

Data File : BF093028.D
Acq On : 17 Feb 2017 23:21
Operator : SJ/MA
Sample : I1868-01RE
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMPRES

Quant Time: Feb 17 23:50:17 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	6.86	152	132474	20.00	ng	0.01
21) Naphthalene-d8	8.14	136	489996	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	224338	20.00	ng	0.01
63) Phenanthrene-d10	11.40	188	224357	20.00	ng	0.02
75) Chrysene-d12	14.00	240	2096	20.00	ng	-0.02
86) Perylene-d12	15.56	264	108342	20.00	ng	0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	834446	108.07	ng	0.00
7) Phenol-d6	6.51	99	1180246	118.79	ng	0.02
23) Nitrobenzene-d5	7.42	82	555039	63.08	ng	0.00
41) 2,4,6-Tribromophenol	10.70	330	161052	99.26	ng	0.02
44) 2-Fluorobiphenyl	9.22	172	983749	79.44	ng	0.00
78) Terphenyl-d14	13.04	244	240320	2694.04	ng	0.07
Target Compounds						Qvalue
10) Phenol	6.52	94	31249	2.69	ng	# 77
22) Acetophenone	7.28	105	78050	6.98	ng	# 89
25) Isophorone	7.42	82	528222	32.22	ng	# 65
32) Benzoic acid	7.90	122	13887	9.93	ng	93
35) Caprolactam	8.58	113	6992	3.16	ng	# 1
49) Dimethylphthalate	9.62	163	172697	11.43	ng	100
53) 2,4-Dinitrophenol	9.95	184	206	4.85	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.51	198	572	3.06	ng	# 1
69) Pentachlorophenol	11.23	266	730	7.76	ng	# 49
74) Fluoranthene	12.65	202	36090	2.72	ng	# 1
76) Benzidine	12.72	184	4663	52.21	ng	# 1
77) Pyrene	12.89	202	16561	105.58	ng	# 1
79) Butylbenzylphthalate	13.43	149	8992	141.17	ng	# 1
80) Benzo(a)anthracene	13.99	228	289	2.25	ng	# 1
81) 3,3'-Dichlorobenzidine	14.00	252	959	20.99	ng	# 1
82) Chrysene	13.99	228	289	2.41	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.92	149	2162	24.82	ng	# 1
84) Di-n-octyl phthalate	14.53	149	4429	31.22	ng	# 1
85) Indeno(1,2,3-cd)pyrene	16.81	276	2713	29.18	ng	# 1
87) Benzo(b)fluoranthene	15.15	252	15476	2.17	ng	# 1
88) Benzo(k)fluoranthene	15.15	252	15476	2.51	ng	# 1
91) Benzo(g,h,i)perylene	17.38	276	12012	2.39	ng	# 1

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

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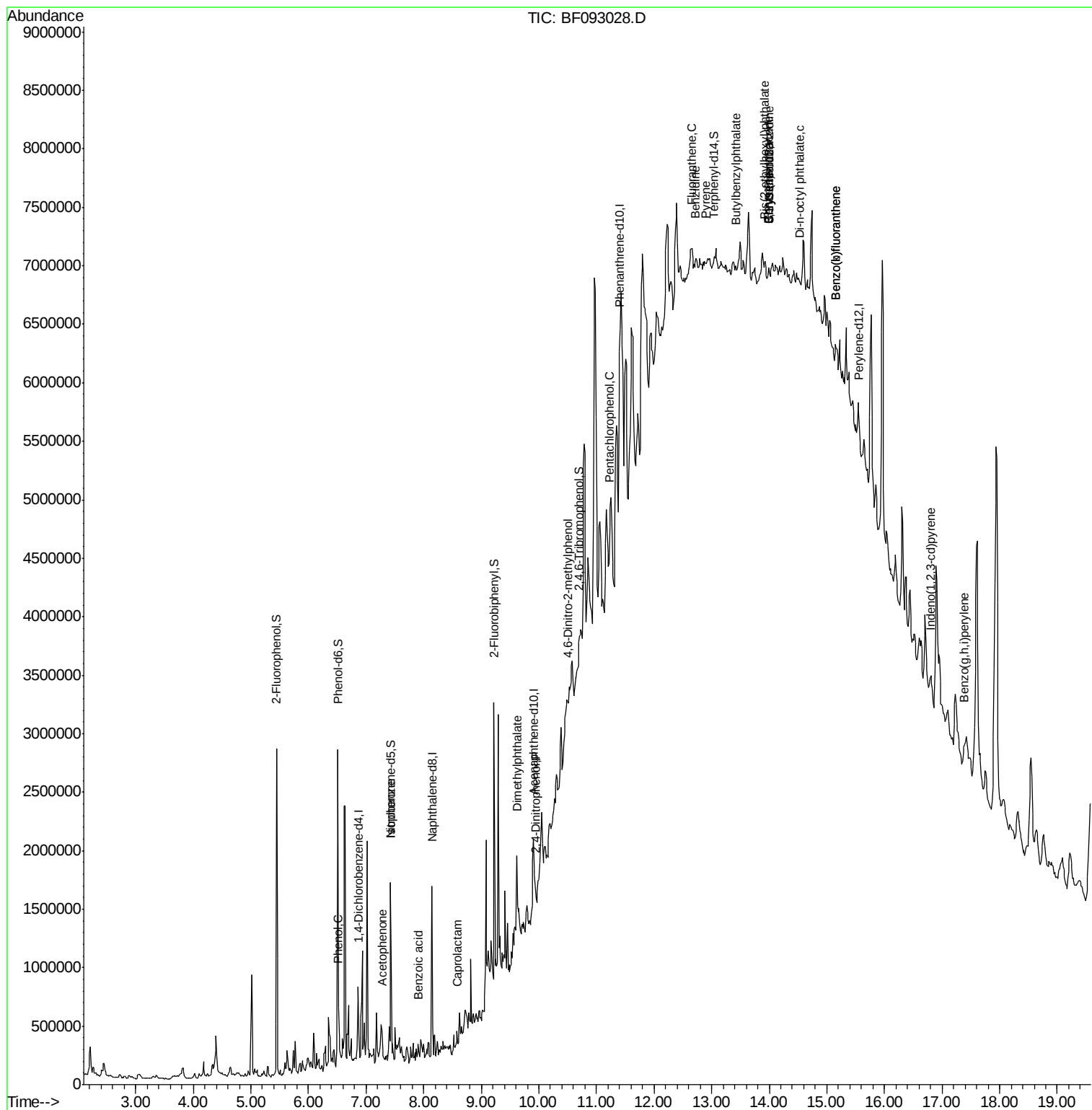
Quant Time: Feb 17 23:50:17 2017

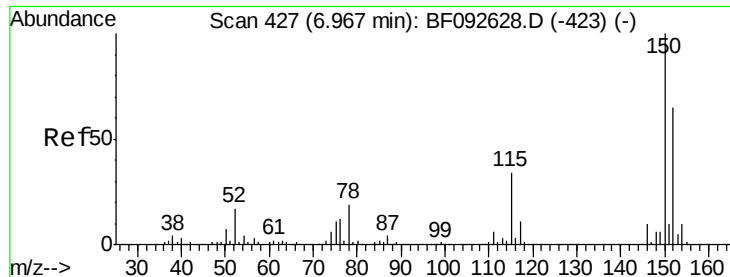
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

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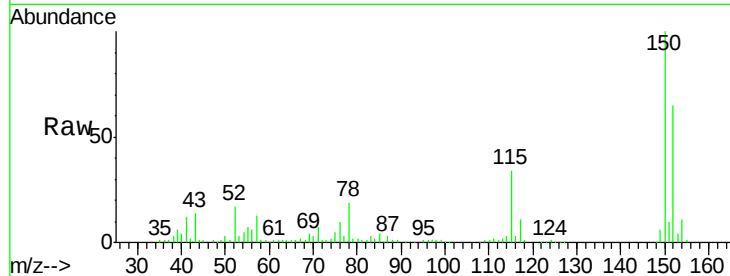


#1

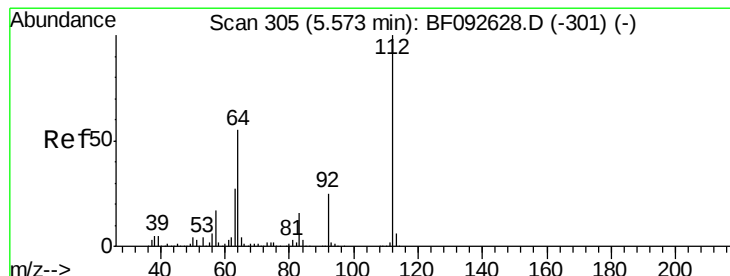
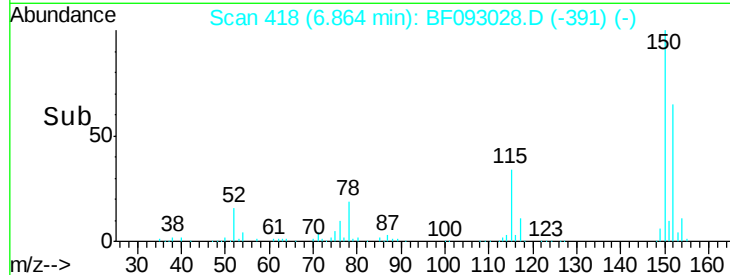
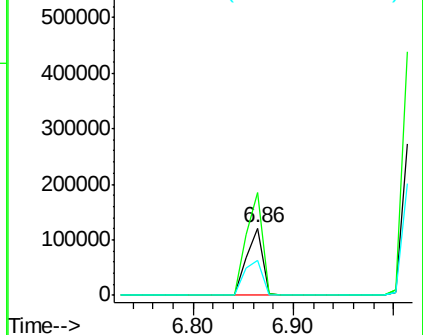
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 418
Delta R.T. 0.01 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMPRE

Tgt Ion:152 Resp: 132474
Ion Ratio Lower Upper
152 100
150 153.9 124.9 187.3
115 52.0 46.0 69.0



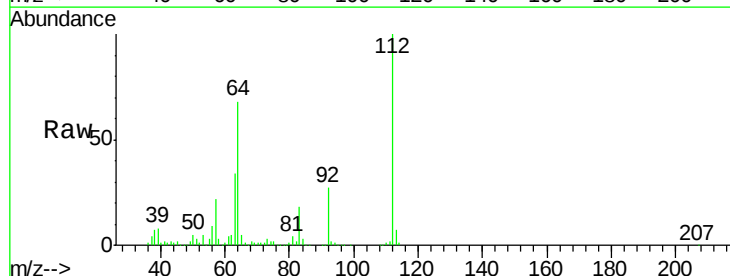
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



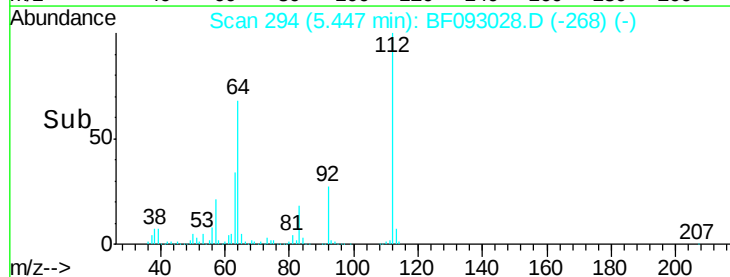
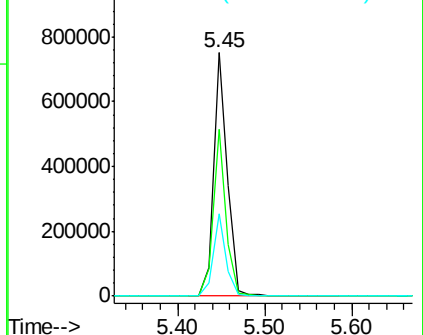
#5

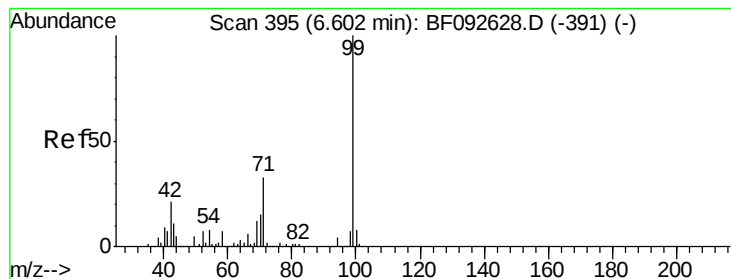
2-Fluorophenol
Concen: 108.07 ng
RT: 5.45 min Scan# 294
Delta R.T. -0.00 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Tgt Ion:112 Resp: 834446
Ion Ratio Lower Upper
112 100
64 68.3 46.1 69.1
63 33.8 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: 118.79 ng

