

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021517\
 Data File : BF092971.D
 Acq On : 16 Feb 2017 00:31
 Operator : SJ/MA
 Sample : I1822-02
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 16 02:45:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	149844	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	604404	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	310981	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	498090	20.00	ng	-0.01
75) Chrysene-d12	14.02	240	320677	20.00	ng	-0.03
86) Perylene-d12	15.46	264	306541	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	1020548	116.85	ng	-0.01
7) Phenol-d6	6.51	99	1315456	117.06	ng	-0.02
23) Nitrobenzene-d5	7.45	82	942878	86.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	256272	113.94	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1530776	89.18	ng	0.00
78) Terphenyl-d14	12.98	244	1170029	85.73	ng	-0.01

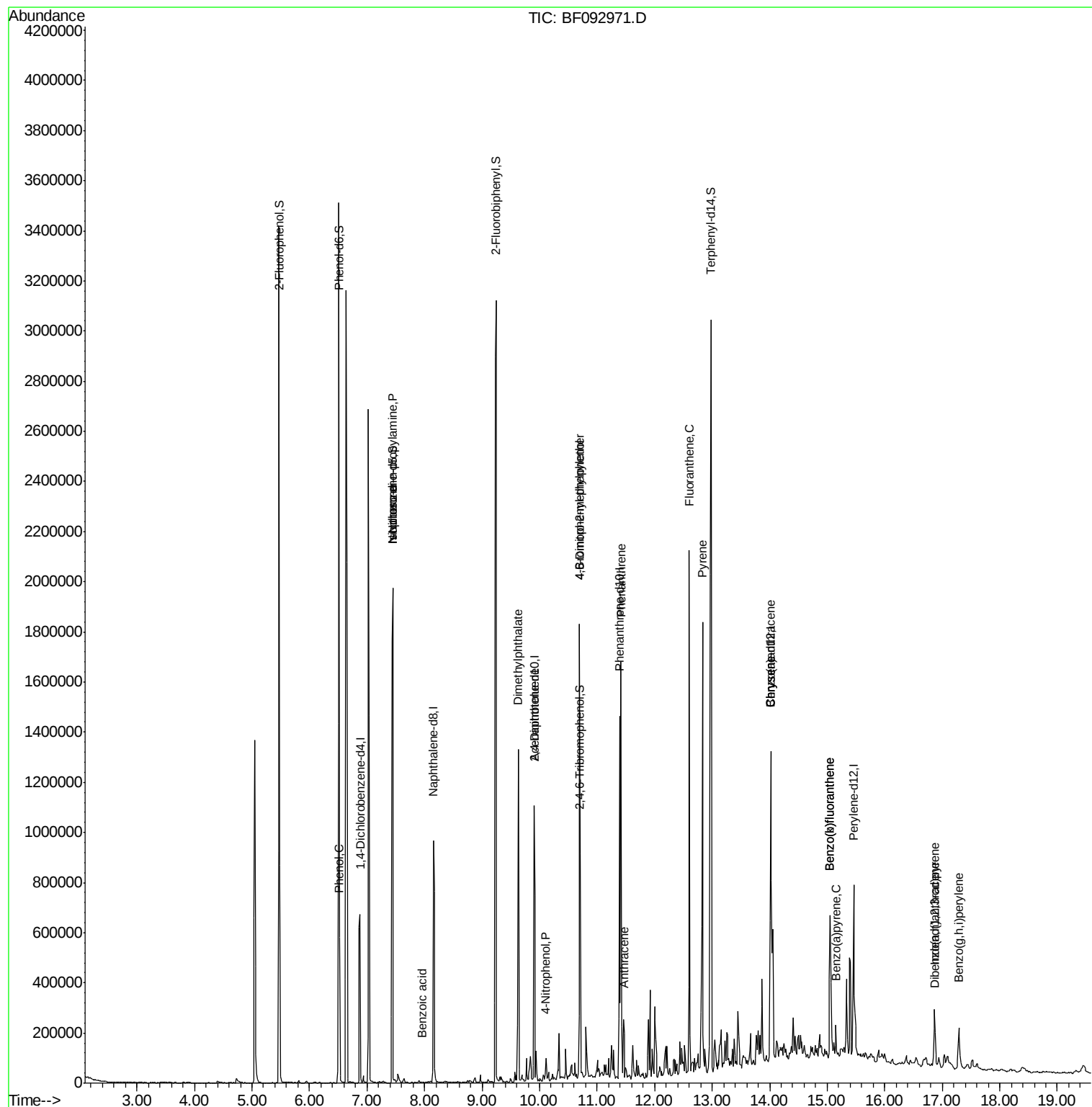
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.52	94	39110	2.97	ng	80
19) n-Nitroso-di-n-propylamine	7.45	70	123216	17.22	ng	# 74
25) Isophorone	7.45	82	879128	43.47	ng	# 65
32) Benzoic acid	7.96	122	252	7.21	ng	# 1
49) Dimethylphthalate	9.63	163	504004	24.06	ng	100
55) 4-Nitrophenol	10.11	139	8304	2.23	ng	# 7
56) 2,4-Dinitrotoluene	9.90	165	39767	6.60	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.69	198	449	2.81	ng	# 1
66) 4-Bromophenyl-phenylether	10.69	248	17243	3.31	ng	# 1
70) Phenanthrene	11.41	178	577059	20.22	ng	98
71) Anthracene	11.47	178	129796	4.53	ng	95
74) Fluoranthene	12.60	202	751560	25.53	ng	97
77) Pvrene	12.83	202	711045	29.63	ng	98
80) Benzo(a)anthracene	14.02	228	312494	15.93	ng	96
82) Chrysene	14.02	228	312494	17.02	ng	99
85) Indeno(1,2,3-cd)pyrene	16.87	276	135208	9.51	ng	99
87) Benzo(b)fluoranthene	15.05	252	406985	20.17	ng	100
88) Benzo(k)fluoranthene	15.05	252	406985	23.36	ng	98
89) Benzo(a)pvrene	15.15	252	49766	2.85	ng	92
90) Dibenzo(a,h)anthracene	16.88	278	44020	3.12	ng	97
91) Benzo(g,h,i)perylene	17.29	276	124420	8.73	ng	# 88

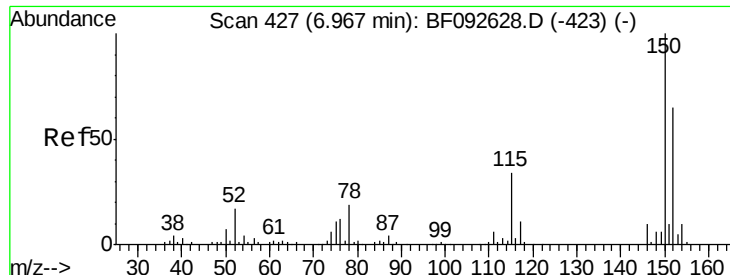
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092971.D

Acq: 16 Feb 2017 00:31

Instrument :

BNA_F

ClientSampleId :

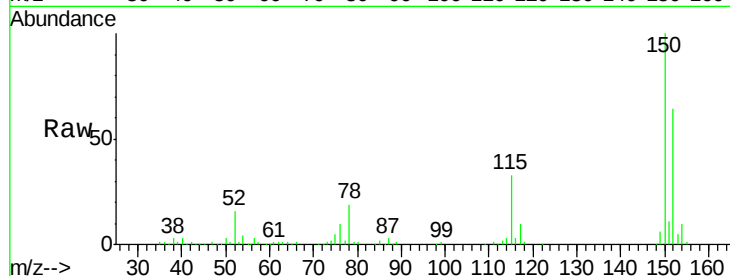
Tot Ion:152 Resp: 149844

Ion Ratio Lower Upper

152 100

150 155.9 124.9 187.3

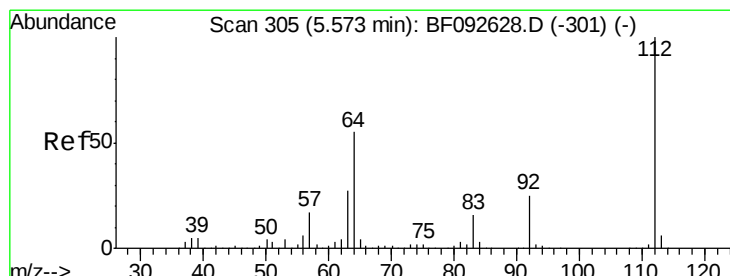
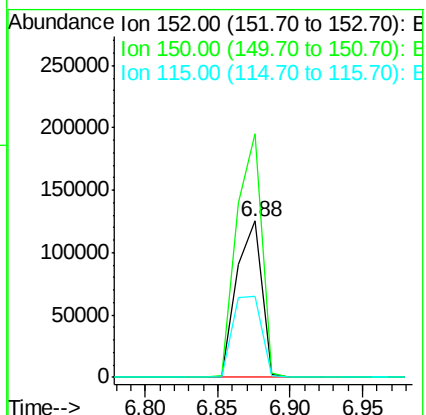
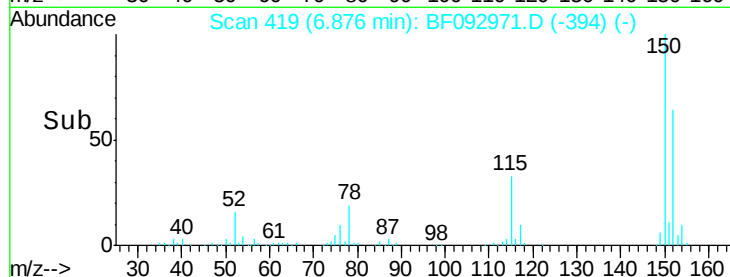
115 52.1 46.0 69.0



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: 116.85 ng

RT: 5.47 min Scan# 296

Delta R.T. -0.01 min

Lab File: BF092971.D

Acq: 16 Feb 2017 00:31

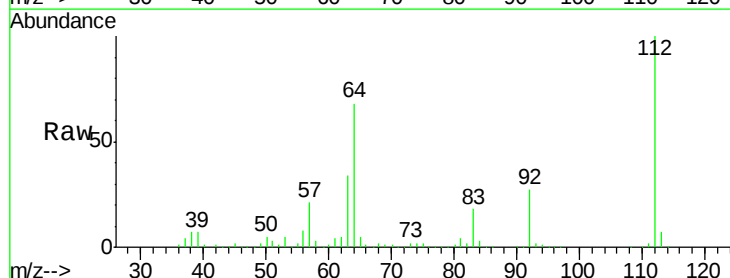
Tgt Ion:112 Resp: 1020548

Ion Ratio Lower Upper

112 100

64 67.6 46.1 69.1

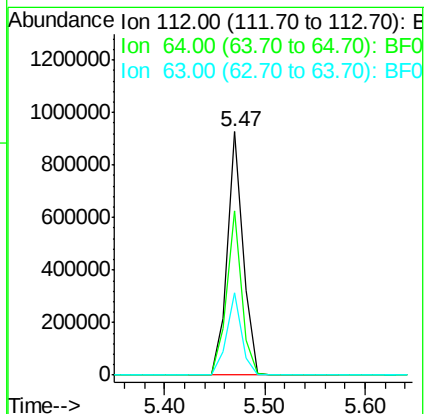
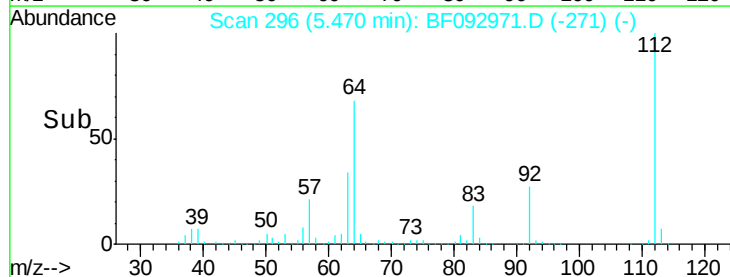
63 33.6 23.8 35.6

