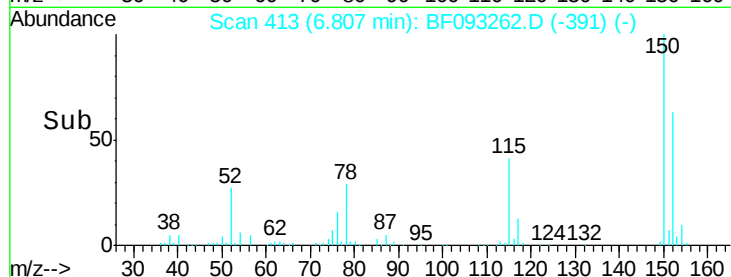
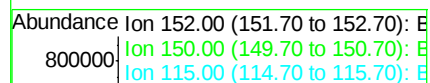
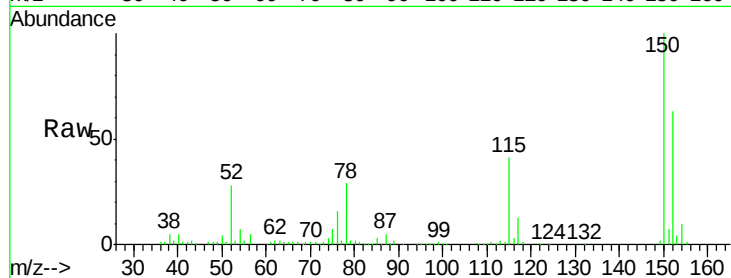
Tgt Ion:152 Resp: 142394

Ion Ratio Lower Upper

152 100

150 158.5 124.9 187.3

115 64.7 46.0 69.0



#5

2-Fluorophenol

Concen: 96.44 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.03 min

Lab File: BF093262.D

Acq: 28 Feb 2017 21:35

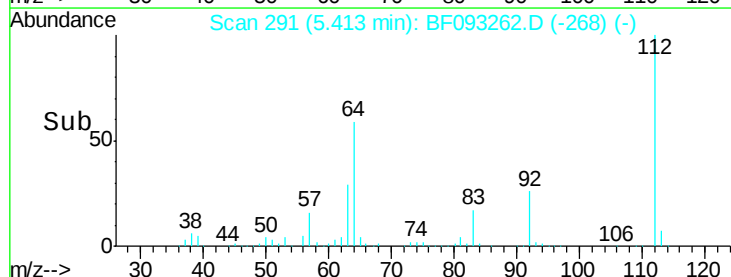
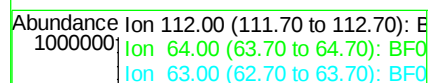
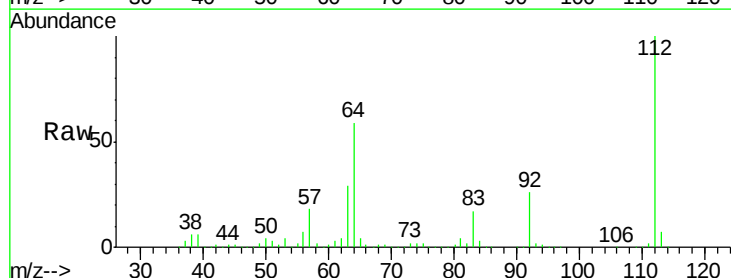
Tgt Ion:112 Resp: 800411

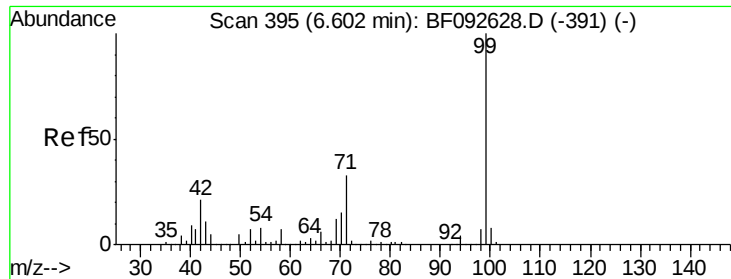
Ion Ratio Lower Upper

112 100

64 59.3 46.1 69.1

63 29.4 23.8 35.6





#7

Phenol-d6

Concen: 86.93 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.02 min

Lab File: BF093262.D

Acq: 28 Feb 2017 21:35

Instrument :

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ClientSampleId :

TK3-DUP-20170227

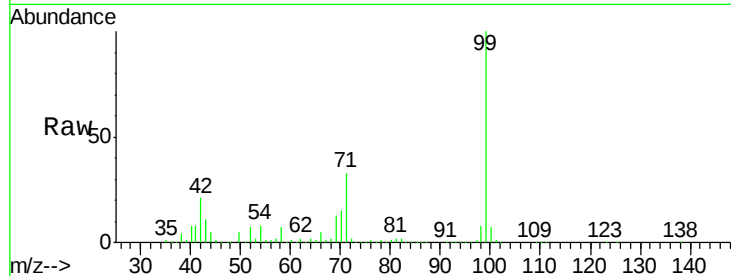
Tgt Ion: 99 Resp: 928382

Ion Ratio Lower Upper

99 100

42 21.1 15.6 23.4

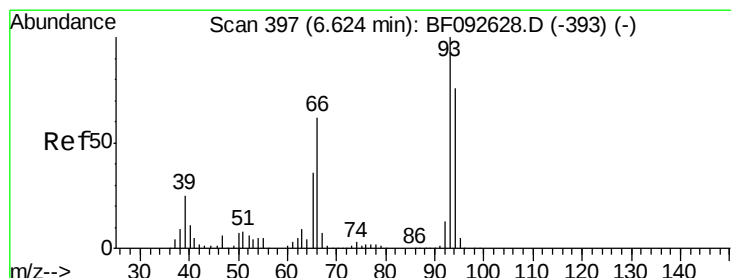
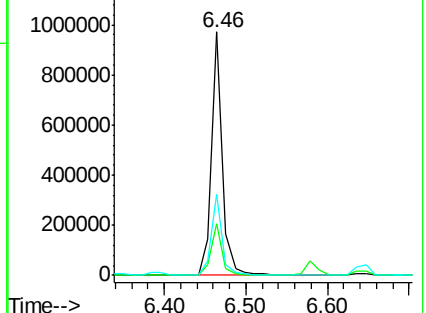
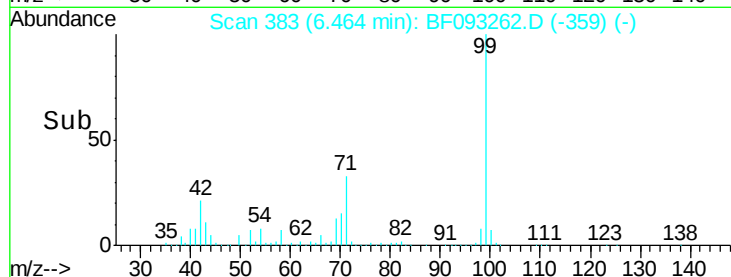
71 33.1 27.5 41.3



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: 6.71 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF093262.D

Acq: 28 Feb 2017 21:35

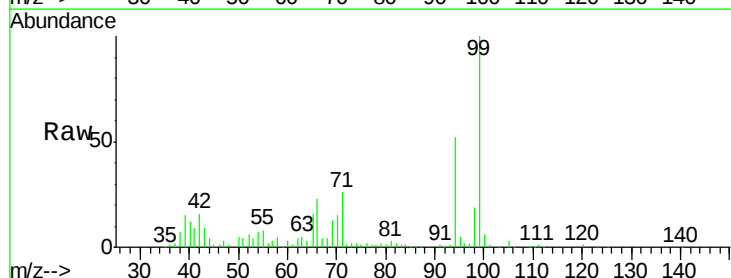
Tgt Ion: 94 Resp: 83779

Ion Ratio Lower Upper

94 100

65 30.2 21.4 61.4

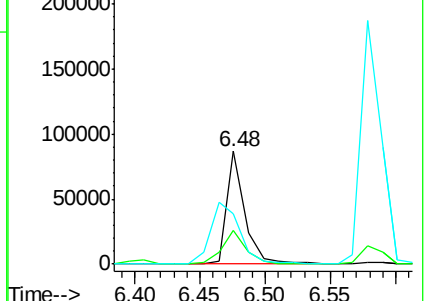
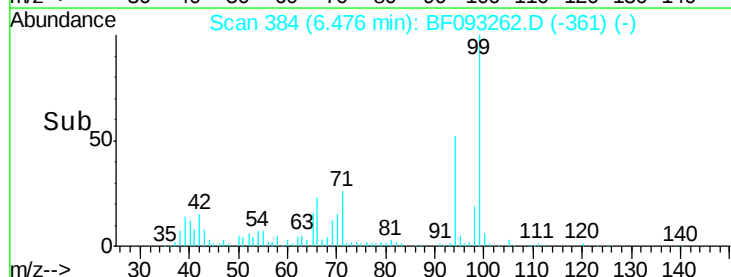
66 44.3 44.0 84.0

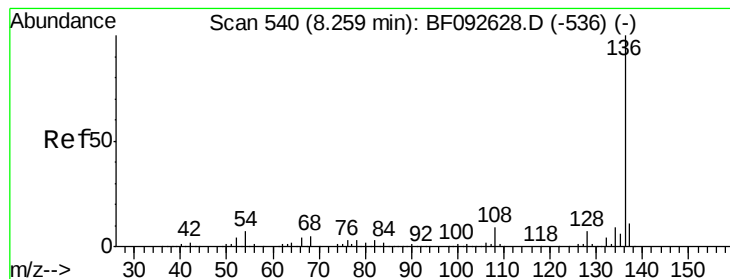


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.05 min

Lab File: BF093262.D

Acq: 28 Feb 2017 21:35

Instrument :

BNA_F

ClientSampleId :

TK3-DUP-20170227

Tgt Ion: 136 Resp: 536397

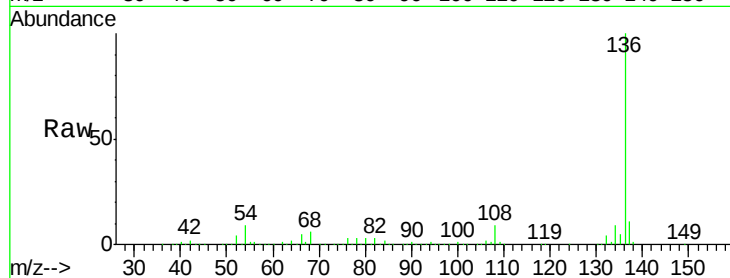
Ion Ratio Lower Upper

136 100

137 10.7 8.4 12.6

54 8.6 4.5 6.7#

68 5.9 3.6 5.4#

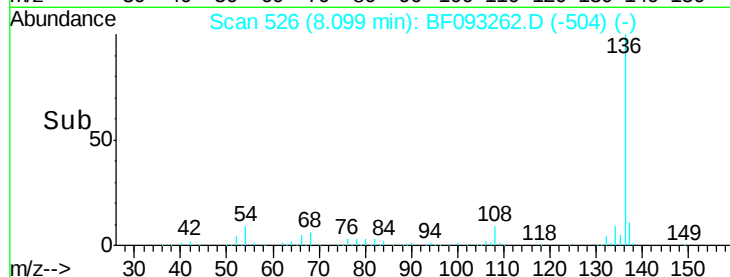


Abundance Ion 136.00 (135.70 to 136.70): E

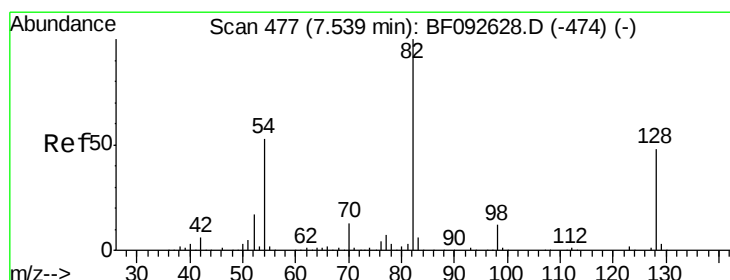
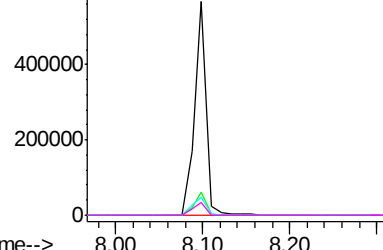
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#23

