

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022817\
 Data File : BF093249.D
 Acq On : 28 Feb 2017 15:32
 Operator : SJ/MA
 Sample : I2017-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 28 15:56:46 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	145226	20.00	ng	-0.05
21) Naphthalene-d8	8.10	136	550627	20.00	ng	-0.05
38) Acenaphthene-d10	9.85	164	267860	20.00	ng	-0.05
63) Phenanthrene-d10	11.33	188	452480	20.00	ng	-0.05
75) Chrysene-d12	13.97	240	296434	20.00	ng	-0.05
86) Perylene-d12	15.39	264	301313	20.00	ng	-0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	937449	110.75	ng	-0.03
7) Phenol-d6	6.46	99	1235574	113.44	ng	-0.02
23) Nitrobenzene-d5	7.38	82	723619	73.18	ng	-0.05
41) 2,4,6-Tribromophenol	10.64	330	194867	100.59	ng	-0.05
44) 2-Fluorobiphenyl	9.17	172	1137426	76.93	ng	-0.05
78) Terphenyl-d14	12.91	244	728112	57.71	ng	-0.06

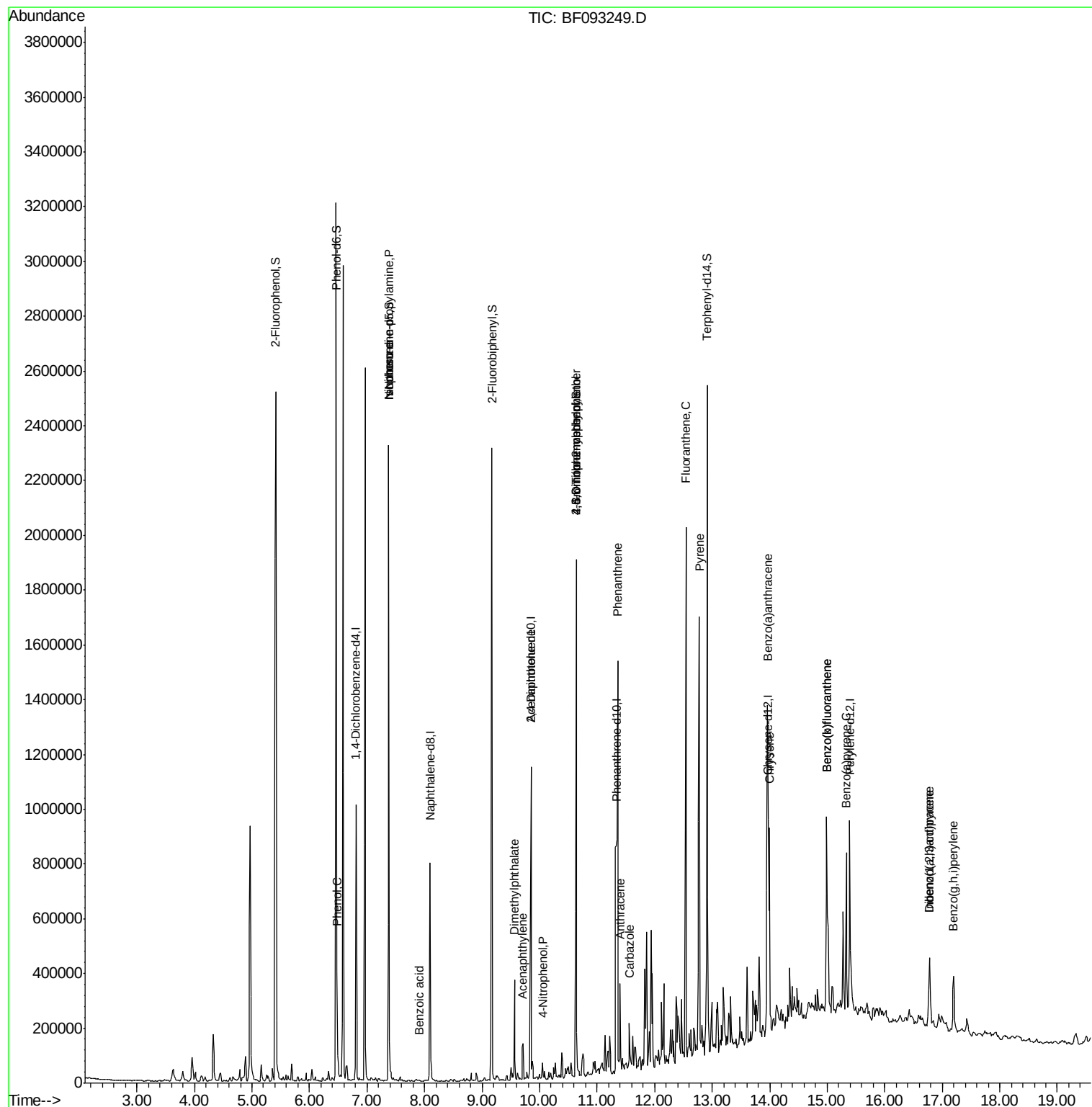
Target Compounds						Qvalue
10) Phenol	6.48	94	80636	6.33	ng	# 70
19) n-Nitroso-di-n-propylamine	7.38	70	99256	14.32	ng	# 79
25) Isophorone	7.38	82	587717	31.90	ng	# 65
32) Benzoic acid	7.90	122	538	7.26	ng	# 72
48) Acenaphthylene	9.71	152	80919	3.09	ng	97
49) Dimethylphthalate	9.56	163	134719	7.47	ng	99
55) 4-Nitrophenol	10.05	139	9470	2.95	ng	# 7
56) 2,4-Dinitrotoluene	9.85	165	34095	6.57	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.64	198	378	2.80	ng	# 1
66) 4-Bromophenyl-phenylether	10.64	248	15624	3.31	ng	# 1
70) Phenanthrene	11.36	178	683743	26.38	ng	98
71) Anthracene	11.40	178	124853	4.80	ng	96
72) Carbazole	11.56	167	59941	2.41	ng	98
74) Fluoranthene	12.55	202	823128	30.78	ng	95
77) Pyrene	12.77	202	758560	34.19	ng	98
80) Benzo(a)anthracene	13.96	228	337975	18.64	ng	94
82) Chrysene	14.00	228	314946	18.55	ng	98
85) Indeno(1,2,3-cd)pyrene	16.77	276	160730	12.22	ng	98
87) Benzo(b)fluoranthene	14.99	252	480956	24.25	ng	98
88) Benzo(k)fluoranthene	14.99	252	480956	28.09	ng	# 97
89) Benzo(a)pyrene	15.33	252	260327	15.17	ng	99
90) Dibenzo(a,h)anthracene	16.77	278	46062	3.32	ng	# 78
91) Benzo(g,h,i)perylene	17.20	276	146185	10.44	ng	# 91

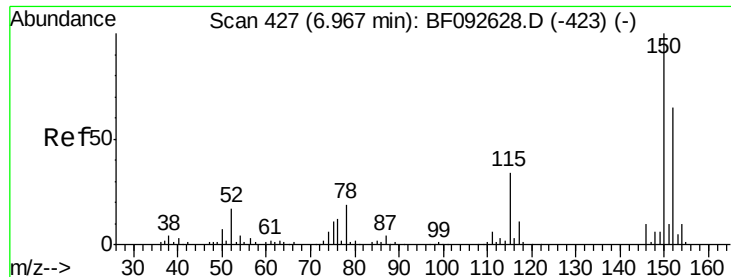
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF093249.D

Acq: 28 Feb 2017 15:32

Instrument :

BNA_F

ClientSampleId :

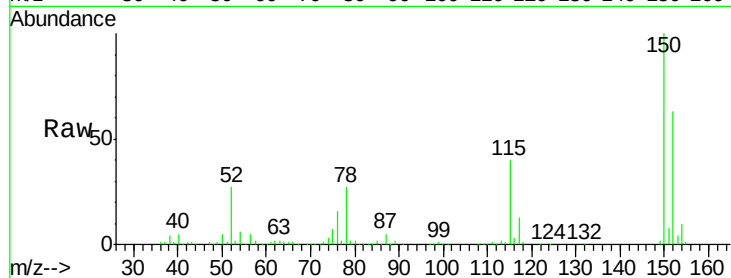
Tot Ion:152 Resp: 145226

Ion Ratio Lower Upper

152 100

150 158.8 124.9 187.3

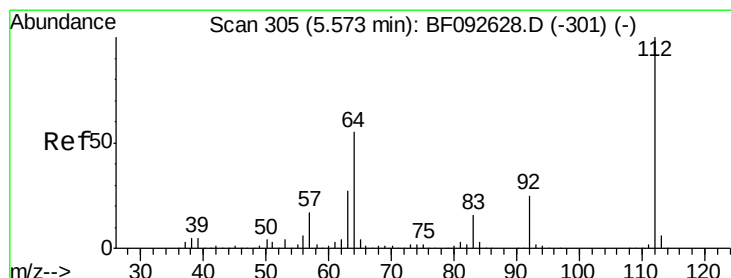
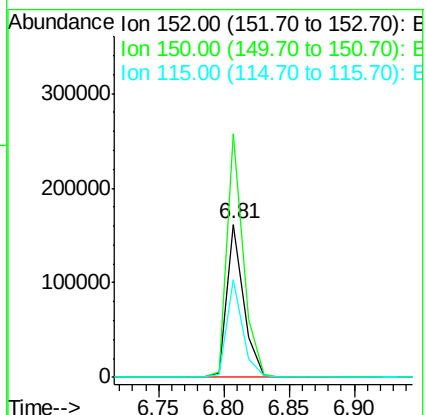
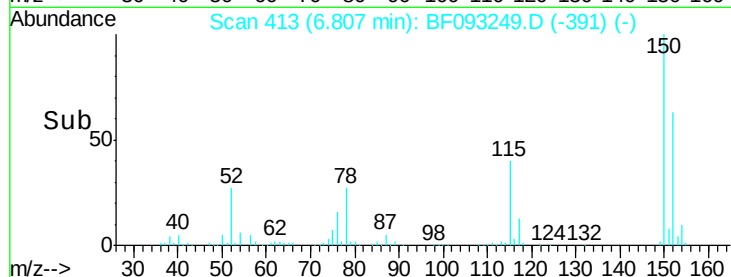
115 63.6 46.0 69.0



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: 110.75 ng

RT: 5.41 min Scan# 291

Delta R.T. -0.03 min

Lab File: BF093249.D

Acq: 28 Feb 2017 15:32

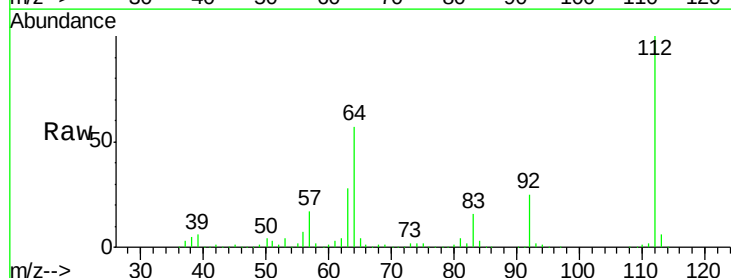
Tgt Ion:112 Resp: 937449

Ion Ratio Lower Upper

112 100

64 57.1 46.1 69.1

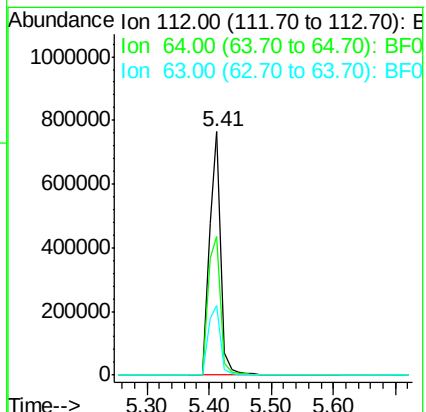
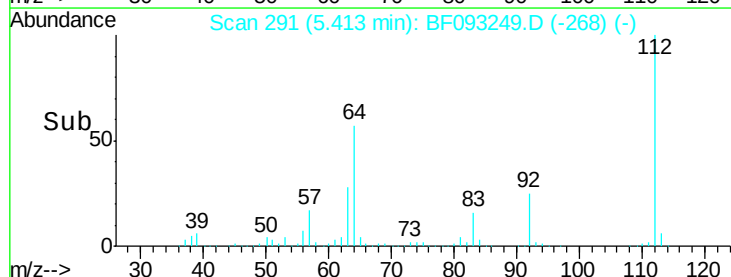
63 28.5 23.8 35.6

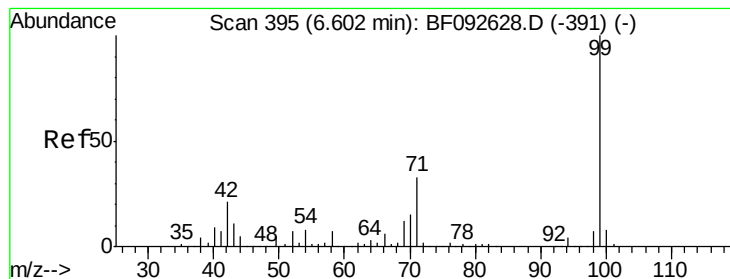


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.44 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.02 min