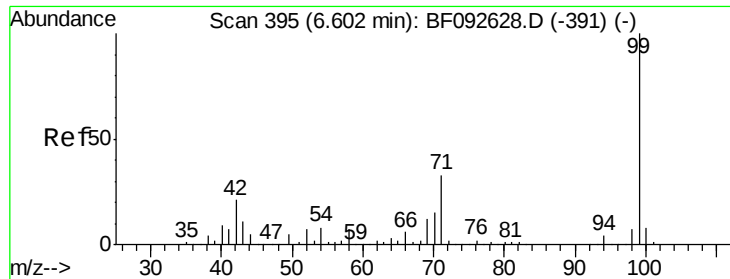


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.06 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.02 min

Lab File: BF092971.D

Acq: 16 Feb 2017 00:31

Instrument :

BNA_F

ClientSampleId :

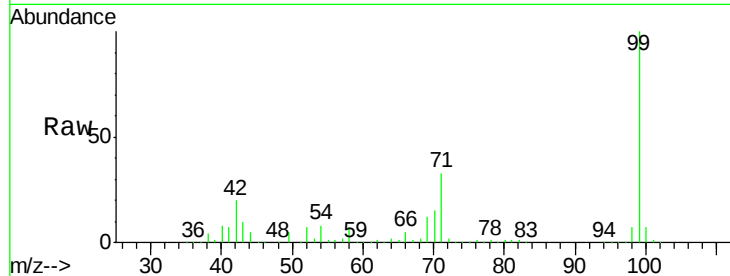
Tot Ion: 99 Resp: 1315456

Ion Ratio Lower Upper

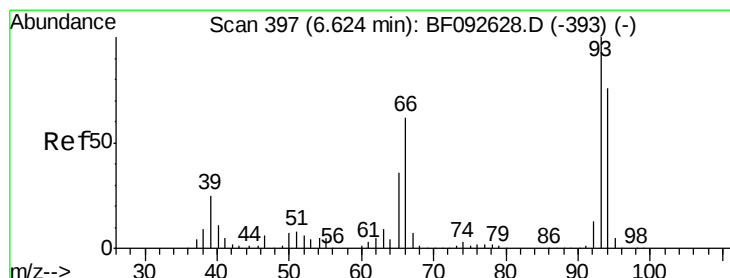
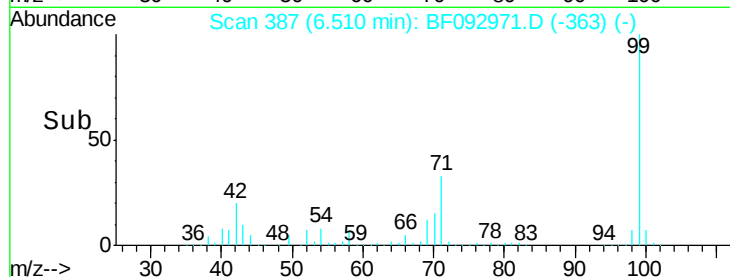
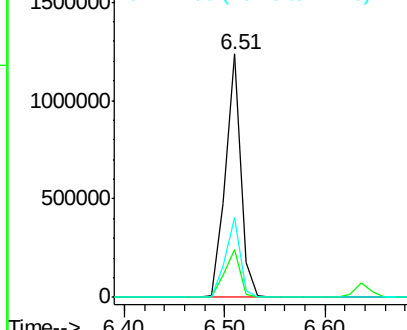
99 100

42 19.5 15.6 23.4

71 32.7 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.97 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.02 min

Lab File: BF092971.D

Acq: 16 Feb 2017 00:31

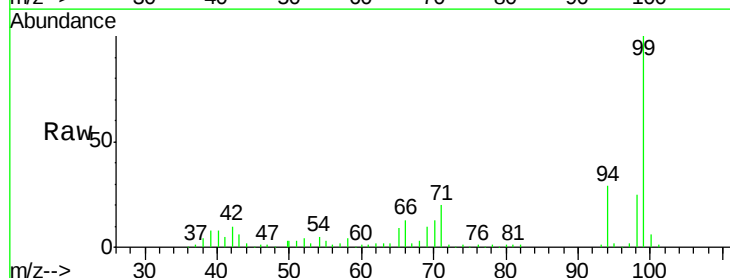
Tgt Ion: 94 Resp: 39110

Ion Ratio Lower Upper

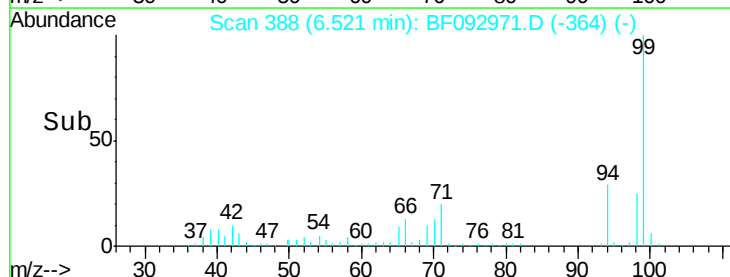
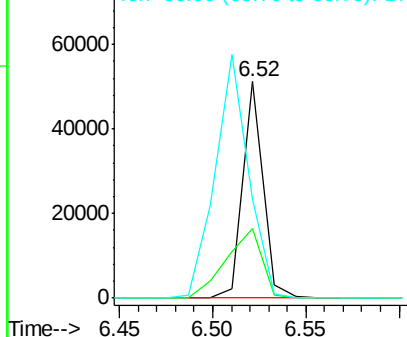
94 100

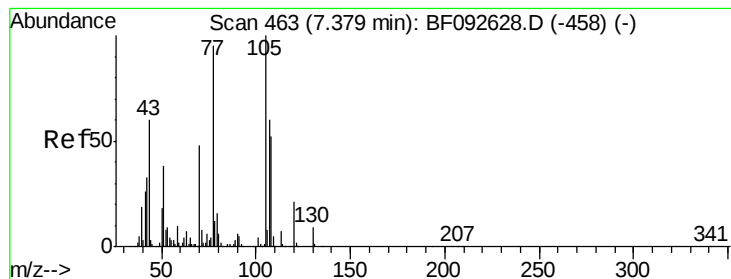
65 32.1 21.4 61.4

66 45.7 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: 17.22 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.14 min

Lab File: BF092971.D

Acq: 16 Feb 2017 00:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 123216

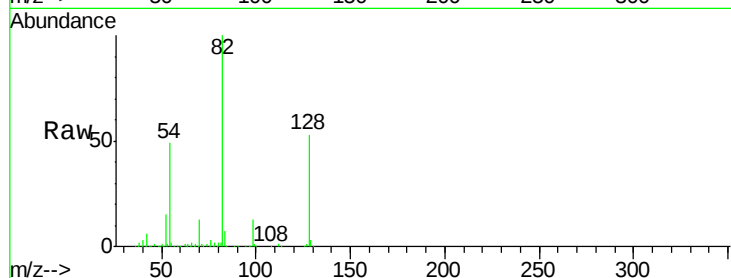
Ion Ratio Lower Upper

70 100

42 44.1 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

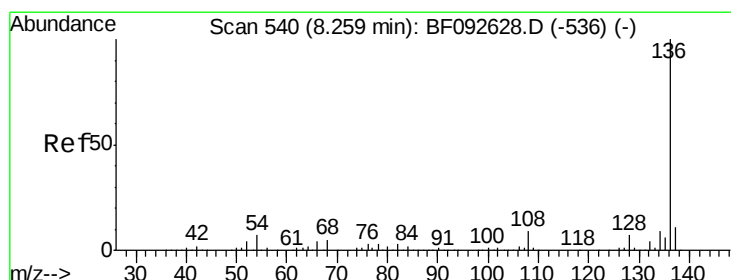
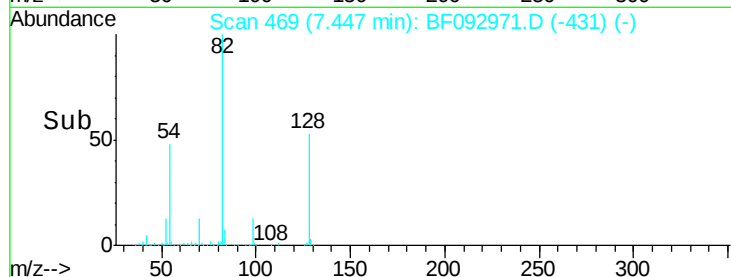
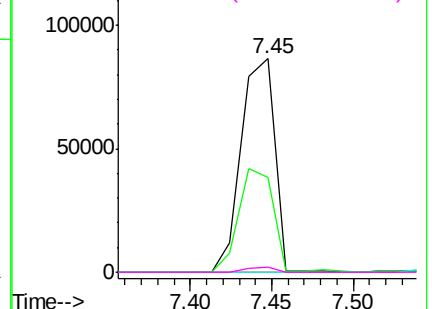


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF092971.D

Acq: 16 Feb 2017 00:31

Tgt Ion: 136 Resp: 604404

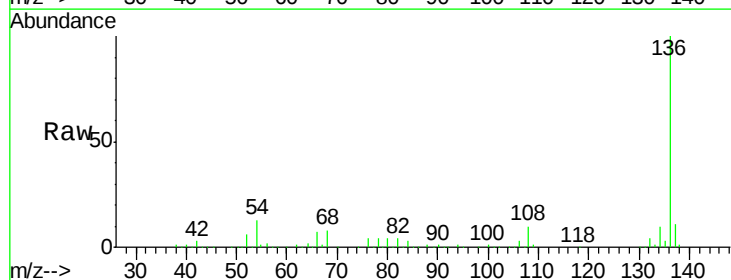
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 12.8 4.5 6.7#

68 8.5 3.6 5.4#

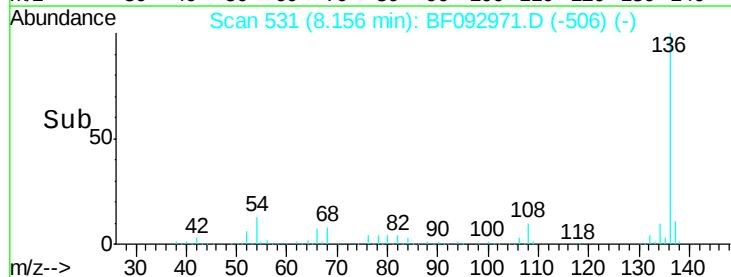
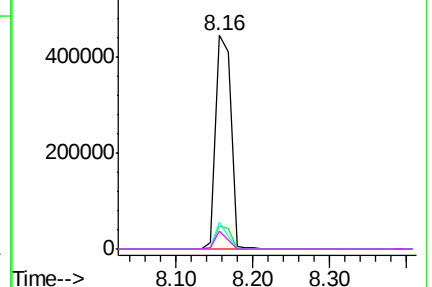


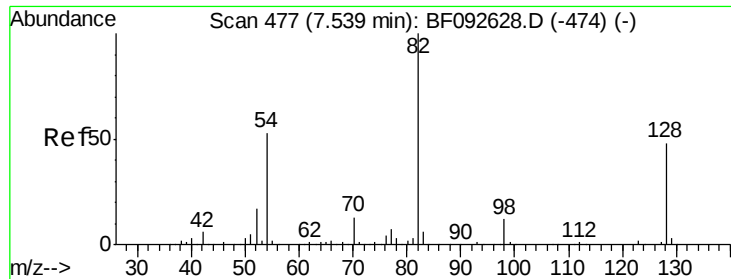
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

