

Data File : BF093034.D
Acq On : 20 Feb 2017 17:58
Operator : SJ/MA
Sample : PB97034BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97034BS

Quant Time: Feb 20 23:41:56 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	6.84	152	154558	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	611224	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	298573	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	538448	20.00	ng	0.00
75) Chrysene-d12	14.01	240	410286	20.00	ng	-0.01
86) Perylene-d12	15.44	264	297905	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1195604	132.71	ng	0.00
7) Phenol-d6	6.49	99	1617725	139.56	ng	0.00
23) Nitrobenzene-d5	7.42	82	1026972	93.57	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	315829	146.25	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1644358	99.78	ng	0.00
78) Terphenyl-d14	12.96	244	1327624	76.03	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.49	88	175155	35.98	ng	# 83
3) Pyridine	3.20	79	528879	42.73	ng	# 77
4) n-Nitrosodimethylamine	3.16	42	247353	42.56	ng	87
6) Aniline	6.51	93	366936	23.21	ng	# 81
8) 2-Chlorophenol	6.64	128	475886	47.88	ng	95
9) Benzaldehyde	6.40	77	82491	9.93	ng	98
10) Phenol	6.51	94	522133	38.50	ng	91
11) bis(2-Chloroethyl)ether	6.59	93	476338	44.00	ng	99
12) 1,3-Dichlorobenzene	6.78	146	502443	43.16	ng	# 93
13) 1,4-Dichlorobenzene	6.86	146	530846	45.06	ng	96
14) 1,2-Dichlorobenzene	7.01	146	453951	40.29	ng	95
15) Benzyl Alcohol	6.99	79	380697	44.36	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	812664	43.21	ng	95
17) 2-Methylphenol	7.12	107	411602	48.27	ng	97
18) Hexachloroethane	7.36	117	171395	42.61	ng	# 89
19) n-Nitroso-di-n-propylamine	7.26	70	320954	43.50	ng	95
20) 3+4-Methylphenols	7.26	107	470422	46.15	ng	# 70
22) Acetophenone	7.26	105	598601	42.89	ng	# 92
24) Nitrobenzene	7.44	77	483108	42.86	ng	97
25) Isophorone	7.68	82	928905	45.42	ng	96
26) 2-Nitrophenol	7.76	139	264660	49.40	ng	95
27) 2,4-Dimethylphenol	7.80	122	463859	49.30	ng	95
28) bis(2-Chloroethoxy)methane	7.89	93	620449	45.80	ng	100
29) 2,4-Dichlorophenol	8.00	162	381871	43.52	ng	87
30) 1,2,4-Trichlorobenzene	8.08	180	403912	42.71	ng	# 96
31) Naphthalene	8.16	128	1261367	40.71	ng	99
32) Benzoic acid	7.94	122	208957	40.51	ng	99
33) 4-Chloroaniline	8.21	127	138218	11.37	ng	98
34) Hexachlorobutadiene	8.28	225	219865	42.26	ng	99
35) Caprolactam	8.59	113	87096	31.55	ng	# 48
36) 4-Chloro-3-methylphenol	8.70	107	409374	44.75	ng	99
37) 2-Methylnaphthalene	8.85	142	905260	45.50	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	395422	47.18	ng	99
40) Hexachlorocyclopentadiene	9.00	237	336376	88.96	ng	94

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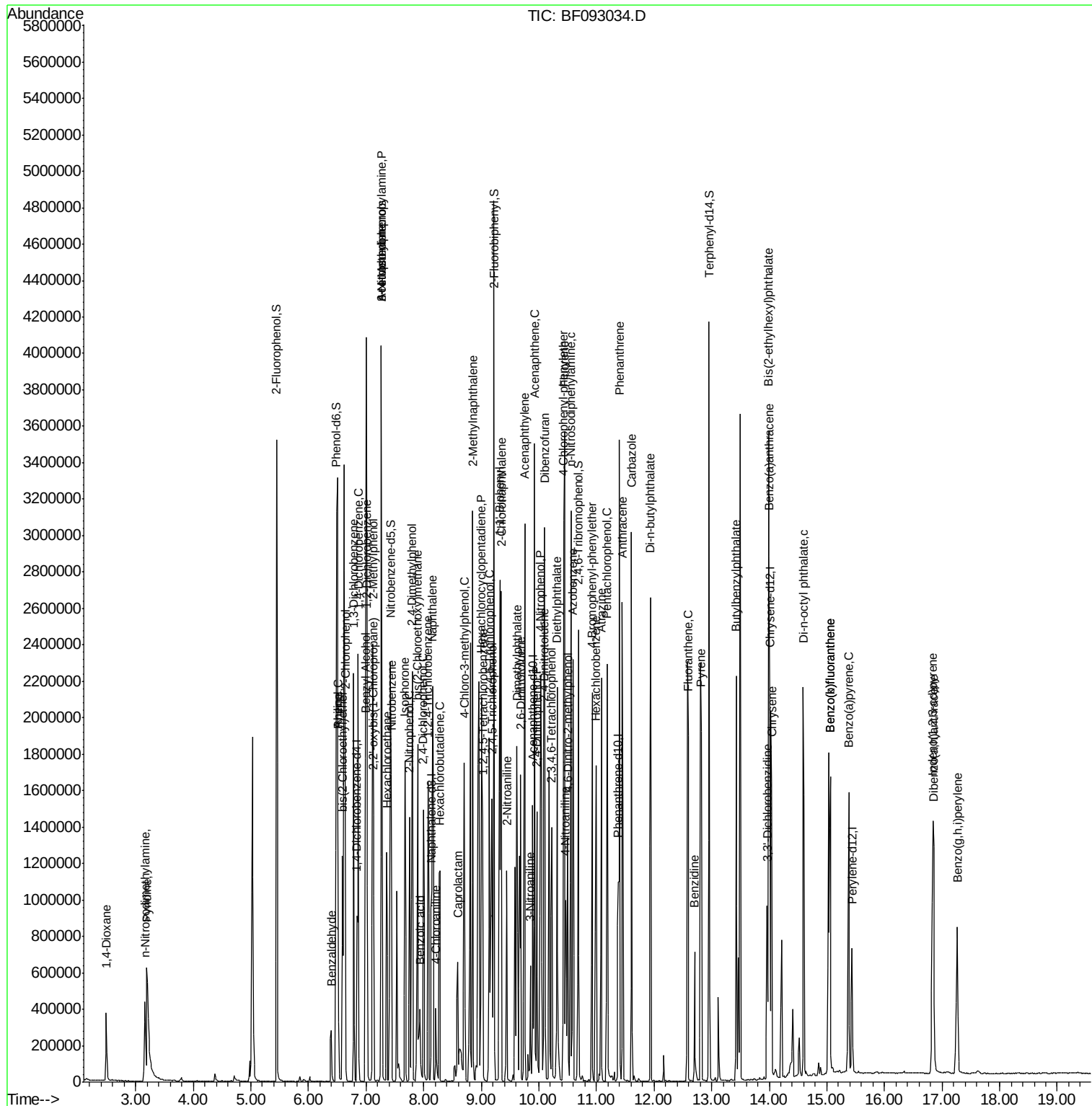
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	296755	53.89	ng	94
43) 2,4,5-Trichlorophenol	9.18	196	289595	47.99	ng #	86
45) 1,1'-Biphenyl	9.32	154	1088376	50.34	ng	100
46) 2-Chloronaphthalene	9.34	162	889085	52.57	ng	99
47) 2-Nitroaniline	9.45	65	274783	48.32	ng #	64
48) Acenaphthylene	9.76	152	1297887	44.42	ng	99
49) Dimethylphthalate	9.62	163	948411	47.16	ng	98
50) 2,6-Dinitrotoluene	9.69	165	242446	55.82	ng	95
51) Acenaphthene	9.93	154	759427	43.47	ng	97
52) 3-Nitroaniline	9.85	138	98559	19.83	ng	92
53) 2,4-Dinitrophenol	9.96	184	227707	101.70	ng #	58
54) Dibenzofuran	10.10	168	1077681	46.13	ng	97
55) 4-Nitrophenol	10.03	139	341579	95.42	ng	91
56) 2,4-Dinitrotoluene	10.09	165	256498	44.36	ng	93
57) Fluorene	10.44	166	872745	48.55	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.22	232	228554	56.78	ng	93
59) Diethylphthalate	10.32	149	895498	47.25	ng	99
60) 4-Chlorophenyl-phenylether	10.43	204	376898	43.65	ng	92
61) 4-Nitroaniline	10.46	138	235254	46.21	ng	93
62) Azobenzene	10.59	77	1013412	51.76	ng	98
64) 4,6-Dinitro-2-methylphenol	10.50	198	165021	50.22	ng #	64
65) n-Nitrosodiphenylamine	10.56	169	803316	46.70	ng	100
66) 4-Bromophenyl-phenylether	10.92	248	247931	44.07	ng	95
67) Hexachlorobenzene	10.99	284	257152	46.26	ng	100
68) Atrazine	11.08	200	240528	43.57	ng	99
69) Pentachlorophenol	11.18	266	258948	89.31	ng	98
70) Phenanthrene	11.40	178	1338365	43.38	ng	99
71) Anthracene	11.45	178	1302526	42.05	ng	100
72) Carbazole	11.61	167	1130346	38.17	ng	99
73) Di-n-butylphthalate	11.94	149	1602551	50.04	ng #	96
74) Fluoranthene	12.59	202	1322308	41.56	ng	91
76) Benzidine	12.71	184	268425	15.35	ng	96
77) Pyrene	12.82	202	1342951	43.74	ng	98
79) Butylbenzylphthalate	13.43	149	590815	47.38	ng	97
80) Benzo(a)anthracene	14.00	228	1026308	40.90	ng	99
81) 3,3'-Dichlorobenzidine	13.96	252	195288	21.83	ng #	95
82) Chrysene	14.04	228	987345	42.02	ng	99
83) Bis(2-ethylhexyl)phthalate	13.99	149	786996	46.15	ng	98
84) Di-n-octyl phthalate	14.59	149	1342836	48.36	ng	100
85) Indeno(1,2,3-cd)pyrene	16.84	276	744443	40.91	ng #	94
87) Benzo(b)fluoranthene	15.06	252	1694524	86.42	ng #	95
88) Benzo(k)fluoranthene	15.06	252	1694524	100.09	ng #	96
89) Benzo(a)pyrene	15.38	252	760150	44.82	ng	98
90) Dibenzo(a,h)anthracene	16.85	278	627222	45.76	ng	99
91) Benzo(g,h,i)perylene	17.27	276	641382	46.32	ng #	93

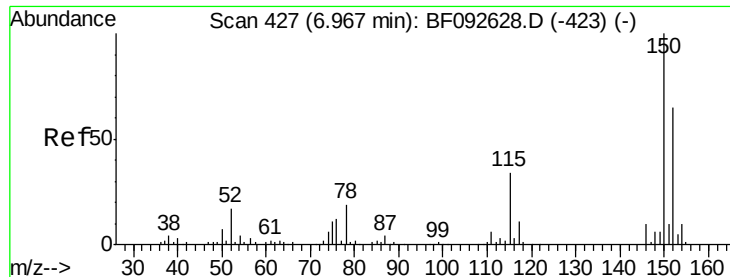
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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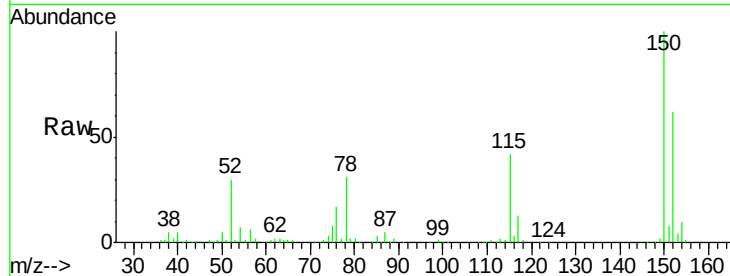


#1

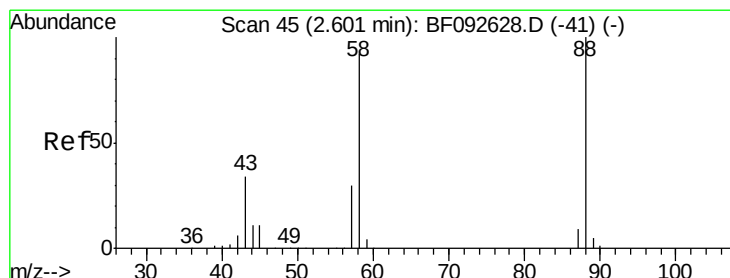
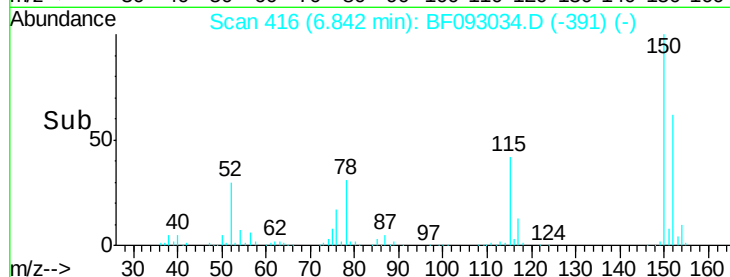
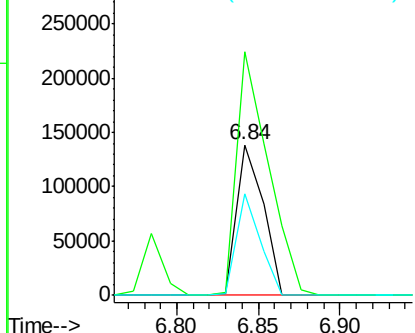
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.84 min Scan# 416
Delta R.T. -0.01 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Instrument :
BNA_F
ClientSampleId :
PB97034BS

Tgt Ion:152 Resp: 154558
Ion Ratio Lower Upper
152 100
150 162.1 124.9 187.3
115 67.6 46.0 69.0



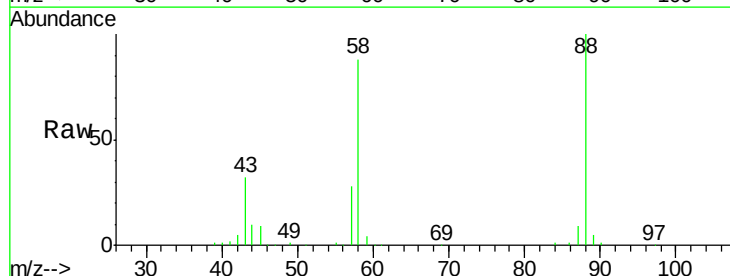
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



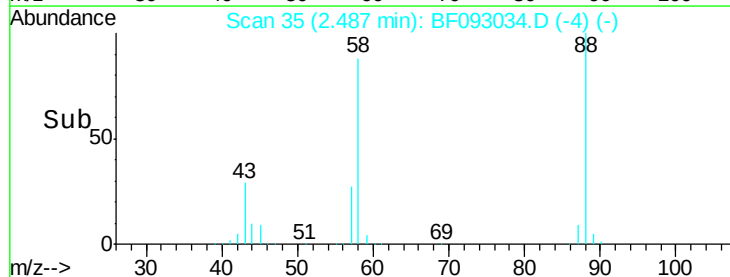
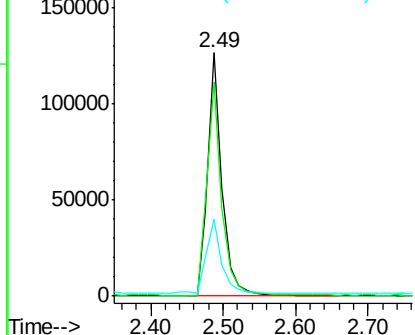
#2

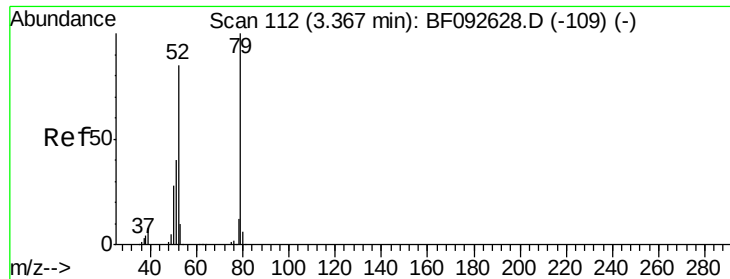
1,4-Dioxane
Concen: 35.98 ng
RT: 2.49 min Scan# 35
Delta R.T. 0.06 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion: 88 Resp: 175155
Ion Ratio Lower Upper
88 100
58 89.8 57.8 86.8#
43 32.3 22.3 33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 42.73 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.05 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

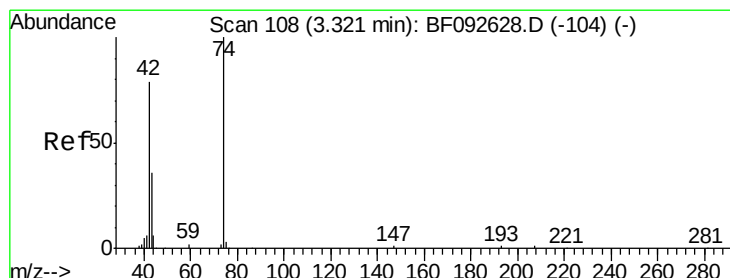
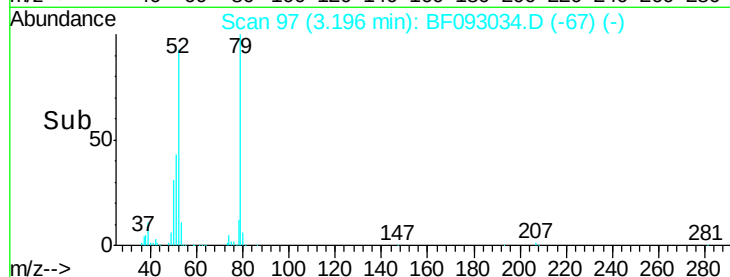
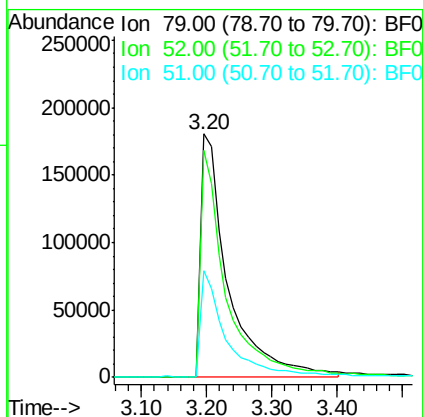
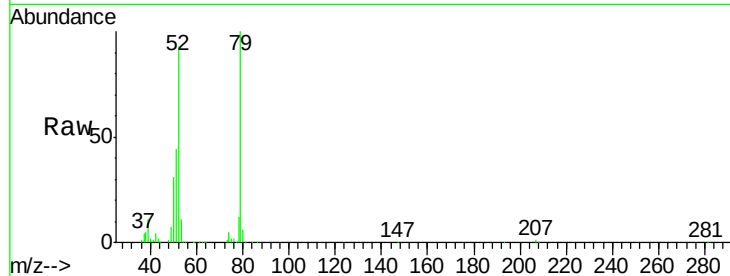
Tgt Ion: 79 Resp: 528879

Ion Ratio Lower Upper

79 100

52 93.4 57.1 85.7#

51 43.9 27.3 40.9#



#4

n-Nitrosodimethylamine

Concen: 42.56 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.06 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

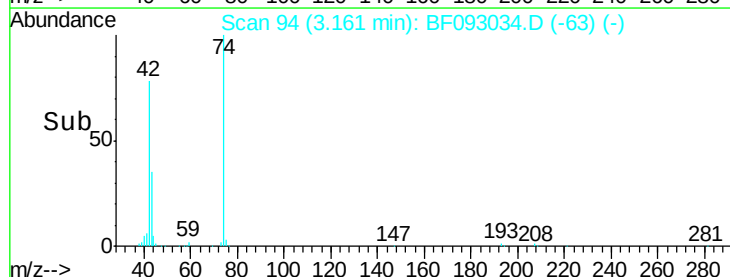
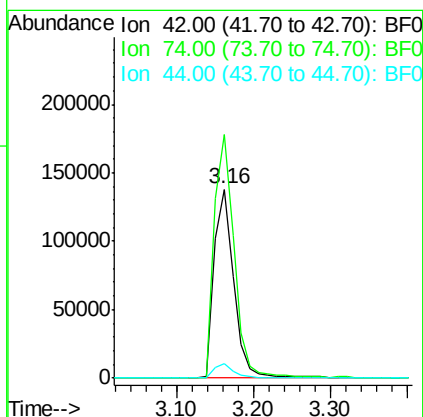
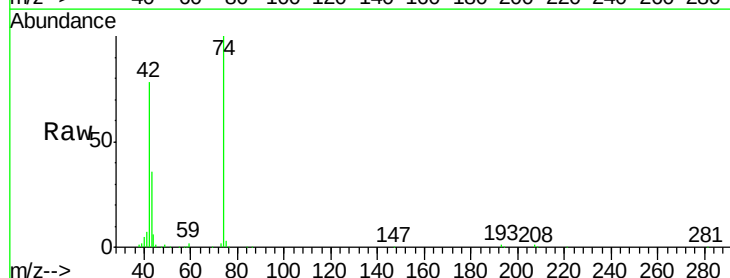
Tgt Ion: 42 Resp: 247353

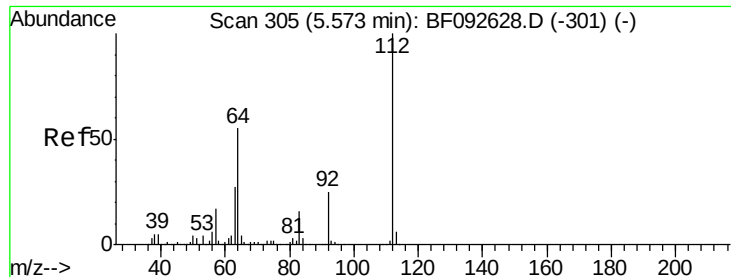
Ion Ratio Lower Upper

42 100

74 129.0 117.0 175.4

44 7.4 5.5 8.3





#5

2-Fluorophenol

Concen: 132.71 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

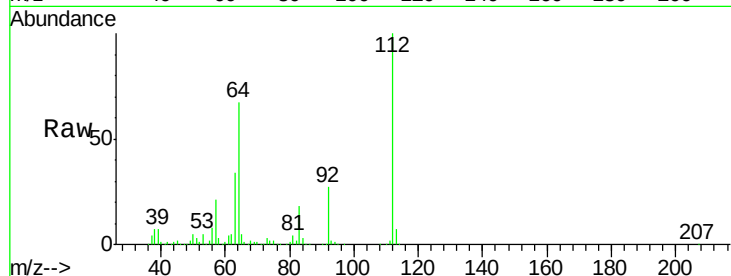
Tgt Ion:112 Resp: 1195604

Ion Ratio Lower Upper

112 100

64 67.4 46.1 69.1

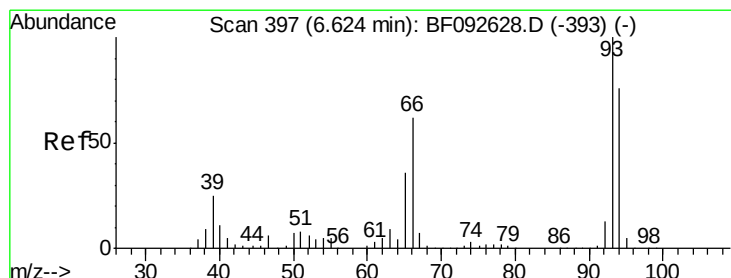
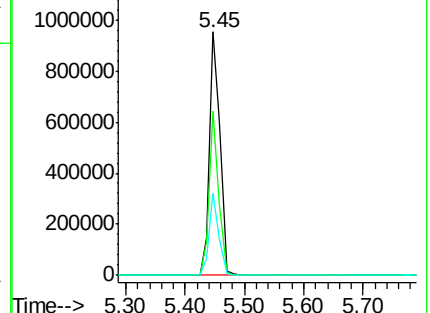
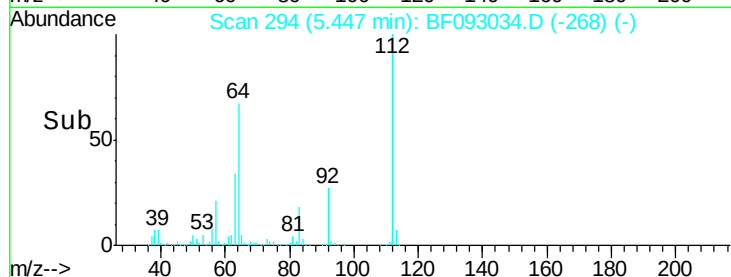
63 34.0 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 23.21 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

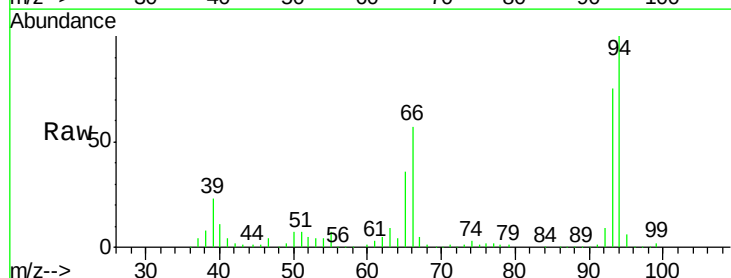
Tgt Ion: 93 Resp: 366936

Ion Ratio Lower Upper

93 100

66 76.5 76.2 114.2

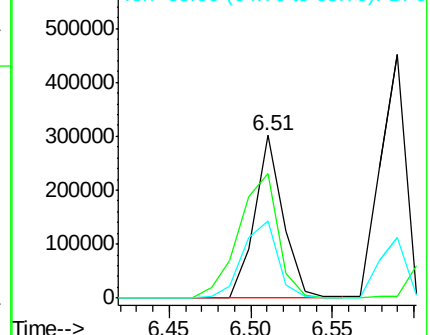
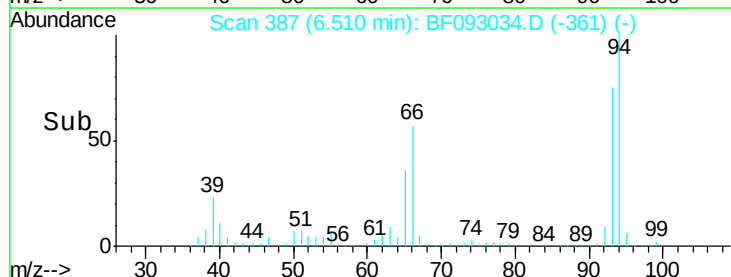
65 47.6 49.3 73.9#

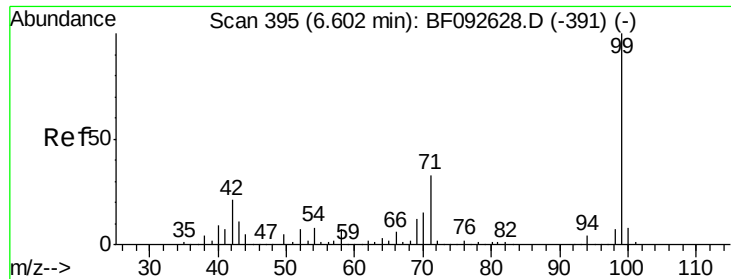


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 139.56 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

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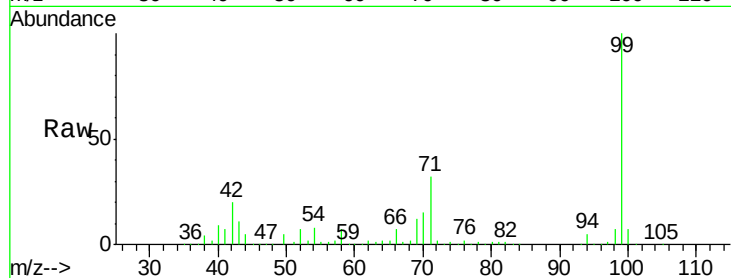
Tgt Ion: 99 Resp: 1617725

Ion Ratio Lower Upper

99 100

42 20.4 15.6 23.4

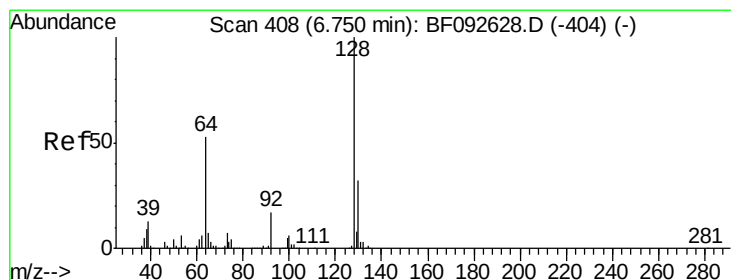
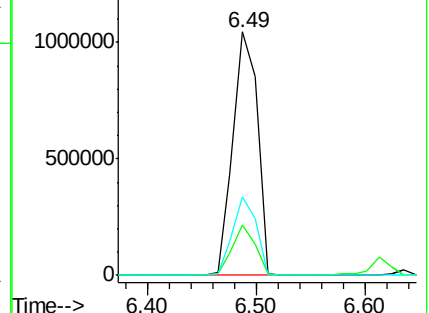
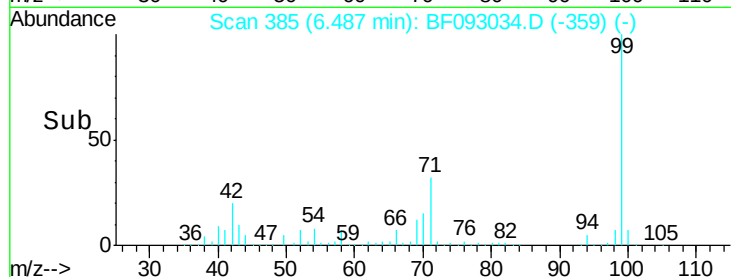
71 32.3 27.5 41.3



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



#8

2-Chlorophenol

Concen: 47.88 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

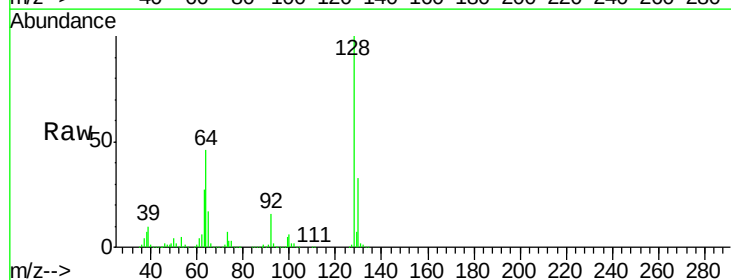
Tgt Ion: 128 Resp: 475886

Ion Ratio Lower Upper

128 100

130 32.8 12.3 52.3

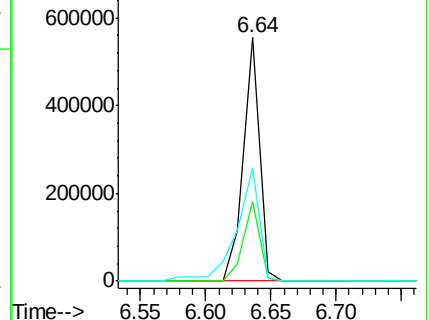
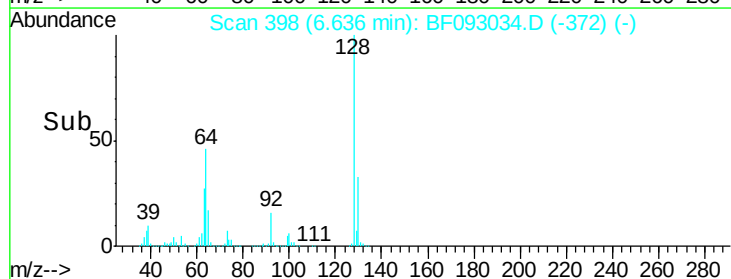
64 46.4 32.2 72.2

