

Data Path : Z:\HPCHEM1\BNA F\Data\BF020117\
 Data File : BF092704.D
 Acq On : 1 Feb 2017 15:14
 Operator : SJ/MA
 Sample : PB96611BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96611BS

Quant Time: Feb 01 15:44:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	160183	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	635930	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	329303	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	542540	20.00	ng	0.00
75) Chrysene-d12	14.12	240	354791	20.00	ng	-0.02
86) Perylene-d12	15.59	264	285438	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	1178997	126.28	ng	-0.01
7) Phenol-d6	6.59	99	1497410	124.65	ng	-0.01
23) Nitrobenzene-d5	7.52	82	958700	83.95	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	284015	119.25	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1680638	92.46	ng	-0.01
78) Terphenyl-d14	13.07	244	1250527	82.82	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.65	88	178732	35.43	ng	# 81
3) Pyridine	3.40	79	504498	39.33	ng	89
4) n-Nitrosodimethylamine	3.36	42	278826	46.29	ng	83
6) Aniline	6.61	93	480531	29.32	ng	# 59
8) 2-Chlorophenol	6.74	128	461155	44.77	ng	95
9) Benzaldehyde	6.49	77	152732	17.75	ng	87
10) Phenol	6.60	94	492370	35.03	ng	98
11) bis(2-Chloroethyl)ether	6.68	93	483125	43.06	ng	93
12) 1,3-Dichlorobenzene	6.97	146	529161	43.86	ng	97
13) 1,4-Dichlorobenzene	6.97	146	529161	43.34	ng	94
14) 1,2-Dichlorobenzene	7.12	146	464681	39.80	ng	98
15) Benzyl Alcohol	7.09	79	392675	44.15	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.23	45	857615	44.00	ng	94
17) 2-Methylphenol	7.21	107	378102	42.79	ng	97
18) Hexachloroethane	7.46	117	169659	40.70	ng	92
19) n-Nitroso-di-n-propylamine	7.37	70	329132	43.04	ng	# 96
20) 3+4-Methylphenols	7.37	107	464748	43.99	ng	# 88
22) Acetophenone	7.36	105	619585	42.67	ng	# 95
24) Nitrobenzene	7.54	77	528512	45.07	ng	# 85
25) Isophorone	7.78	82	925338	43.48	ng	98
26) 2-Nitrophenol	7.85	139	231864	41.60	ng	92
27) 2,4-Dimethylphenol	7.89	122	405032	41.38	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	561428	39.84	ng	99
29) 2,4-Dichlorophenol	8.10	162	407257	44.61	ng	93
30) 1,2,4-Trichlorobenzene	8.18	180	408468	41.52	ng	98
31) Naphthalene	8.26	128	1228146	38.10	ng	99
32) Benzoic acid	8.02	122	259821	47.02	ng	98
33) 4-Chloroaniline	8.30	127	136732	10.82	ng	94
34) Hexachlorobutadiene	8.37	225	203736	37.64	ng	98
35) Caprolactam	8.68	113	133876	46.62	ng	# 58
36) 4-Chloro-3-methylphenol	8.81	107	443555	46.60	ng	95
37) 2-Methylnaphthalene	8.96	142	905792	43.76	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	370833	40.12	ng	99
40) Hexachlorocyclopentadiene	9.10	237	329111	78.91	ng	96

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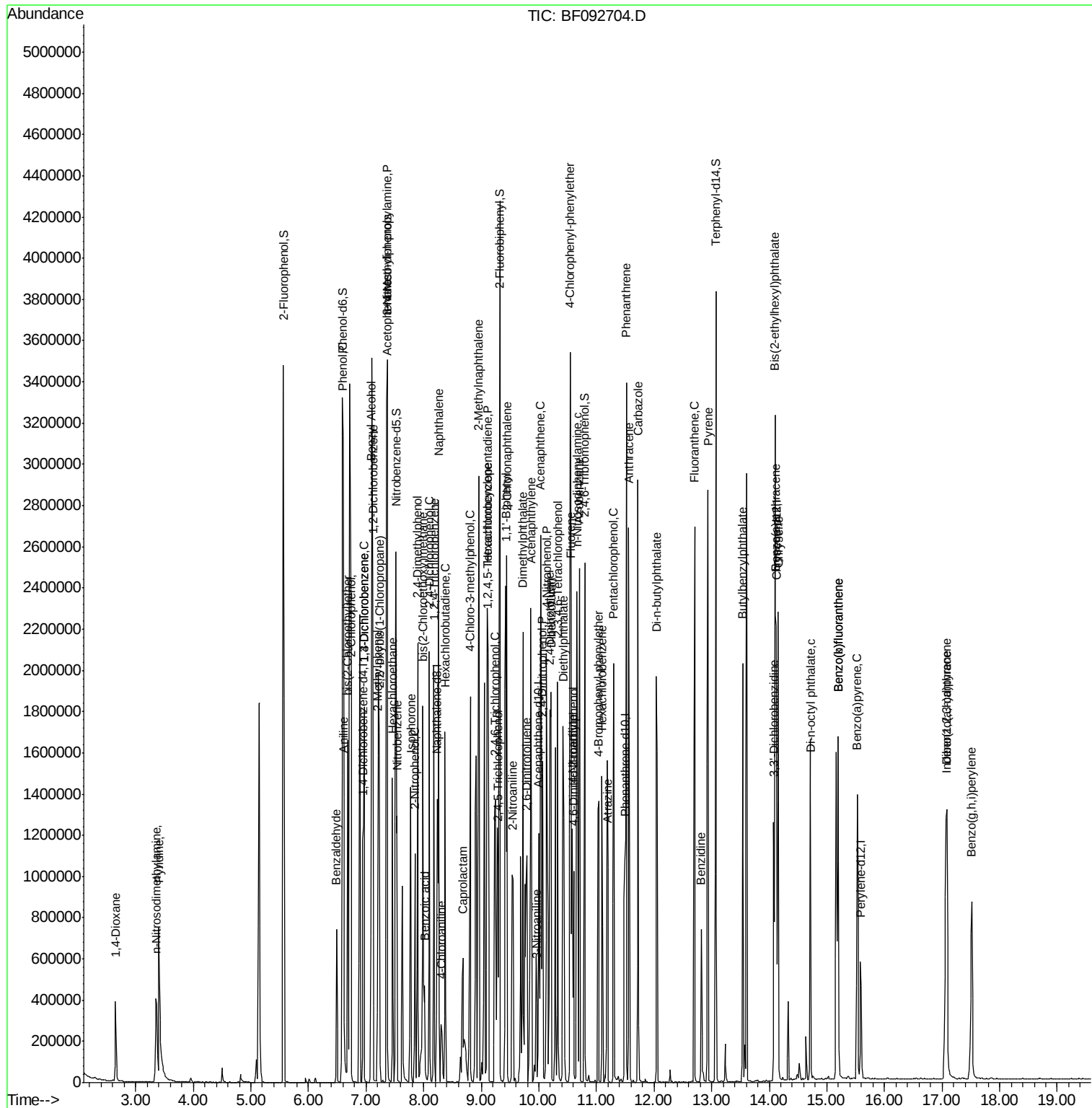
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	276404	45.51	nq	97
43) 2,4,5-Trichlorophenol	9.29	196	288475	43.35	nq	# 81
45) 1,1'-Biphenyl	9.42	154	1085471	45.52	nq	99
46) 2-Chloronaphthalene	9.45	162	838322	44.94	nq	99
47) 2-Nitroaniline	9.54	65	271460	43.28	nq	91
48) Acenaphthylene	9.86	152	1261205	39.14	nq	98
49) Dimethylphthalate	9.72	163	918960	41.43	nq	99
50) 2,6-Dinitrotoluene	9.79	165	226557	47.30	nq	# 85
51) Acenaphthene	10.03	154	834340	43.31	nq	97
52) 3-Nitroaniline	9.96	138	121927	22.24	nq	# 74
53) 2,4-Dinitrophenol	10.06	184	204160	83.56	nq	# 75
54) Dibenzofuran	10.21	168	1175589	45.62	nq	# 89
55) 4-Nitrophenol	10.13	139	302156	76.53	nq	95
56) 2,4-Dinitrotoluene	10.19	165	269474	42.26	nq	99
57) Fluorene	10.56	166	850927	42.92	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.33	232	210690	47.46	nq	98
59) Diethylphthalate	10.42	149	916132	43.83	nq	100
60) 4-Chlorophenyl-phenylether	10.54	204	419703	44.07	nq	# 81
61) 4-Nitroaniline	10.58	138	247129	44.01	nq	92
62) Azobenzene	10.70	77	1100097	50.94	nq	94
64) 4,6-Dinitro-2-methylphenol	10.60	198	150444	45.69	nq	84
65) n-Nitrosodiphenylamine	10.66	169	761726	43.95	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	250000	44.11	nq	# 84
67) Hexachlorobenzene	11.09	284	229642	41.00	nq	# 69
68) Atrazine	11.20	200	249019	44.77	nq	90
69) Pentachlorophenol	11.30	266	246884	84.90	nq	98
70) Phenanthrene	11.52	178	1320583	42.49	nq	99
71) Anthracene	11.56	178	1267530	40.61	nq	99
72) Carbazole	11.72	167	1115826	37.40	nq	99
73) Di-n-butylphthalate	12.04	149	1442199	44.69	nq	99
74) Fluoranthene	12.71	202	1332506	41.56	nq	94
76) Benzidine	12.82	184	297291	19.66	nq	98
77) Pyrene	12.93	202	1351507	50.90	nq	99
79) Butylbenzylphthalate	13.54	149	571846	53.04	nq	96
80) Benzo(a)anthracene	14.11	228	980616	45.19	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	235755	30.48	nq	98
82) Chrysene	14.16	228	971343	47.81	nq	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	749268	50.81	nq	97
84) Di-n-octyl phthalate	14.72	149	1090745	45.43	nq	100
85) Indeno(1,2,3-cd)pyrene	17.07	276	821154	52.18	nq	94
87) Benzo(b)fluoranthene	15.20	252	1568554	83.49	nq	97
88) Benzo(k)fluoranthene	15.20	252	1568554	96.70	nq	97
89) Benzo(a)pyrene	15.53	252	739204	45.49	nq	97
90) Dibenzo(a,h)anthracene	17.08	278	680086	51.78	nq	98
91) Benzo(g,h,i)perylene	17.52	276	703955	53.05	nq	# 93

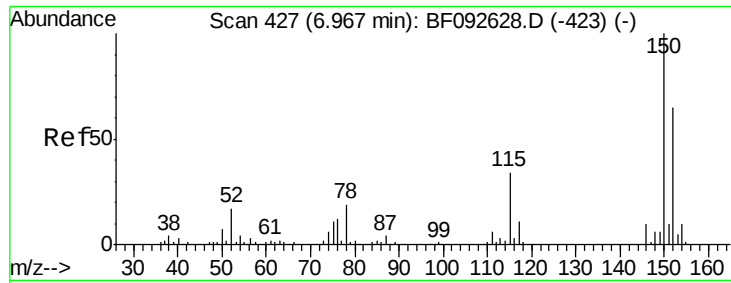
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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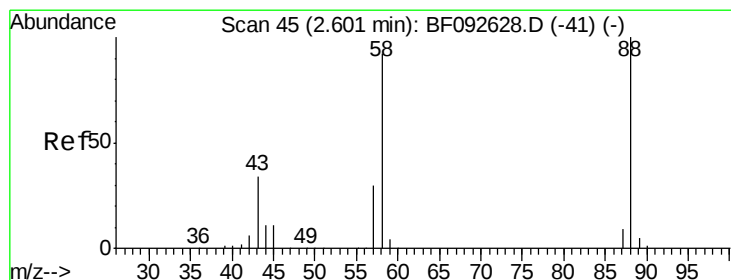
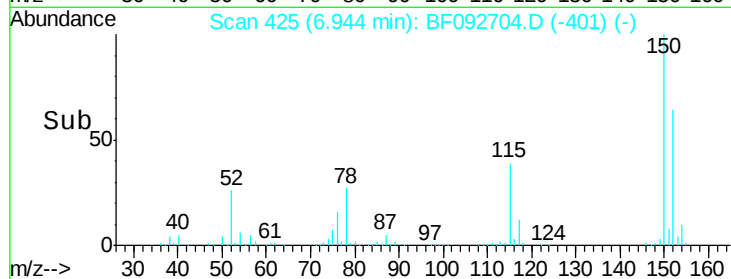
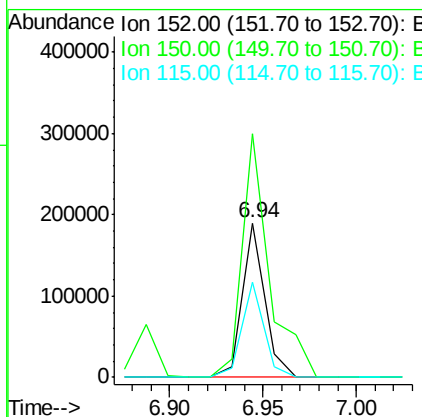
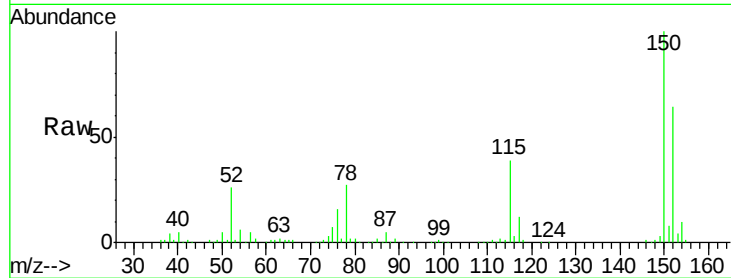


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF092704.D
Acq: 1 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
PB96611BS

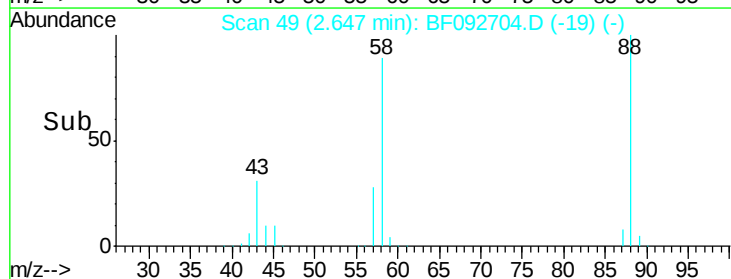
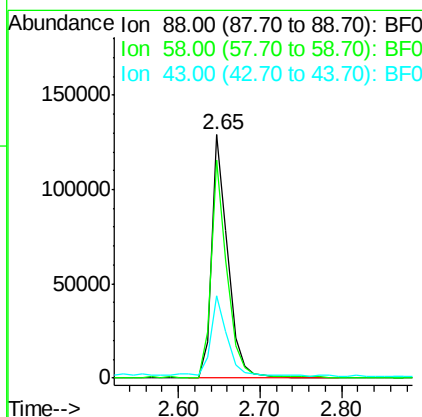
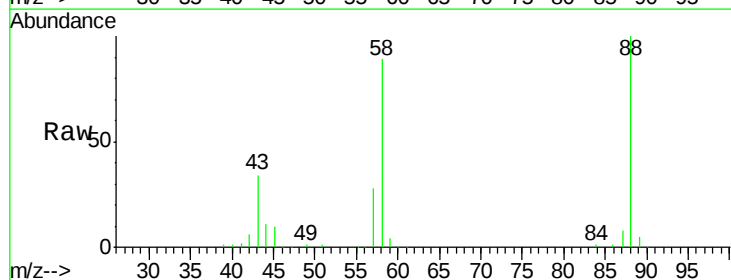
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	124.9	187.3
115	61.7	46.0	69.0

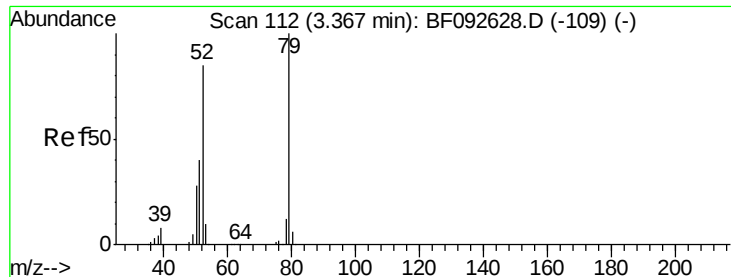


#2

1,4-Dioxane
Concen: 35.43 ng
RT: 2.65 min Scan# 49
Delta R.T. 0.05 min
Lab File: BF092704.D
Acq: 1 Feb 2017 15:14

Tgt Ion	Ratio	Lower	Upper
88	100		
58	90.3	57.8	86.8#
43	34.1	22.3	33.5#





#3

Pvridine

Concen: 39.33 ng

RT: 3.40 min Scan# 115

Delta R.T. 0.03 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

Instrument :

BNA_F

ClientSampleId :

PB96611BS

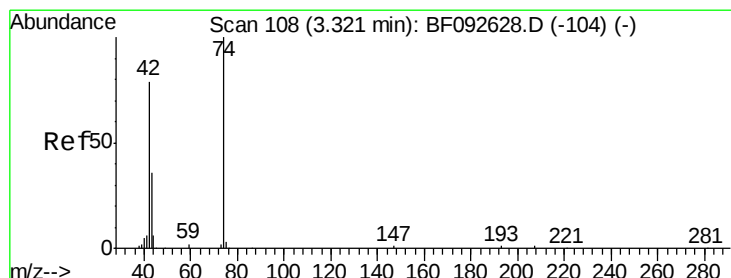
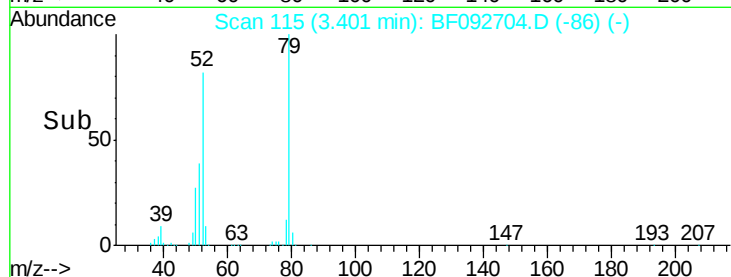
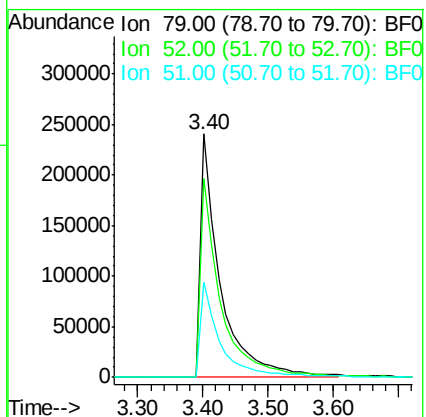
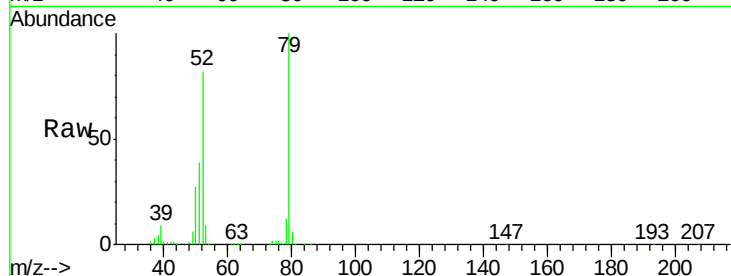
Tot Ion: 79 Resp: 504498

Ion Ratio Lower Upper

79 100

52 81.8 57.1 85.7

51 39.0 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 46.29 ng

RT: 3.36 min Scan# 111

Delta R.T. 0.03 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

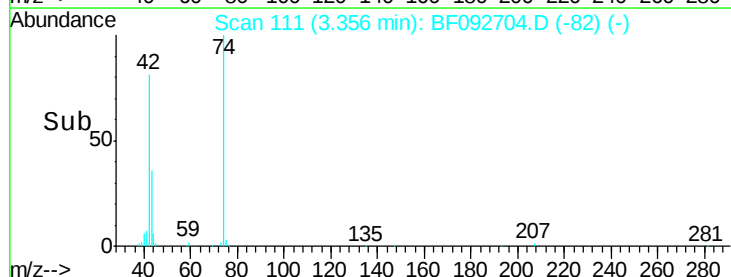
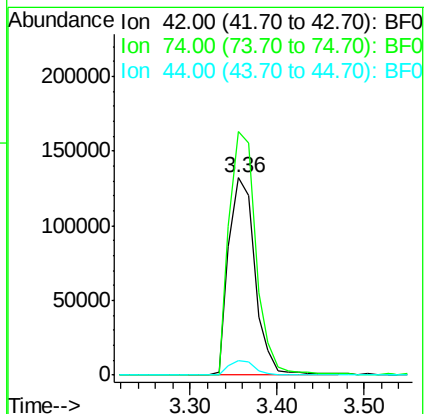
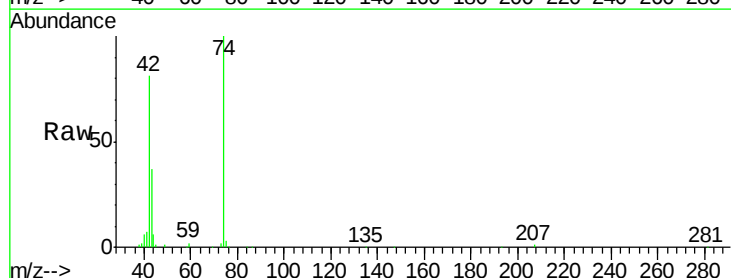
Tgt Ion: 42 Resp: 278826

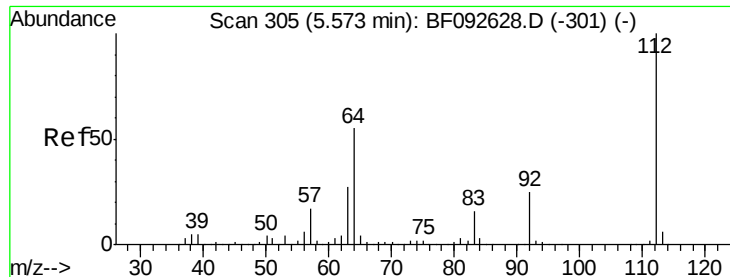
Ion Ratio Lower Upper

42 100

74 123.6 117.0 175.4

44 7.4 5.5 8.3





#5

2-Fluorophenol

Concen: 126.28 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

Instrument :

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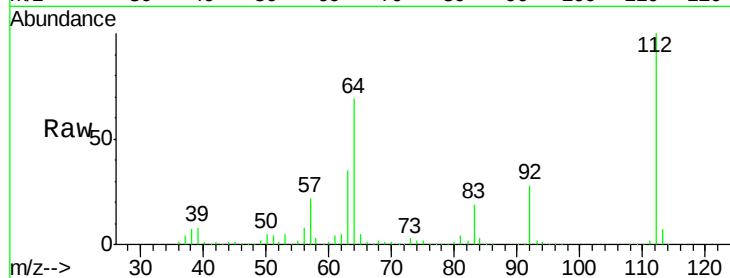
Tot Ion:112 Resp: 1178997

Ion Ratio Lower Upper

112 100

64 69.2 46.1 69.1#

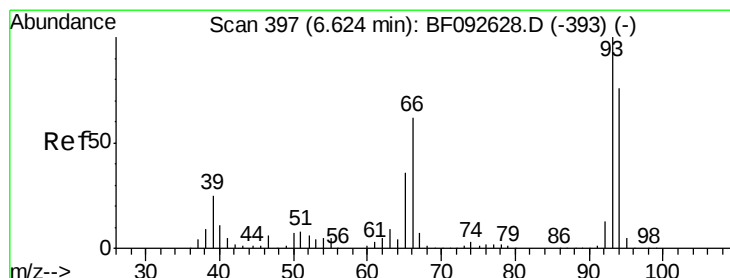
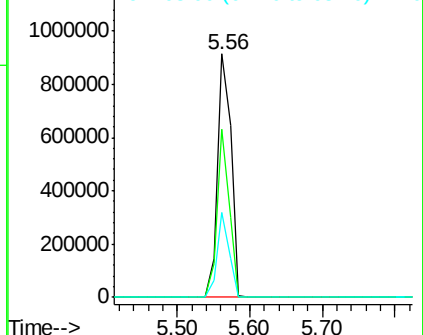
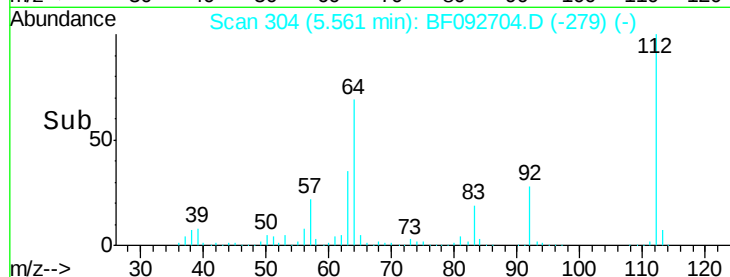
63 35.0 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 29.32 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

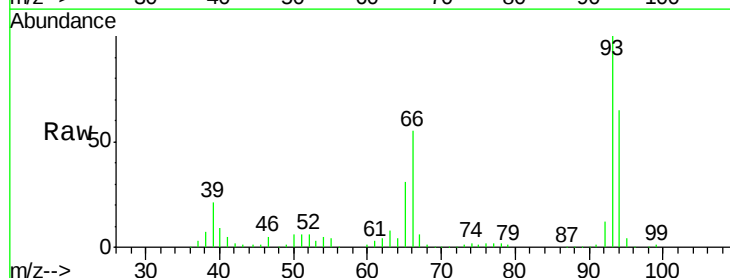
Tgt Ion: 93 Resp: 480531

Ion Ratio Lower Upper

93 100

66 54.8 76.2 114.2#

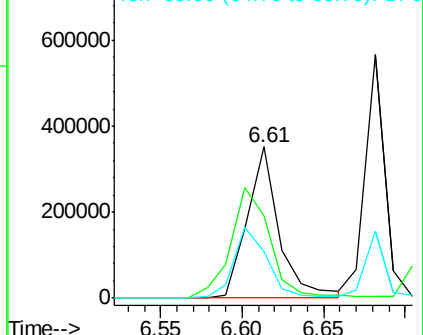
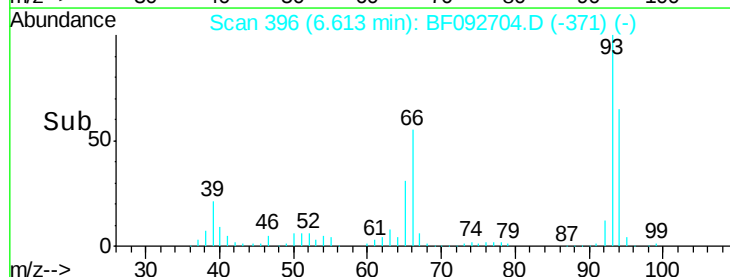
65 30.9 49.3 73.9#

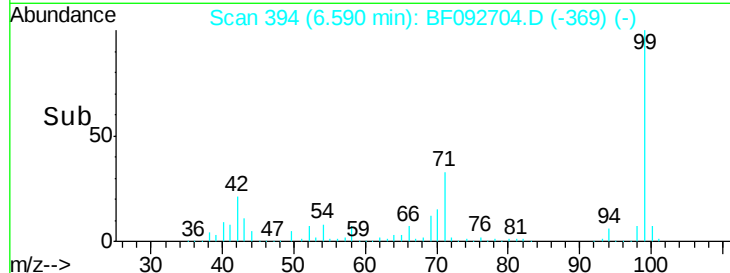
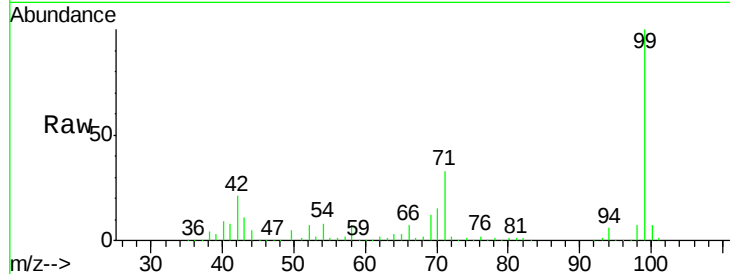


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 124.65 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