Nitrobenzene-d5

Concen: 61.11 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.05 min

Lab File: BF093262.D

Acq: 28 Feb 2017 21:35

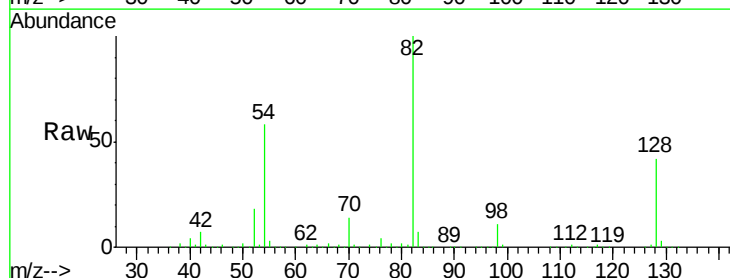
Tgt Ion: 82 Resp: 588655

Ion Ratio Lower Upper

82 100

128 41.8 34.6 52.0

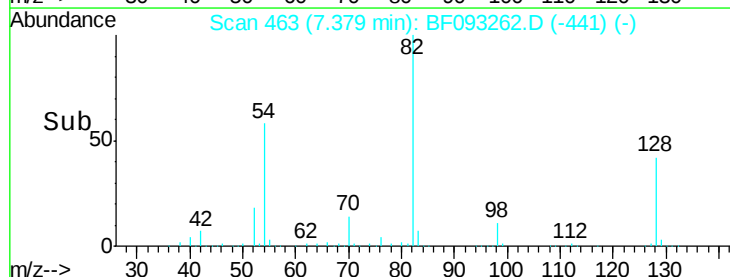
54 58.2 39.5 59.3



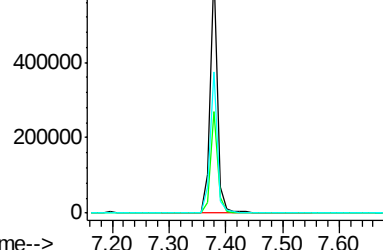
Abundance Ion 82.00 (81.70 to 82.70): BF0

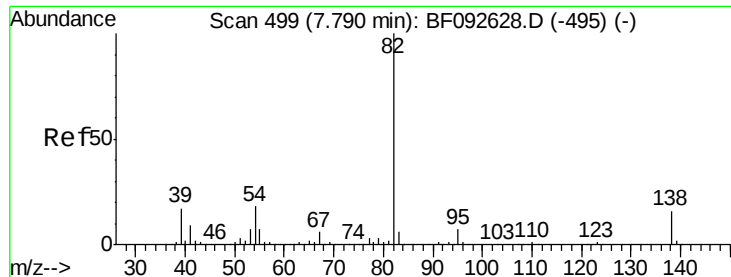
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0



Time-->





#25

Isophorone

Concen: 28.42 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.31 min

Lab File: BF093262.D

Acq: 28 Feb 2017 21:35

Instrument :

BNA_F

ClientSampleId :

TK3-DUP-20170227

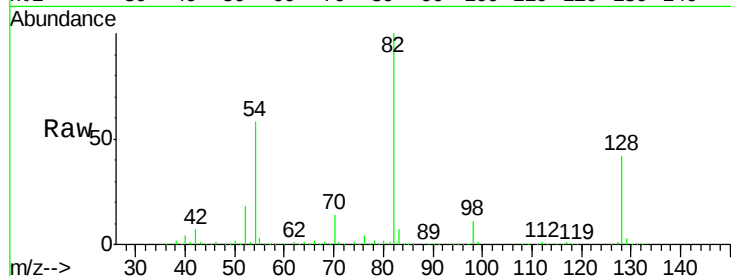
Tgt Ion: 82 Resp: 510108

Ion Ratio Lower Upper

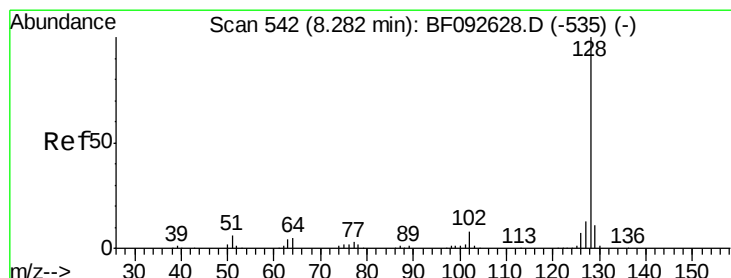
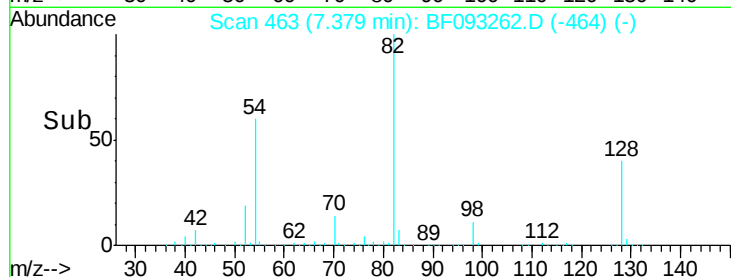
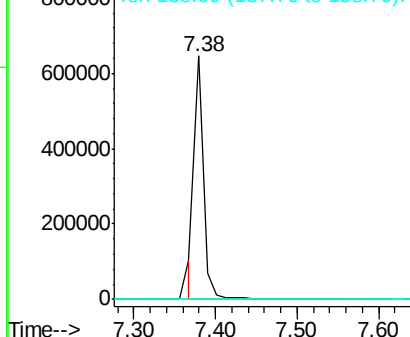
82 100

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): E



#31

Naphthalene

Concen: 3.52 ng

RT: 8.12 min Scan# 528

Delta R.T. -0.05 min

Lab File: BF093262.D

Acq: 28 Feb 2017 21:35

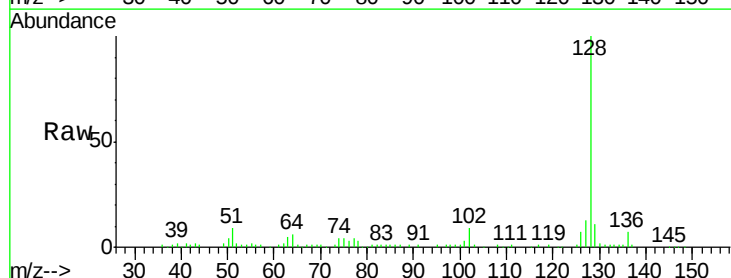
Tgt Ion: 128 Resp: 95821

Ion Ratio Lower Upper

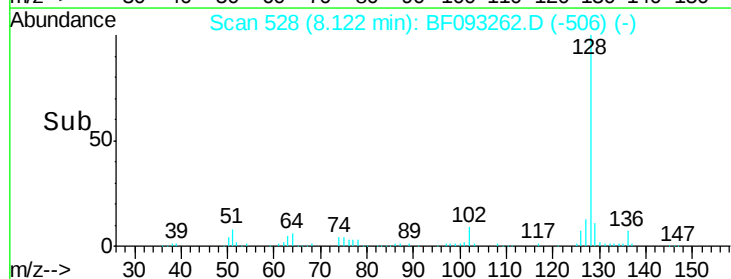
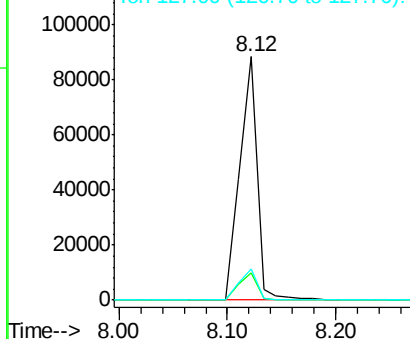
128 100

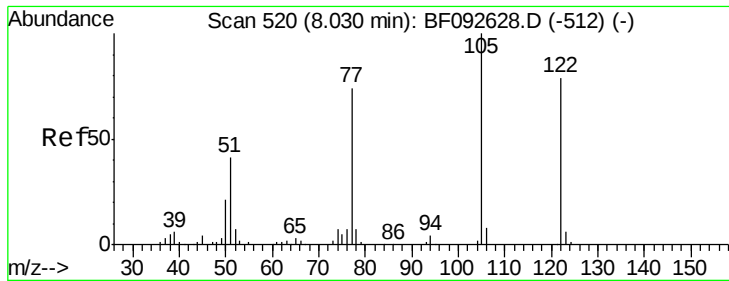
129 11.3 9.5 14.3

127 13.0 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 7.71 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF093262.D

Acq: 28 Feb 2017 21:35

Instrument :

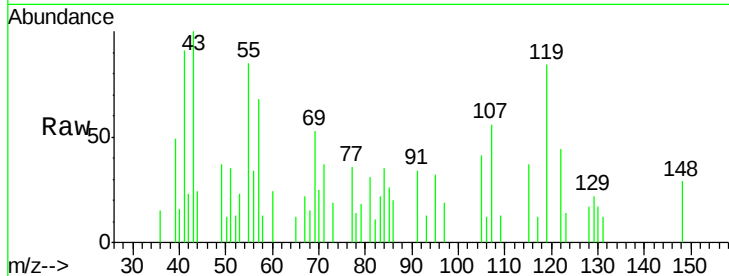
BNA_F

ClientSampleId :

TK3-DUP-20170227

Tgt Ion:122 Resp: 3004

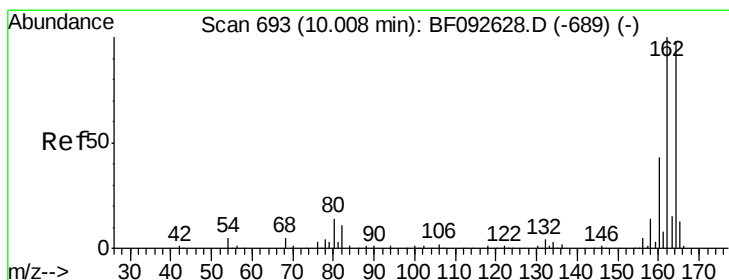
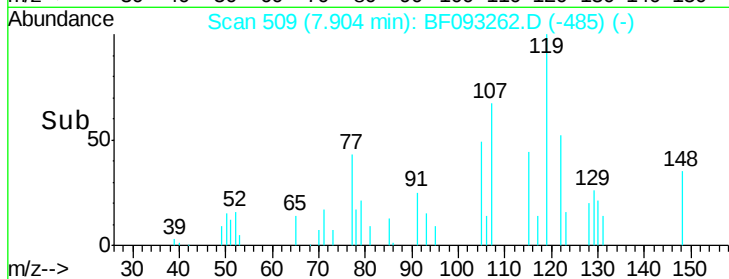
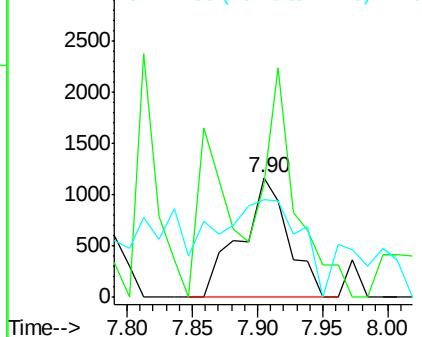
Ion	Ratio	Lower	Upper
122	100		
105	93.9	107.2	147.2#
77	81.9	74.5	114.5