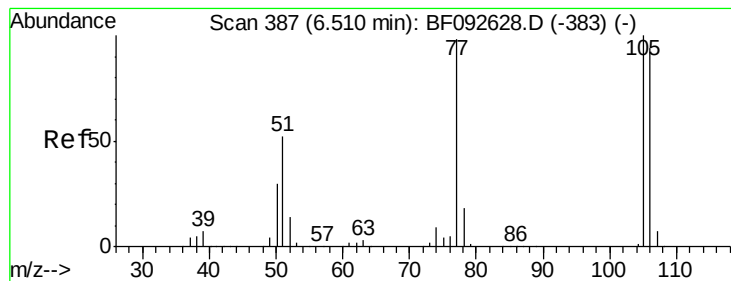


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.93 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.00 min

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PB97034BS

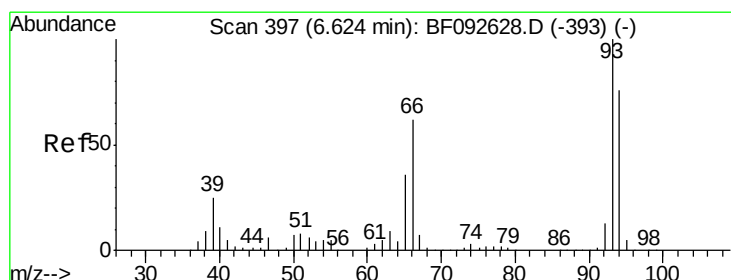
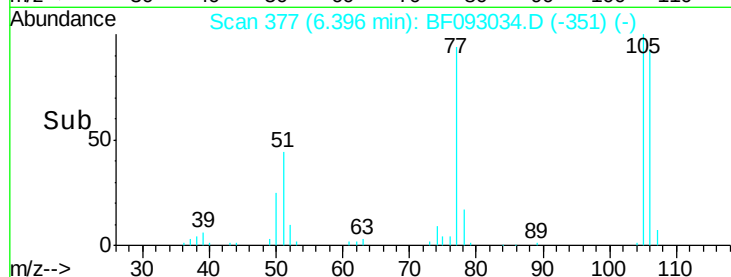
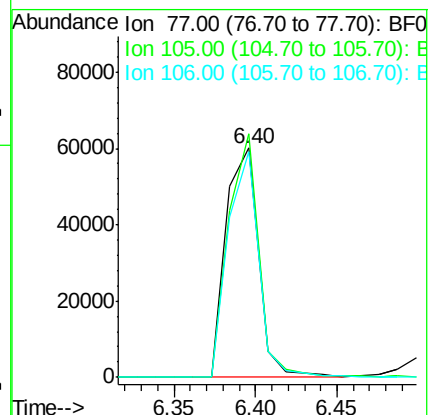
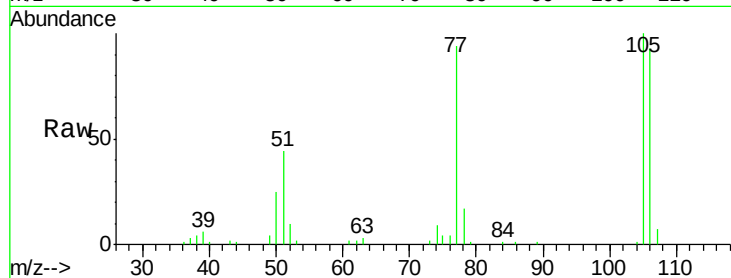
Tgt Ion: 77 Resp: 82491

Ion Ratio Lower Upper

77 100

105 106.2 83.9 123.9

106 98.3 77.6 117.6



#10

Phenol

Concen: 38.50 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

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Acq: 20 Feb 2017 17:58

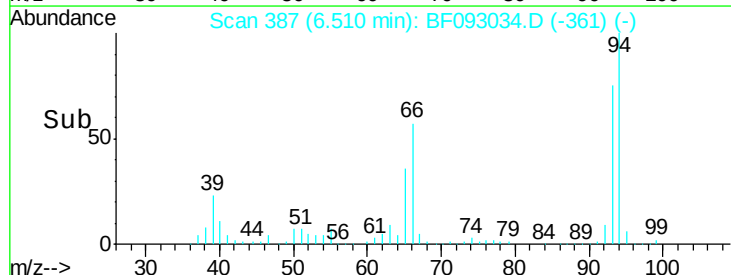
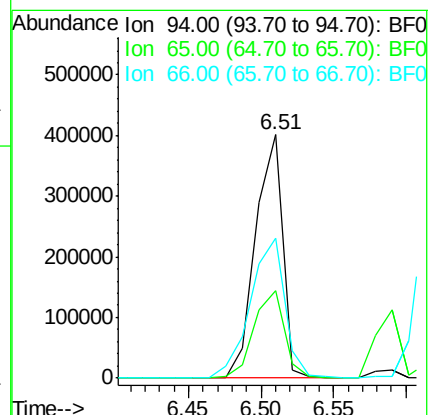
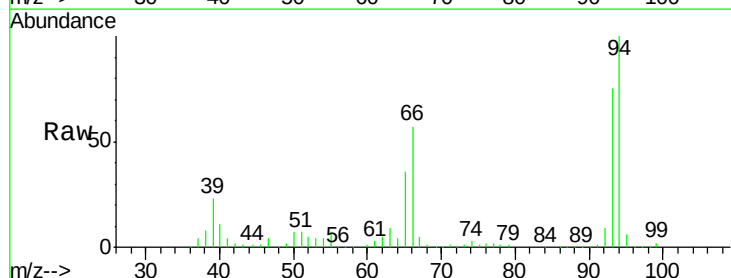
Tgt Ion: 94 Resp: 522133

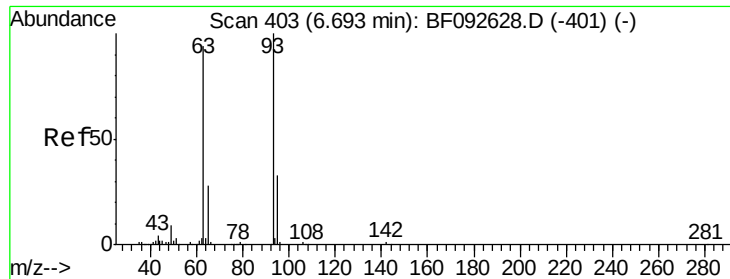
Ion Ratio Lower Upper

94 100

65 35.7 21.4 61.4

66 57.4 44.0 84.0

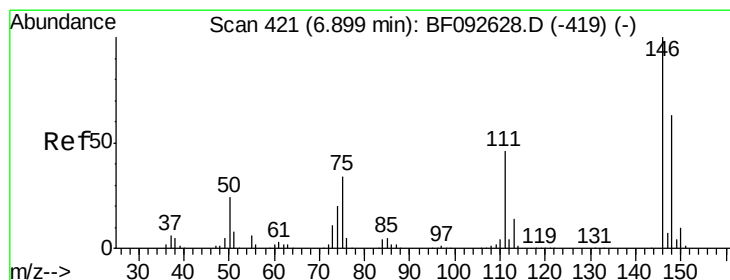
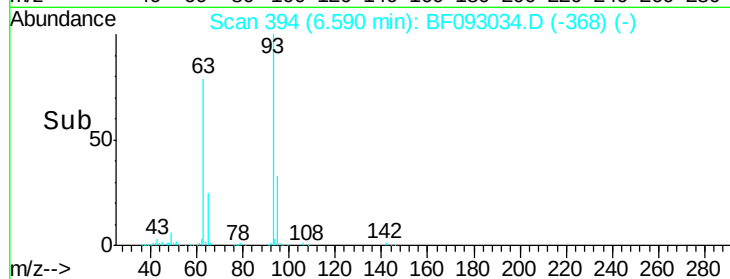
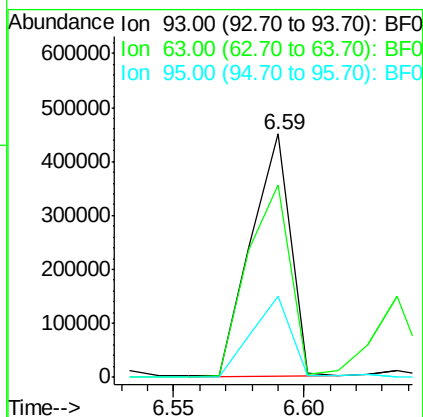
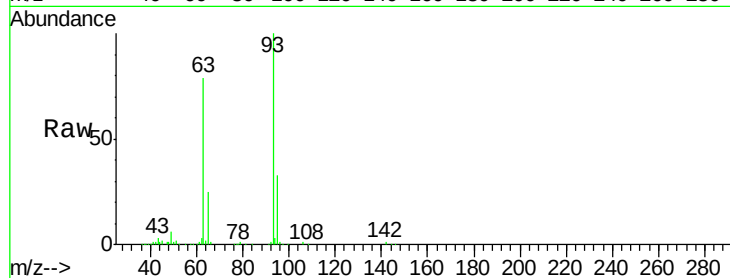




#11
bis(2-Chloroethyl)ether
Concen: 44.00 ng
RT: 6.59 min Scan# 394
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

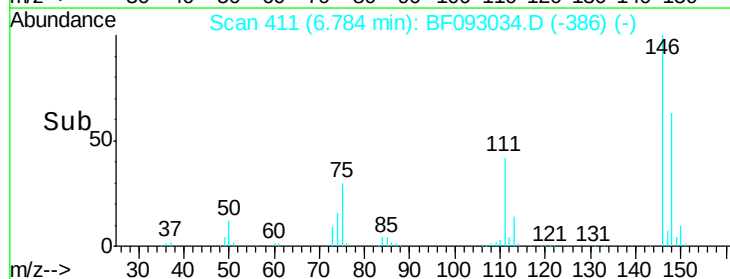
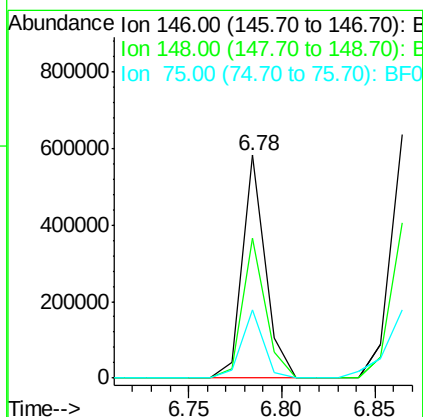
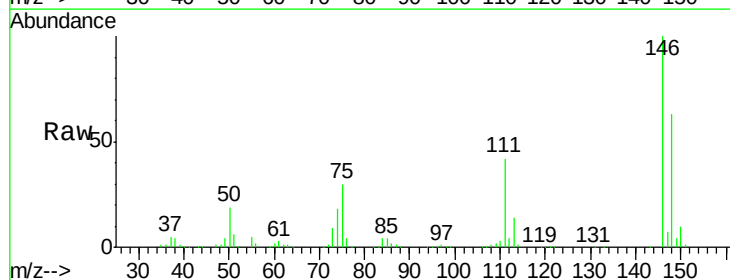
Instrument :
BNA_F
ClientSampleId :
PB97034BS

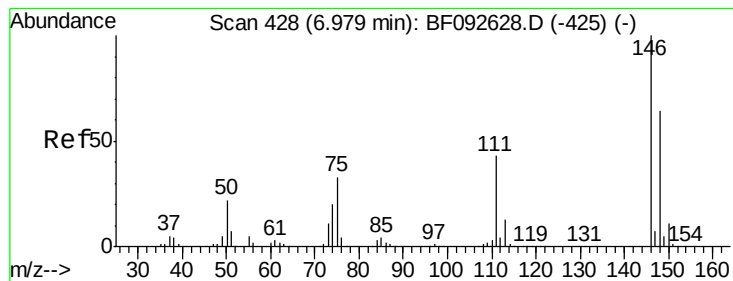
Tgt Ion: 93 Resp: 476338
Ion Ratio Lower Upper
93 100
63 78.8 60.4 100.4
95 33.1 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 43.16 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion: 146 Resp: 502443
Ion Ratio Lower Upper
146 100
148 63.0 53.4 80.0
75 30.4 18.5 27.7#





#13

1,4-Dichlorobenzene

Concen: 45.06 ng

RT: 6.86 min Scan# 418

Delta R.T. -0.01 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

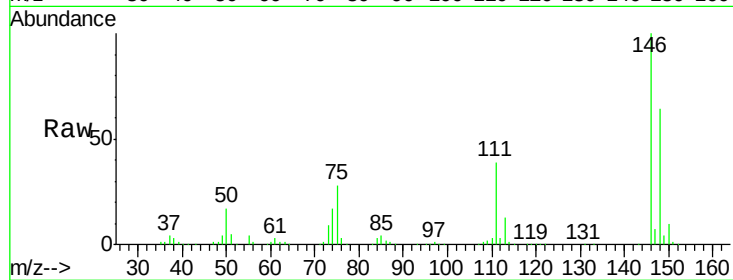
Tgt Ion:146 Resp: 530846

Ion Ratio Lower Upper

146 100

148 63.9 50.6 76.0

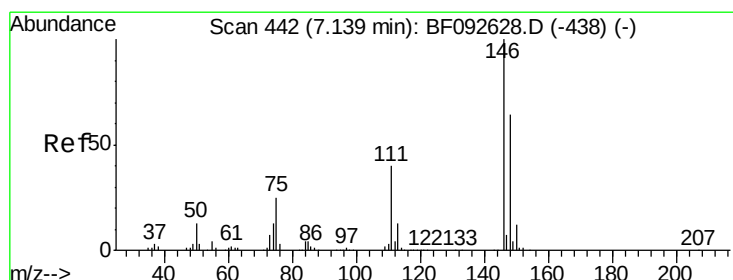
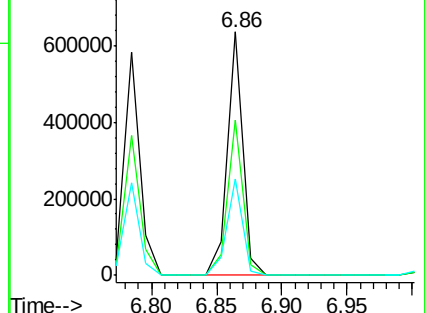
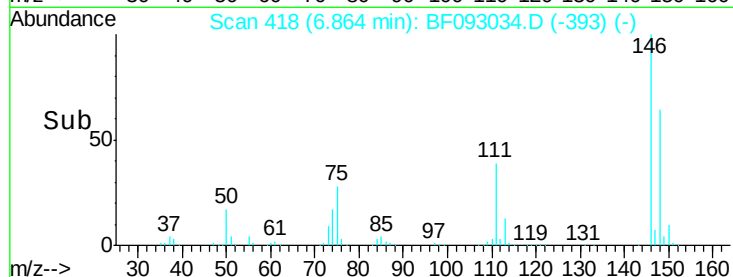
111 39.4 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.29 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

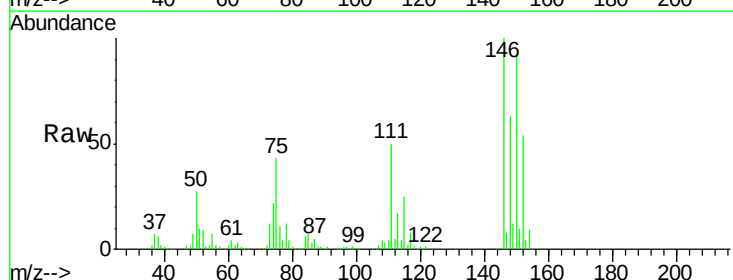
Tgt Ion:146 Resp: 453951

Ion Ratio Lower Upper

146 100

148 63.2 52.2 78.2

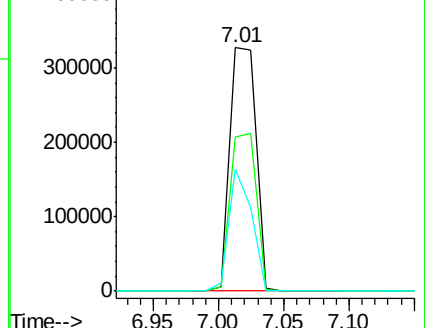
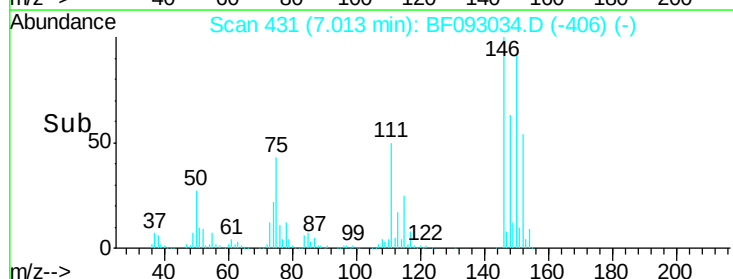
111 50.0 36.2 54.2

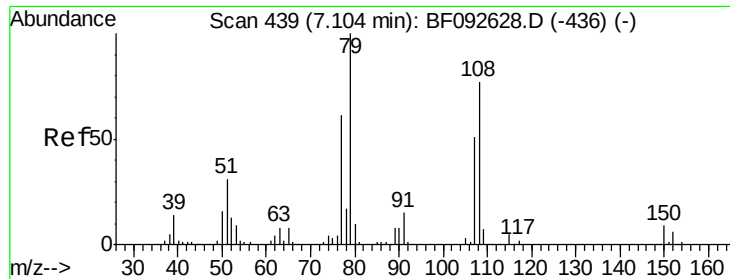


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

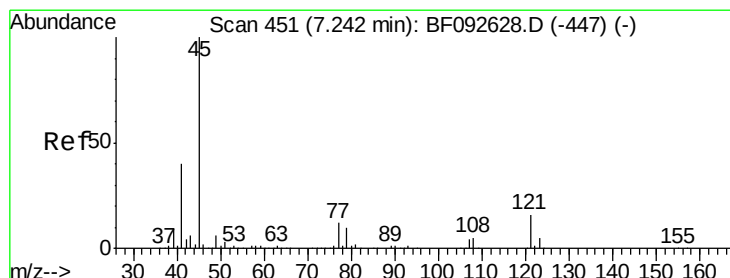
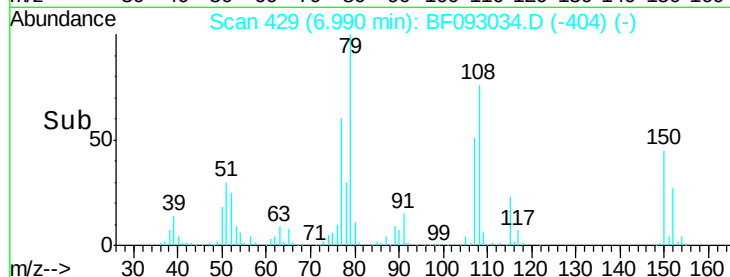
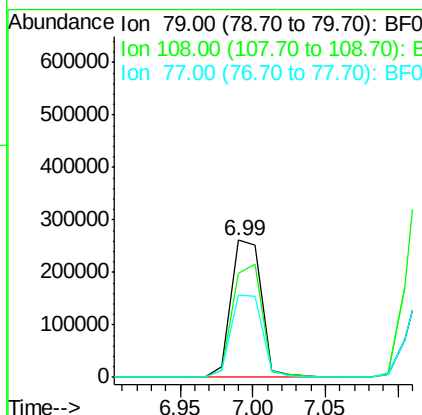
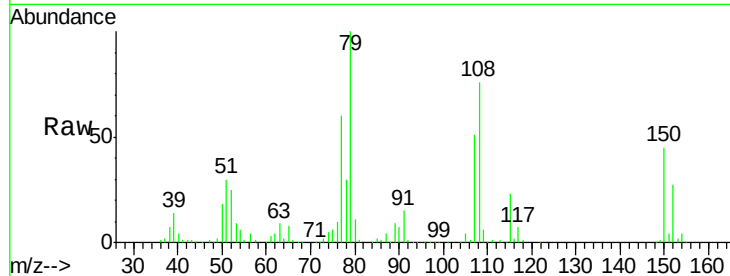




#15
Benzyl Alcohol
Concen: 44.36 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

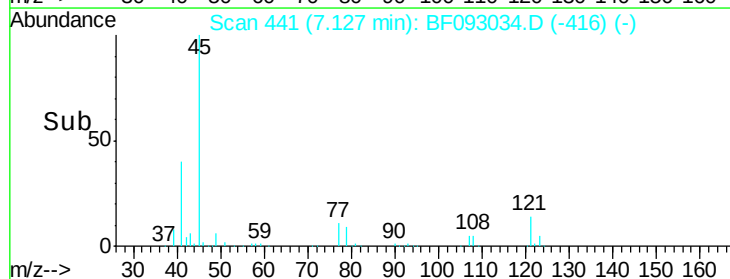
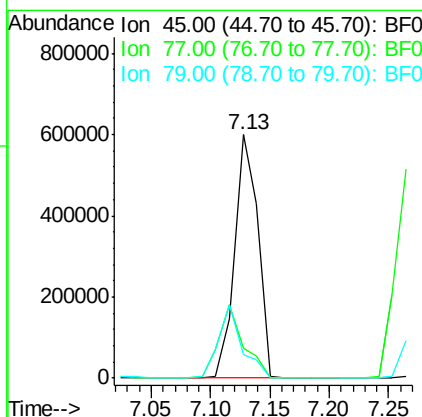
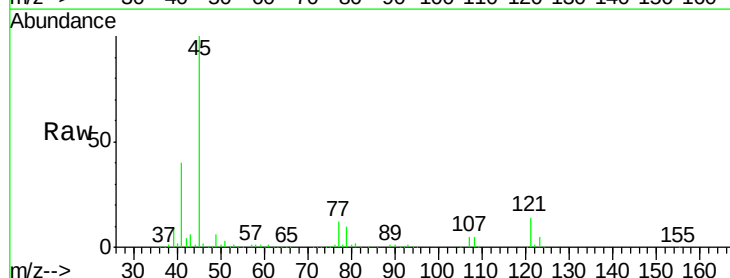
Instrument :
BNA_F
ClientSampleId :
PB97034BS

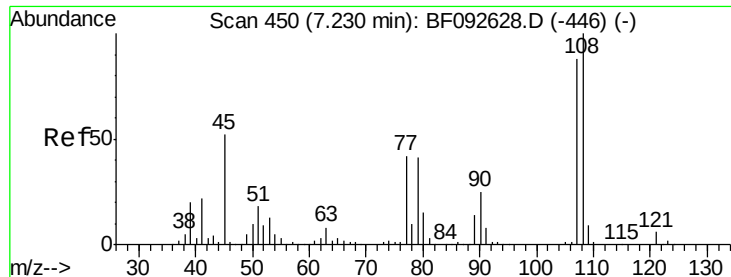
Tgt Ion: 79 Resp: 380697
Ion Ratio Lower Upper
79 100
108 76.0 61.4 92.0
77 60.2 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.21 ng
RT: 7.13 min Scan# 441
Delta R.T. -0.01 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion: 45 Resp: 812664
Ion Ratio Lower Upper
45 100
77 12.4 0.0 34.6
79 9.9 0.0 31.2

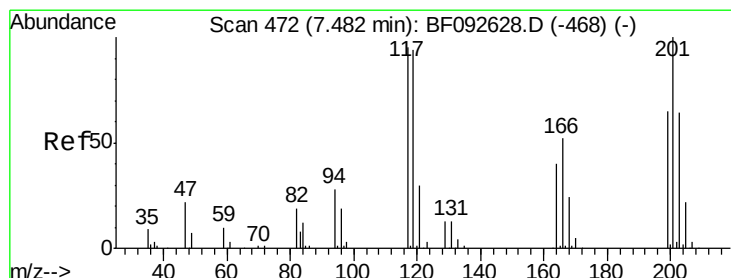
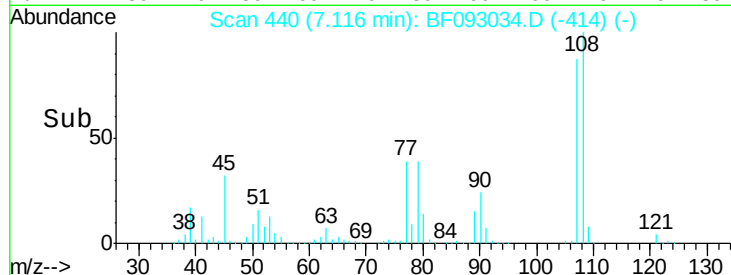
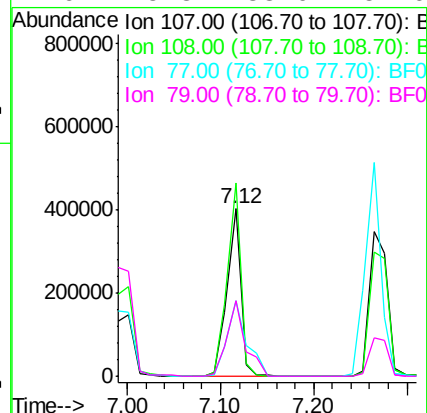
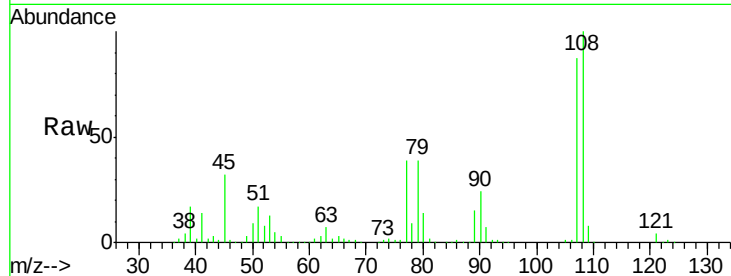




#17
2-Methylphenol
Concen: 48.27 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

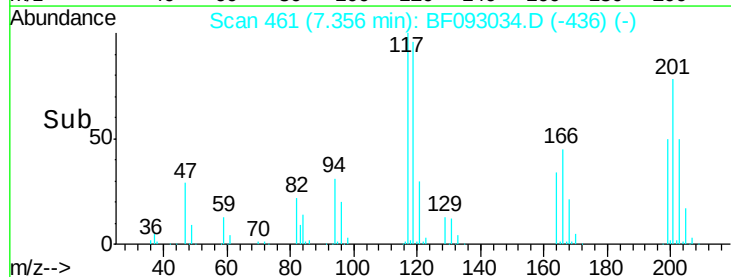
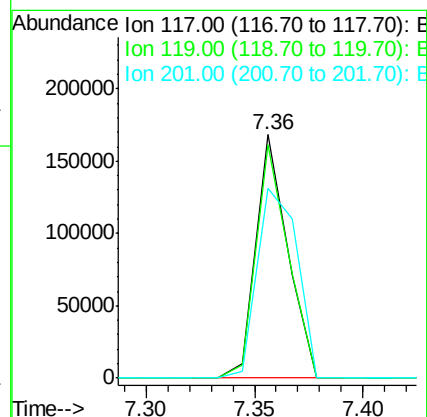
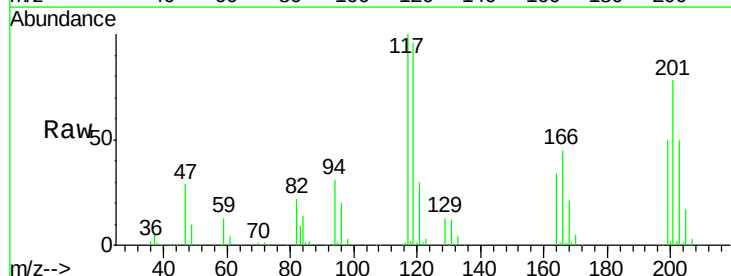
Instrument :
BNA_F
ClientSampleId :
PB97034BS

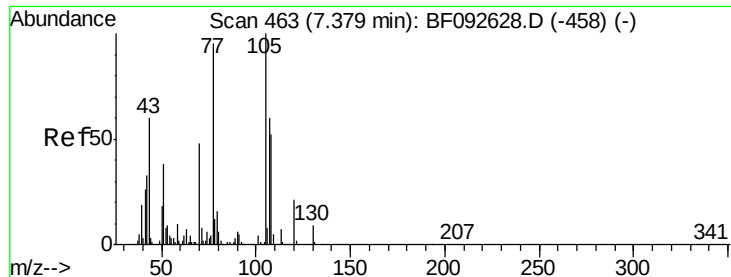
Tgt Ion:107 Resp: 411602
Ion Ratio Lower Upper
107 100
108 115.3 93.0 139.6
77 45.2 39.8 59.8
79 45.3 38.0 57.0



#18
Hexachloroethane
Concen: 42.61 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion:117 Resp: 171395
Ion Ratio Lower Upper
117 100
119 96.0 78.1 117.1
201 77.9 78.6 117.8#

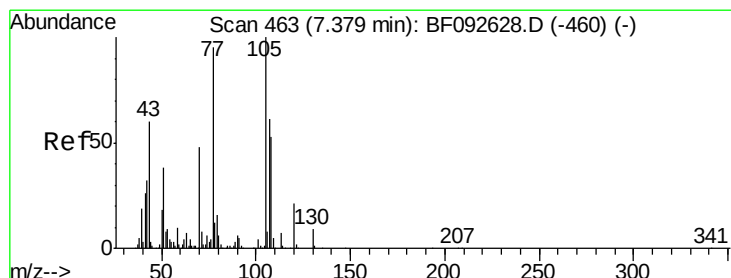
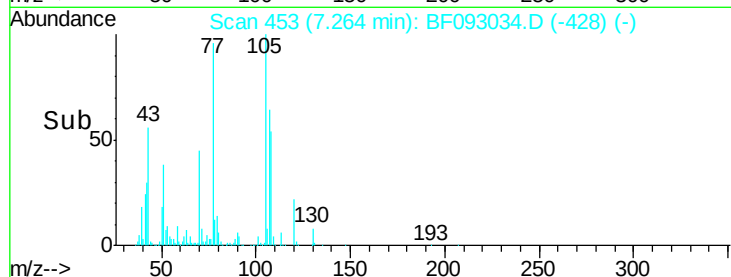
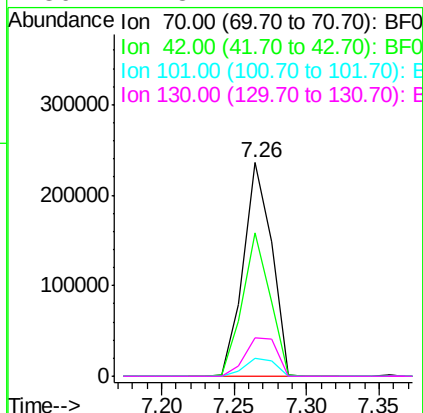
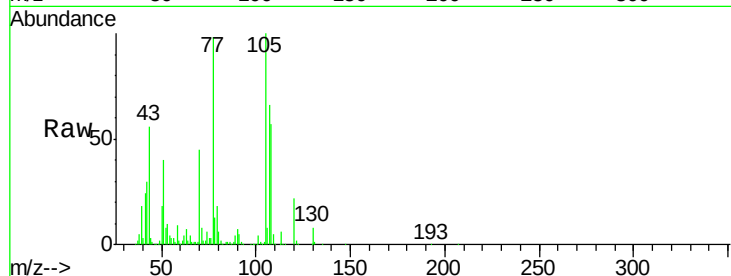




#19
n-Nitroso-di-n-propylamine
Concen: 43.50 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