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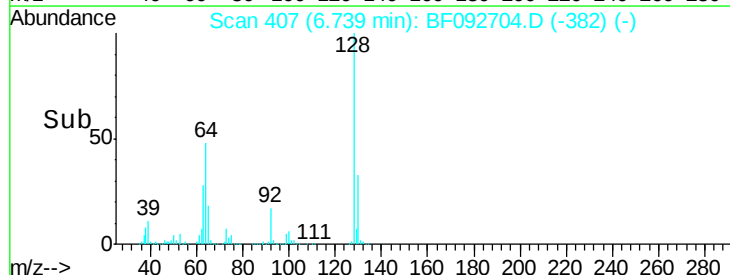
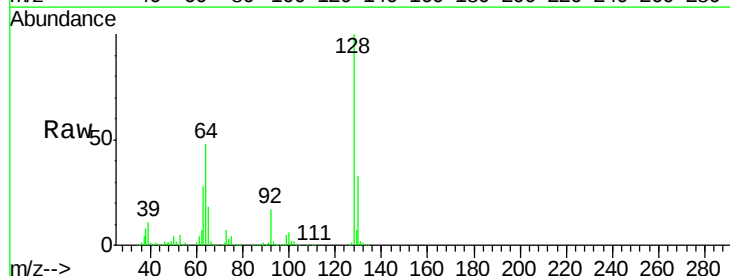
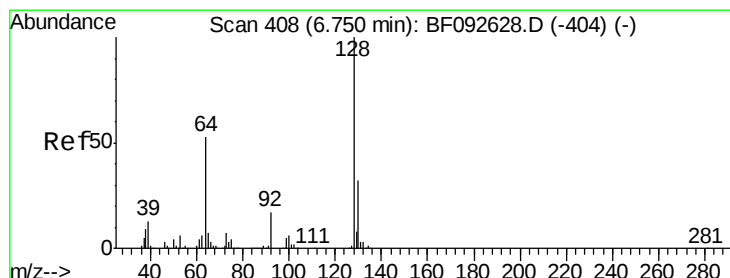
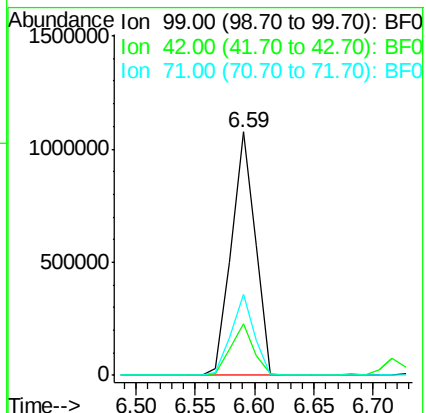
Tot Ion: 99 Resp: 1497410

Ion Ratio Lower Upper

99 100

42 21.2 15.6 23.4

71 33.1 27.5 41.3



#8

2-Chlorophenol

Concen: 44.77 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

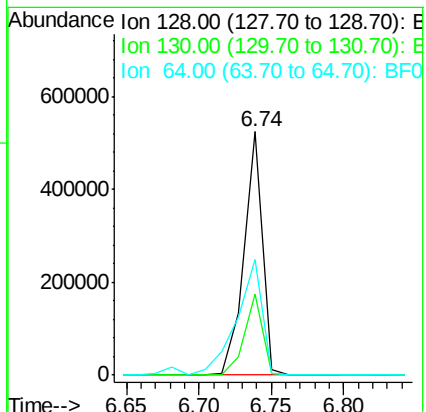
Tgt Ion:128 Resp: 461155

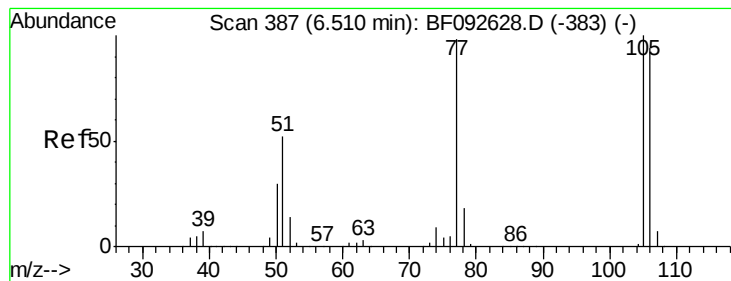
Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

64 47.7 32.2 72.2





#9

Benzaldehyde

Concen: 17.75 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

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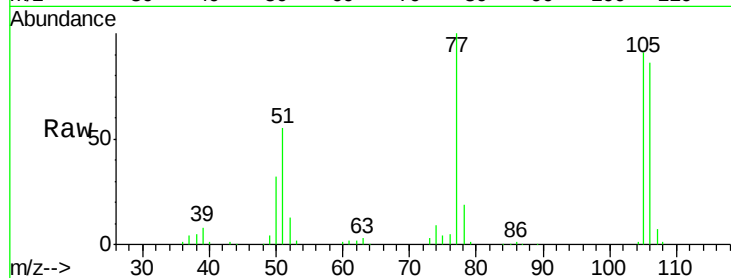
Tot Ion: 77 Resp: 152732

Ion Ratio Lower Upper

77 100

105 90.5 83.9 123.9

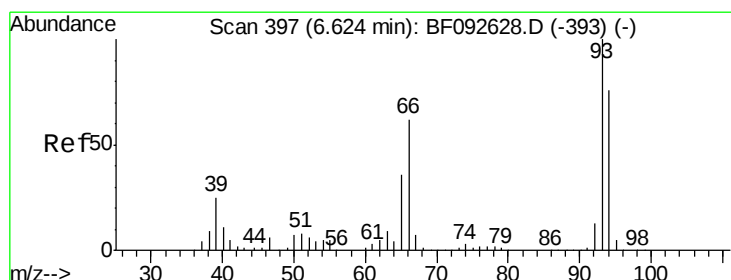
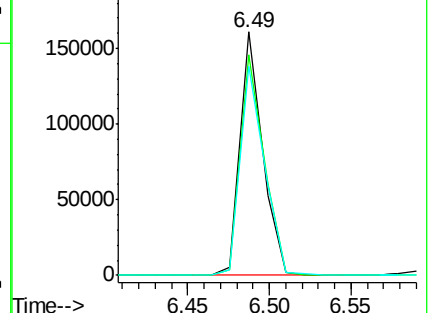
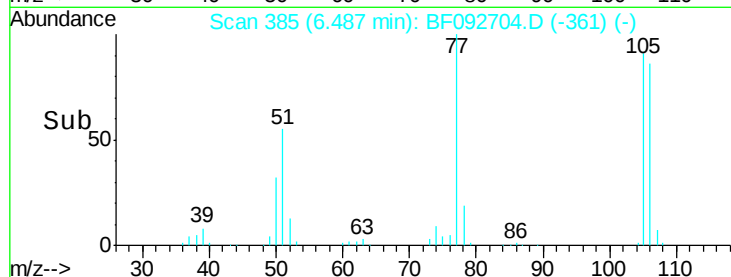
106 85.7 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 35.03 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

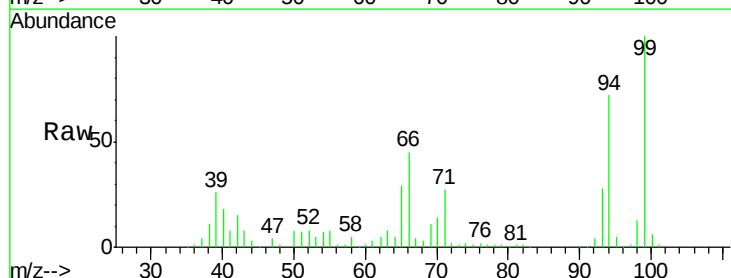
Tgt Ion: 94 Resp: 492370

Ion Ratio Lower Upper

94 100

65 40.4 21.4 61.4

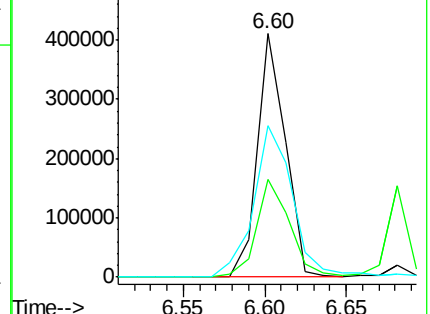
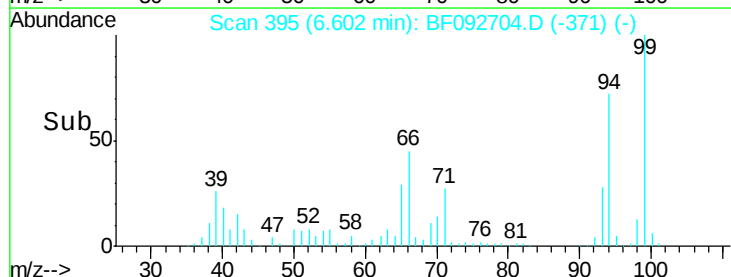
66 62.4 44.0 84.0

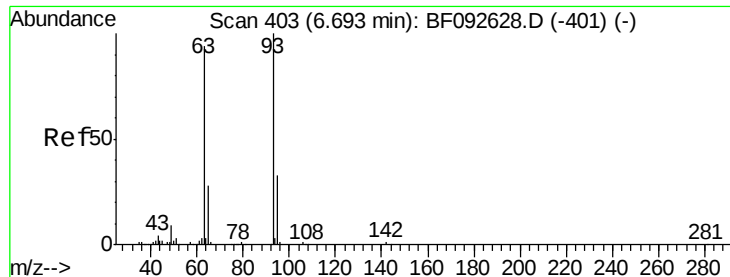


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

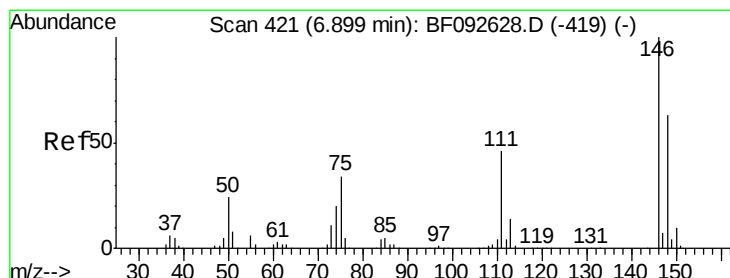
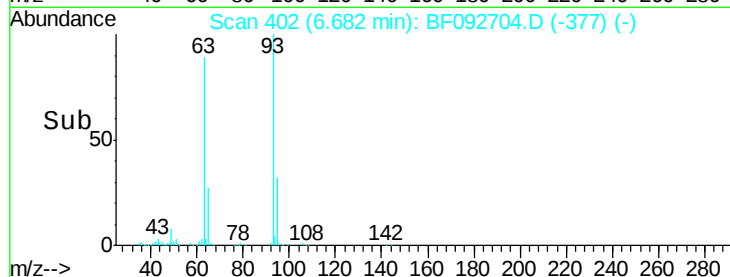
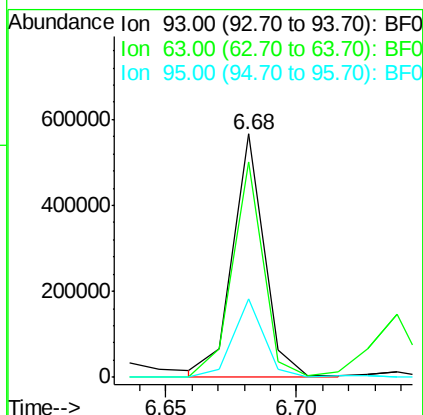
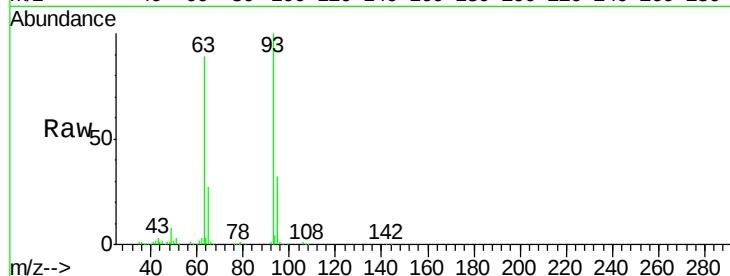




#11
bis(2-Chloroethyl)ether
Concen: 43.06 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF092704.D
Acq: 1 Feb 2017 15:14

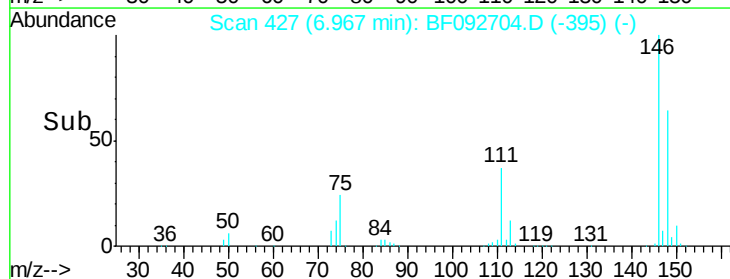
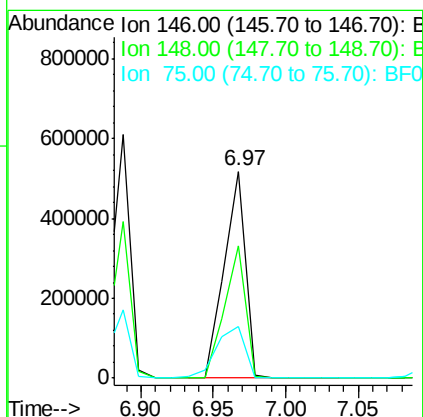
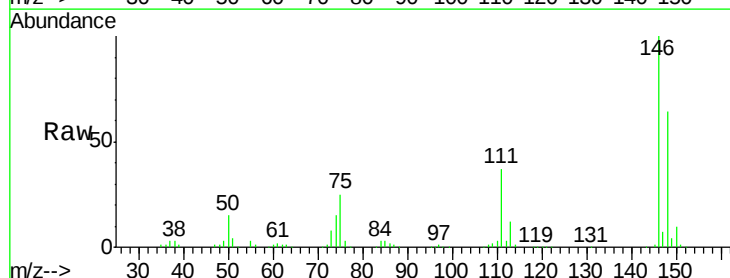
Instrument :
BNA_F
ClientSampleId :
PB96611BS

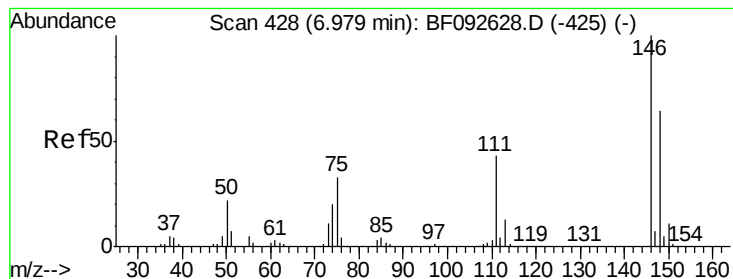
Tot Ion: 93 Resp: 483125
Ion Ratio Lower Upper
93 100
63 88.6 60.4 100.4
95 32.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 43.86 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.07 min
Lab File: BF092704.D
Acq: 1 Feb 2017 15:14

Tgt Ion: 146 Resp: 529161
Ion Ratio Lower Upper
146 100
148 64.1 53.4 80.0
75 24.7 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 43.34 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

Instrument :

BNA_F

ClientSampleId :

PB96611BS

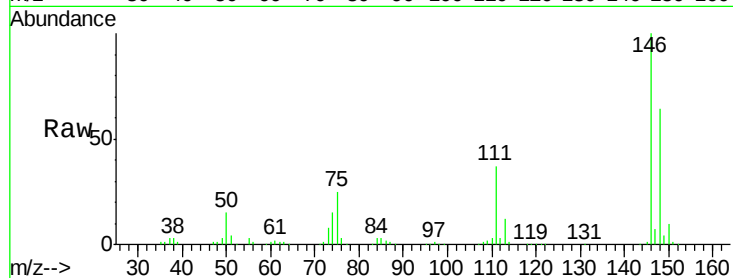
Tot Ion:146 Resp: 529161

Ion Ratio Lower Upper

146 100

148 64.1 50.6 76.0

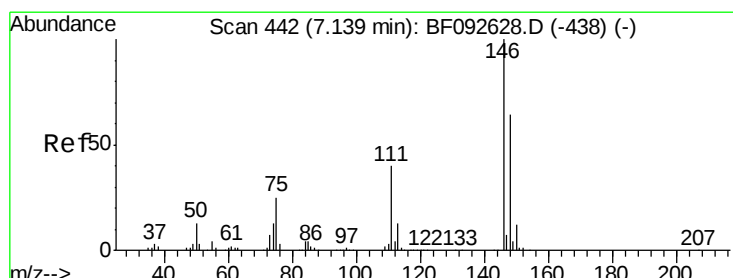
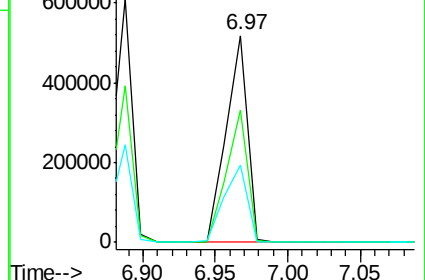
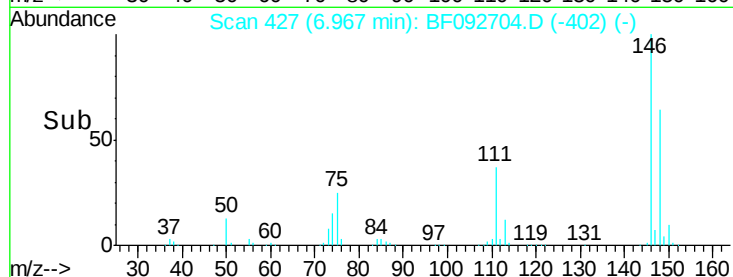
111 37.3 36.2 54.4



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: 39.80 ng

RT: 7.12 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

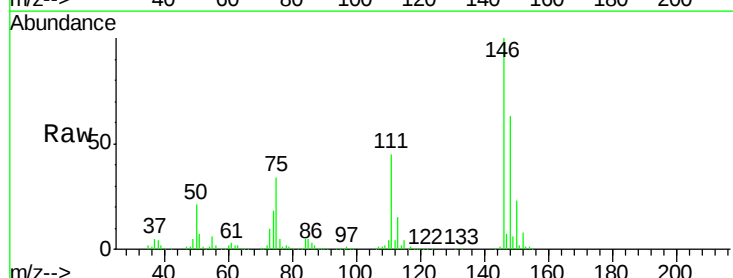
Tgt Ion:146 Resp: 464681

Ion Ratio Lower Upper

146 100

148 62.8 52.2 78.2

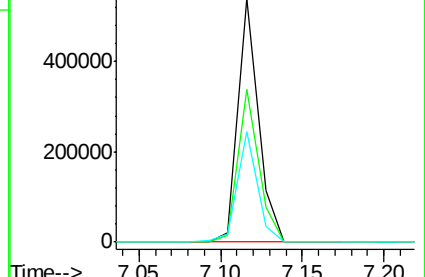
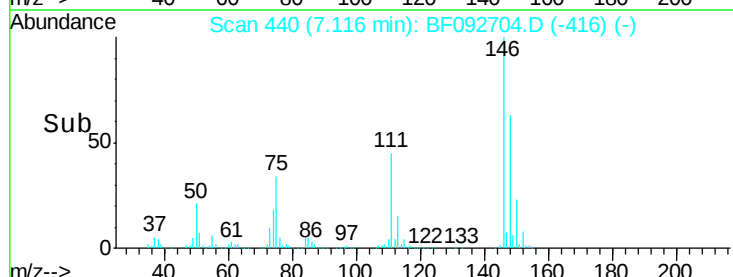
111 45.3 36.2 54.2



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

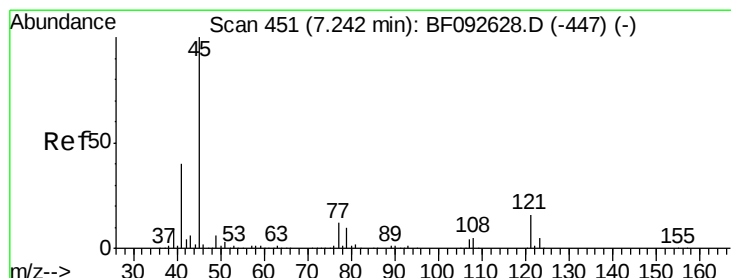
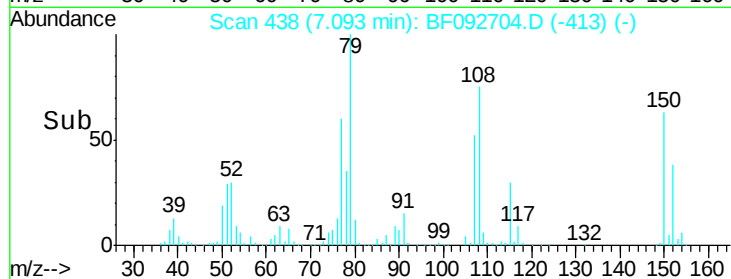
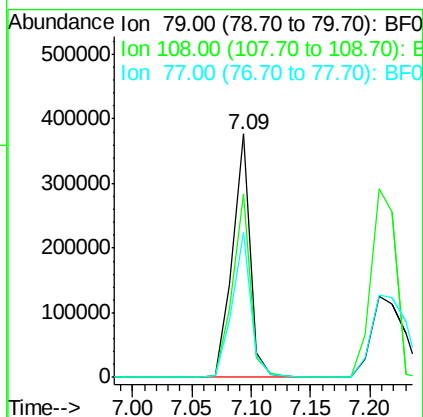
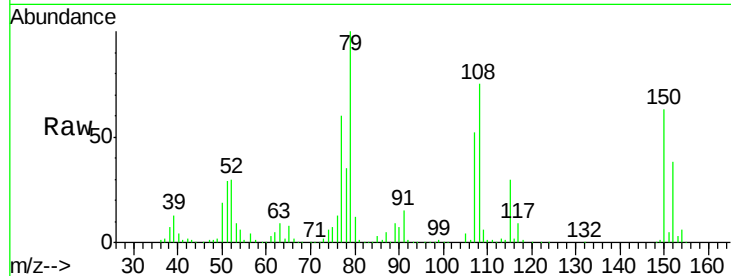




#15
Benzyl Alcohol
Concen: 44.15 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF092704.D
Acq: 1 Feb 2017 15:14

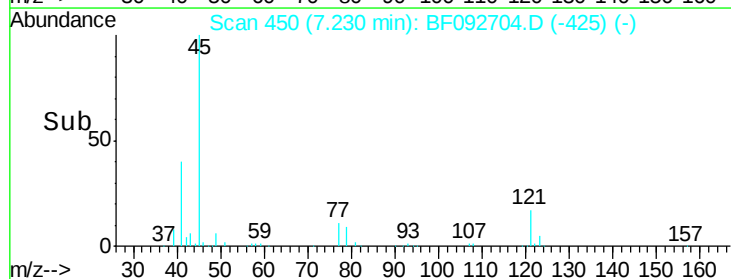
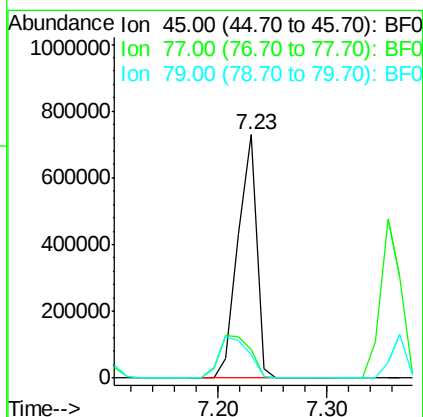
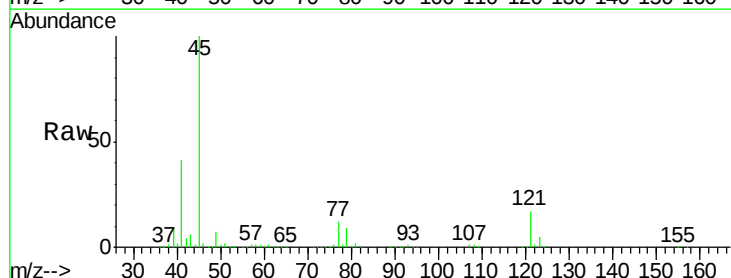
Instrument :
BNA_F
ClientSampleId :
PB96611BS

Tot Ion: 79 Resp: 392675
Ion Ratio Lower Upper
79 100
108 75.1 61.4 92.0
77 59.5 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.00 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF092704.D
Acq: 1 Feb 2017 15:14

Tgt Ion: 45 Resp: 857615
Ion Ratio Lower Upper
45 100
77 11.8 0.0 34.6
79 9.5 0.0 31.2

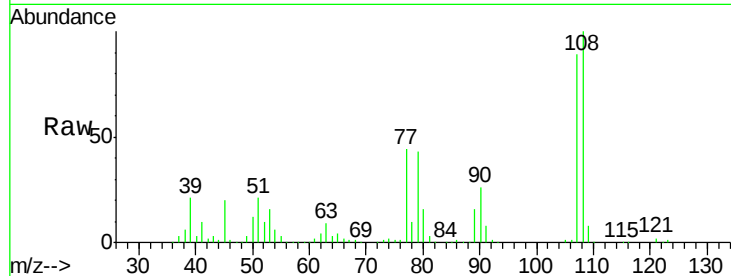




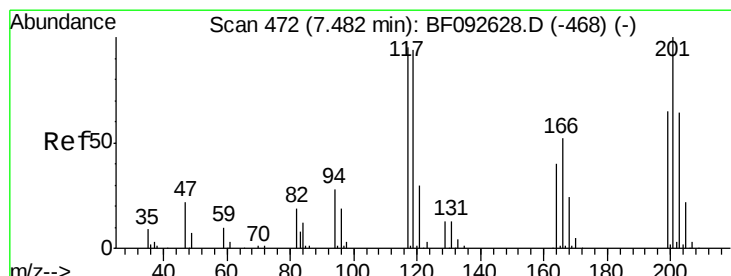
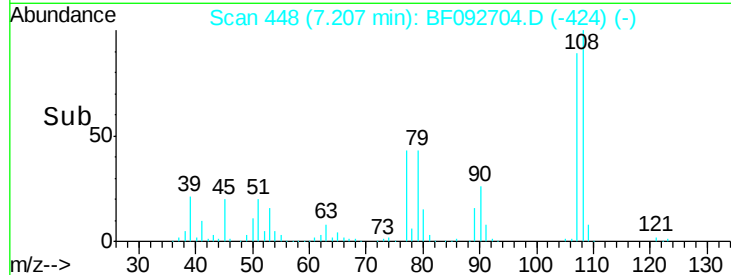
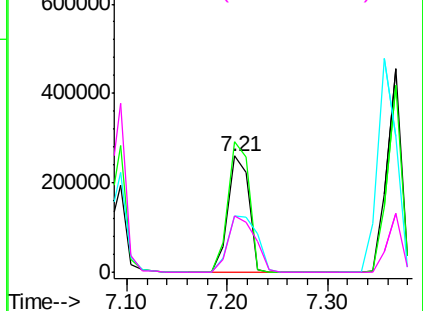
#17
2-Methylphenol
Concen: 42.79 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF092704.D
Acq: 1 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
PB96611BS

Tot Ion:	107	Resp:	378102
Ion	Ratio	Lower	Upper
107	100		
108	112.1	93.0	139.6
77	48.9	39.8	59.8
79	48.3	38.0	57.0