RT: 6.51 min Scan# 387

Delta R.T. 0.02 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

Instrument :

BNA_F

ClientSampleId :

DRUM-AB-COMPRE

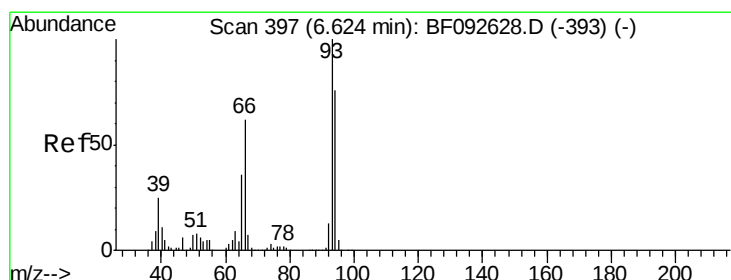
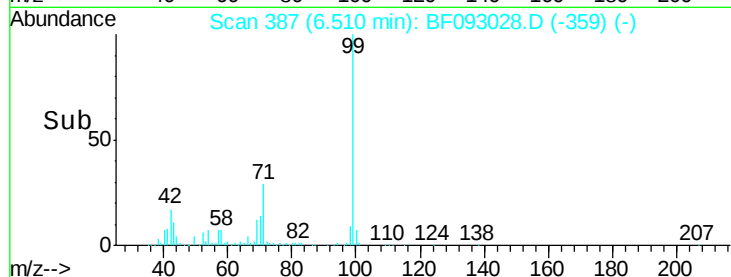
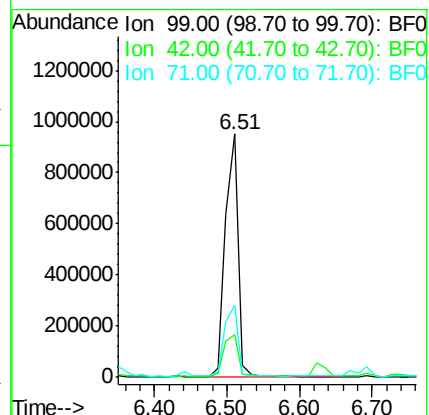
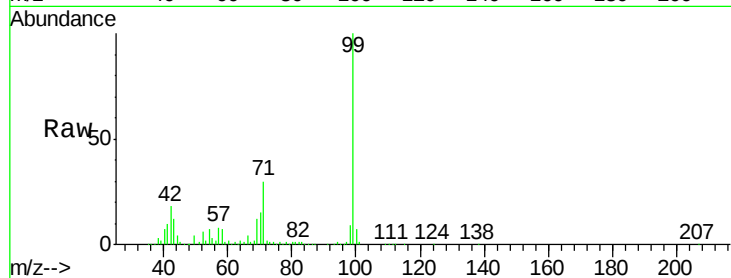
Tgt Ion: 99 Resp: 1180246

Ion Ratio Lower Upper

99 100

42 17.6 15.6 23.4

71 29.7 27.5 41.3



#10

Phenol

Concen: 2.69 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.01 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

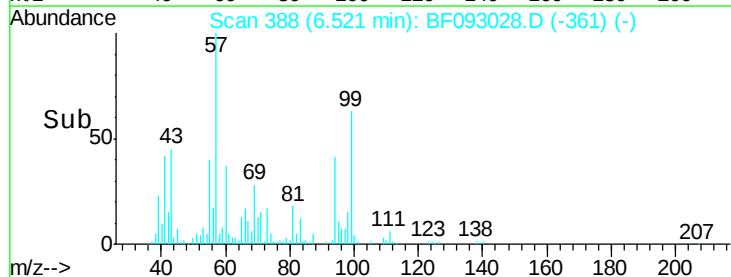
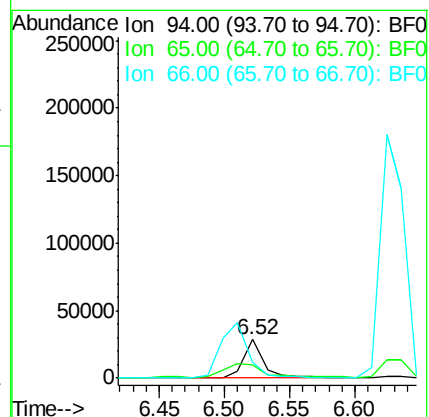
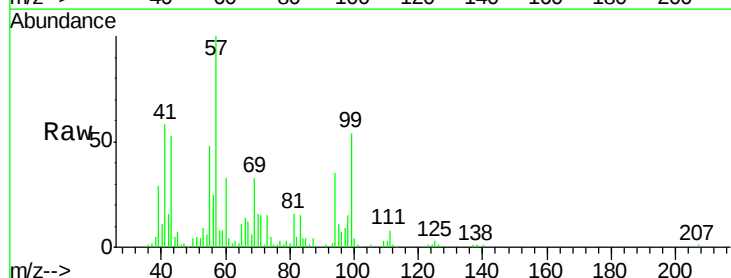
Tgt Ion: 94 Resp: 31249

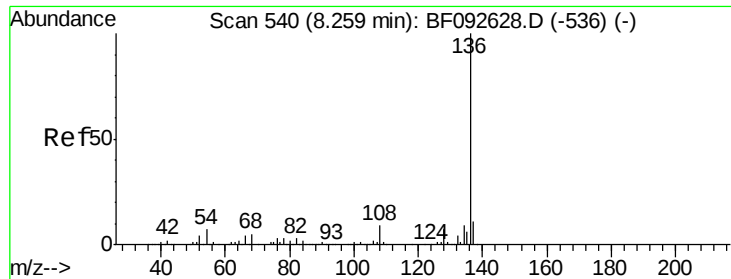
Ion Ratio Lower Upper

94 100

65 33.0 21.4 61.4

66 41.2 44.0 84.0#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.00 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

Instrument :

BNA_F

ClientSampleId :

DRUM-AB-COMPRES

Tgt Ion:136 Resp: 489996

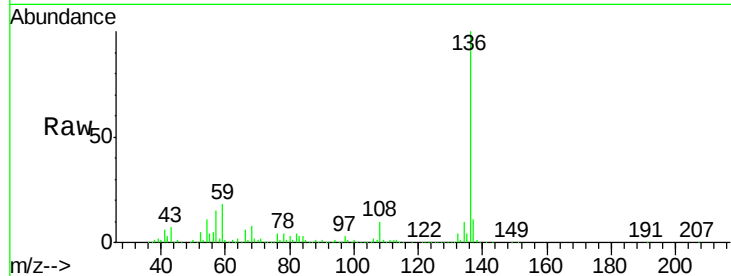
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 11.4 4.5 6.7#

68 7.8 3.6 5.4#

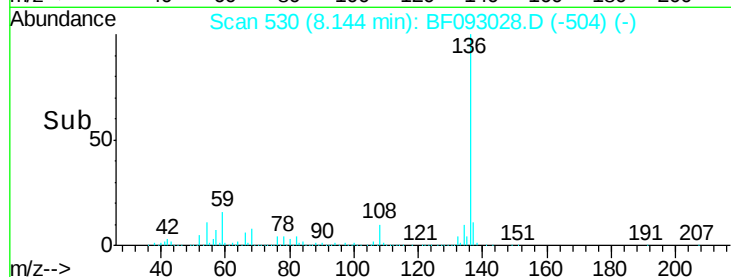


Abundance Ion 136.00 (135.70 to 136.70): E

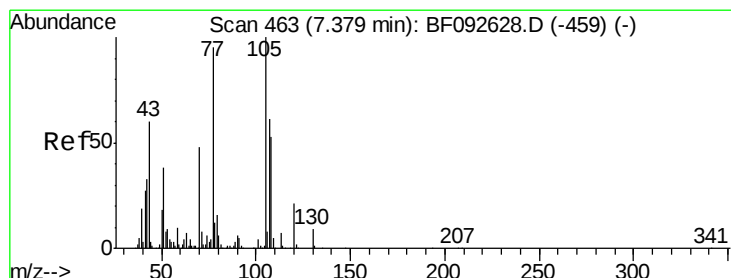
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



Time-->



#22

Acetophenone

Concen: 6.98 ng

RT: 7.28 min Scan# 454

Delta R.T. 0.01 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

Tgt Ion:105 Resp: 78050

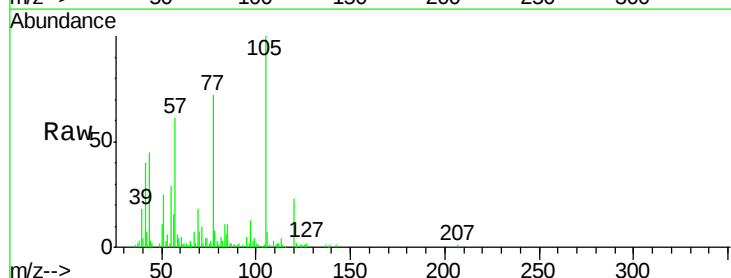
Ion Ratio Lower Upper

105 100

71 10.4 3.2 4.8#

51 25.1 26.2 39.4#

120 22.9 16.6 24.8

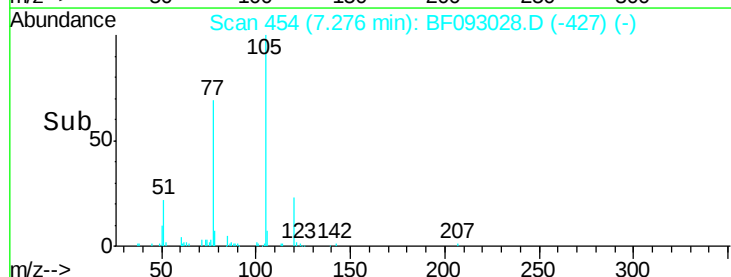


Abundance Ion 105.00 (104.70 to 105.70): E

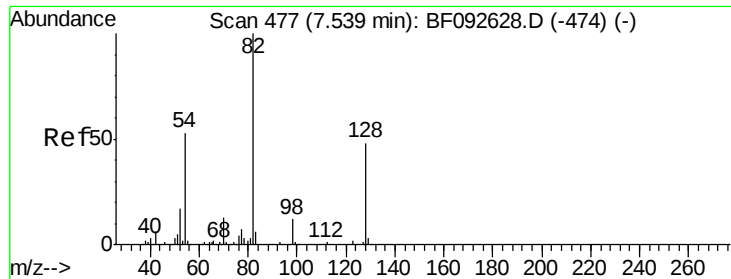
Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



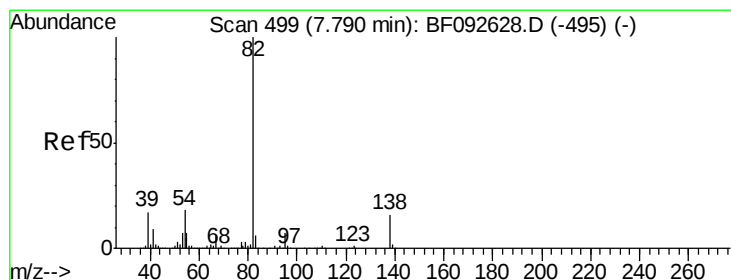
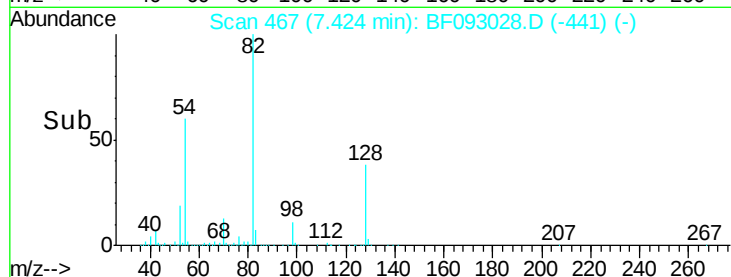
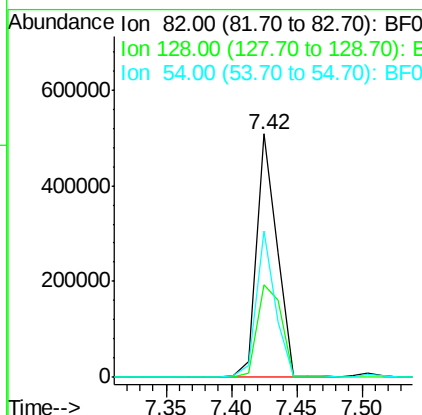
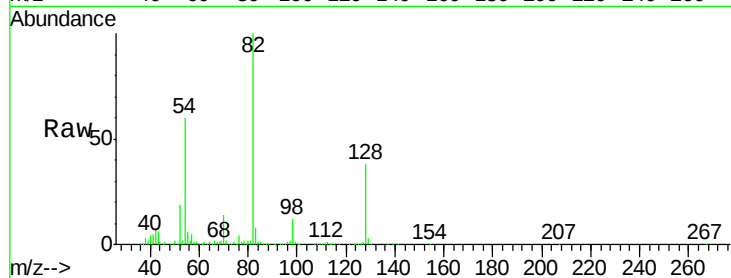
Time-->