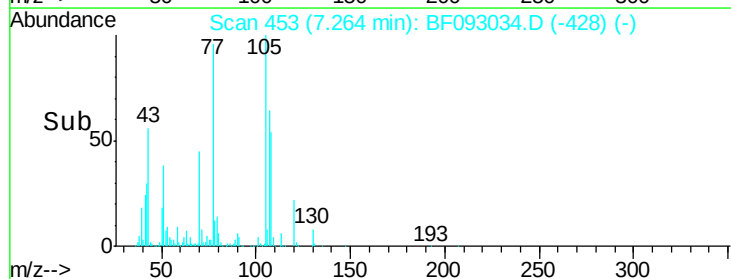
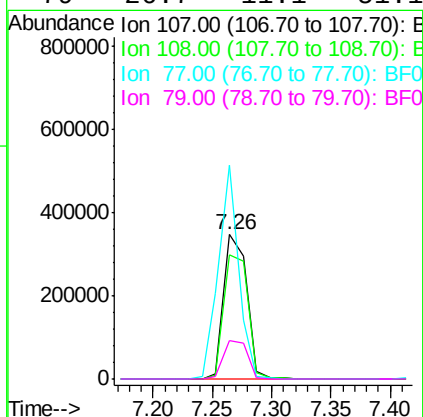
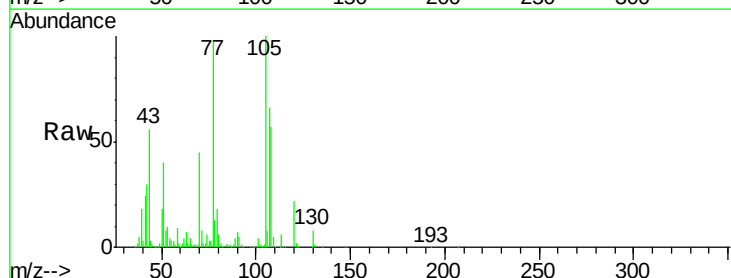
Instrument :
BNA_F
ClientSampleId :
PB97034BS

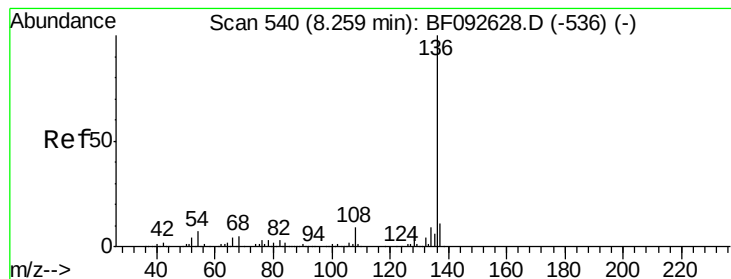
Tgt Ion:	70	Resp:	320954
Ion	Ratio	Lower	Upper
70	100		
42	66.9	49.4	74.0
101	8.5	7.4	11.2
130	17.8	14.2	21.4



#20
3+4-Methylphenols
Concen: 46.15 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion:	107	Resp:	470422
Ion	Ratio	Lower	Upper
107	100		
108	85.8	73.0	113.0
77	148.2	71.3	111.3#
79	26.7	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

Tgt Ion:136 Resp: 611224

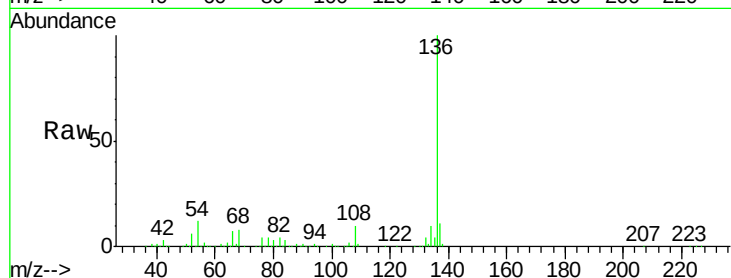
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 12.1 4.5 6.7#

68 7.9 3.6 5.4#

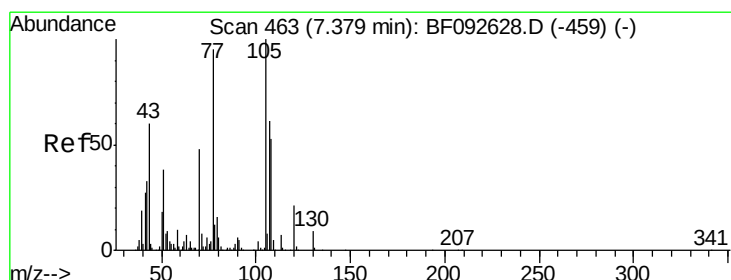
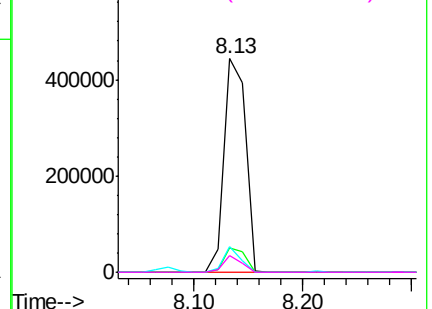
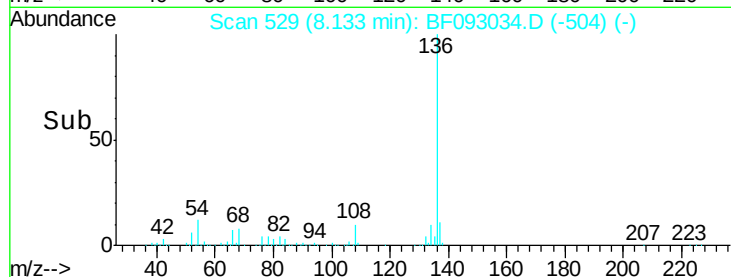


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 42.89 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Tgt Ion:105 Resp: 598601

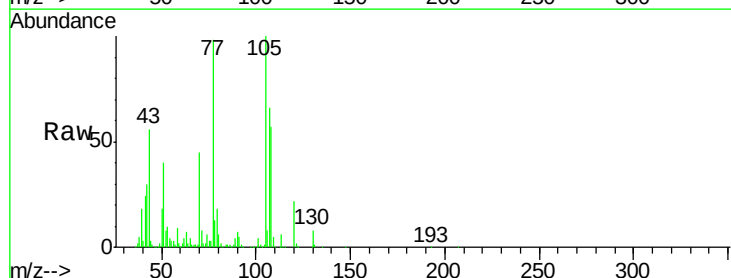
Ion Ratio Lower Upper

105 100

71 7.5 3.2 4.8#

51 39.6 26.2 39.4#

120 21.7 16.6 24.8

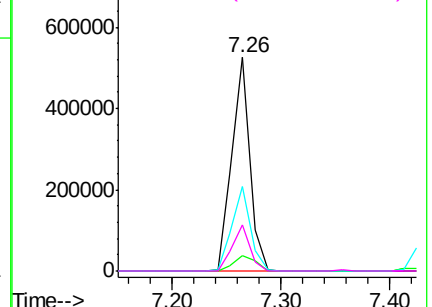
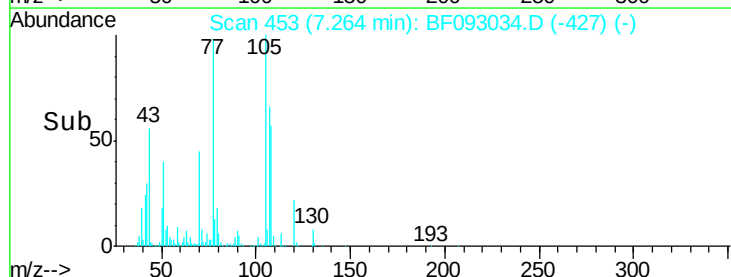


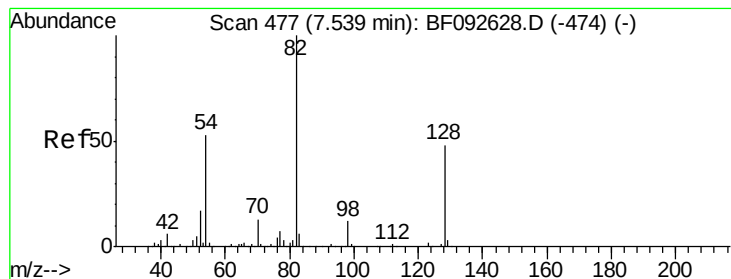
Abundance Ion 105.00 (104.70 to 105.70): E

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





#23

Nitrobenzene-d5

Concen: 93.57 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

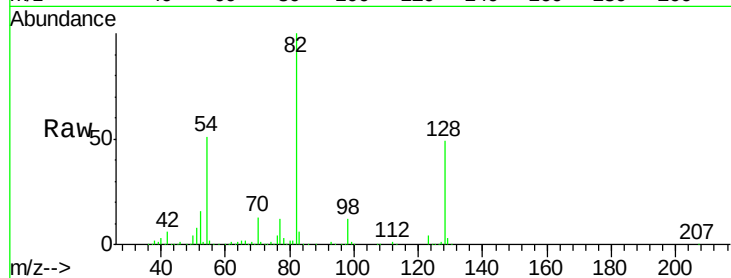
Tgt Ion: 82 Resp: 1026972

Ion Ratio Lower Upper

82 100

128 48.9 34.6 52.0

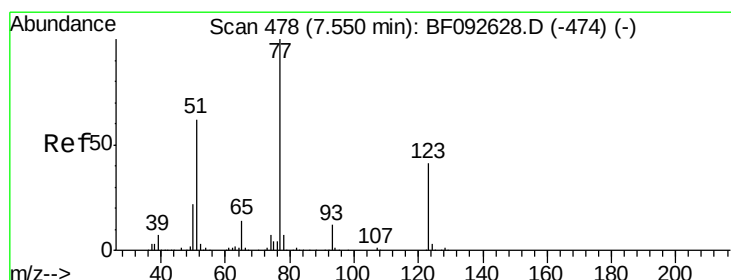
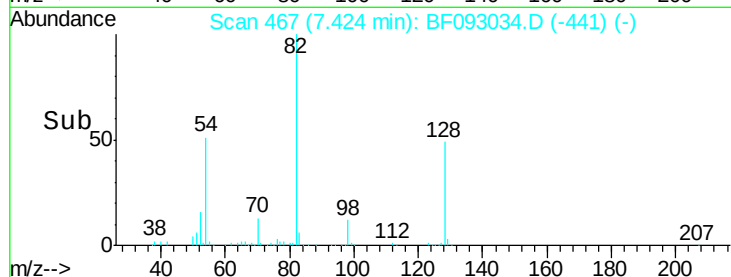
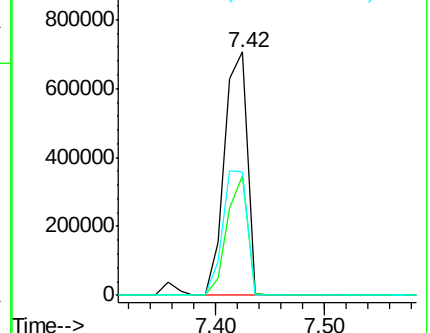
54 50.8 39.5 59.3



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



#24

Nitrobenzene

Concen: 42.86 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

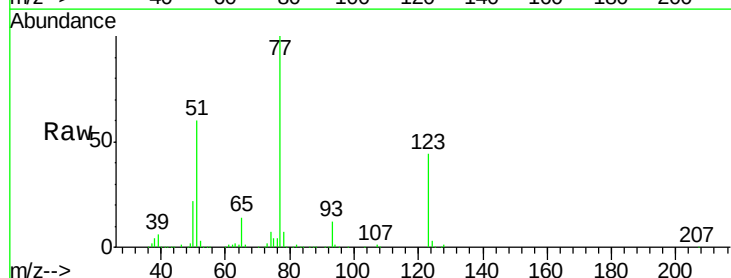
Tgt Ion: 77 Resp: 483108

Ion Ratio Lower Upper

77 100

123 43.5 33.0 49.4

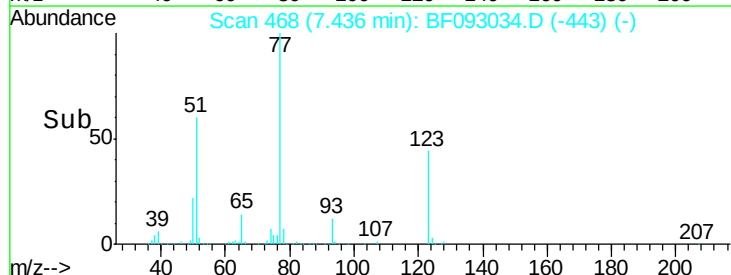
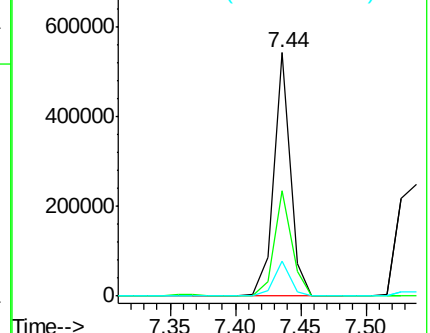
65 14.2 11.2 16.8

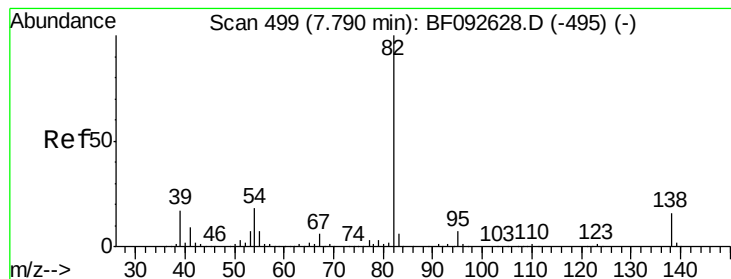


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 45.42 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

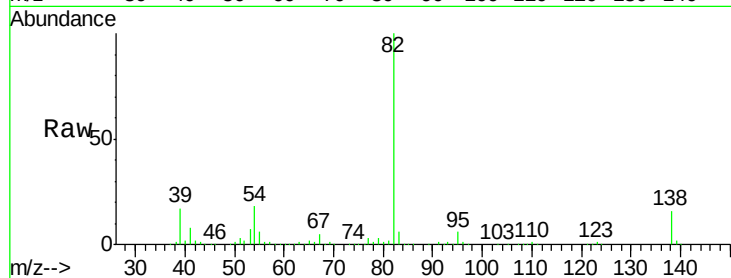
Tgt Ion: 82 Resp: 928905

Ion Ratio Lower Upper

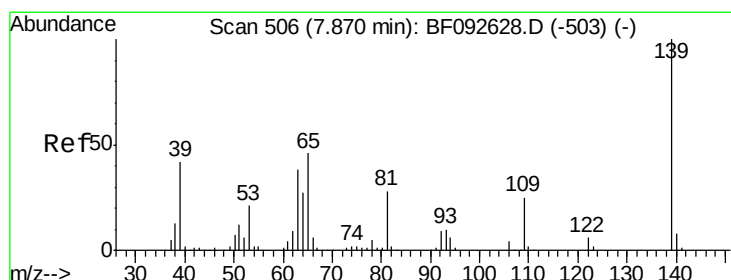
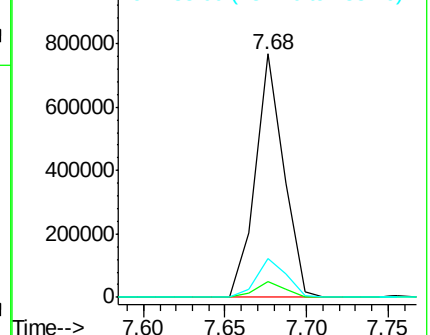
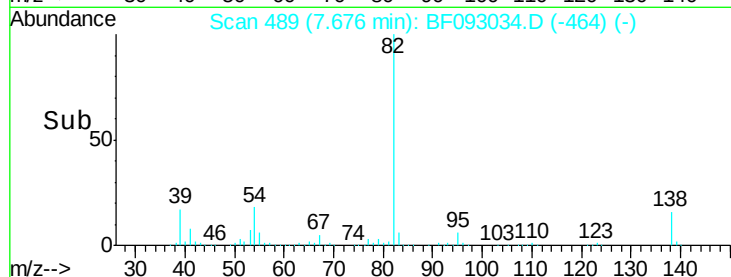
82 100

95 6.3 5.6 8.4

138 15.9 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



#26

2-Nitrophenol

Concen: 49.40 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

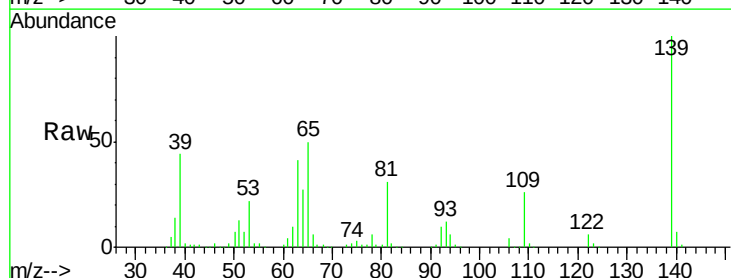
Tgt Ion: 139 Resp: 264660

Ion Ratio Lower Upper

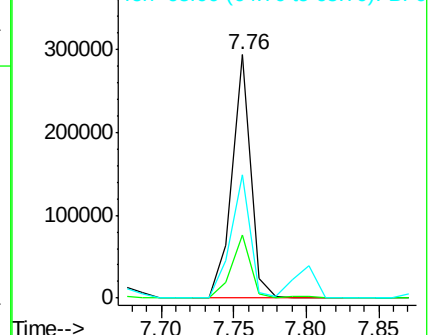
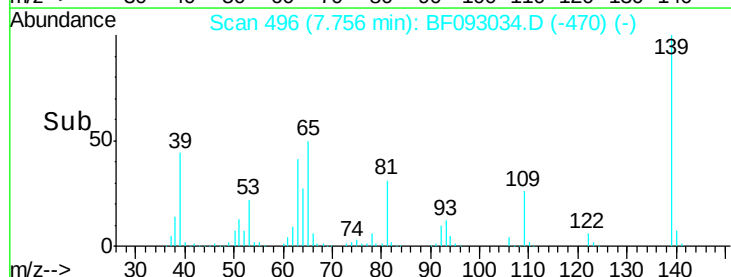
139 100

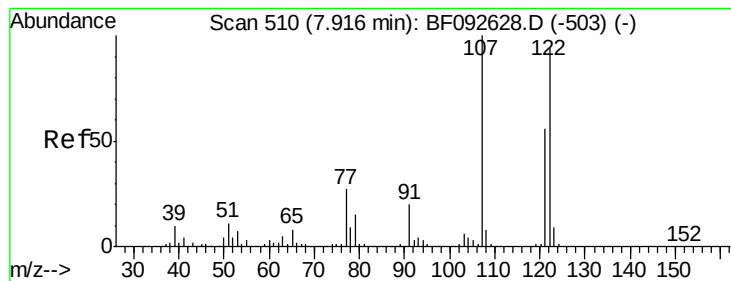
109 26.0 23.3 34.9

65 50.4 42.7 64.1



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





#27

2,4-Dimethylphenol

Concen: 49.30 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

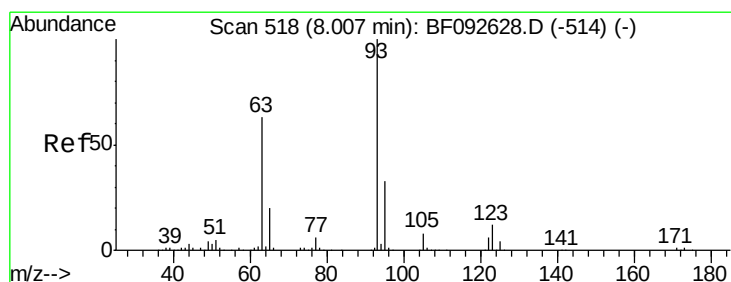
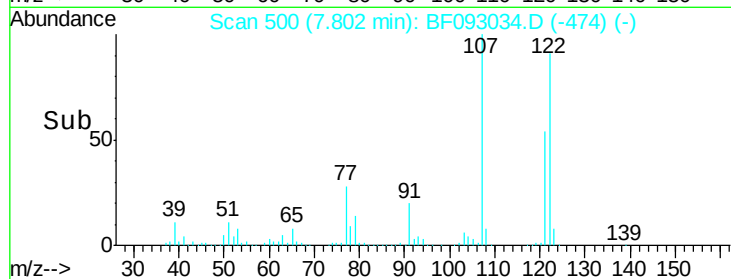
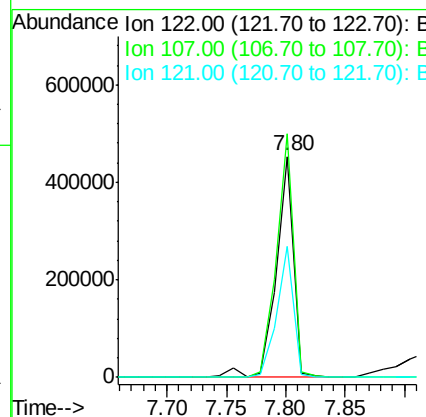
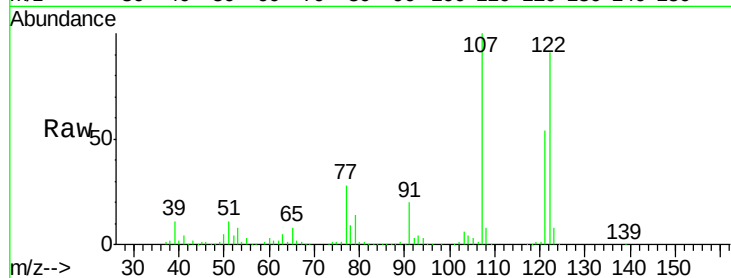
Tgt Ion:122 Resp: 463859

Ion Ratio Lower Upper

122 100

107 110.1 94.1 141.1

121 59.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 45.80 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

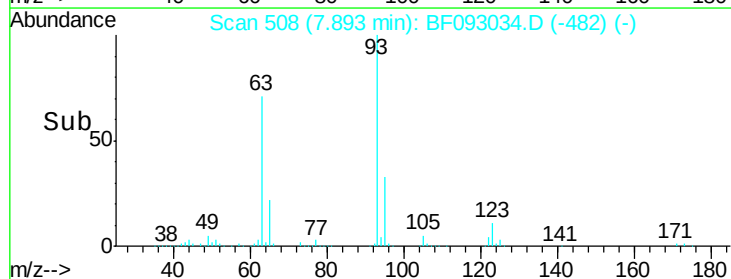
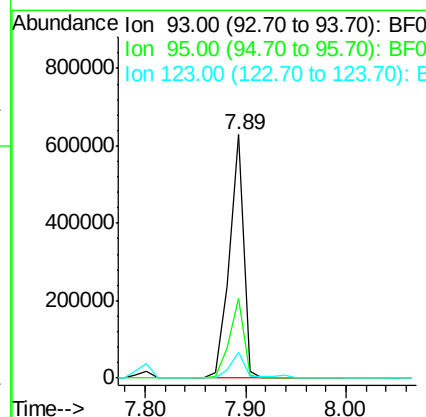
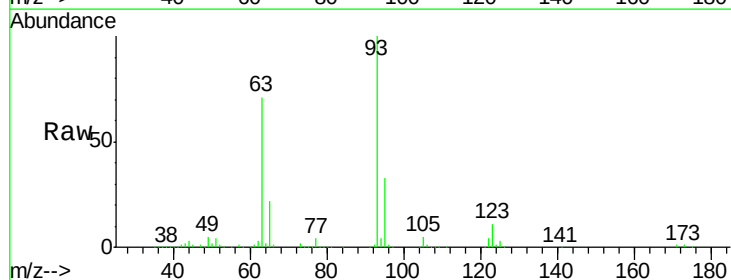
Tgt Ion: 93 Resp: 620449

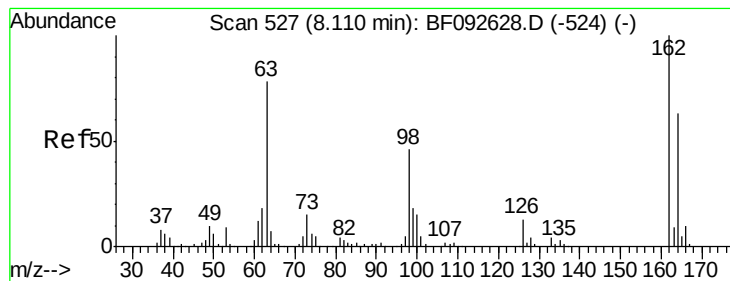
Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

123 10.7 8.6 13.0

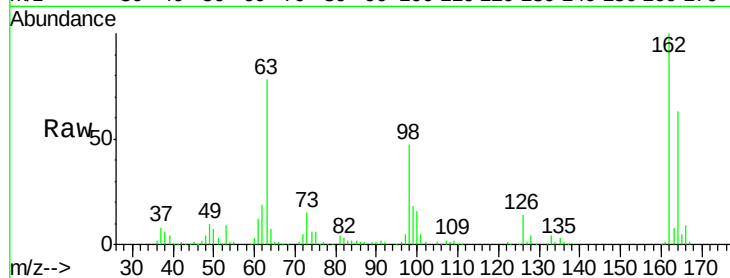




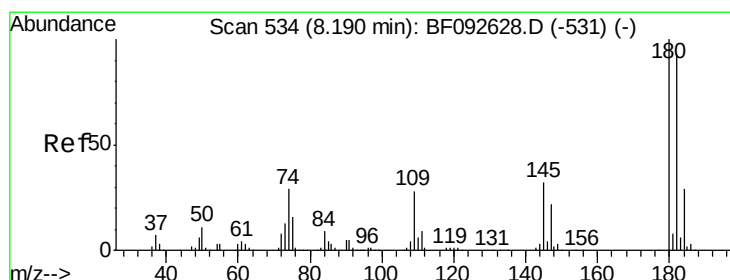
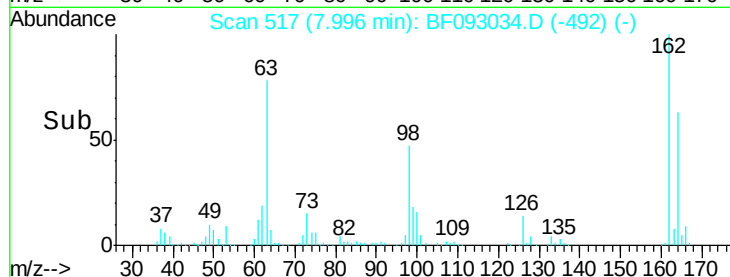
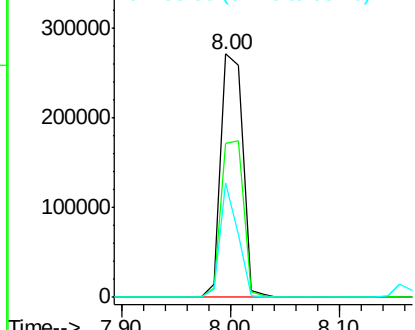
#29
 2,4-Dichlorophenol
 Concen: 43.52 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB97034BS

Tgt Ion:162 Resp: 381871
 Ion Ratio Lower Upper
 162 100
 164 63.2 46.8 86.8
 98 47.0 9.1 49.1

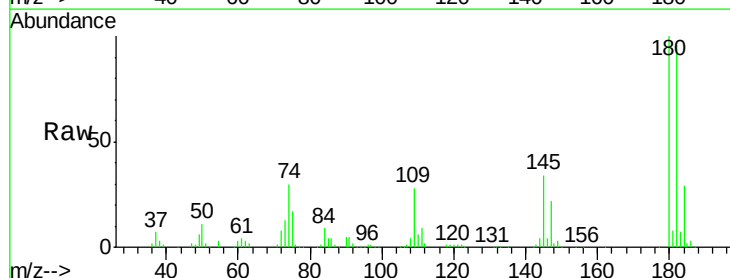


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

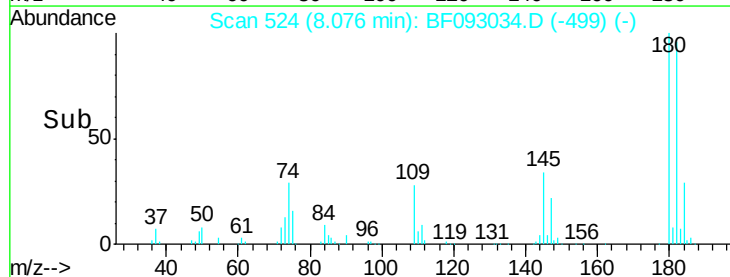
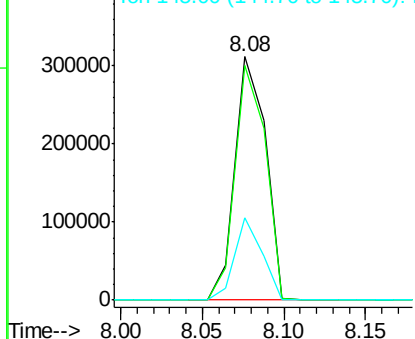


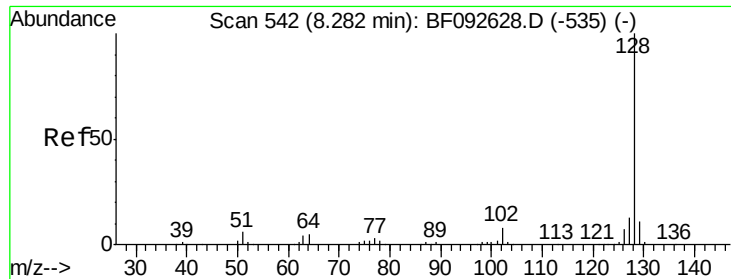
#30
 1,2,4-Trichlorobenzene
 Concen: 42.71 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

Tgt Ion:180 Resp: 403912
 Ion Ratio Lower Upper
 180 100
 182 96.3 78.2 117.4
 145 33.7 21.6 32.4#



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

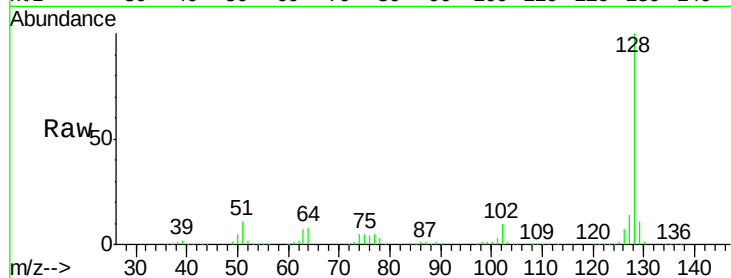




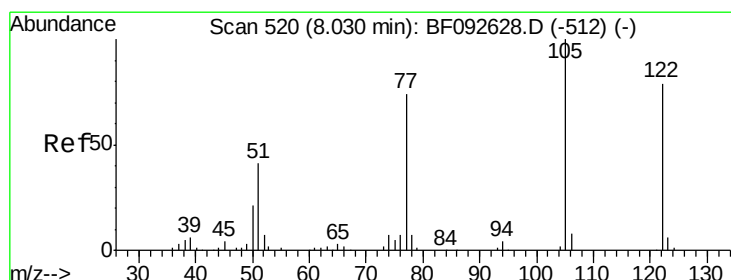
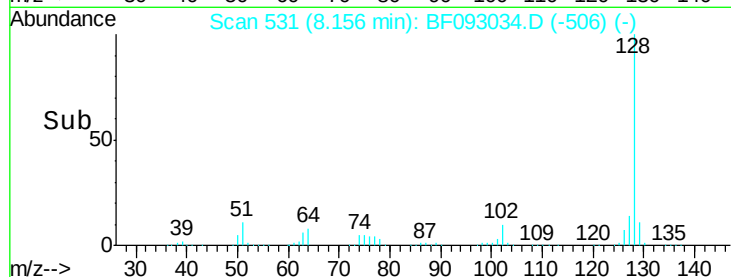
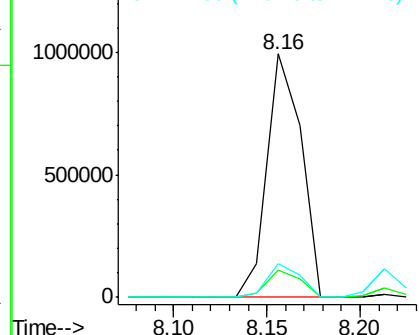
#31
Naphthalene
Concen: 40.71 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Instrument :
BNA_F
ClientSampleId :
PB97034BS