Lab File: BF093249.D

Acq: 28 Feb 2017 15:32

Instrument :

BNA_F

ClientSampleId :

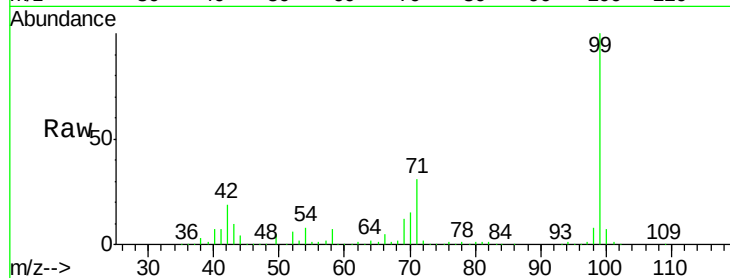
Tot Ion: 99 Resp: 1235574

Ion Ratio Lower Upper

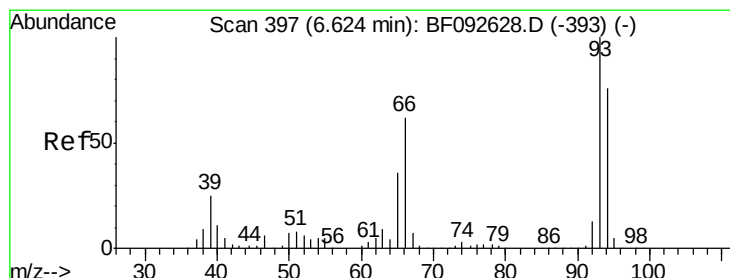
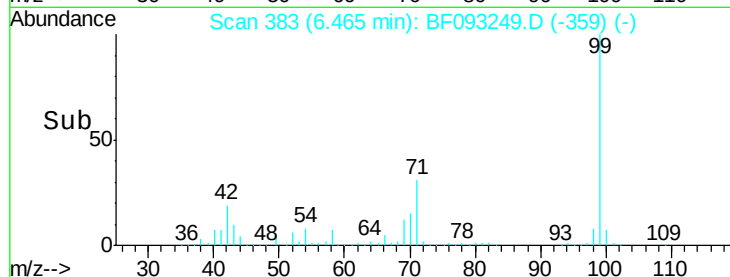
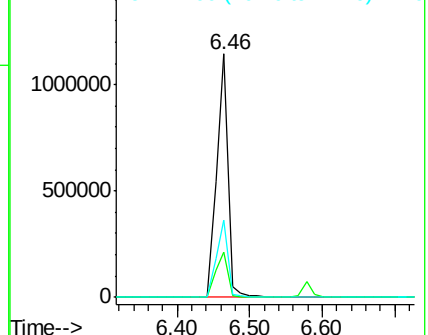
99 100

42 18.6 15.6 23.4

71 31.5 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: 6.33 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.03 min

Lab File: BF093249.D

Acq: 28 Feb 2017 15:32

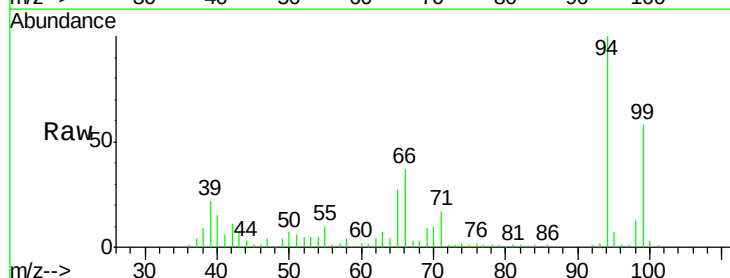
Tgt Ion: 94 Resp: 80636

Ion Ratio Lower Upper

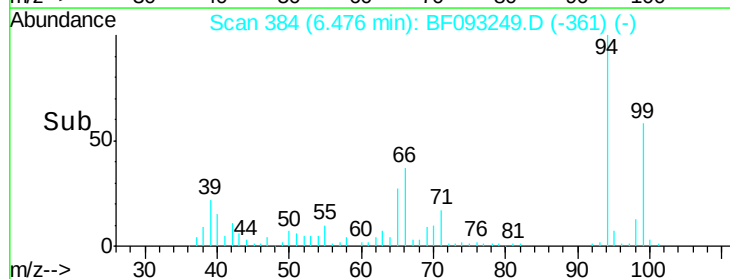
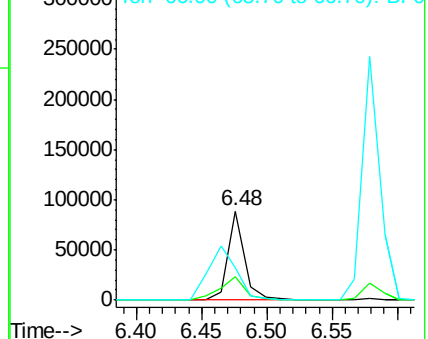
94 100

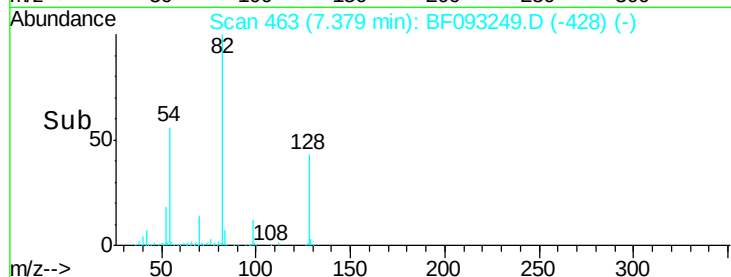
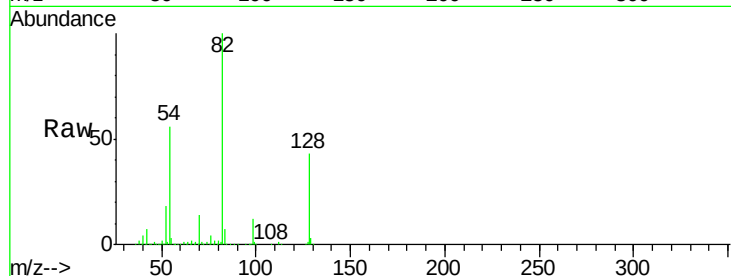
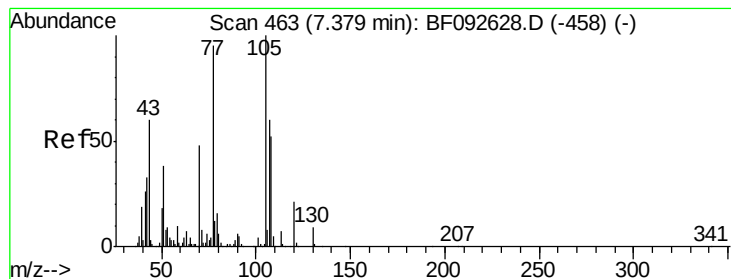
65 26.9 21.4 61.4

66 36.7 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: 14.32 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.10 min

Lab File: BF093249.D

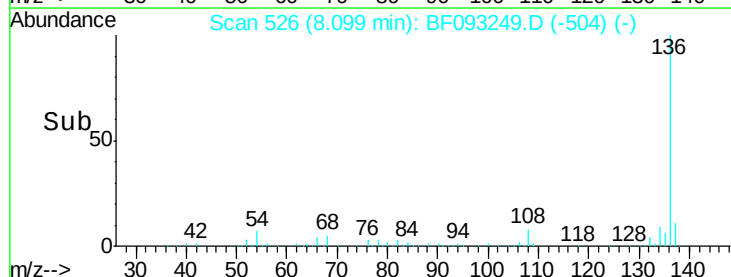
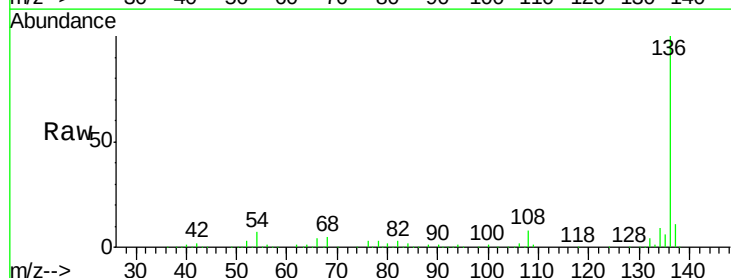
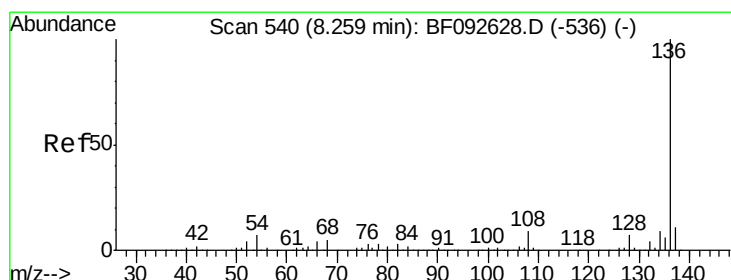
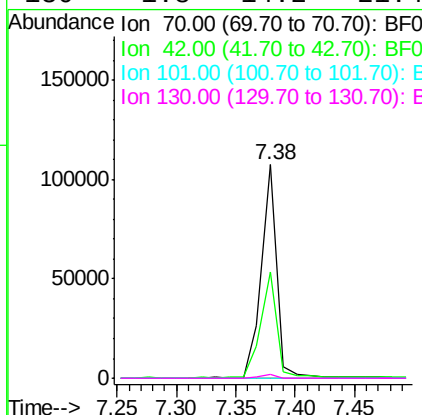
Acq: 28 Feb 2017 15:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	70	Resp:	99256
Ion	Ratio	Lower	Upper
70	100		
42	49.6	49.4	74.0
101	0.0	7.4	11.2#
130	1.8	14.2	21.4#



#21

Naphthalene-d8

Concen: 20.00 ng

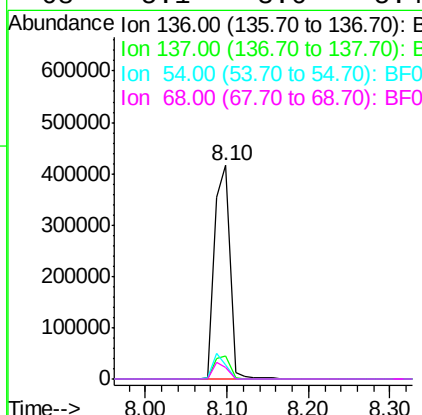
RT: 8.10 min Scan# 526

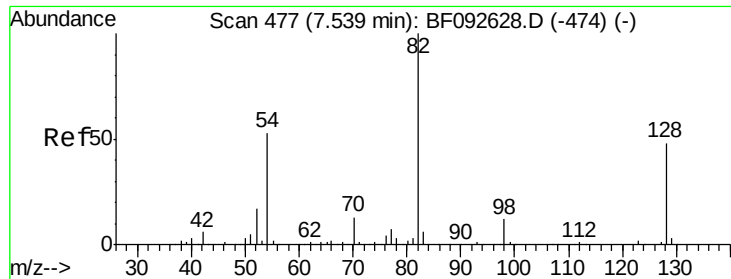
Delta R.T. -0.05 min

Lab File: BF093249.D

Acq: 28 Feb 2017 15:32

Tgt Ion:	136	Resp:	550627
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	6.9	4.5	6.7#
68	5.1	3.6	5.4

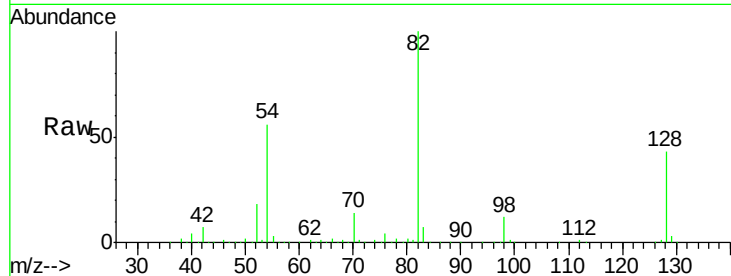




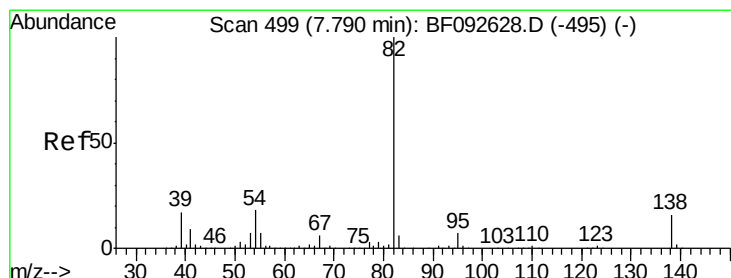
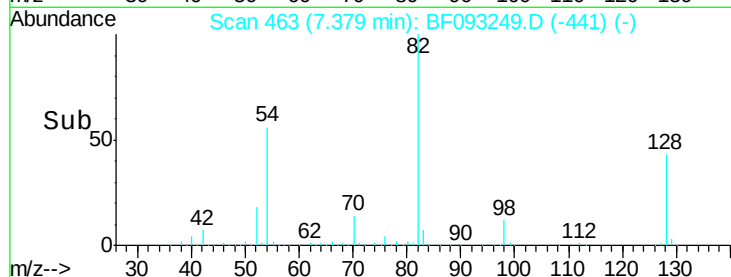
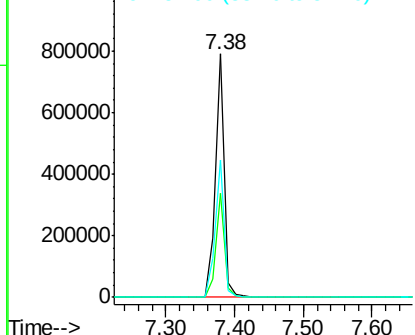
#23
Nitrobenzene-d5
Concen: 73.18 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093249.D
Acq: 28 Feb 2017 15:32