#23
 Nitrobenzene-d5
 Concen: 63.08 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF093028.D
 Acq: 17 Feb 2017 23:21

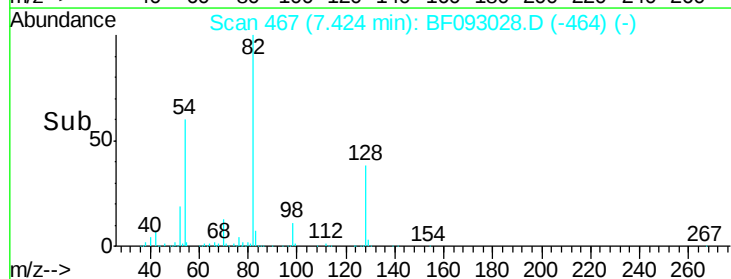
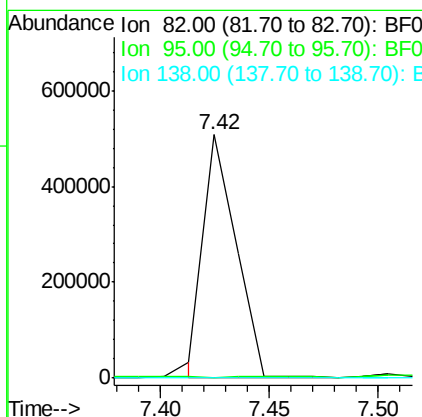
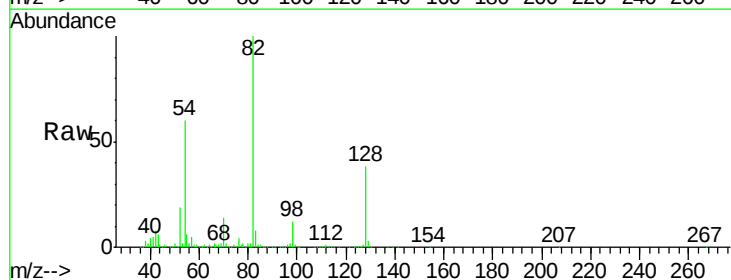
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-AB-COMPRE

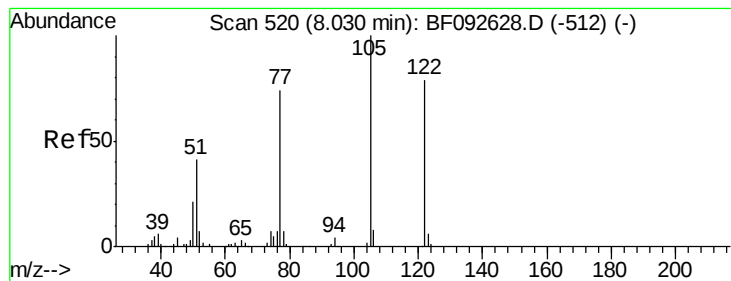
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.2	34.6	52.0
54	60.2	39.5	59.3#



#25
 Isophorone
 Concen: 32.22 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.26 min
 Lab File: BF093028.D
 Acq: 17 Feb 2017 23:21

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.4	5.6	8.4#
138	0.0	14.6	22.0#





#32

Benzoic acid

Concen: 9.93 ng

RT: 7.90 min Scan# 509

Delta R.T. -0.02 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

Instrument :

BNA_F

ClientSampleId :

DRUM-AB-COMPRE

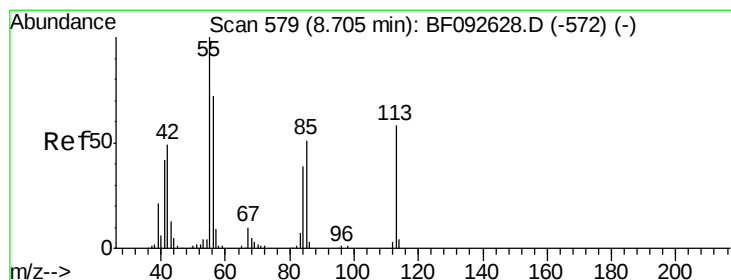
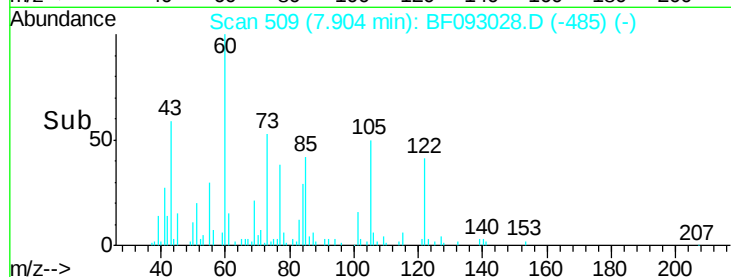
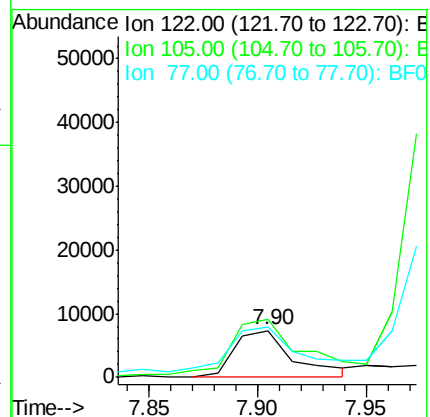
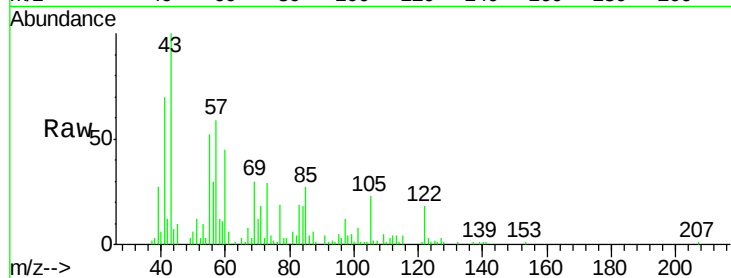
Tgt Ion:122 Resp: 13887

Ion Ratio Lower Upper

122 100

105 125.5 107.2 147.2

77 108.3 74.5 114.5



#35

Caprolactam

Concen: 3.16 ng

RT: 8.58 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

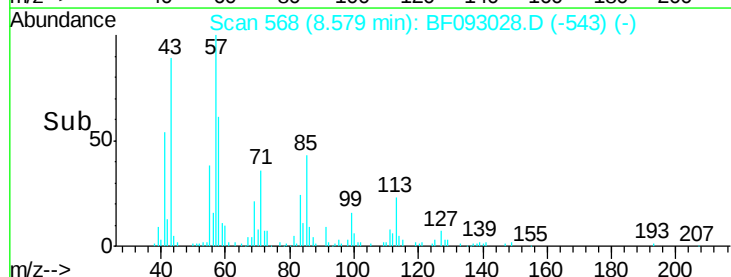
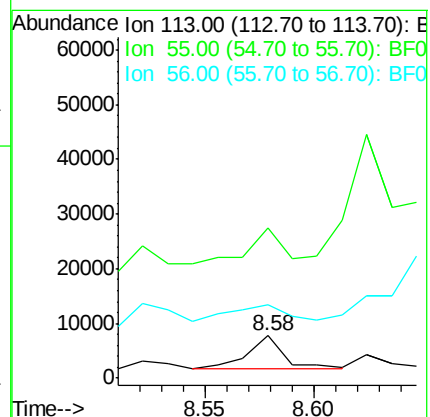
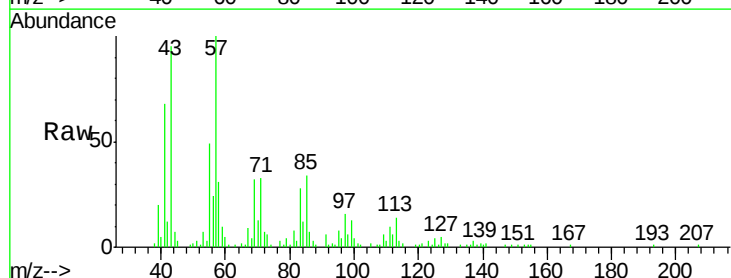
Tgt Ion:113 Resp: 6992

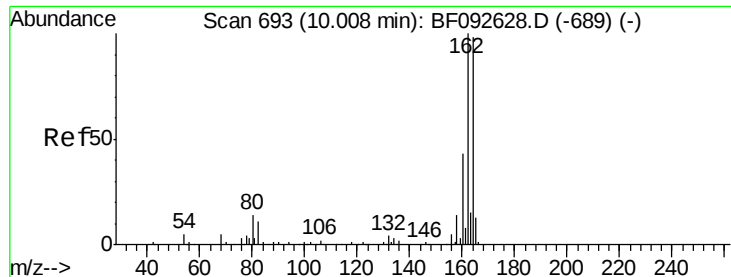
Ion Ratio Lower Upper

113 100

55 355.2 119.2 159.2#

56 172.6 83.8 123.8#

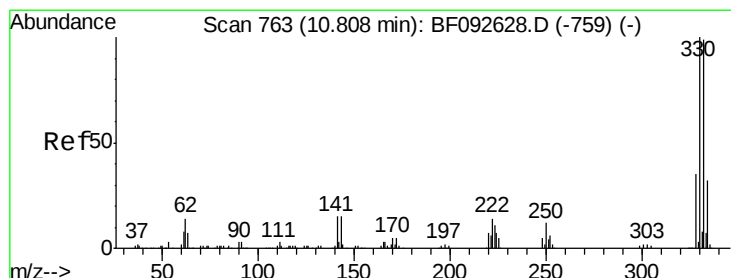
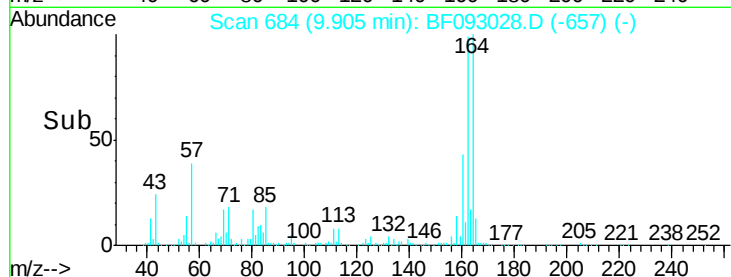
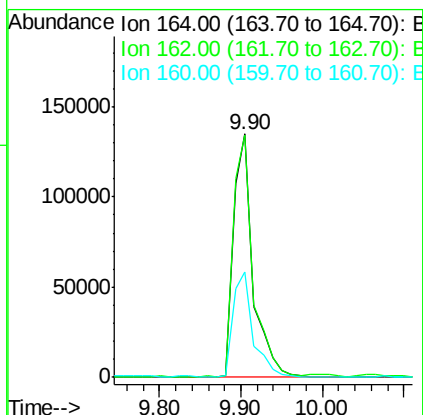
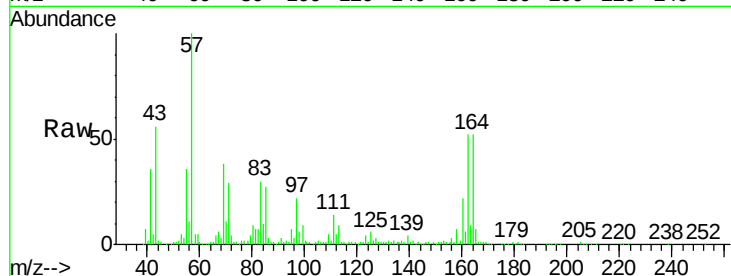




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.90 min Scan# 684
Delta R.T. 0.01 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