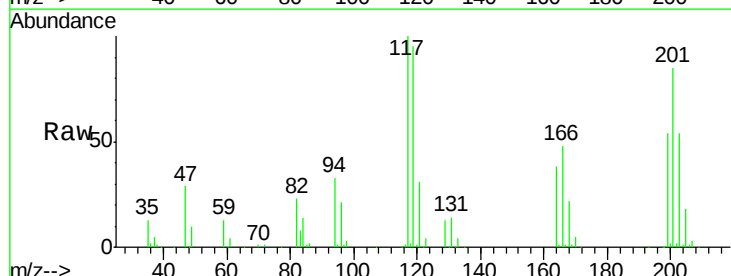


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

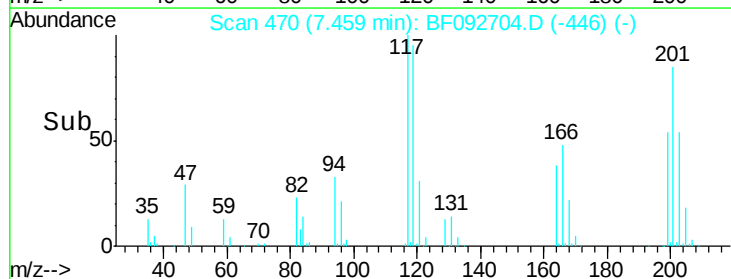
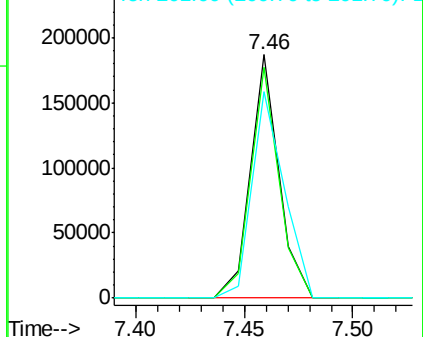


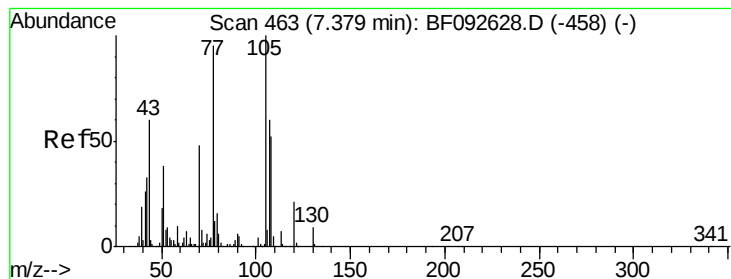
#18
Hexachloroethane
Concen: 40.70 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF092704.D
Acq: 1 Feb 2017 15:14

Tgt Ion:	117	Resp:	169659
Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.1	117.1
201	84.7	78.6	117.8



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 43.04 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

Instrument :

BNA_F

ClientSampleId :

PB96611BS

Tot Ion: 70 Resp: 329132

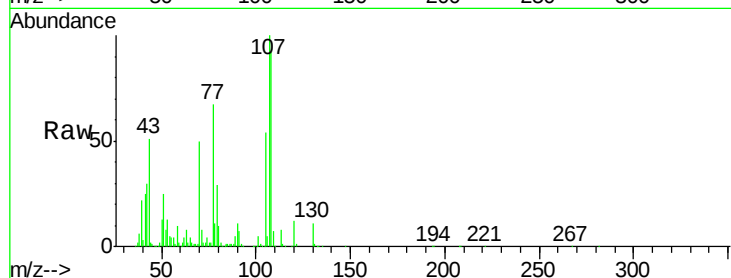
Ion Ratio Lower Upper

70 100

42 60.2 49.4 74.0

101 9.7 7.4 11.2

130 22.5 14.2 21.4#

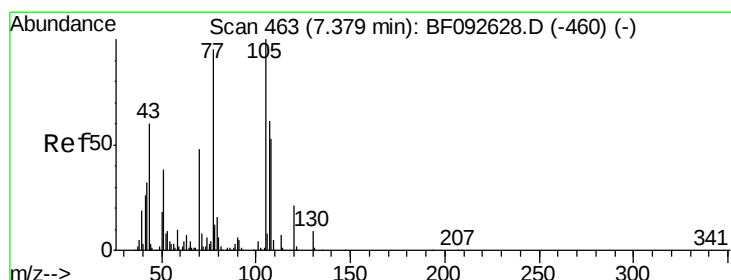
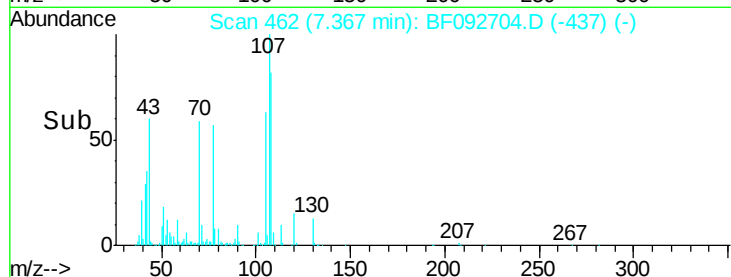
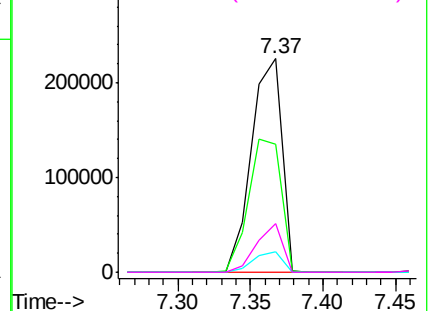


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 43.99 ng

RT: 7.37 min Scan# 462

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

Tgt Ion: 107 Resp: 464748

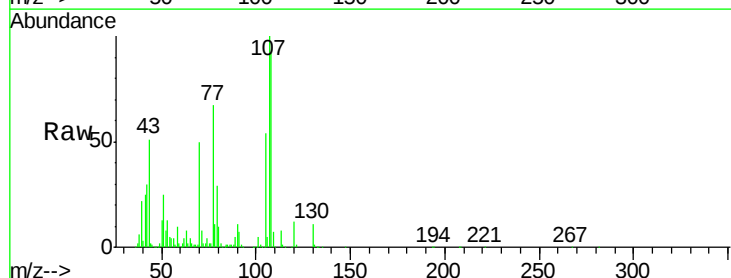
Ion Ratio Lower Upper

107 100

108 92.2 73.0 113.0

77 67.0 71.3 111.3#

79 29.3 11.1 51.1

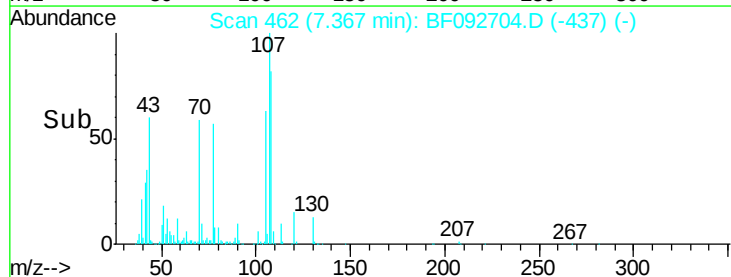
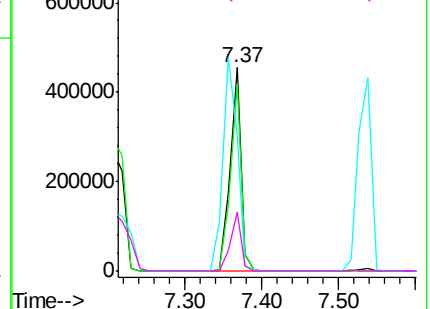


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

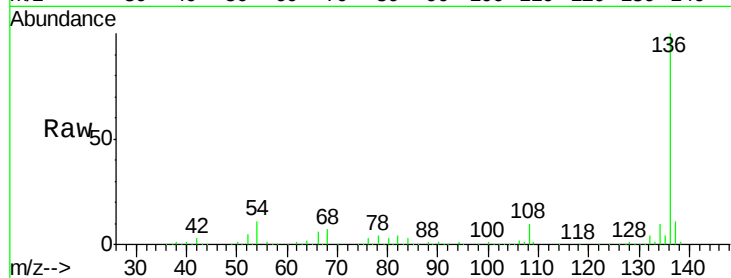




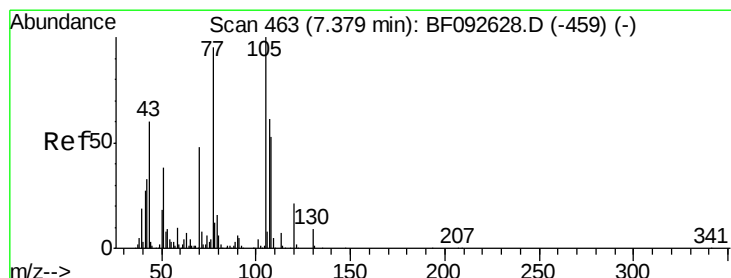
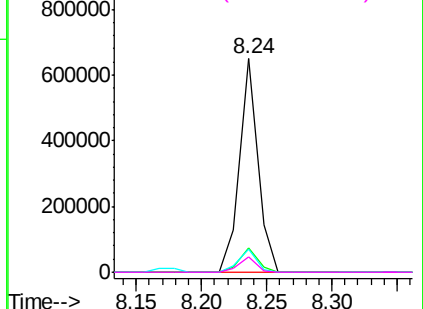
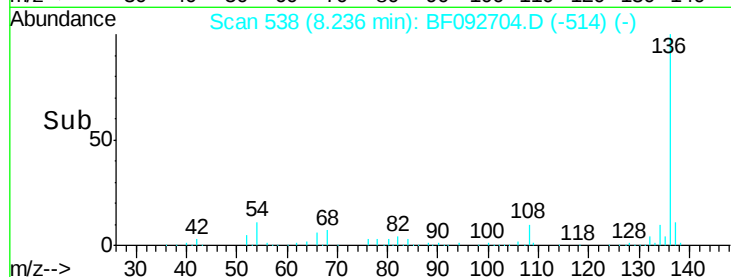
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092704.D
Acq: 1 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
PB96611BS

Tot Ion:136	Resp:	635930
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.4 12.6
54	10.5	4.5 6.7#
68	7.3	3.6 5.4#

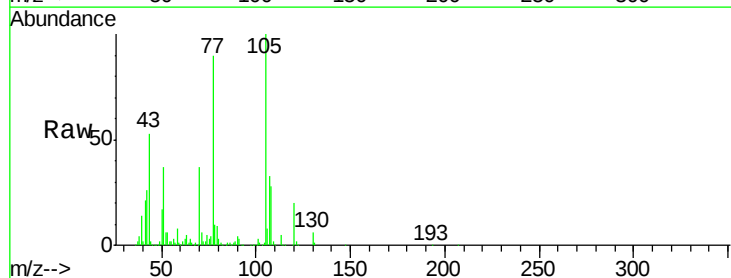


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

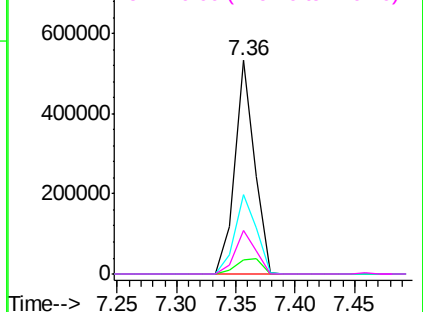
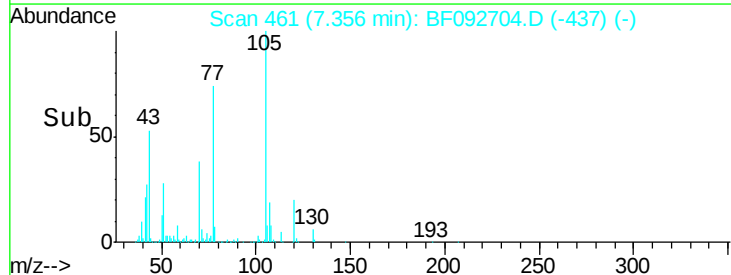


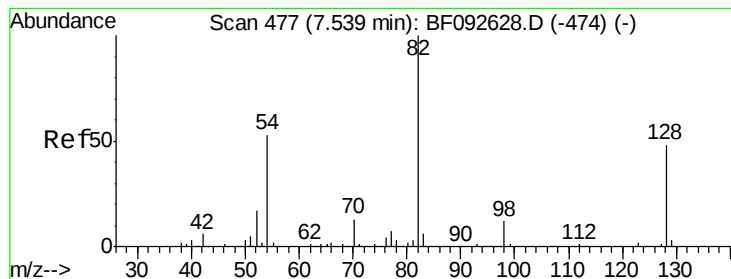
#22
Acetophenone
Concen: 42.67 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF092704.D
Acq: 1 Feb 2017 15:14

Tgt Ion:105	Resp:	619585
Ion Ratio	Lower	Upper
105	100	
71	6.4	3.2 4.8#
51	36.9	26.2 39.4
120	20.3	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: 83.95 ng

RT: 7.52 min Scan# 475

Delta R.T. -0.02 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

Instrument :

BNA_F

ClientSampleId :

PB96611BS

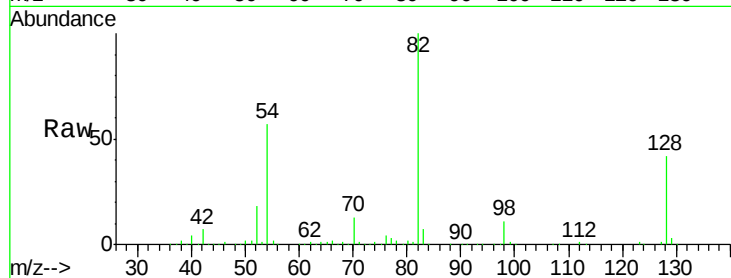
Tot Ion: 82 Resp: 958700

Ion Ratio Lower Upper

82 100

128 41.6 34.6 52.0

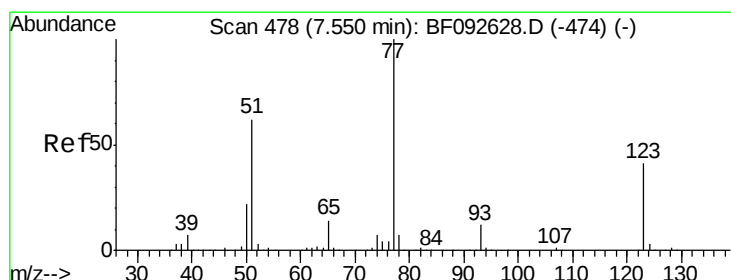
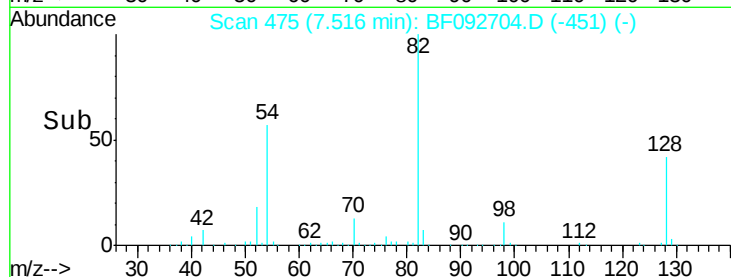
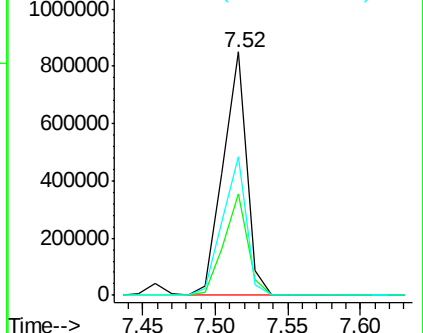
54 57.0 39.5 59.3



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: 45.07 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

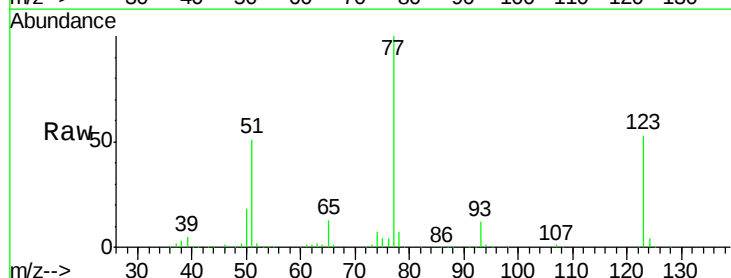
Tgt Ion: 77 Resp: 528512

Ion Ratio Lower Upper

77 100

123 53.4 33.0 49.4#

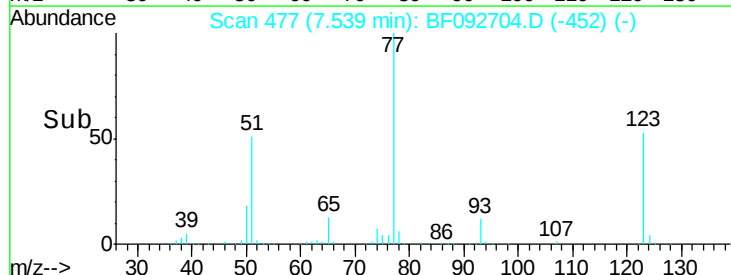
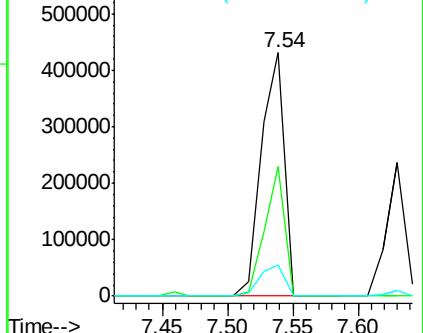
65 12.5 11.2 16.8

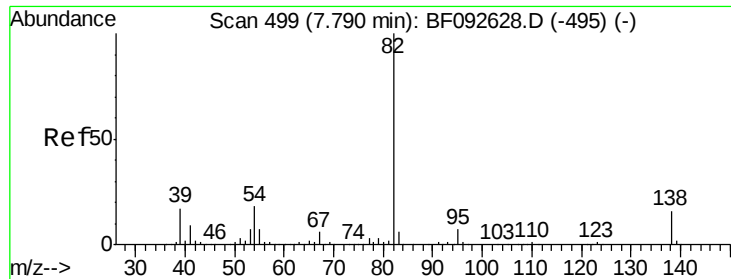


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.48 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

Instrument :

BNA_F

ClientSampleId :

PB96611BS

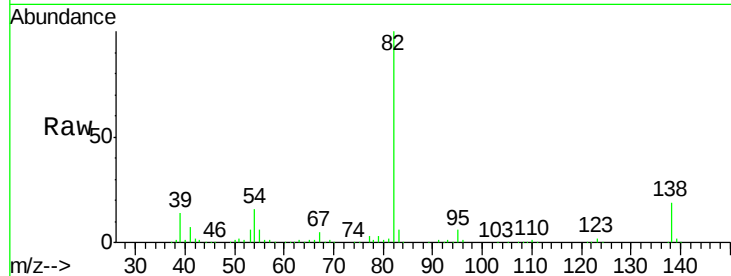
Tot Ion: 82 Resp: 925338

Ion Ratio Lower Upper

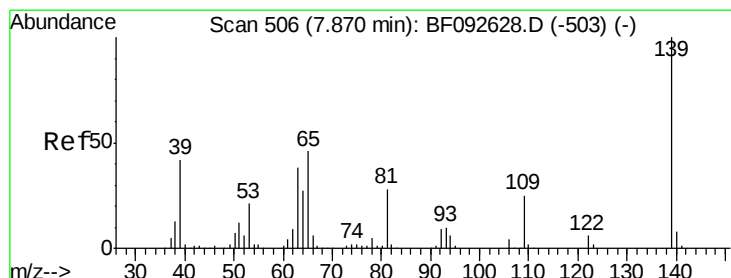
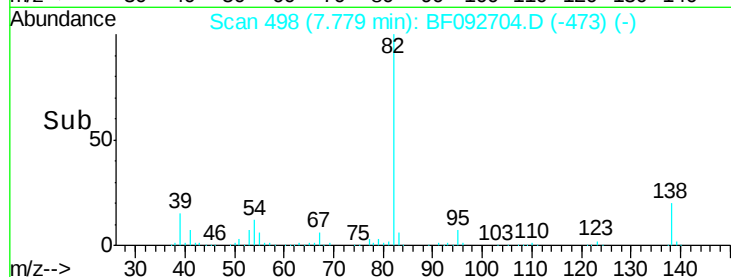
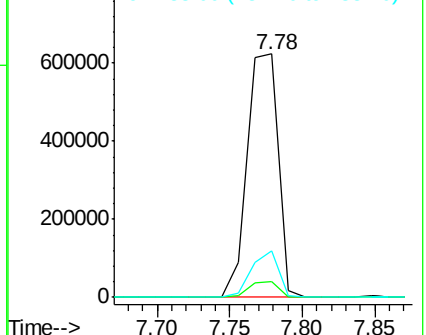
82 100

95 6.4 5.6 8.4

138 19.2 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: 41.60 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

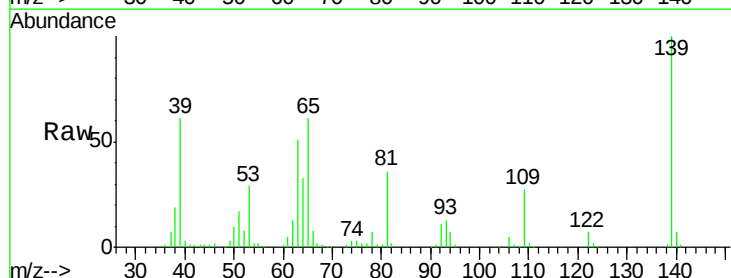
Tgt Ion: 139 Resp: 231864

Ion Ratio Lower Upper

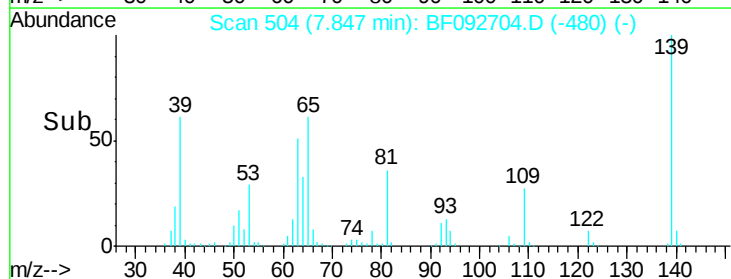
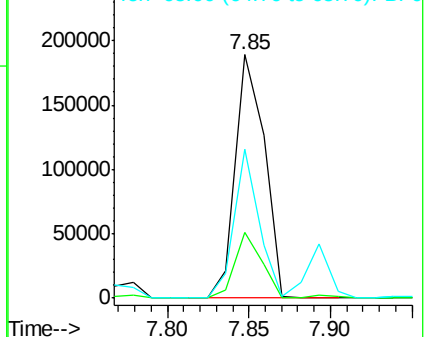
139 100

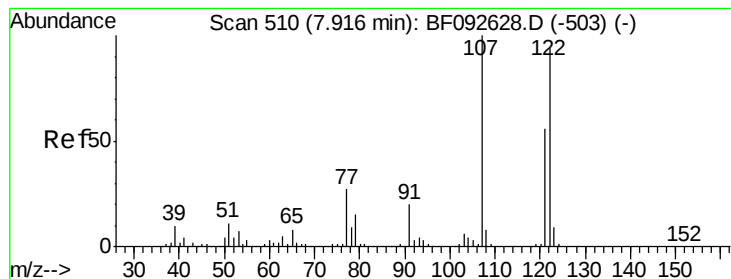
109 26.9 23.3 34.9

65 60.9 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: 41.38 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

Instrument :

BNA_F

ClientSampleId :

PB96611BS

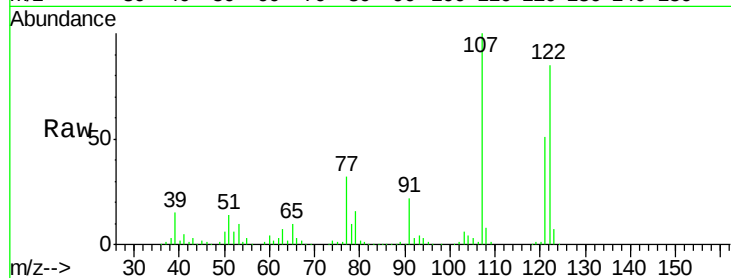
Tot Ion:122 Resp: 405032

Ion Ratio Lower Upper

122 100

107 117.2 94.1 141.1

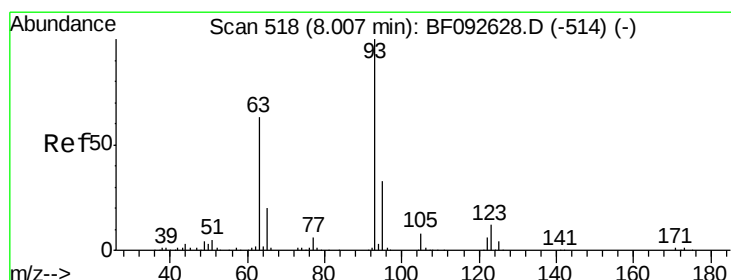
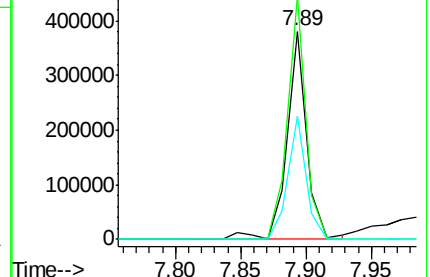
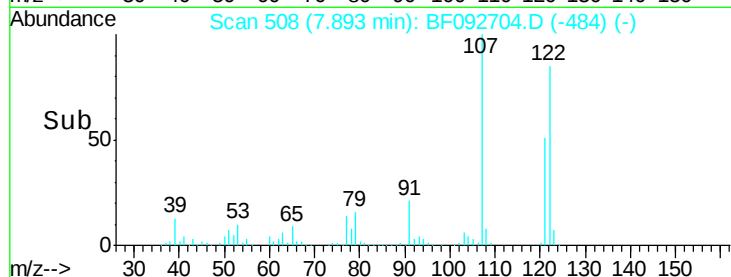
121 59.6 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.84 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

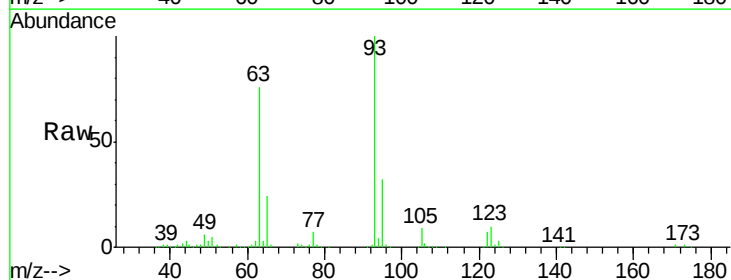
Tgt Ion: 93 Resp: 561428

Ion Ratio Lower Upper

93 100

95 32.4 26.5 39.7

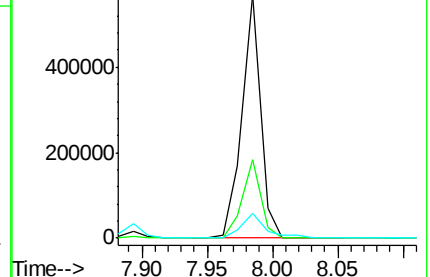
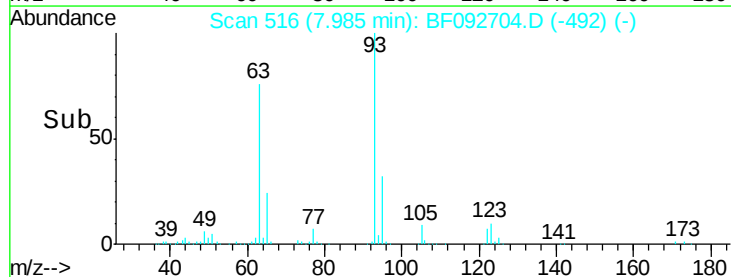
123 10.3 8.6 13.0