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 723619
Ion Ratio Lower Upper
82 100
128 42.9 34.6 52.0
54 56.4 39.5 59.3

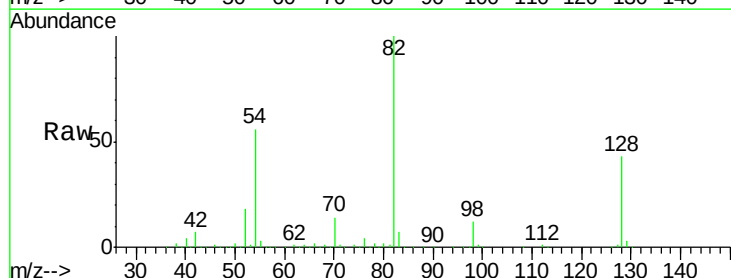


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

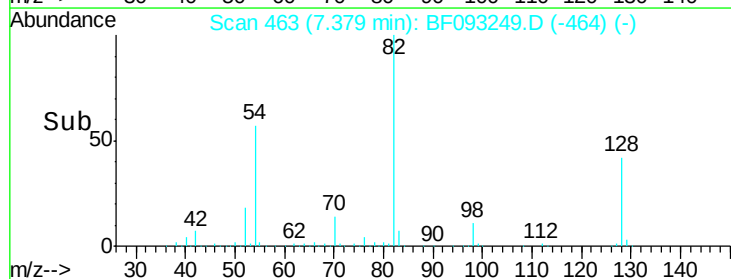
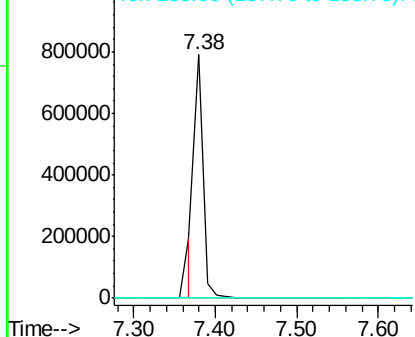


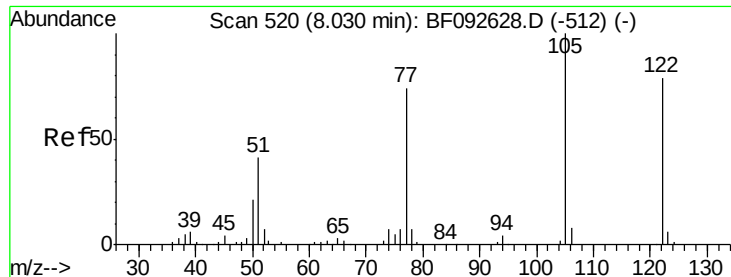
#25
Isophorone
Concen: 31.90 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.31 min
Lab File: BF093249.D
Acq: 28 Feb 2017 15:32

Tgt Ion: 82 Resp: 587717
Ion Ratio Lower Upper
82 100
95 0.0 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

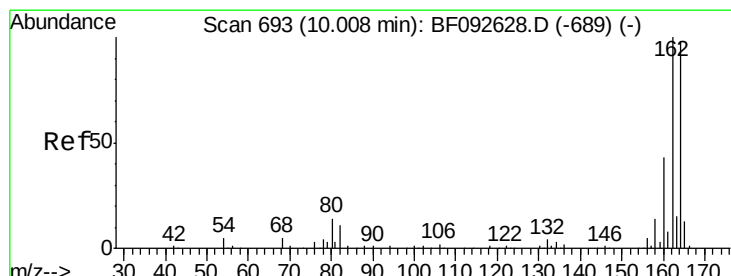
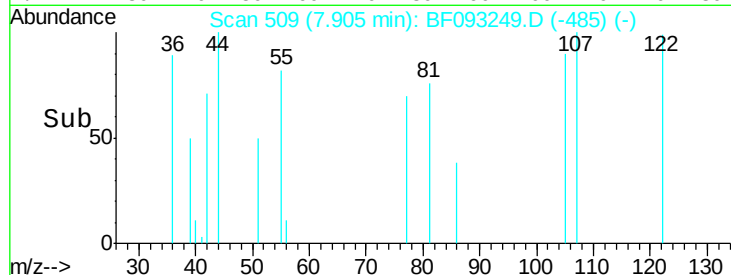
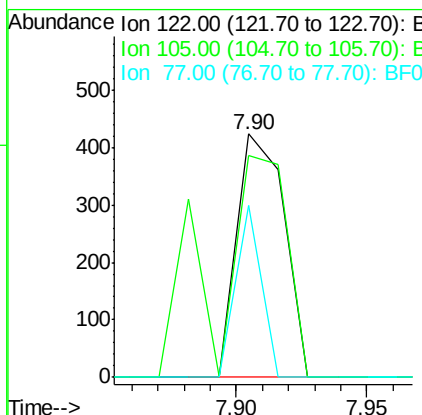
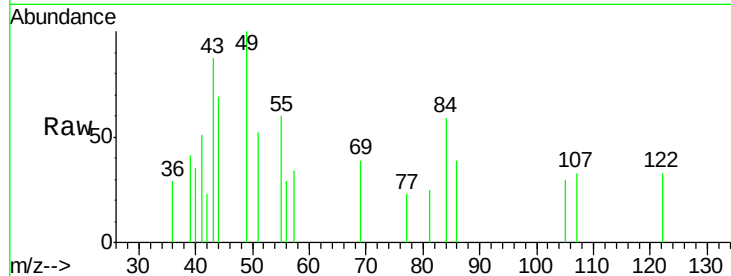




#32
Benzoic acid
Concen: 7.26 ng
RT: 7.90 min Scan# 509
Delta R.T. -0.02 min
Lab File: BF093249.D
Acq: 28 Feb 2017 15:32

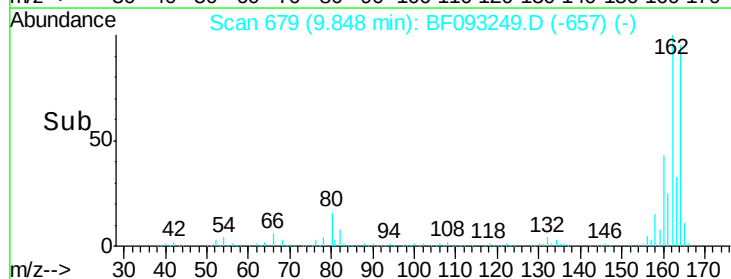
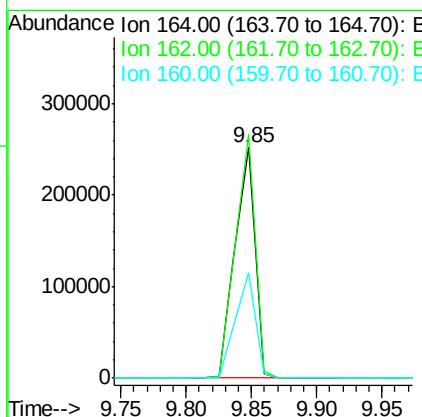
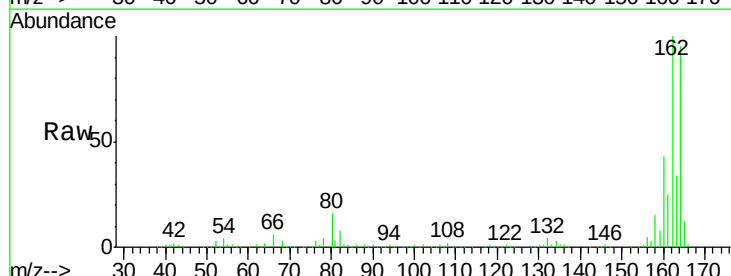
Instrument :
BNA_F
ClientSampled :

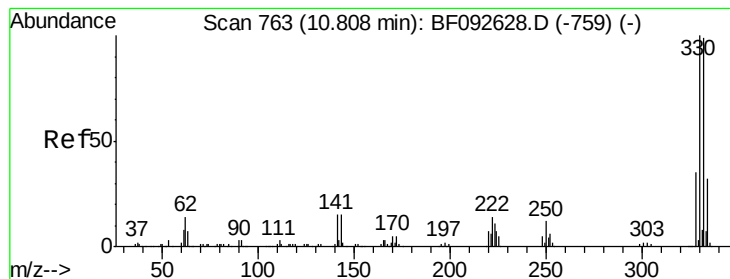
Tot Ion:122 Resp: 538
Ion Ratio Lower Upper
122 100
105 91.0 107.2 147.2#
77 70.8 74.5 114.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093249.D
Acq: 28 Feb 2017 15:32

Tgt Ion:164 Resp: 267860
Ion Ratio Lower Upper
164 100
162 105.5 80.2 120.2
160 45.9 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 100.59 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.05 min

Lab File: BF093249.D

Acq: 28 Feb 2017 15:32

Instrument :

BNA_F

ClientSampled :

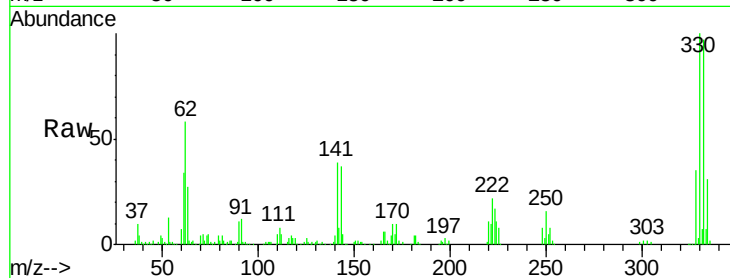
Tot Ion:330 Resp: 194867

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

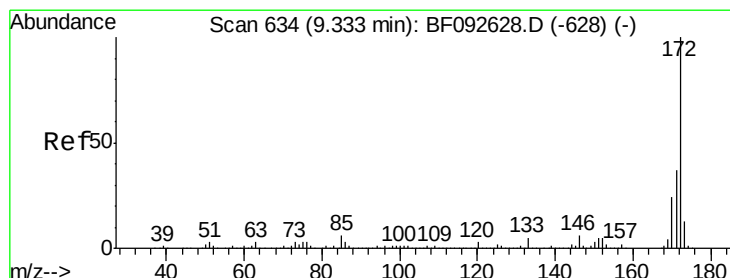
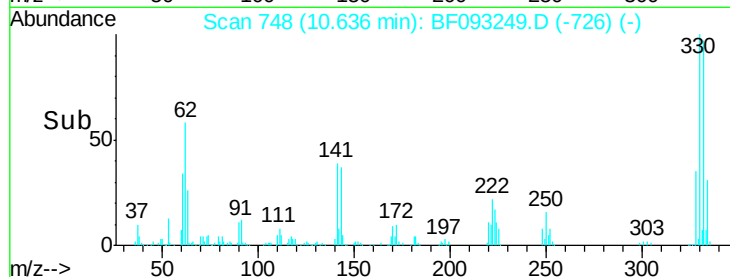
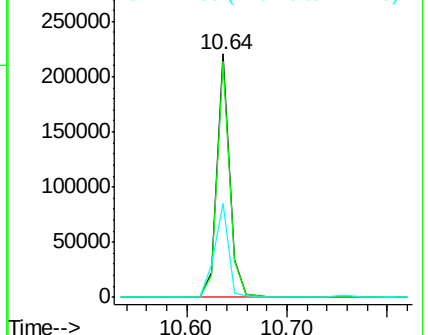
141 43.4 34.1 51.1