Tgt Ion:128 Resp: 1261367
Ion Ratio Lower Upper
128 100
129 11.3 9.5 14.3
127 13.7 10.8 16.2

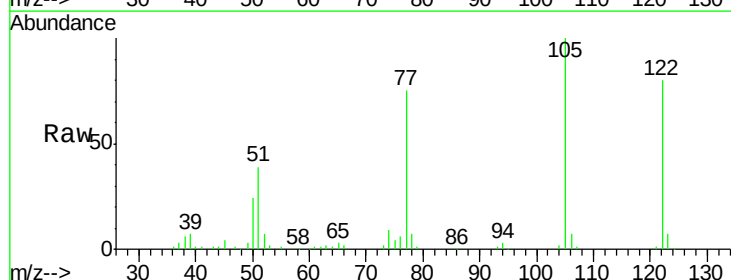


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

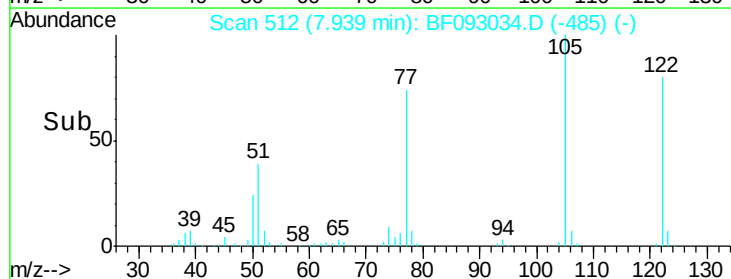
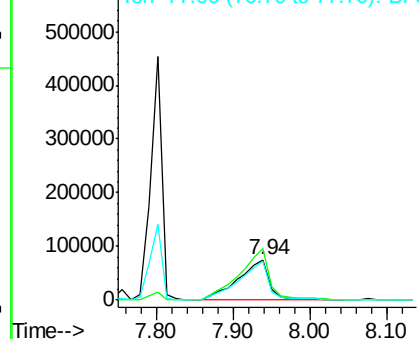


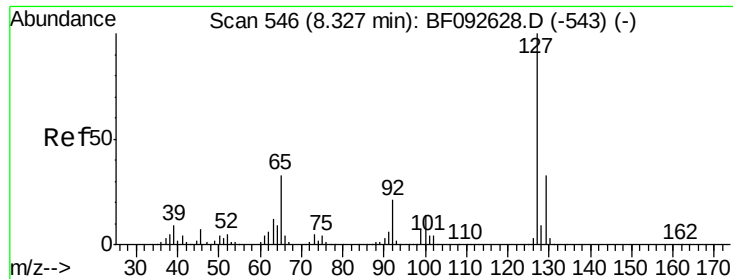
#32
Benzoic acid
Concen: 40.51 ng
RT: 7.94 min Scan# 512
Delta R.T. 0.01 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion:122 Resp: 208957
Ion Ratio Lower Upper
122 100
105 125.6 107.2 147.2
77 94.7 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

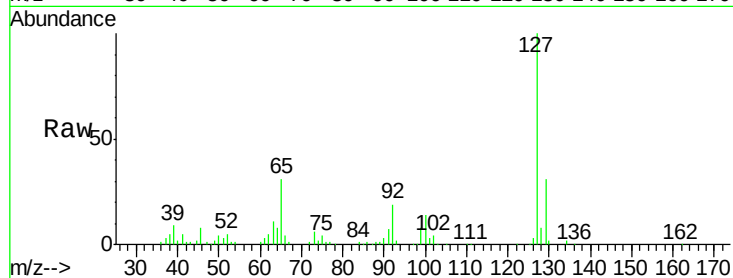




#33
4-Chloroaniline
Concen: 11.37 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Instrument :
BNA_F
ClientSampleId :
PB97034BS

Tgt Ion:	127	Resp:	138218
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.3	39.5
65	31.2	25.8	38.8
92	19.2	16.1	24.1



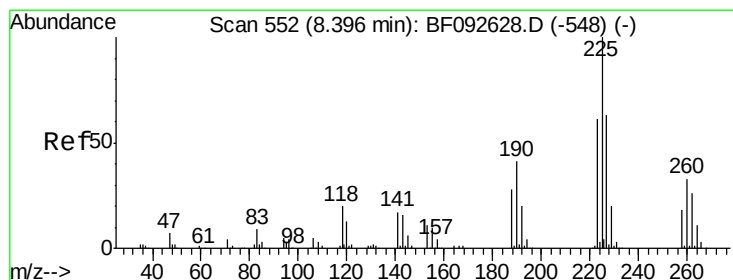
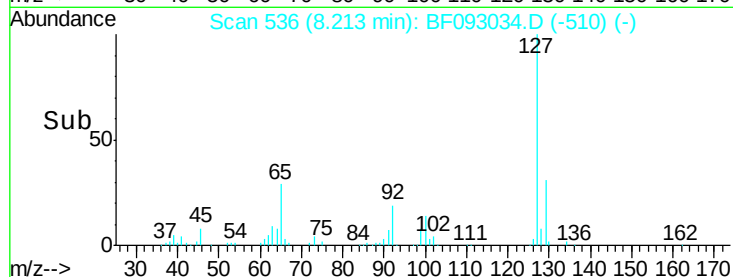
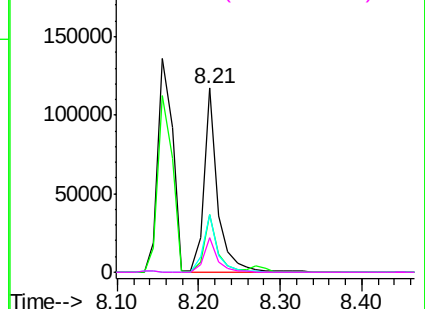
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

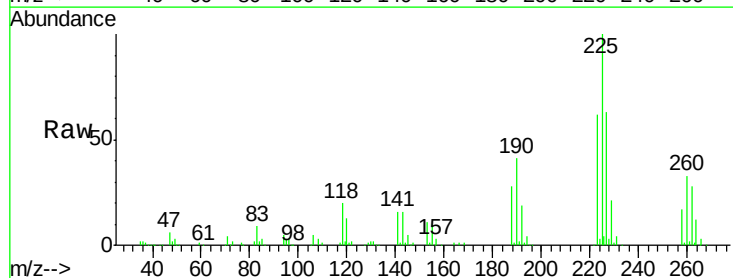
Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34
Hexachlorobutadiene
Concen: 42.26 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion:	225	Resp:	219865
Ion	Ratio	Lower	Upper
225	100		
223	61.9	51.0	76.6
227	63.0	50.6	76.0

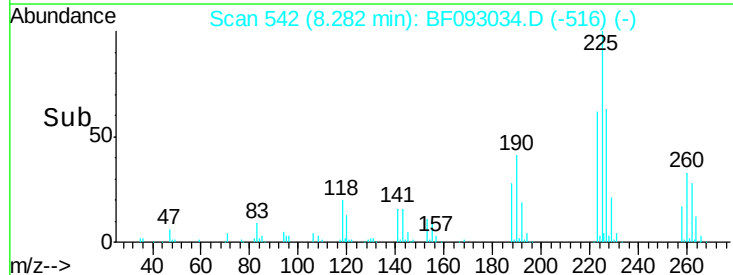
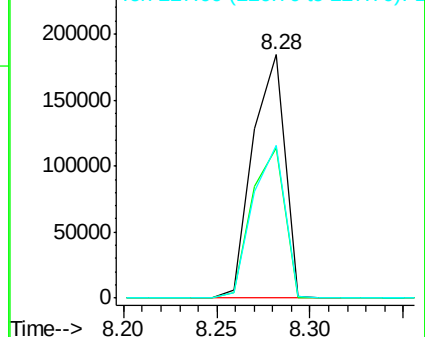


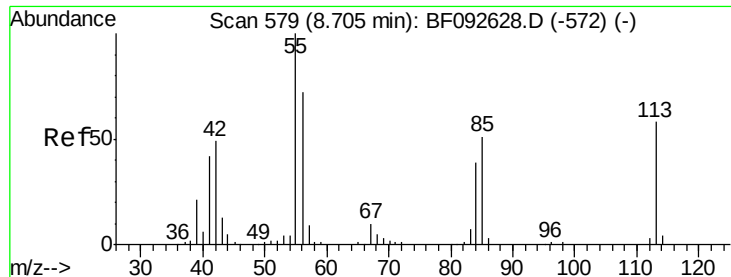
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

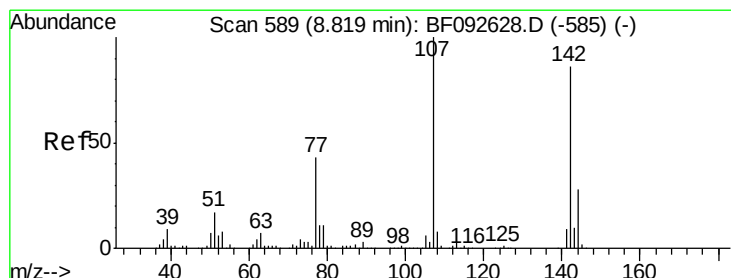
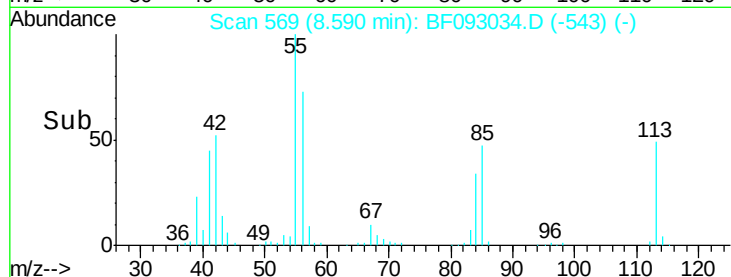
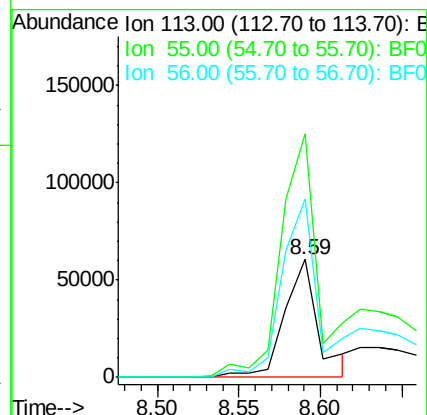
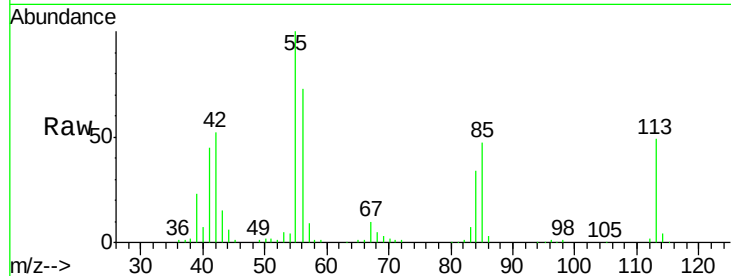




#35
 Caprolactam
 Concen: 31.55 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

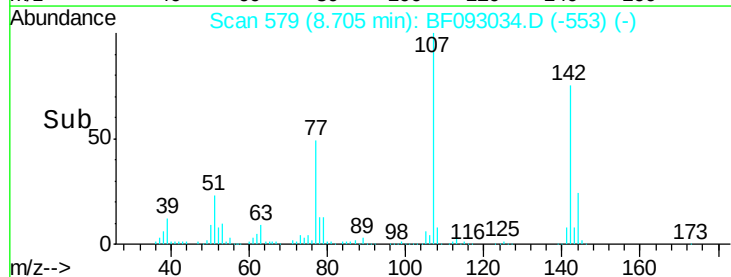
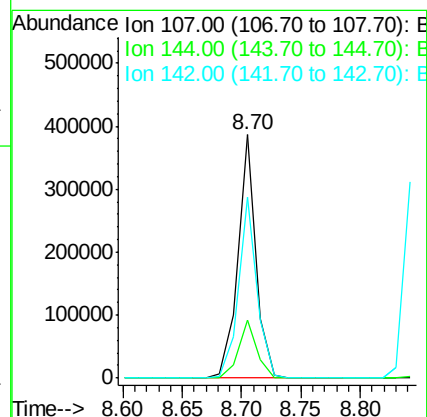
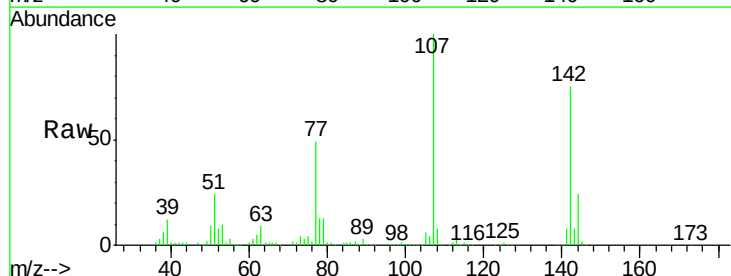
Instrument :
 BNA_F
 ClientSampleId :
 PB97034BS

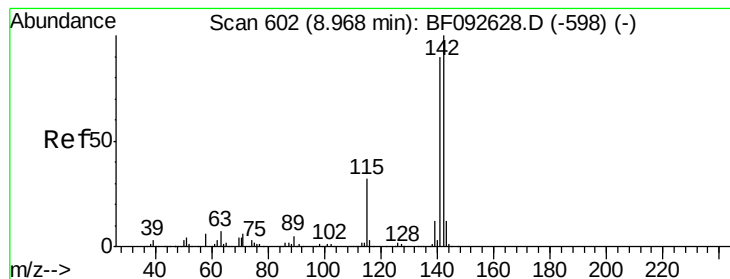
Tgt Ion:113 Resp: 87096
 Ion Ratio Lower Upper
 113 100
 55 206.2 119.2 159.2#
 56 151.4 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 44.75 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

Tgt Ion:107 Resp: 409374
 Ion Ratio Lower Upper
 107 100
 144 23.8 19.3 28.9
 142 74.5 59.0 88.6





#37

2-Methylnaphthalene

Concen: 45.50 ng

RT: 8.85 min Scan# 592

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

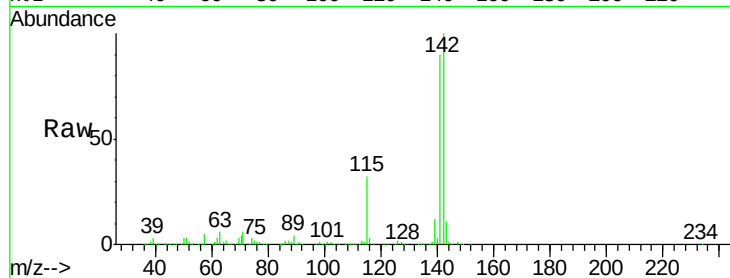
Tgt Ion:142 Resp: 905260

Ion Ratio Lower Upper

142 100

141 90.3 71.0 106.6

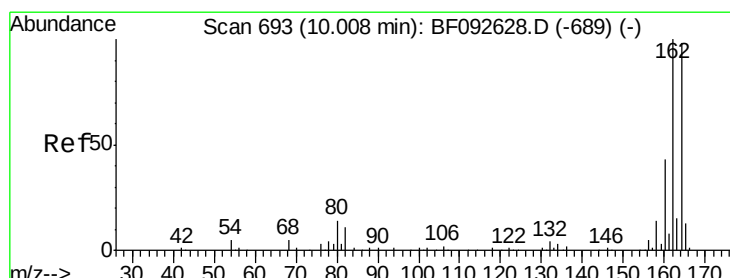
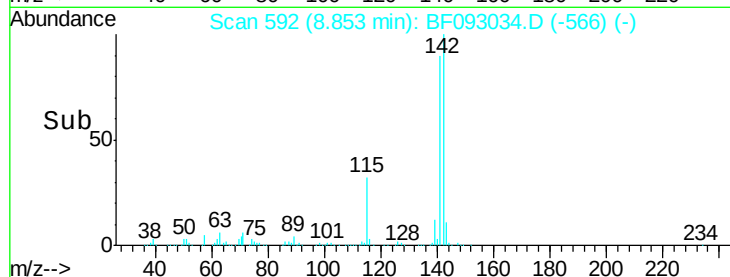
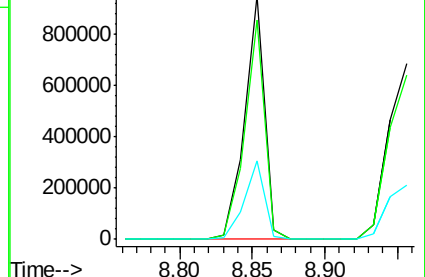
115 32.4 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.89 min Scan# 683

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

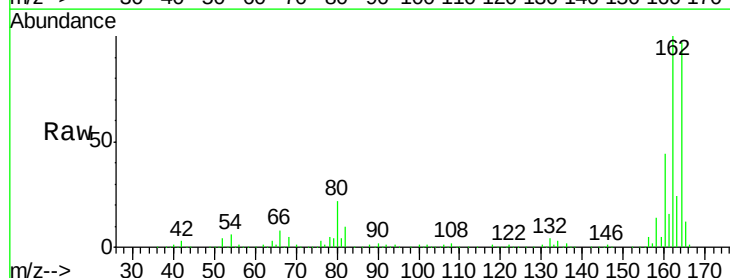
Tgt Ion:164 Resp: 298573

Ion Ratio Lower Upper

164 100

162 102.8 80.2 120.2

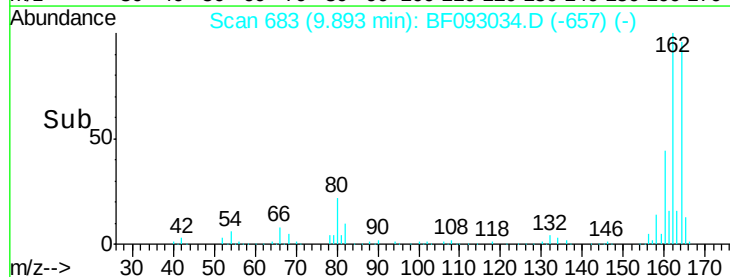
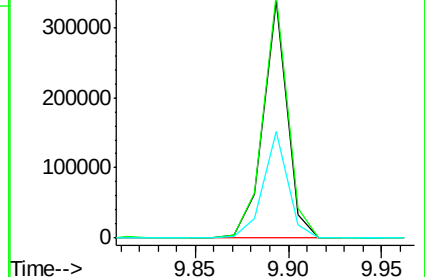
160 45.2 36.9 55.3

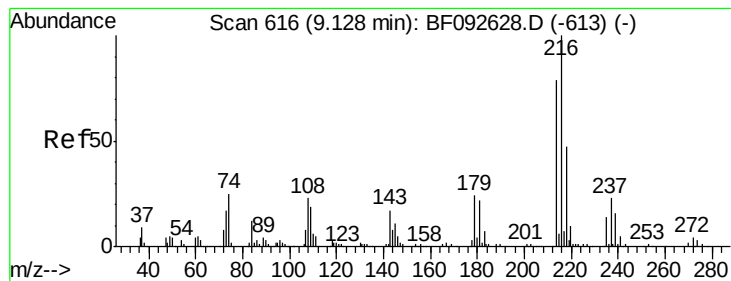


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 47.18 ng

RT: 9.02 min Scan# 607

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

Tgt Ion:216 Resp: 395422

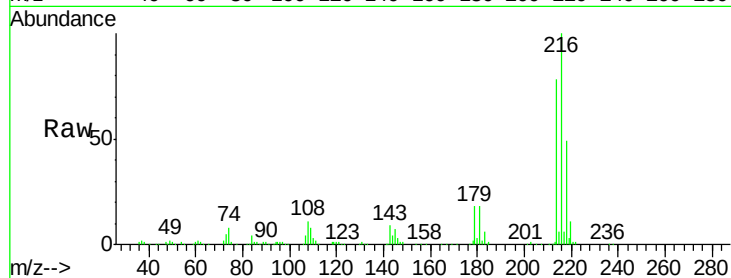
Ion Ratio Lower Upper

216 100

214 79.0 63.4 95.0

179 20.8 17.4 26.2

108 19.3 15.6 23.4

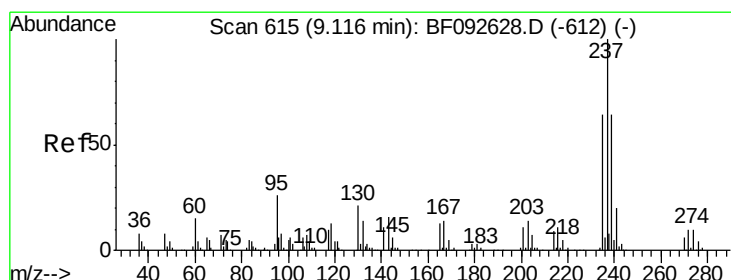
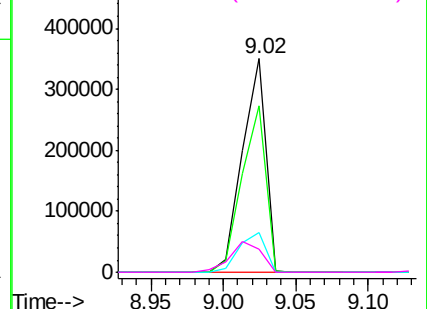
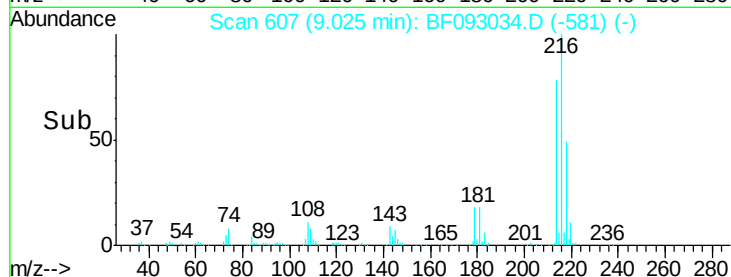


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 88.96 ng

RT: 9.00 min Scan# 605

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

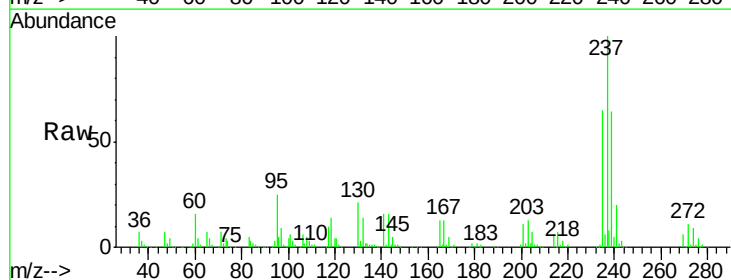
Tgt Ion:237 Resp: 336376

Ion Ratio Lower Upper

237 100

235 64.8 41.2 81.2

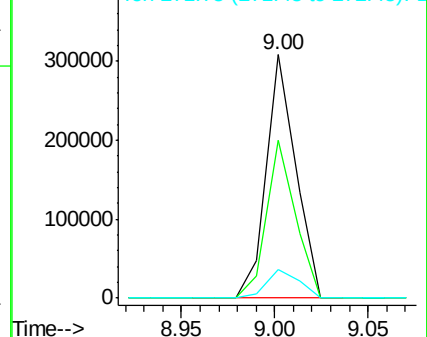
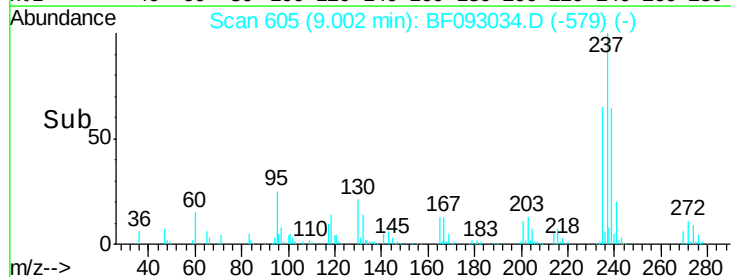
272 11.5 0.0 35.4

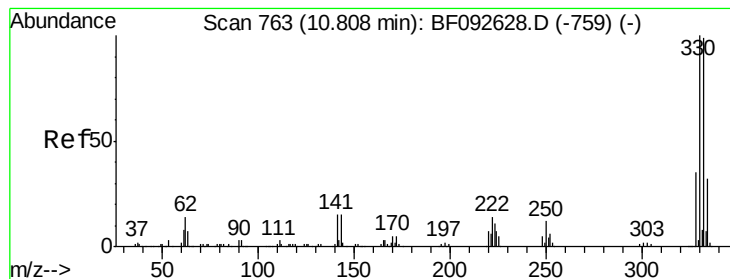


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

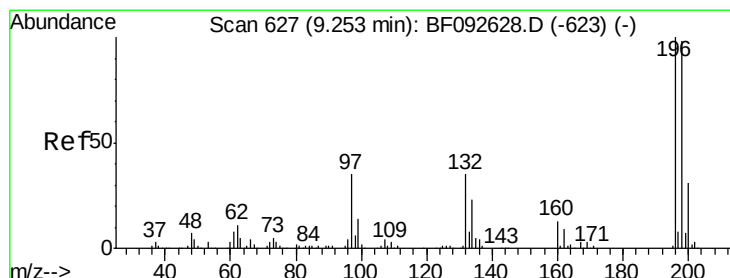
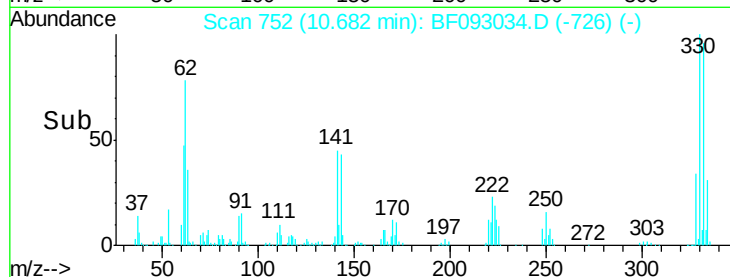
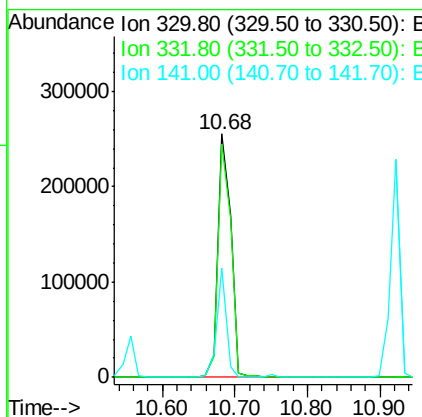
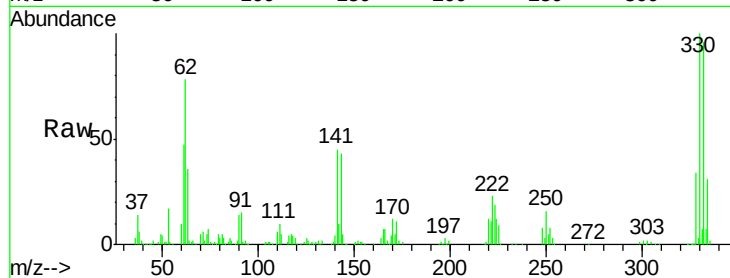




#41
 2,4,6-Tribromophenol
 Concen: 146.25 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

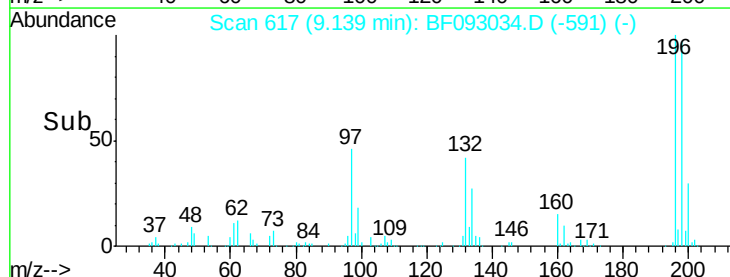
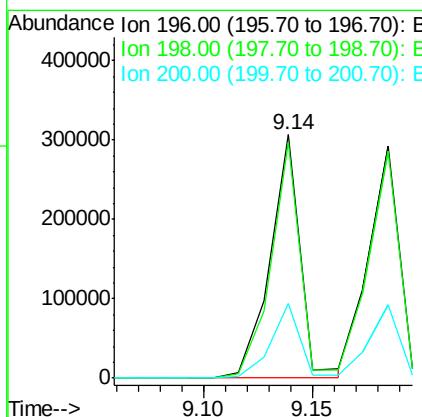
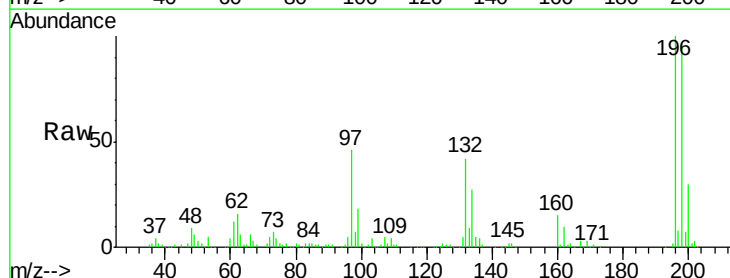
Instrument :
 BNA_F
 ClientSampleId :
 PB97034BS

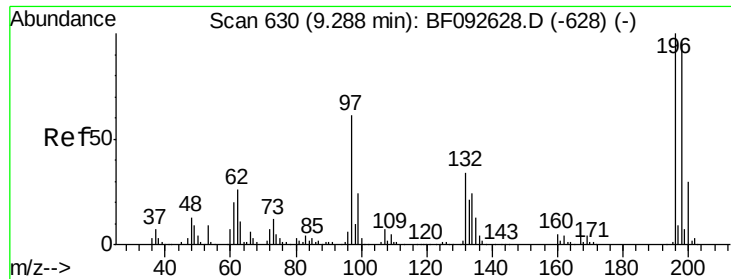
Tgt Ion:330 Resp: 315829
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 33.8 34.1 51.1#



#42
 2,4,6-Trichlorophenol
 Concen: 53.89 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

Tgt Ion:196 Resp: 296755
 Ion Ratio Lower Upper
 196 100
 198 97.0 82.1 123.1
 200 30.5 27.0 40.4

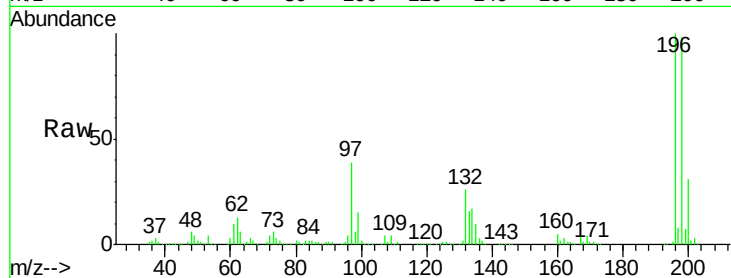




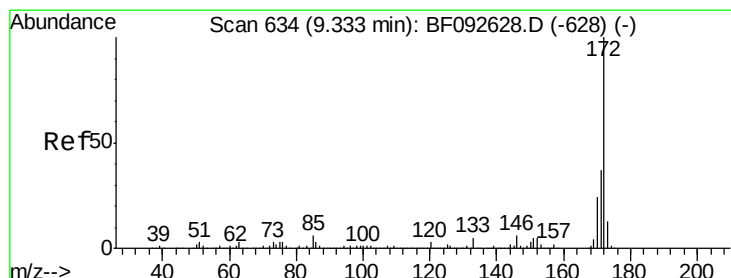
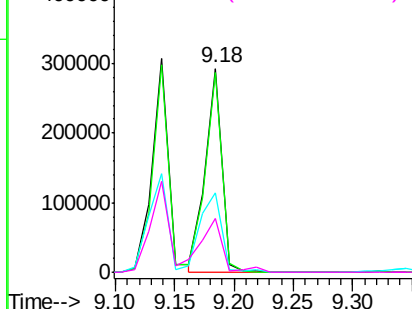
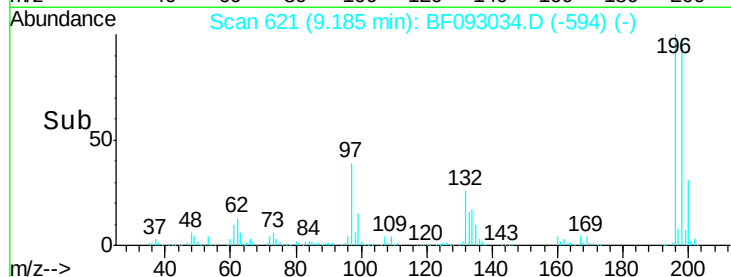
#43
 2,4,5-Trichlorophenol
 Concen: 47.99 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB97034BS