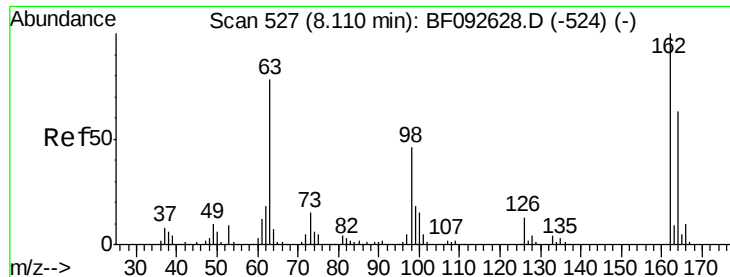


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

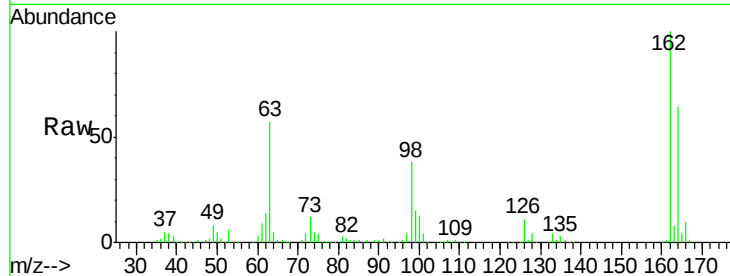




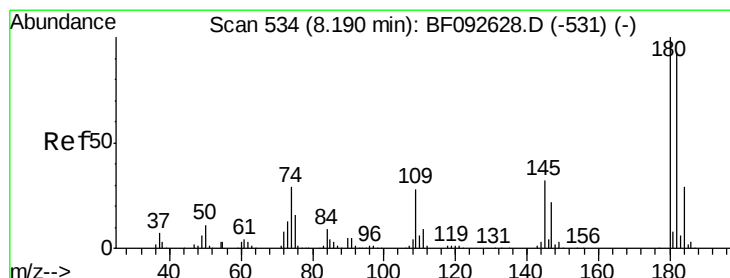
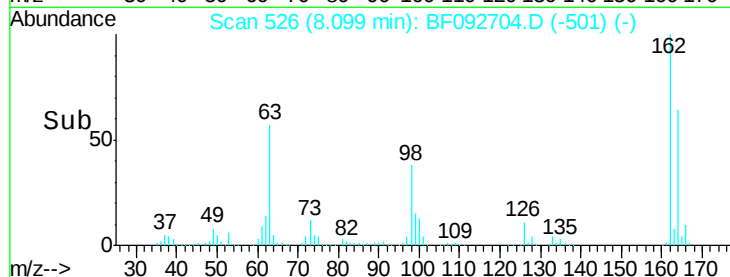
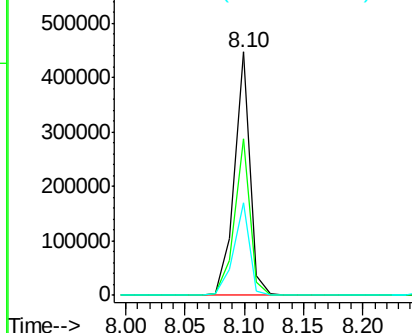
#29
 2,4-Dichlorophenol
 Concen: 44.61 ng
 RT: 8.10 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: BF092704.D
 Acq: 1 Feb 2017 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB96611BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	46.8	86.8
98	38.0	9.1	49.1

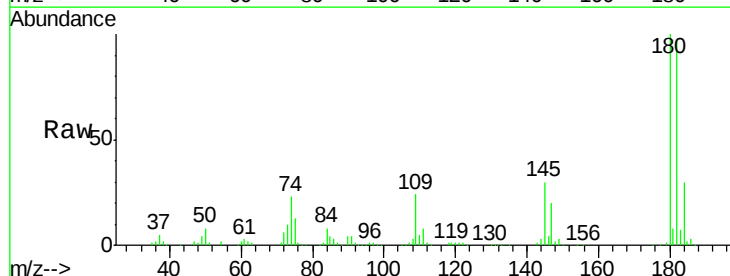


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

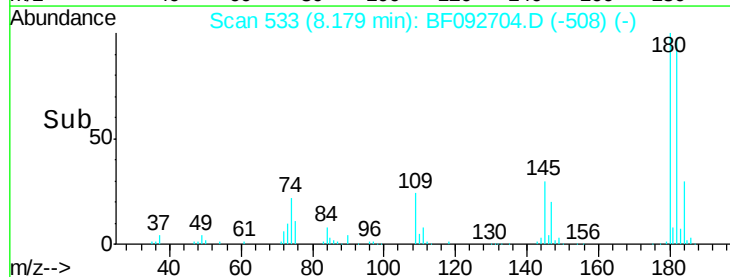
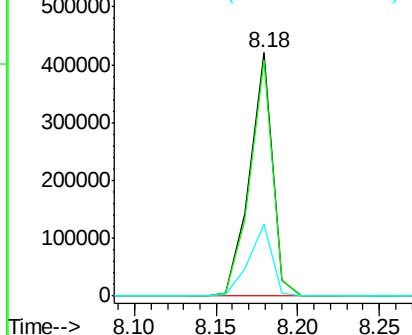


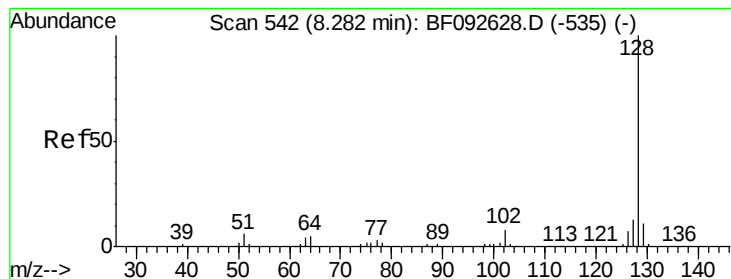
#30
 1,2,4-Trichlorobenzene
 Concen: 41.52 ng
 RT: 8.18 min Scan# 533
 Delta R.T. -0.01 min
 Lab File: BF092704.D
 Acq: 1 Feb 2017 15:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	78.2	117.4
145	29.7	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: 38.10 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.02 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

Instrument :

BNA_F

ClientSampleId :

PB96611BS

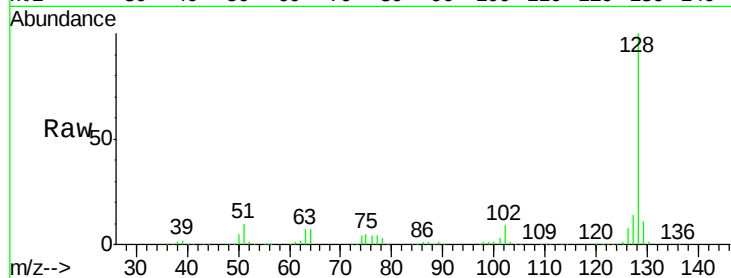
Tot Ion:128 Resp: 1228146

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

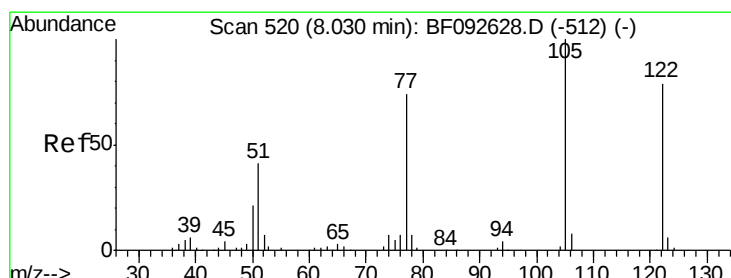
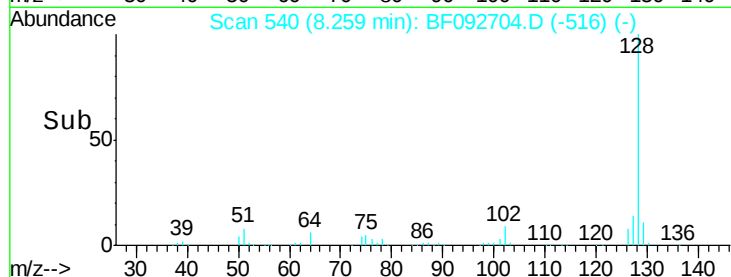
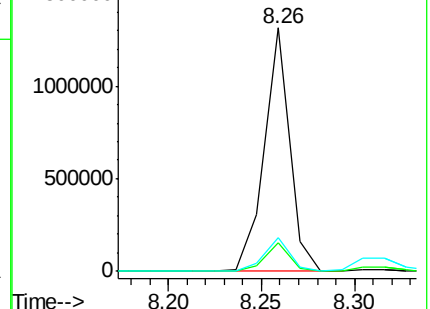
127 13.8 10.8 16.2



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: 47.02 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

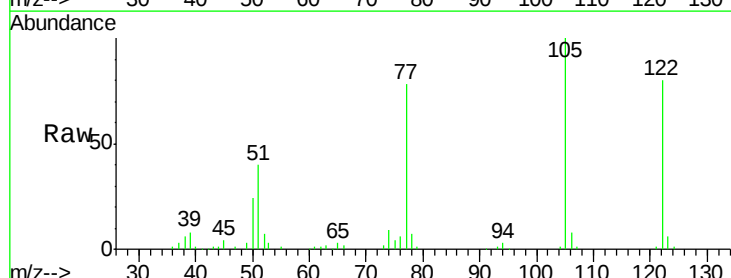
Tgt Ion:122 Resp: 259821

Ion Ratio Lower Upper

122 100

105 124.8 107.2 147.2

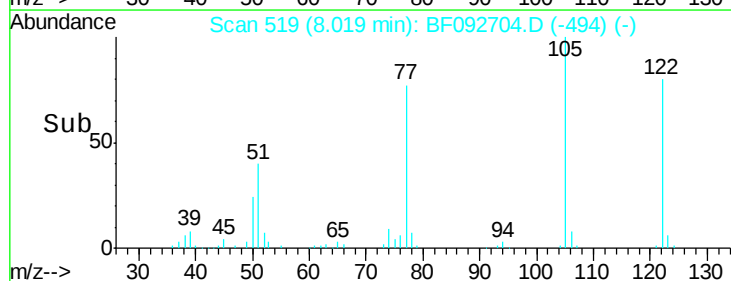
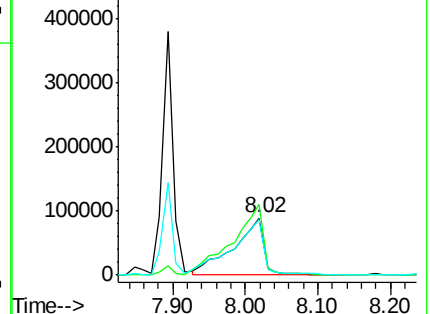
77 96.8 74.5 114.5



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

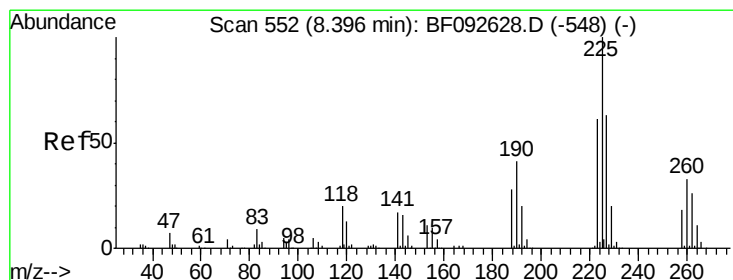
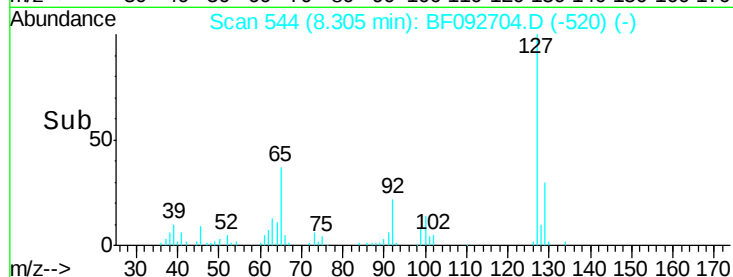
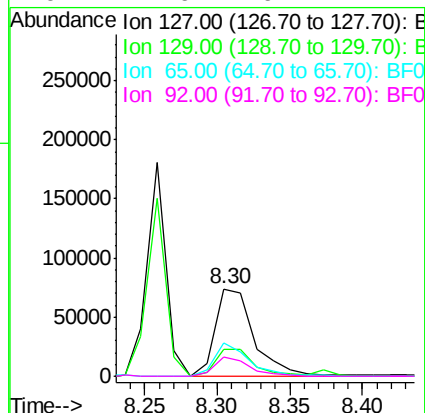
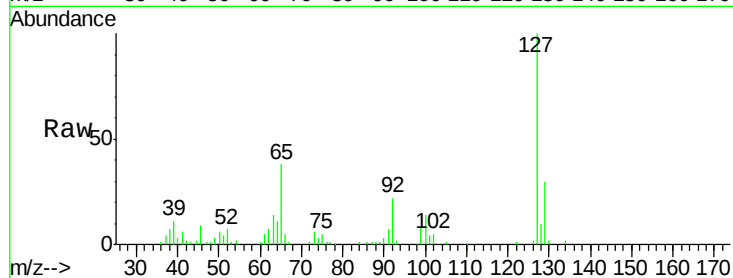




#33
 4-Chloroaniline
 Concen: 10.82 ng
 RT: 8.30 min Scan# 544
 Delta R.T. -0.02 min
 Lab File: BF092704.D
 Acq: 1 Feb 2017 15:14

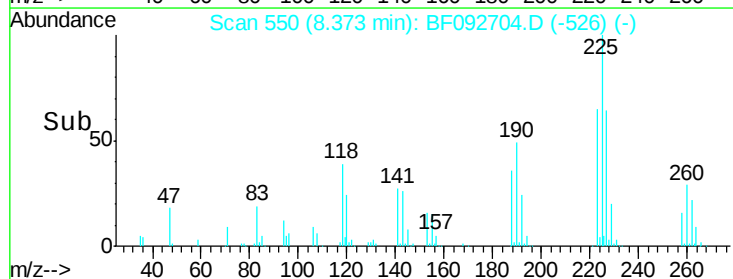
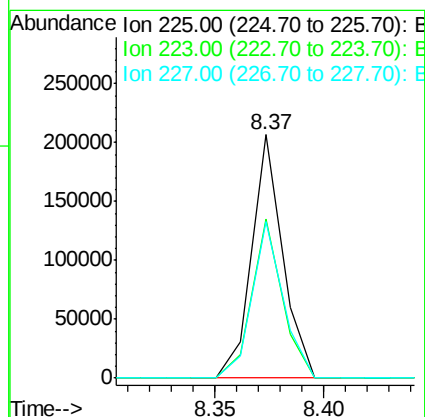
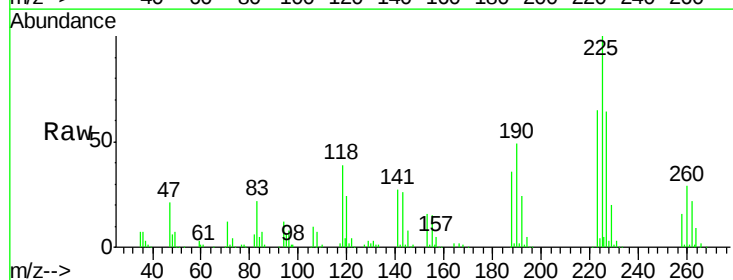
Instrument :
 BNA_F
 ClientSampleId :
 PB96611BS

Tot Ion:	127	Resp:	136732
Ion	Ratio	Lower	Upper
127	100		
129	30.5	26.3	39.5
65	37.9	25.8	38.8
92	21.6	16.1	24.1



#34
 Hexachlorobutadiene
 Concen: 37.64 ng
 RT: 8.37 min Scan# 550
 Delta R.T. -0.02 min
 Lab File: BF092704.D
 Acq: 1 Feb 2017 15:14

Tgt Ion:	225	Resp:	203736
Ion	Ratio	Lower	Upper
225	100		
223	65.4	51.0	76.6
227	64.1	50.6	76.0





#35

Caprolactam

Concen: 46.62 ng

RT: 8.68 min Scan# 577

Delta R.T. -0.02 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

Instrument :

BNA_F

ClientSampleId :

PB96611BS

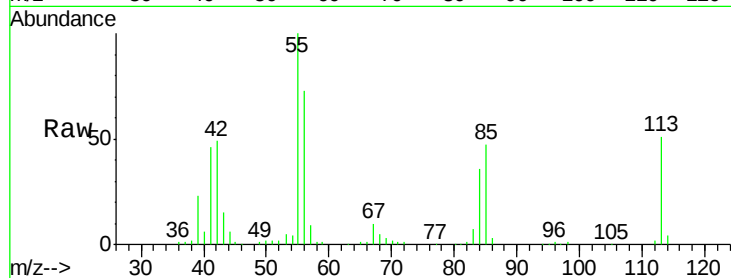
Tot Ion:113 Resp: 133876

Ion Ratio Lower Upper

113 100

55 194.2 119.2 159.2#

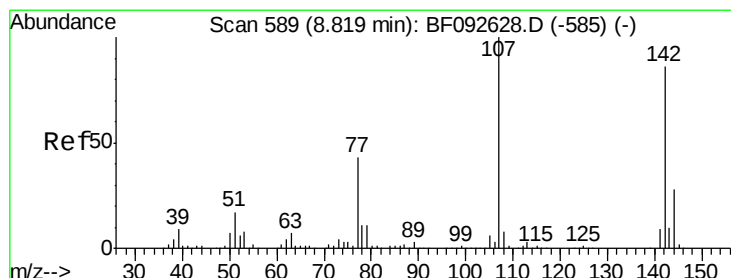
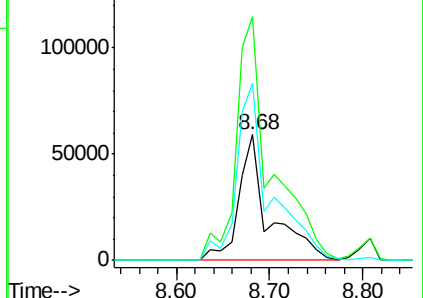
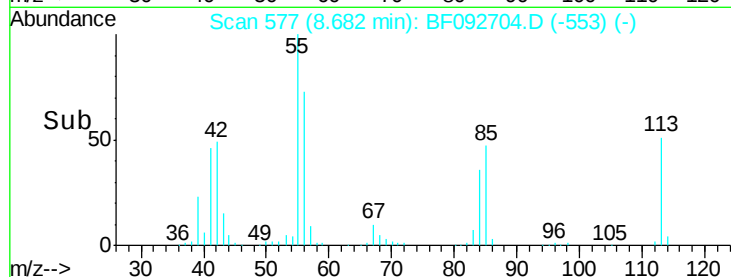
56 141.3 83.8 123.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 46.60 ng

RT: 8.81 min Scan# 588

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

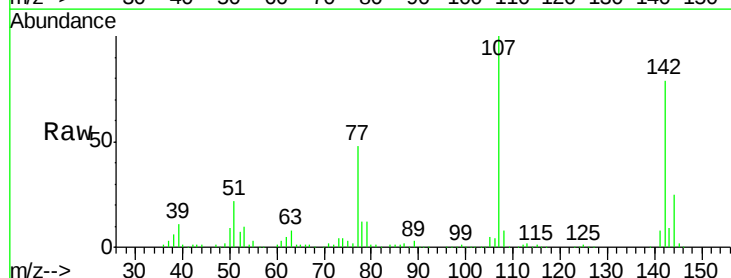
Tgt Ion:107 Resp: 443555

Ion Ratio Lower Upper

107 100

144 25.3 19.3 28.9

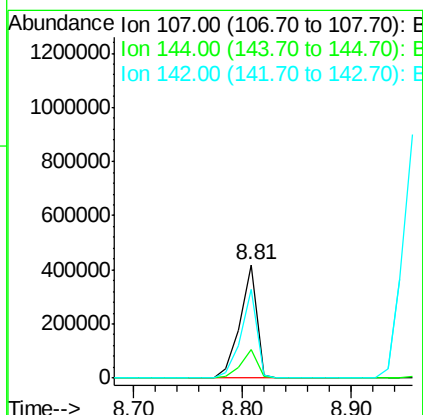
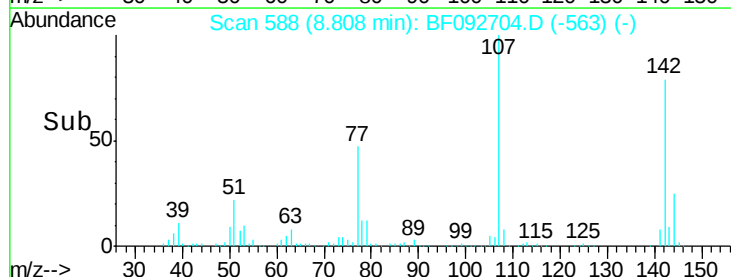
142 78.9 59.0 88.6

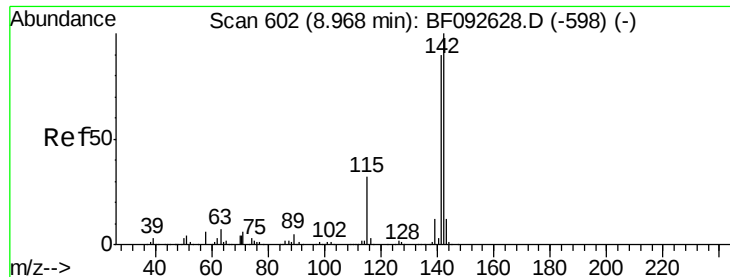


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

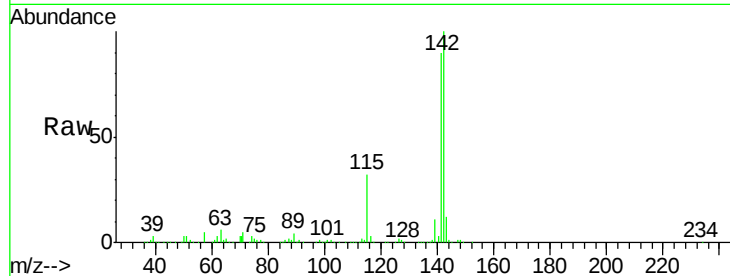




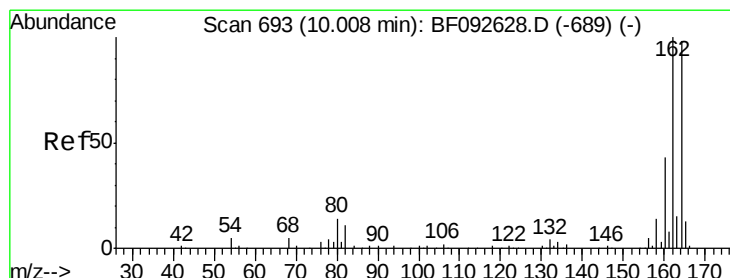
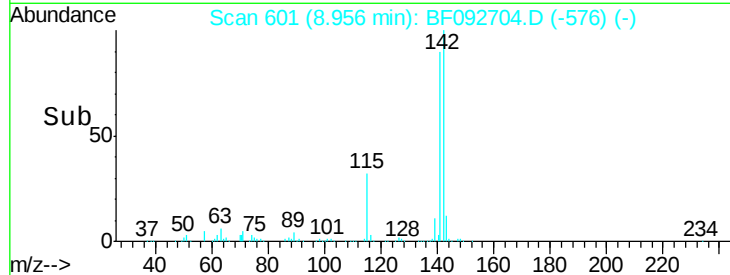
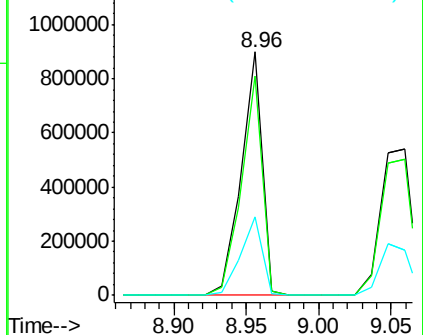
#37
2-Methylnaphthalene
Concen: 43.76 ng
RT: 8.96 min Scan# 601
Delta R.T. -0.01 min
Lab File: BF092704.D
Acq: 1 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
PB96611BS

Tot Ion:142 Resp: 905792
Ion Ratio Lower Upper
142 100
141 90.1 71.0 106.6
115 32.5 28.3 42.5

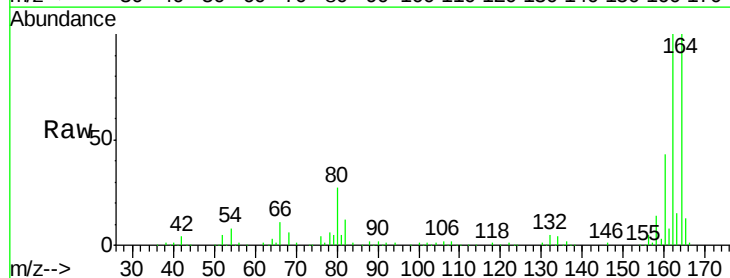


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

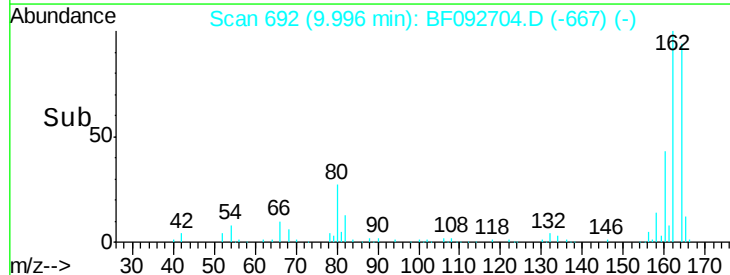
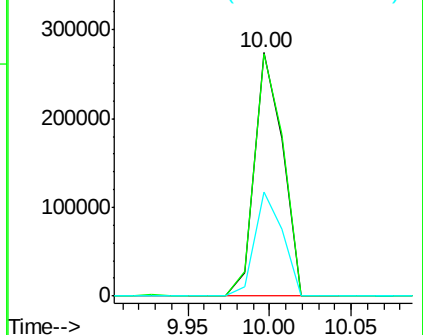


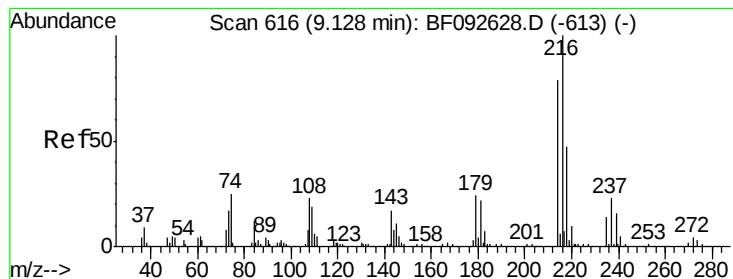
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092704.D
Acq: 1 Feb 2017 15:14

Tgt Ion:164 Resp: 329303
Ion Ratio Lower Upper
164 100
162 99.7 80.2 120.2
160 43.0 36.9 55.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 40.12 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

Instrument :

BNA_F

ClientSampleId :

PB96611BS

Tot Ion:216 Resp: 370833

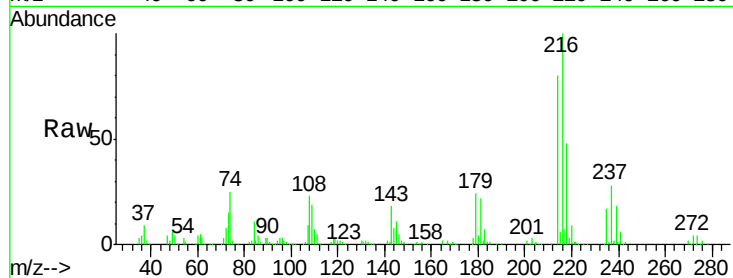
Ion Ratio Lower Upper

216 100

214 78.8 63.4 95.0

179 21.4 17.4 26.2

108 20.6 15.6 23.4

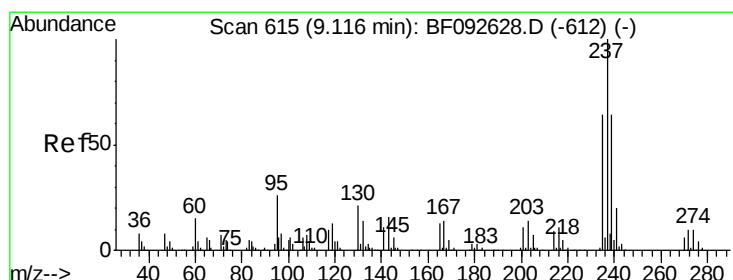
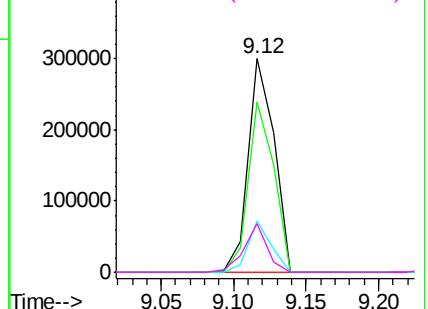
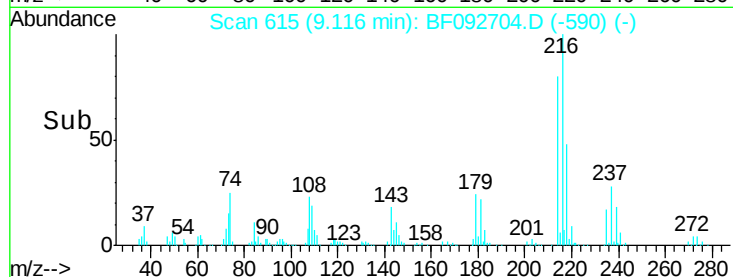