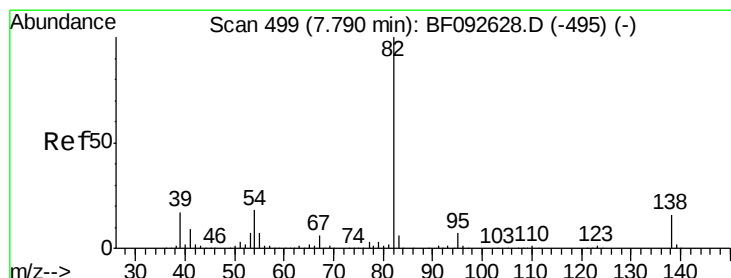
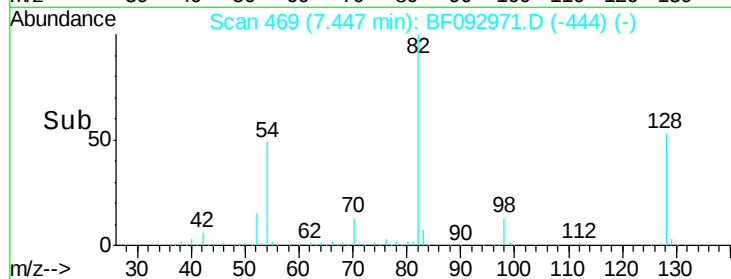
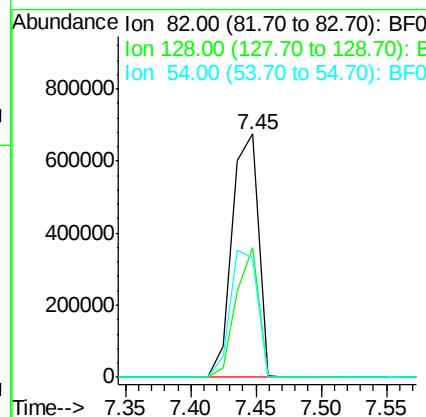
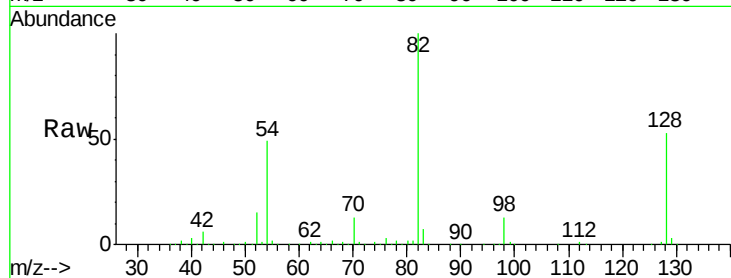




#23
Nitrobenzene-d5
Concen: 86.87 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092971.D
Acq: 16 Feb 2017 00:31

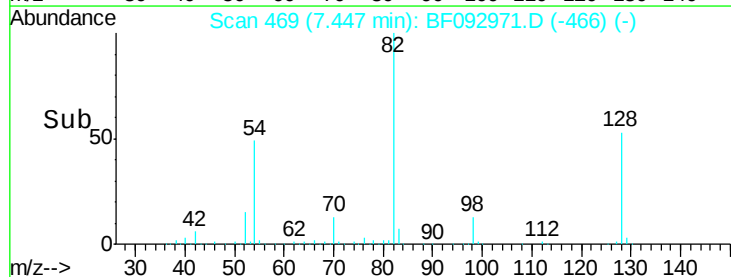
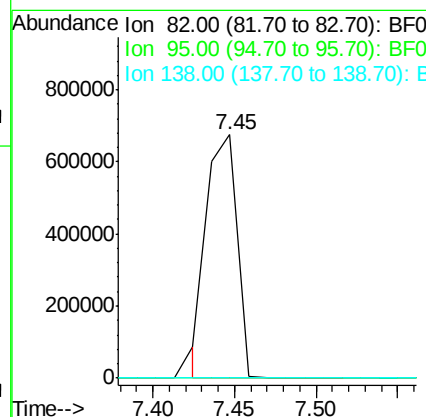
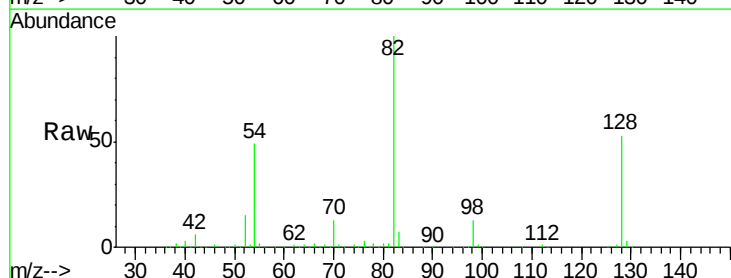
Instrument :
BNA_F
ClientSampleId :

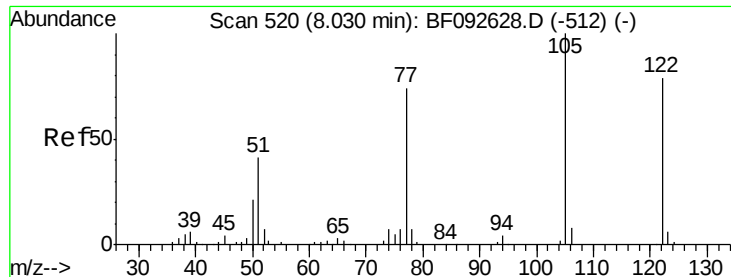
Tot Ion: 82 Resp: 942878
Ion Ratio Lower Upper
82 100
128 53.1 34.6 52.0#
54 49.0 39.5 59.3



#25
Isophorone
Concen: 43.47 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.26 min
Lab File: BF092971.D
Acq: 16 Feb 2017 00:31

Tgt Ion: 82 Resp: 879128
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#





#32

Benzoic acid

Concen: 7.21 ng

RT: 7.96 min Scan# 514

Delta R.T. -0.01 min

Lab File: BF092971.D

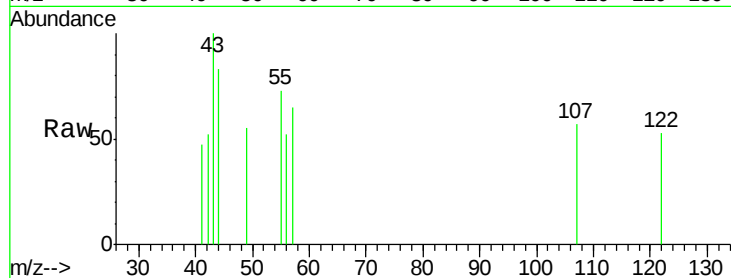
Acq: 16 Feb 2017 00:31

Instrument :

BNA_F

ClientSampled :

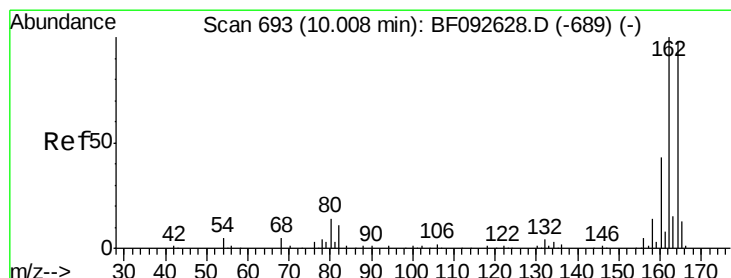
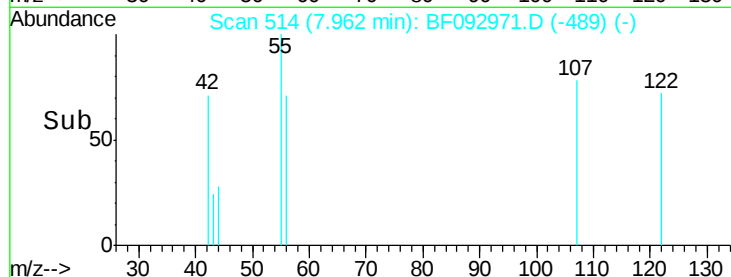
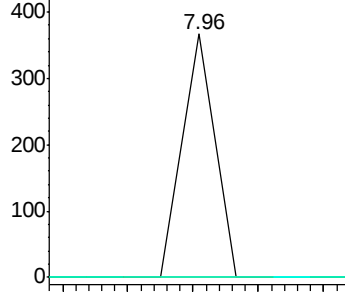
Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	107.2	147.2#
77	0.0	74.5	114.5#



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

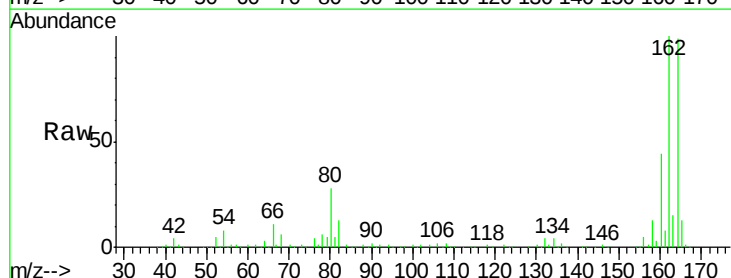
RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF092971.D

Acq: 16 Feb 2017 00:31

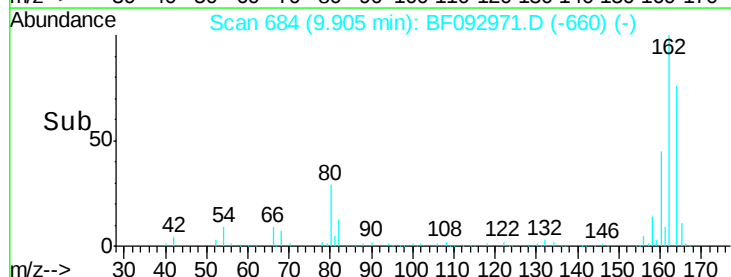
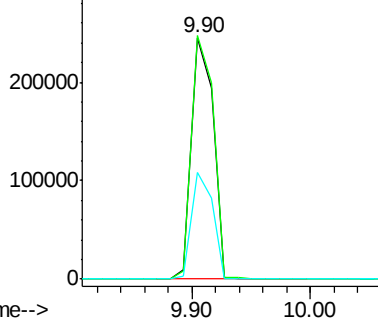
Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.8	80.2	120.2
160	44.0	36.9	55.3

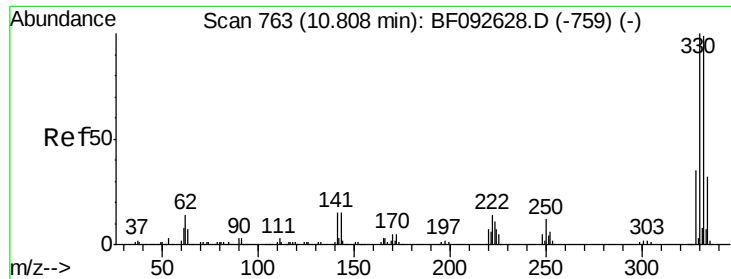


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

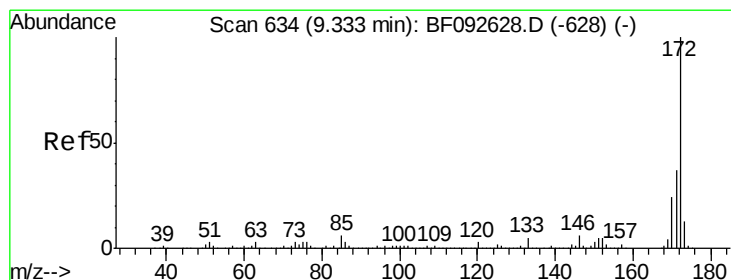
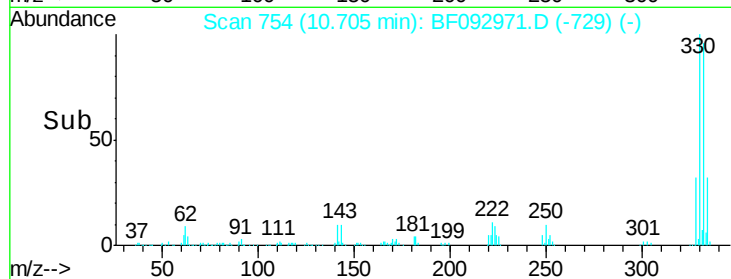
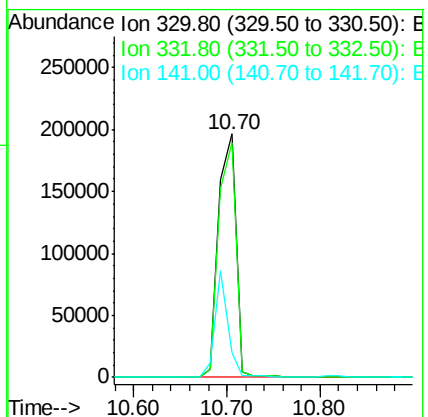
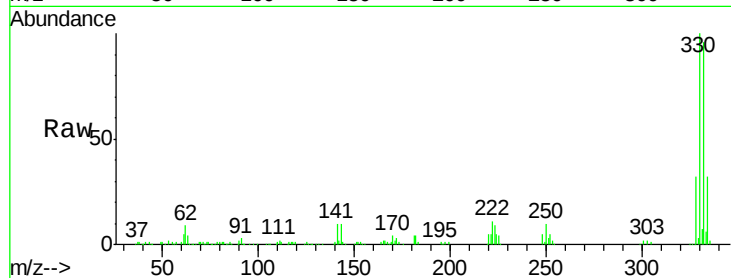