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: 76.93 ng

RT: 9.17 min Scan# 620

Delta R.T. -0.05 min

Lab File: BF093249.D

Acq: 28 Feb 2017 15:32

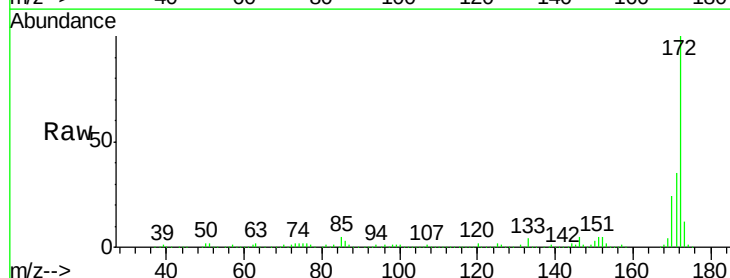
Tgt Ion:172 Resp: 1137426

Ion Ratio Lower Upper

172 100

171 35.1 29.4 44.0

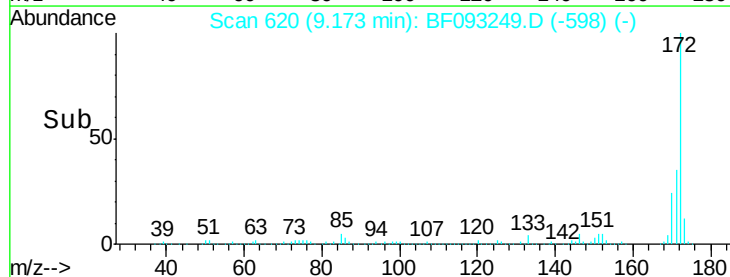
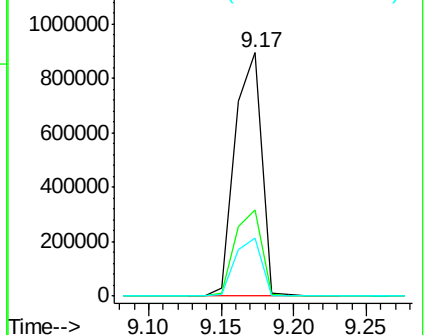
170 23.9 20.2 30.4

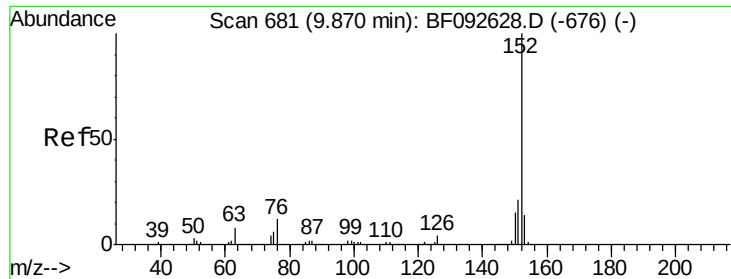


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#48

Acenaphthylene

Concen: 3.09 ng

RT: 9.71 min Scan# 667

Delta R.T. -0.05 min

Lab File: BF093249.D

Acq: 28 Feb 2017 15:32

Instrument :

BNA_F

ClientSampleId :

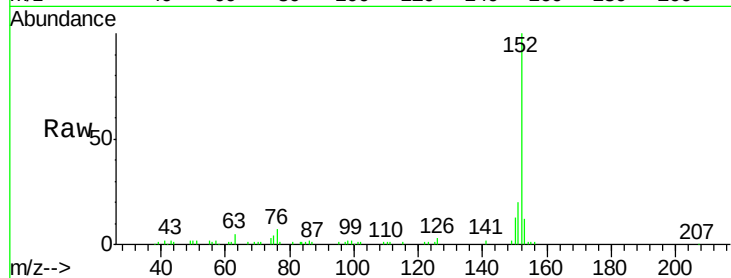
Tot Ion:152 Resp: 80919

Ion Ratio Lower Upper

152 100

151 20.4 16.9 25.3

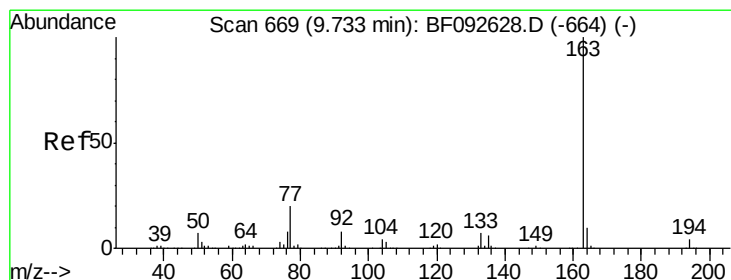
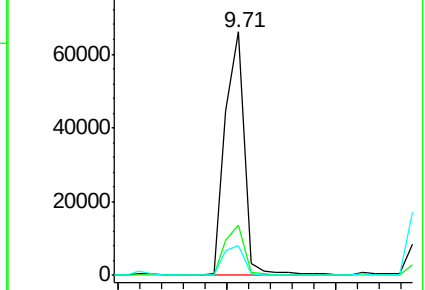
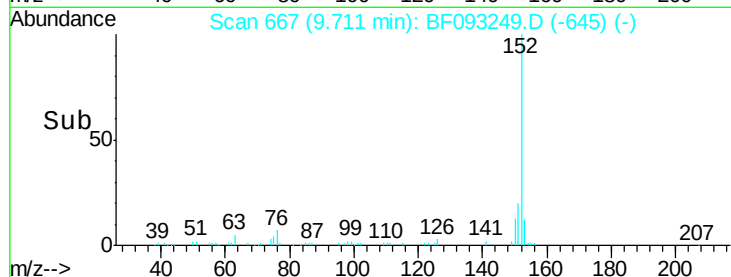
153 12.2 11.4 17.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 7.47 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.06 min

Lab File: BF093249.D

Acq: 28 Feb 2017 15:32

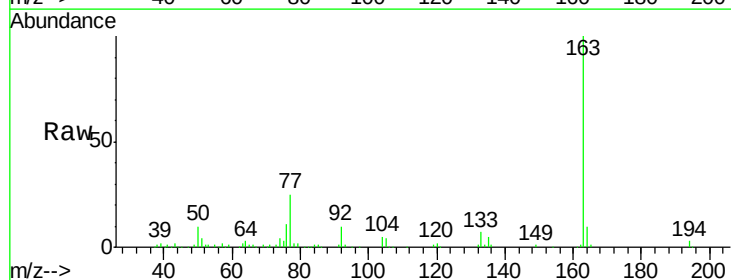
Tgt Ion:163 Resp: 134719

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

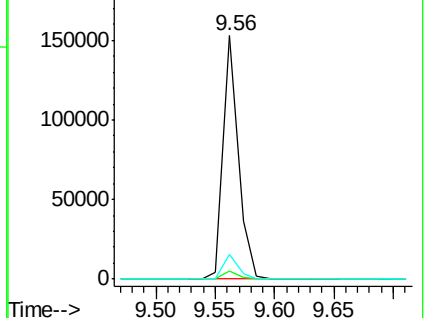
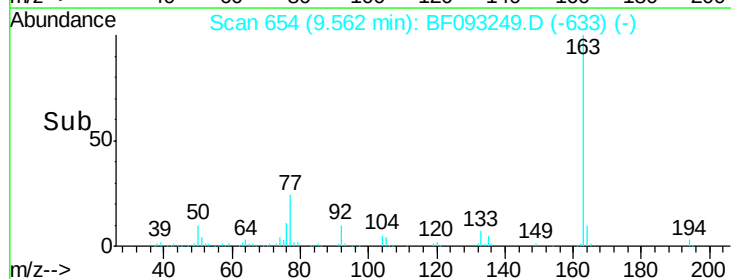
164 10.1 8.0 12.0

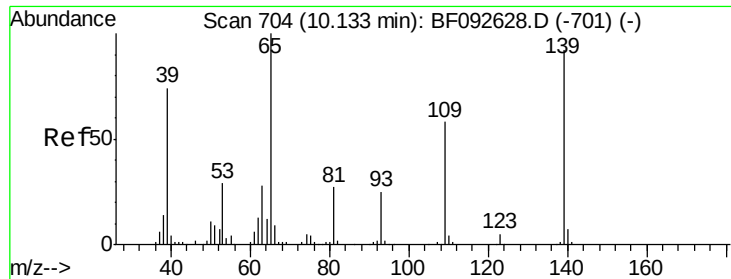


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#55

4-Nitrophenol

Concen: 2.95 ng

RT: 10.05 min Scan# 697

Delta R.T. 0.03 min

Lab File: BF093249.D

Acq: 28 Feb 2017 15:32

Instrument :

BNA_F

ClientSampleId :

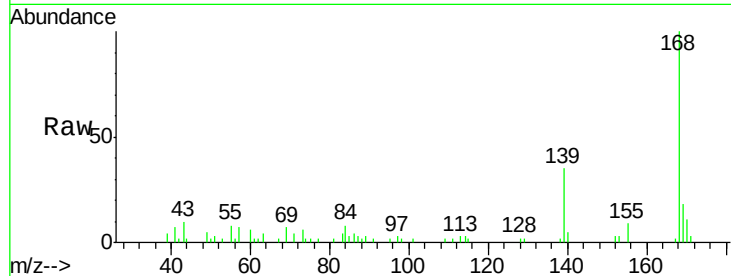
Tot Ion:139 Resp: 9470

Ion Ratio Lower Upper

139 100

109 5.2 52.2 92.2#

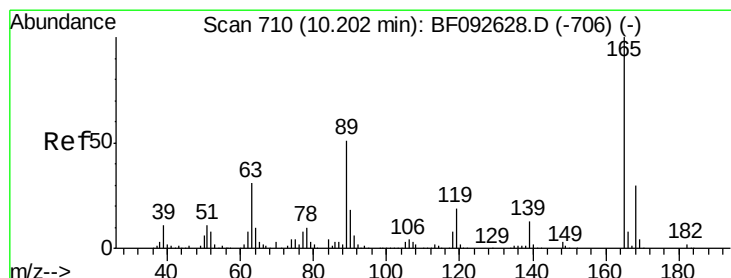
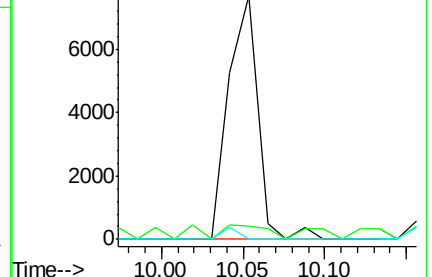
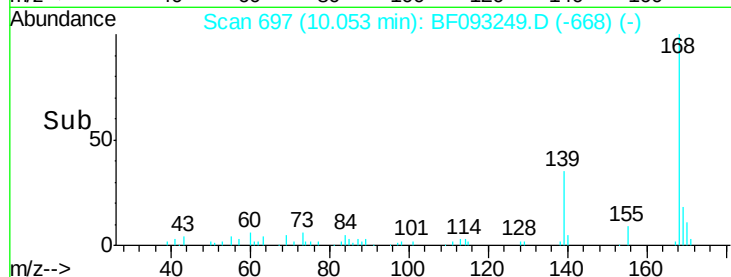
65 0.0 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 6.57 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.24 min

Lab File: BF093249.D

Acq: 28 Feb 2017 15:32

Tgt Ion:165 Resp: 34095

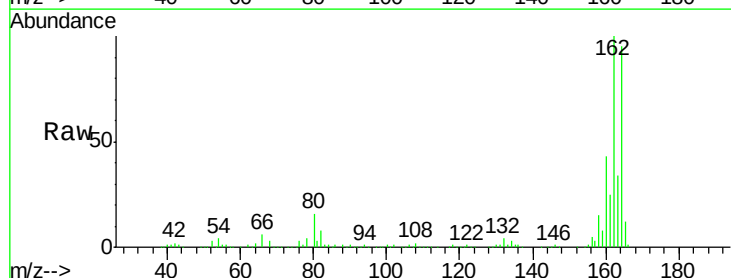
Ion Ratio Lower Upper

165 100

63 1.9 40.2 60.4#

89 1.9 62.5 93.7#

182 0.0 1.8 2.8#

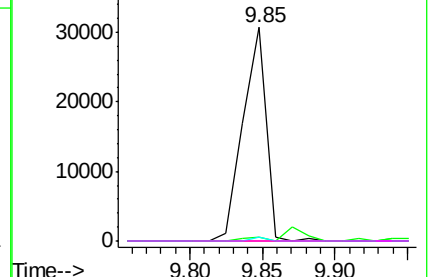
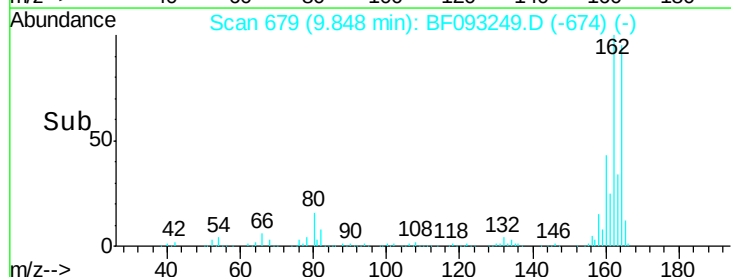