Abundance Ion 216.00 (215.70 to 216.70): E

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: 78.91 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

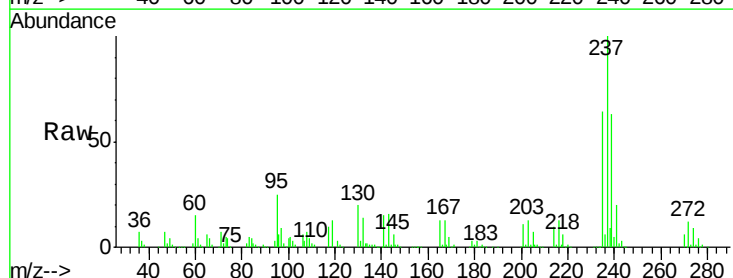
Tgt Ion:237 Resp: 329111

Ion Ratio Lower Upper

237 100

235 63.5 41.2 81.2

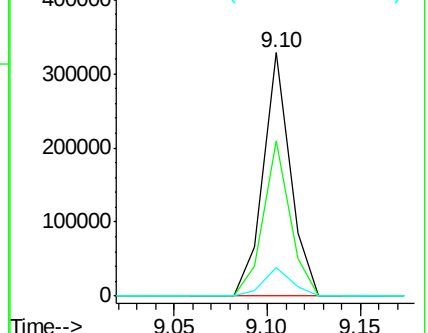
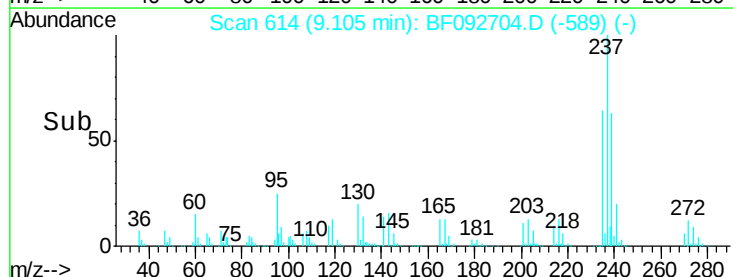
272 11.8 0.0 35.4

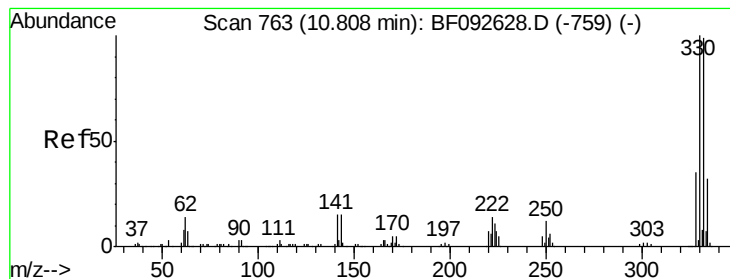


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E





#41

2,4,6-Tribromophenol

Concen: 119.25 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

Instrument :

BNA_F

ClientSampleId :

PB96611BS

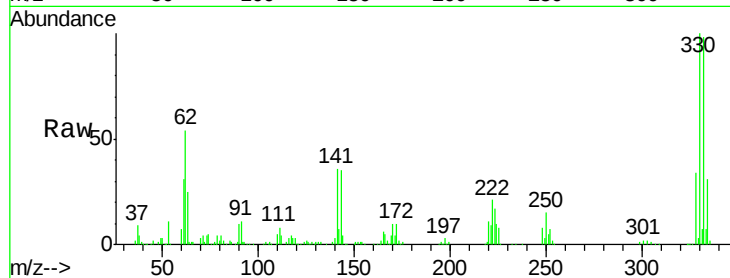
Tot Ion:330 Resp: 284015

Ion Ratio Lower Upper

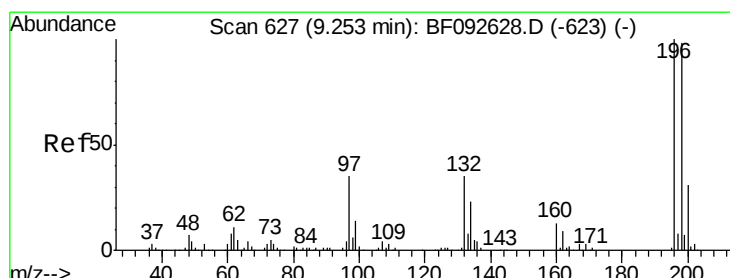
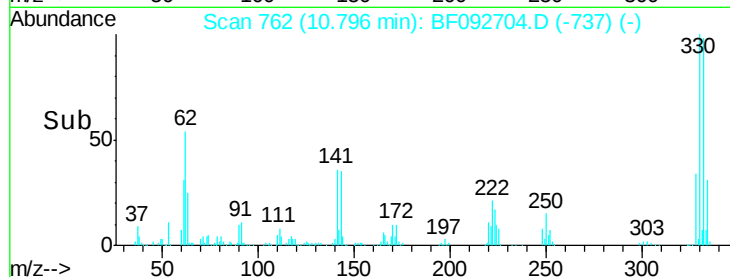
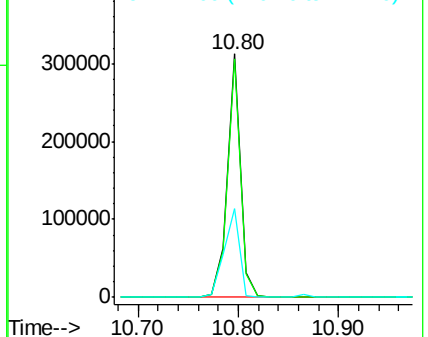
330 100

332 97.7 77.4 116.2

141 42.6 34.1 51.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#42

2,4,6-Trichlorophenol

Concen: 45.51 ng

RT: 9.24 min Scan# 626

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

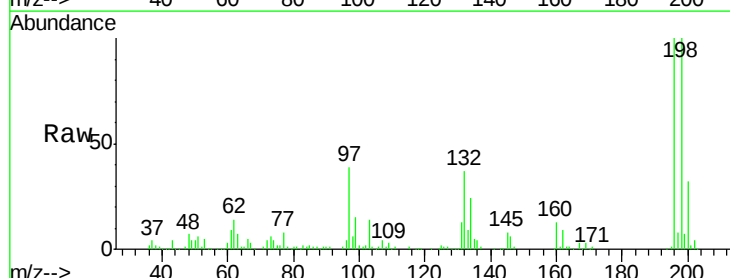
Tgt Ion:196 Resp: 276404

Ion Ratio Lower Upper

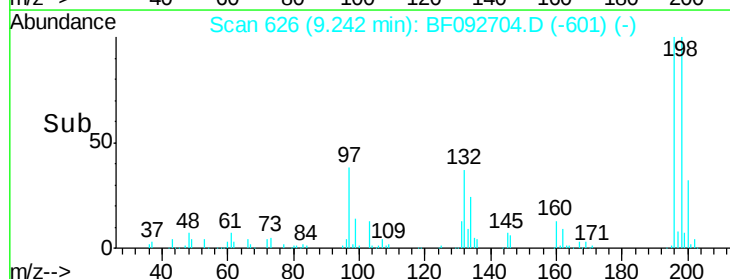
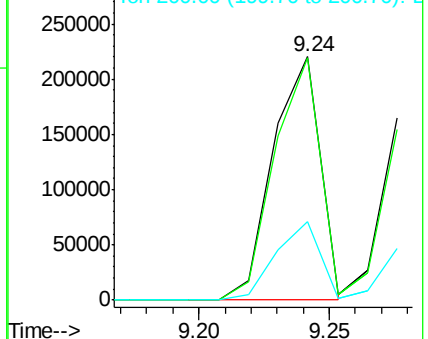
196 100

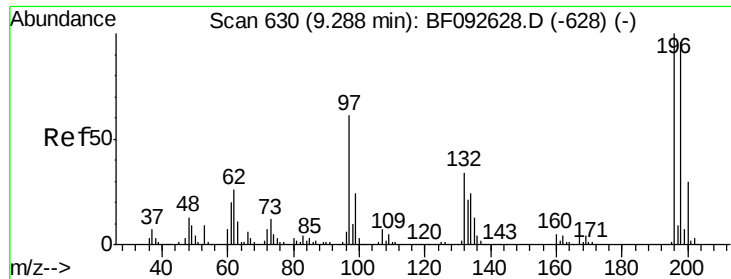
198 99.7 82.1 123.1

200 32.0 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E
Ion 198.00 (197.70 to 198.70): E
Ion 200.00 (199.70 to 200.70): E

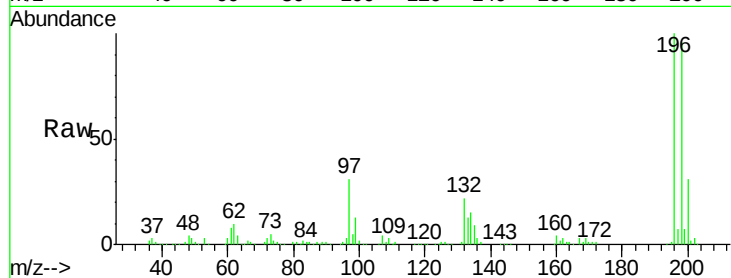




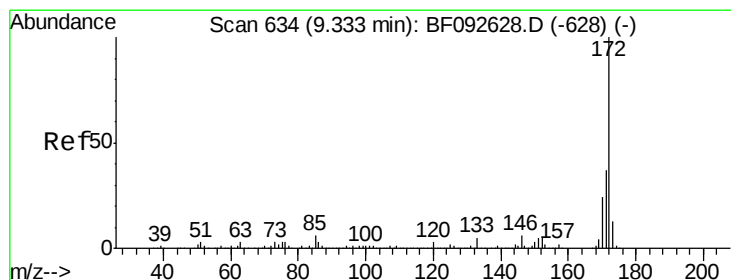
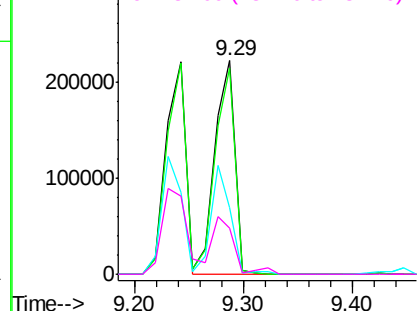
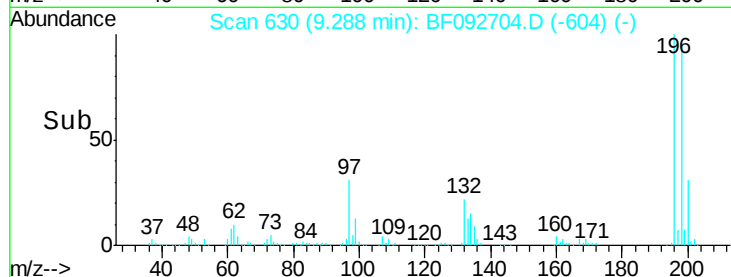
#43
 2,4,5-Trichlorophenol
 Concen: 43.35 ng
 RT: 9.29 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF092704.D
 Acq: 1 Feb 2017 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB96611BS

Tot Ion	Ratio	Lower	Upper
196	100		
198	96.3	79.4	119.2
97	31.3	51.5	77.3#
132	21.9	27.4	41.2#

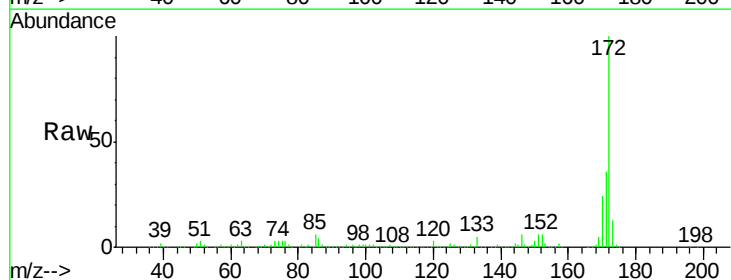


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

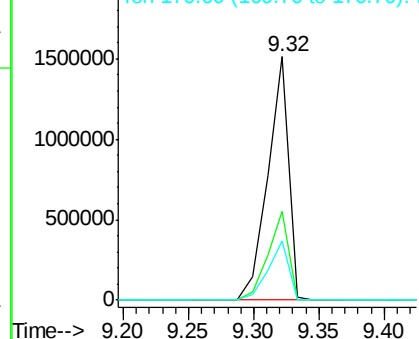
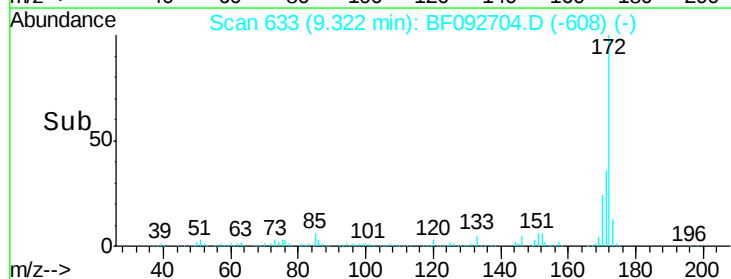


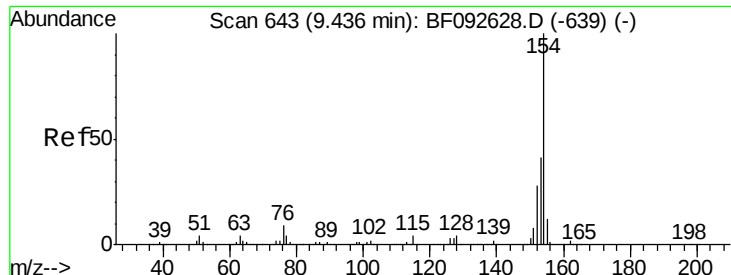
#44
 2-Fluorobiphenyl
 Concen: 92.46 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092704.D
 Acq: 1 Feb 2017 15:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.5	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: 45.52 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

Instrument :

BNA_F

ClientSampleId :

PB96611BS

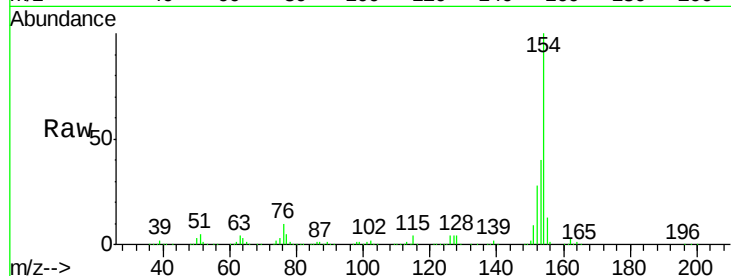
Tot Ion:154 Resp: 1085471

Ion Ratio Lower Upper

154 100

153 40.1 20.9 60.9

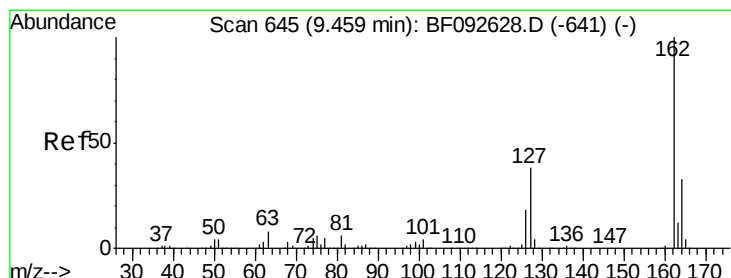
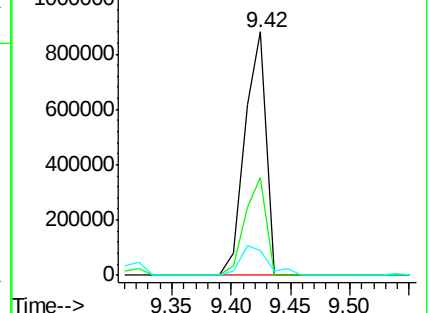
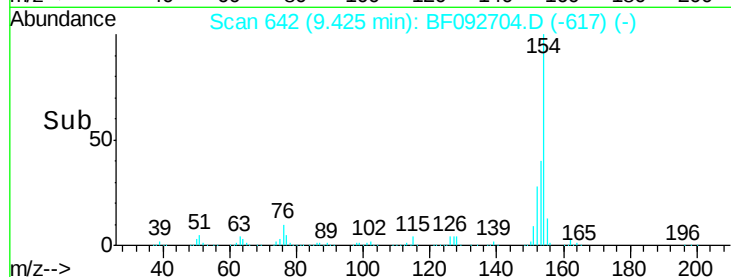
76 10.0 0.0 30.5



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: 44.94 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

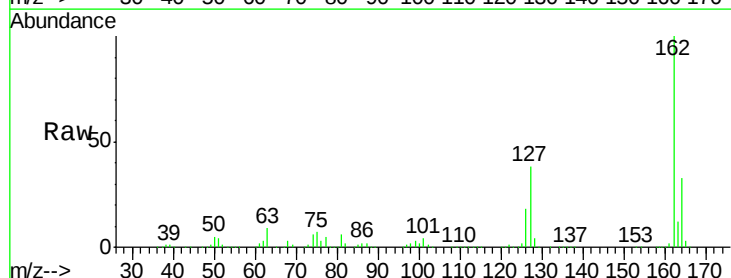
Tgt Ion:162 Resp: 838322

Ion Ratio Lower Upper

162 100

127 38.0 30.7 46.1

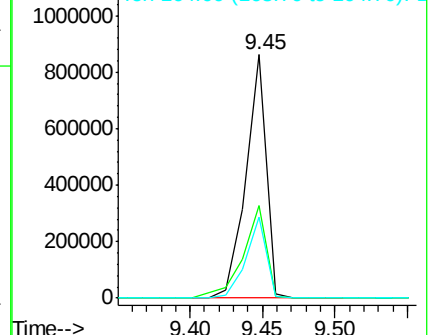
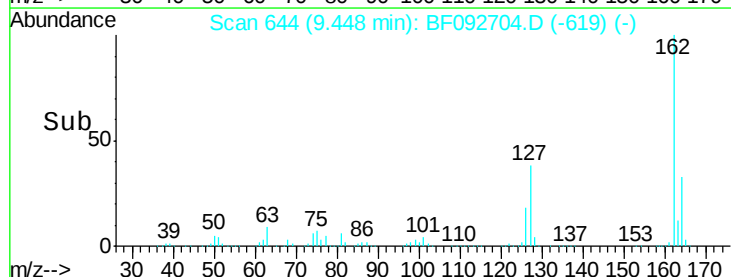
164 33.3 27.6 41.4

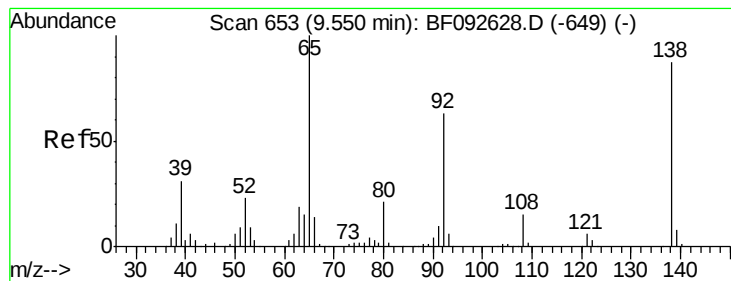


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 43.28 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

Instrument :

BNA_F

ClientSampleId :

PB96611BS

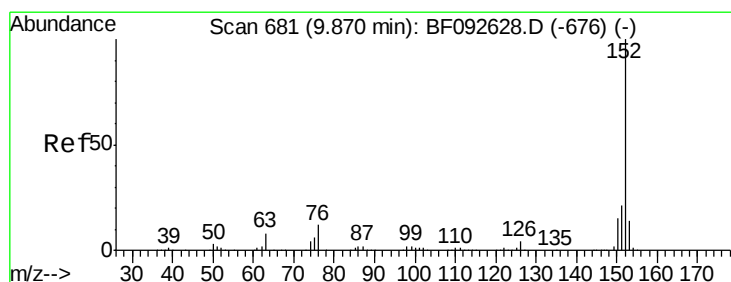
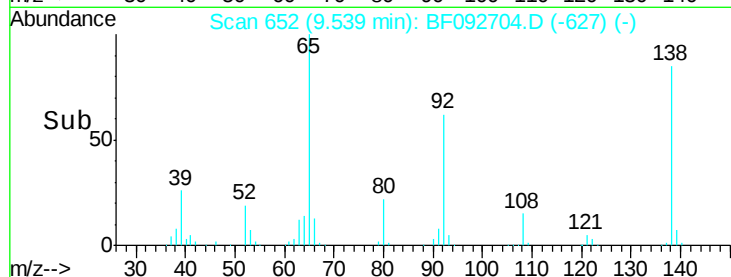
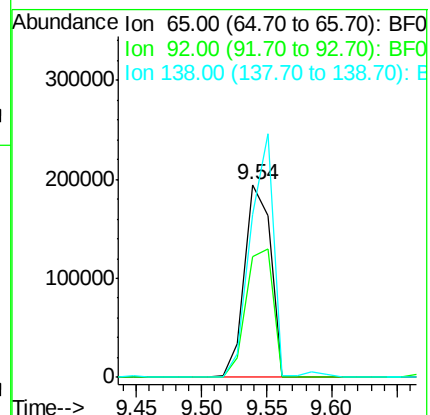
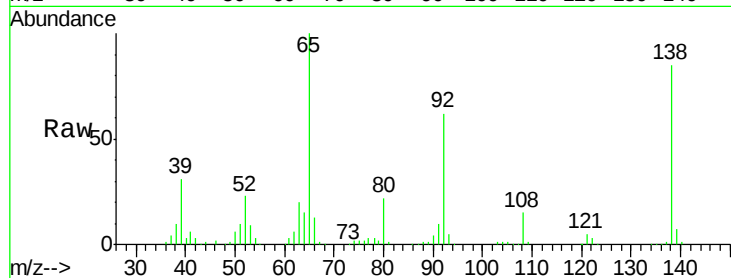
Tot Ion: 65 Resp: 271460

Ion Ratio Lower Upper

65 100

92 62.3 53.9 80.9

138 84.6 76.8 115.2



#48

Acenaphthylene

Concen: 39.14 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

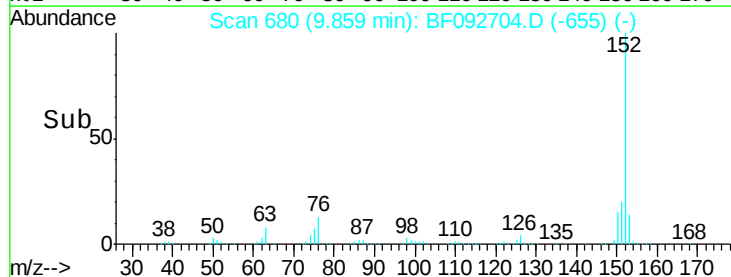
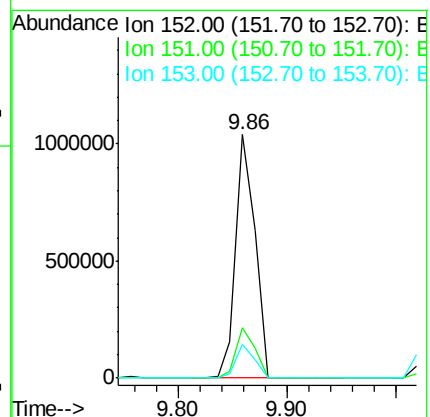
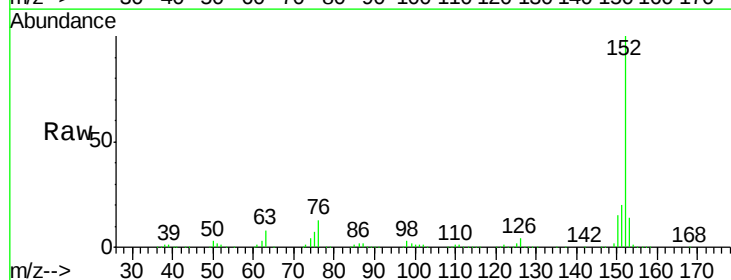
Tgt Ion: 152 Resp: 1261205

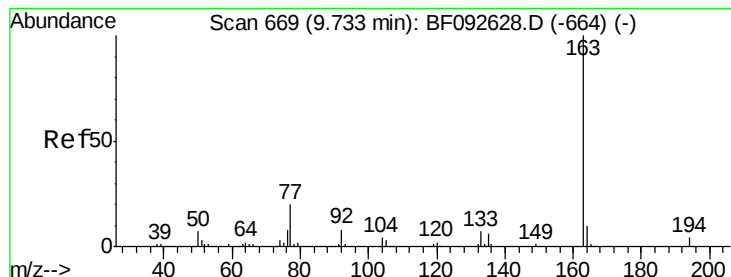
Ion Ratio Lower Upper

152 100

151 20.5 16.9 25.3

153 13.6 11.4 17.2





#49

Dimethylphthalate

Concen: 41.43 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

Instrument :

BNA_F

ClientSampleId :

PB96611BS

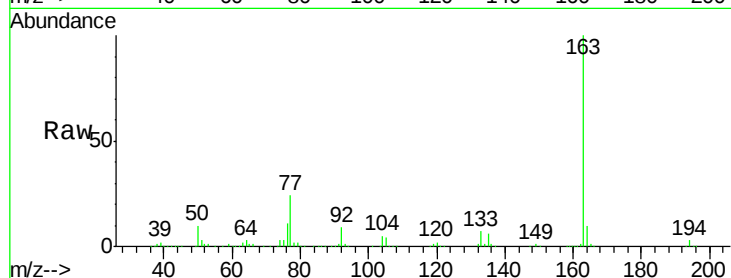
Tot Ion:163 Resp: 918960

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

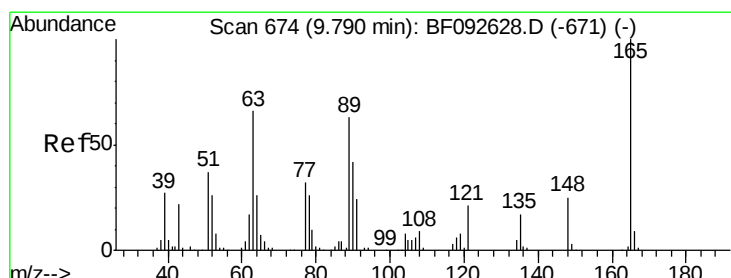
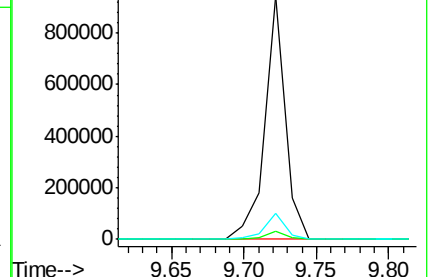
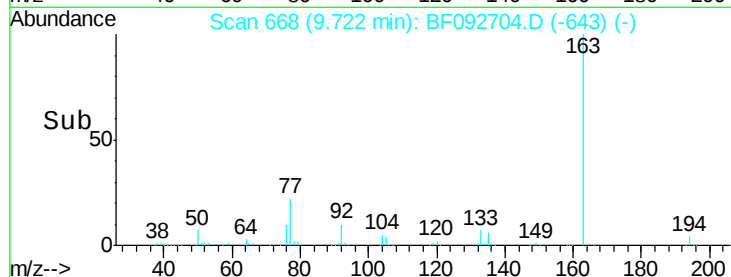
164 10.5 8.0 12.0