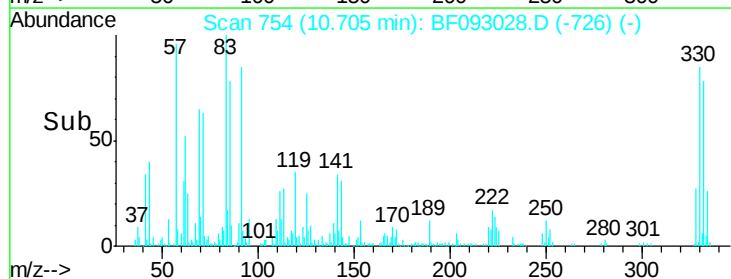
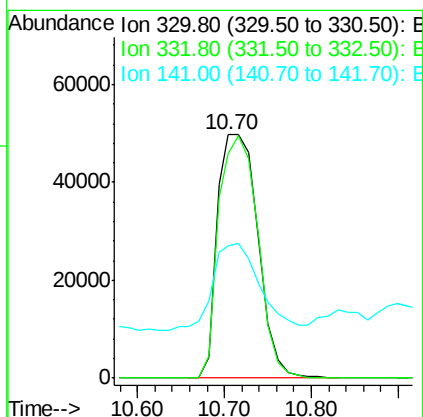
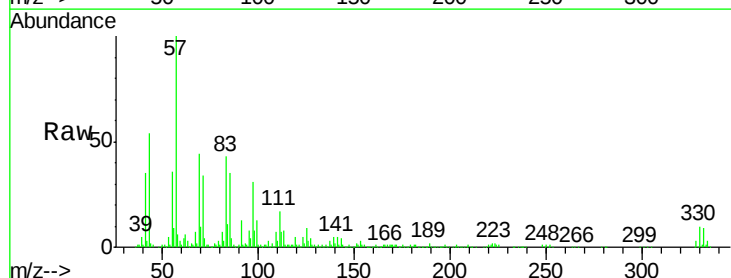
Instrument :
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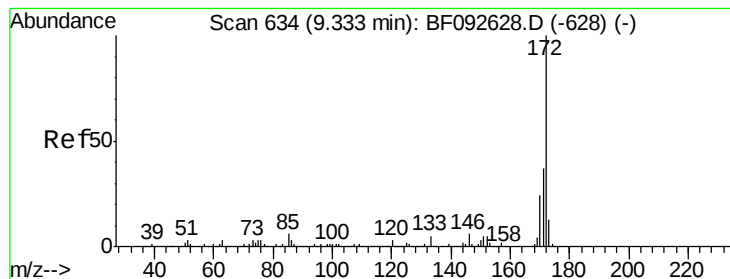
Tgt Ion:164 Resp: 224338
Ion Ratio Lower Upper
164 100
162 99.4 80.2 120.2
160 43.1 36.9 55.3



#41
2,4,6-Tribromophenol
Concen: 99.26 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.02 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Tgt Ion:330 Resp: 161052
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.2
141 41.3 34.1 51.1





#44

2-Fluorobiphenyl

Concen: 79.44 ng

RT: 9.22 min Scan# 624

Delta R.T. -0.00 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

Instrument :

BNA_F

ClientSampleId :

DRUM-AB-COMPRES

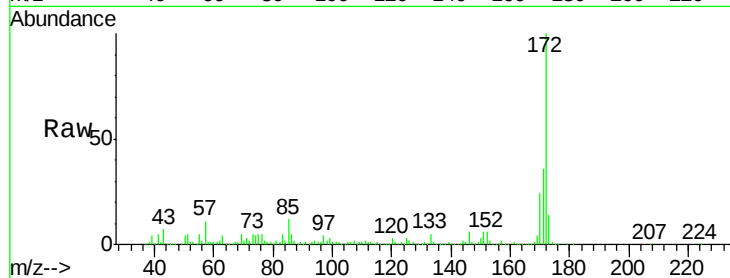
Tgt Ion:172 Resp: 983749

Ion Ratio Lower Upper

172 100

171 36.0 29.4 44.0

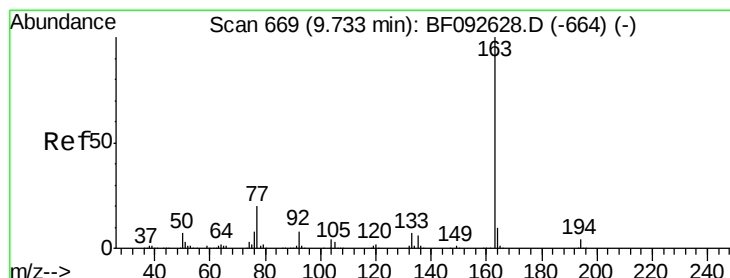
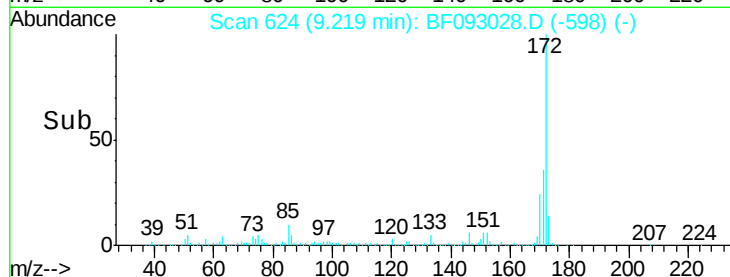
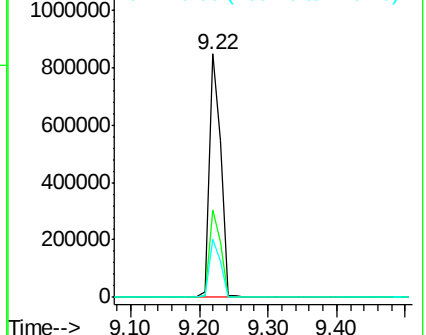
170 23.8 20.2 30.4



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



#49

Dimethylphthalate

Concen: 11.43 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

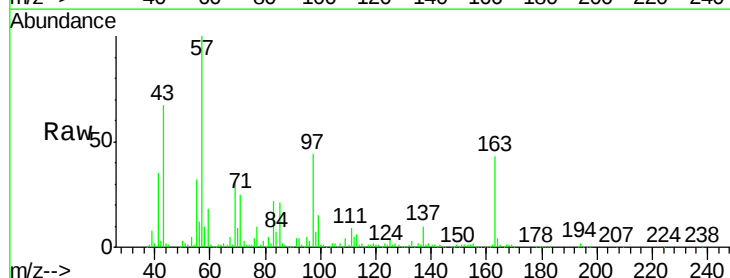
Tgt Ion:163 Resp: 172697

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

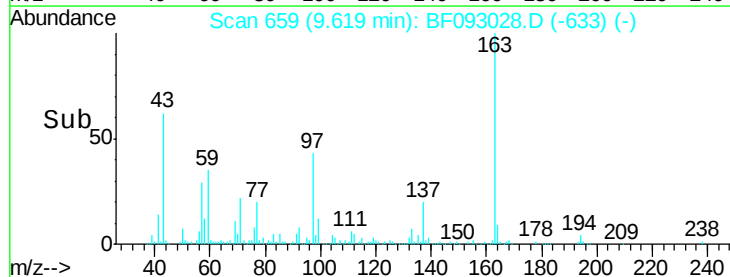
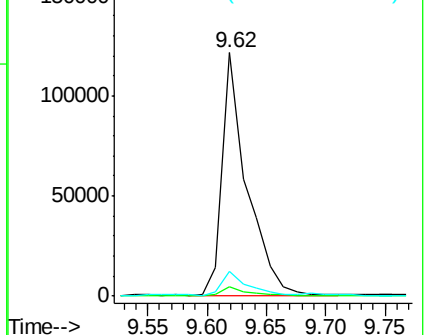
164 10.1 8.0 12.0

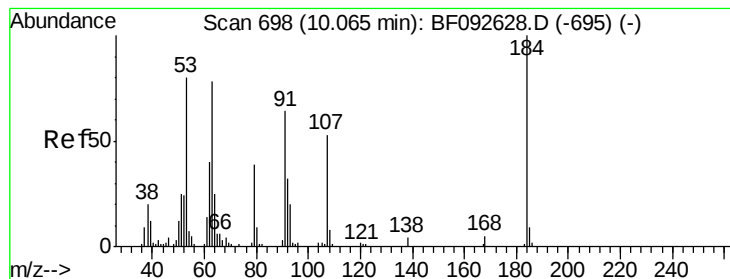


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#53

2,4-Dinitrophenol

Concen: 4.85 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

Instrument :

BNA_F

ClientSampleId :

DRUM-AB-COMPRE

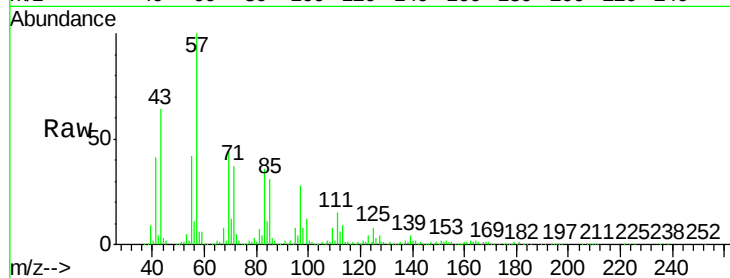
Tgt Ion:184 Resp: 206

Ion Ratio Lower Upper

184 100

63 228.7 28.4 42.6#

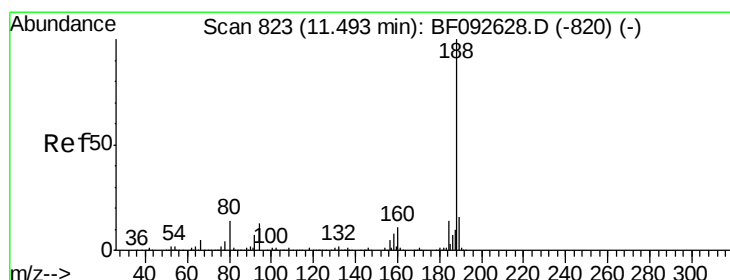
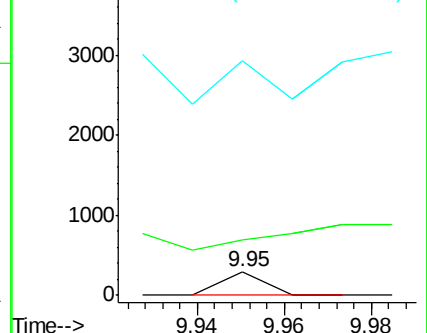
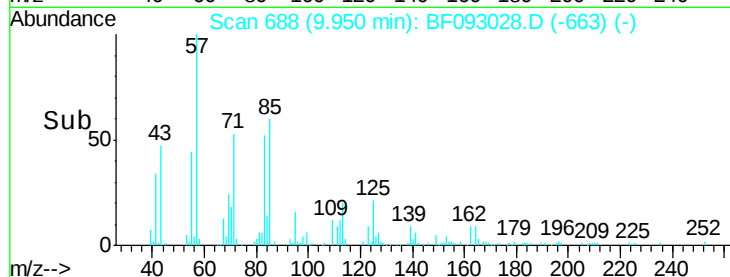
154 977.0 44.3 66.5#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.40 min Scan# 815

Delta R.T. 0.02 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

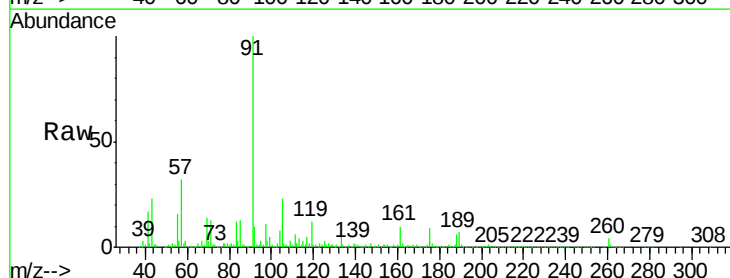
Tgt Ion:188 Resp: 224357

Ion Ratio Lower Upper

188 100

94 12.4 10.0 15.0

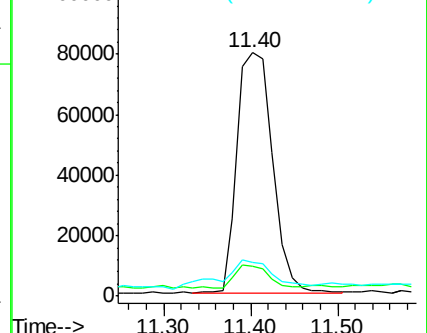
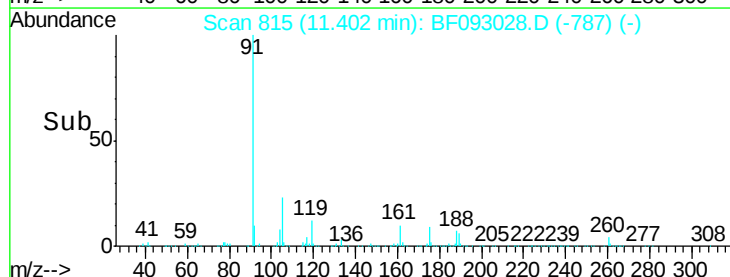
80 13.9 11.2 16.8