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: 20.00 ng

RT: 9.85 min Scan# 679

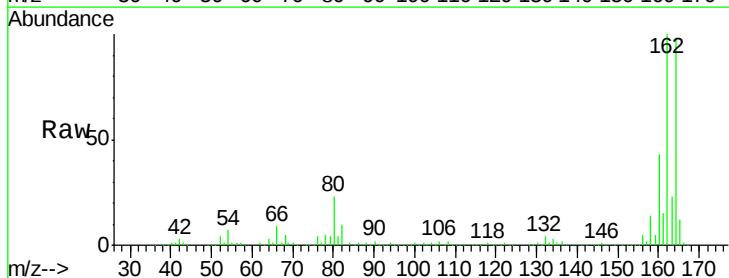
Delta R.T. -0.05 min

Lab File: BF093262.D

Acq: 28 Feb 2017 21:35

Tgt Ion:164 Resp: 231021

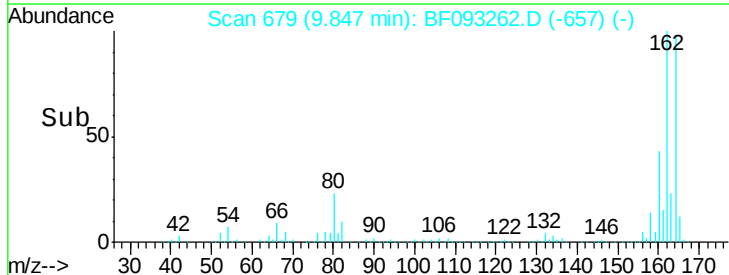
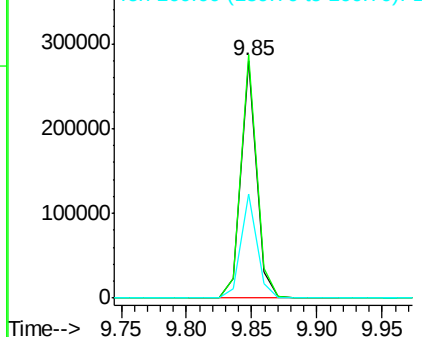
Ion	Ratio	Lower	Upper
164	100		
162	102.5	80.2	120.2
160	44.1	36.9	55.3

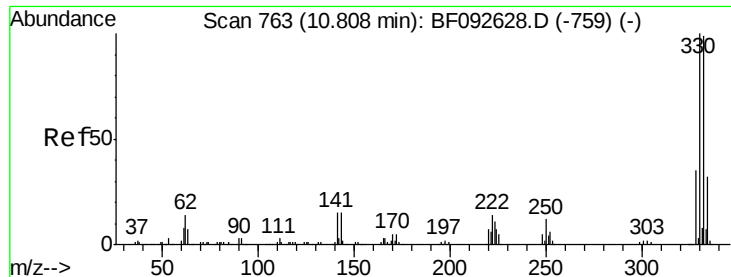


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

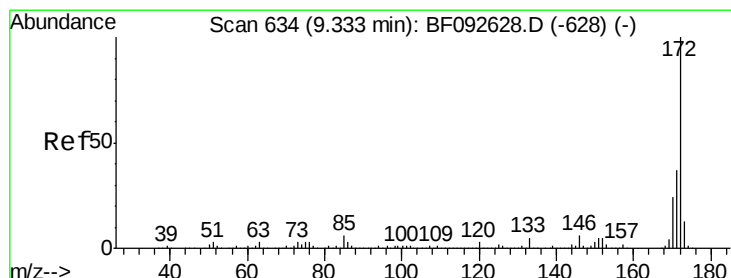
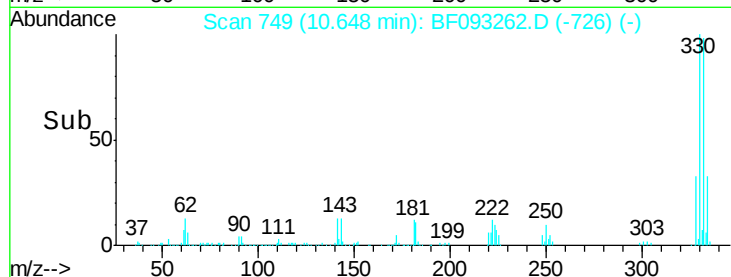
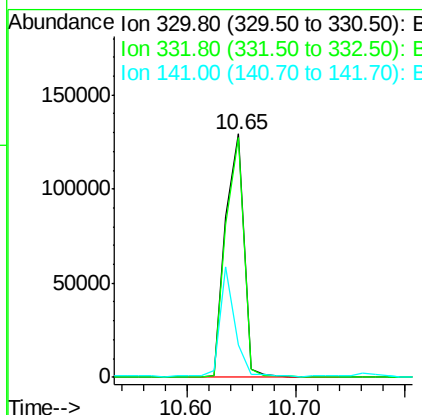
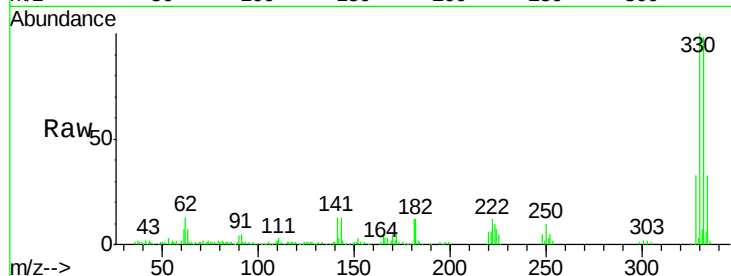




#41
 2,4,6-Tribromophenol
 Concen: 91.50 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF093262.D
 Acq: 28 Feb 2017 21:35

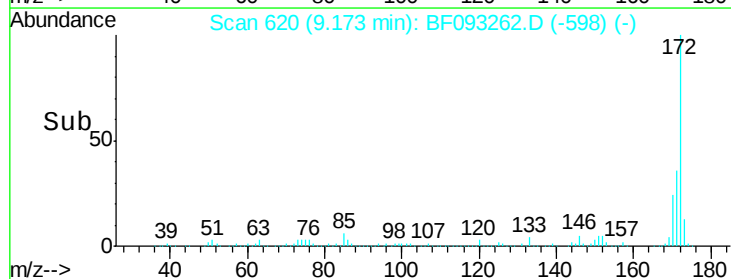
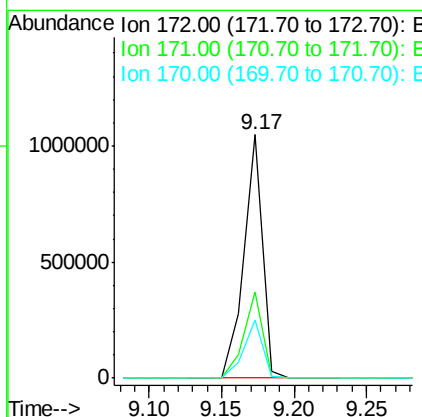
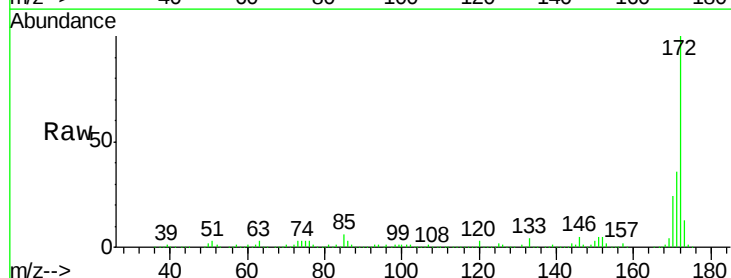
Instrument :
 BNA_F
 ClientSampleId :
 TK3-DUP-20170227

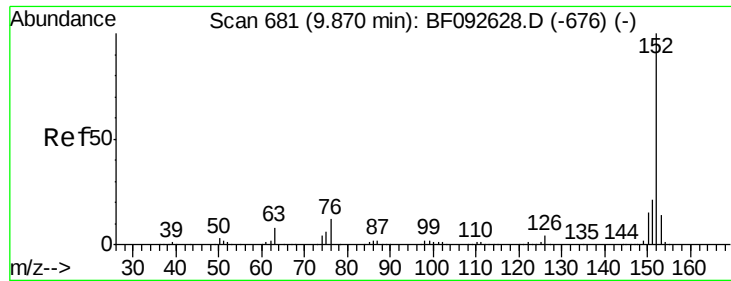
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.4	116.2
141	36.7	34.1	51.1



#44
 2-Fluorobiphenyl
 Concen: 73.39 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093262.D
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Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	24.0	20.2	30.4

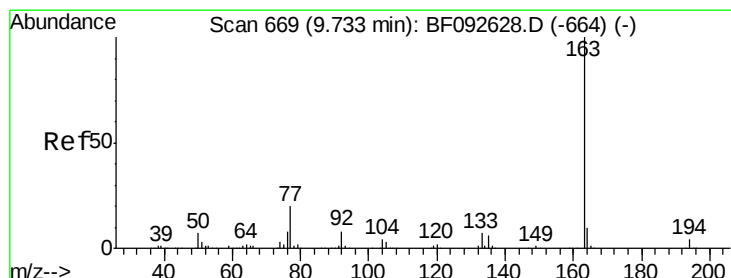
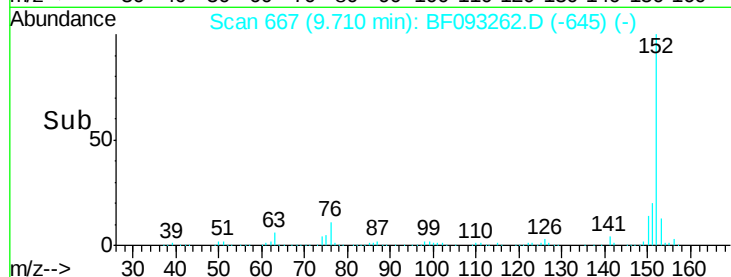
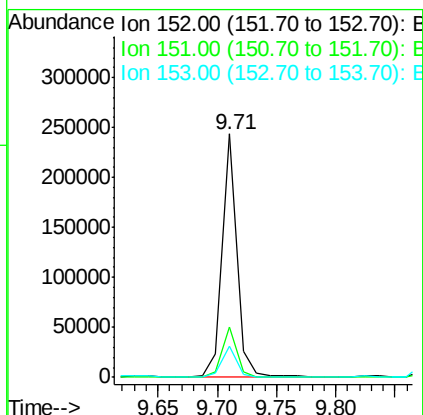
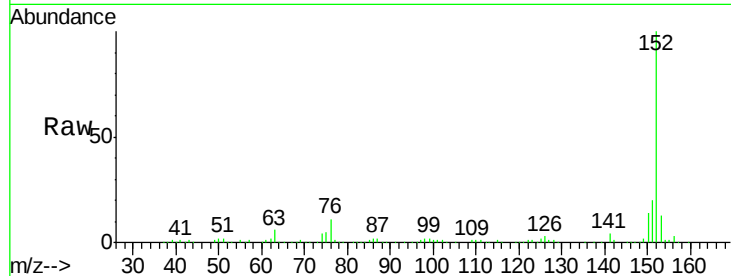




#48
Acenaphthylene
Concen: 9.09 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.05 min
Lab File: BF093262.D
Acq: 28 Feb 2017 21:35

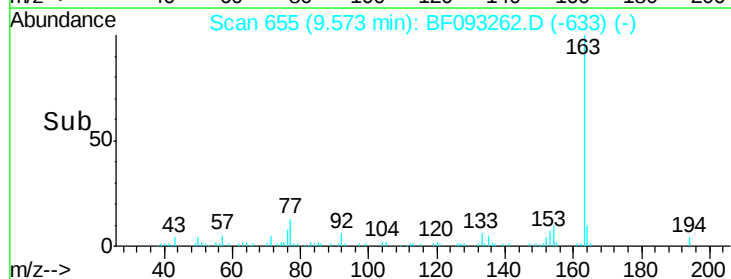
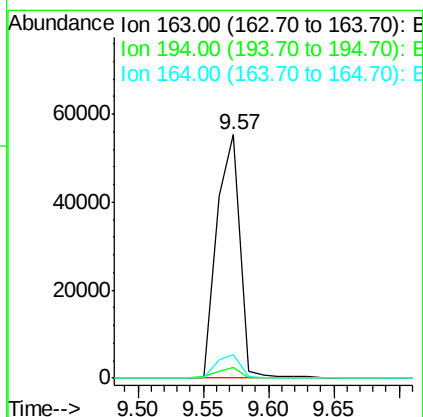
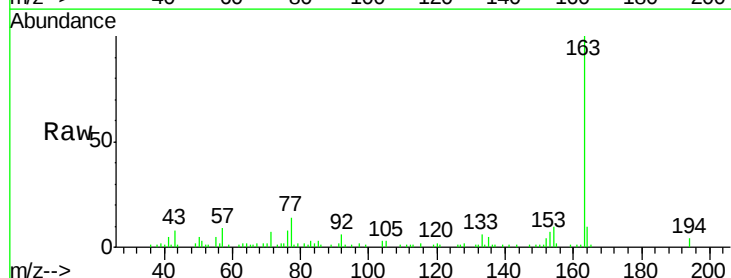
Instrument :
BNA_F
ClientSampleId :
TK3-DUP-20170227