#41
 2,4,6-Tribromophenol
 Concen: 113.94 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092971.D
 Acq: 16 Feb 2017 00:31

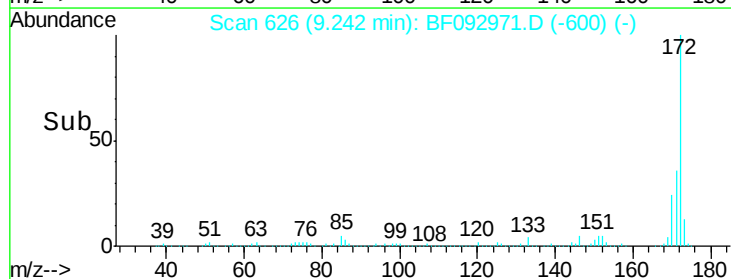
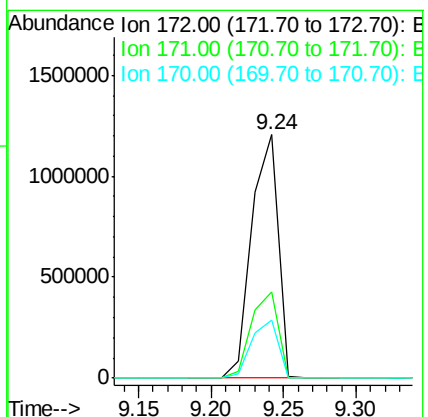
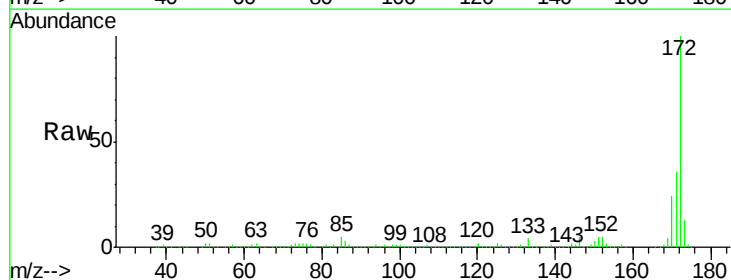
Instrument :
 BNA_F
 ClientSampled :

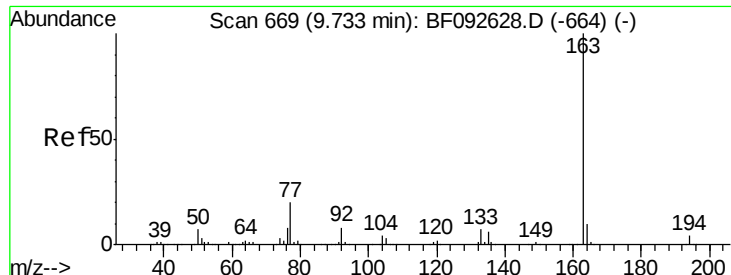
Tot Ion:330 Resp: 256272
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.4 116.2
 141 33.2 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 89.18 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.00 min
 Lab File: BF092971.D
 Acq: 16 Feb 2017 00:31

Tgt Ion:172 Resp: 1530776
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 23.9 20.2 30.4

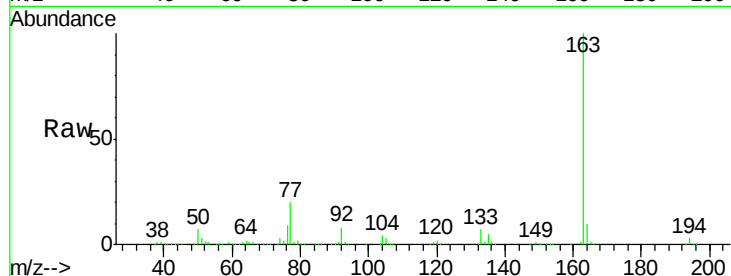




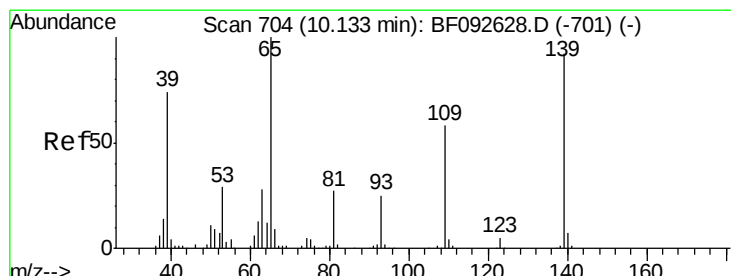
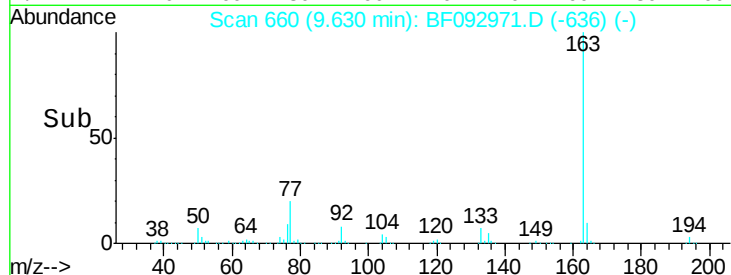
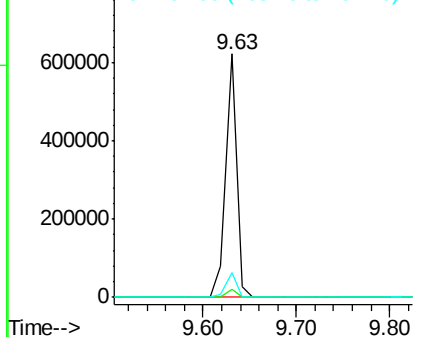
#49
Dimethylphthalate
Concen: 24.06 ng
RT: 9.63 min Scan# 660
Delta R.T. -0.02 min
Lab File: BF092971.D
Acq: 16 Feb 2017 00:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 504004
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.1 8.0 12.0

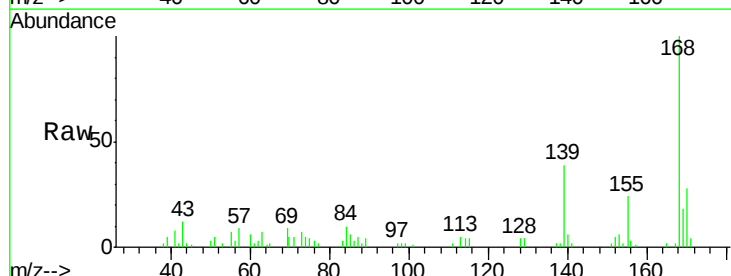


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

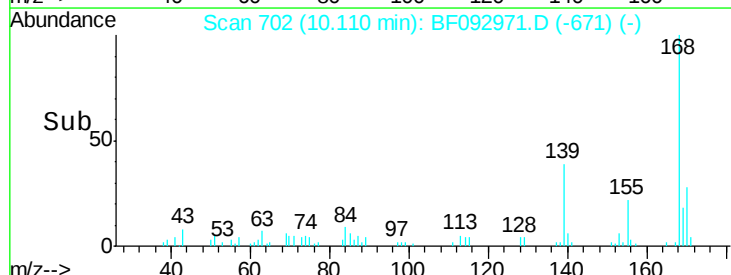
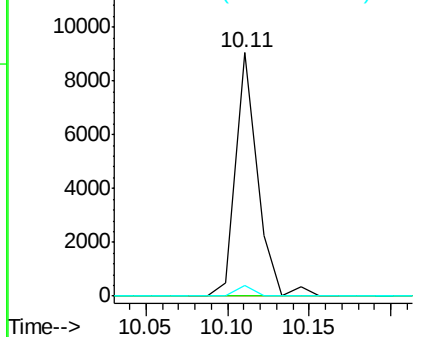


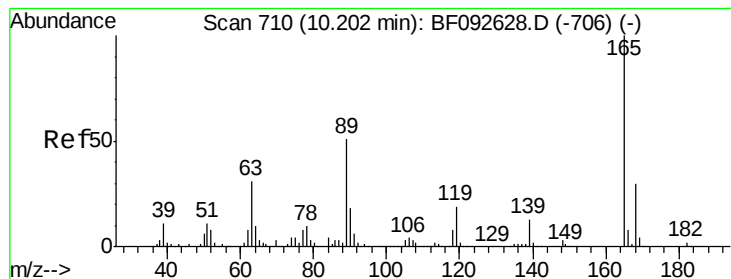
#55
4-Nitrophenol
Concen: 2.23 ng
RT: 10.11 min Scan# 702
Delta R.T. 0.06 min
Lab File: BF092971.D
Acq: 16 Feb 2017 00:31

Tgt Ion:139 Resp: 8304
Ion Ratio Lower Upper
139 100
109 0.0 52.2 92.2#
65 4.4 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: 6.60 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.22 min

Lab File: BF092971.D

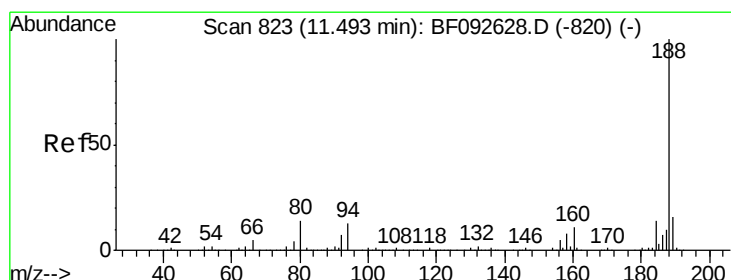
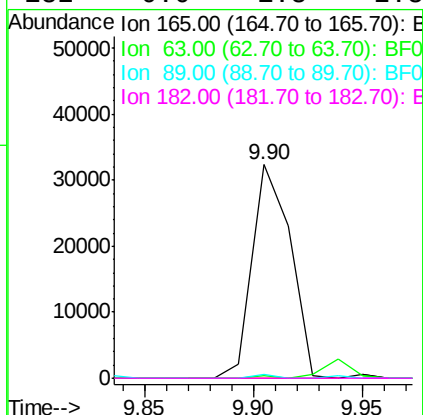
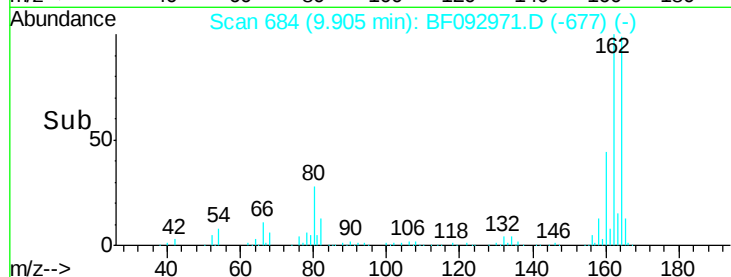
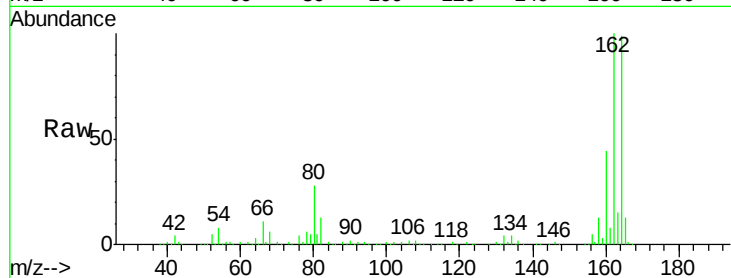
Acq: 16 Feb 2017 00:31

Instrument :

BNA_F

ClientSampled :

Tot Ion:165	Resp:	39767
Ion Ratio	Lower	Upper
165	100	
63	1.0	40.2 60.4#
89	1.6	62.5 93.7#
182	0.0	1.8 2.8#