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.8	79.4	119.2
97	38.8	51.5	77.3#
132	26.2	27.4	41.2#

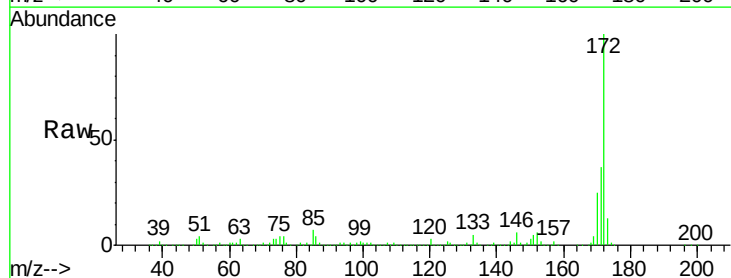


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

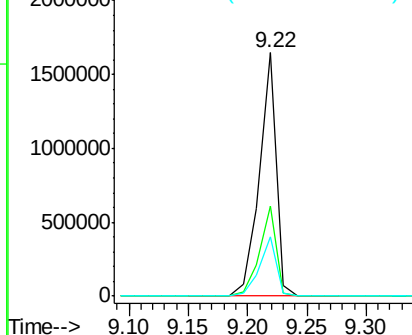
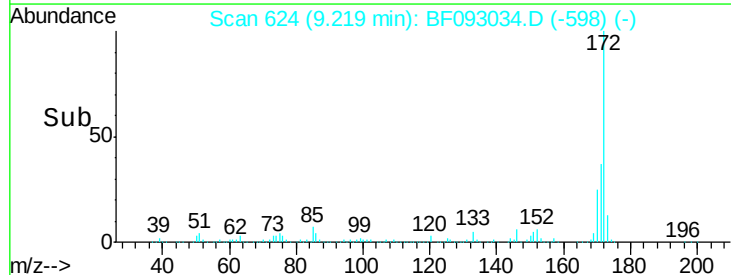


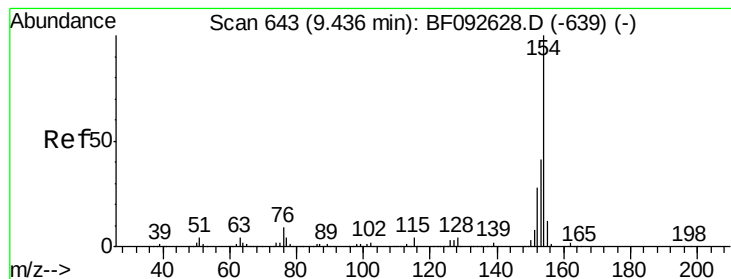
#44
 2-Fluorobiphenyl
 Concen: 99.78 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.4	44.0
170	24.6	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





#45

1,1'-Biphenyl

Concen: 50.34 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

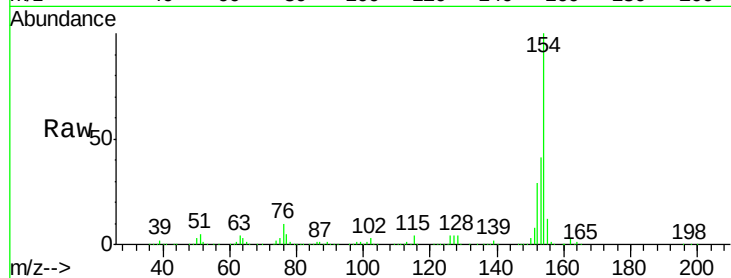
Tgt Ion:154 Resp: 1088376

Ion Ratio Lower Upper

154 100

153 41.1 20.9 60.9

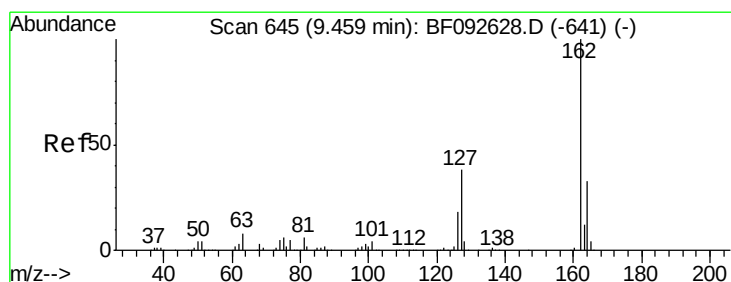
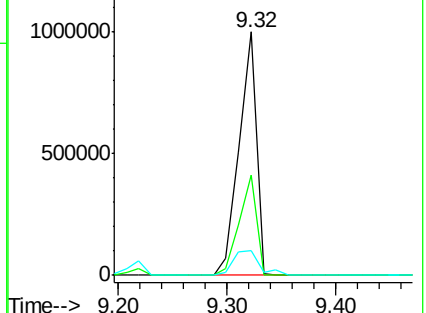
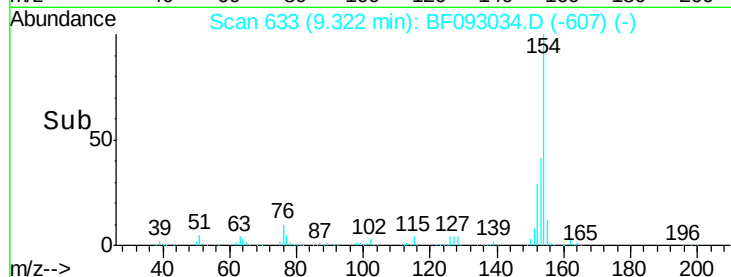
76 10.2 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 52.57 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

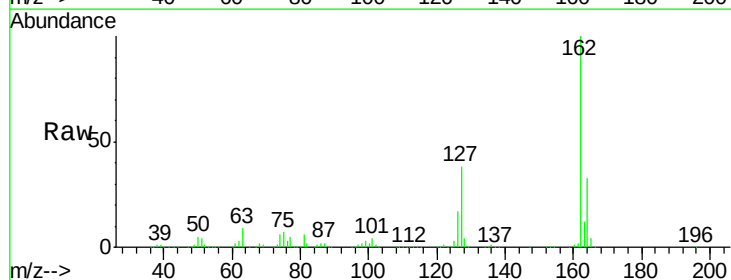
Tgt Ion:162 Resp: 889085

Ion Ratio Lower Upper

162 100

127 38.0 30.7 46.1

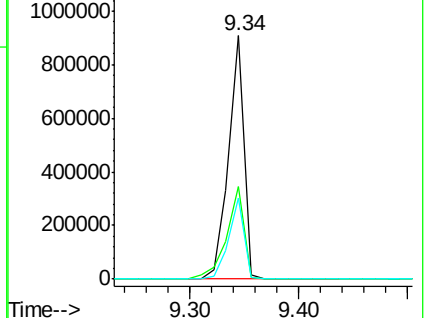
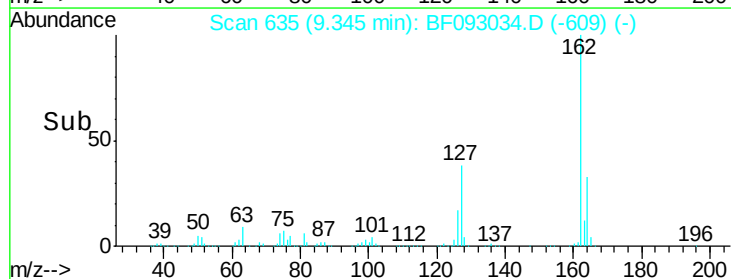
164 33.4 27.6 41.4

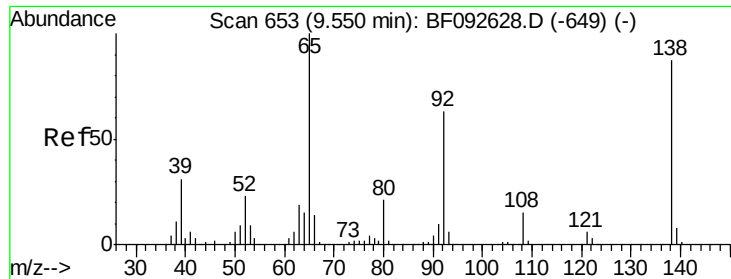


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

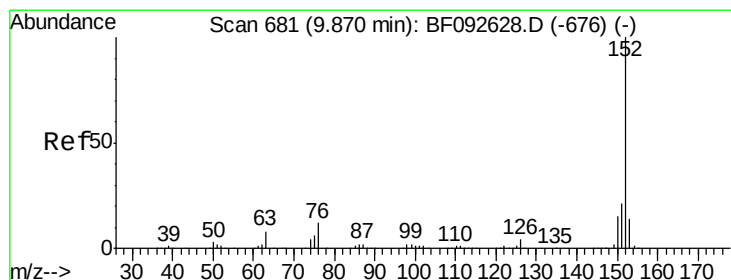
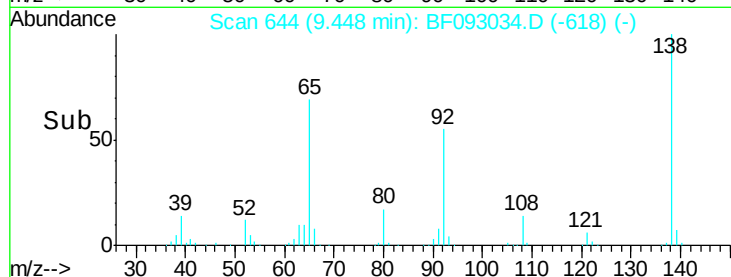
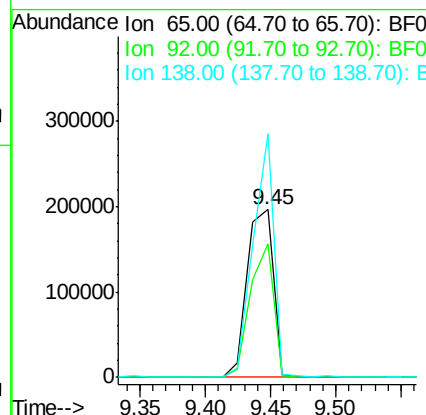
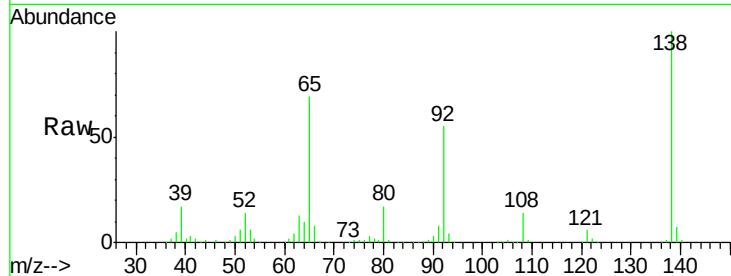




#47
 2-Nitroaniline
 Concen: 48.32 ng
 RT: 9.45 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

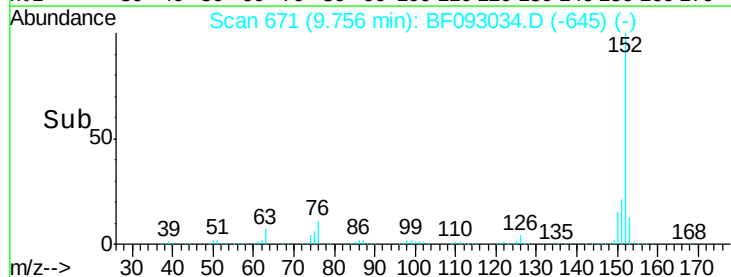
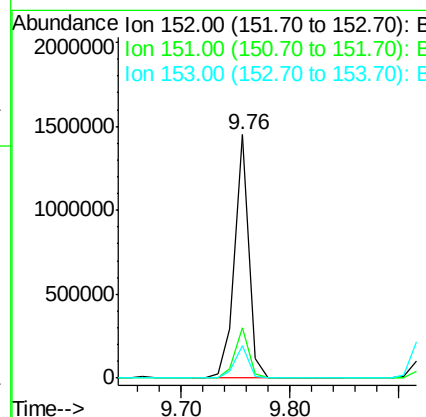
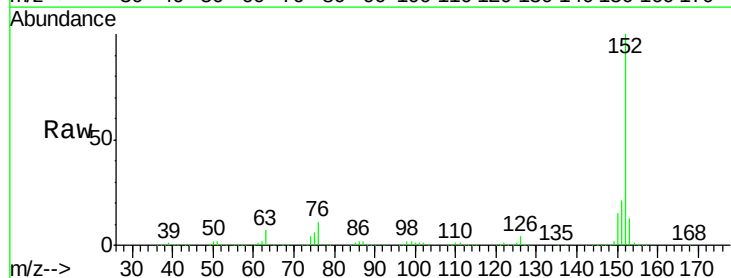
Instrument :
 BNA_F
 ClientSampleId :
 PB97034BS

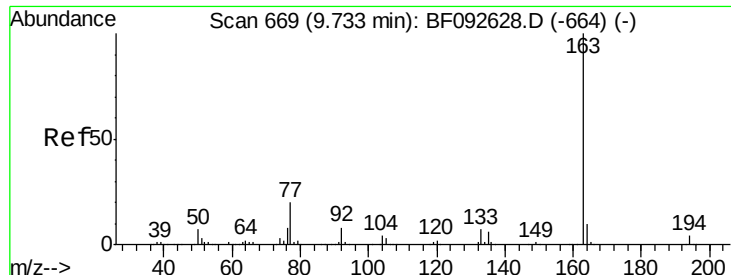
Tgt Ion: 65 Resp: 274783
 Ion Ratio Lower Upper
 65 100
 92 79.4 53.9 80.9
 138 145.1 76.8 115.2#



#48
 Acenaphthylene
 Concen: 44.42 ng
 RT: 9.76 min Scan# 671
 Delta R.T. -0.00 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

Tgt Ion: 152 Resp: 1297887
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.9 25.3
 153 13.3 11.4 17.2





#49

Dimethylphthalate

Concen: 47.16 ng

RT: 9.62 min Scan# 659

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

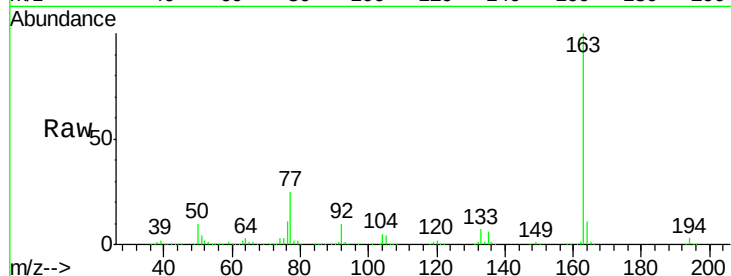
Tgt Ion:163 Resp: 948411

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

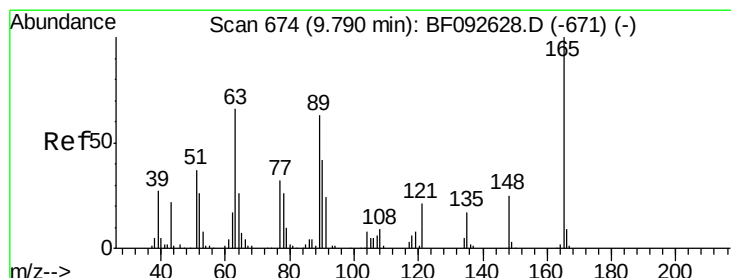
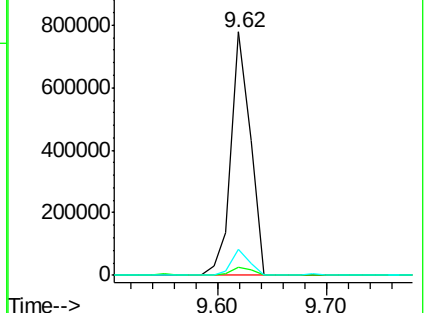
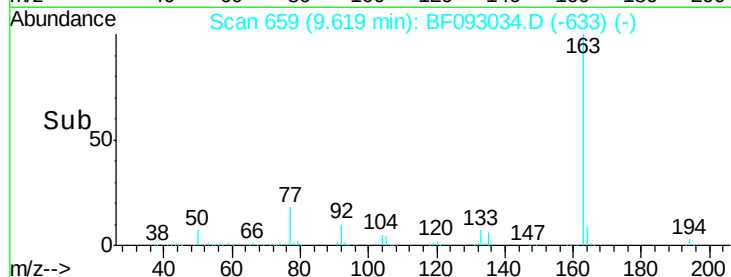
164 10.7 8.0 12.0



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



#50

2,6-Dinitrotoluene

Concen: 55.82 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

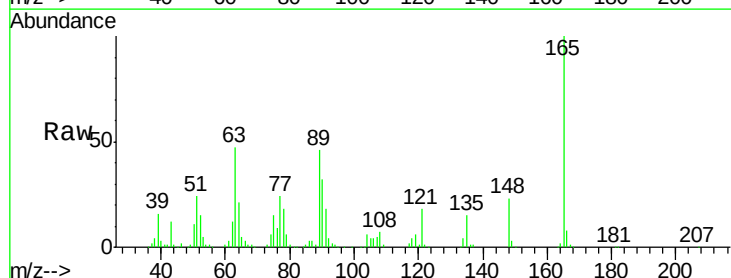
Tgt Ion:165 Resp: 242446

Ion Ratio Lower Upper

165 100

63 47.3 36.2 54.4

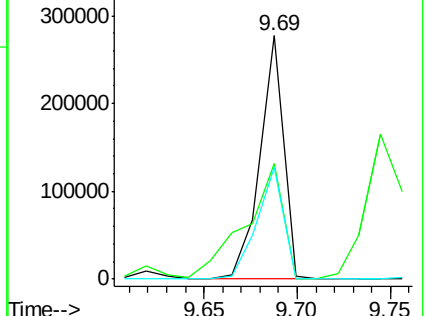
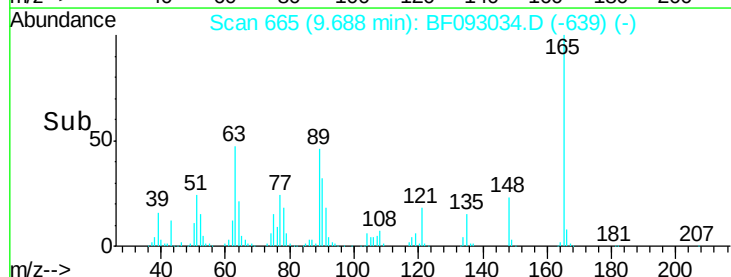
89 45.8 40.2 60.4

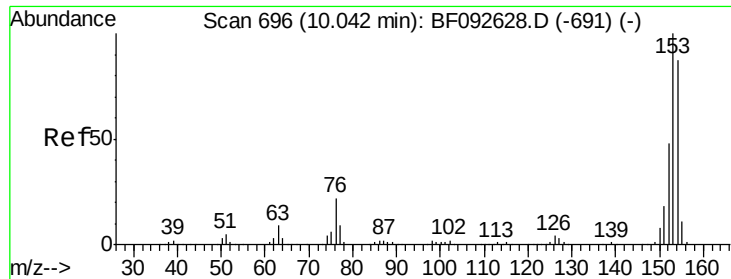


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.47 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

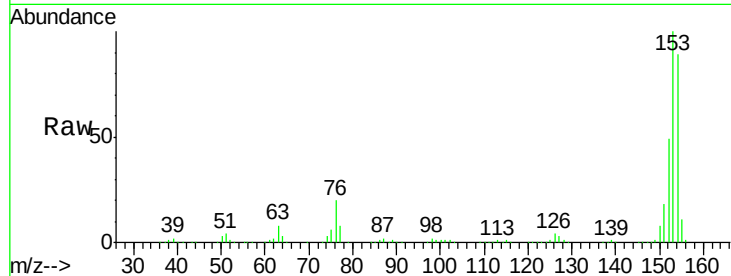
Tgt Ion:154 Resp: 759427

Ion Ratio Lower Upper

154 100

153 112.9 88.6 133.0

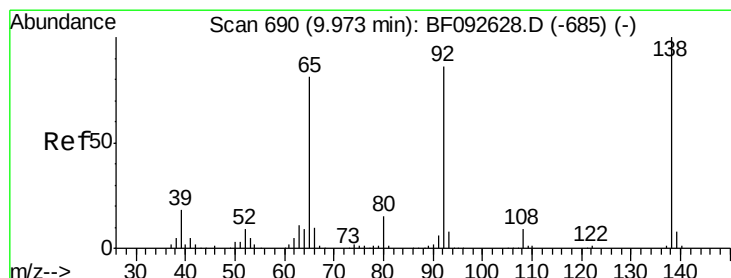
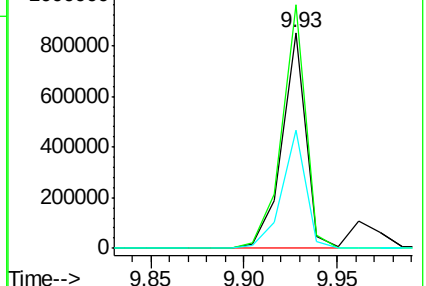
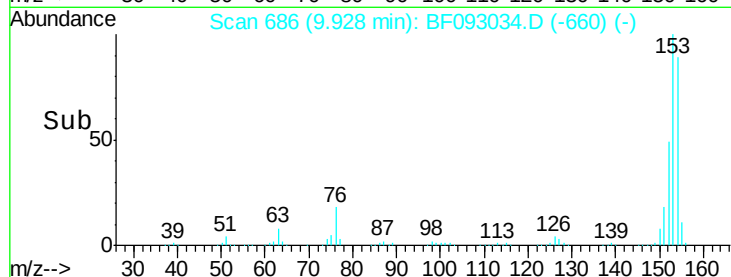
152 54.8 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.83 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

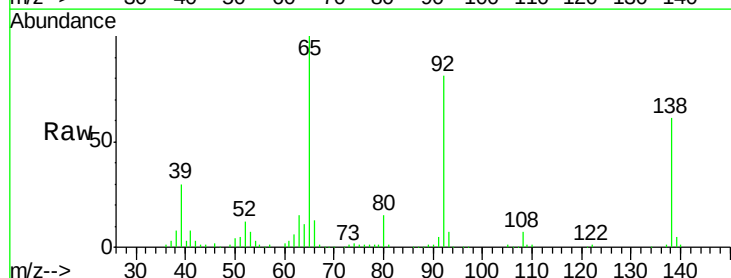
Tgt Ion:138 Resp: 98559

Ion Ratio Lower Upper

138 100

108 11.3 8.5 12.7

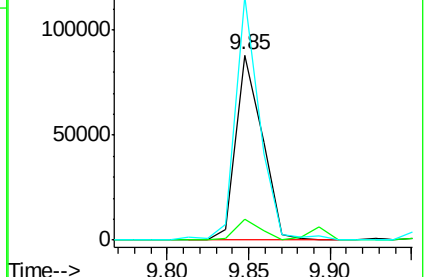
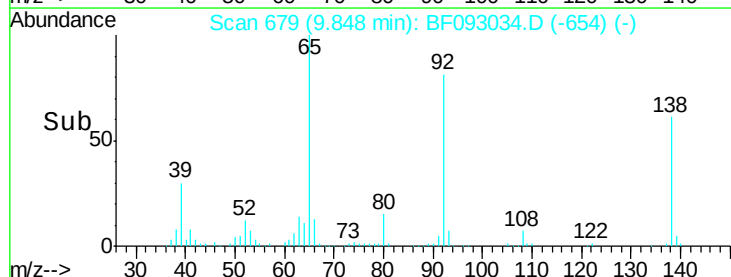
92 131.7 97.8 146.8

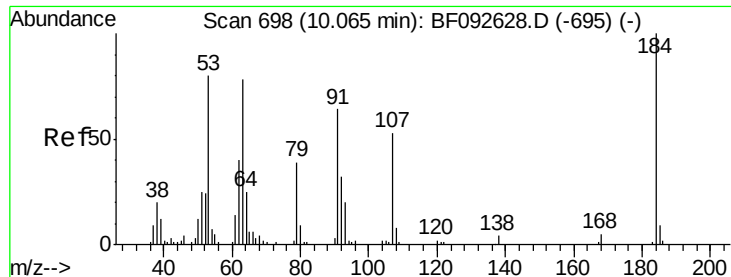


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

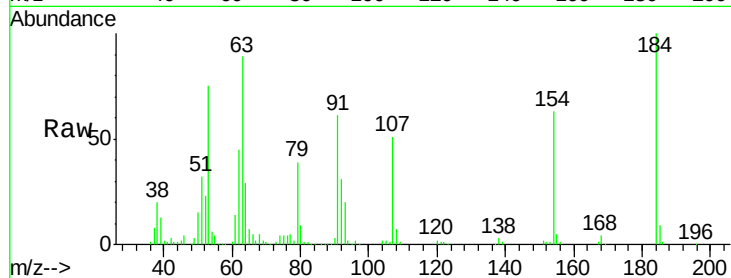




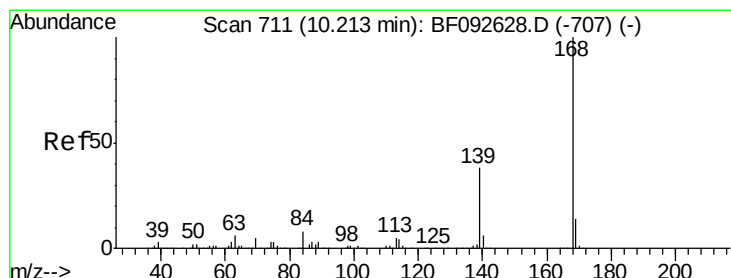
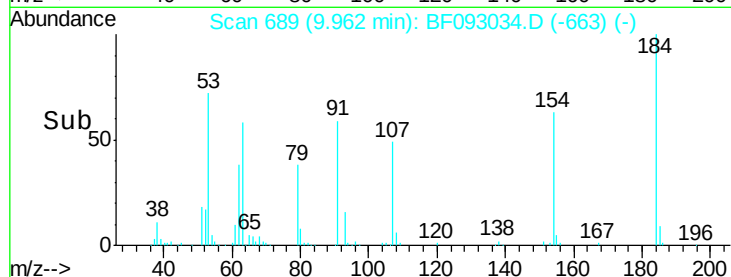
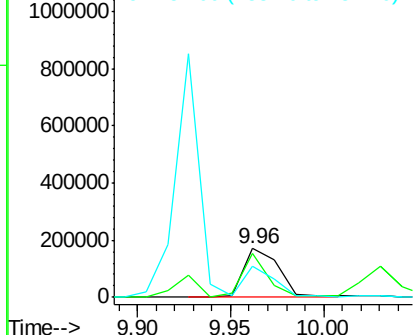
#53
2,4-Dinitrophenol
Concen: 101.70 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Instrument :
BNA_F
ClientSampleId :
PB97034BS

Tgt Ion:184 Resp: 227707
Ion Ratio Lower Upper
184 100
63 89.1 28.4 42.6#
154 63.0 44.3 66.5

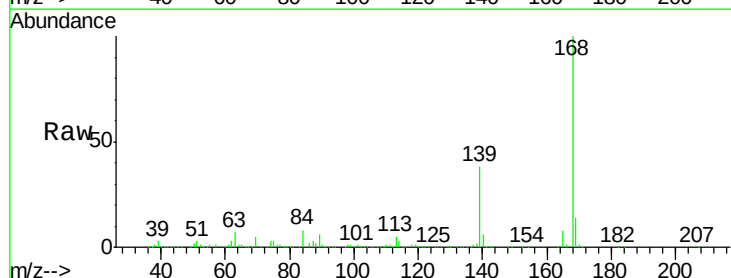


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

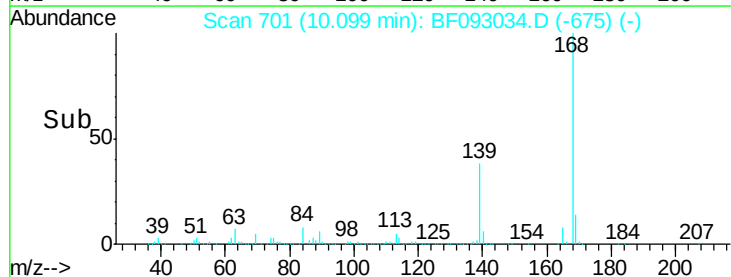
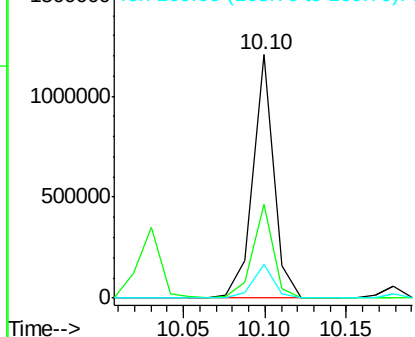


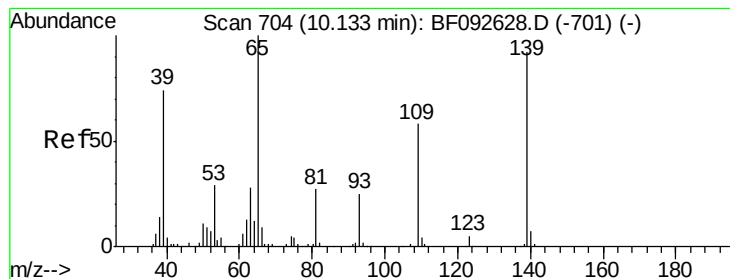
#54
Dibenzofuran
Concen: 46.13 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion:168 Resp: 1077681
Ion Ratio Lower Upper
168 100
139 38.4 32.6 49.0
169 13.7 11.3 16.9



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





#55

4-Nitrophenol

Concen: 95.42 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.01 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