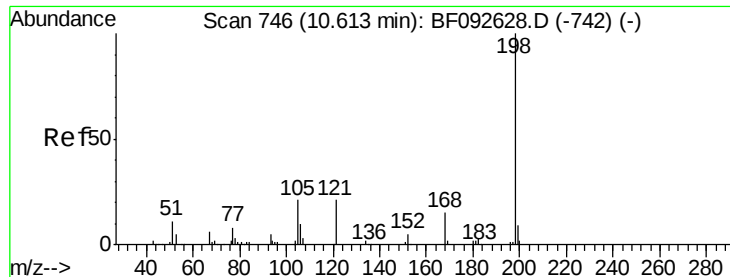


Abundance Ion 188.00 (187.70 to 188.70): E

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: 3.06 ng

RT: 10.51 min Scan# 737

Delta R.T. 0.01 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

Instrument :

BNA_F

ClientSampleId :

DRUM-AB-COMPRE

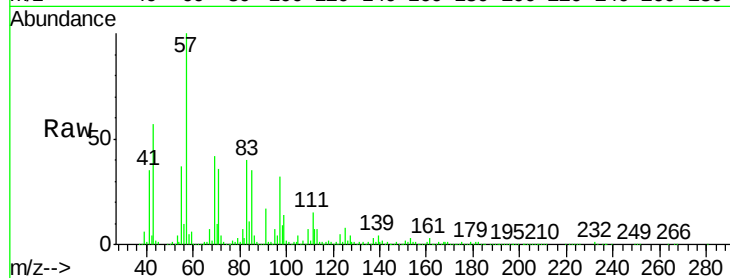
Tgt Ion:198 Resp: 572

Ion Ratio Lower Upper

198 100

51 666.2 6.7 46.7#

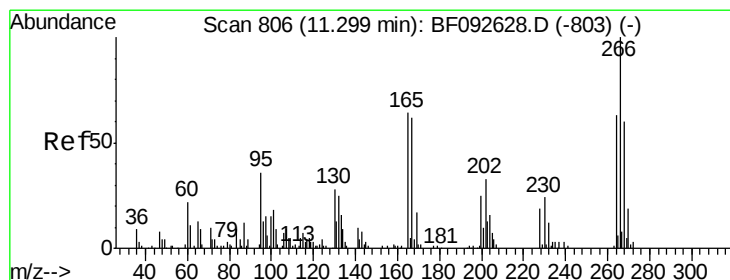
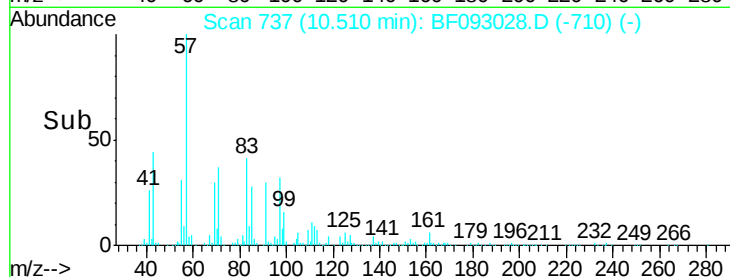
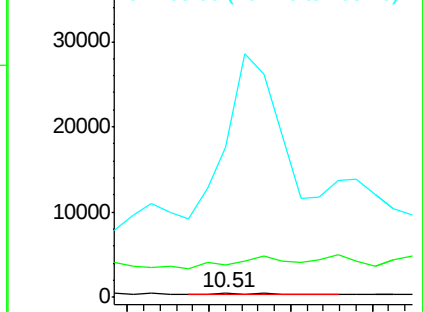
105 3100.0 16.6 56.6#



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



#69

Pentachlorophenol

Concen: 7.76 ng

RT: 11.23 min Scan# 800

Delta R.T. 0.05 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

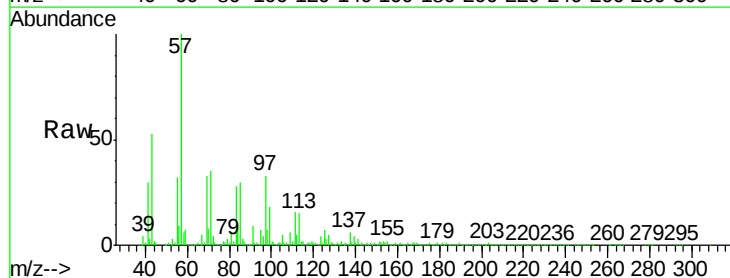
Tgt Ion:266 Resp: 730

Ion Ratio Lower Upper

266 100

268 0.0 53.3 79.9#

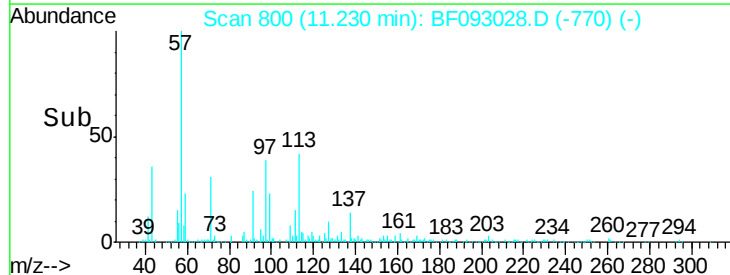
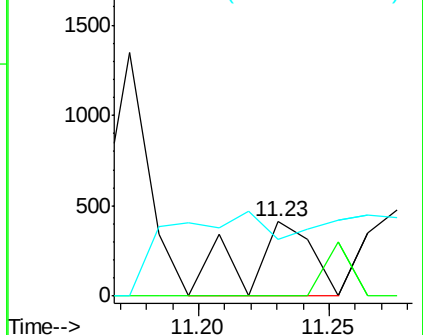
264 75.8 50.3 75.5#

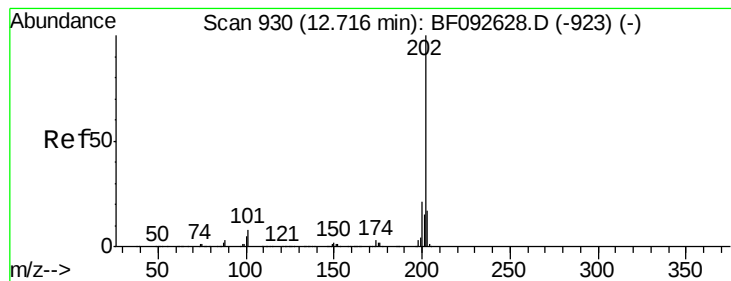


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#74

Fluoranthene

Concen: 2.72 ng

RT: 12.65 min Scan# 924

Delta R.T. 0.06 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

Instrument :

BNA_F

ClientSampleId :

DRUM-AB-COMPRE

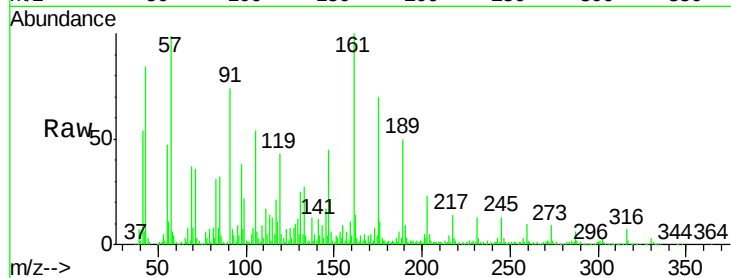
Tgt Ion:202 Resp: 36090

Ion Ratio Lower Upper

202 100

101 39.0 0.0 34.6#

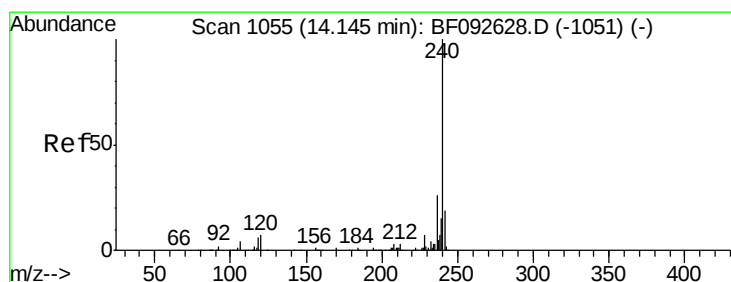
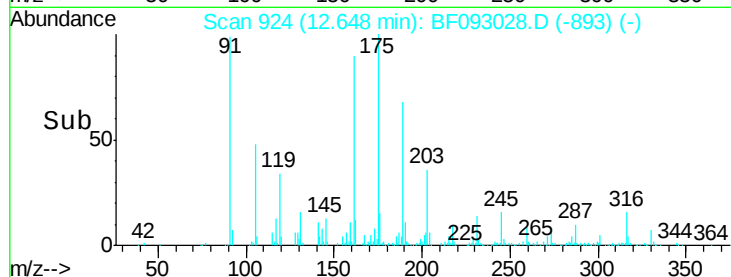
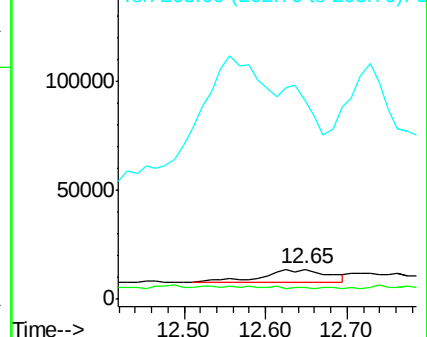
203 664.0 0.0 38.7#



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: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

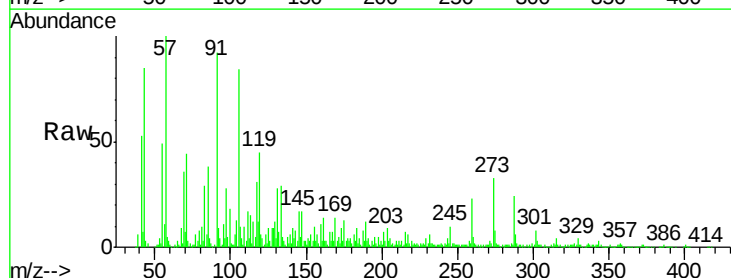
Tgt Ion:240 Resp: 2096

Ion Ratio Lower Upper

240 100

120 799.2 12.9 19.3#

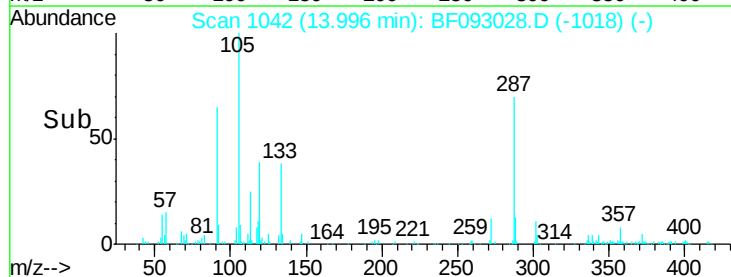
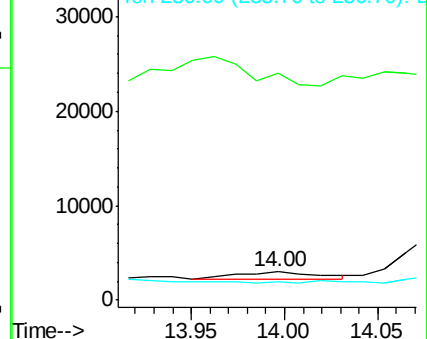
236 67.0 20.9 31.3#

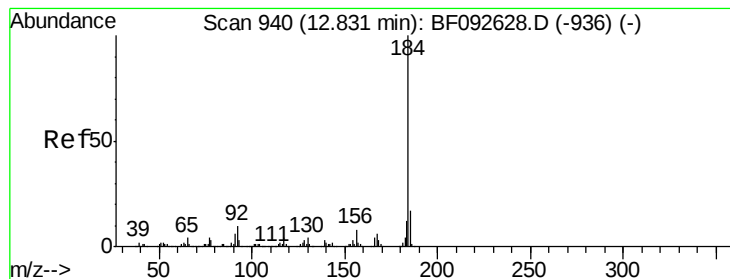


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#76

Benzidine

Concen: 52.21 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

Instrument :