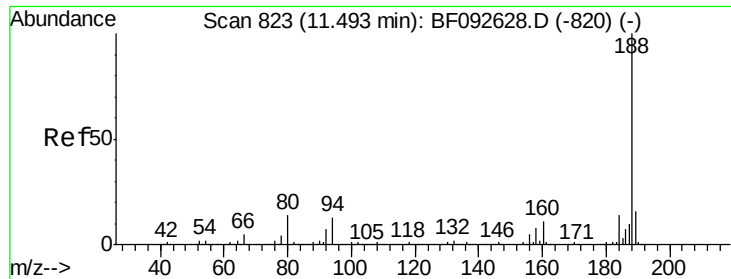
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.05 min

Lab File: BF093249.D

Acq: 28 Feb 2017 15:32

Instrument :

BNA_F

ClientSampleId :

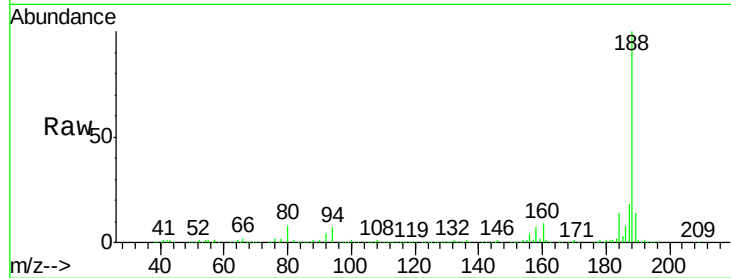
Tot Ion:188 Resp: 452480

Ion Ratio Lower Upper

188 100

94 7.3 10.0 15.0#

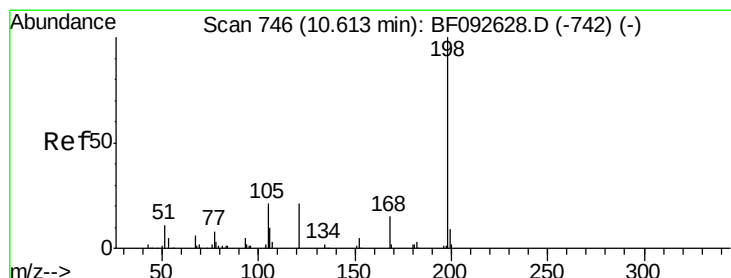
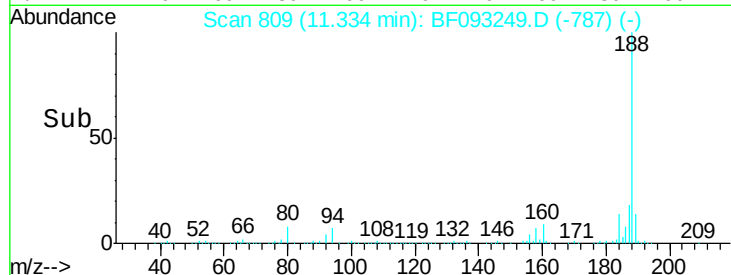
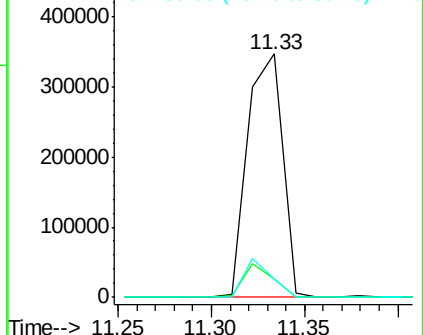
80 7.7 11.2 16.8#



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: 2.80 ng

RT: 10.64 min Scan# 748

Delta R.T. 0.14 min

Lab File: BF093249.D

Acq: 28 Feb 2017 15:32

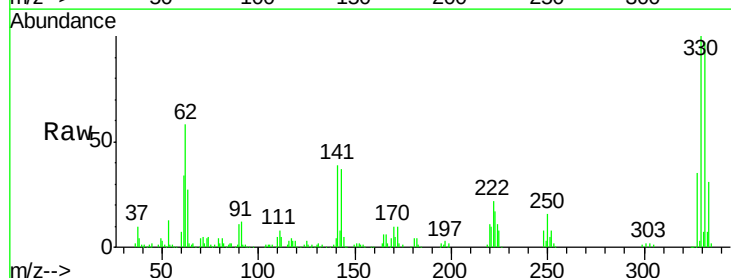
Tgt Ion:198 Resp: 378

Ion Ratio Lower Upper

198 100

51 324.7 6.7 46.7#

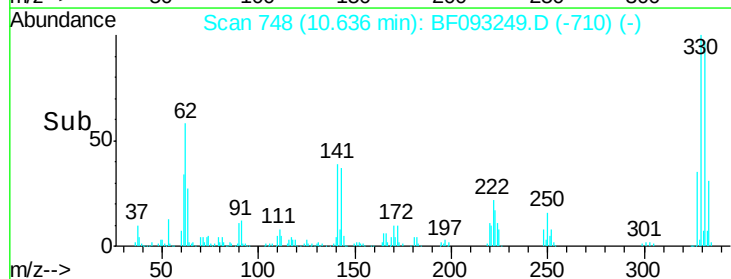
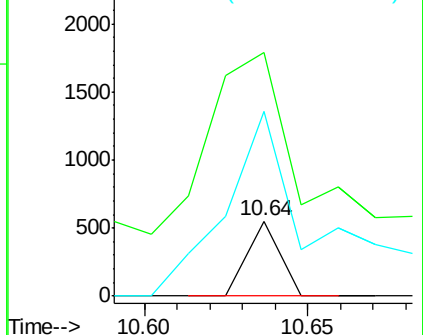
105 245.9 16.6 56.6#

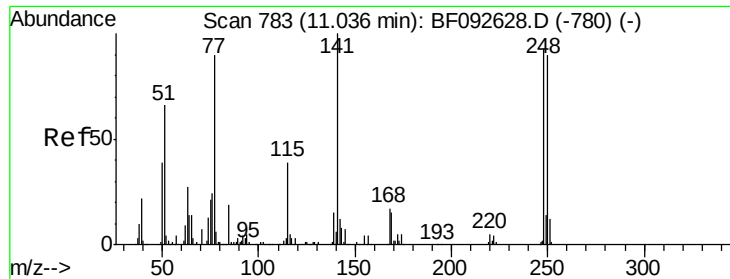


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

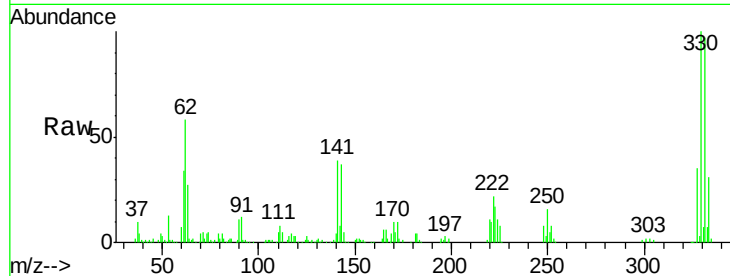




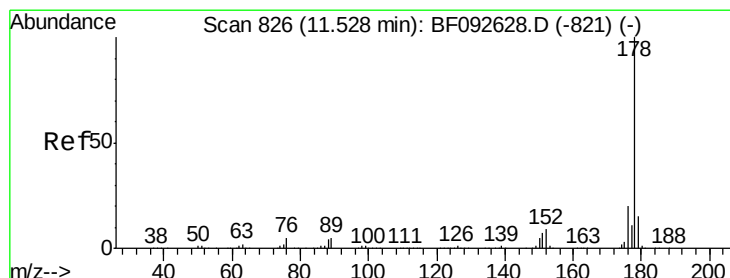
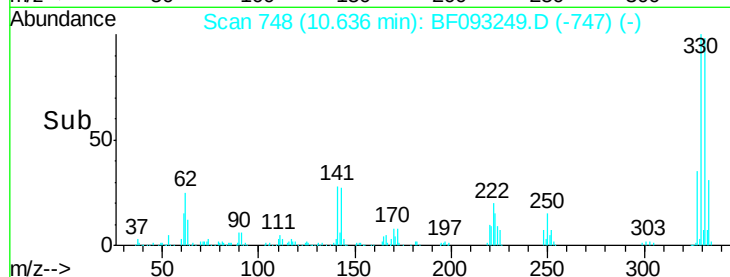
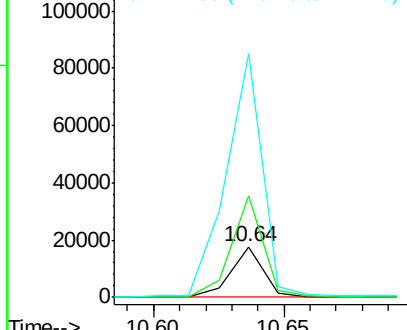
#66
4-Bromophenyl-phenylether
Concen: 3.31 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.29 min
Lab File: BF093249.D
Acq: 28 Feb 2017 15:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 15624
Ion Ratio Lower Upper
248 100
250 198.6 76.9 115.3#
141 477.6 68.2 102.4#

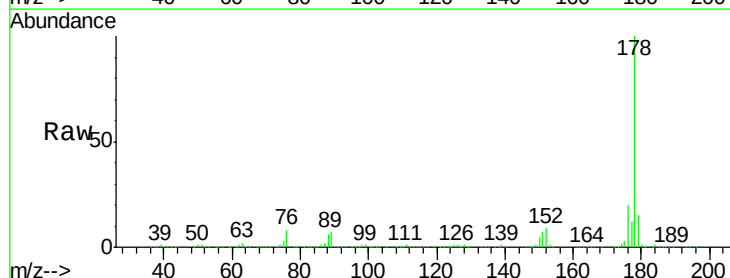


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

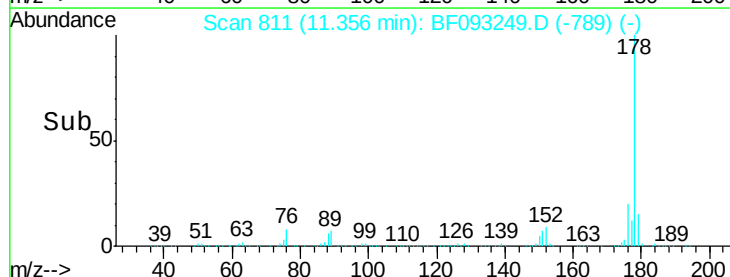
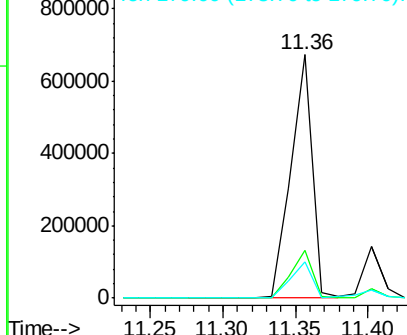


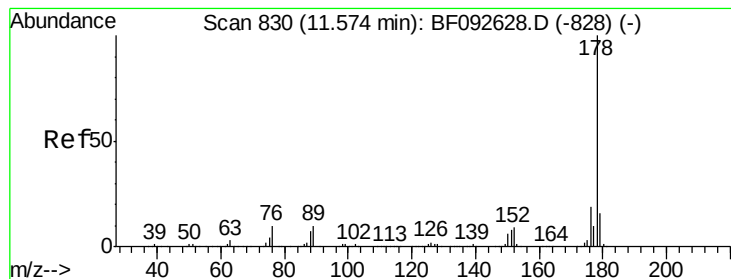
#70
Phenanthrene
Concen: 26.38 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.05 min
Lab File: BF093249.D
Acq: 28 Feb 2017 15:32

Tgt Ion:178 Resp: 683743
Ion Ratio Lower Upper
178 100
176 19.8 16.6 25.0
179 15.1 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: 4.80 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.06 min

Lab File: BF093249.D

Acq: 28 Feb 2017 15:32

Instrument :

BNA_F

ClientSampleId :

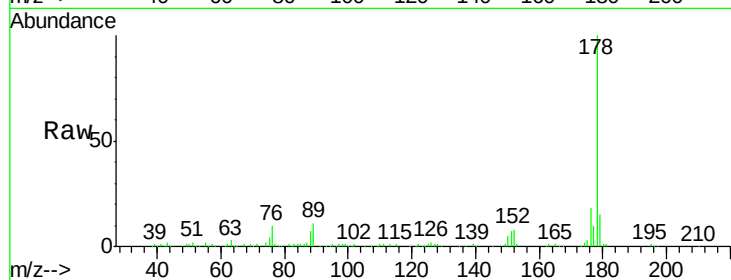
Tot Ion:178 Resp: 124853

Ion Ratio Lower Upper

178 100

176 17.7 15.9 23.9

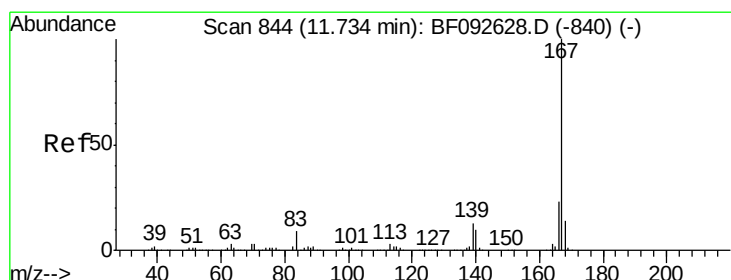
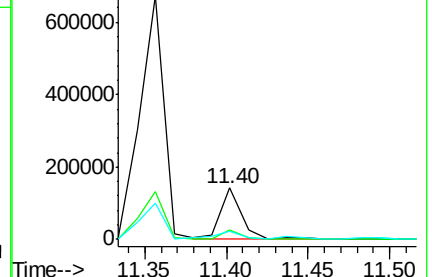
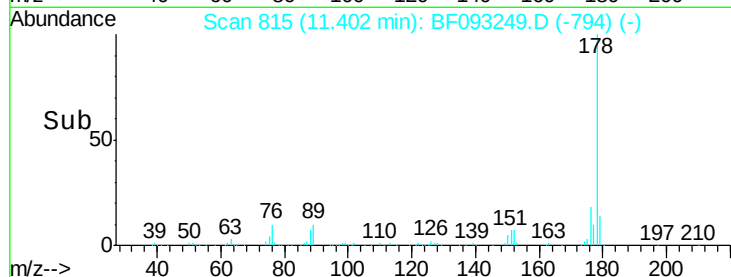
179 14.7 13.2 19.8