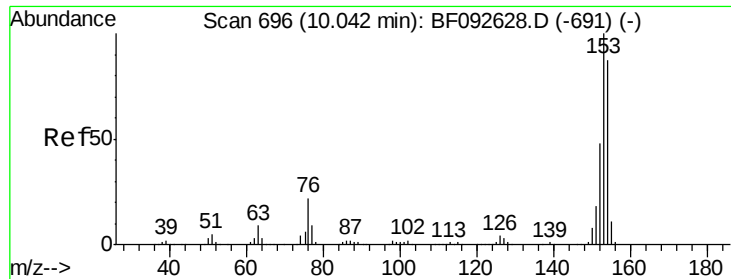
Tgt Ion:152 Resp: 205464
Ion Ratio Lower Upper
152 100
151 20.4 16.9 25.3
153 13.0 11.4 17.2



#49
Dimethylphthalate
Concen: 4.42 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF093262.D
Acq: 28 Feb 2017 21:35

Tgt Ion:163 Resp: 68713
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 9.8 8.0 12.0





#51

Acenaphthene

Concen: 4.08 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.05 min

Lab File: BF093262.D

Acq: 28 Feb 2017 21:35

Instrument :

BNA_F

ClientSampleId :

TK3-DUP-20170227

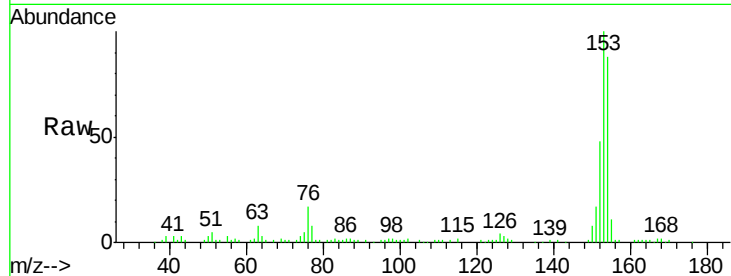
Tgt Ion:154 Resp: 55119

Ion Ratio Lower Upper

154 100

153 113.8 88.6 133.0

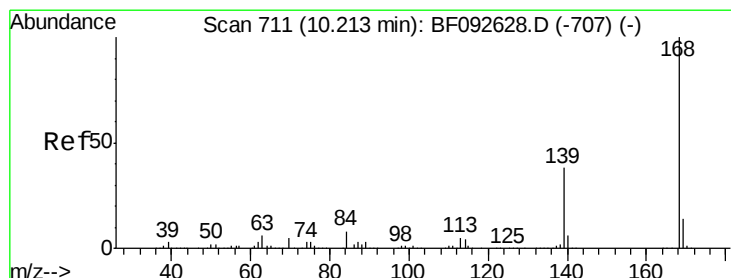
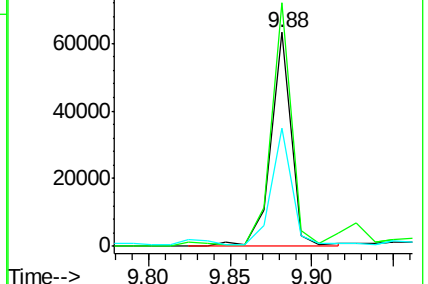
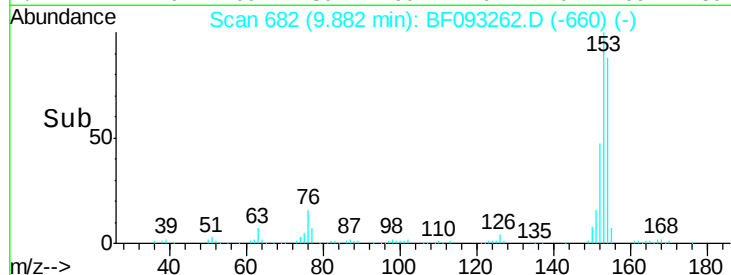
152 55.2 41.6 62.4



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

Dibenzofuran

Concen: 3.91 ng

RT: 10.05 min Scan# 697

Delta R.T. -0.05 min

Lab File: BF093262.D

Acq: 28 Feb 2017 21:35

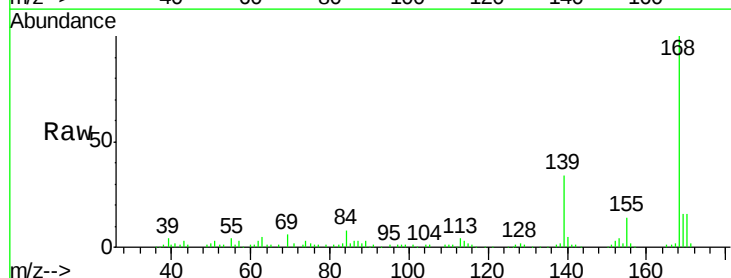
Tgt Ion:168 Resp: 70689

Ion Ratio Lower Upper

168 100

139 34.4 32.6 49.0

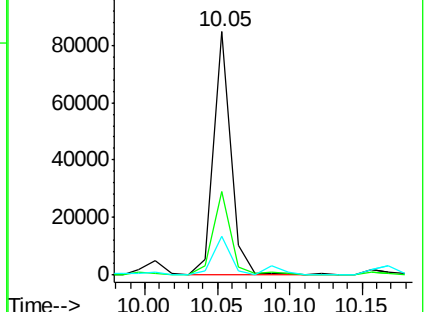
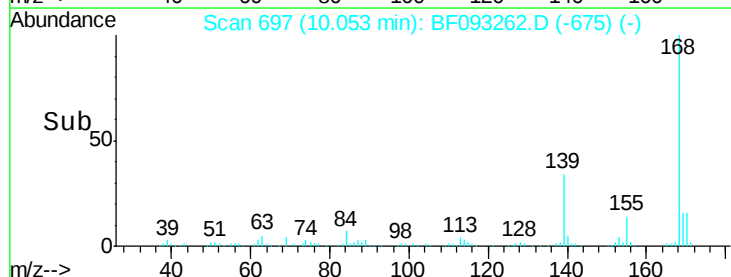
169 16.1 11.3 16.9

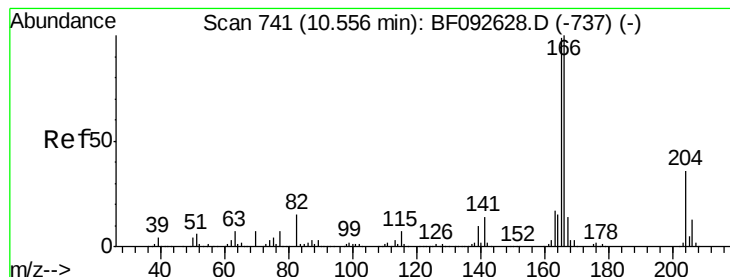


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 6.35 ng

RT: 10.40 min Scan# 727

Delta R.T. -0.05 min

Lab File: BF093262.D

Acq: 28 Feb 2017 21:35

Instrument :

BNA_F

ClientSampleId :

TK3-DUP-20170227

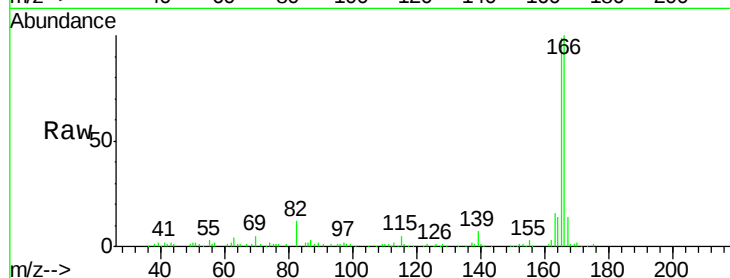
Tgt Ion:166 Resp: 88266

Ion Ratio Lower Upper

166 100

165 99.3 77.8 116.8

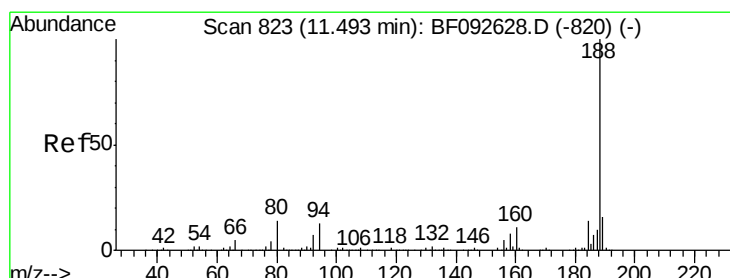
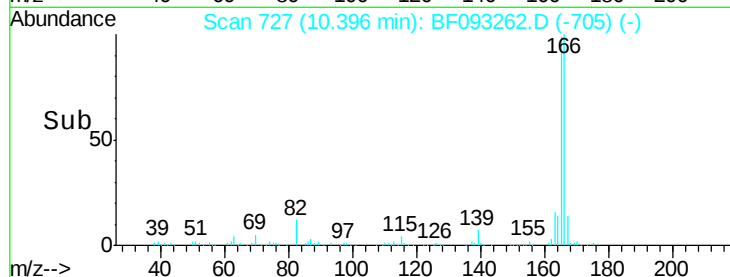
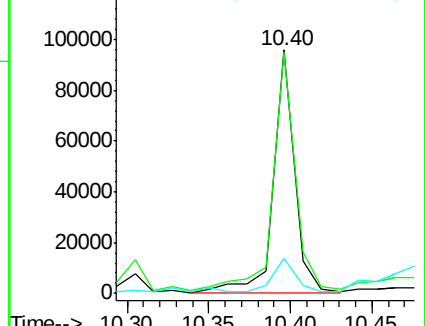
167 14.3 10.8 16.2



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: BF093262.D

Acq: 28 Feb 2017 21:35

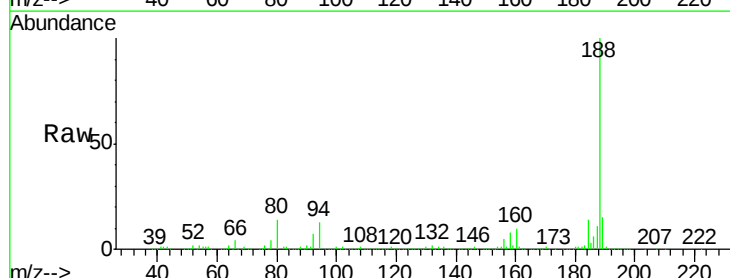
Tgt Ion:188 Resp: 356117

Ion Ratio Lower Upper

188 100

94 12.7 10.0 15.0

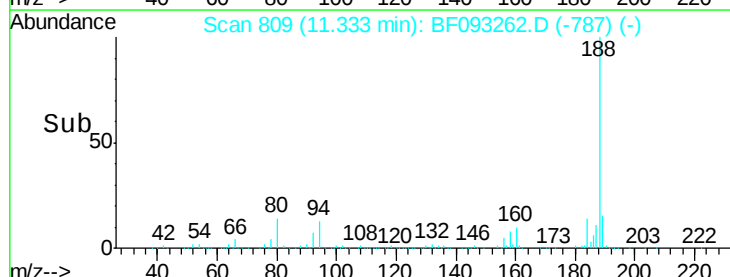
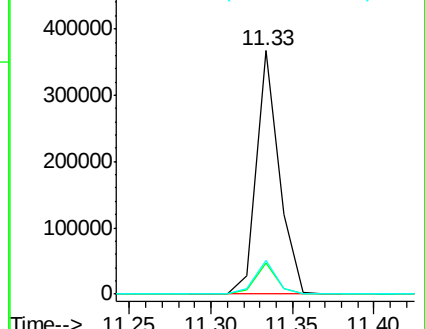
80 13.7 11.2 16.8

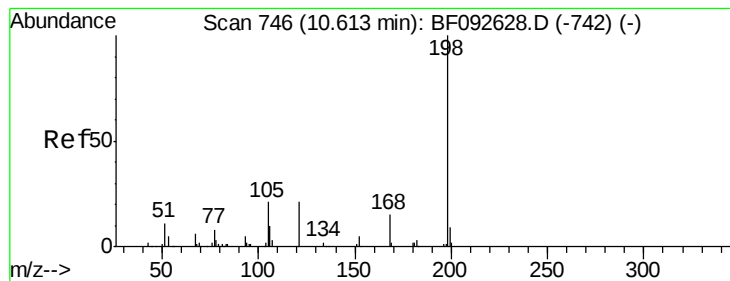


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#64

4,6-Dinitro-2-methylphenol

Concen: 2.81 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.14 min

Lab File: BF093262.D

Acq: 28 Feb 2017 21:35

Instrument :