BNA_F

ClientSampleId :

DRUM-AB-COMPRE

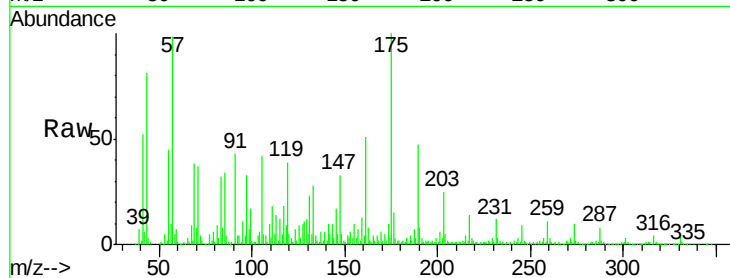
Tgt Ion:184 Resp: 4663

Ion Ratio Lower Upper

184 100

185 423.3 13.4 20.0#

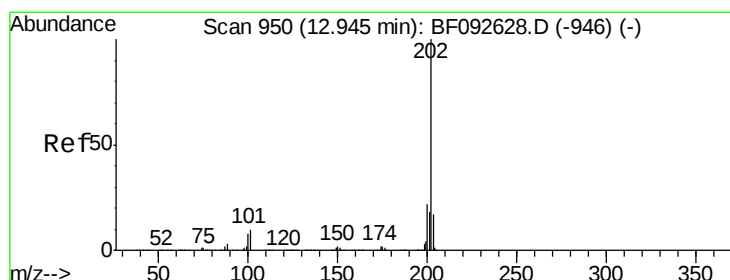
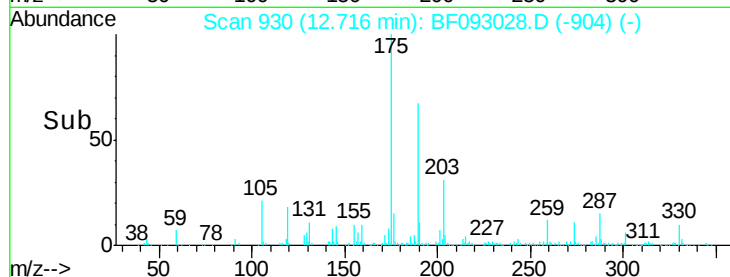
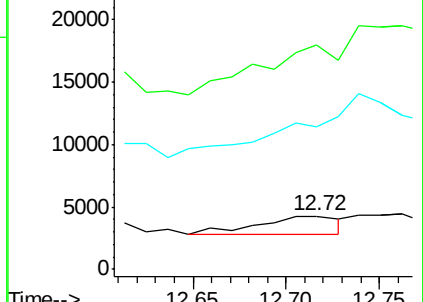
183 270.0 9.2 13.8#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#77

Pyrene

Concen: 105.58 ng

RT: 12.89 min Scan# 945

Delta R.T. 0.07 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

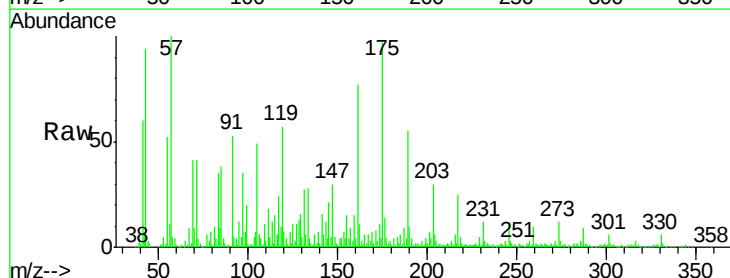
Tgt Ion:202 Resp: 16561

Ion Ratio Lower Upper

202 100

200 48.9 17.7 26.5#

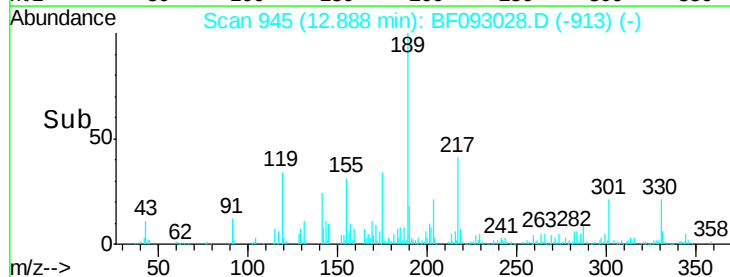
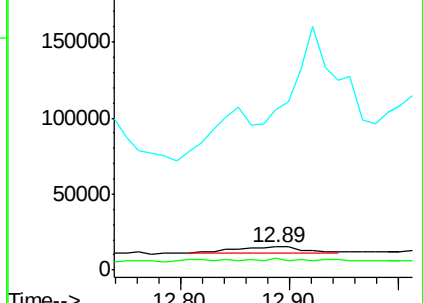
203 690.7 14.7 22.1#

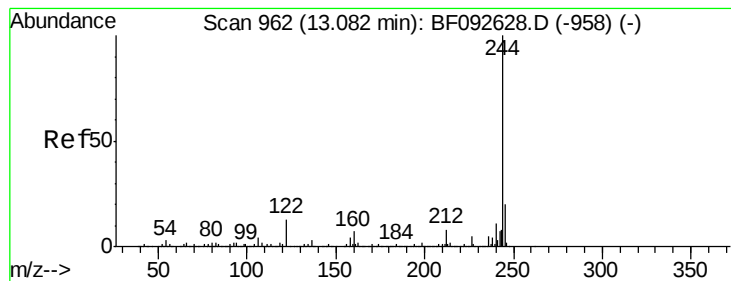


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 2694.04 ng

RT: 13.04 min Scan# 958

Delta R.T. 0.07 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

Instrument :

BNA_F

ClientSampleId :

DRUM-AB-COMPRE

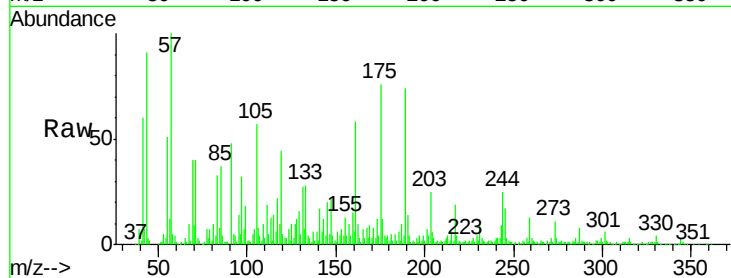
Tgt Ion:244 Resp: 240320

Ion Ratio Lower Upper

244 100

212 10.9 6.2 9.2#

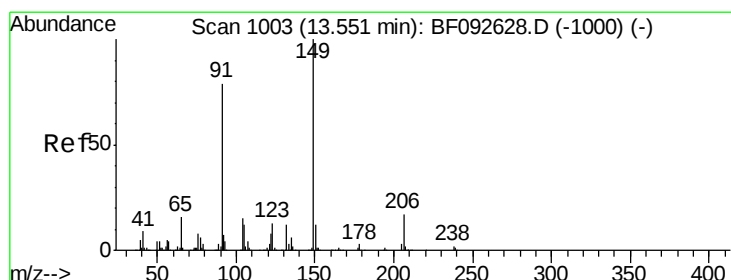
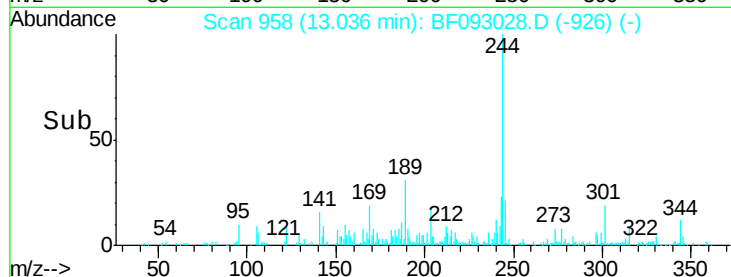
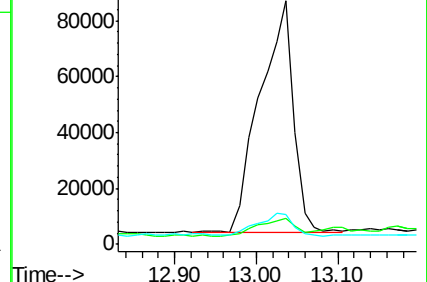
122 12.5 11.4 17.2



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



#79

Butylbenzylphthalate

Concen: 141.17 ng

RT: 13.43 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

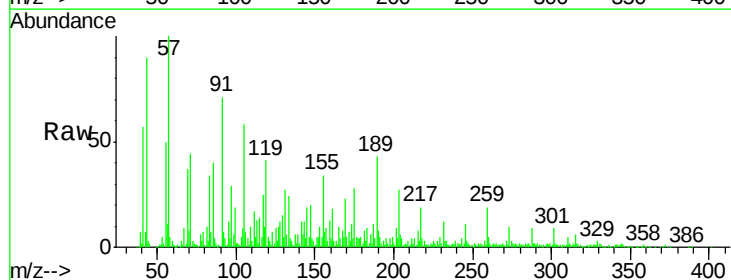
Tgt Ion:149 Resp: 8992

Ion Ratio Lower Upper

149 100

91 2500.3 63.9 95.9#

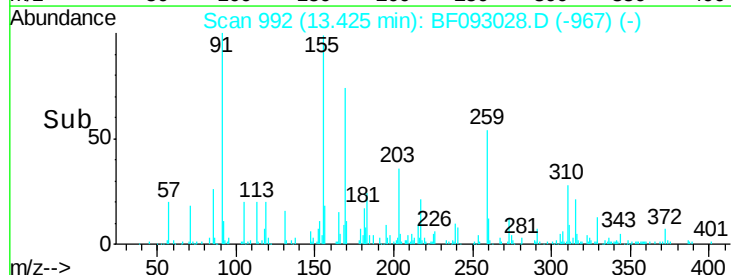
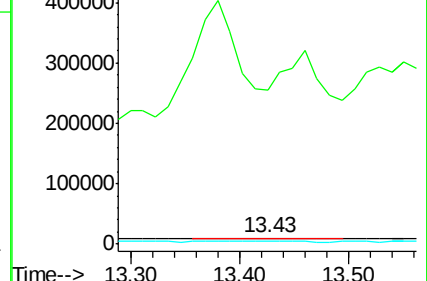
206 38.6 14.6 21.8#

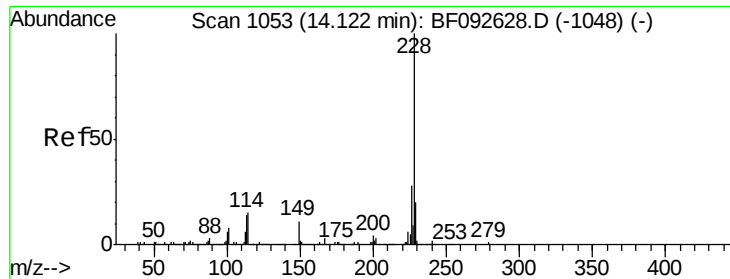


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E

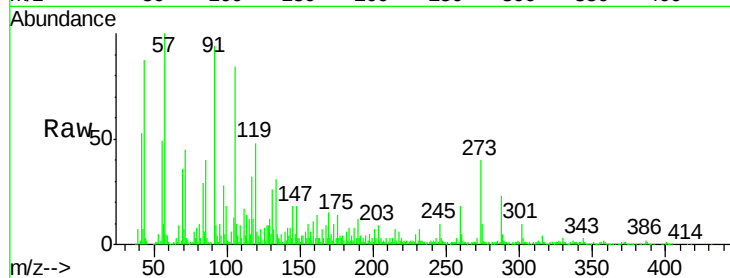




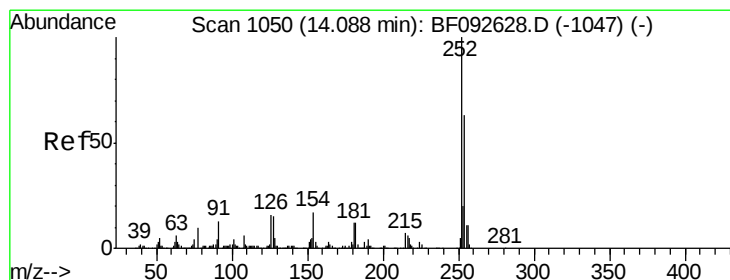
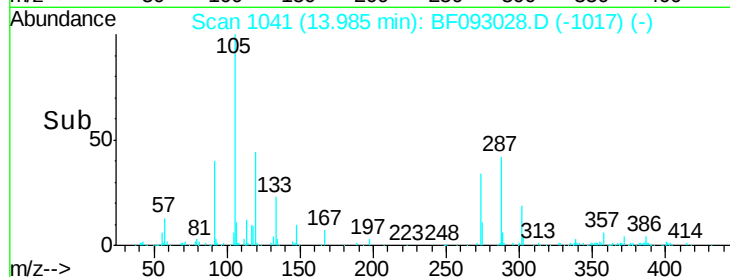
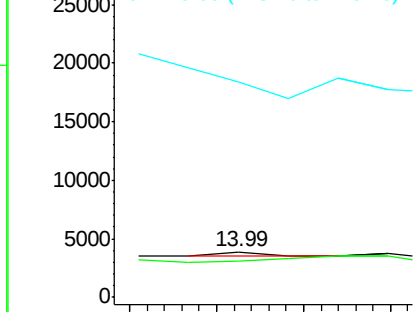
#80
Benzo(a)anthracene
Concen: 2.25 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMP

Tgt Ion:228 Resp: 289
Ion Ratio Lower Upper
228 100
226 81.1 22.4 33.6#
229 474.6 16.2 24.4#

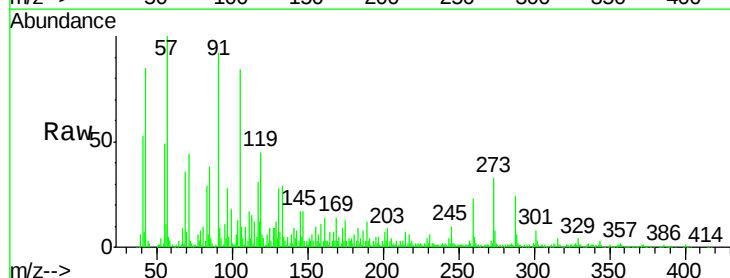


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

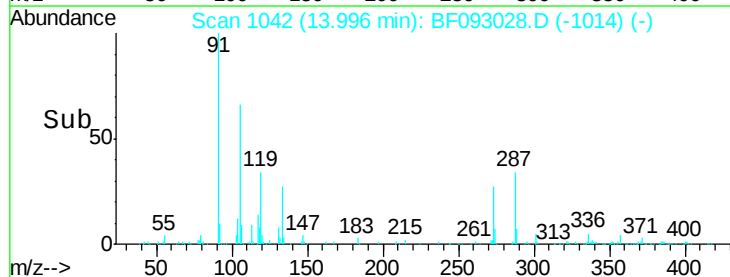
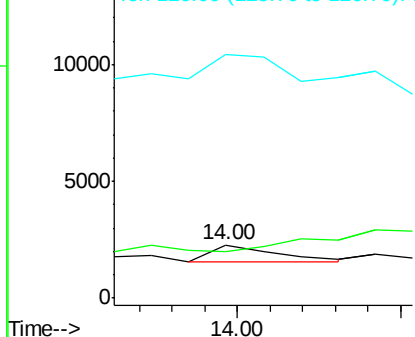


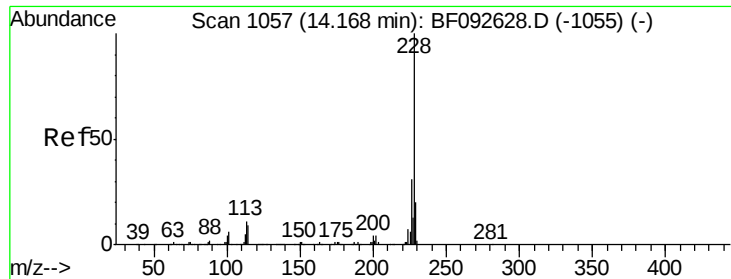
#81
3,3'-Dichlorobenzidine
Concen: 20.99 ng
RT: 14.00 min Scan# 1042
Delta R.T. 0.02 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Tgt Ion:252 Resp: 959
Ion Ratio Lower Upper
252 100
254 87.5 52.3 78.5#
126 459.4 13.6 20.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#82

Chrysene

Concen: 2.41 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.06 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

Instrument :

BNA_F

ClientSampleId :

DRUM-AB-COMP

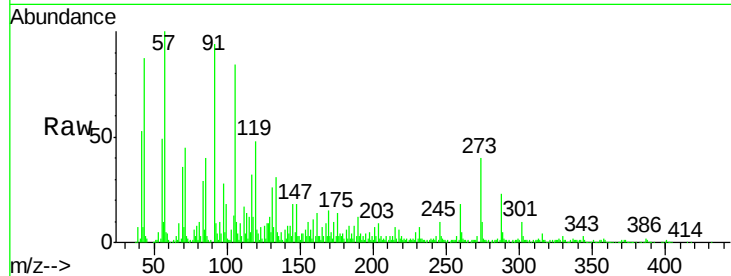
Tgt Ion: 228 Resp: 289

Ion Ratio Lower Upper

228 100

226 81.1 25.4 38.0#

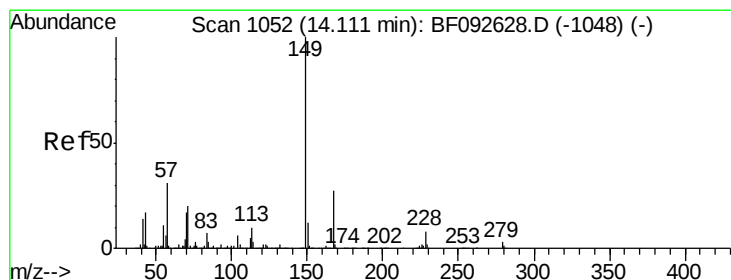
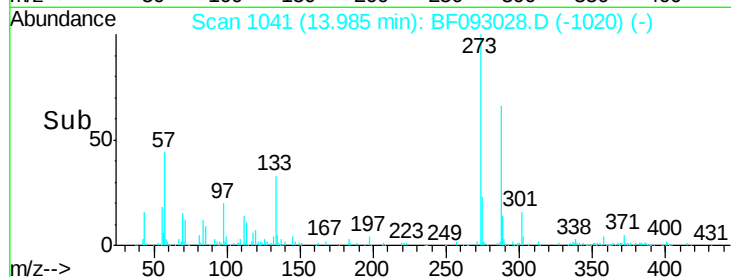
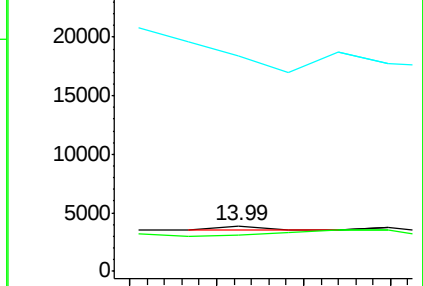
229 474.6 16.2 24.2#



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 24.82 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.08 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

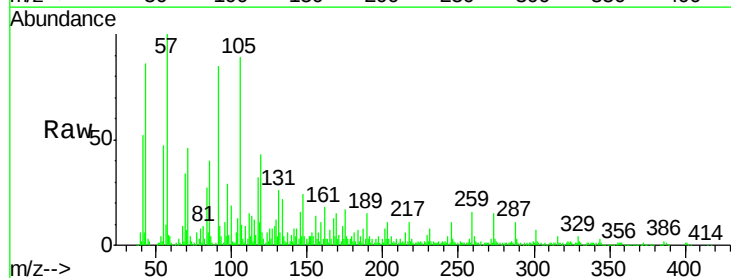
Tgt Ion: 149 Resp: 2162

Ion Ratio Lower Upper

149 100

167 472.7 20.2 30.4#

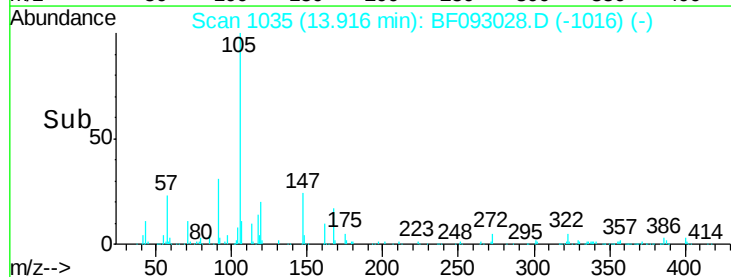
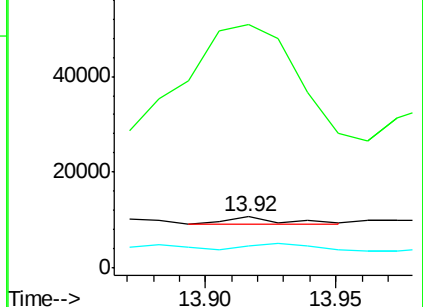
279 42.7 1.8 2.8#

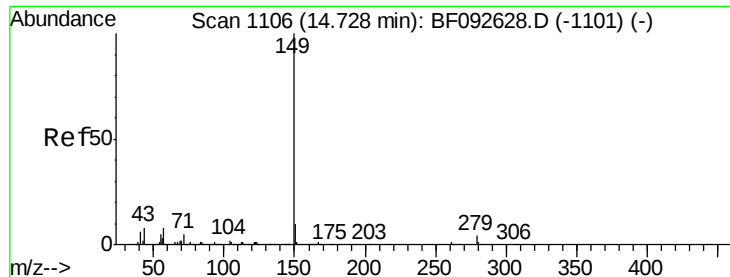


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 31.22 ng

RT: 14.53 min Scan# 1089

Delta R.T. -0.07 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

Instrument :

BNA_F

ClientSampleId :

DRUM-AB-COMPRE

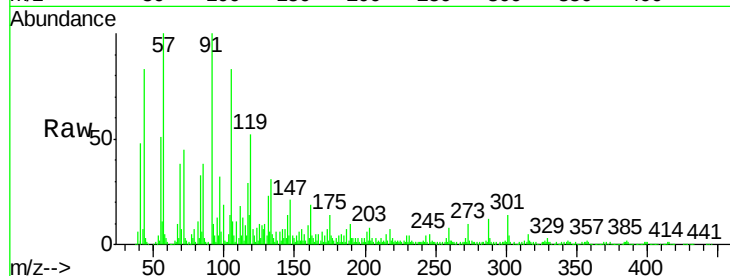
Tgt Ion:149 Resp: 4429

Ion Ratio Lower Upper

149 100

167 309.6 1.3 1.9#

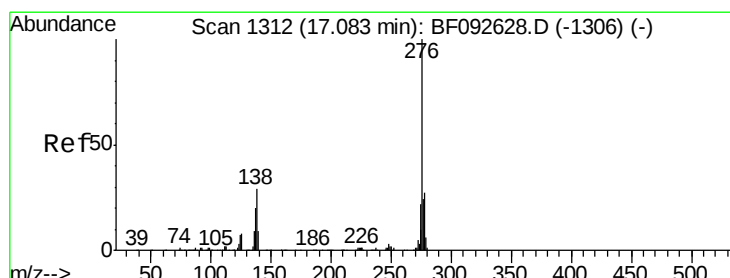
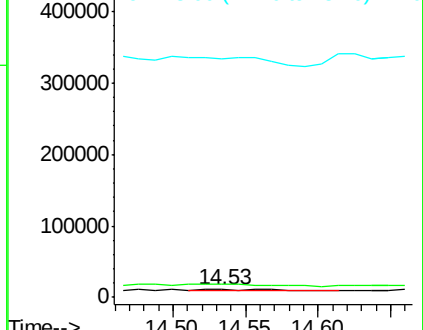
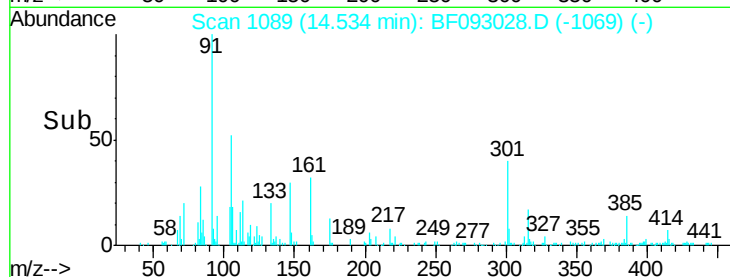
43 0.0 8.9 13.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 29.18 ng