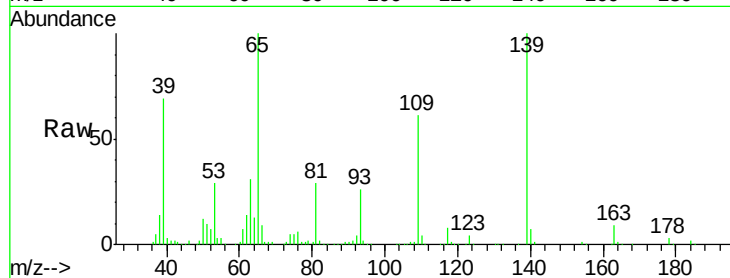
Tgt Ion:139 Resp: 341579

Ion Ratio Lower Upper

139 100

109 60.6 52.2 92.2

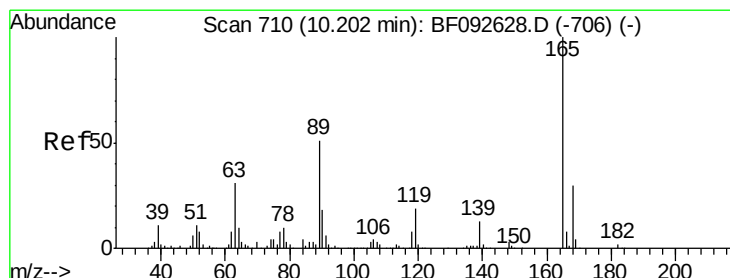
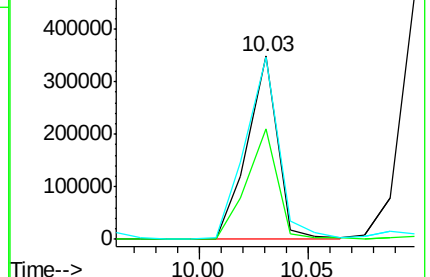
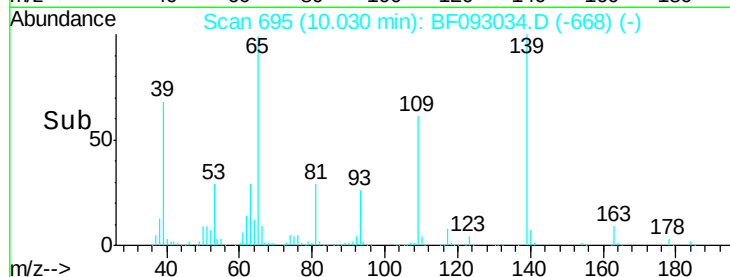
65 99.5 85.8 125.8



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: 44.36 ng

RT: 10.09 min Scan# 700

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Tgt Ion:165 Resp: 256498

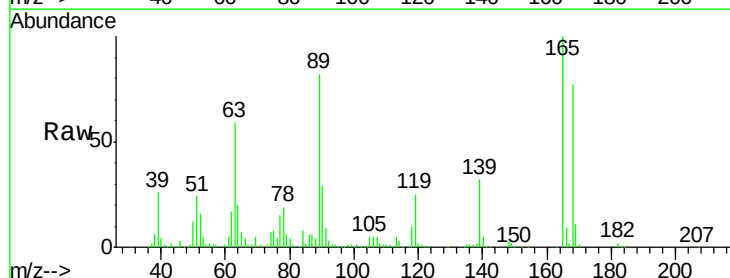
Ion Ratio Lower Upper

165 100

63 59.4 40.2 60.4

89 81.6 62.5 93.7

182 2.3 1.8 2.8

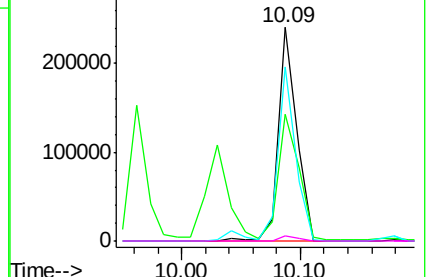
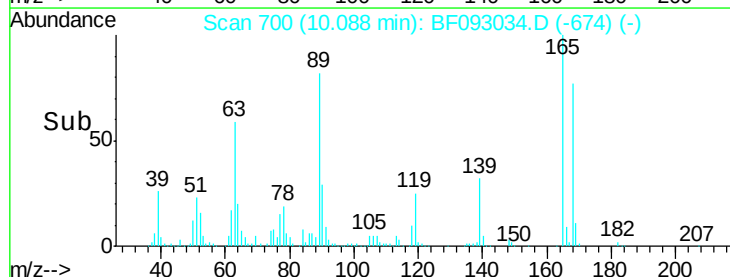


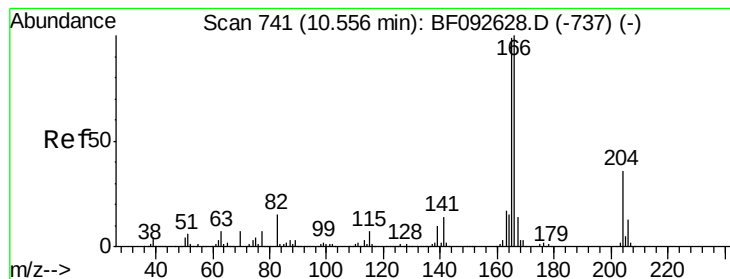
Abundance Ion 165.00 (164.70 to 165.70): E

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





#57

Fluorene

Concen: 48.55 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

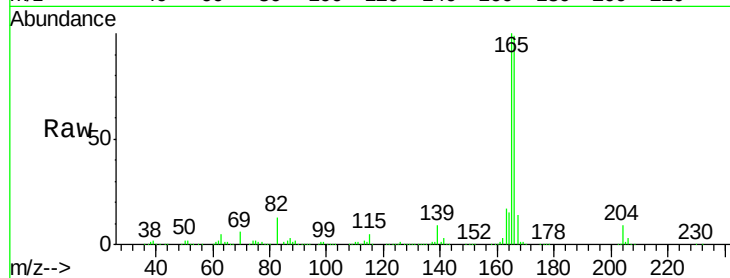
Tgt Ion:166 Resp: 872745

Ion Ratio Lower Upper

166 100

165 100.7 77.8 116.8

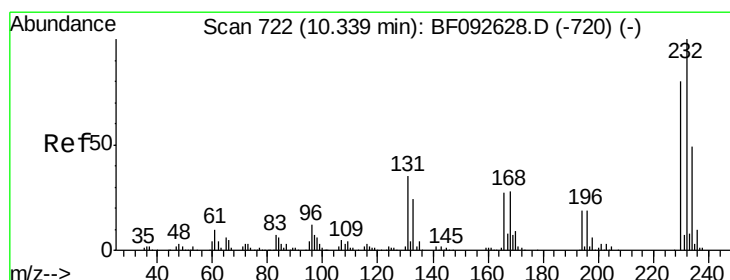
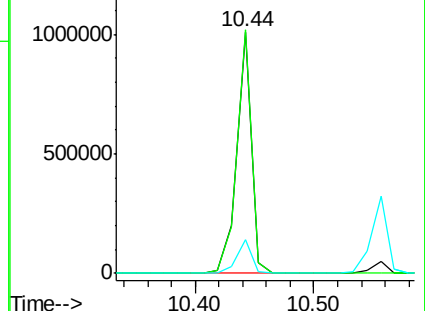
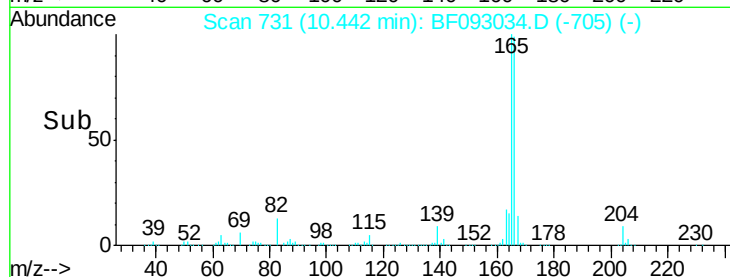
167 13.9 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 56.78 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Tgt Ion:232 Resp: 228554

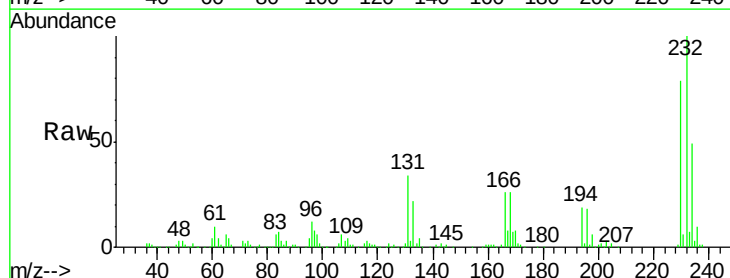
Ion Ratio Lower Upper

232 100

131 44.9 40.1 60.1

130 2.0 1.8 2.8

166 30.1 26.6 39.8

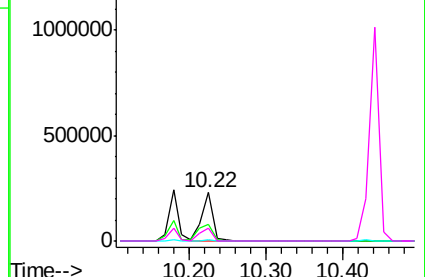
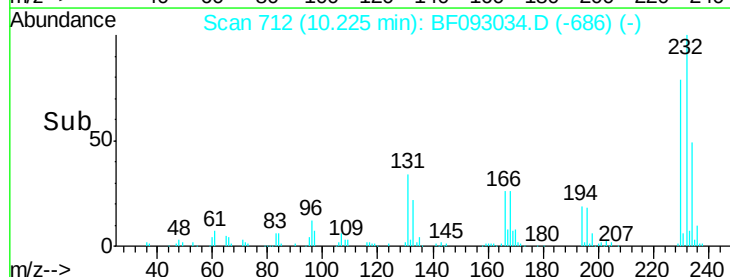


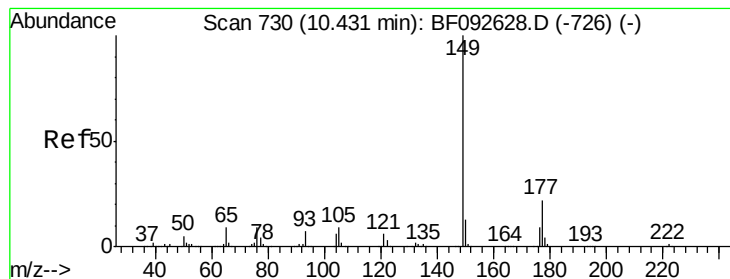
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 47.25 ng

RT: 10.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

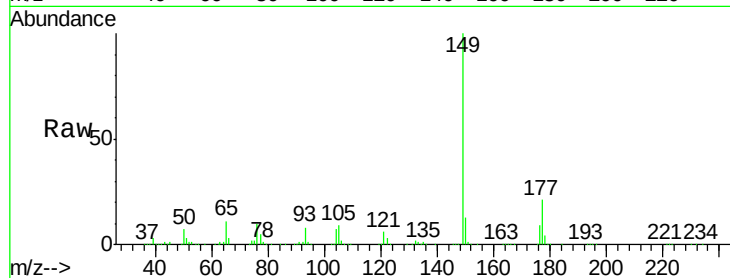
Tgt Ion:149 Resp: 895498

Ion Ratio Lower Upper

149 100

177 21.3 16.6 25.0

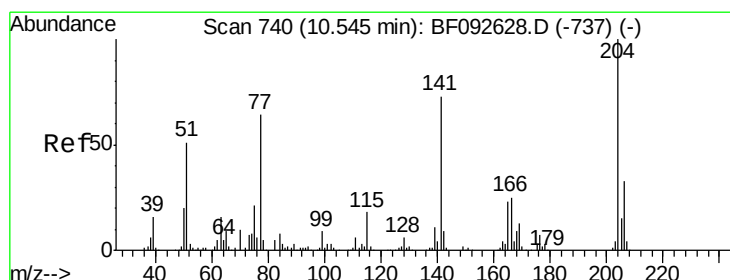
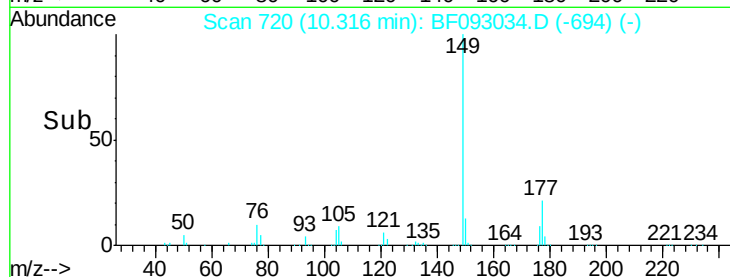
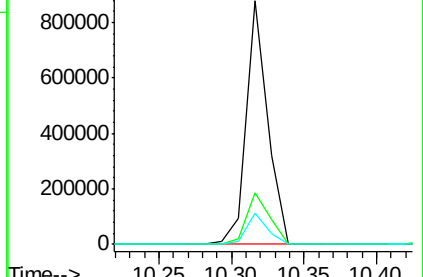
150 12.9 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.65 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

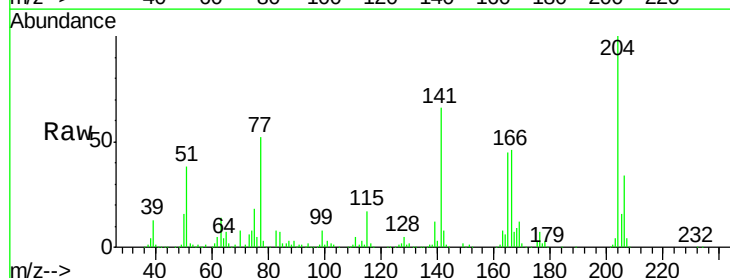
Tgt Ion:204 Resp: 376898

Ion Ratio Lower Upper

204 100

206 33.8 25.8 38.6

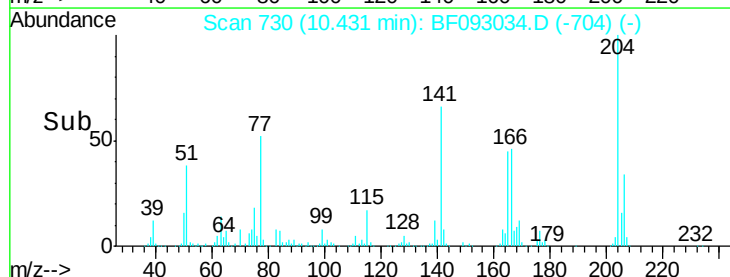
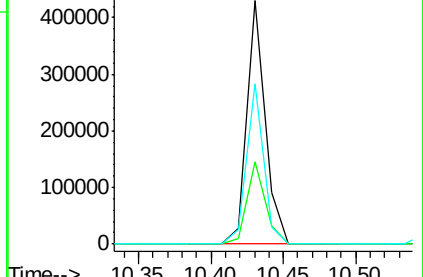
141 65.8 59.4 89.0

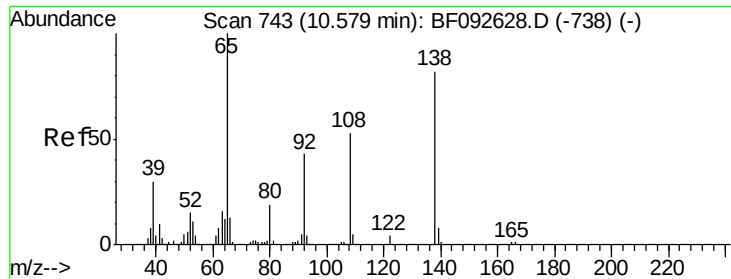


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

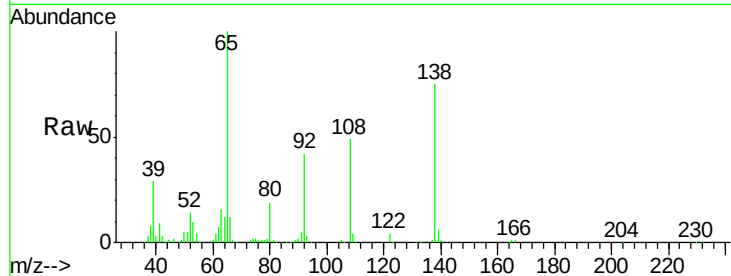




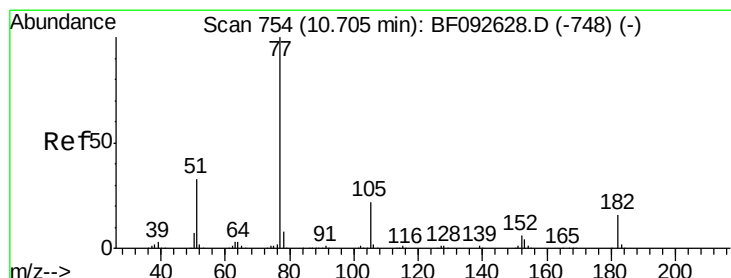
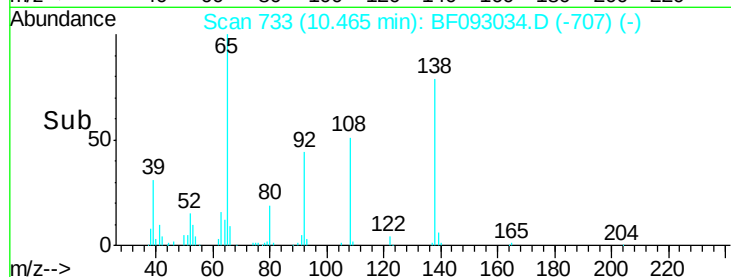
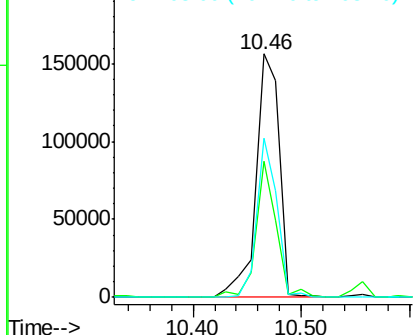
#61
4-Nitroaniline
Concen: 46.21 ng
RT: 10.46 min Scan# 733
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Instrument :
BNA_F
ClientSampleId :
PB97034BS

Tgt Ion:138 Resp: 235254
Ion Ratio Lower Upper
138 100
92 55.7 31.7 71.7
108 65.4 52.6 92.6

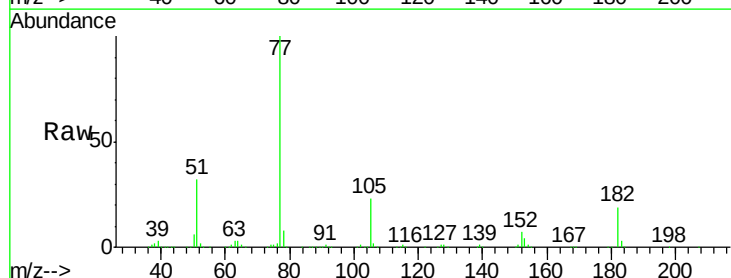


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

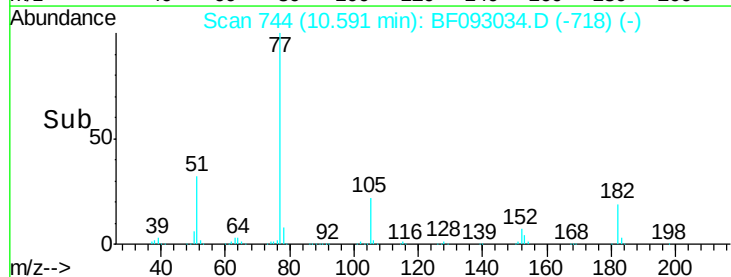
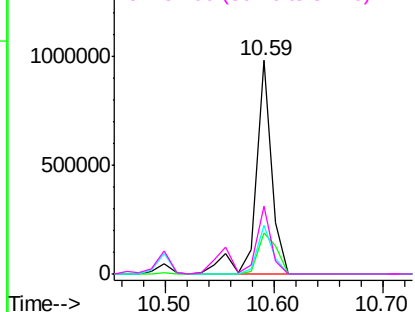


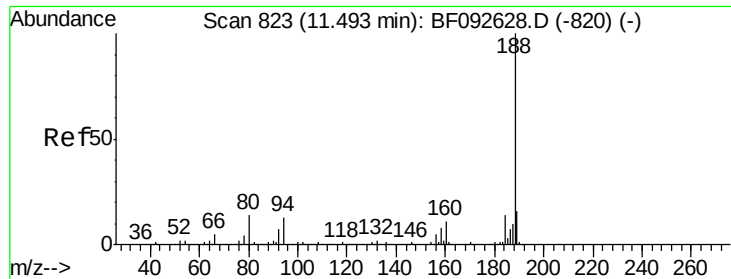
#62
Azobenzene
Concen: 51.76 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion: 77 Resp: 1013412
Ion Ratio Lower Upper
77 100
182 19.3 0.0 39.3
105 22.5 2.3 42.3
51 31.8 8.9 48.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

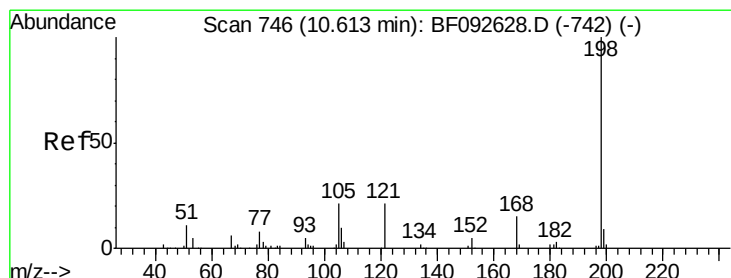
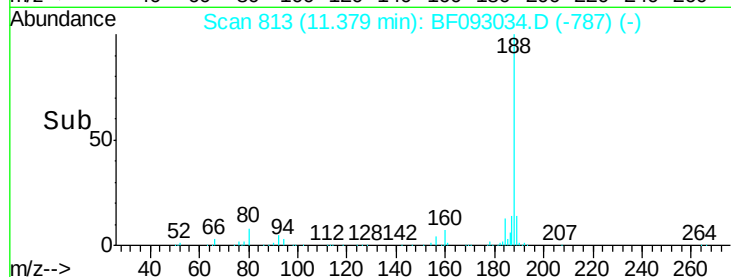
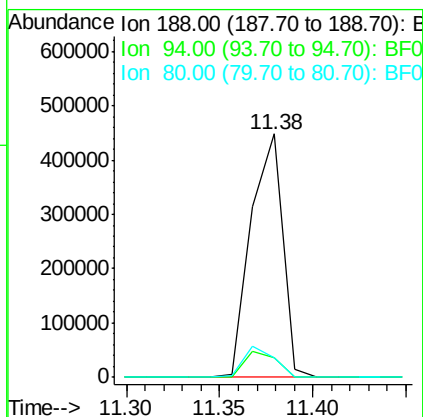
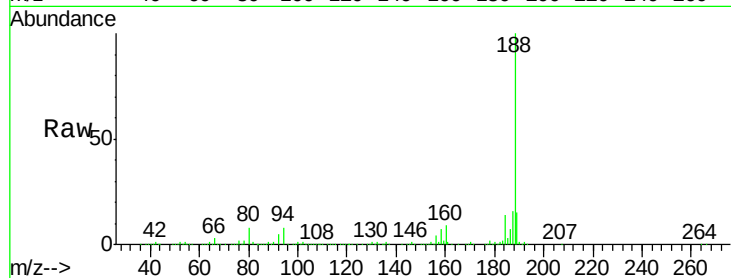




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

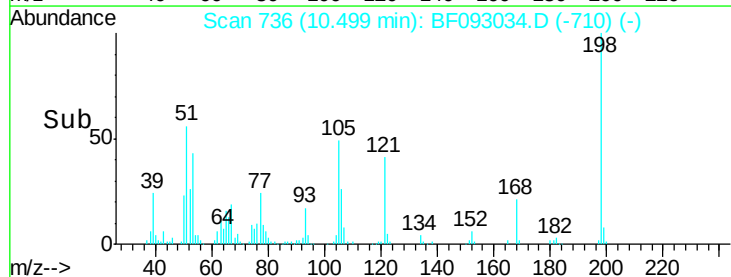
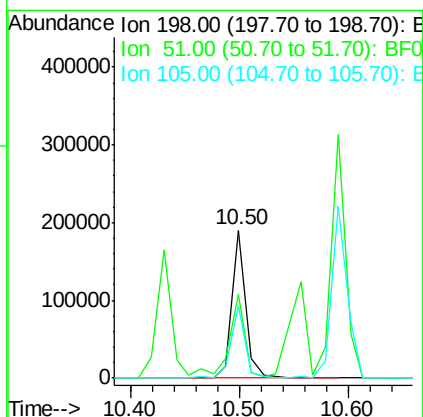
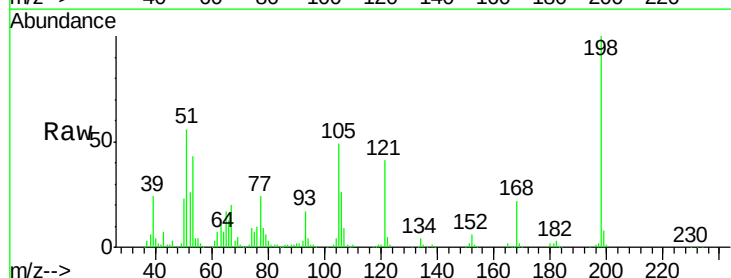
Instrument :
BNA_F
ClientSampleId :
PB97034BS

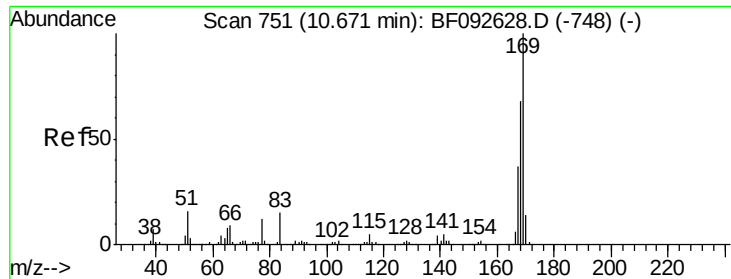
Tgt Ion:188 Resp: 538448
Ion Ratio Lower Upper
188 100
94 8.3 10.0 15.0#
80 8.2 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 50.22 ng
RT: 10.50 min Scan# 736
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion:198 Resp: 165021
Ion Ratio Lower Upper
198 100
51 56.2 6.7 46.7#
105 49.1 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 46.70 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

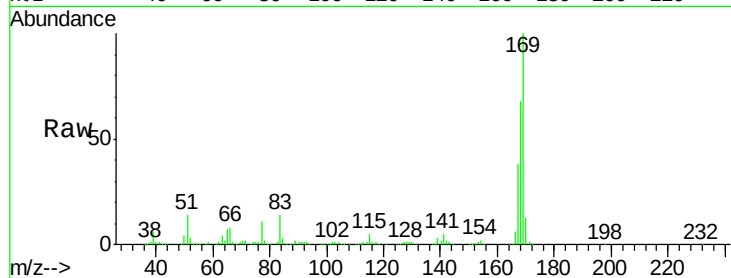
Tgt Ion:169 Resp: 803316

Ion Ratio Lower Upper

169 100

168 68.2 54.2 81.2

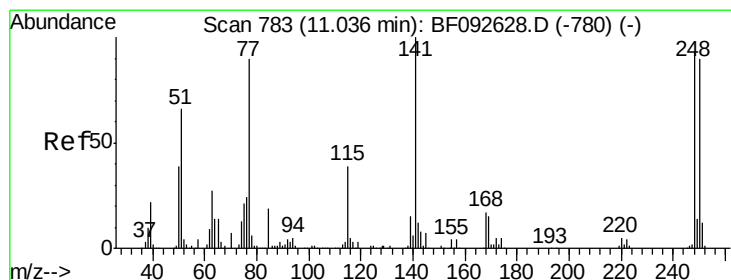
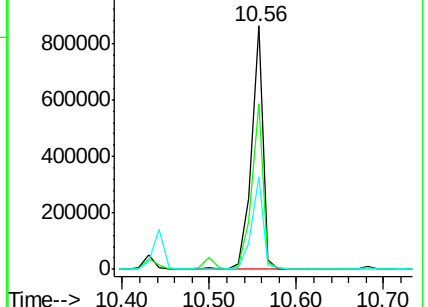
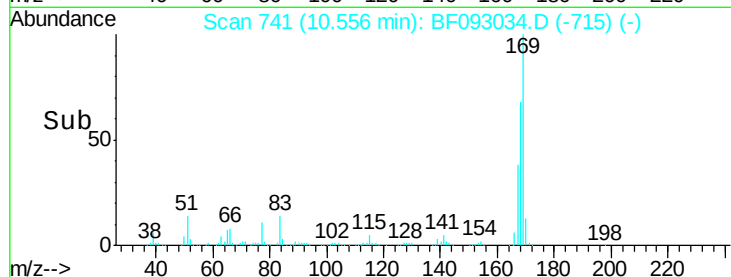
167 37.8 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.07 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

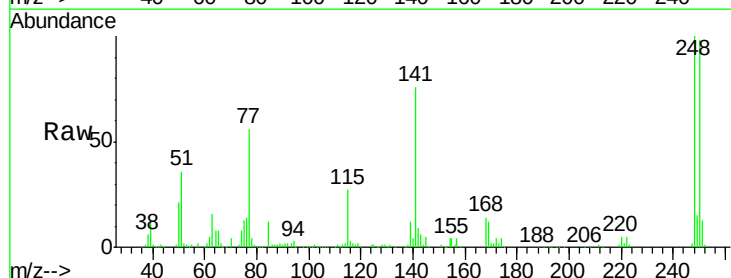
Tgt Ion:248 Resp: 247931

Ion Ratio Lower Upper

248 100

250 97.6 76.9 115.3

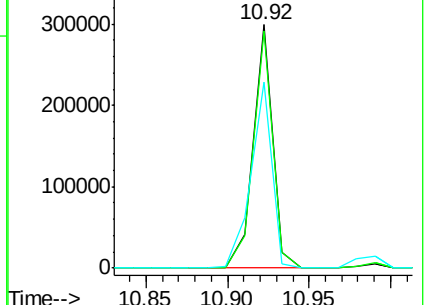
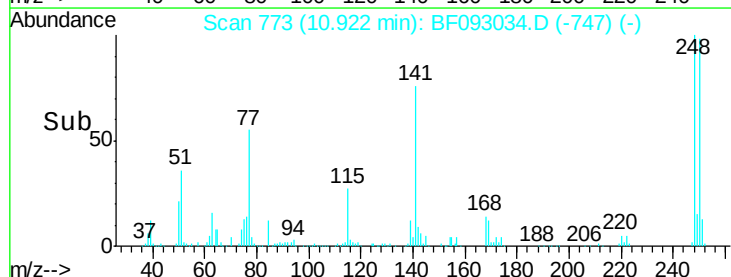
141 76.5 68.2 102.4

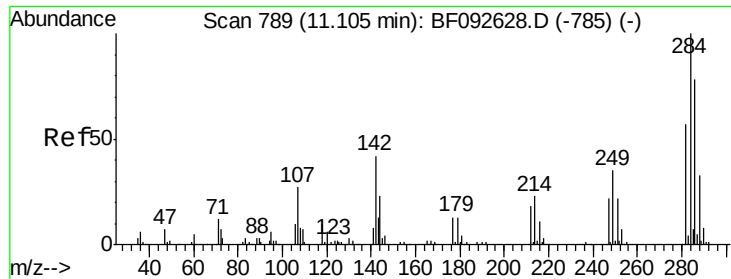


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

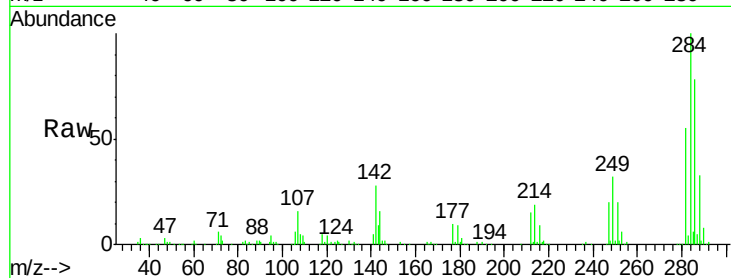




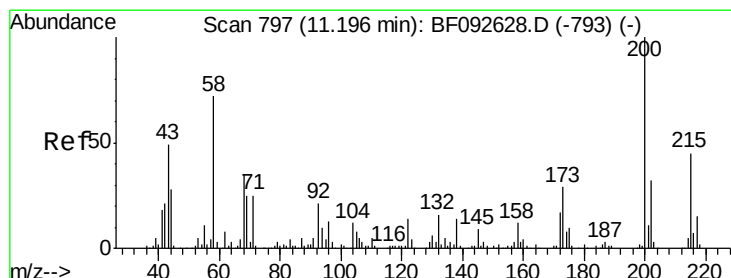
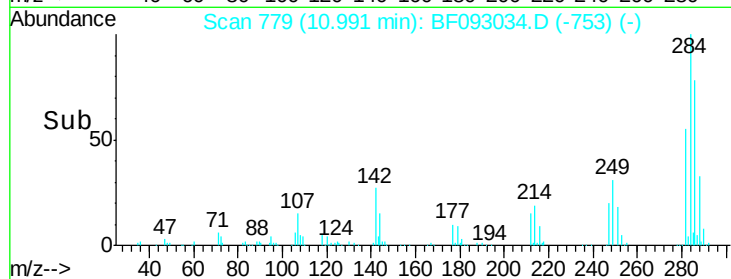
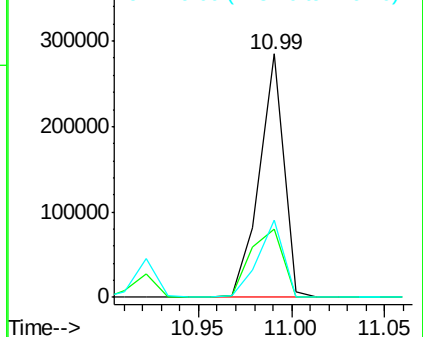
#67
Hexachlorobenzene
Concen: 46.26 ng
RT: 10.99 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Instrument :
BNA_F
ClientSampleId :
PB97034BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.0	22.6	33.8
249	31.5	25.4	38.0