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: 2.41 ng

RT: 11.56 min Scan# 829

Delta R.T. -0.05 min

Lab File: BF093249.D

Acq: 28 Feb 2017 15:32

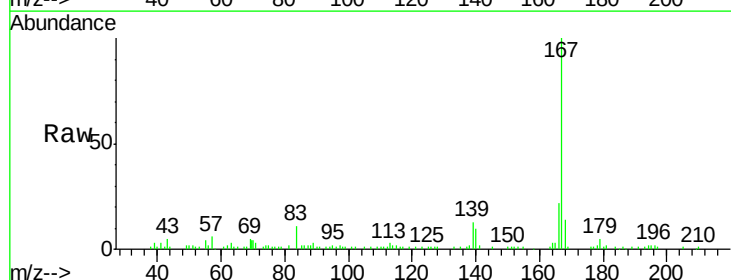
Tgt Ion:167 Resp: 59941

Ion Ratio Lower Upper

167 100

166 22.0 18.2 27.2

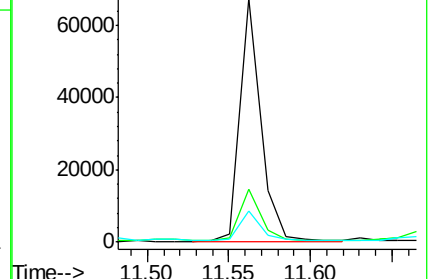
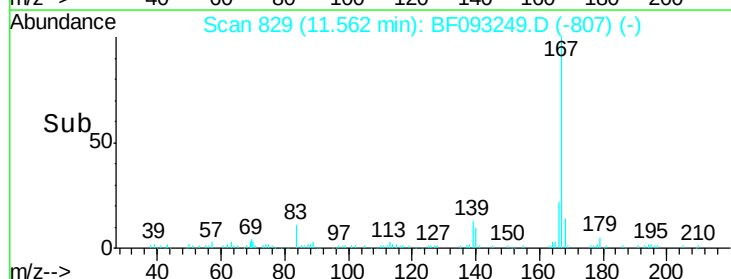
139 13.0 11.4 17.2

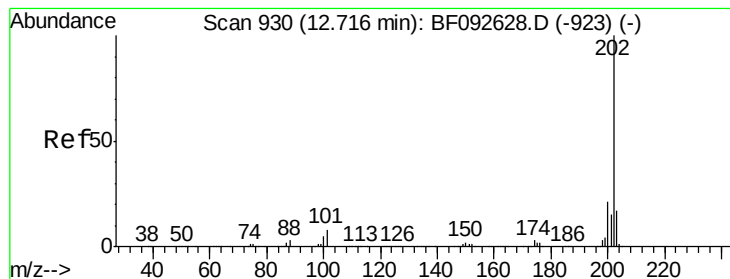


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 30.78 ng

RT: 12.55 min Scan# 915

Delta R.T. -0.05 min

Lab File: BF093249.D

Acq: 28 Feb 2017 15:32

Instrument :

BNA_F

ClientSampled :

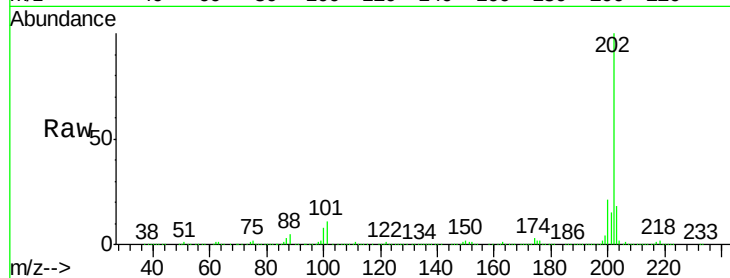
Tot Ion:202 Resp: 823128

Ion Ratio Lower Upper

202 100

101 11.0 0.0 34.6

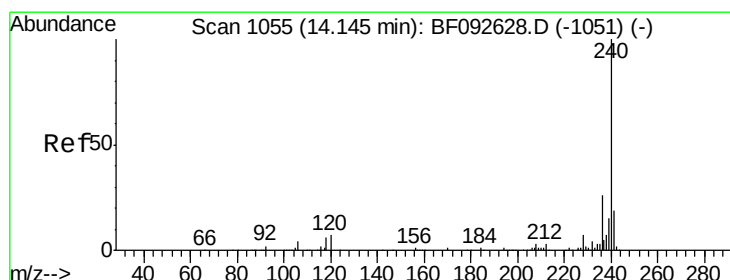
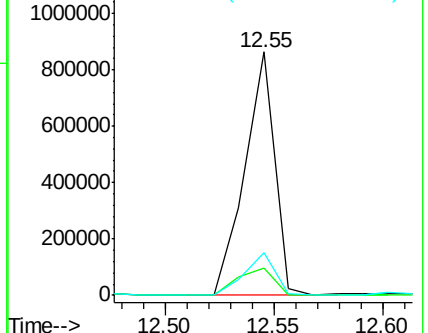
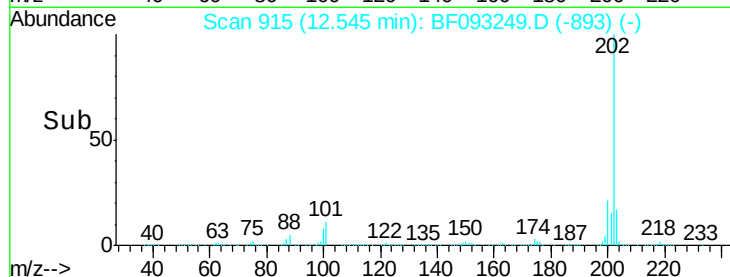
203 17.5 0.0 38.7



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: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF093249.D

Acq: 28 Feb 2017 15:32

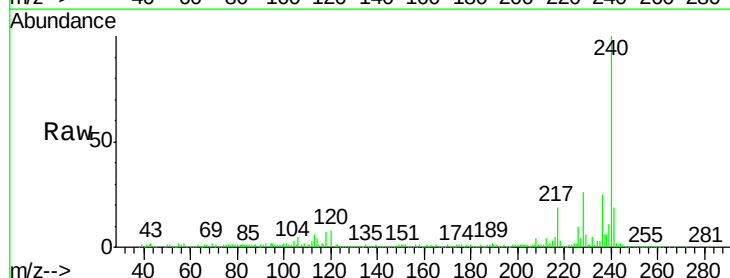
Tgt Ion:240 Resp: 296434

Ion Ratio Lower Upper

240 100

120 7.9 12.9 19.3#

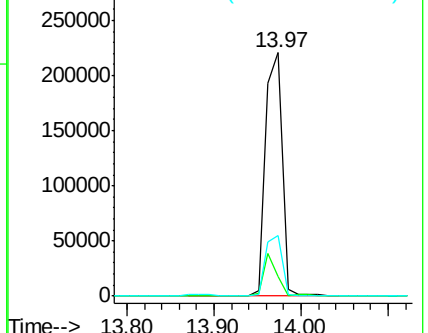
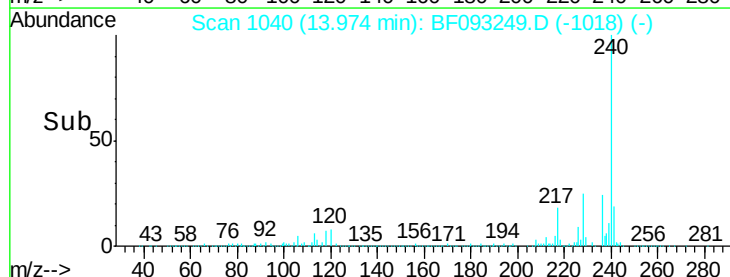
236 24.9 20.9 31.3

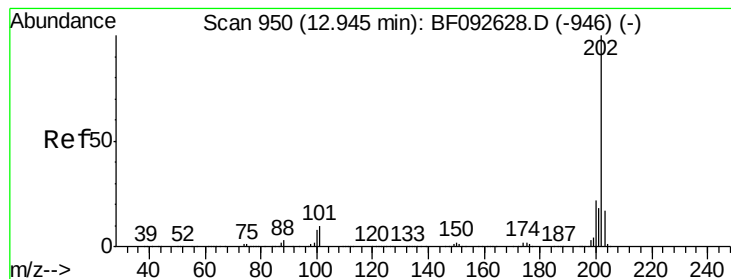


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 34.19 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF093249.D

Acq: 28 Feb 2017 15:32

Instrument :

BNA_F

ClientSampleId :

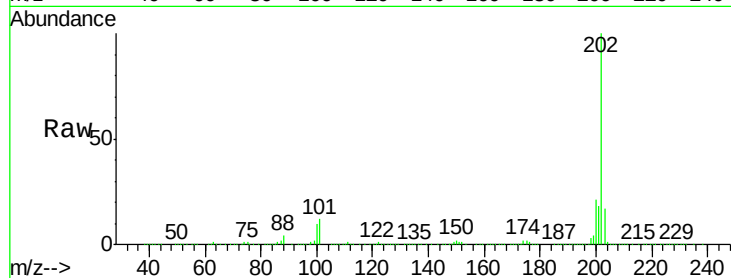
Tot Ion:202 Resp: 758560

Ion Ratio Lower Upper

202 100

200 21.1 17.7 26.5

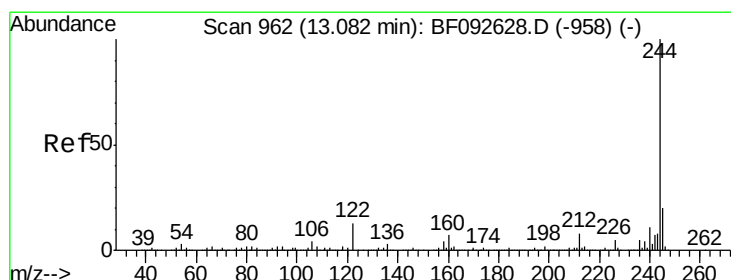
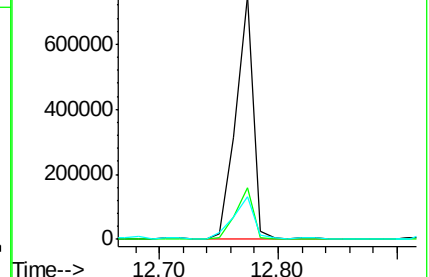
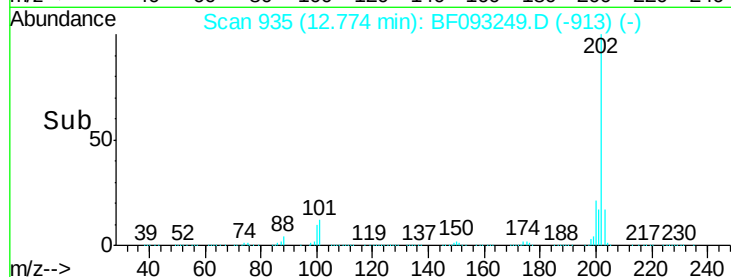
203 17.4 14.7 22.1



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: 57.71 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF093249.D