BNA_F

ClientSampleId :

TK3-DUP-20170227

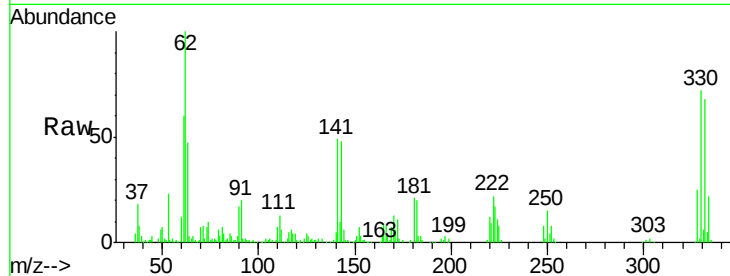
Tgt Ion:198 Resp: 322

Ion Ratio Lower Upper

198 100

51 506.6 6.7 46.7#

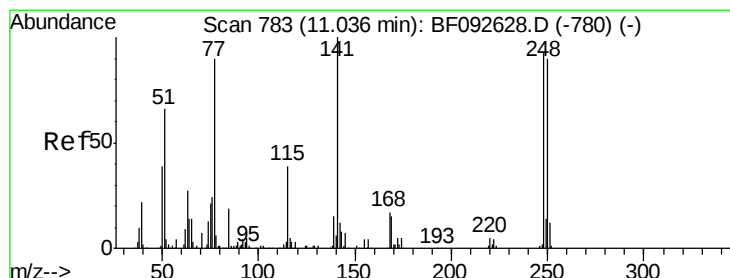
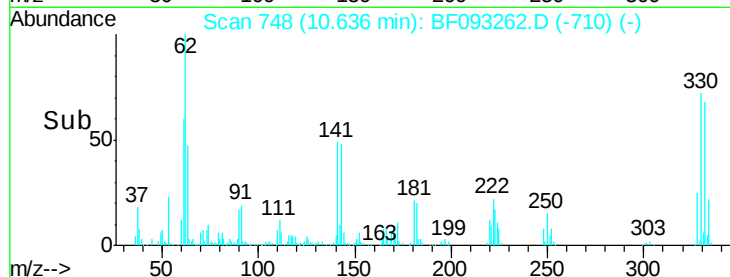
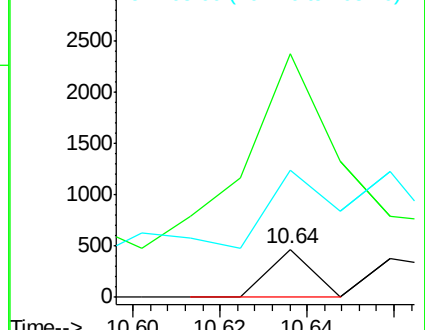
105 264.6 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#66

4-Bromophenyl-phenylether

Concen: 2.91 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.29 min

Lab File: BF093262.D

Acq: 28 Feb 2017 21:35

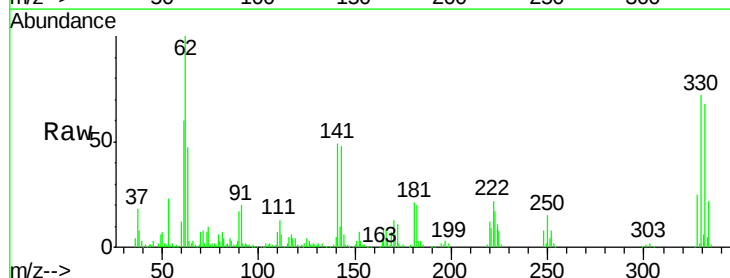
Tgt Ion:248 Resp: 10843

Ion Ratio Lower Upper

248 100

250 188.7 76.9 115.3#

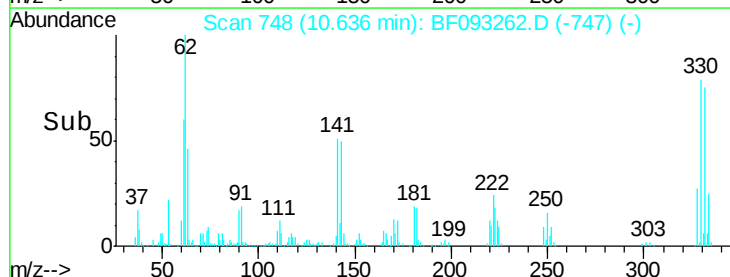
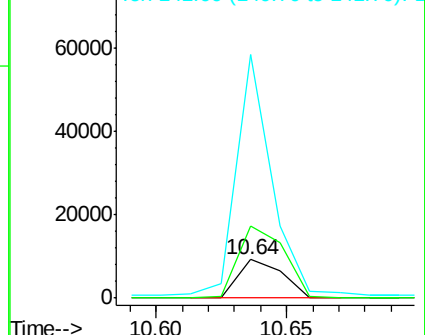
141 637.0 68.2 102.4#

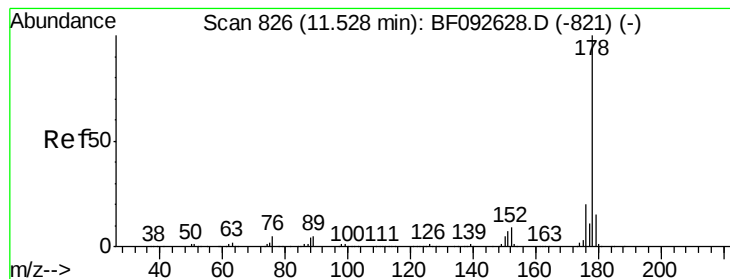


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 69.82 ng

RT: 11.37 min Scan# 812

Delta R.T. -0.03 min

Lab File: BF093262.D

Acq: 28 Feb 2017 21:35

Instrument :

BNA_F

ClientSampleId :

TK3-DUP-20170227

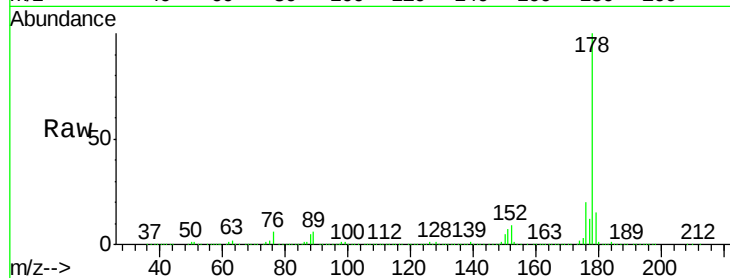
Tgt Ion:178 Resp: 1424590

Ion Ratio Lower Upper

178 100

176 19.6 16.6 25.0

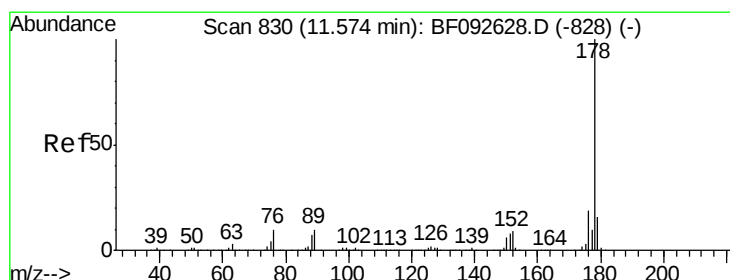
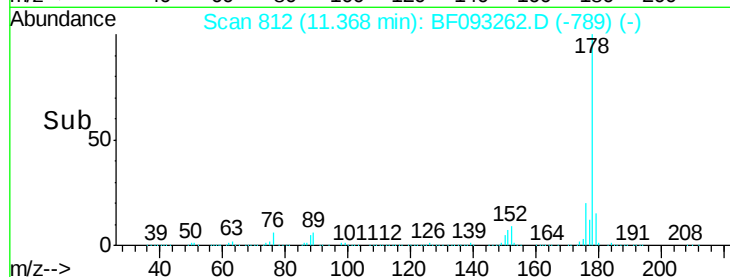
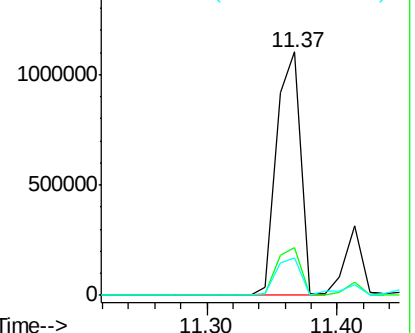
179 15.3 12.8 19.2



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



#71

Anthracene

Concen: 13.88 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.05 min

Lab File: BF093262.D

Acq: 28 Feb 2017 21:35

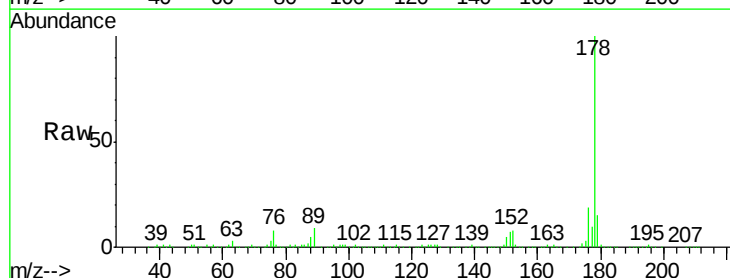
Tgt Ion:178 Resp: 284426

Ion Ratio Lower Upper

178 100

176 18.7 15.9 23.9

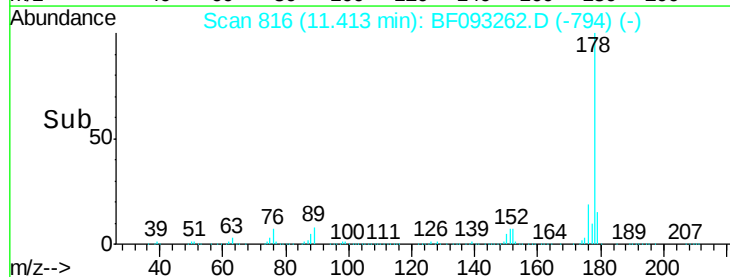
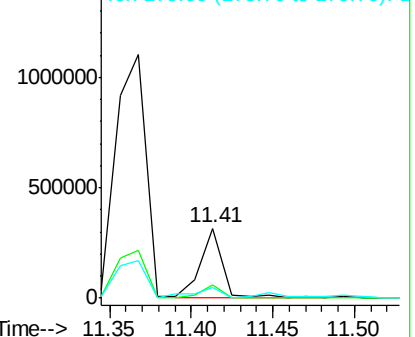
179 15.4 13.2 19.8

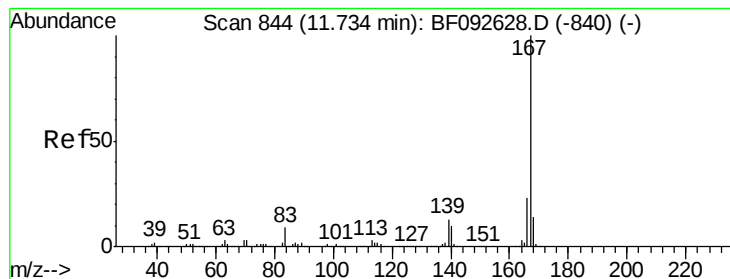


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 6.20 ng

RT: 11.57 min Scan# 830

Delta R.T. -0.03 min

Lab File: BF093262.D

Acq: 28 Feb 2017 21:35

Instrument :

BNA_F

ClientSampleId :