#63

Phenanthrene-d10

Concen: 20.00 ng

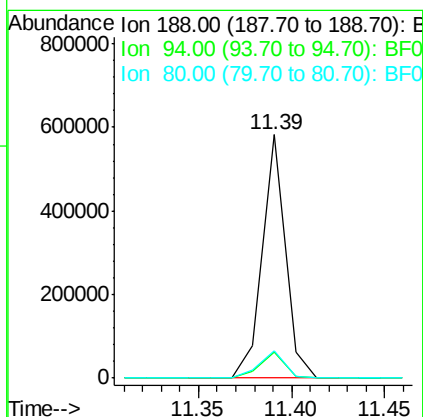
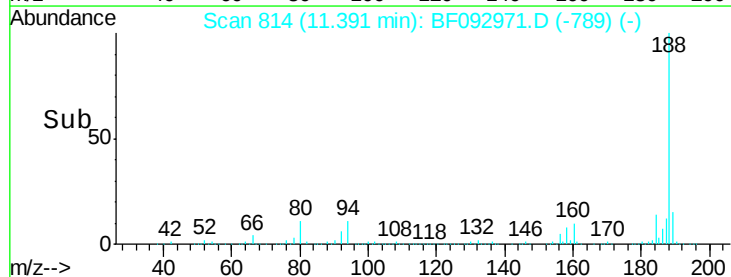
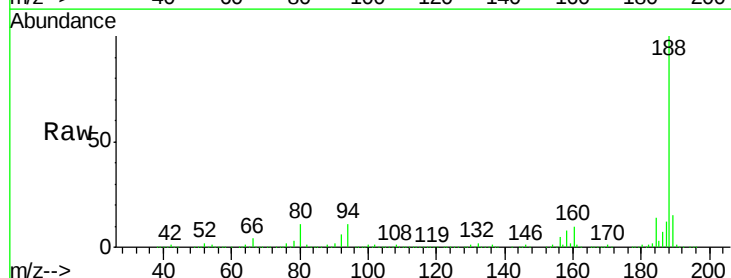
RT: 11.39 min Scan# 814

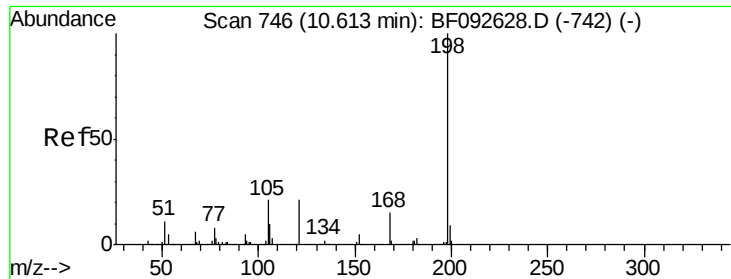
Delta R.T. -0.01 min

Lab File: BF092971.D

Acq: 16 Feb 2017 00:31

Tgt Ion:188	Resp:	498090
Ion Ratio	Lower	Upper
188	100	
94	10.7	10.0 15.0
80	11.2	11.2 16.8





#64

4,6-Dinitro-2-methylphenol

Concen: 2.81 ng

RT: 10.69 min Scan# 753

Delta R.T. 0.16 min

Lab File: BF092971.D

Acq: 16 Feb 2017 00:31

Instrument :

BNA_F

ClientSampleId :

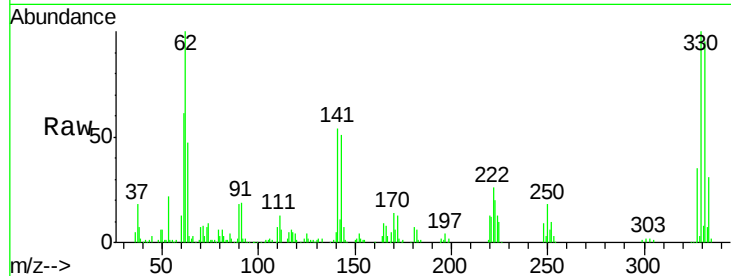
Tot Ion:198 Resp: 449

Ion Ratio Lower Upper

198 100

51 358.9 6.7 46.7#

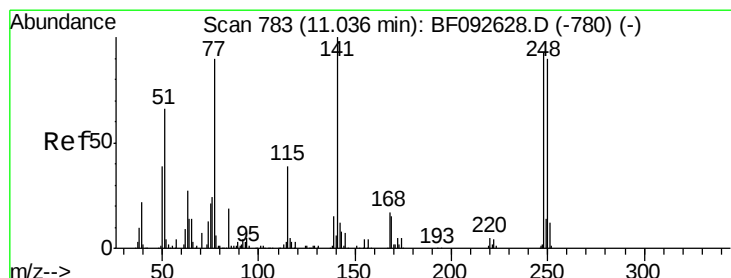
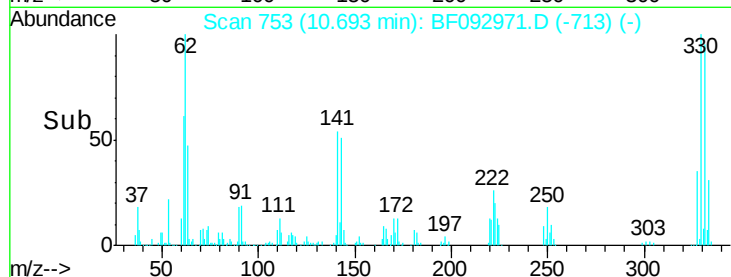
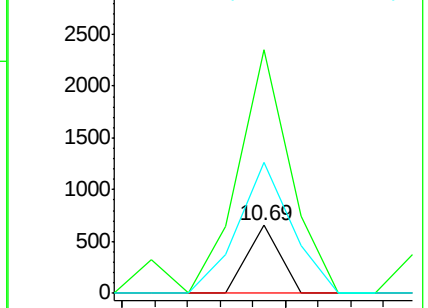
105 193.0 16.6 56.6#



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



#66

4-Bromophenyl-phenylether

Concen: 3.31 ng

RT: 10.69 min Scan# 753

Delta R.T. -0.26 min

Lab File: BF092971.D

Acq: 16 Feb 2017 00:31

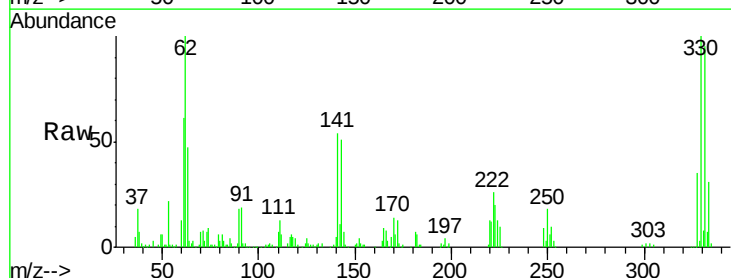
Tgt Ion:248 Resp: 17243

Ion Ratio Lower Upper

248 100

250 198.0 76.9 115.3#

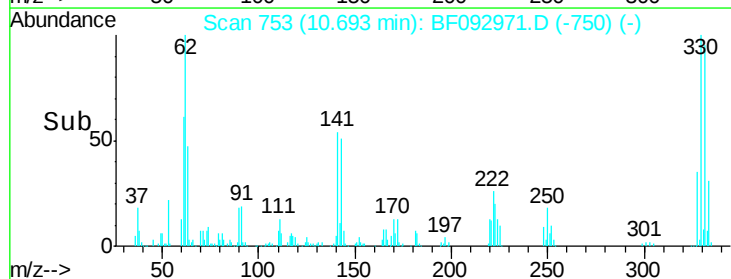
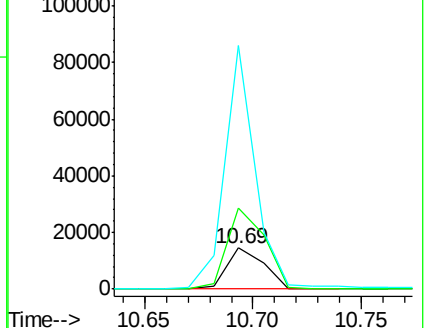
141 590.2 68.2 102.4#

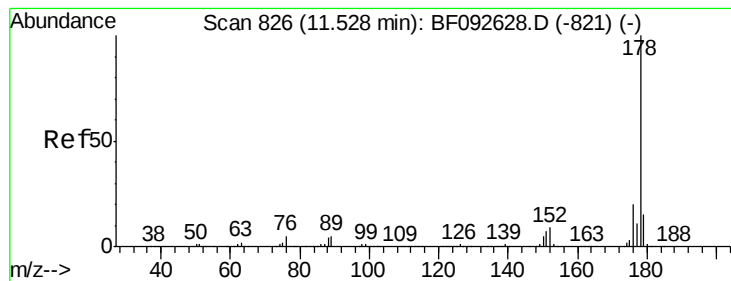


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 20.22 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.02 min

Lab File: BF092971.D

Acq: 16 Feb 2017 00:31

Instrument :

BNA_F

ClientSampleId :

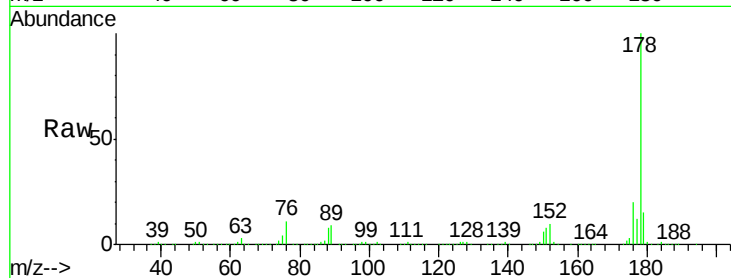
Tot Ion:178 Resp: 577059

Ion Ratio Lower Upper

178 100

176 19.6 16.6 25.0

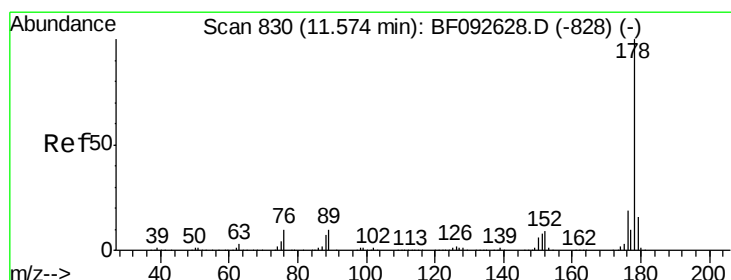
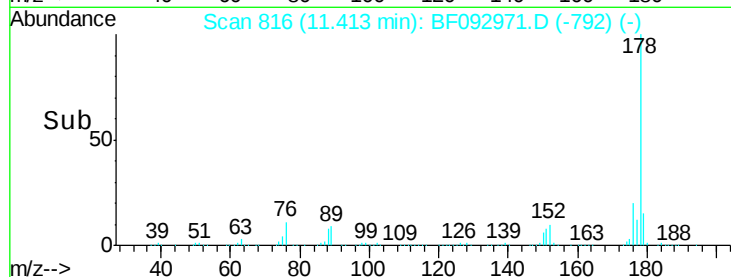
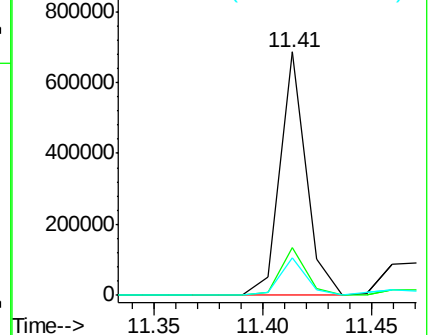
179 15.5 12.8 19.2



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: 4.53 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF092971.D

Acq: 16 Feb 2017 00:31

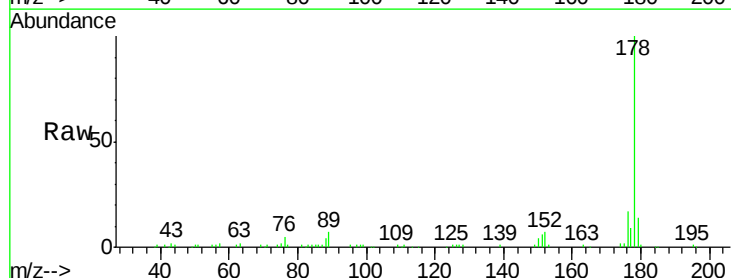
Tgt Ion:178 Resp: 129796

Ion Ratio Lower Upper

178 100

176 17.2 15.9 23.9

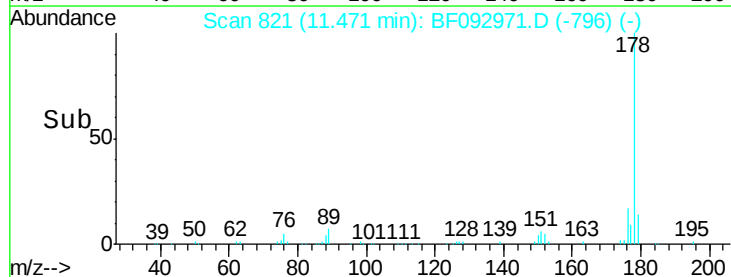
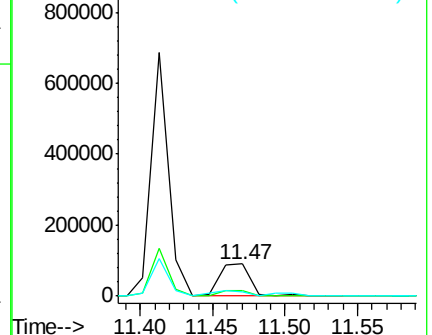
179 14.5 13.2 19.8