Acq: 28 Feb 2017 15:32

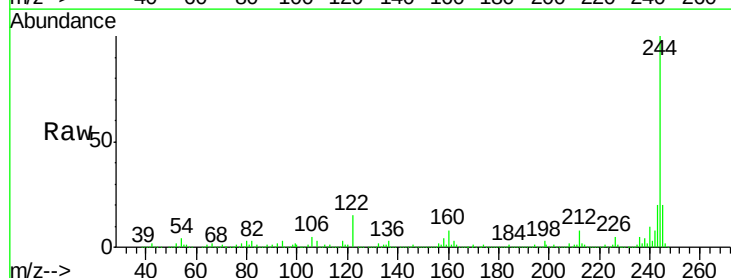
Tgt Ion:244 Resp: 728112

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

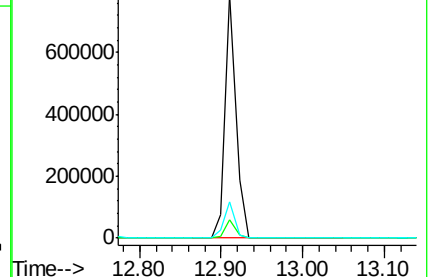
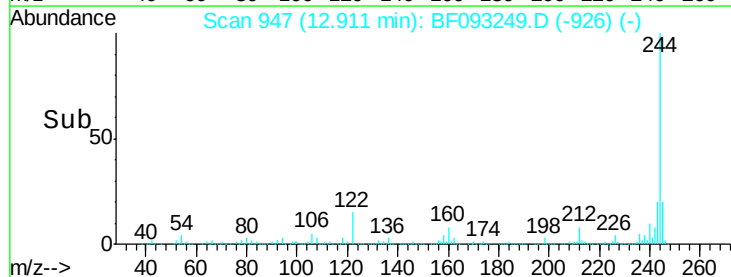
122 14.8 11.4 17.2

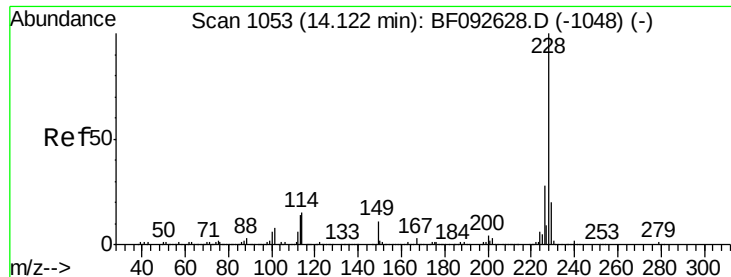


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 18.64 ng

RT: 13.96 min Scan# 1039

Delta R.T. -0.05 min

Lab File: BF093249.D

Acq: 28 Feb 2017 15:32

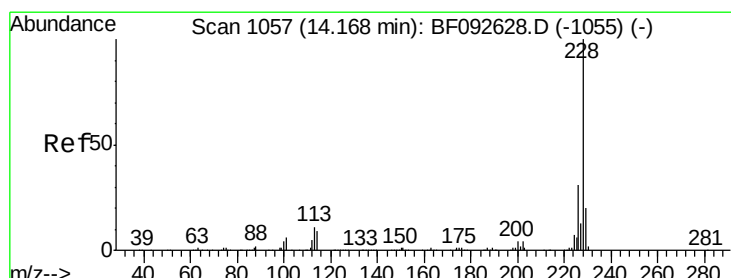
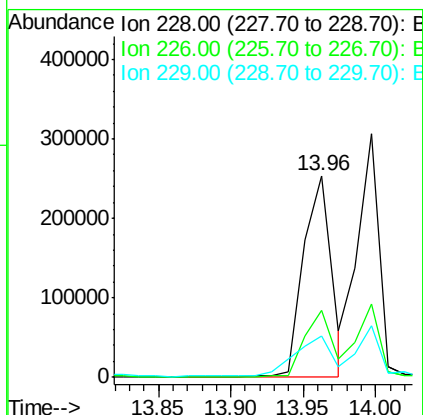
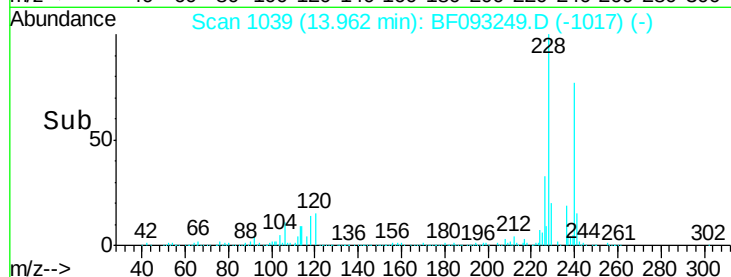
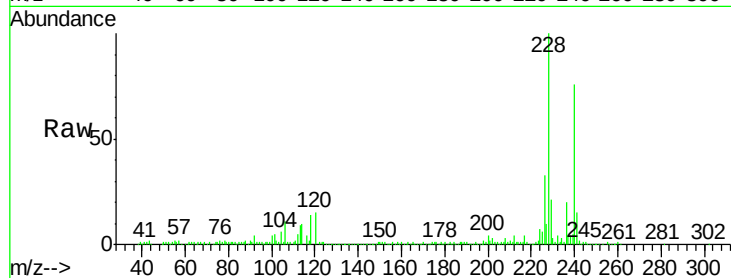
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 337975

Ion	Ratio	Lower	Upper
228	100		
226	33.1	22.4	33.6
229	20.8	16.2	24.4



#82

Chrysene

Concen: 18.55 ng

RT: 14.00 min Scan# 1042

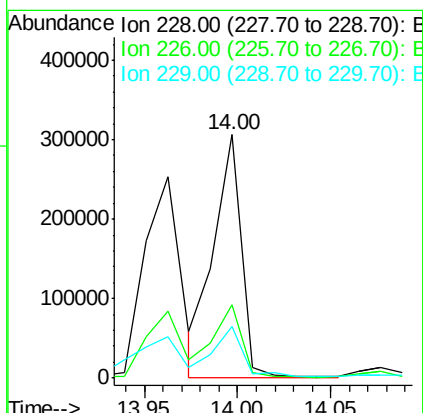
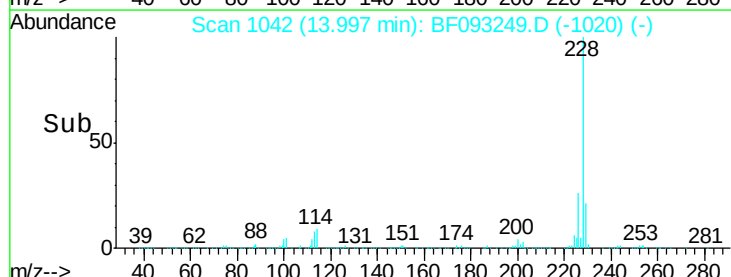
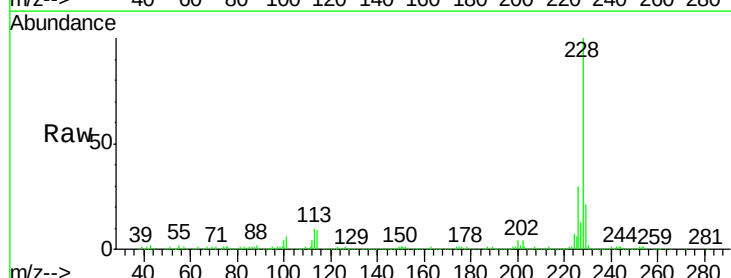
Delta R.T. -0.05 min

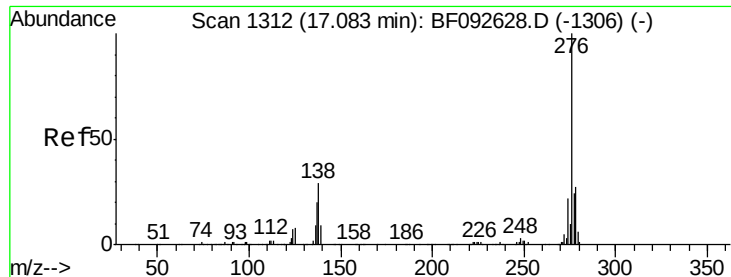
Lab File: BF093249.D

Acq: 28 Feb 2017 15:32

Tgt Ion:228 Resp: 314946

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.4	38.0
229	21.0	16.2	24.2





#85

Indeno(1,2,3-cd)pyrene

Concen: 12.22 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.08 min

Lab File: BF093249.D

Acq: 28 Feb 2017 15:32

Instrument :

BNA_F

ClientSampleId :

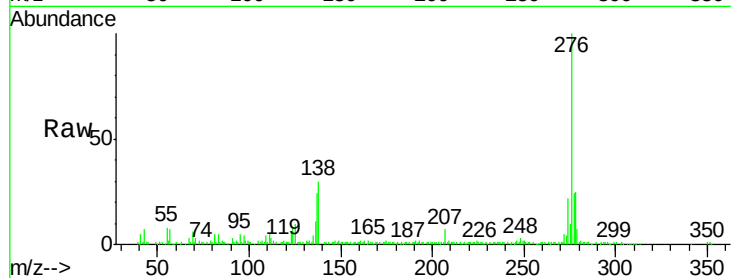
Tot Ion:276 Resp: 160730

Ion Ratio Lower Upper

276 100

138 28.3 21.8 32.6

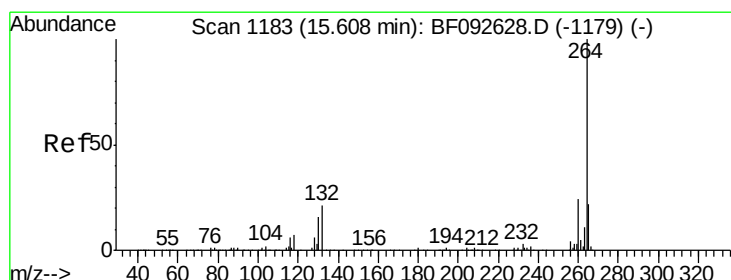
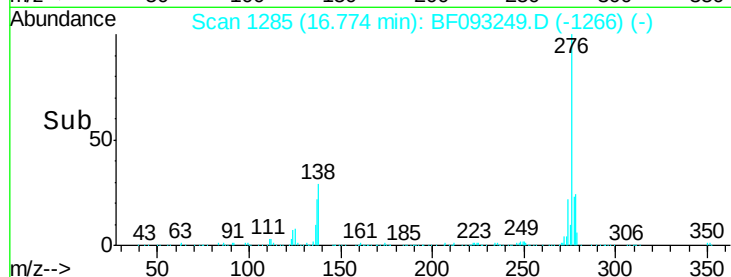
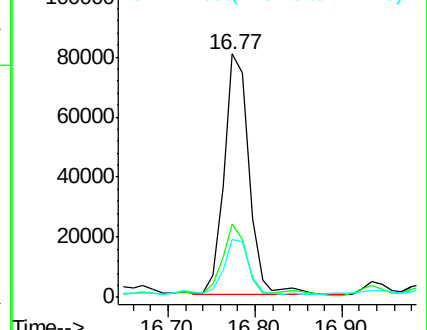
277 23.9 20.2 30.4



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: 15.39 min Scan# 1164

Delta R.T. -0.06 min

Lab File: BF093249.D

Acq: 28 Feb 2017 15:32

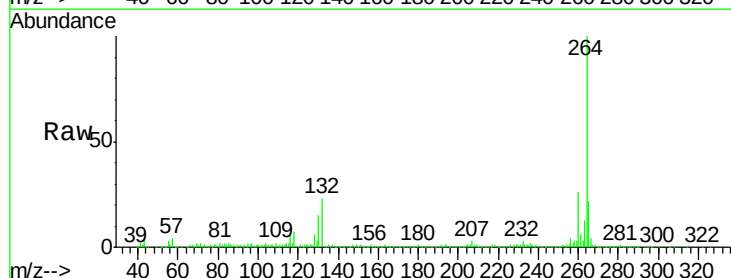
Tgt Ion:264 Resp: 301313

Ion Ratio Lower Upper

264 100

260 25.5 19.2 28.8

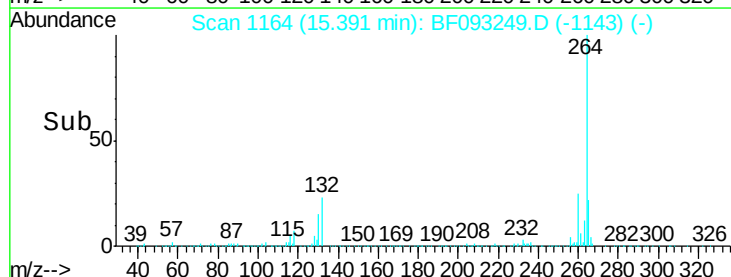
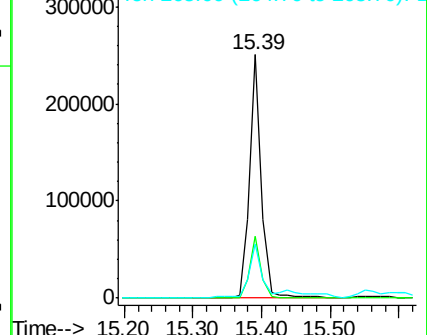
265 22.5 17.4 26.0

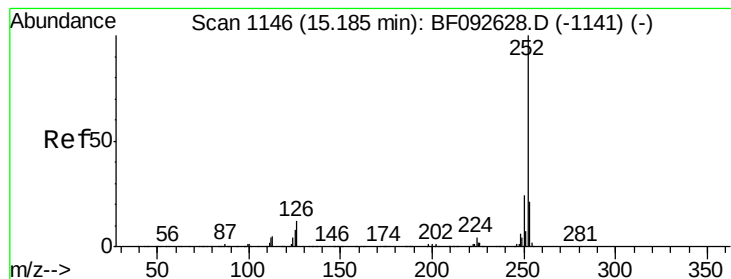


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 24.25 ng

RT: 14.99 min Scan# 1129

Delta R.T. -0.05 min

Lab File: BF093249.D

Acq: 28 Feb 2017 15:32

Instrument :