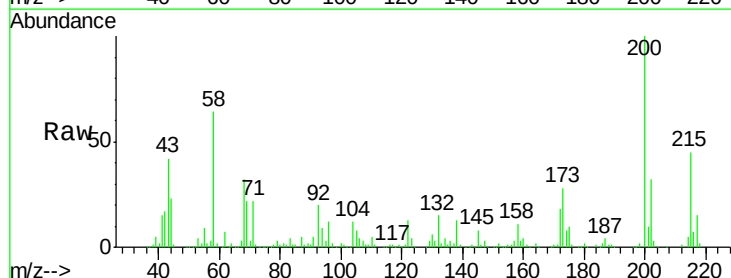


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

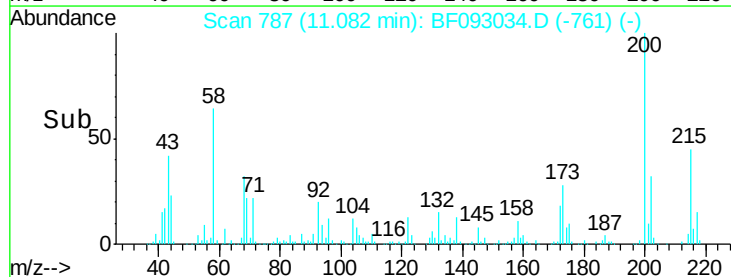
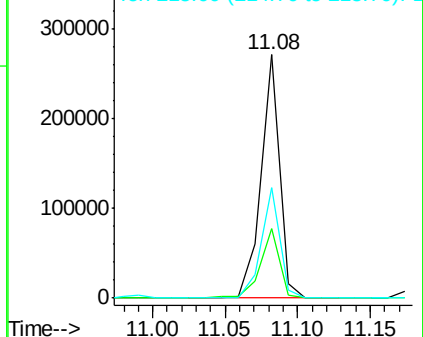


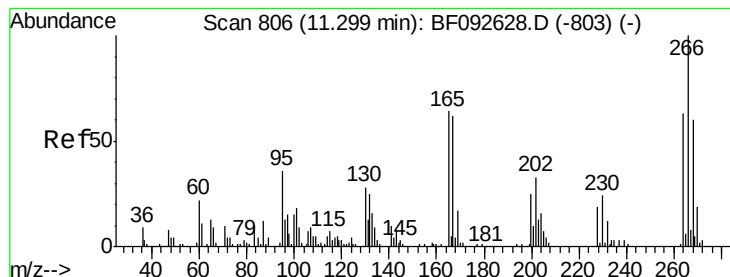
#68
Atrazine
Concen: 43.57 ng
RT: 11.08 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.5	9.6	49.6
215	45.3	25.7	65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 89.31 ng

RT: 11.18 min Scan# 796

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

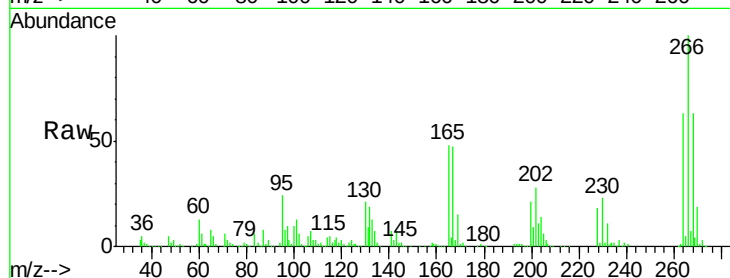
Tgt Ion:266 Resp: 258948

Ion Ratio Lower Upper

266 100

268 63.5 53.3 79.9

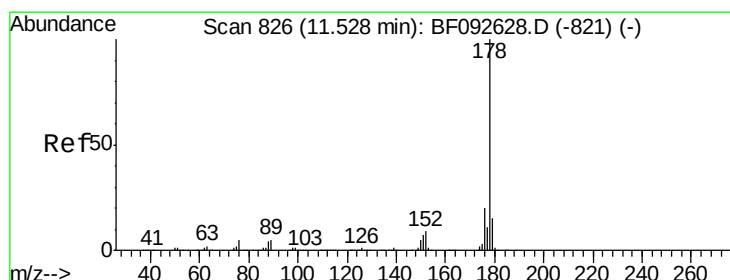
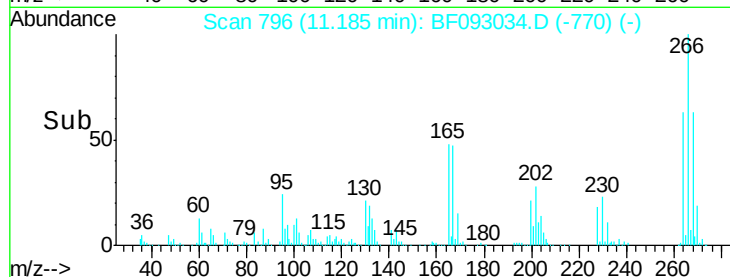
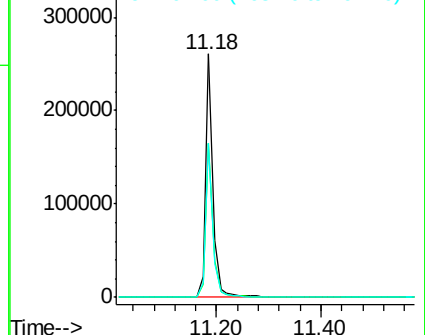
264 63.3 50.3 75.5



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



#70

Phenanthrene

Concen: 43.38 ng

RT: 11.40 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

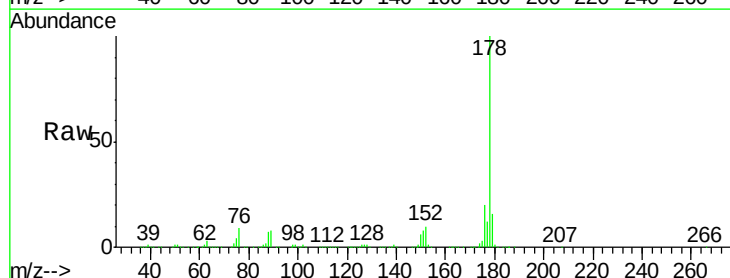
Tgt Ion:178 Resp: 1338365

Ion Ratio Lower Upper

178 100

176 20.1 16.6 25.0

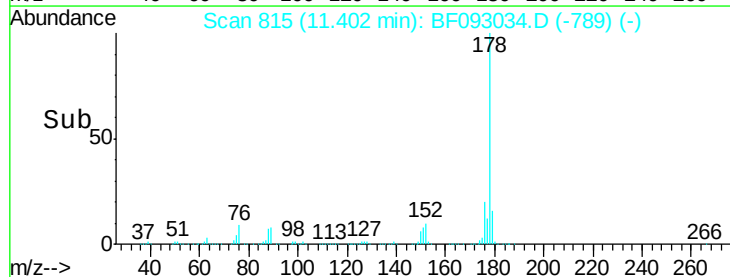
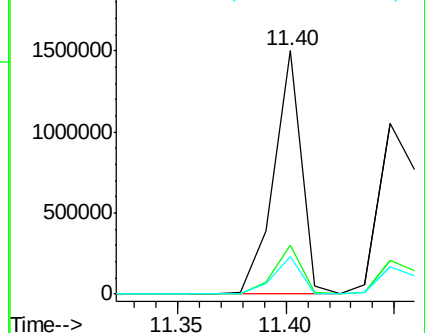
179 15.6 12.8 19.2

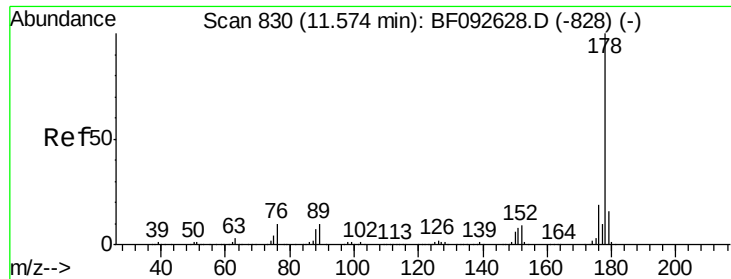


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 42.05 ng

RT: 11.45 min Scan# 819

Delta R.T. -0.01 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

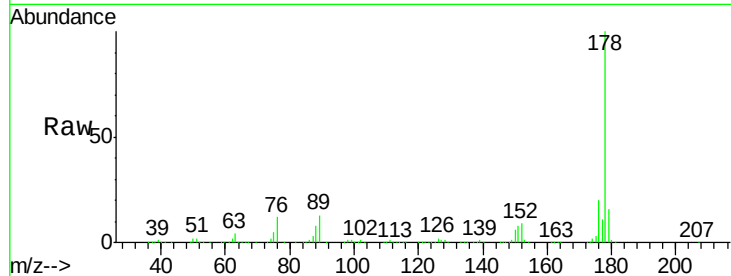
Tgt Ion:178 Resp: 1302526

Ion Ratio Lower Upper

178 100

176 19.9 15.9 23.9

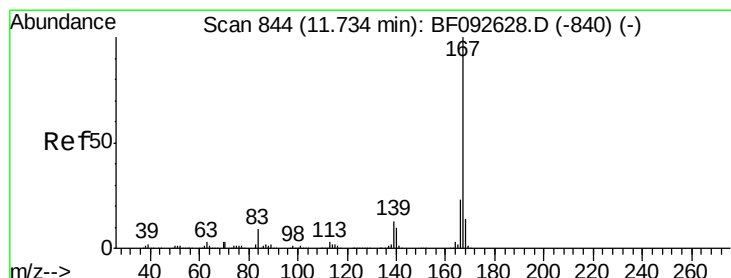
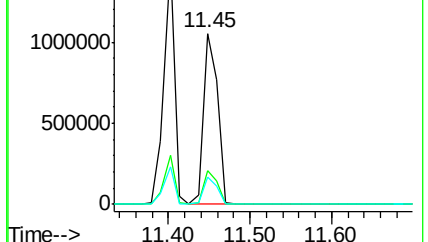
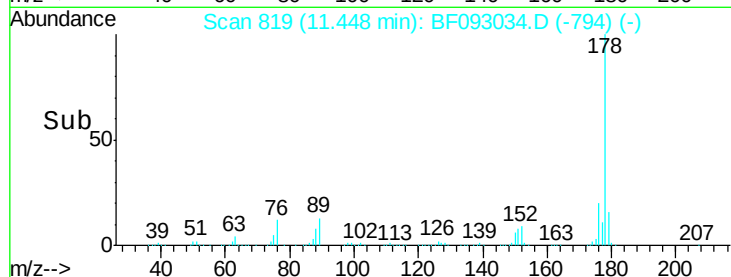
179 16.2 13.2 19.8



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: 38.17 ng

RT: 11.61 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

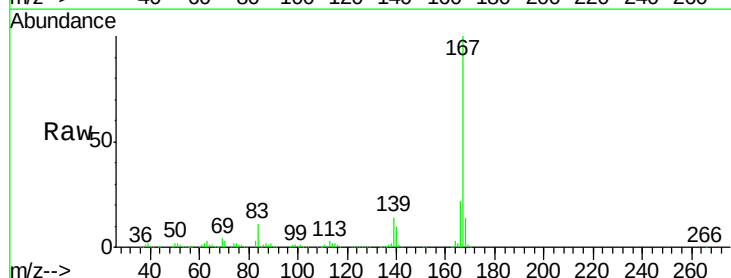
Tgt Ion:167 Resp: 1130346

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

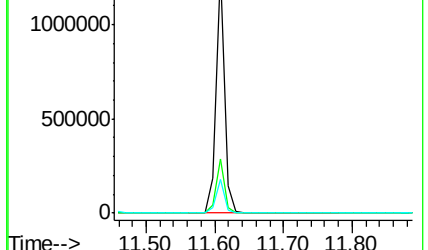
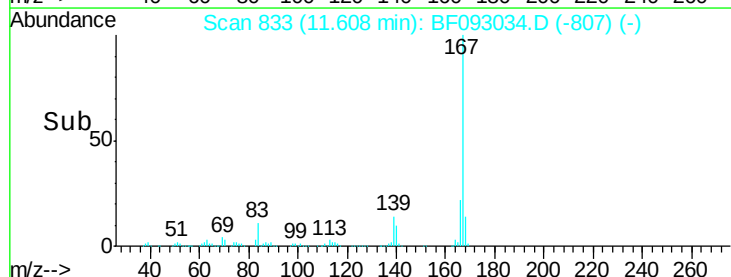
139 13.6 11.4 17.2

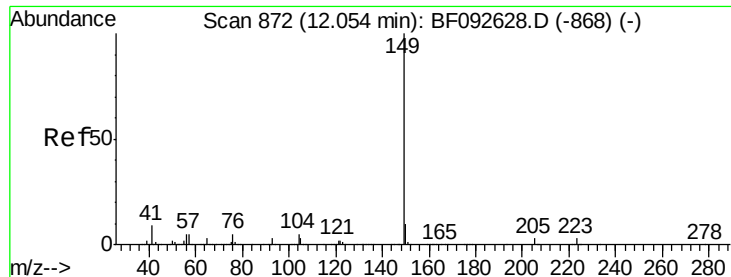


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 50.04 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

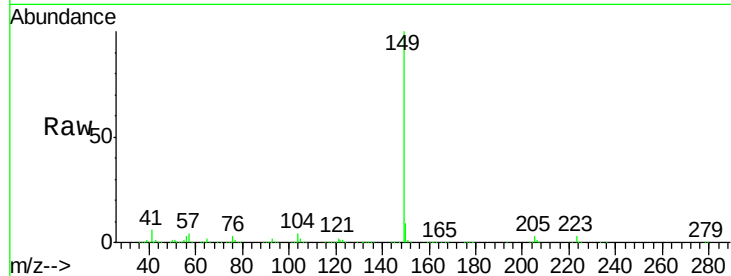
Tgt Ion:149 Resp: 1602551

Ion Ratio Lower Upper

149 100

150 9.0 8.1 12.1

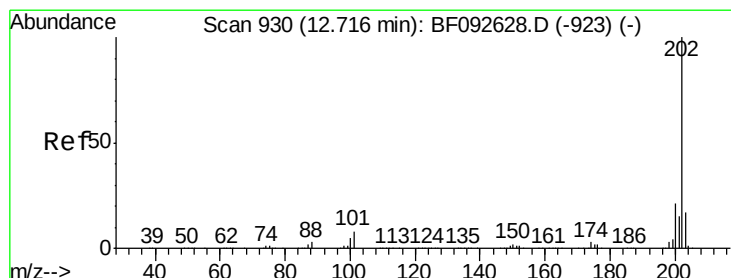
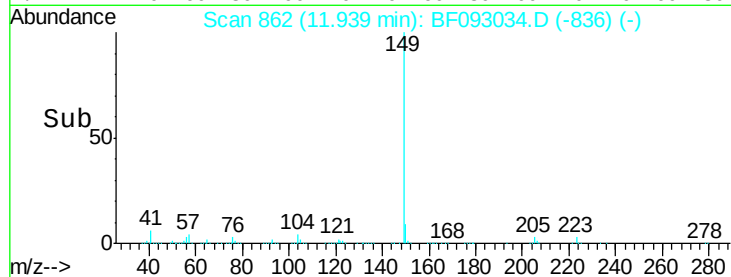
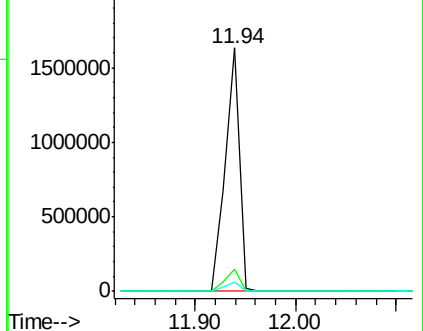
104 3.8 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.56 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

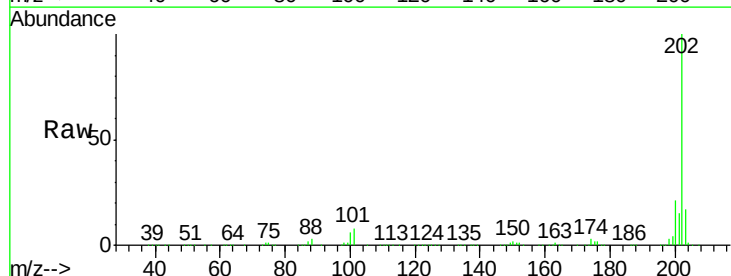
Tgt Ion:202 Resp: 1322308

Ion Ratio Lower Upper

202 100

101 7.6 0.0 34.6

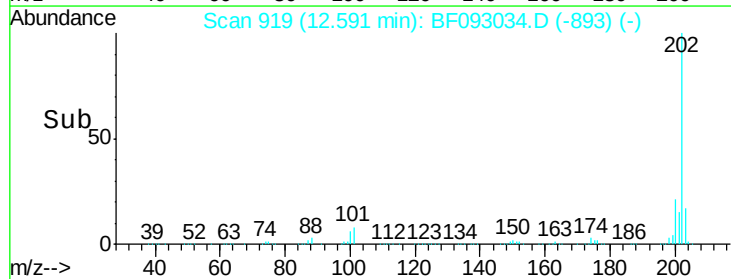
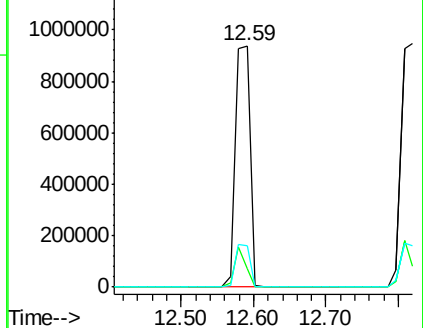
203 17.2 0.0 38.7

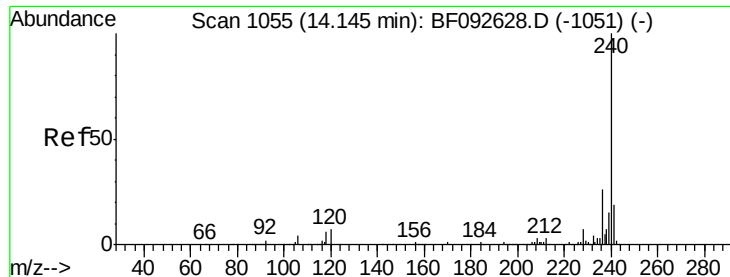


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

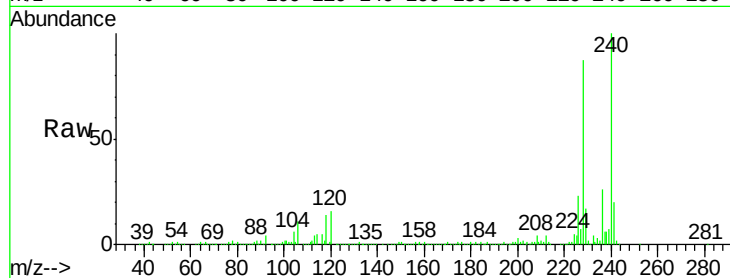
Tgt Ion:240 Resp: 410286

Ion Ratio Lower Upper

240 100

120 16.0 12.9 19.3

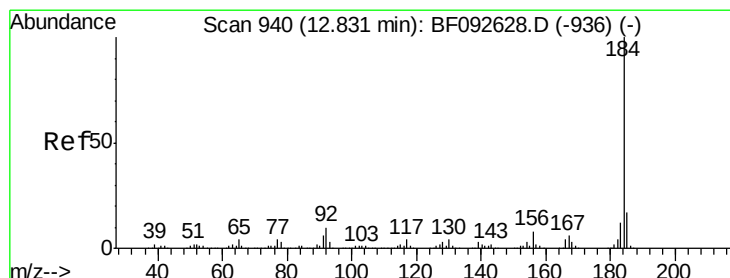
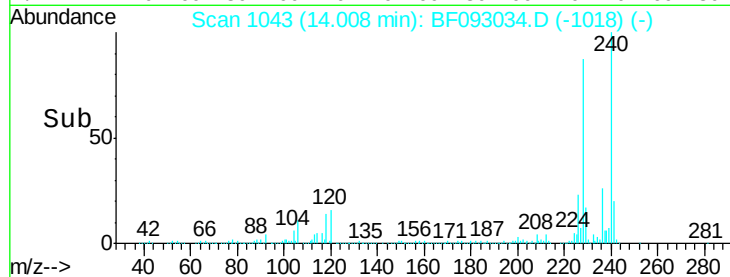
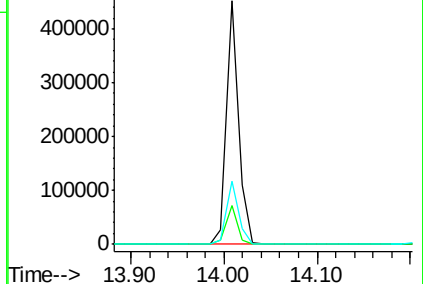
236 25.8 20.9 31.3



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: 15.35 ng

RT: 12.71 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

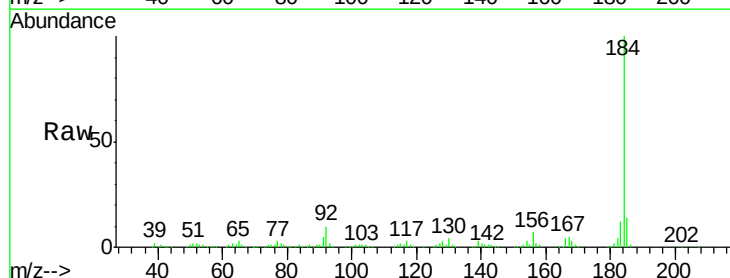
Tgt Ion:184 Resp: 268425

Ion Ratio Lower Upper

184 100

185 14.1 13.4 20.0

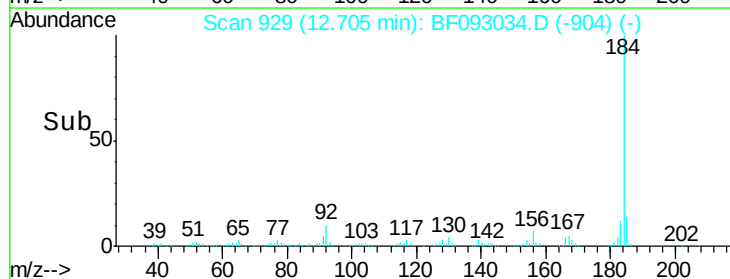
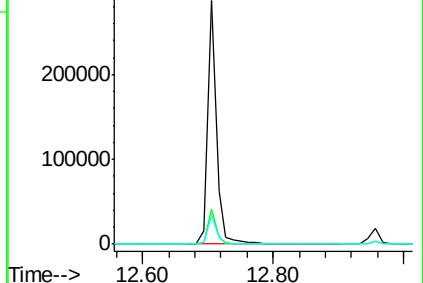
183 11.6 9.2 13.8

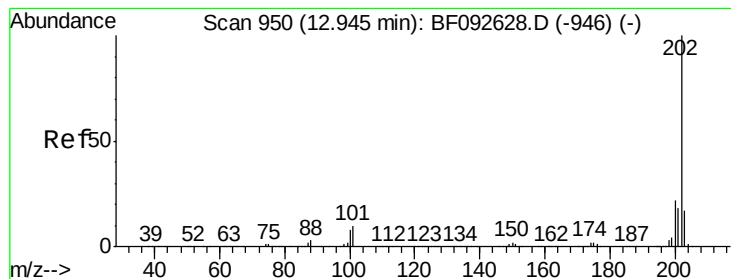


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 43.74 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.00 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

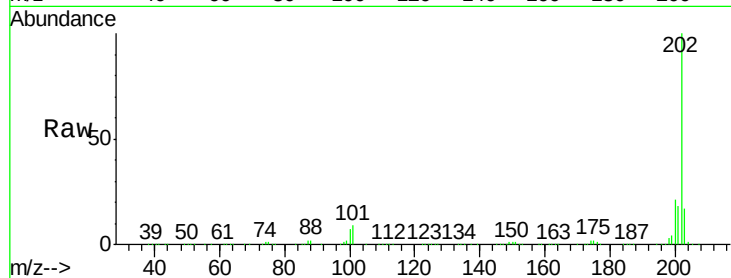
Tgt Ion:202 Resp: 1342951

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

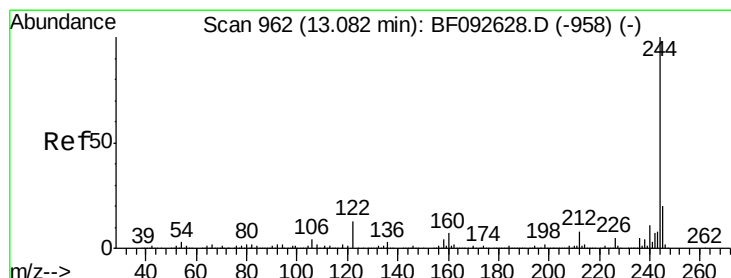
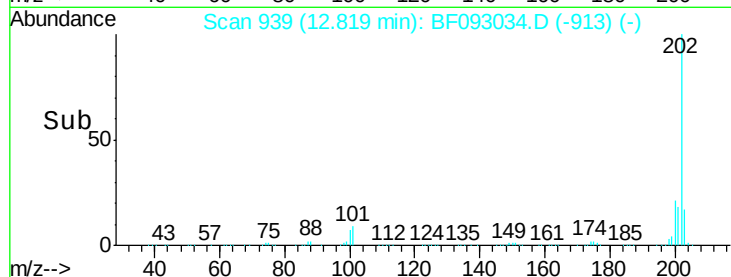
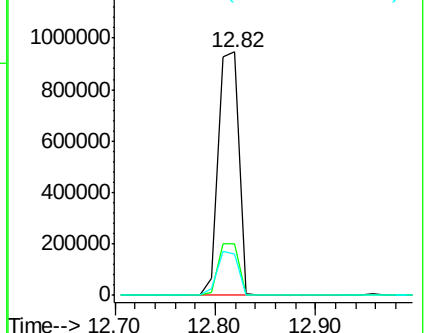
203 17.3 14.7 22.1



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: 76.03 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

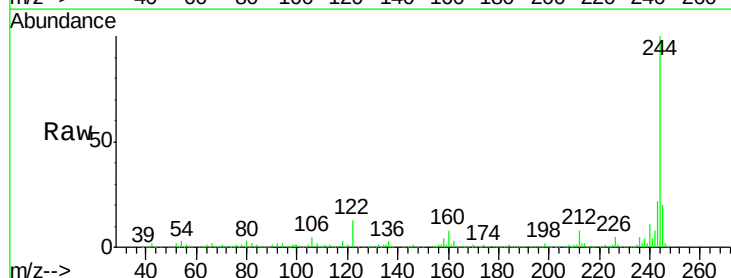
Tgt Ion:244 Resp: 1327624

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

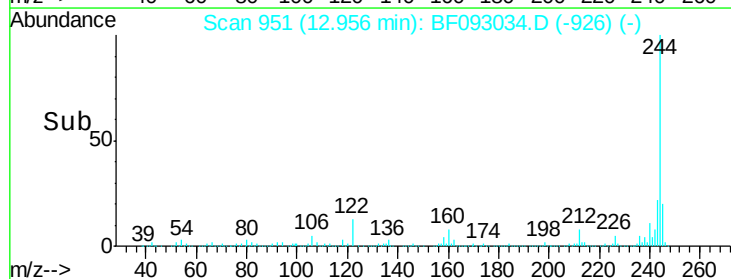
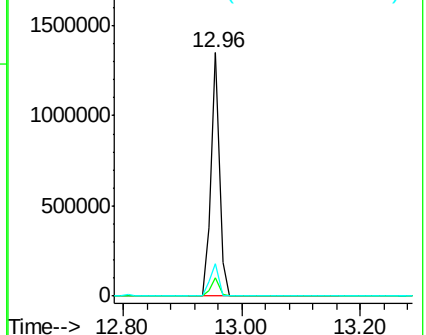
122 13.4 11.4 17.2

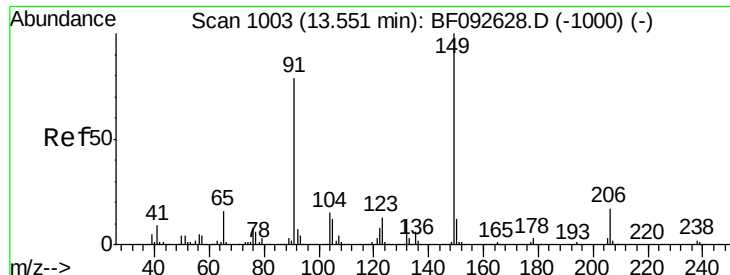


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

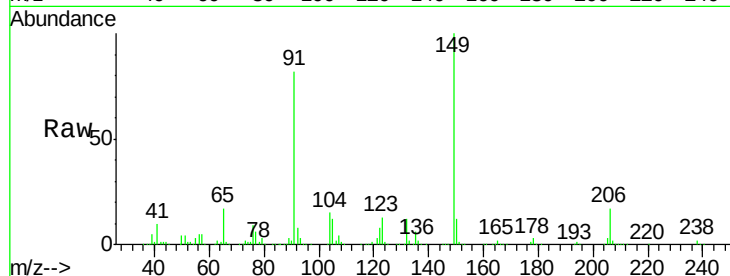




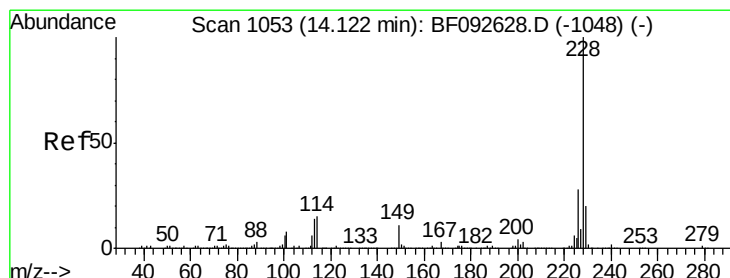
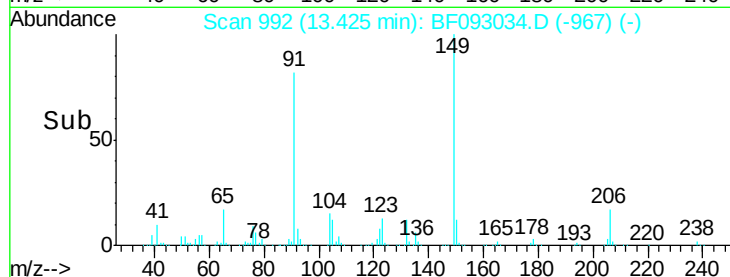
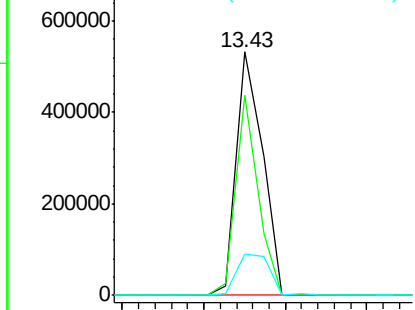
#79
Butylbenzylphthalate
Concen: 47.38 ng
RT: 13.43 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Instrument :
BNA_F
ClientSampleId :
PB97034BS