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: 47.30 ng

RT: 9.79 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

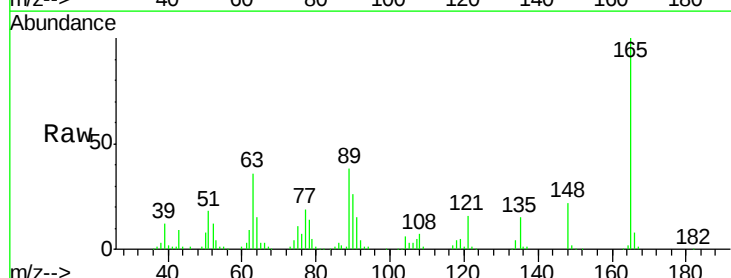
Tgt Ion:165 Resp: 226557

Ion Ratio Lower Upper

165 100

63 36.4 36.2 54.4

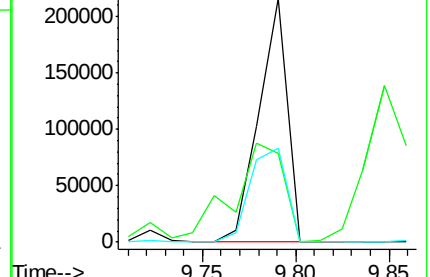
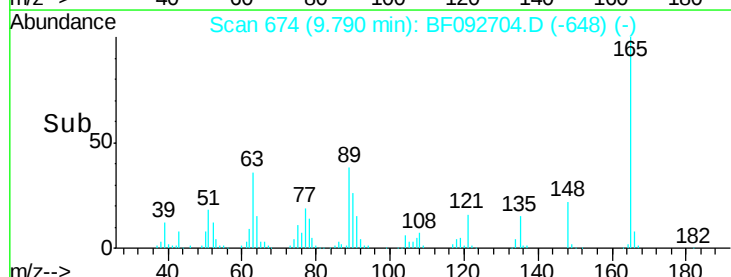
89 38.5 40.2 60.4#



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: 43.31 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

Instrument :

BNA_F

ClientSampleId :

PB96611BS

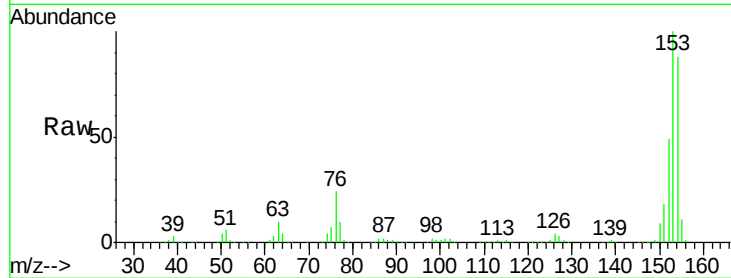
Tot Ion:154 Resp: 834340

Ion Ratio Lower Upper

154 100

153 113.1 88.6 133.0

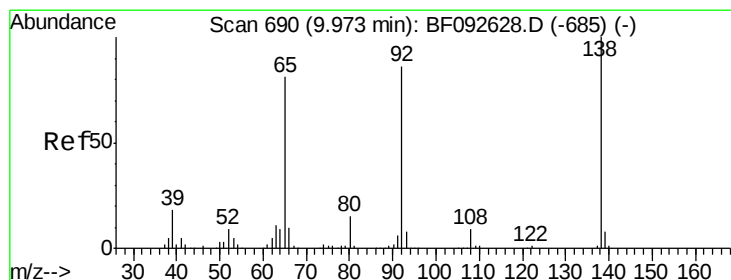
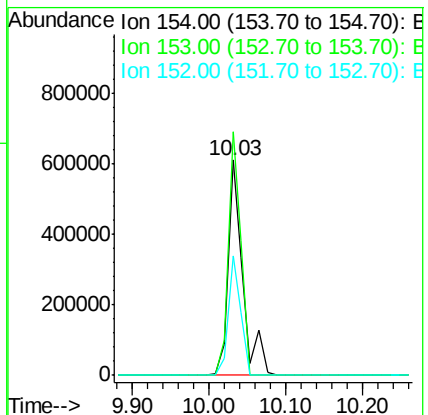
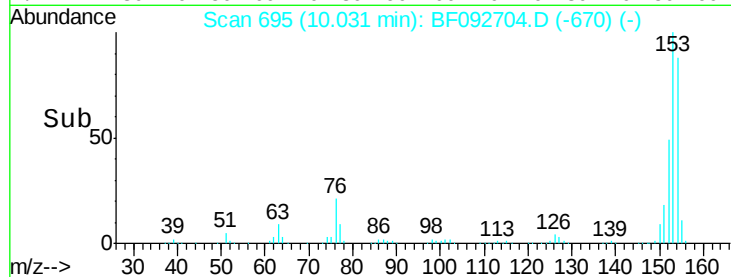
152 55.3 41.6 62.4



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: 22.24 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

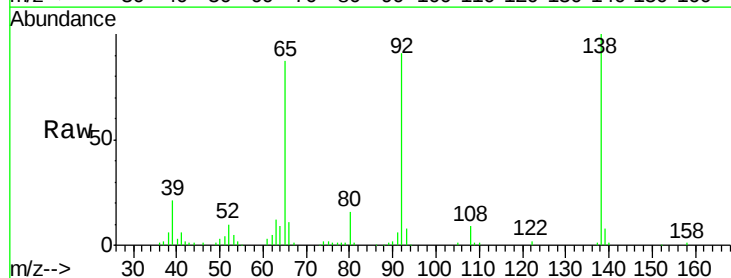
Tgt Ion:138 Resp: 121927

Ion Ratio Lower Upper

138 100

108 9.1 8.5 12.7

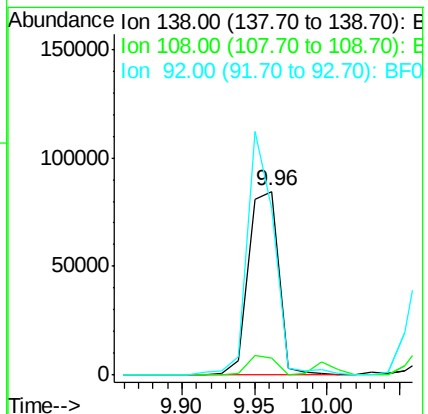
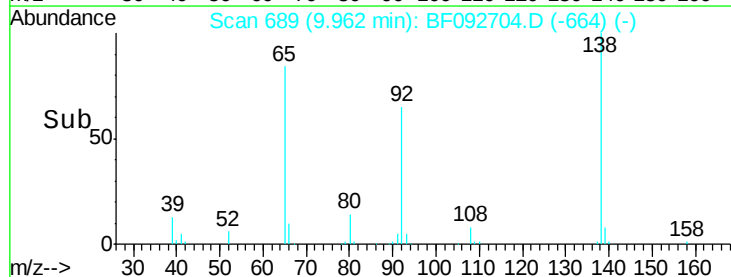
92 91.1 97.8 146.8#

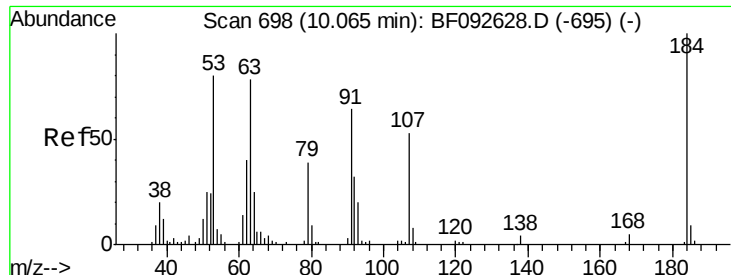


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

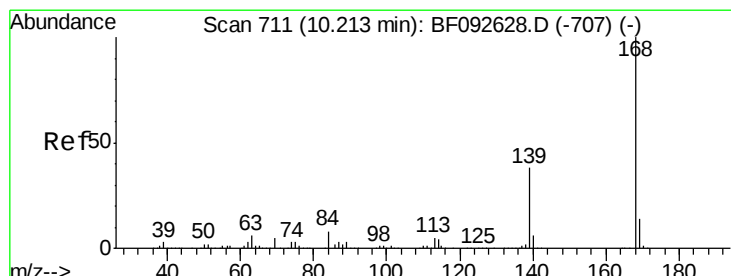
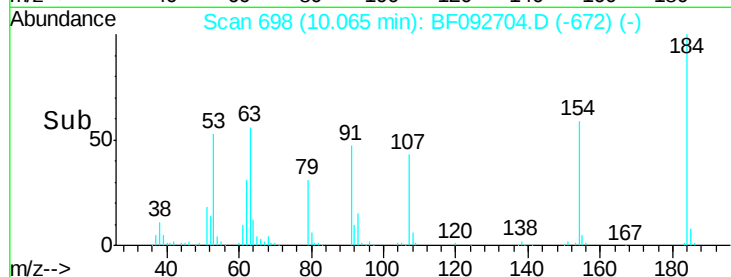
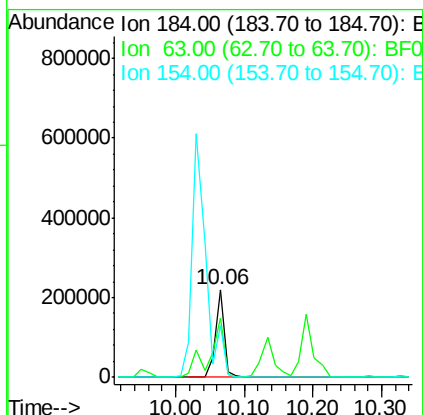
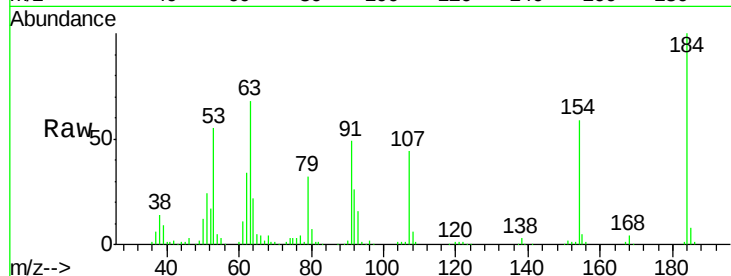




#53
2,4-Dinitrophenol
Concen: 83.56 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF092704.D
Acq: 1 Feb 2017 15:14

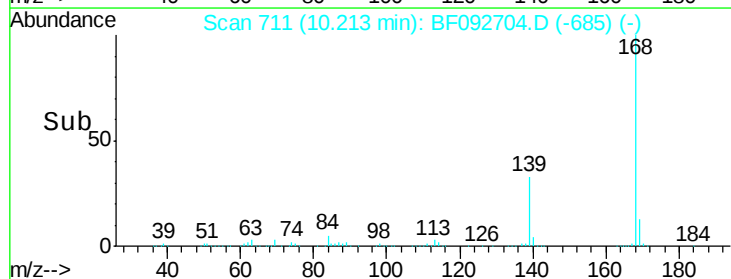
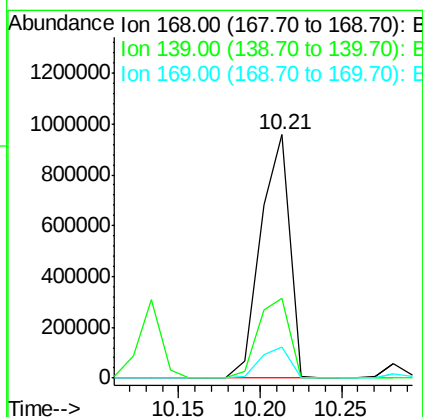
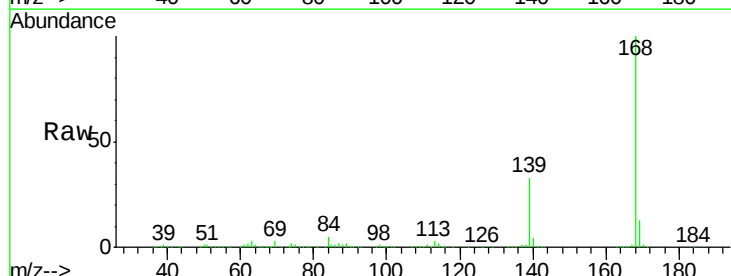
Instrument :
BNA_F
ClientSampleId :
PB96611BS

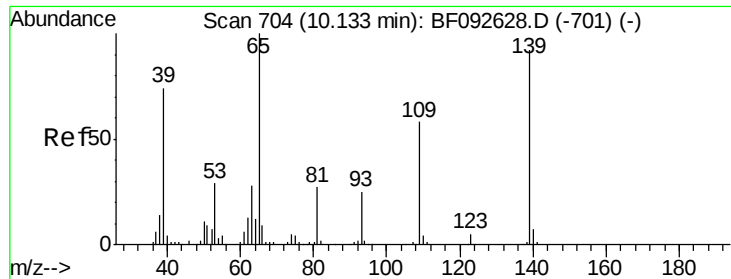
Tot Ion:184 Resp: 204160
Ion Ratio Lower Upper
184 100
63 68.3 28.4 42.6#
154 58.8 44.3 66.5



#54
Dibenzofuran
Concen: 45.62 ng
RT: 10.21 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF092704.D
Acq: 1 Feb 2017 15:14

Tgt Ion:168 Resp: 1175589
Ion Ratio Lower Upper
168 100
139 32.5 32.6 49.0#
169 13.0 11.3 16.9

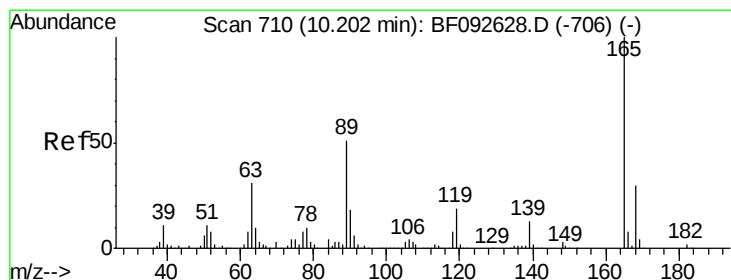
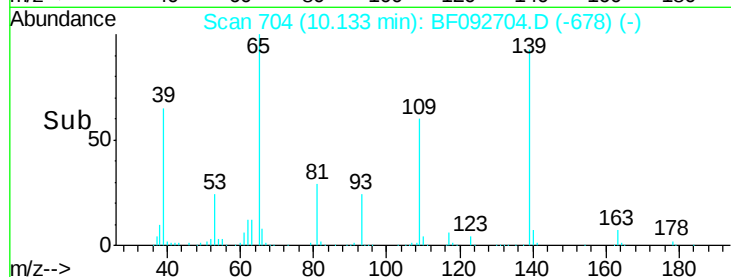
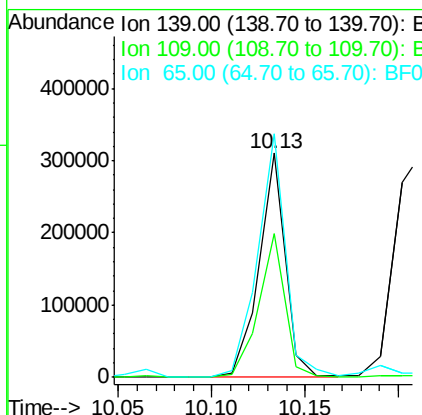
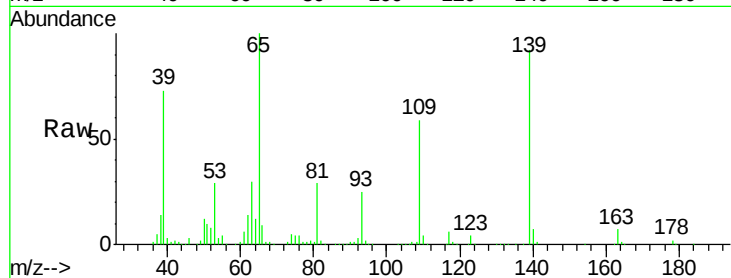




#55
4-Nitrophenol
Concen: 76.53 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF092704.D
Acq: 1 Feb 2017 15:14

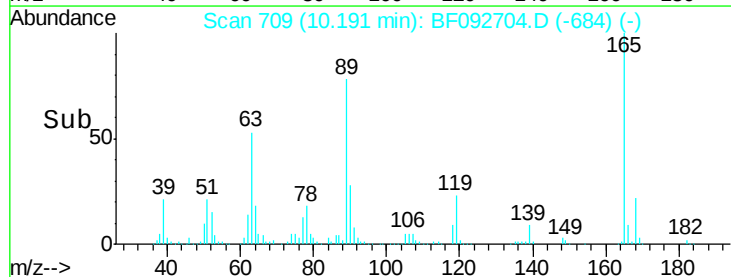
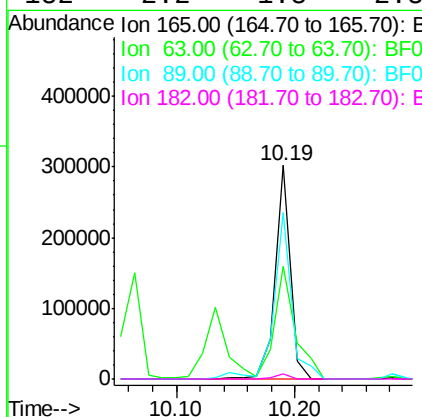
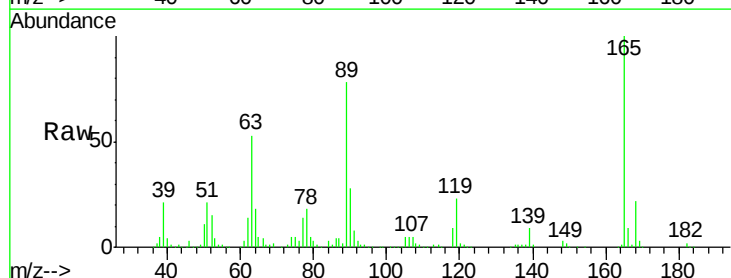
Instrument :
BNA_F
ClientSampleId :
PB96611BS

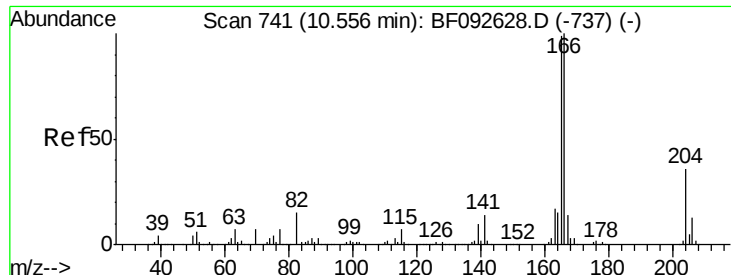
Tot Ion:139 Resp: 302156
Ion Ratio Lower Upper
139 100
109 64.1 52.2 92.2
65 108.6 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 42.26 ng
RT: 10.19 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF092704.D
Acq: 1 Feb 2017 15:14

Tgt Ion:165 Resp: 269474
Ion Ratio Lower Upper
165 100
63 52.7 40.2 60.4
89 78.0 62.5 93.7
182 2.2 1.8 2.8

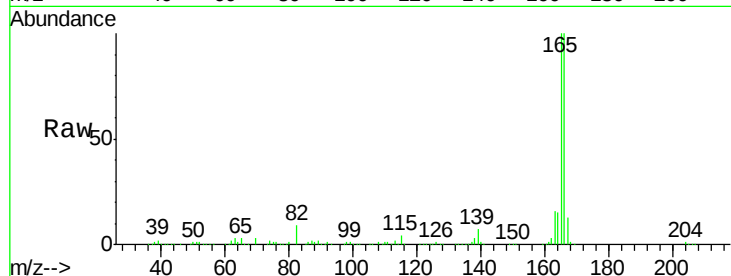




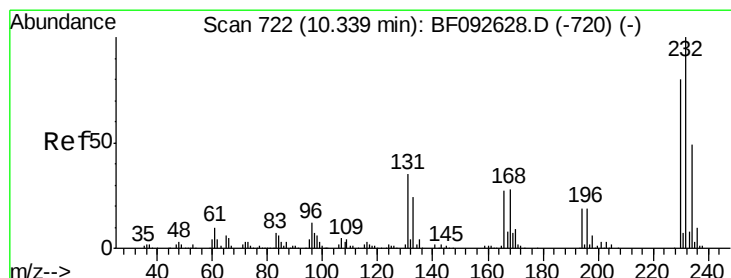
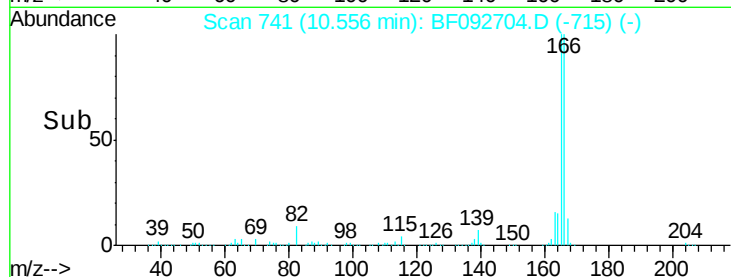
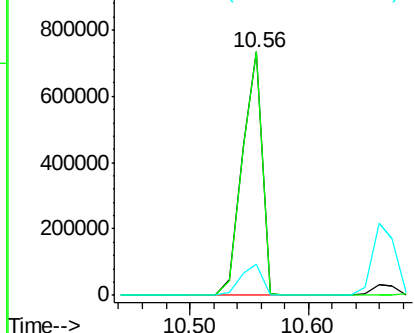
#57
Fluorene
 Concen: 42.92 ng
 RT: 10.56 min Scan# 741
 Delta R.T. 0.00 min
 Lab File: BF092704.D
 Acq: 1 Feb 2017 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB96611BS

Tot Ion:166 Resp: 850927
 Ion Ratio Lower Upper
 166 100
 165 100.1 77.8 116.8
 167 13.0 10.8 16.2

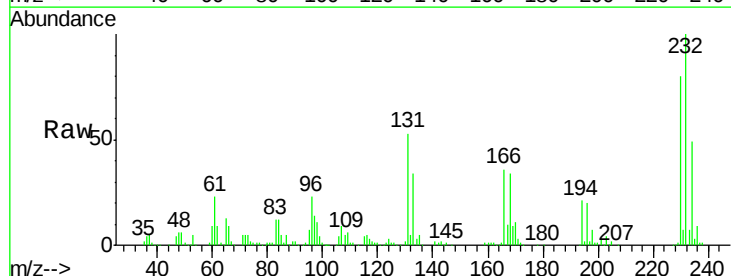


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

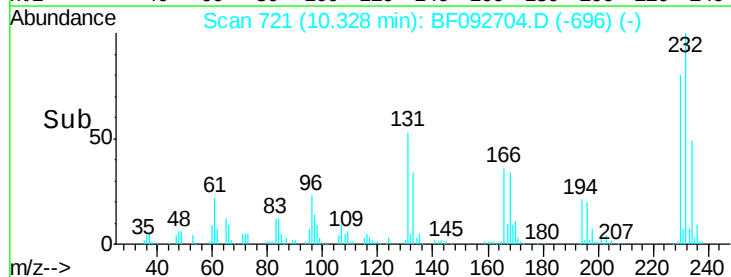
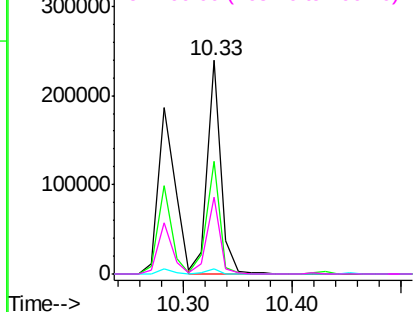


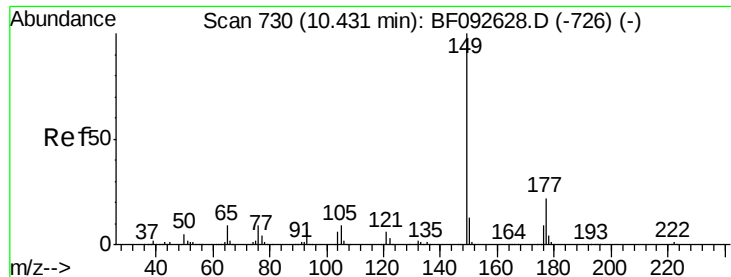
#58
2,3,4,6-Tetrachlorophenol
 Concen: 47.46 ng
 RT: 10.33 min Scan# 721
 Delta R.T. -0.01 min
 Lab File: BF092704.D
 Acq: 1 Feb 2017 15:14

Tgt Ion:232 Resp: 210690
 Ion Ratio Lower Upper
 232 100
 131 51.7 40.1 60.1
 130 2.4 1.8 2.8
 166 34.7 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

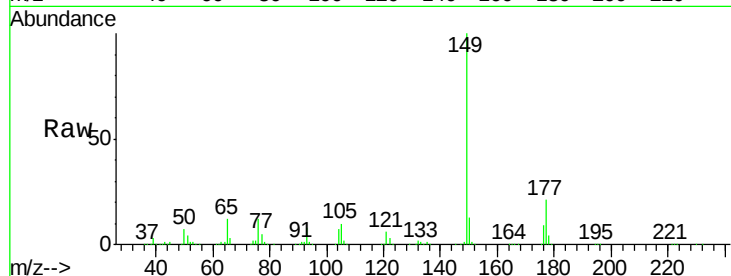




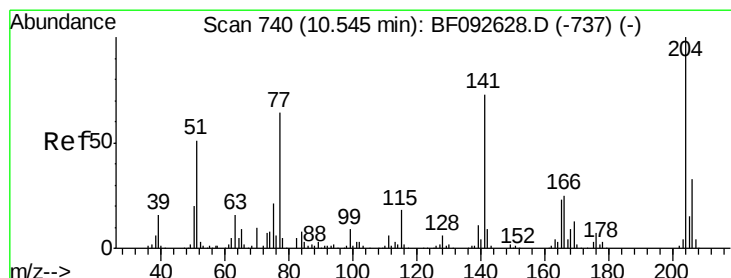
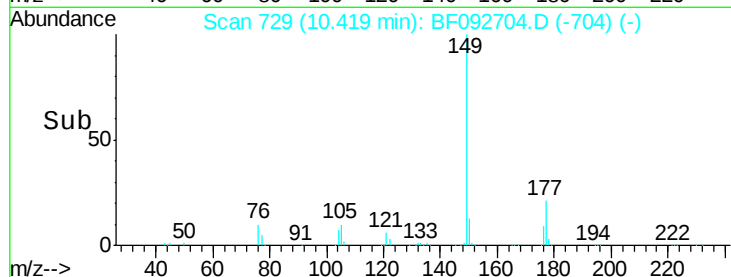
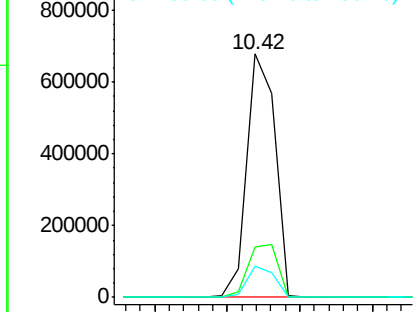
#59
Diethylphthalate
Concen: 43.83 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF092704.D
Acq: 1 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
PB96611BS

Tot Ion:149 Resp: 916132
Ion Ratio Lower Upper
149 100
177 20.6 16.6 25.0
150 13.0 10.4 15.6

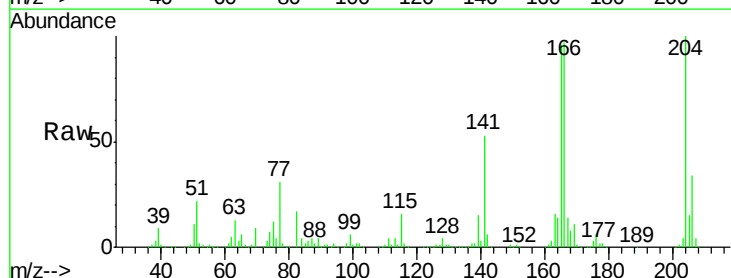


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

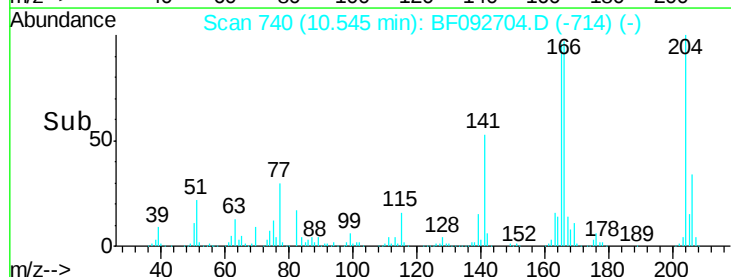
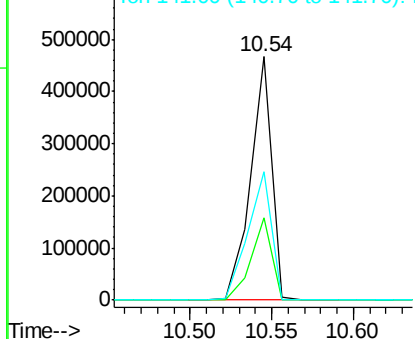