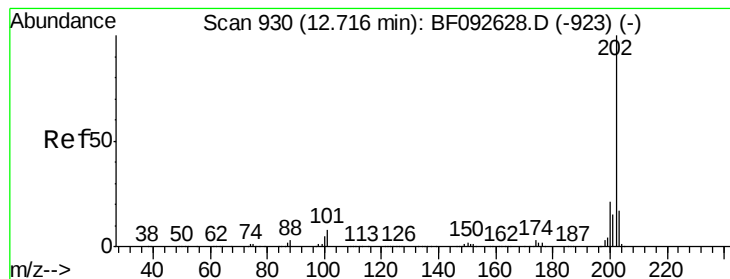


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 25.53 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF092971.D

Acq: 16 Feb 2017 00:31

Instrument :

BNA_F

ClientSampleId :

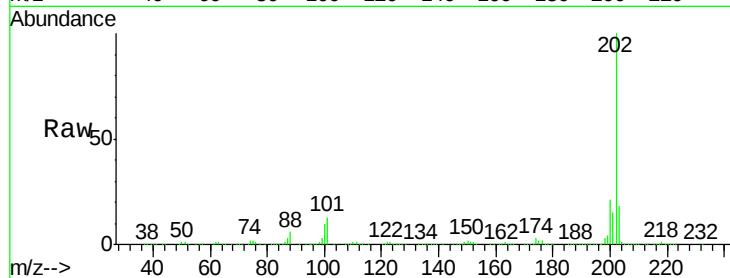
Tot Ion:202 Resp: 751560

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.6

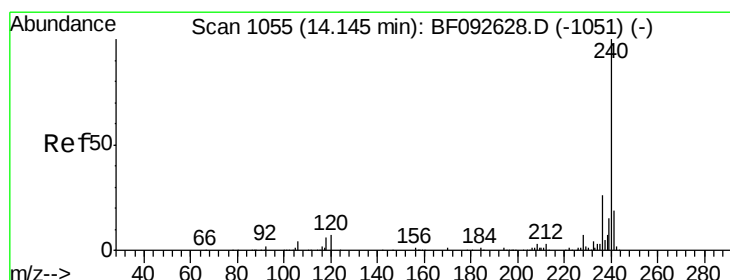
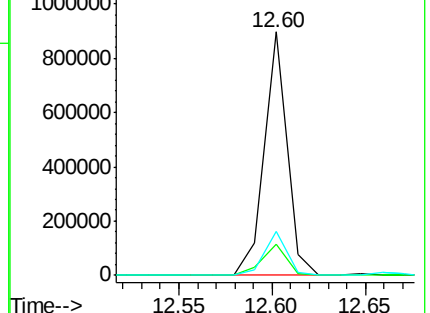
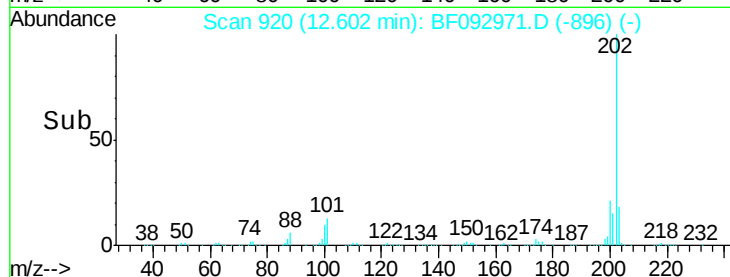
203 17.8 0.0 38.7



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: 14.02 min Scan# 1044

Delta R.T. -0.03 min

Lab File: BF092971.D

Acq: 16 Feb 2017 00:31

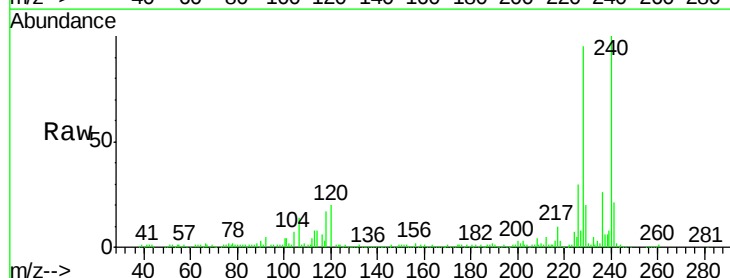
Tgt Ion:240 Resp: 320677

Ion Ratio Lower Upper

240 100

120 20.1 12.9 19.3#

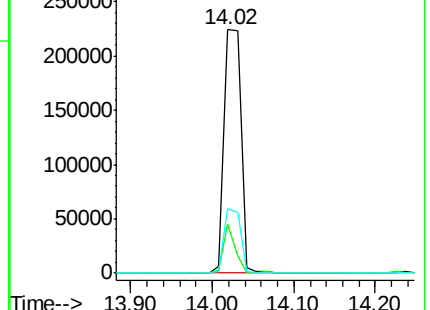
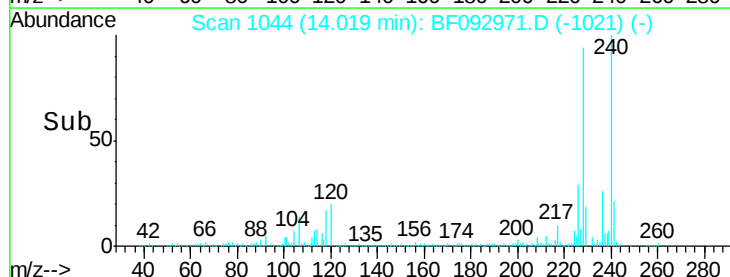
236 26.4 20.9 31.3

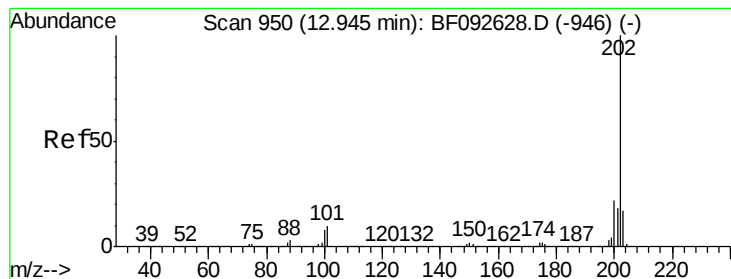


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 29.63 ng

RT: 12.83 min Scan# 940

Delta R.T. -0.02 min

Lab File: BF092971.D

Acq: 16 Feb 2017 00:31

Instrument :

BNA_F

ClientSampled :

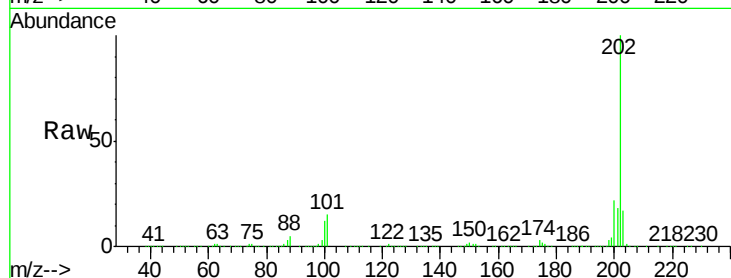
Tot Ion:202 Resp: 711045

Ion Ratio Lower Upper

202 100

200 21.5 17.7 26.5

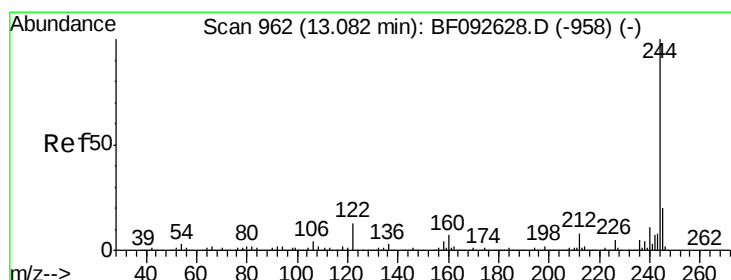
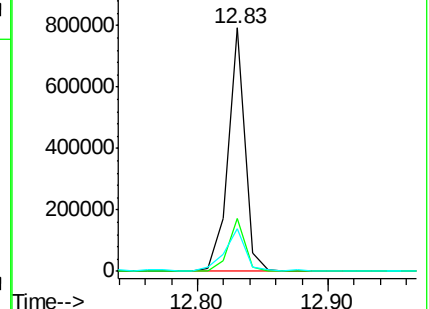
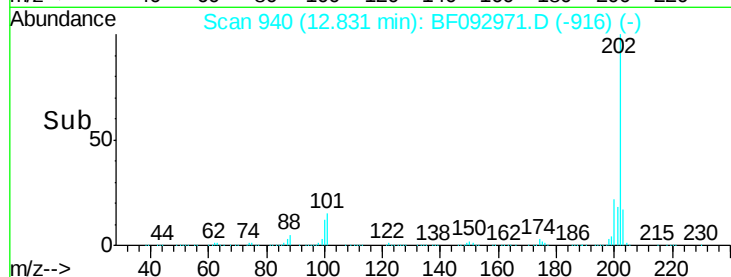
203 17.5 14.7 22.1



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: 85.73 ng

RT: 12.98 min Scan# 953

Delta R.T. -0.01 min

Lab File: BF092971.D

Acq: 16 Feb 2017 00:31

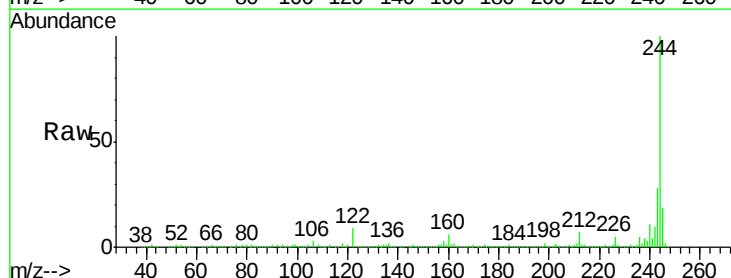
Tgt Ion:244 Resp: 1170029

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

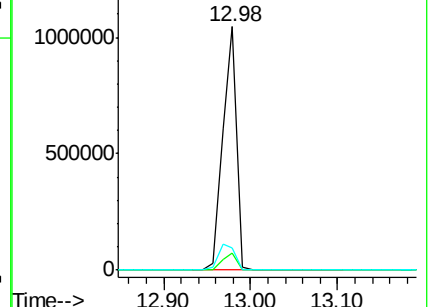
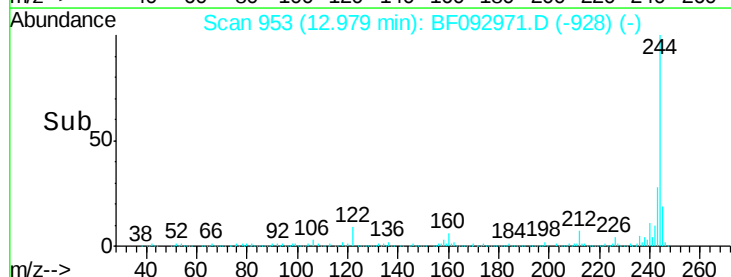
122 9.1 11.4 17.2#