RT: 16.81 min Scan# 1288

Delta R.T. -0.05 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

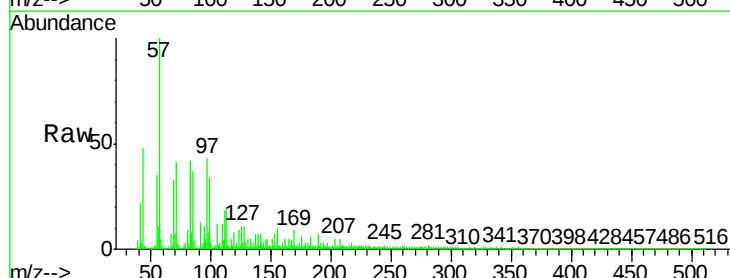
Tgt Ion:276 Resp: 2713

Ion Ratio Lower Upper

276 100

138 117.0 21.8 32.6#

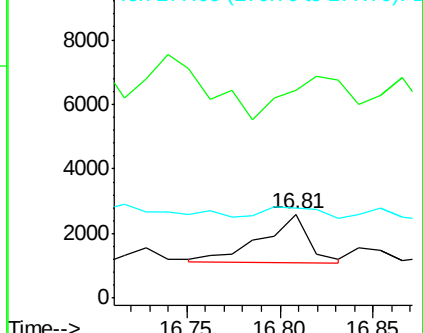
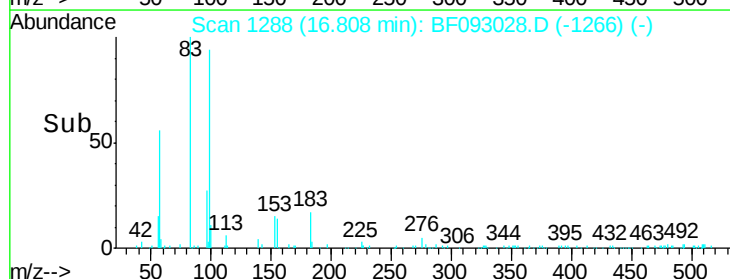
277 0.0 20.2 30.4#

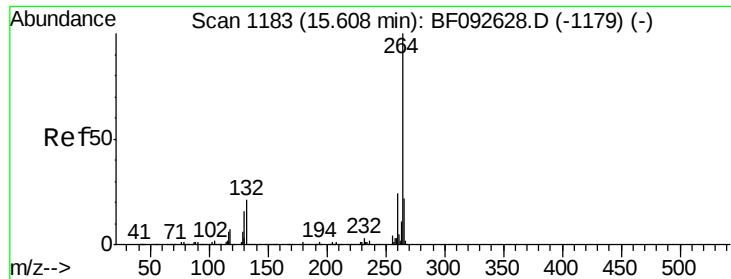


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

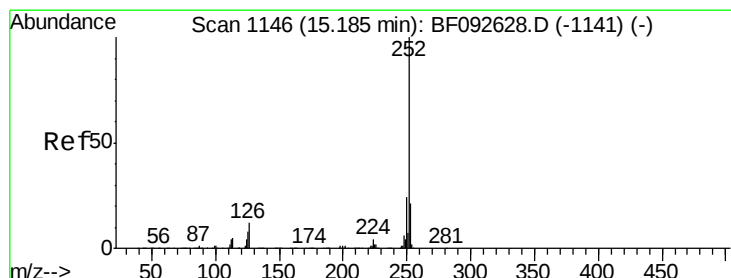
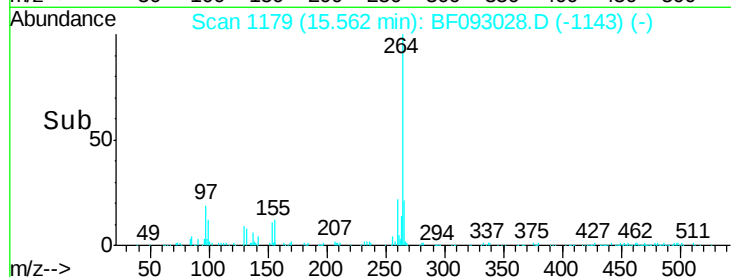
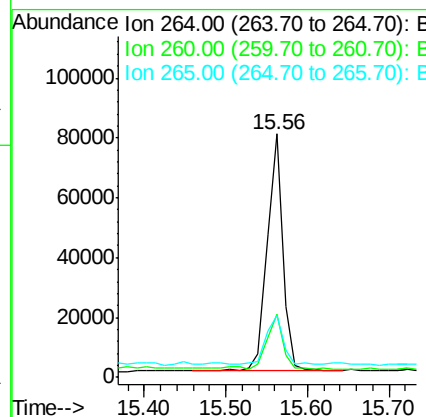
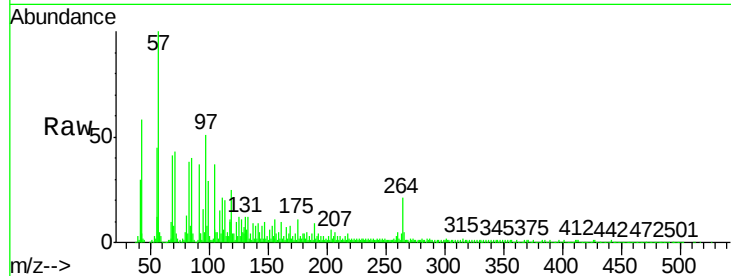




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.56 min Scan# 1179
Delta R.T. 0.11 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

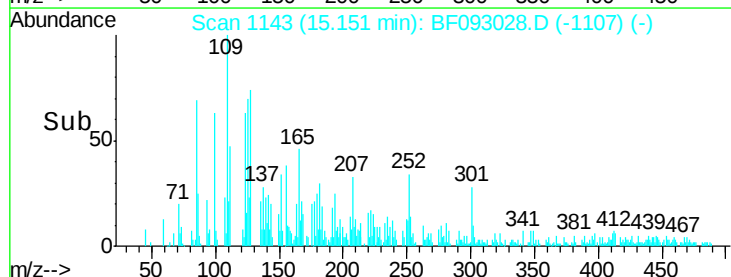
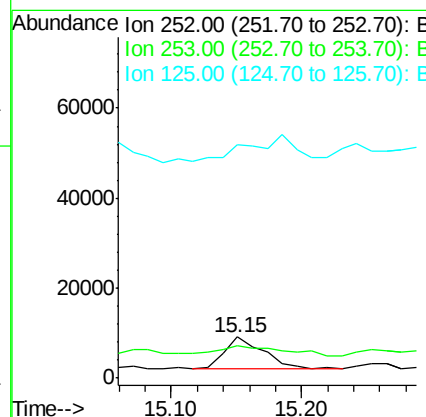
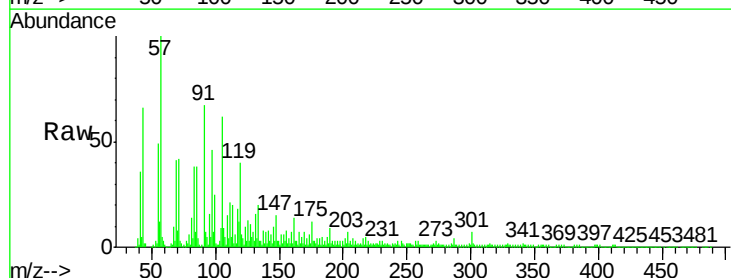
Instrument :
BNA_F
ClientSampleId :
DRUM-AB-COMP

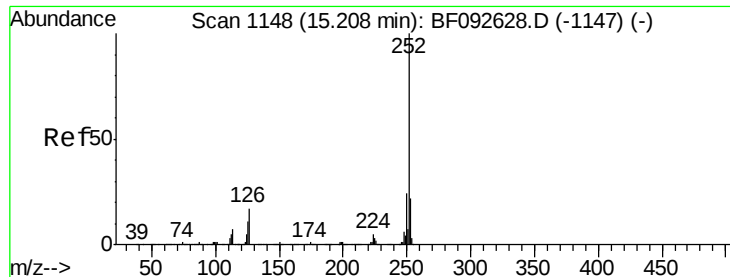
Tgt Ion:264 Resp: 108342
Ion Ratio Lower Upper
264 100
260 25.7 19.2 28.8
265 25.6 17.4 26.0



#87
Benzo(b)fluoranthene
Concen: 2.17 ng
RT: 15.15 min Scan# 1143
Delta R.T. 0.11 min
Lab File: BF093028.D
Acq: 17 Feb 2017 23:21

Tgt Ion:252 Resp: 15476
Ion Ratio Lower Upper
252 100
253 79.9 18.2 27.4#
125 570.2 9.8 14.6#





#88

Benzo(k)fluoranthene

Concen: 2.51 ng

RT: 15.15 min Scan# 1143

Delta R.T. 0.08 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

Instrument :

BNA_F

ClientSampleId :

DRUM-AB-COMPRE

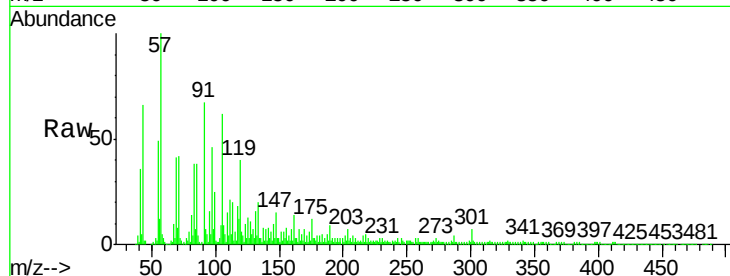
Tgt Ion:252 Resp: 15476

Ion Ratio Lower Upper

252 100

253 79.9 18.5 27.7#

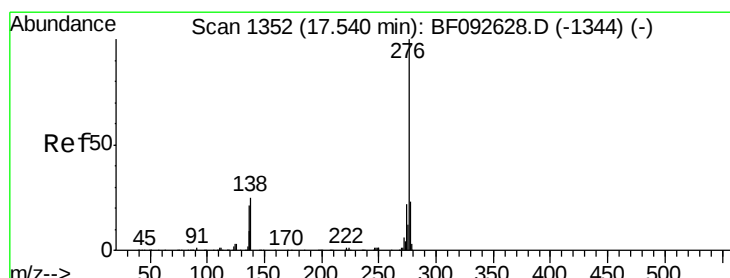
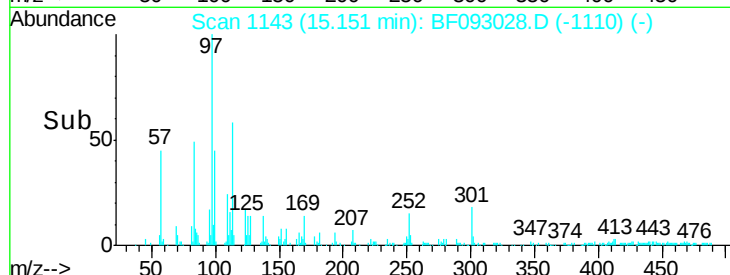
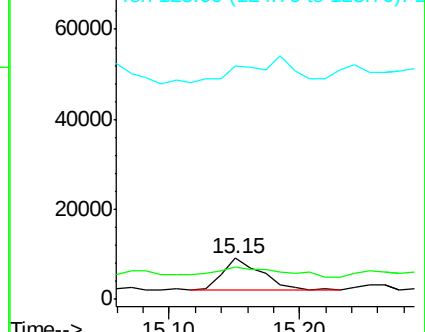
125 570.2 8.9 13.3#



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



#91

Benzo(g,h,i)perylene

Concen: 2.39 ng

RT: 17.38 min Scan# 1338

Delta R.T. 0.09 min

Lab File: BF093028.D

Acq: 17 Feb 2017 23:21

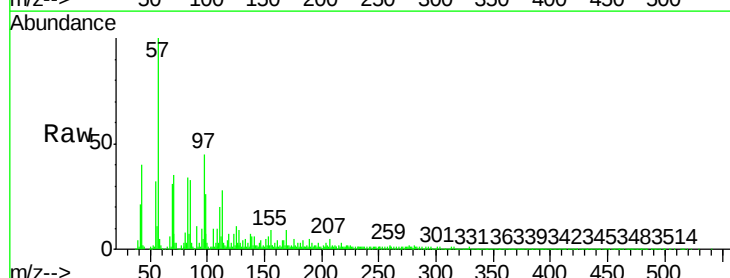
Tgt Ion:276 Resp: 12012

Ion Ratio Lower Upper

276 100

277 51.8 19.2 28.8#

138 104.6 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