TK3-DUP-20170227

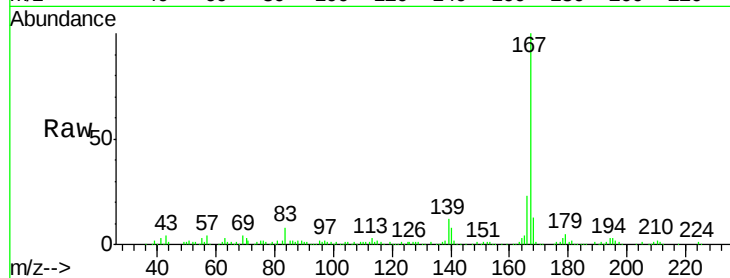
Tgt Ion:167 Resp: 121463

Ion Ratio Lower Upper

167 100

166 22.8 18.2 27.2

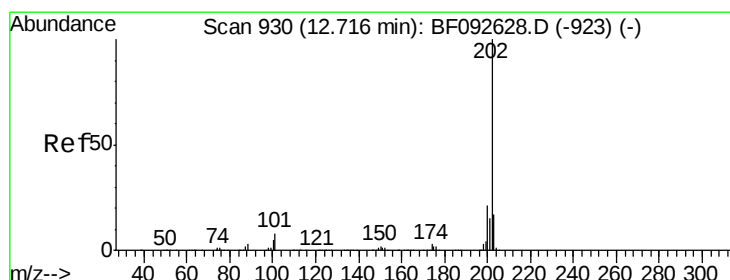
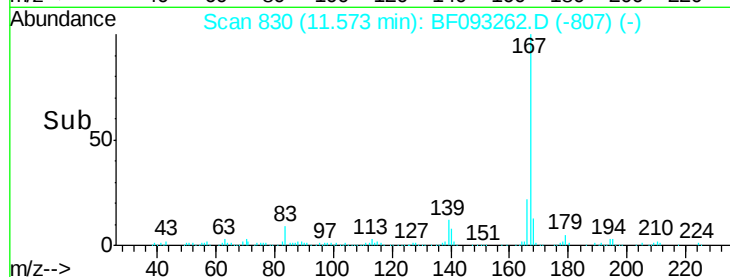
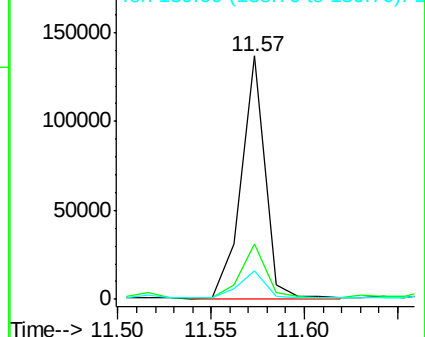
139 11.8 11.4 17.2



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: 71.09 ng

RT: 12.56 min Scan# 916

Delta R.T. -0.03 min

Lab File: BF093262.D

Acq: 28 Feb 2017 21:35

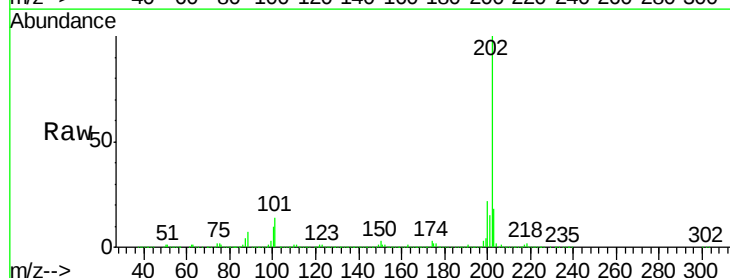
Tgt Ion:202 Resp: 1496077

Ion Ratio Lower Upper

202 100

101 13.7 0.0 34.6

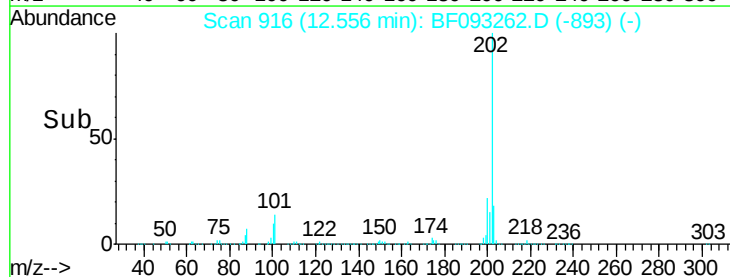
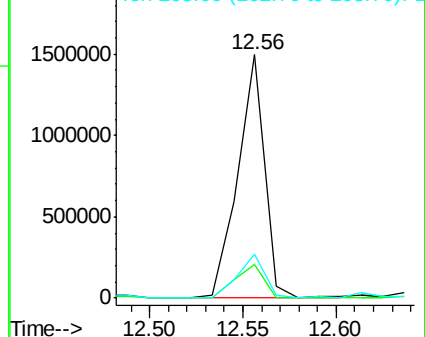
203 17.9 0.0 38.7

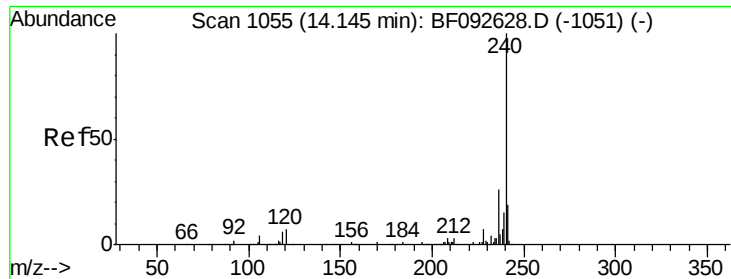


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF093262.D

Acq: 28 Feb 2017 21:35

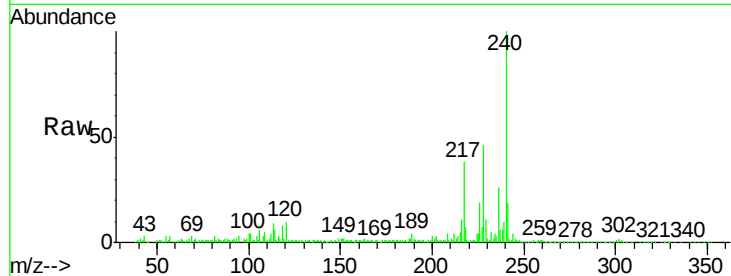
Instrument :

BNA_F

ClientSampleId :

TK3-DUP-20170227

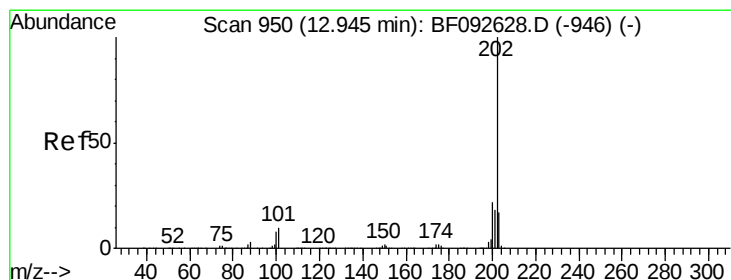
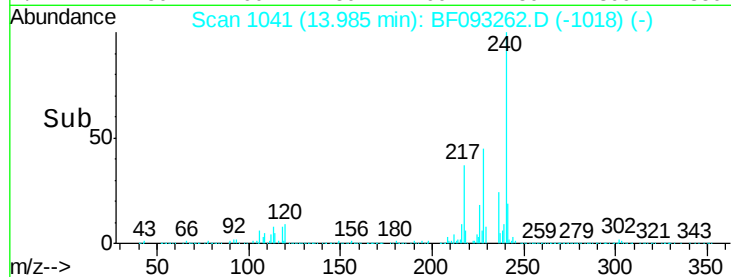
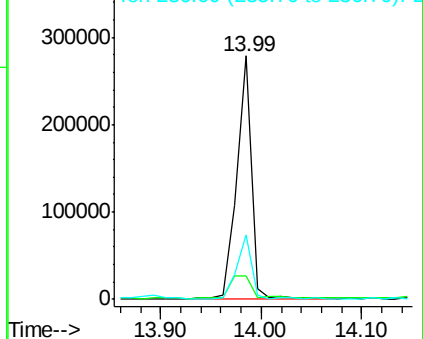
Tgt Ion:	240	Resp:	279921
Ion Ratio	Lower	Upper	
240	100		
120	9.6	12.9	19.3#
236	26.3	20.9	31.3



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: 72.99 ng

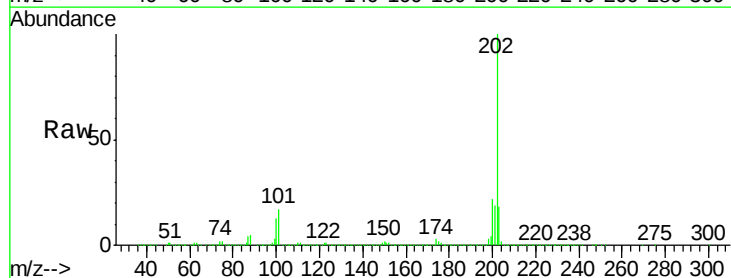
RT: 12.78 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF093262.D

Acq: 28 Feb 2017 21:35

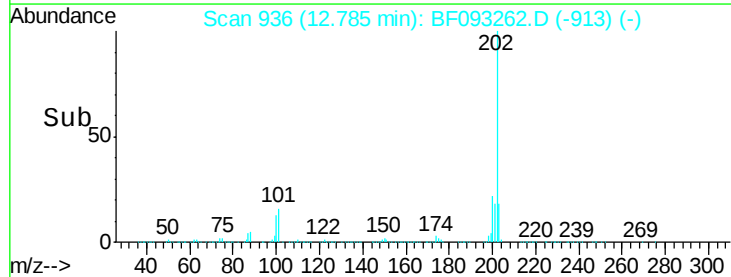
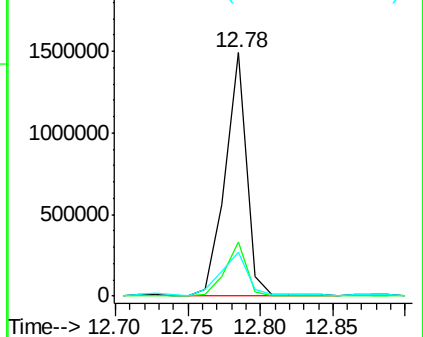
Tgt Ion:	202	Resp:	1529098
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.7	26.5
203	18.1	14.7	22.1

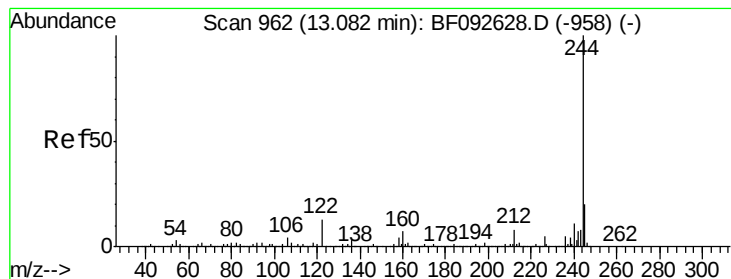


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 53.41 ng

RT: 12.92 min Scan# 948

Delta R.T. -0.05 min

Lab File: BF093262.D

Acq: 28 Feb 2017 21:35

Instrument :

BNA_F

ClientSampleId :

TK3-DUP-20170227

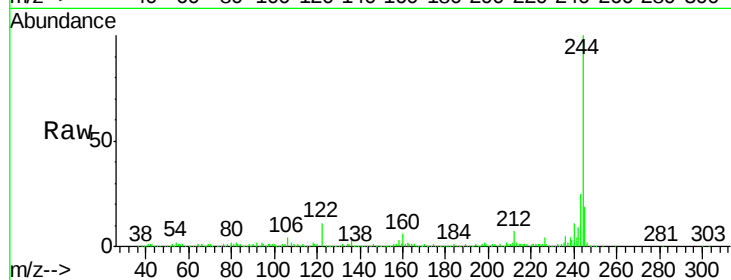
Tgt Ion:244 Resp: 636252

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

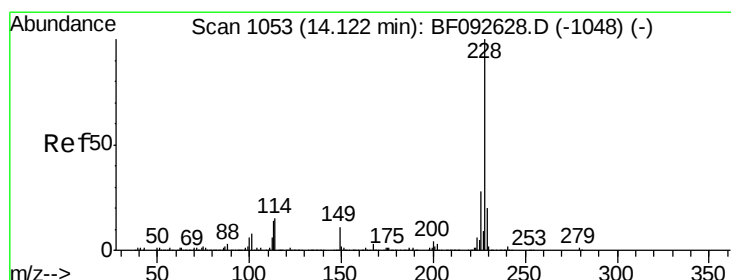
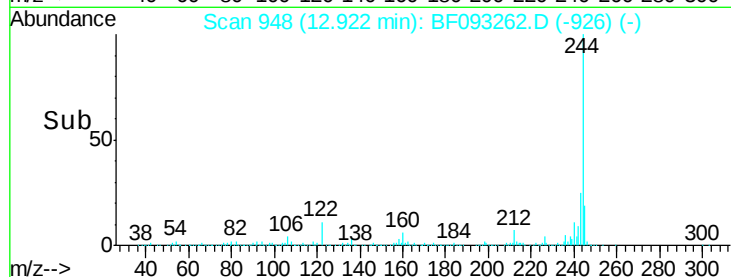
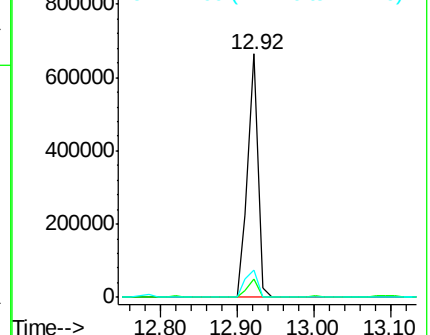
122 11.0 11.4 17.2#