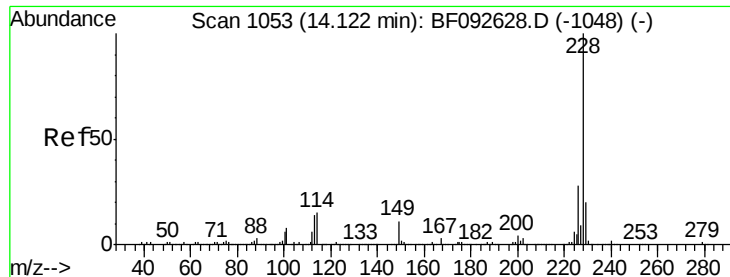


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

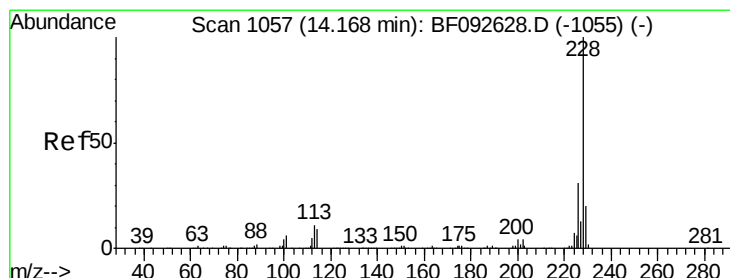
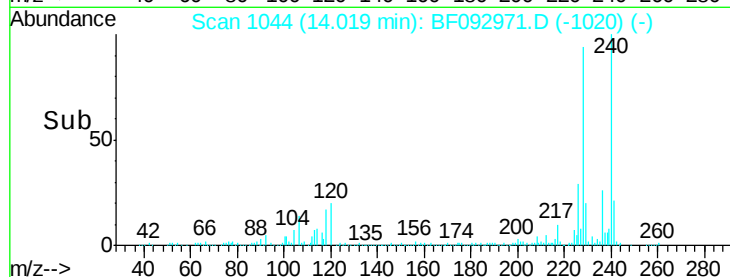
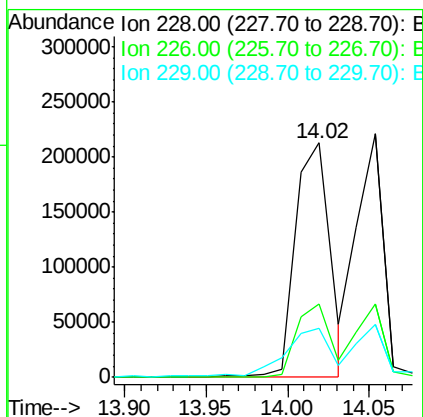
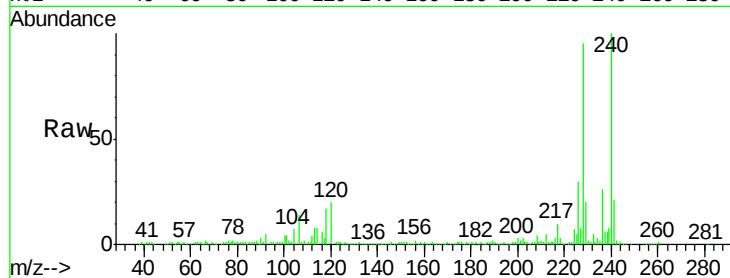




#80
Benzo(a)anthracene
Concen: 15.93 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF092971.D
Acq: 16 Feb 2017 00:31

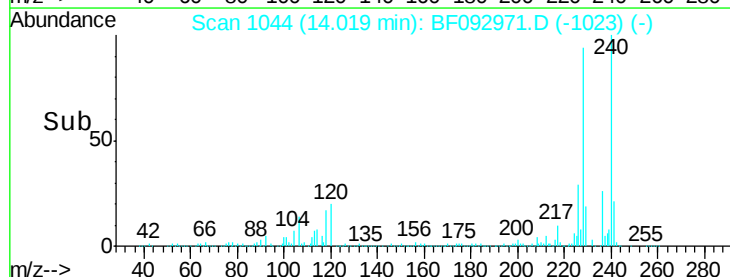
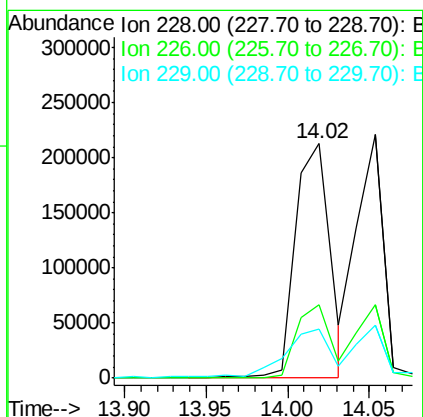
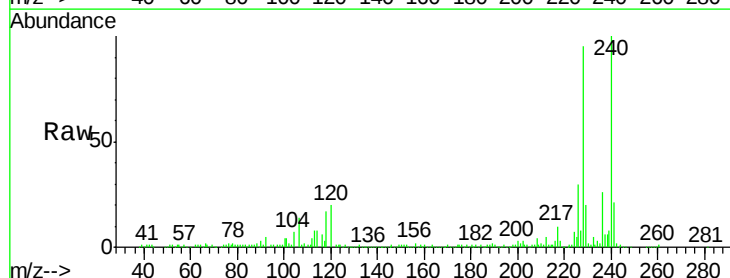
Instrument :
BNA_F
ClientSampled :

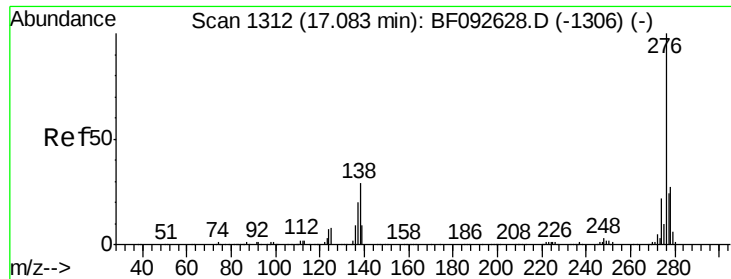
Tot Ion:228 Resp: 312494
Ion Ratio Lower Upper
228 100
226 31.2 22.4 33.6
229 21.0 16.2 24.4



#82
Chrysene
Concen: 17.02 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.06 min
Lab File: BF092971.D
Acq: 16 Feb 2017 00:31

Tgt Ion:228 Resp: 312494
Ion Ratio Lower Upper
228 100
226 31.2 25.4 38.0
229 21.0 16.2 24.2

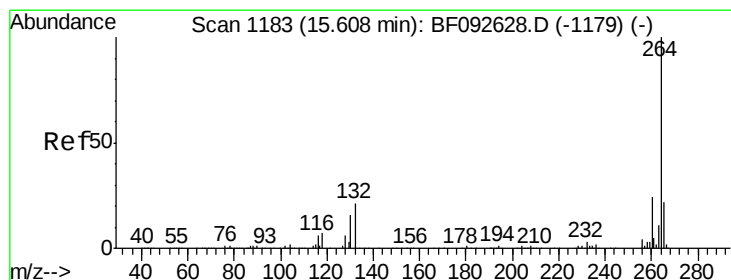
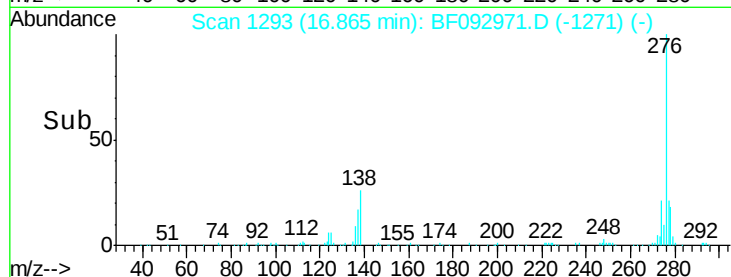
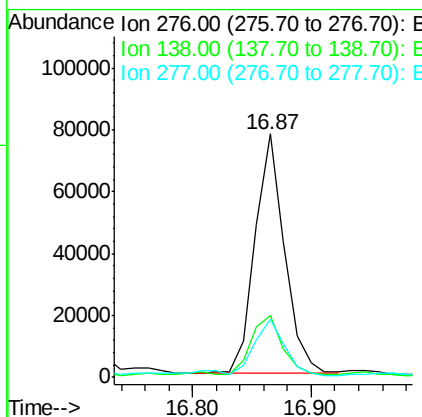
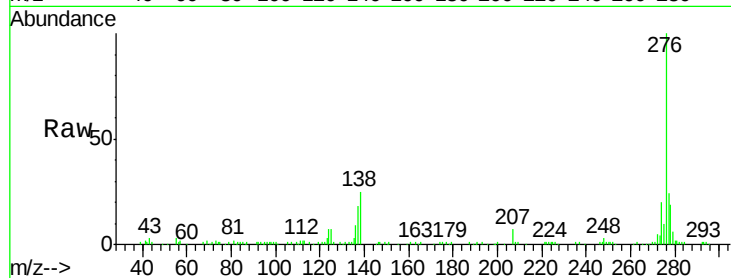




#85
Indeno(1,2,3-cd)pyrene
Concen: 9.51 ng
RT: 16.87 min Scan# 1293
Delta R.T. -0.05 min
Lab File: BF092971.D
Acq: 16 Feb 2017 00:31

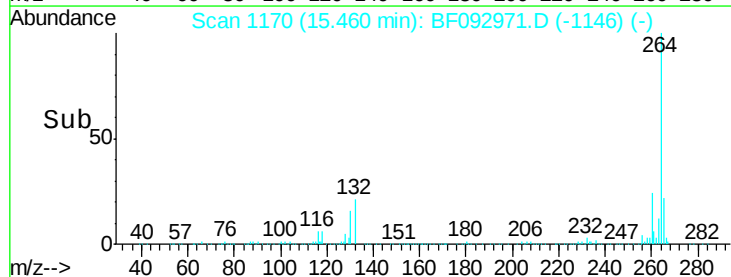
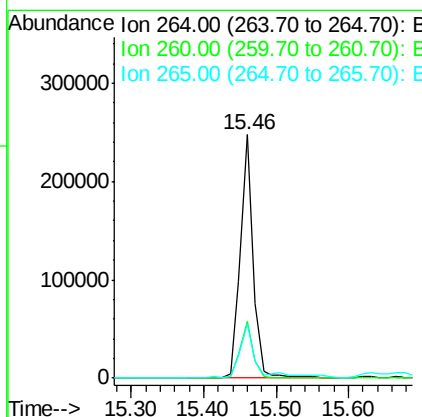
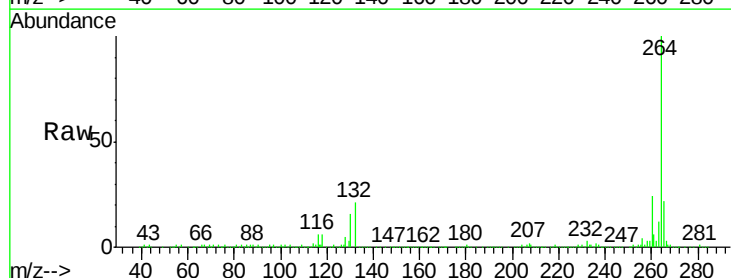
Instrument :
BNA_F
ClientSampleId :

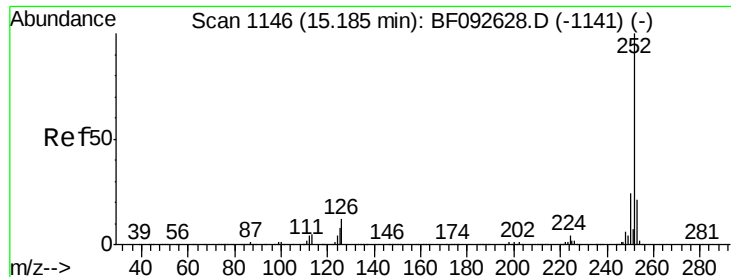
Tot Ion	Ratio	Lower	Upper
276	100		
138	28.1	21.8	32.6
277	25.6	20.2	30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.46 min Scan# 1170
Delta R.T. -0.02 min
Lab File: BF092971.D
Acq: 16 Feb 2017 00:31

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	22.2	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 20.17 ng