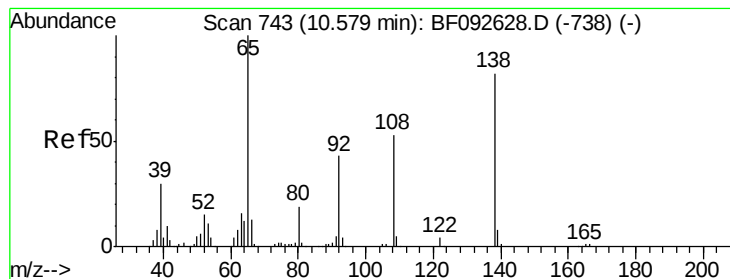
#60
4-Chlorophenyl-phenylether
Concen: 44.07 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF092704.D
Acq: 1 Feb 2017 15:14

Tgt Ion:204 Resp: 419703
Ion Ratio Lower Upper
204 100
206 33.9 25.8 38.6
141 52.8 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: 44.01 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

Instrument :

BNA_F

ClientSampleId :

PB96611BS

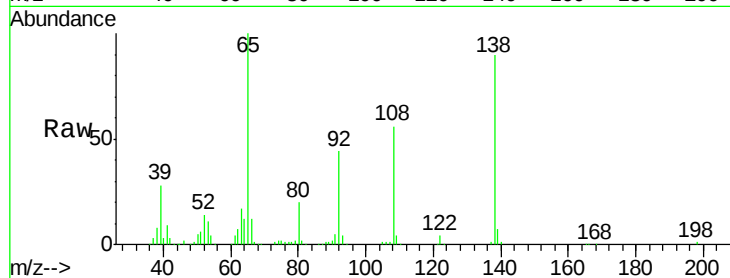
Tot Ion:138 Resp: 247129

Ion Ratio Lower Upper

138 100

92 49.5 31.7 71.7

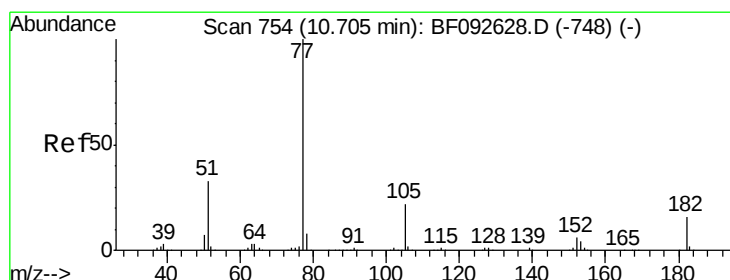
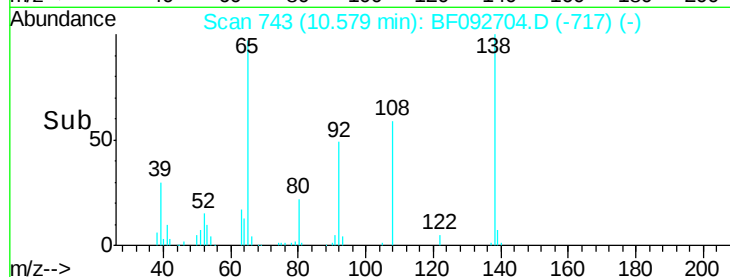
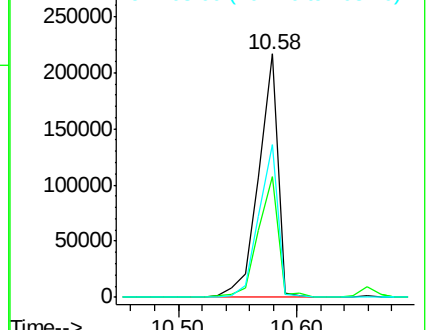
108 62.6 52.6 92.6



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: 50.94 ng

RT: 10.70 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

Tgt Ion: 77 Resp: 1100097

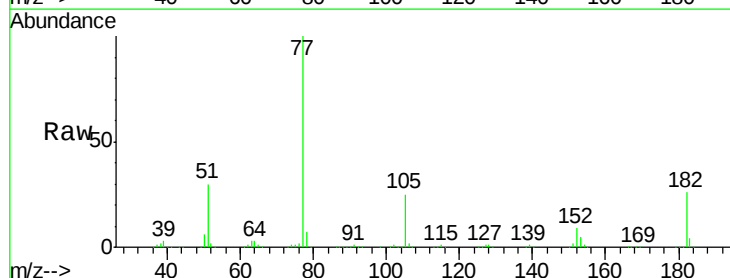
Ion Ratio Lower Upper

77 100

182 25.5 0.0 39.3

105 24.7 2.3 42.3

51 30.2 8.9 48.9

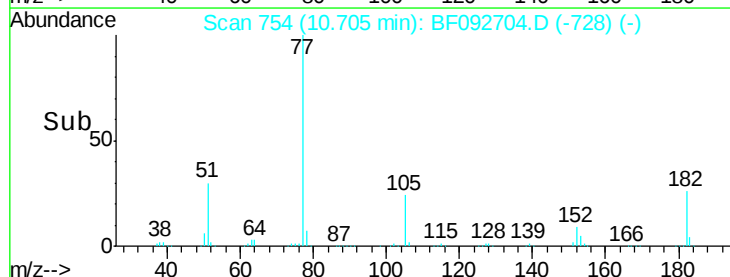
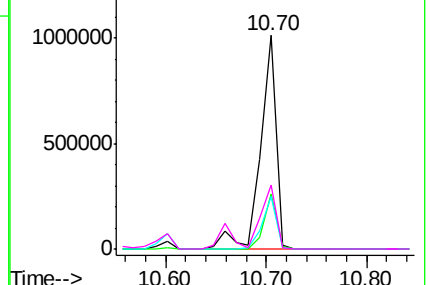


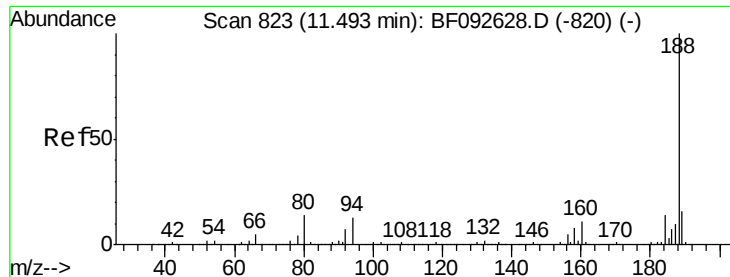
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

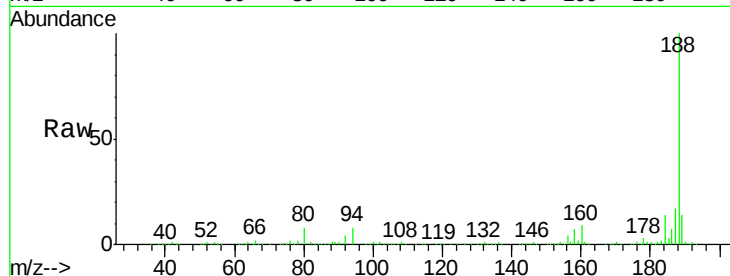




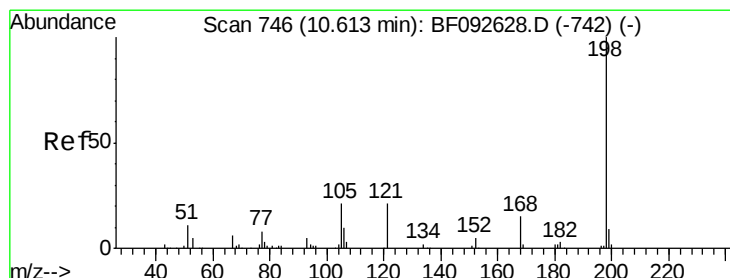
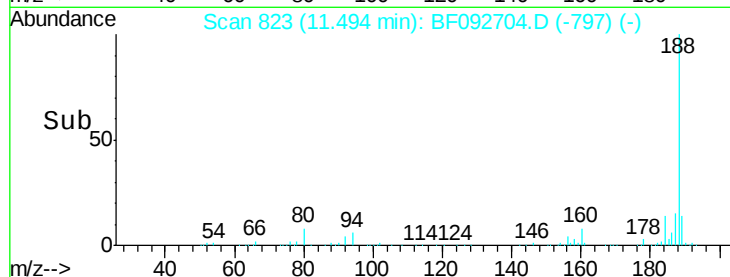
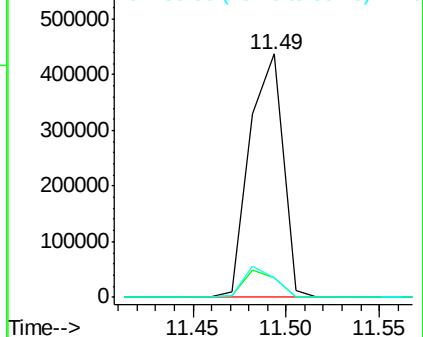
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF092704.D
Acq: 1 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
PB96611BS

Tot Ion:188 Resp: 542540
Ion Ratio Lower Upper
188 100
94 8.2 10.0 15.0#
80 8.0 11.2 16.8#

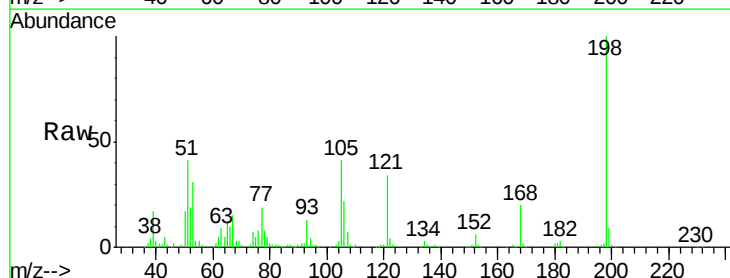


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

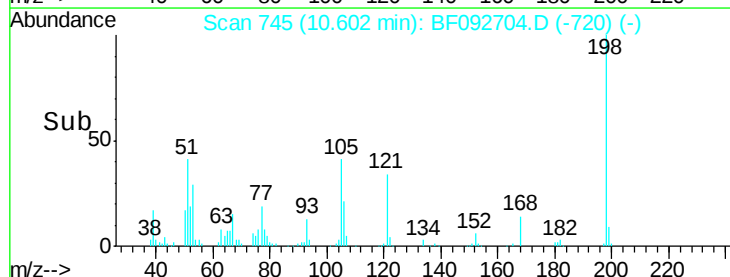
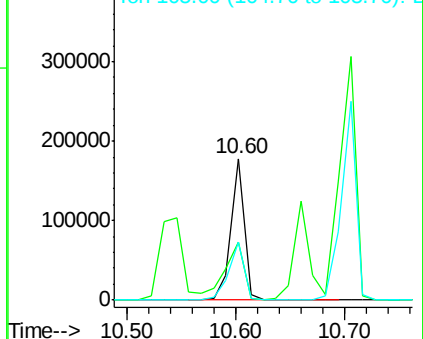


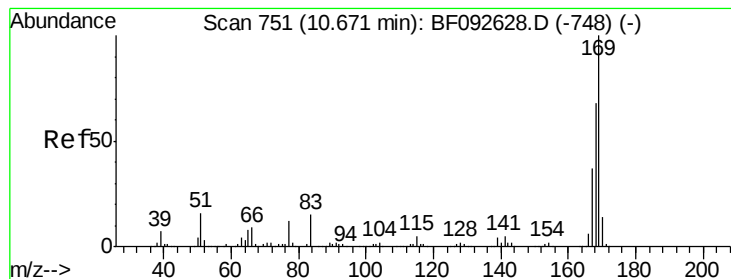
#64
4,6-Dinitro-2-methylphenol
Concen: 45.69 ng
RT: 10.60 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF092704.D
Acq: 1 Feb 2017 15:14

Tgt Ion:198 Resp: 150444
Ion Ratio Lower Upper
198 100
51 40.9 6.7 46.7
105 41.0 16.6 56.6



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 43.95 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

Instrument :

BNA_F

ClientSampleId :

PB96611BS

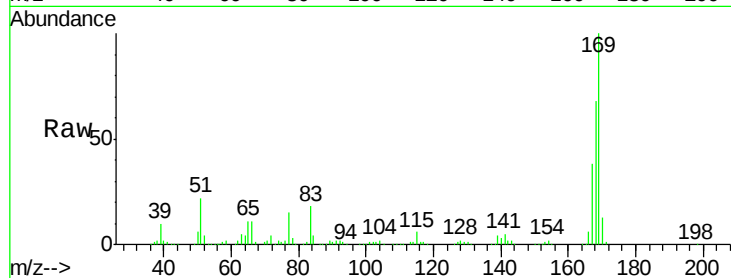
Tot Ion:169 Resp: 761726

Ion Ratio Lower Upper

169 100

168 68.5 54.2 81.2

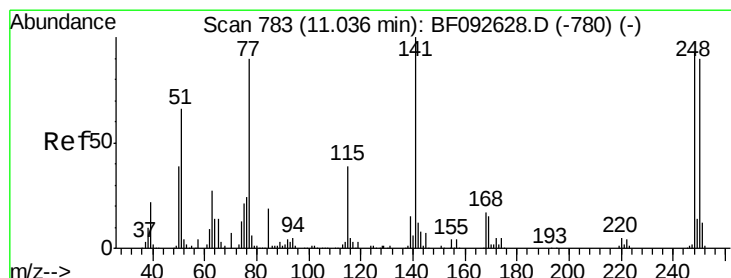
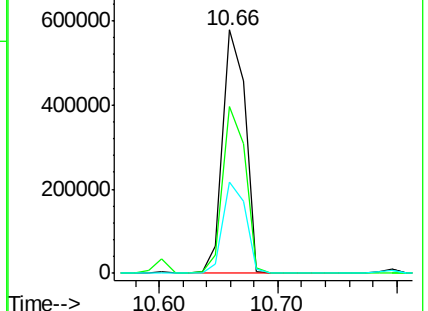
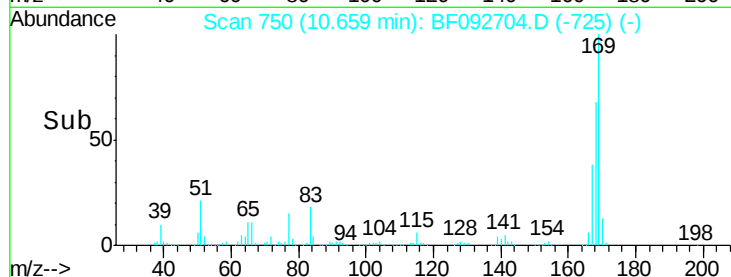
167 37.5 30.2 45.4



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: 44.11 ng

RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

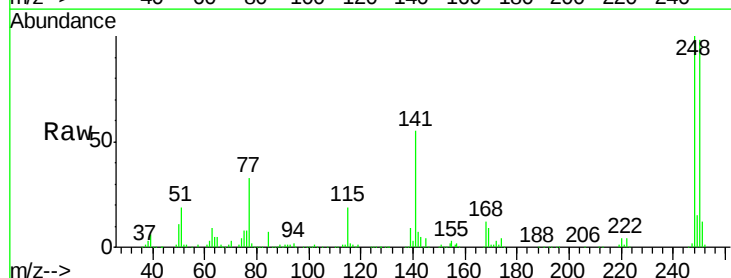
Tgt Ion:248 Resp: 250000

Ion Ratio Lower Upper

248 100

250 97.5 76.9 115.3

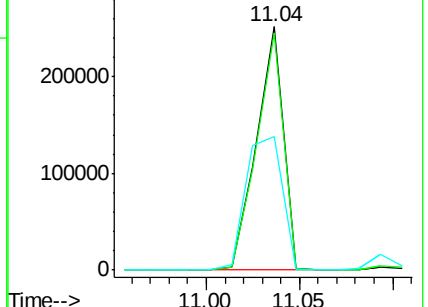
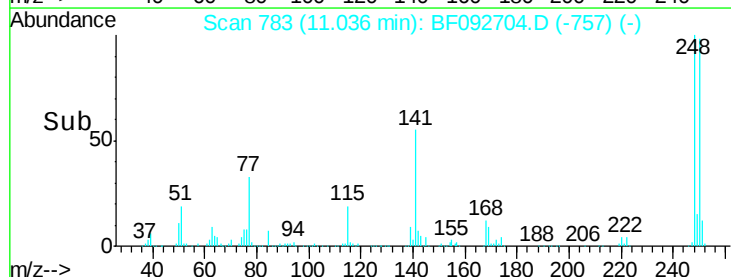
141 54.8 68.2 102.4#

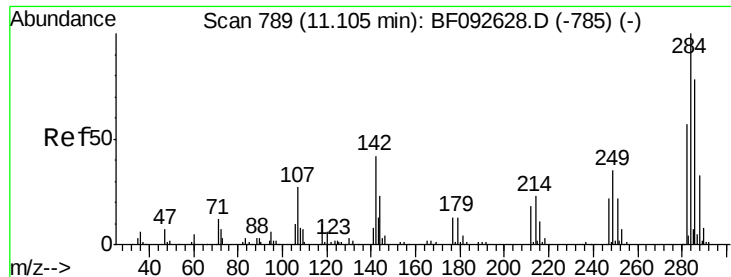


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

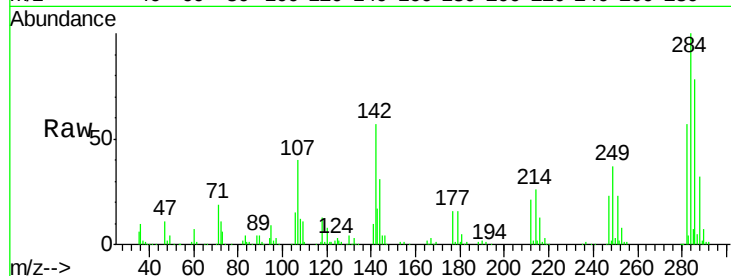




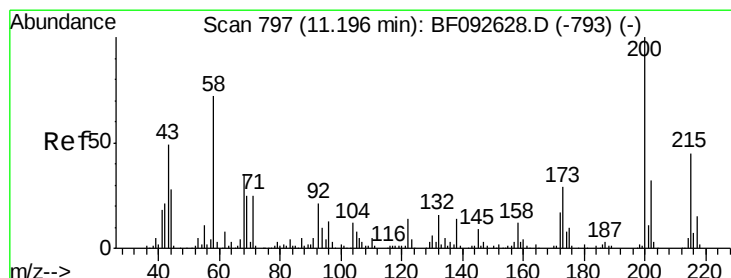
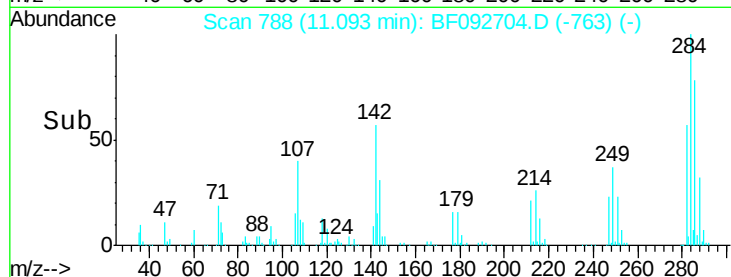
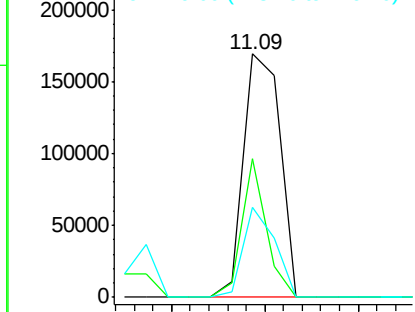
#67
Hexachlorobenzene
Concen: 41.00 ng
RT: 11.09 min Scan# 788
Delta R.T. -0.01 min
Lab File: BF092704.D
Acq: 1 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
PB96611BS

Tot Ion:284 Resp: 229642
Ion Ratio Lower Upper
284 100
142 57.0 22.6 33.8#
249 36.8 25.4 38.0

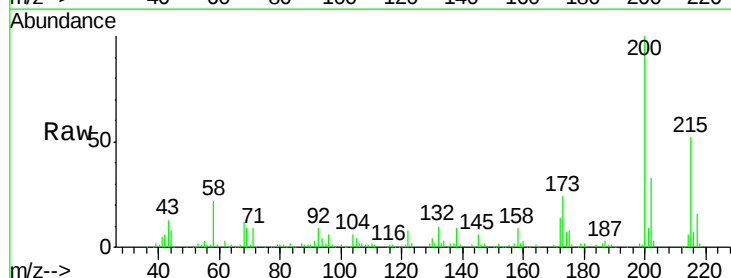


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

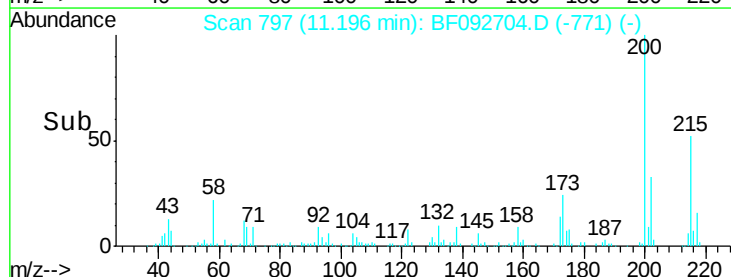
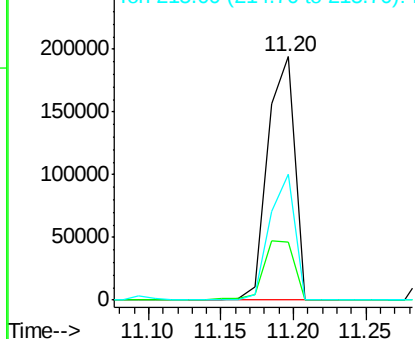


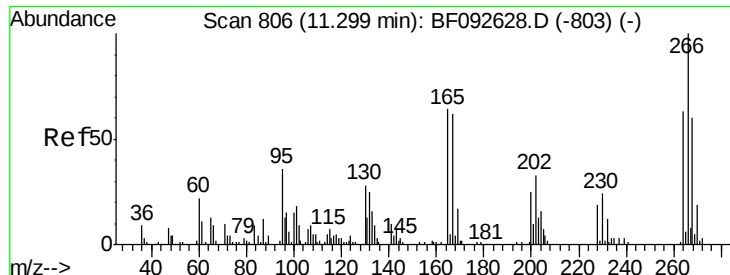
#68
Atrazine
Concen: 44.77 ng
RT: 11.20 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF092704.D
Acq: 1 Feb 2017 15:14

Tgt Ion:200 Resp: 249019
Ion Ratio Lower Upper
200 100
173 24.0 9.6 49.6
215 51.6 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

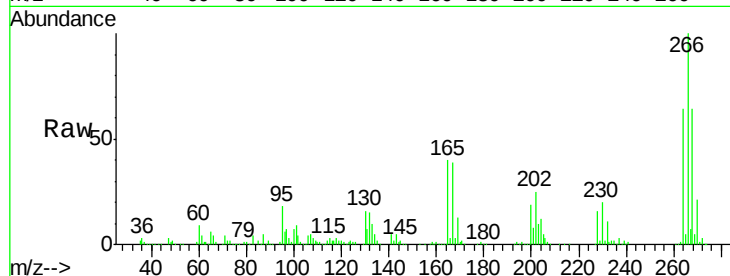




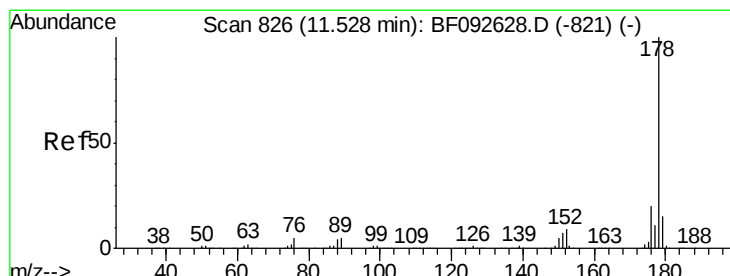
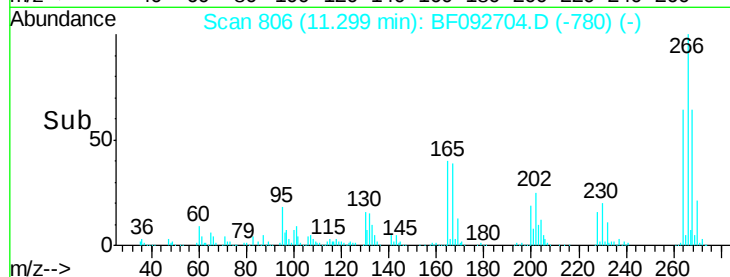
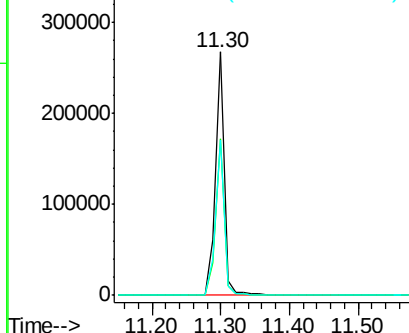
#69
 Pentachlorophenol
 Concen: 84.90 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF092704.D
 Acq: 1 Feb 2017 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB96611BS

Tot Ion:266 Resp: 246884
 Ion Ratio Lower Upper
 266 100
 268 64.1 53.3 79.9
 264 63.7 50.3 75.5

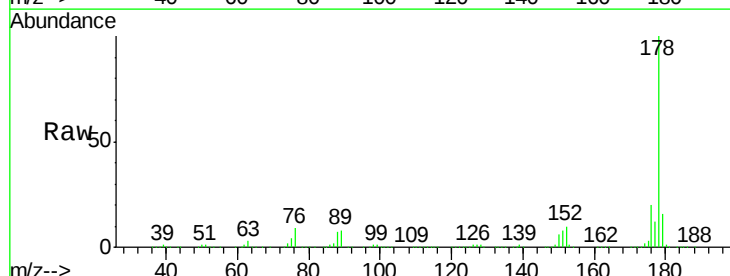


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

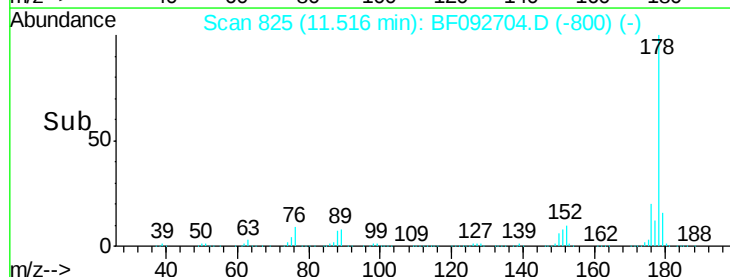
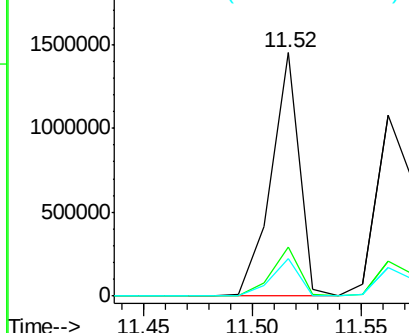


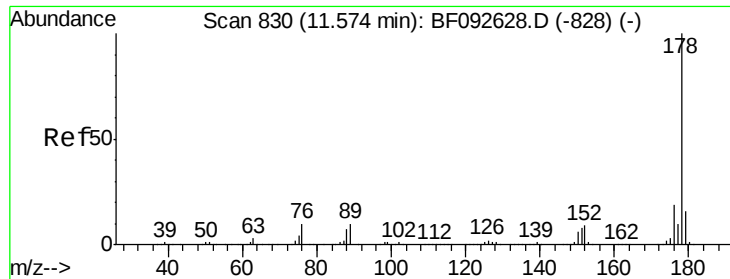
#70
 Phenanthrene
 Concen: 42.49 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092704.D
 Acq: 1 Feb 2017 15:14

Tgt Ion:178 Resp: 1320583
 Ion Ratio Lower Upper
 178 100
 176 20.2 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