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: 47.30 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.03 min

Lab File: BF093262.D

Acq: 28 Feb 2017 21:35

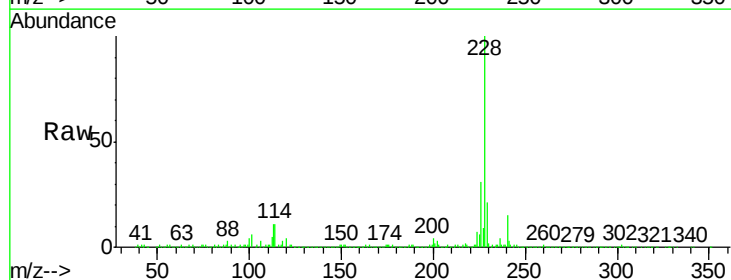
Tgt Ion:228 Resp: 809845

Ion Ratio Lower Upper

228 100

226 31.5 22.4 33.6

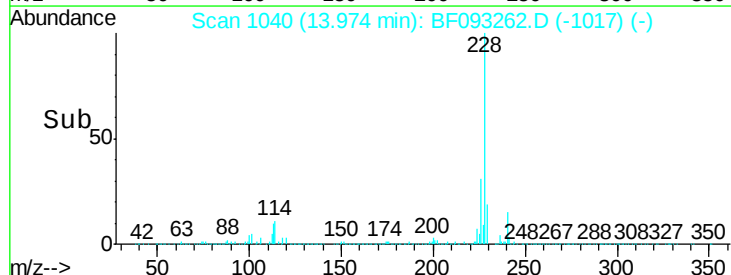
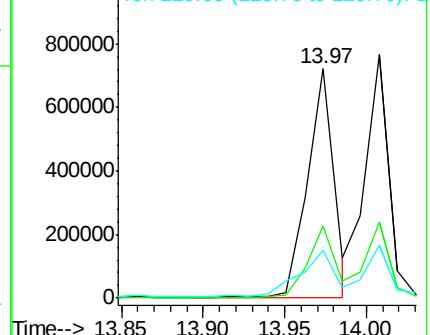
229 20.7 16.2 24.4

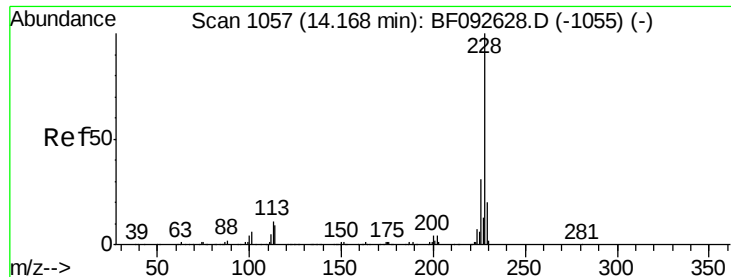


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 50.52 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.07 min

Lab File: BF093262.D

Acq: 28 Feb 2017 21:35

Instrument :

BNA_F

ClientSampleId :

TK3-DUP-20170227

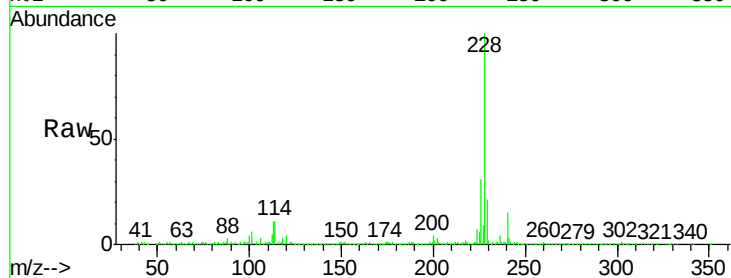
Tgt Ion:228 Resp: 809845

Ion Ratio Lower Upper

228 100

226 31.5 25.4 38.0

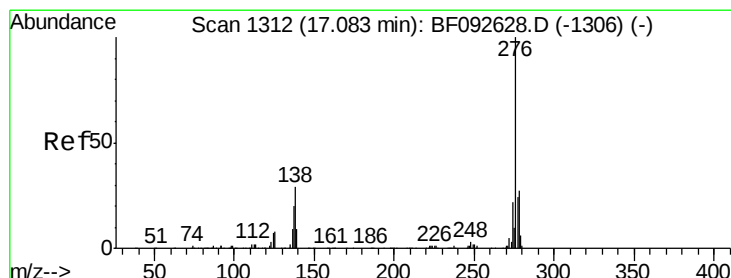
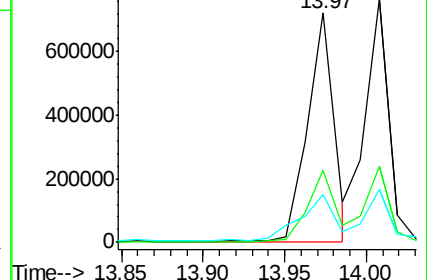
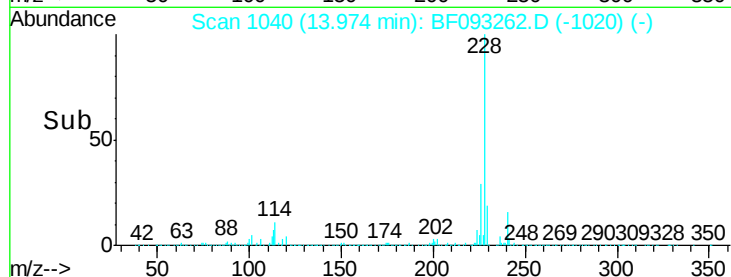
229 20.7 16.2 24.2



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: 19.79 ng

RT: 16.81 min Scan# 1288

Delta R.T. -0.05 min

Lab File: BF093262.D

Acq: 28 Feb 2017 21:35

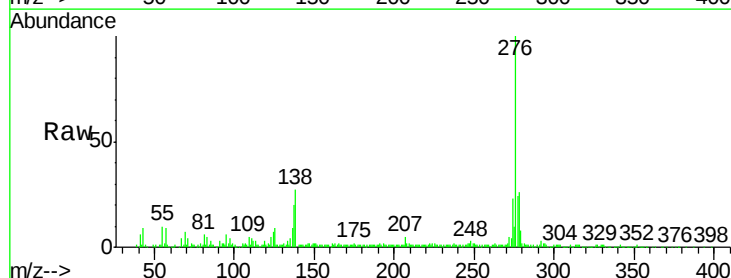
Tgt Ion:276 Resp: 245759

Ion Ratio Lower Upper

276 100

138 28.7 21.8 32.6

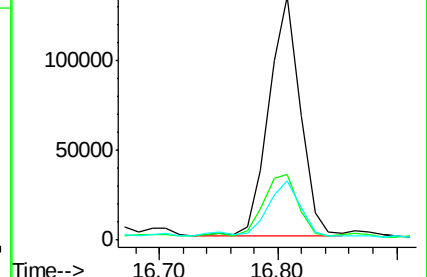
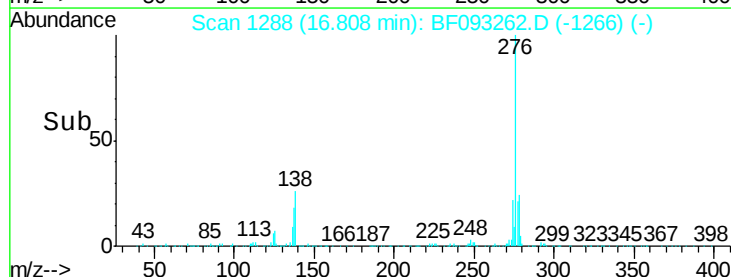
277 25.1 20.2 30.4

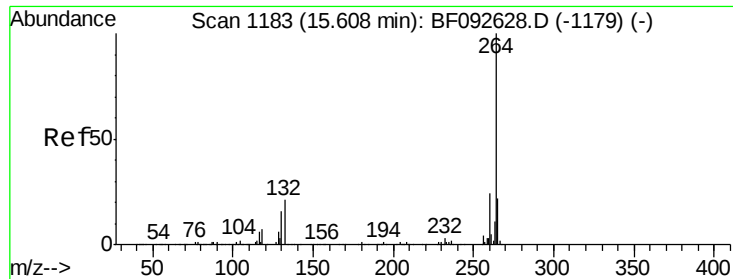


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

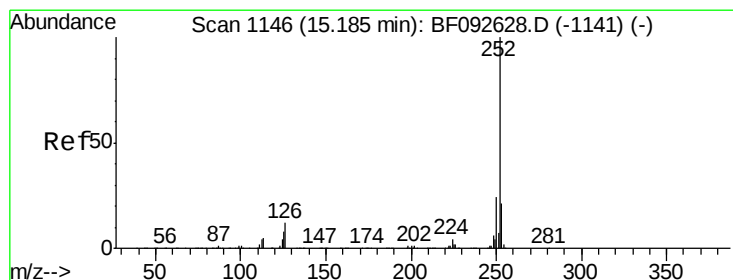
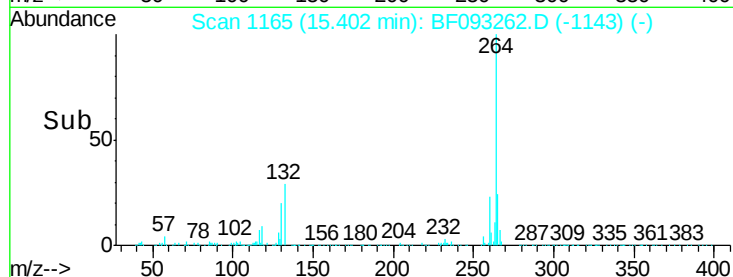
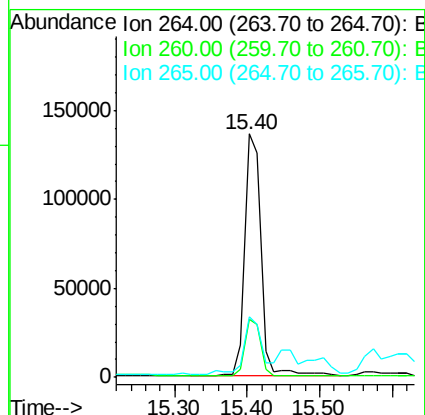
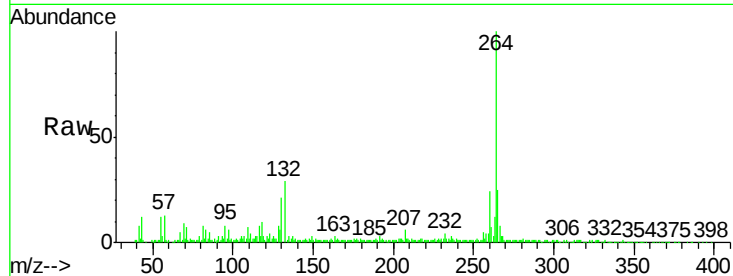




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.40 min Scan# 1165
Delta R.T. -0.05 min
Lab File: BF093262.D
Acq: 28 Feb 2017 21:35