BNA_F

ClientSampleId :

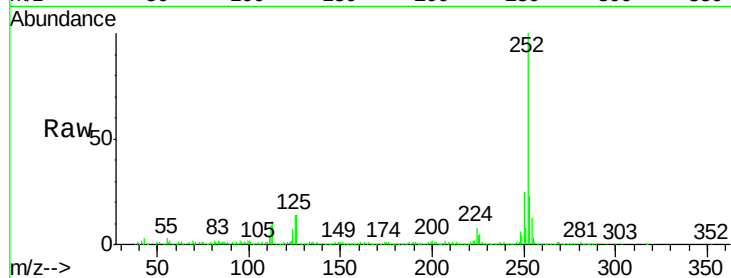
Tot Ion:252 Resp: 480956

Ion Ratio Lower Upper

252 100

253 22.6 18.2 27.4

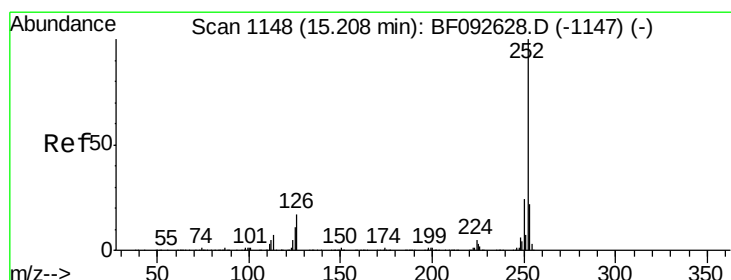
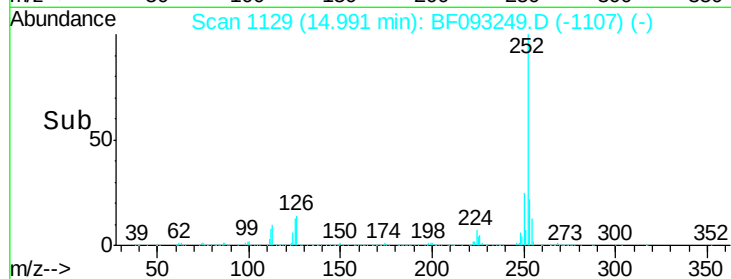
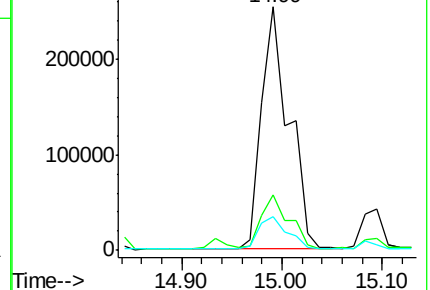
125 13.9 9.8 14.6



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: 28.09 ng

RT: 14.99 min Scan# 1129

Delta R.T. -0.08 min

Lab File: BF093249.D

Acq: 28 Feb 2017 15:32

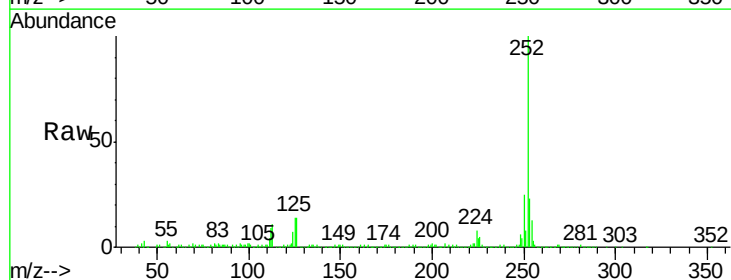
Tgt Ion:252 Resp: 480956

Ion Ratio Lower Upper

252 100

253 22.6 18.5 27.7

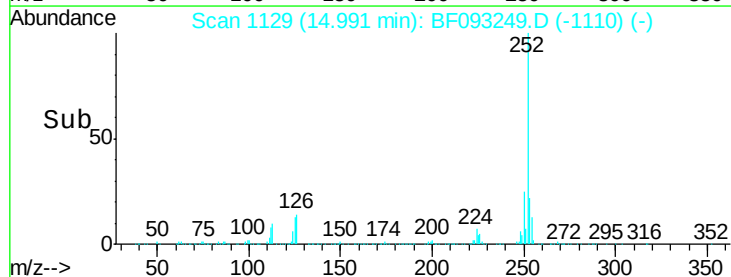
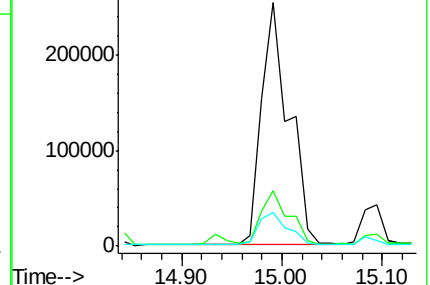
125 13.9 8.9 13.3#

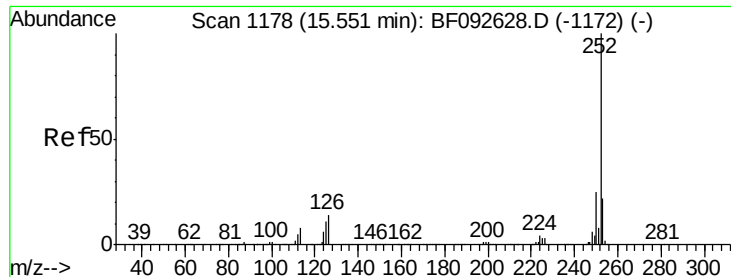


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 15.17 ng

RT: 15.33 min Scan# 1159

Delta R.T. -0.06 min

Lab File: BF093249.D

Acq: 28 Feb 2017 15:32

Instrument :

BNA_F

ClientSampleId :

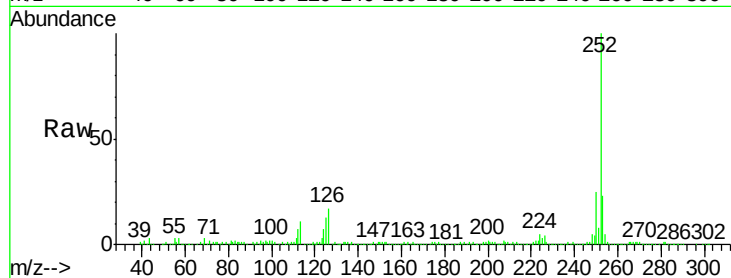
Tot Ion:252 Resp: 260327

Ion Ratio Lower Upper

252 100

253 23.2 18.2 27.2

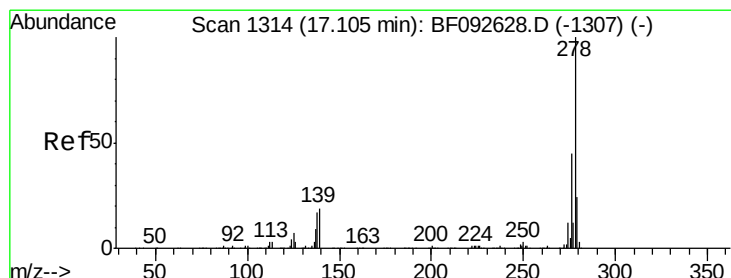
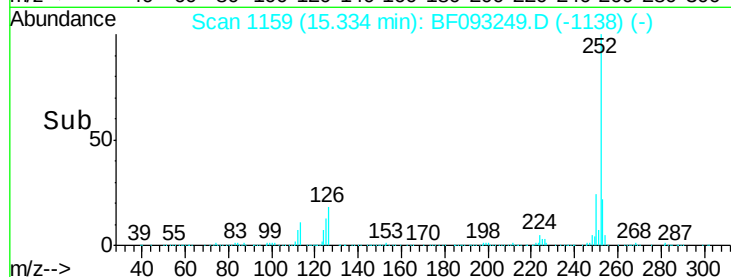
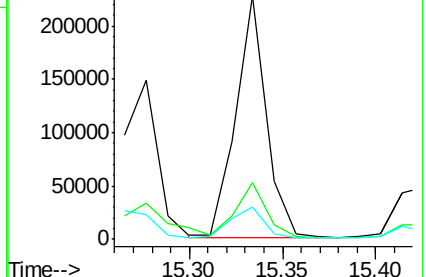
125 13.1 10.0 15.0



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: 3.32 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.09 min

Lab File: BF093249.D

Acq: 28 Feb 2017 15:32

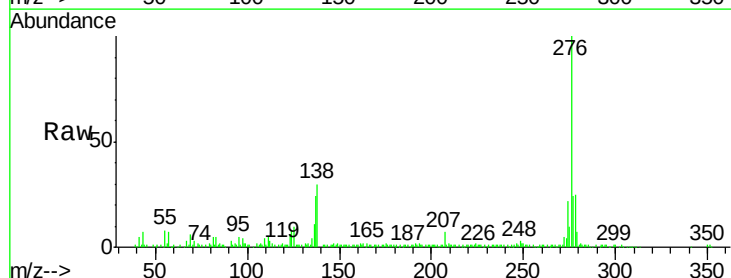
Tgt Ion:278 Resp: 46062

Ion Ratio Lower Upper

278 100

139 0.0 14.8 22.2#

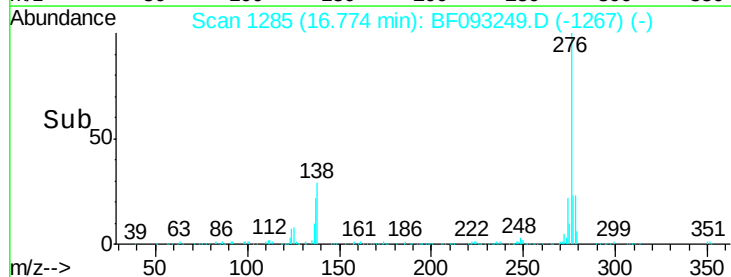
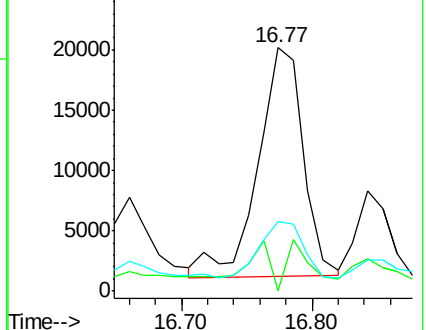
279 28.8 19.8 29.6

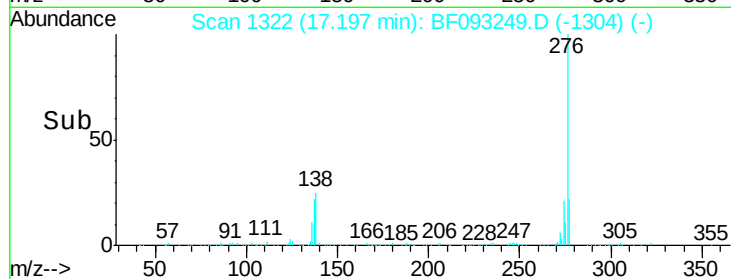
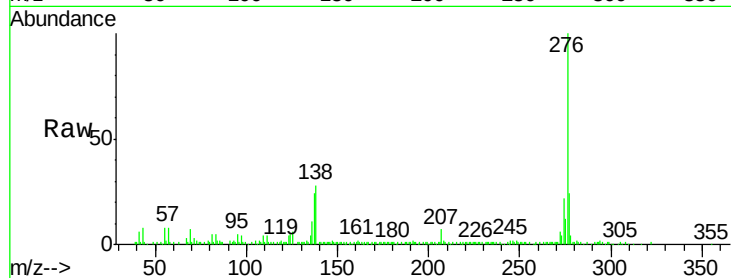
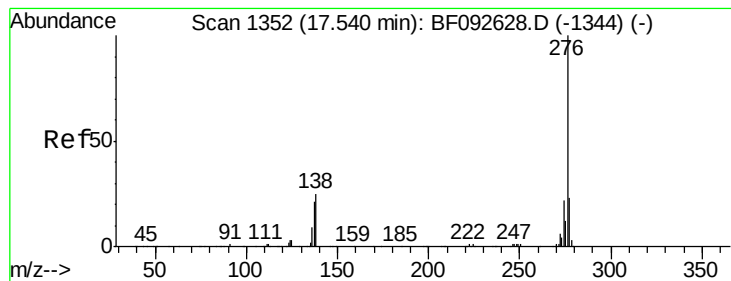


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 10.44 ng

RT: 17.20 min Scan# 1322

Delta R.T. -0.09 min

Lab File: BF093249.D

Acq: 28 Feb 2017 15:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 146185

Ion Ratio Lower Upper

276 100

277 23.6 19.2 28.8

138 28.3 16.0 24.0