Tgt Ion:149 Resp: 590815
Ion Ratio Lower Upper
149 100
91 82.3 63.9 95.9
206 17.2 14.6 21.8

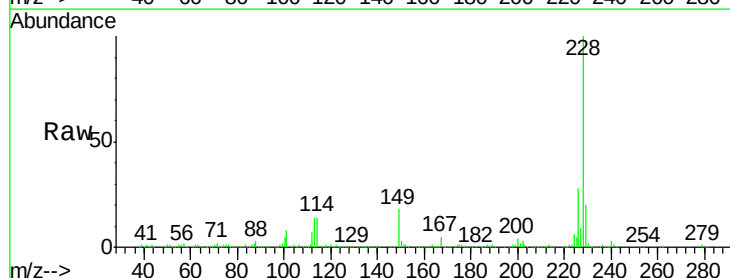


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

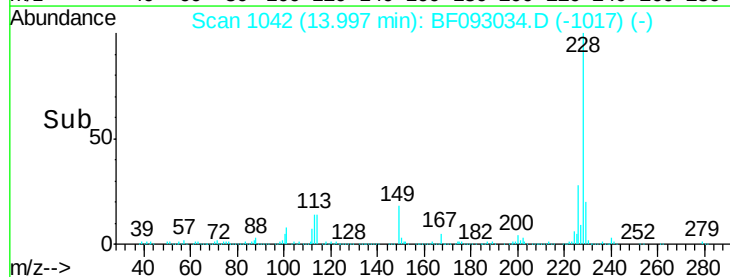
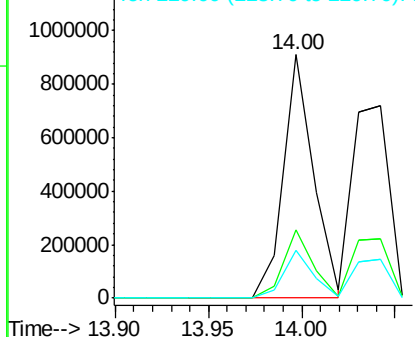


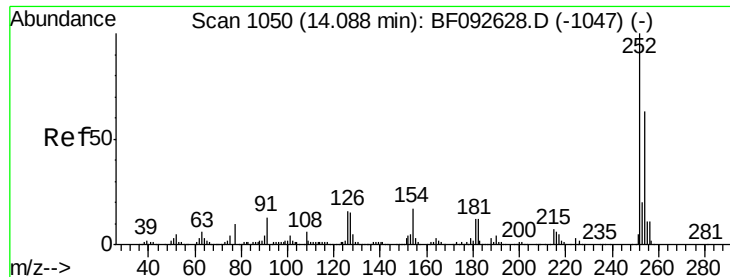
#80
Benzo(a)anthracene
Concen: 40.90 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BF093034.D
Acq: 20 Feb 2017 17:58

Tgt Ion:228 Resp: 1026308
Ion Ratio Lower Upper
228 100
226 28.1 22.4 33.6
229 19.8 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

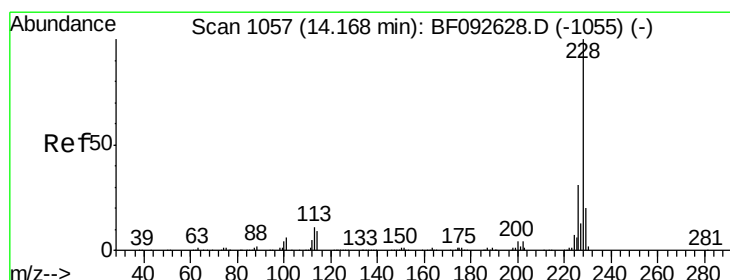
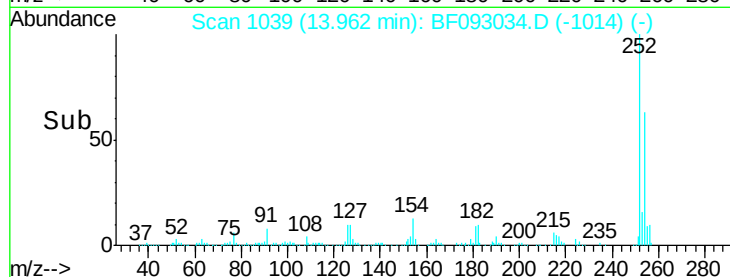
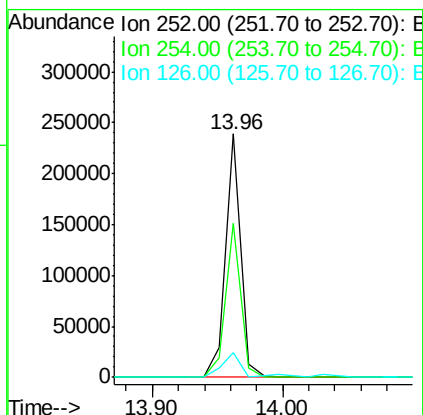
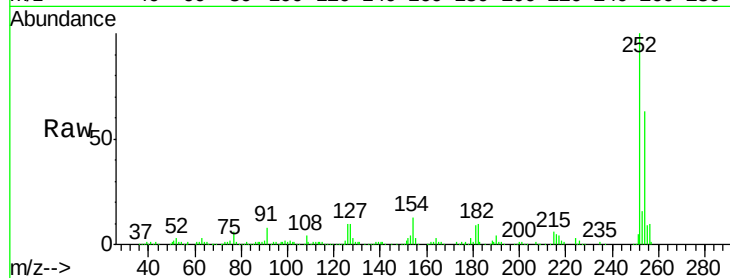




#81
 3,3'-Dichlorobenzidine
 Concen: 21.83 ng
 RT: 13.96 min Scan# 1039
 Delta R.T. -0.01 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

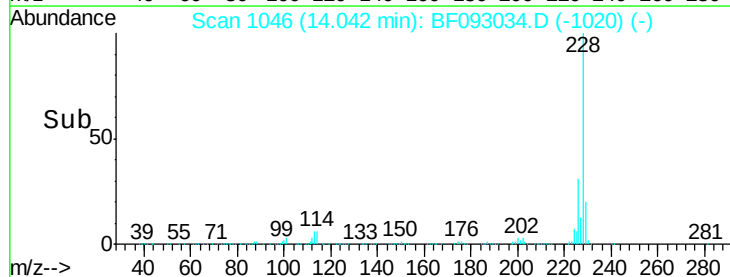
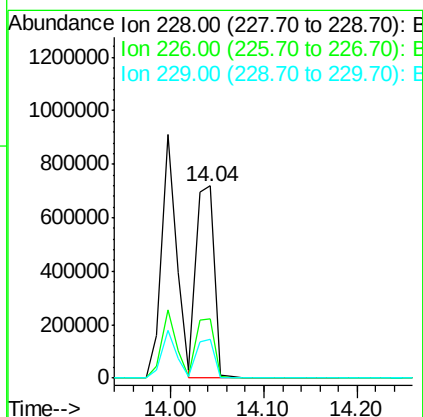
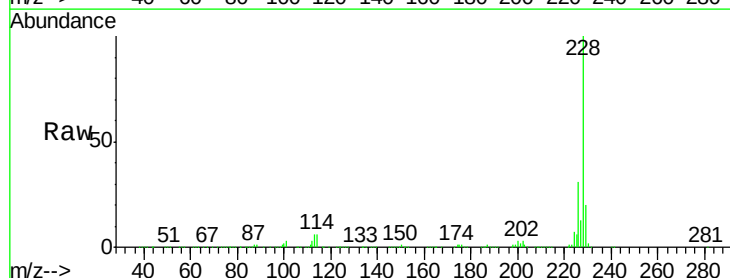
Instrument :
 BNA_F
 ClientSampleId :
 PB97034BS

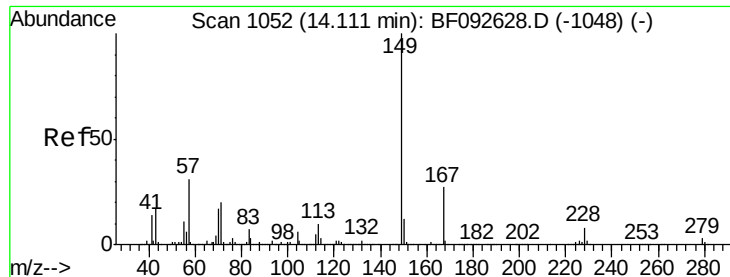
Tgt Ion:252 Resp: 195288
 Ion Ratio Lower Upper
 252 100
 254 63.2 52.3 78.5
 126 10.4 13.6 20.4#



#82
 Chrysene
 Concen: 42.02 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

Tgt Ion:228 Resp: 987345
 Ion Ratio Lower Upper
 228 100
 226 30.8 25.4 38.0
 229 19.9 16.2 24.2

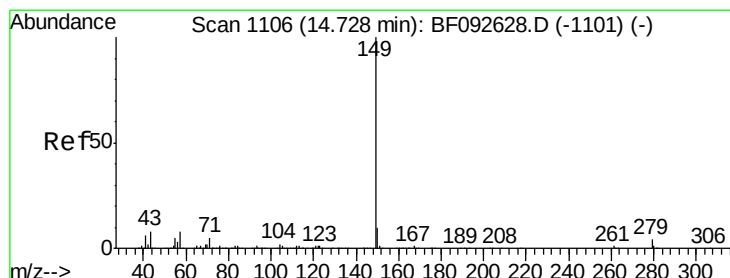
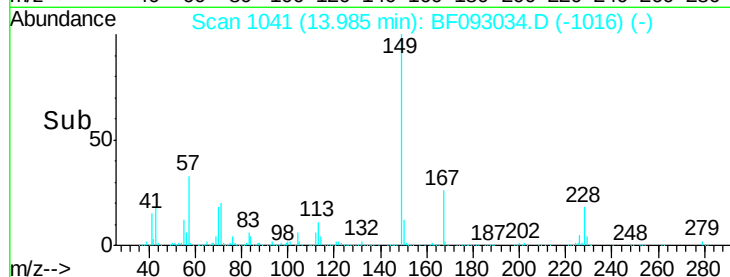
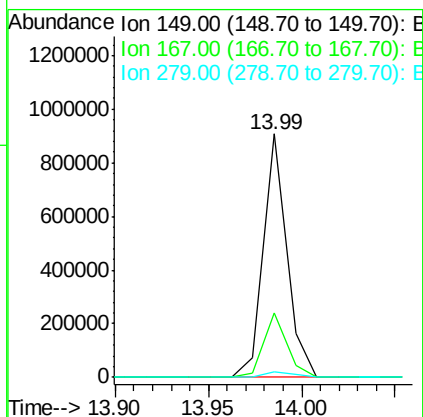
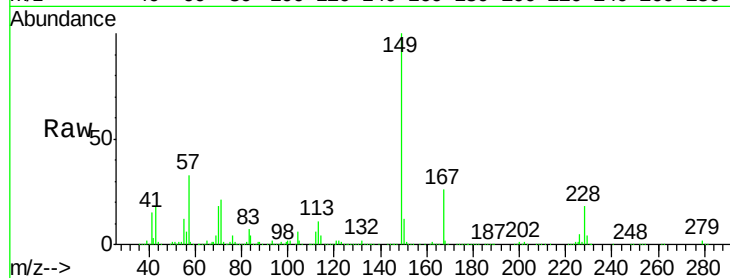




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.15 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

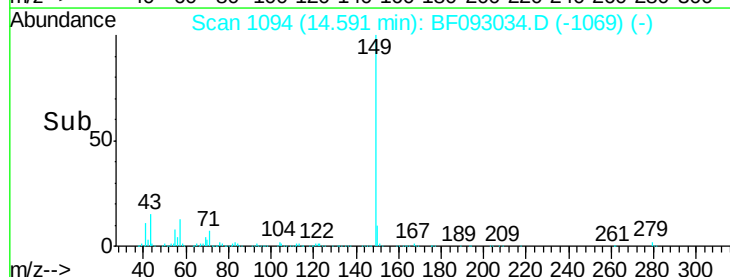
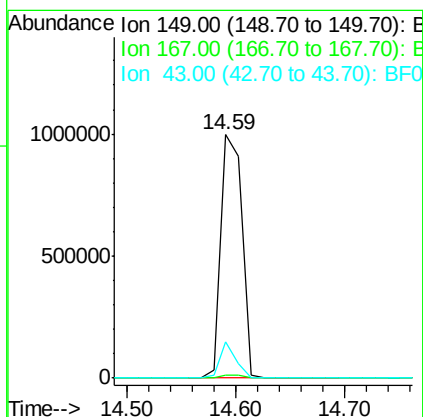
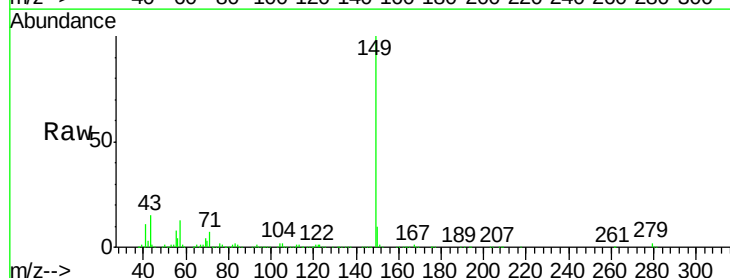
Instrument :
 BNA_F
 ClientSampleId :
 PB97034BS

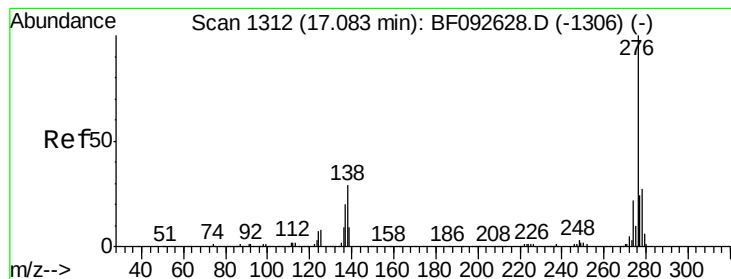
Tgt Ion:149 Resp: 786996
 Ion Ratio Lower Upper
 149 100
 167 26.3 20.2 30.4
 279 2.5 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 48.36 ng
 RT: 14.59 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BF093034.D
 Acq: 20 Feb 2017 17:58

Tgt Ion:149 Resp: 1342836
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.1 8.9 13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 40.91 ng

RT: 16.84 min Scan# 1291

Delta R.T. -0.01 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

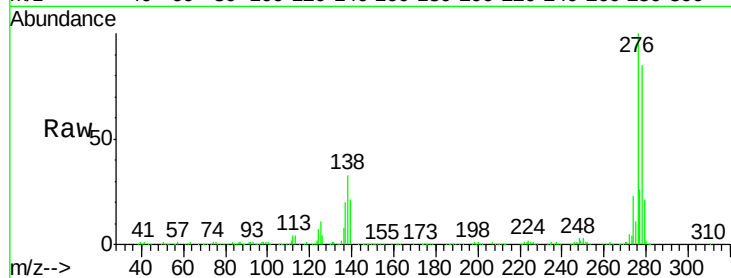
Tgt Ion:276 Resp: 744443

Ion Ratio Lower Upper

276 100

138 33.2 21.8 32.6#

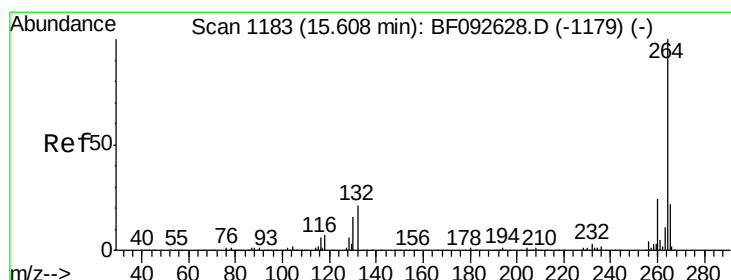
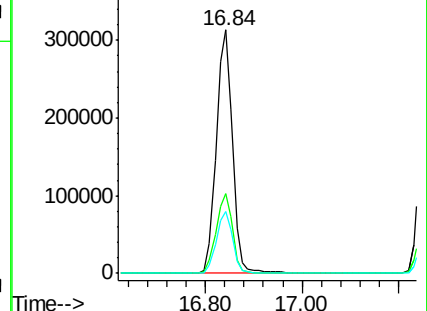
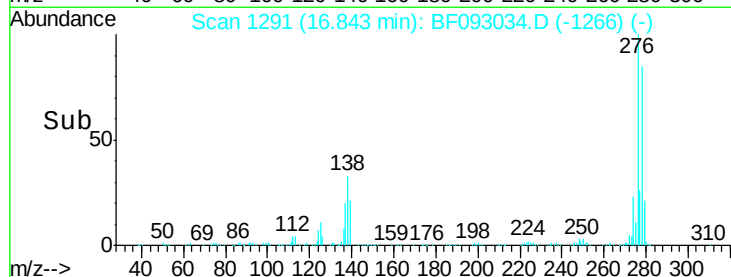
277 25.6 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.44 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

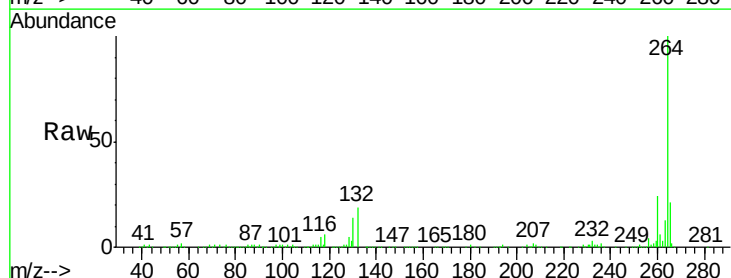
Tgt Ion:264 Resp: 297905

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

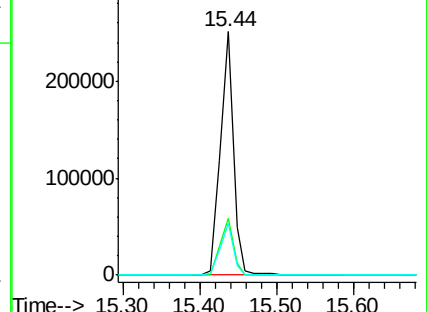
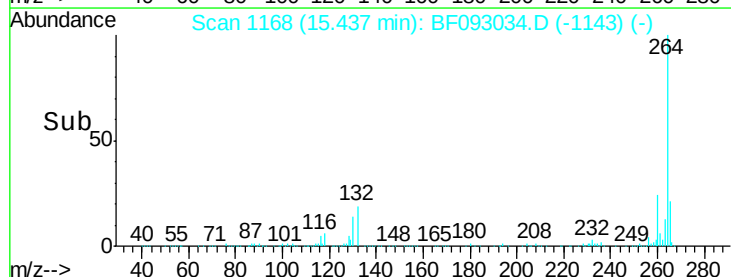
265 21.3 17.4 26.0

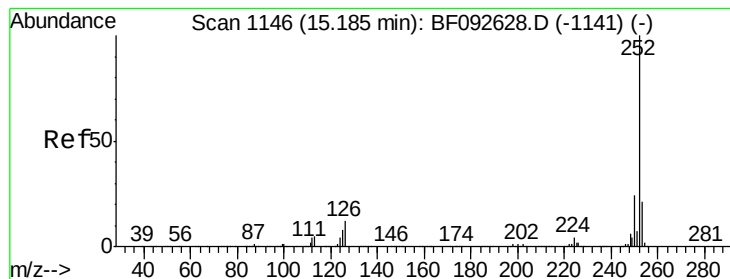


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 86.42 ng

RT: 15.06 min Scan# 1135

Delta R.T. 0.02 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

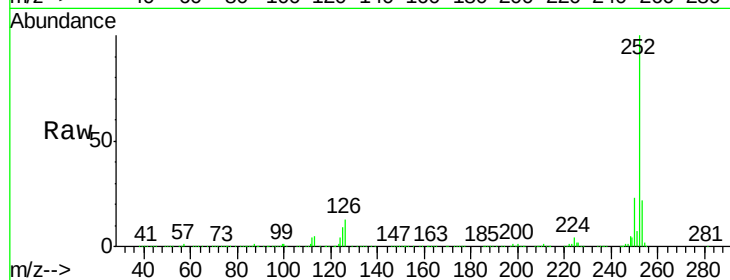
Tgt Ion:252 Resp: 1694524

Ion Ratio Lower Upper

252 100

253 21.6 18.2 27.4

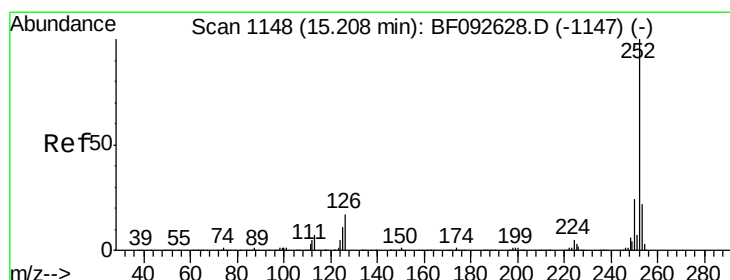
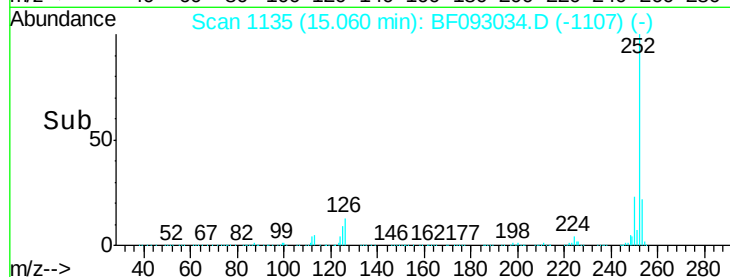
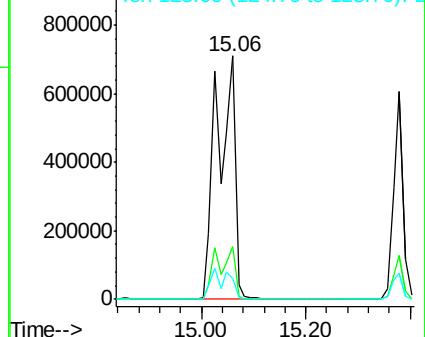
125 8.7 9.8 14.6#



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: 100.09 ng

RT: 15.06 min Scan# 1135

Delta R.T. -0.01 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

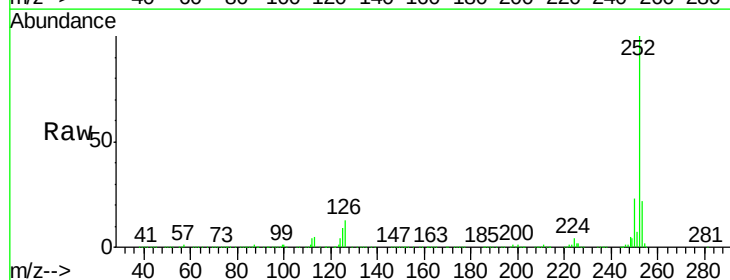
Tgt Ion:252 Resp: 1694524

Ion Ratio Lower Upper

252 100

253 21.6 18.5 27.7

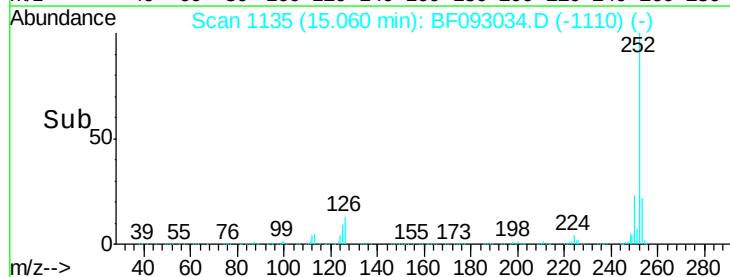
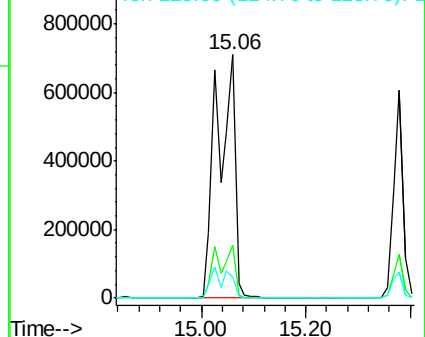
125 8.7 8.9 13.3#

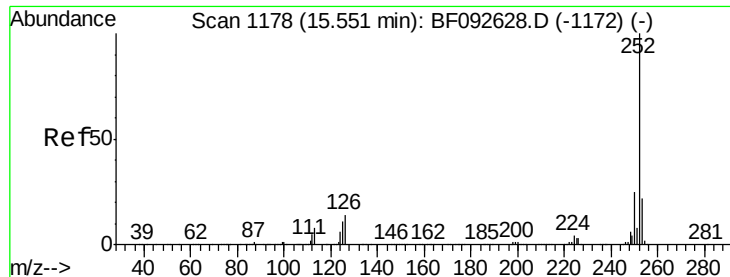


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 44.82 ng

RT: 15.38 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS

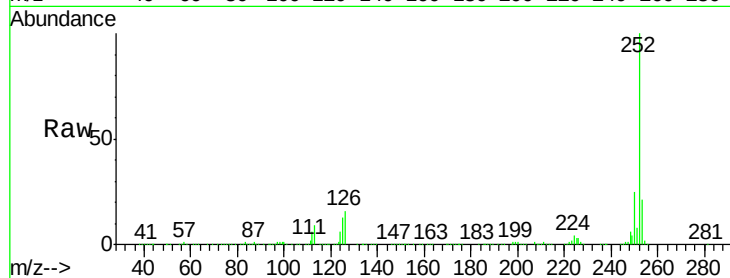
Tgt Ion:252 Resp: 760150

Ion Ratio Lower Upper

252 100

253 21.5 18.2 27.2

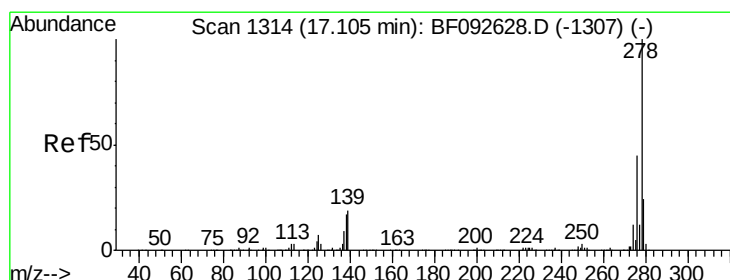
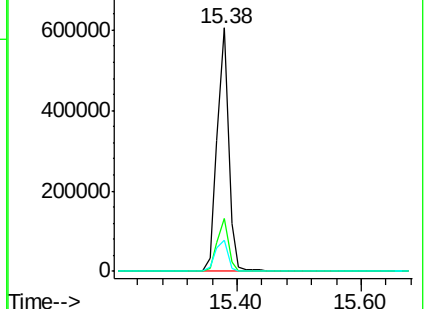
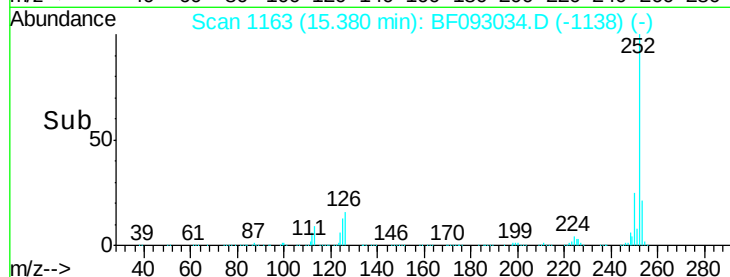
125 12.6 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.76 ng

RT: 16.85 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF093034.D

Acq: 20 Feb 2017 17:58

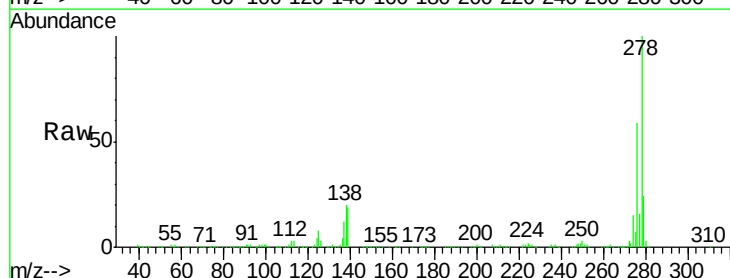
Tgt Ion:278 Resp: 627222

Ion Ratio Lower Upper

278 100

139 19.1 14.8 22.2

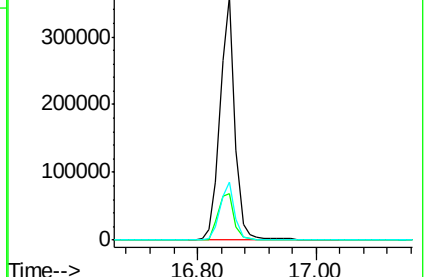
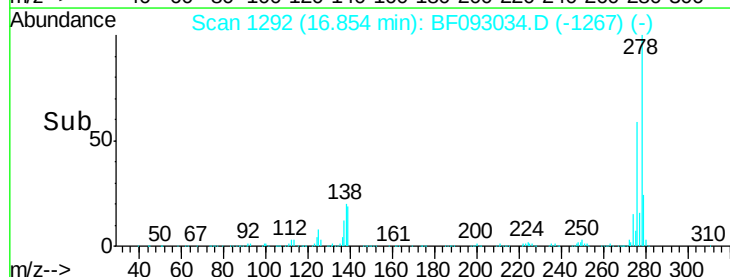
279 24.0 19.8 29.6

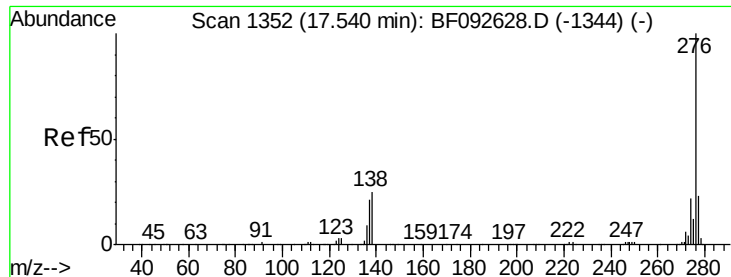


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(g,h,i)perylene

Concen: 46.32 ng

RT: 17.27 min Scan# 1328

Delta R.T. -0.02 min

Lab File: BF093034.D

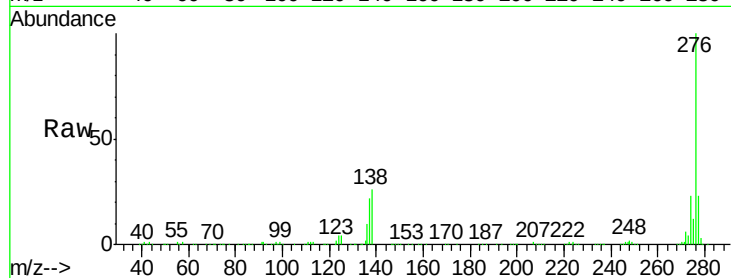
Acq: 20 Feb 2017 17:58

Instrument :

BNA_F

ClientSampleId :

PB97034BS



Tgt Ion:	276	Resp:	641382
Ion Ratio		Lower	Upper
276	100		
277	23.1	19.2	28.8
138	26.0	16.0	24.0