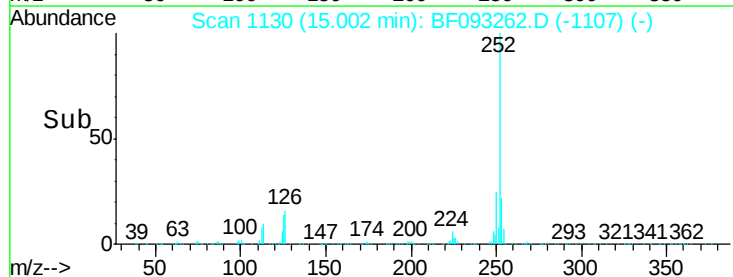
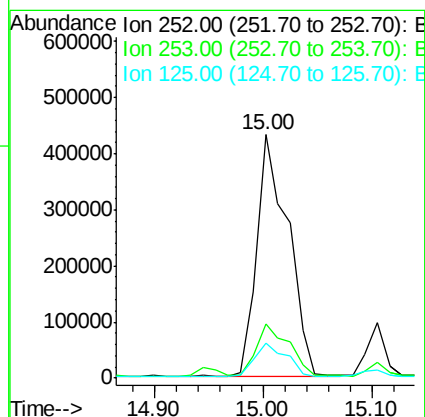
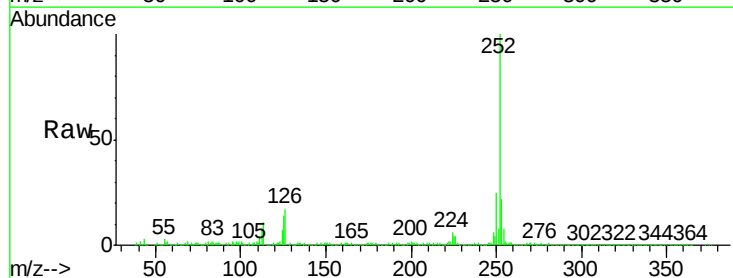
Instrument :
BNA_F
ClientSampleId :
TK3-DUP-20170227

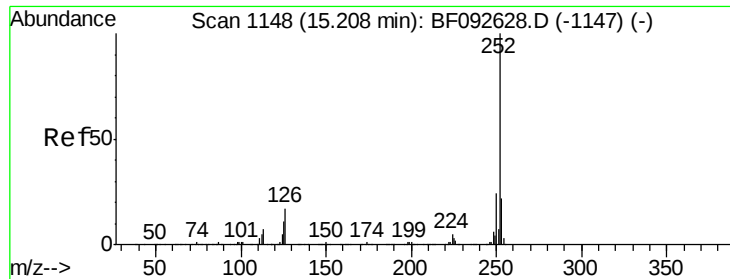
Tgt Ion:264 Resp: 212558
Ion Ratio Lower Upper
264 100
260 23.9 19.2 28.8
265 24.7 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 62.29 ng
RT: 15.00 min Scan# 1130
Delta R.T. -0.03 min
Lab File: BF093262.D
Acq: 28 Feb 2017 21:35

Tgt Ion:252 Resp: 871406
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.4
125 14.5 9.8 14.6





#88

Benzo(k)fluoranthene

Concen: 72.05 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.07 min

Lab File: BF093262.D

Acq: 28 Feb 2017 21:35

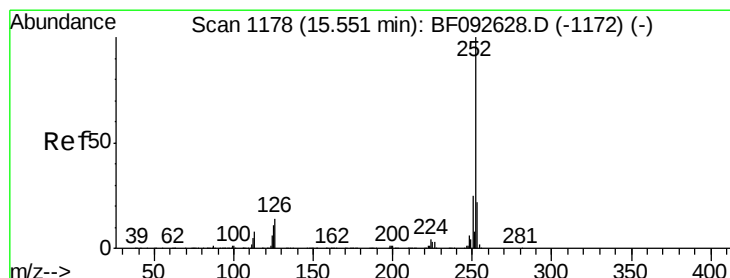
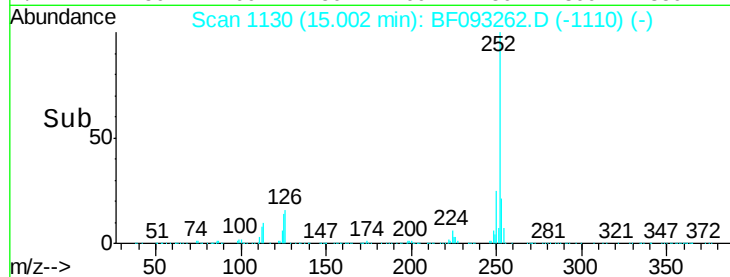
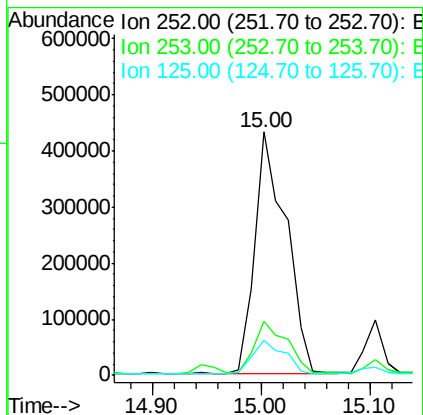
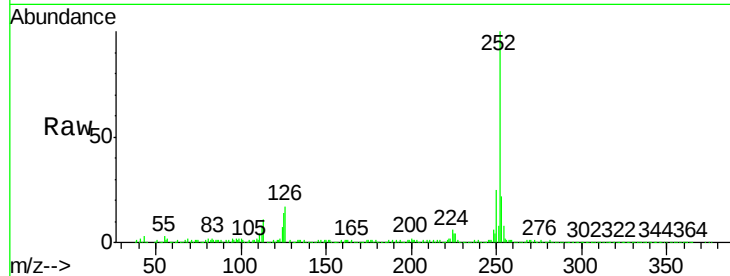
Instrument :

BNA_F

ClientSampleId :

TK3-DUP-20170227

Tgt Ion:	252	Resp:	870287
Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.5	27.7
125	14.5	8.9	13.3#



#89

Benzo(a)pyrene

Concen: 36.60 ng

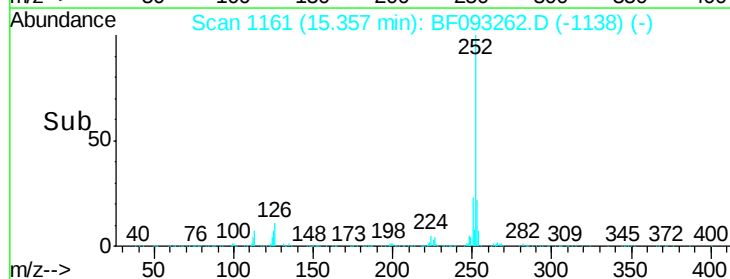
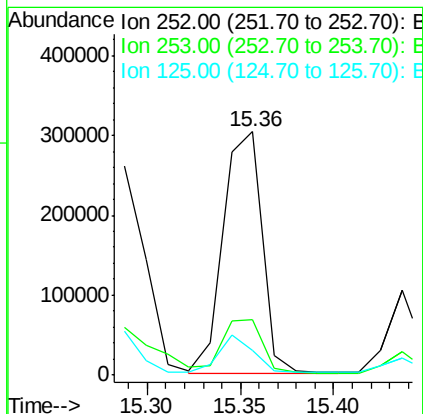
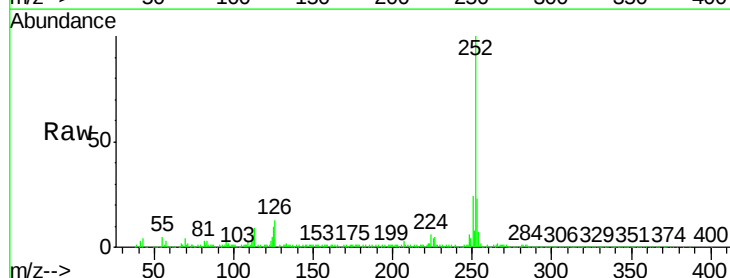
RT: 15.36 min Scan# 1161

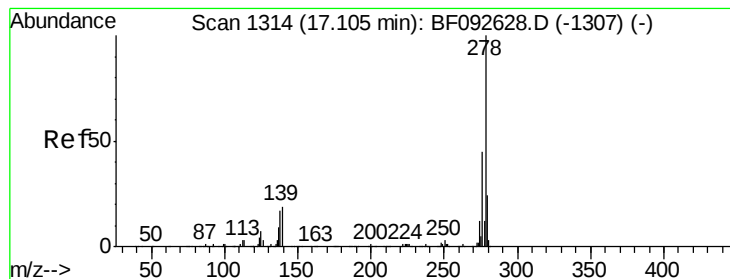
Delta R.T. -0.03 min

Lab File: BF093262.D

Acq: 28 Feb 2017 21:35

Tgt Ion:	252	Resp:	442874
Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	10.4	10.0	15.0





#90

Dibenzo(a,h)anthracene

Concen: 2.21 ng

RT: 16.68 min Scan# 1277

Delta R.T. -0.18 min

Lab File: BF093262.D

Acq: 28 Feb 2017 21:35

Instrument :

BNA_F

ClientSampleId :

TK3-DUP-20170227

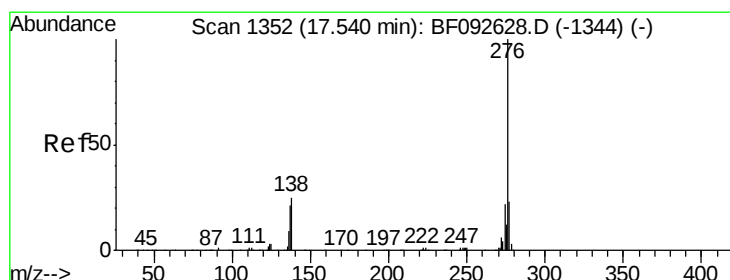
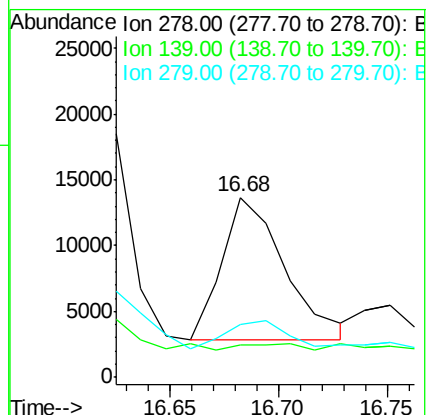
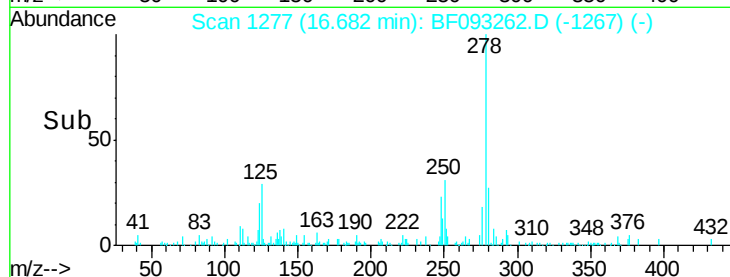
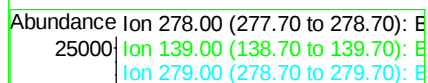
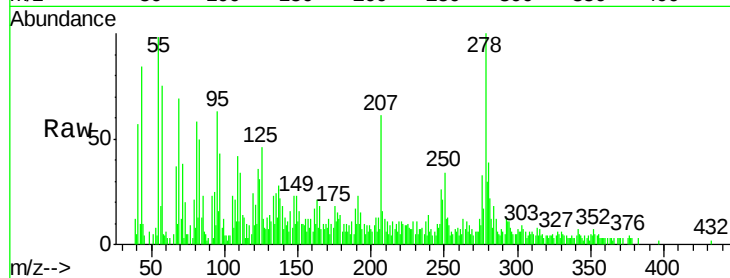
Tgt Ion:278 Resp: 21628

Ion Ratio Lower Upper

278 100

139 18.3 14.8 22.2

279 29.6 19.8 29.6



#91

Benzo(g,h,i)perylene

Concen: 25.39 ng

RT: 17.23 min Scan# 1325

Delta R.T. -0.06 min

Lab File: BF093262.D

Acq: 28 Feb 2017 21:35

Tgt Ion:276 Resp: 250896

Ion Ratio Lower Upper

276 100

277 24.7 19.2 28.8

138 28.5 16.0 24.0#