RT: 15.05 min Scan# 1134

Delta R.T. -0.02 min

Lab File: BF092971.D

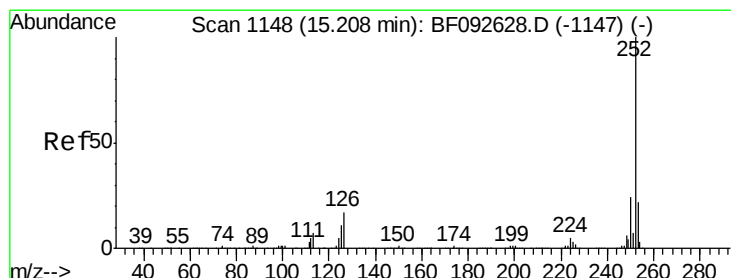
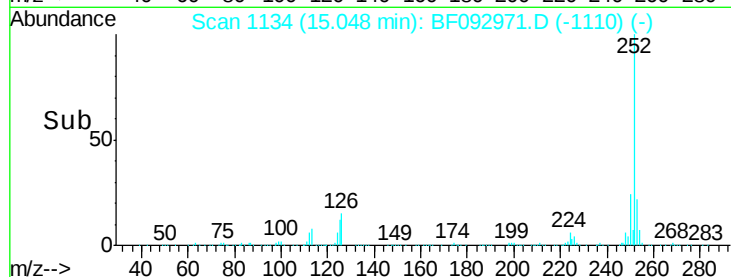
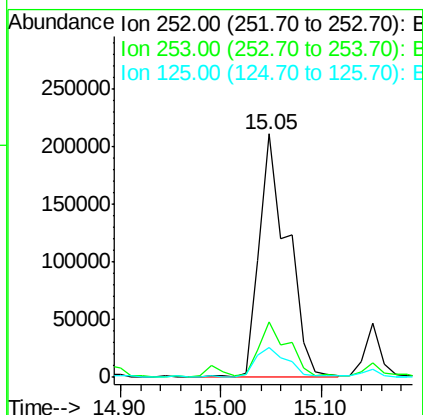
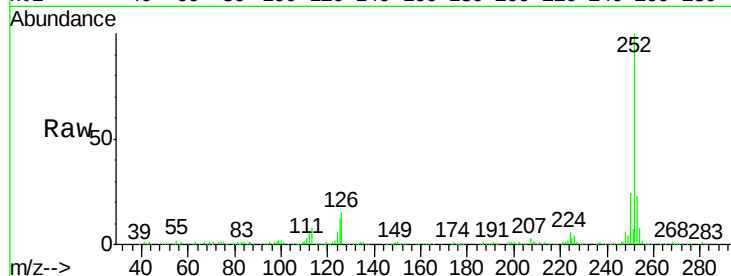
Acq: 16 Feb 2017 00:31

Instrument :

BNA_F

ClientSampled :

Tot Ion:252	Resp:	406985
Ion Ratio	Lower	Upper
252	100	
253	22.5	18.2 27.4
125	12.4	9.8 14.6



#88

Benzo(k)fluoranthene

Concen: 23.36 ng

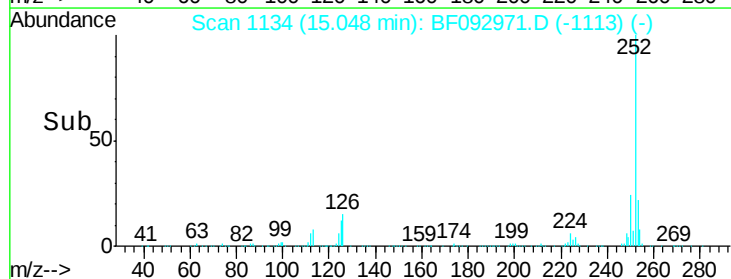
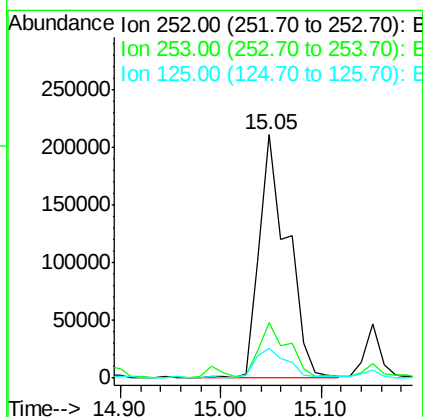
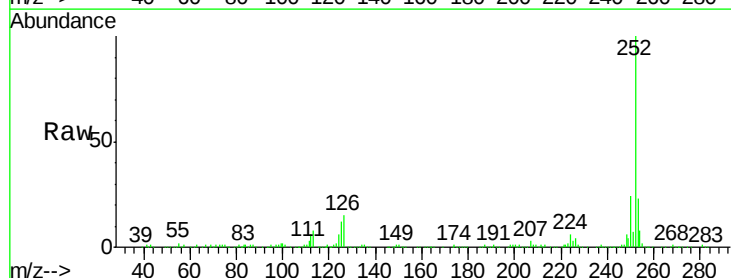
RT: 15.05 min Scan# 1134

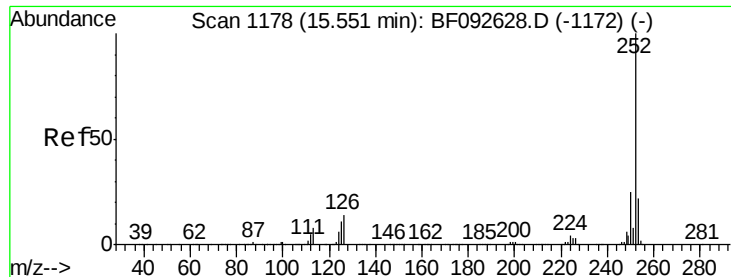
Delta R.T. -0.06 min

Lab File: BF092971.D

Acq: 16 Feb 2017 00:31

Tgt Ion:252	Resp:	406985
Ion Ratio	Lower	Upper
252	100	
253	22.5	18.5 27.7
125	12.4	8.9 13.3





#89

Benzo(a)pyrene

Concen: 2.85 ng

RT: 15.15 min Scan# 1143

Delta R.T. -0.27 min

Lab File: BF092971.D

Acq: 16 Feb 2017 00:31

Instrument :

BNA_F

ClientSampleId :

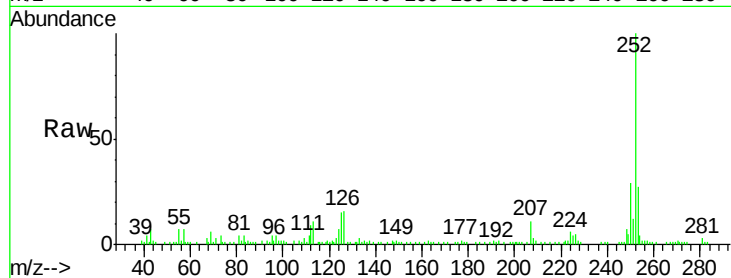
Tot Ion:252 Resp: 49766

Ion Ratio Lower Upper

252 100

253 26.8 18.2 27.2

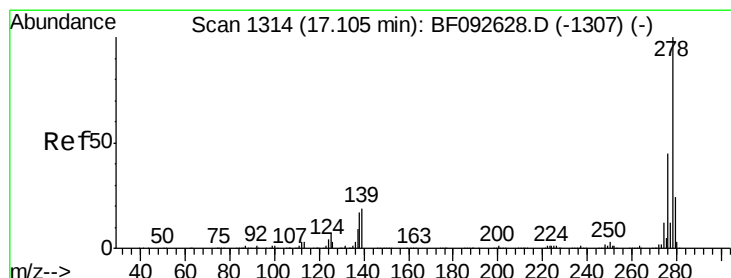
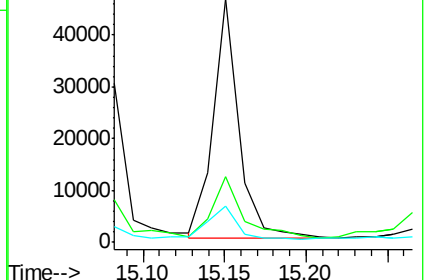
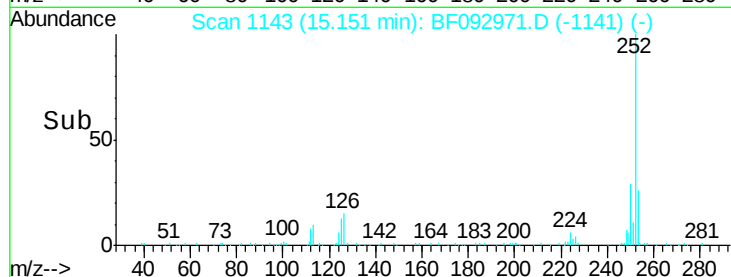
125 14.9 10.0 15.0



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: 3.12 ng

RT: 16.88 min Scan# 1294

Delta R.T. -0.06 min

Lab File: BF092971.D

Acq: 16 Feb 2017 00:31

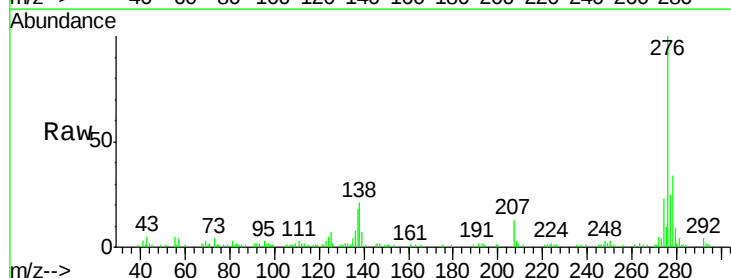
Tgt Ion:278 Resp: 44020

Ion Ratio Lower Upper

278 100

139 20.1 14.8 22.2

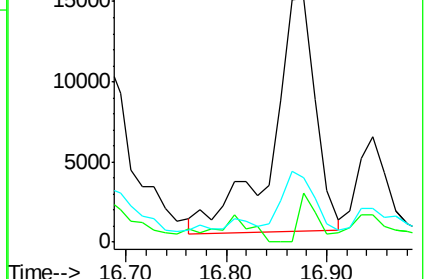
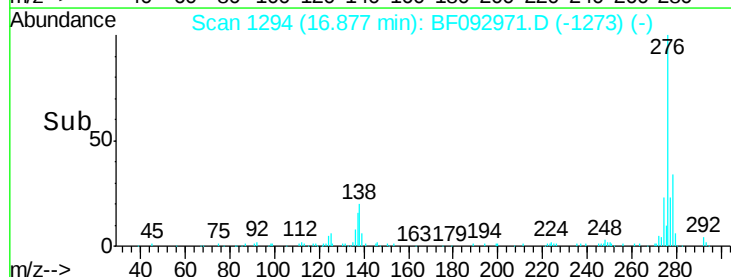
279 26.2 19.8 29.6

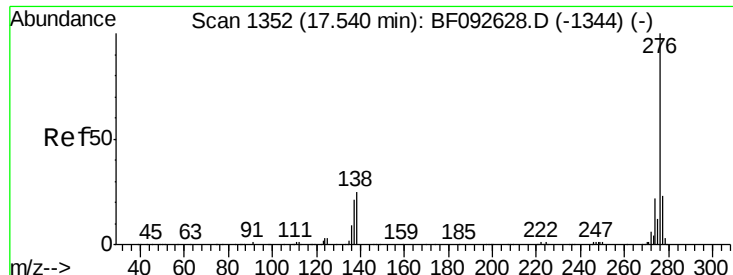


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

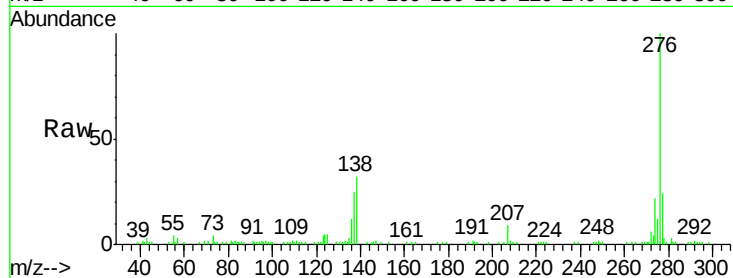




#91
 Benzo(a,h,i)perylene
 Concen: 8.73 ng
 RT: 17.29 min Scan# 1330
 Delta R.T. -0.06 min
 Lab File: BF092971.D
 Acq: 16 Feb 2017 00:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	31.7	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