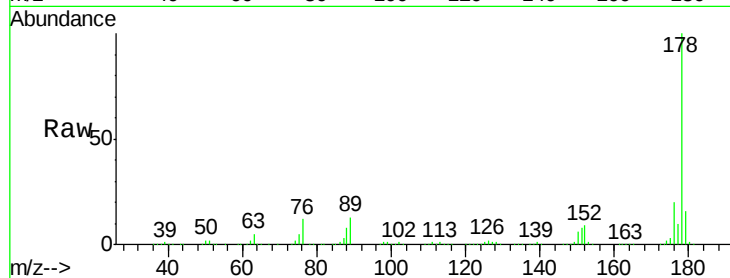




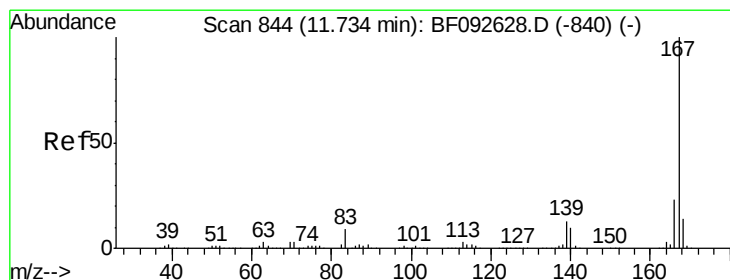
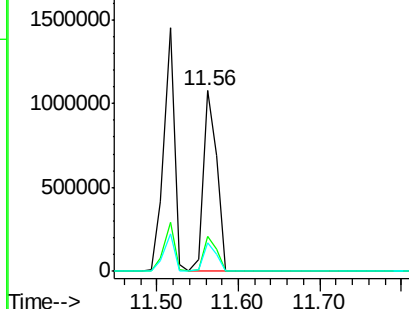
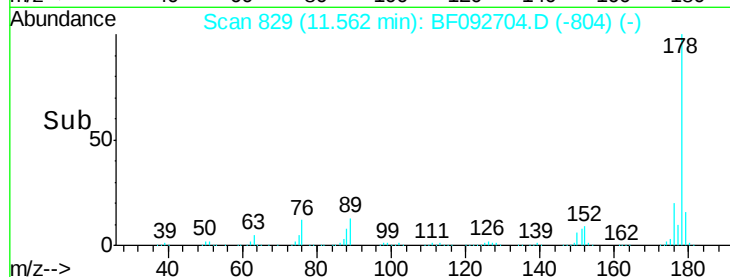
#71
 Anthracene
 Concen: 40.61 ng
 RT: 11.56 min Scan# 829
 Delta R.T. -0.01 min
 Lab File: BF092704.D
 Acq: 1 Feb 2017 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB96611BS

Tot Ion:178 Resp: 1267530
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.9 23.9
 179 16.1 13.2 19.8

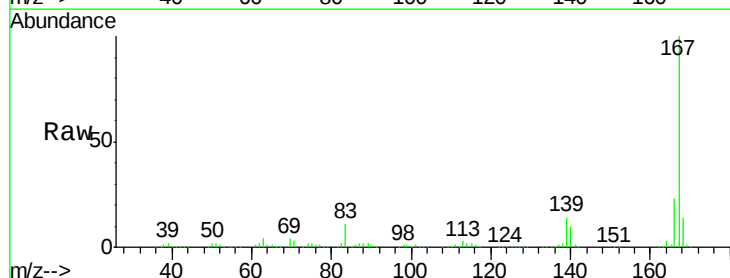


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

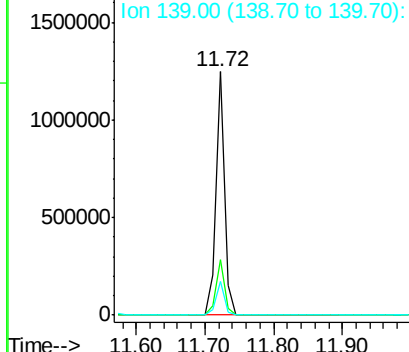
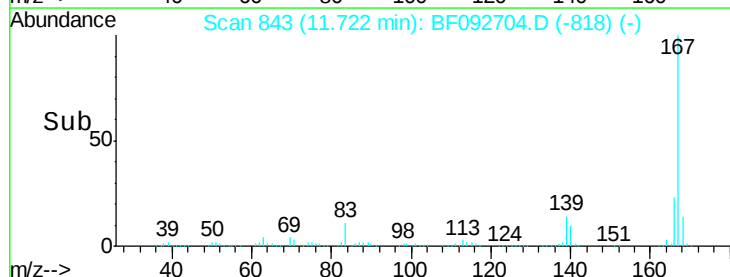


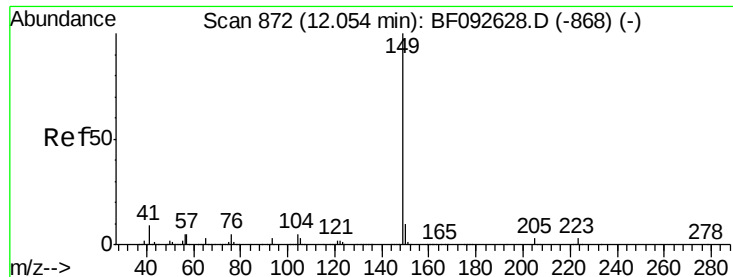
#72
 Carbazole
 Concen: 37.40 ng
 RT: 11.72 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF092704.D
 Acq: 1 Feb 2017 15:14

Tgt Ion:167 Resp: 1115826
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.2
 139 13.7 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: 44.69 ng

RT: 12.04 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

Instrument :

BNA_F

ClientSampleId :

PB96611BS

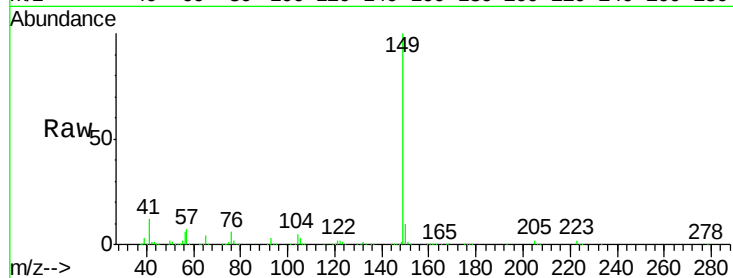
Tot Ion:149 Resp: 1442199

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

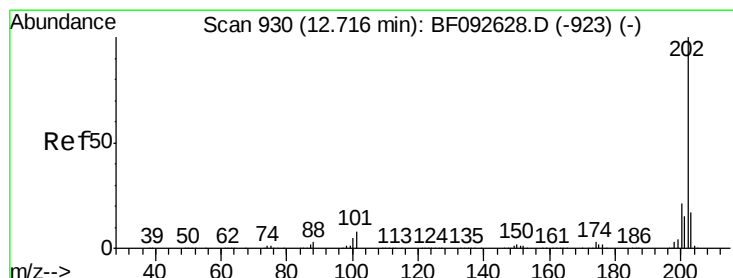
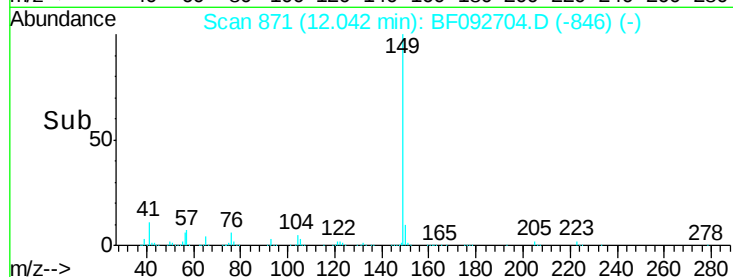
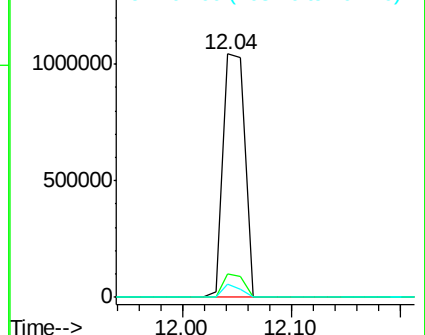
104 5.2 4.6 7.0



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: 12.71 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

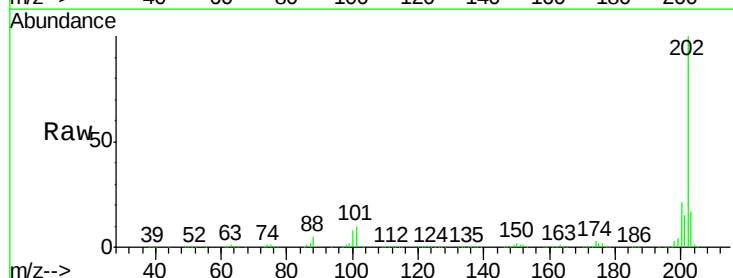
Tgt Ion:202 Resp: 1332506

Ion Ratio Lower Upper

202 100

101 10.2 0.0 34.6

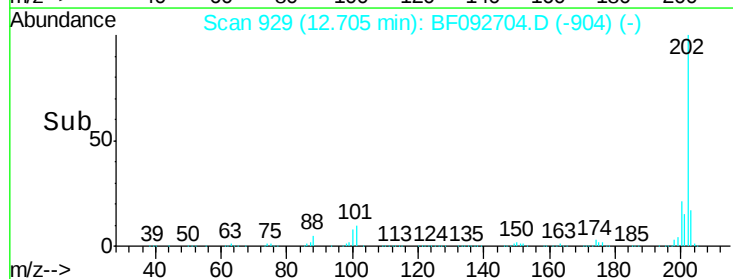
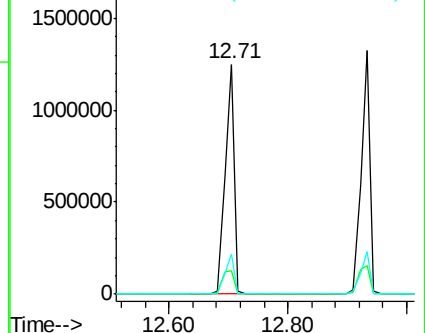
203 17.5 0.0 38.7

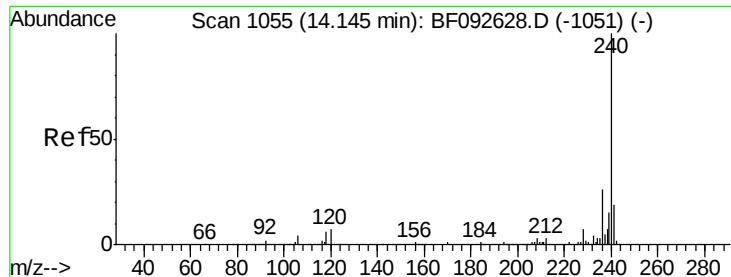


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

Instrument :

BNA_F

ClientSampleId :

PB96611BS

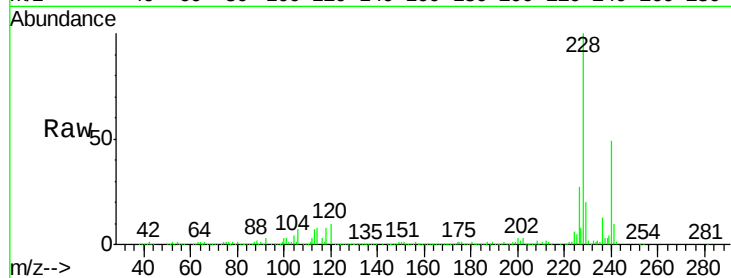
Tot Ion:240 Resp: 354791

Ion Ratio Lower Upper

240 100

120 20.4 12.9 19.3#

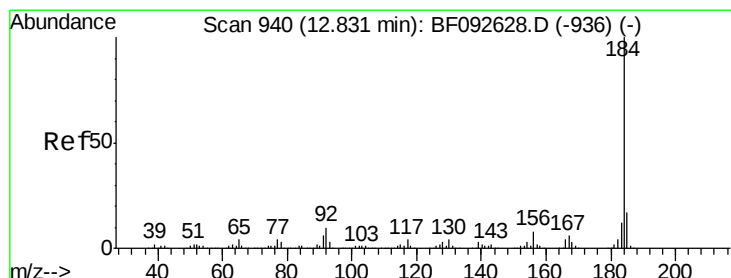
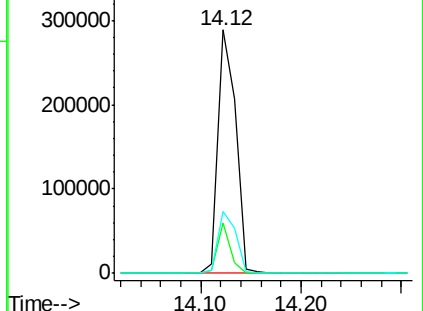
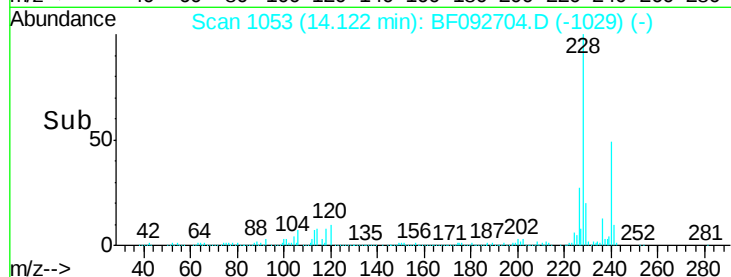
236 25.5 20.9 31.3



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: 19.66 ng

RT: 12.82 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

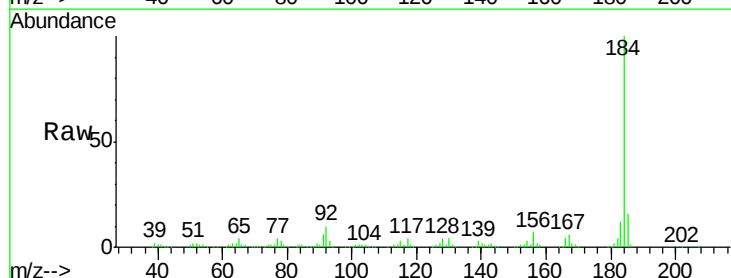
Tgt Ion:184 Resp: 297291

Ion Ratio Lower Upper

184 100

185 15.7 13.4 20.0

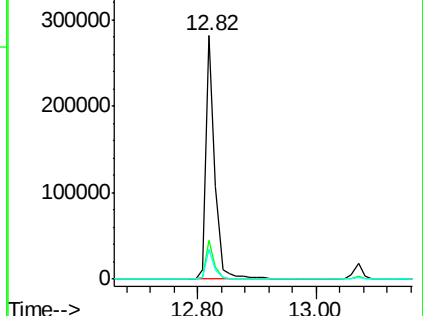
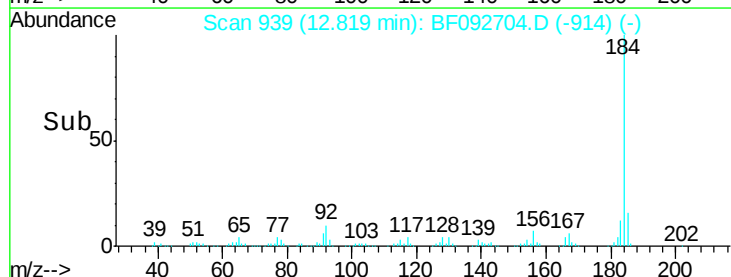
183 12.1 9.2 13.8

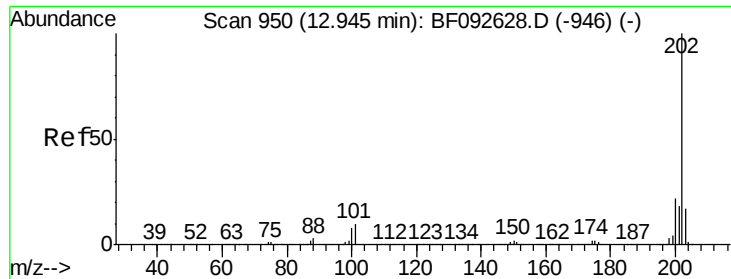


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

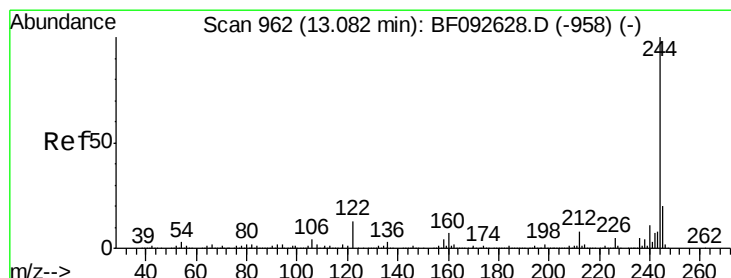
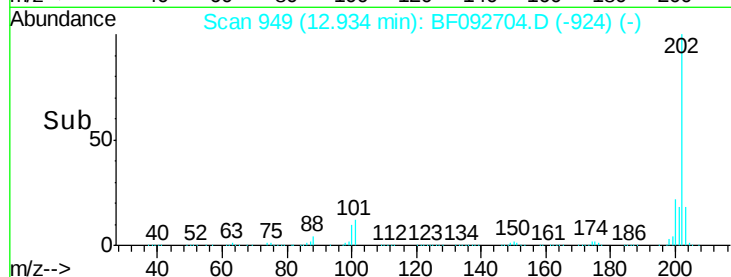
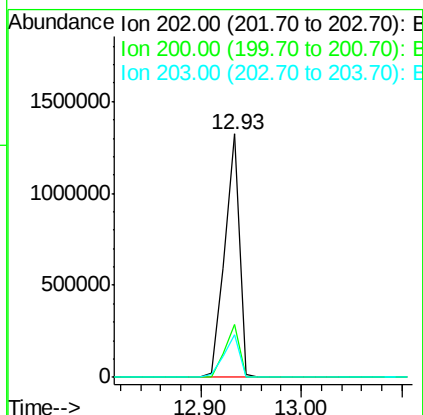
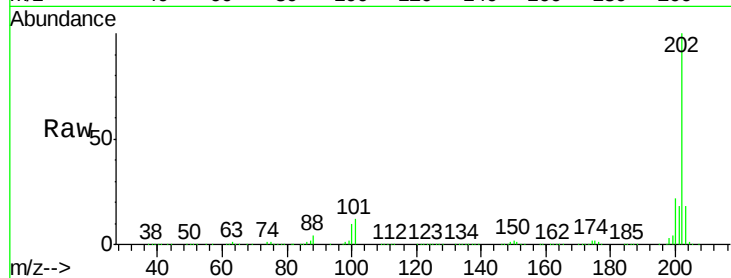




#77
Pvrene
Concen: 50.90 ng
RT: 12.93 min Scan# 949
Delta R.T. -0.01 min
Lab File: BF092704.D
Acq: 1 Feb 2017 15:14

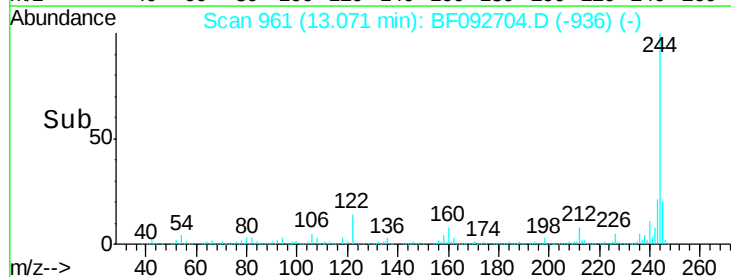
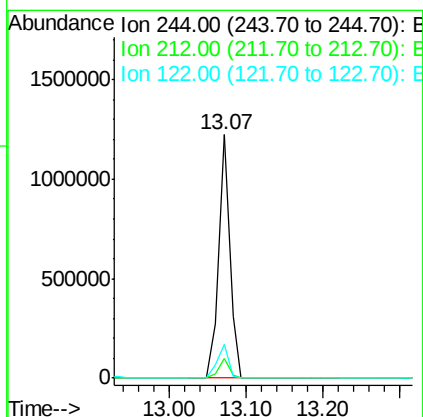
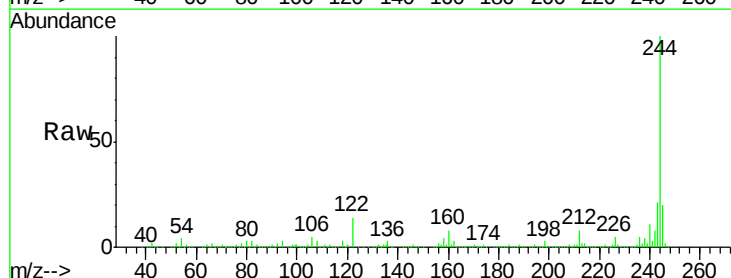
Instrument :
BNA_F
ClientSampleId :
PB96611BS

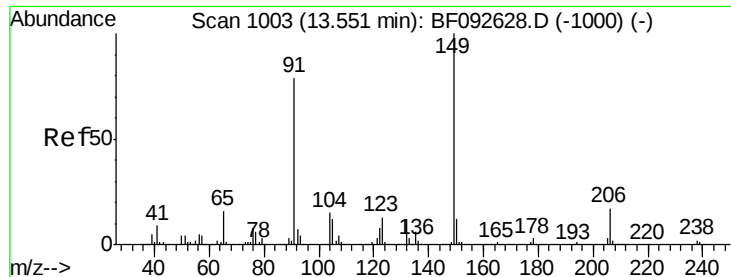
Tot Ion:202 Resp: 1351507
Ion Ratio Lower Upper
202 100
200 21.7 17.7 26.5
203 17.6 14.7 22.1



#78
Terphenyl-d14
Concen: 82.82 ng
RT: 13.07 min Scan# 961
Delta R.T. -0.01 min
Lab File: BF092704.D
Acq: 1 Feb 2017 15:14

Tgt Ion:244 Resp: 1250527
Ion Ratio Lower Upper
244 100
212 7.9 6.2 9.2
122 14.0 11.4 17.2

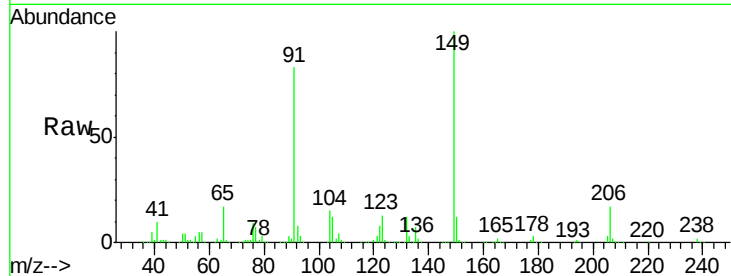




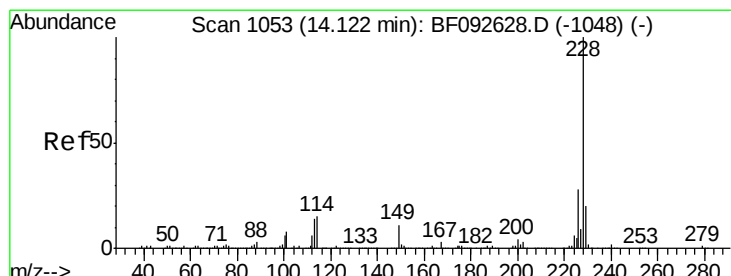
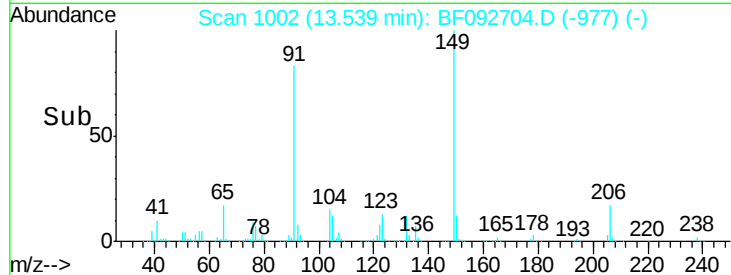
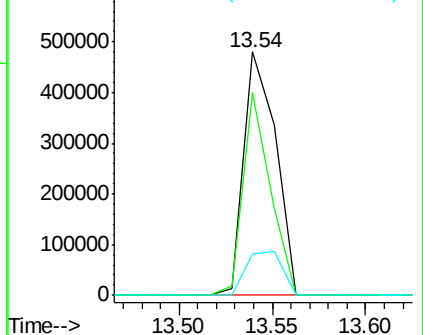
#79
Butylbenzylphthalate
Concen: 53.04 ng
RT: 13.54 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF092704.D
Acq: 1 Feb 2017 15:14

Instrument :
BNA_F
ClientSampleId :
PB96611BS

Tot Ion:149 Resp: 571846
Ion Ratio Lower Upper
149 100
91 83.4 63.9 95.9
206 16.9 14.6 21.8

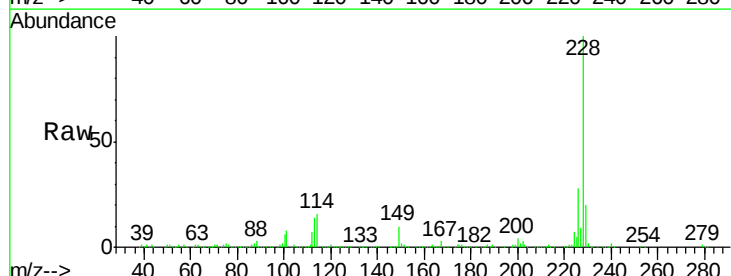


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

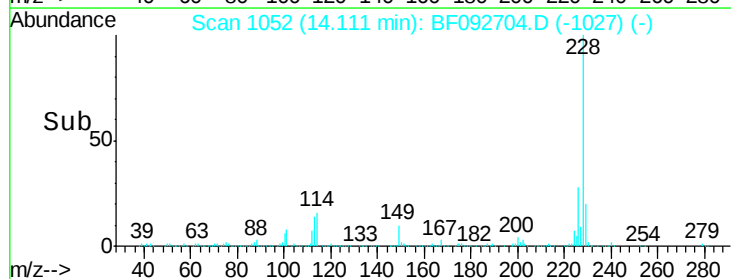
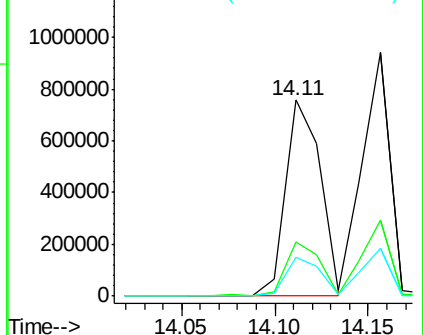


#80
Benzo(a)anthracene
Concen: 45.19 ng
RT: 14.11 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF092704.D
Acq: 1 Feb 2017 15:14

Tgt Ion:228 Resp: 980616
Ion Ratio Lower Upper
228 100
226 27.7 22.4 33.6
229 20.1 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: 30.48 ng

RT: 14.08 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

Instrument :

BNA_F

ClientSampleId :

PB96611BS

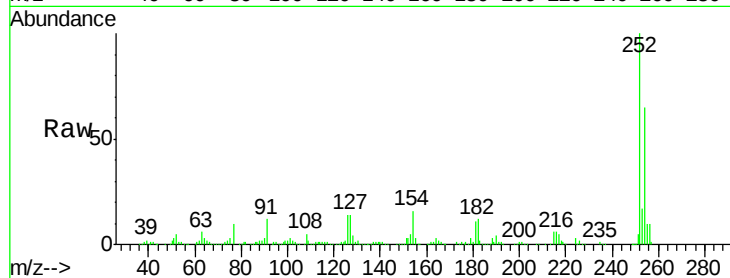
Tot Ion:252 Resp: 235755

Ion Ratio Lower Upper

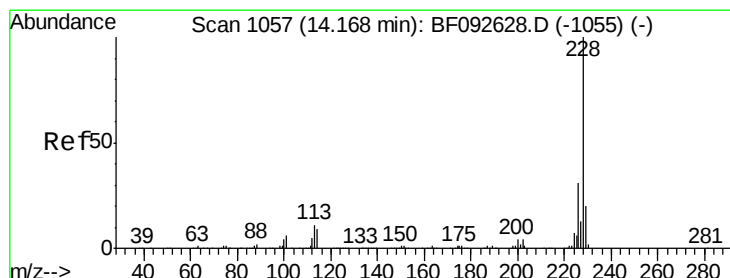
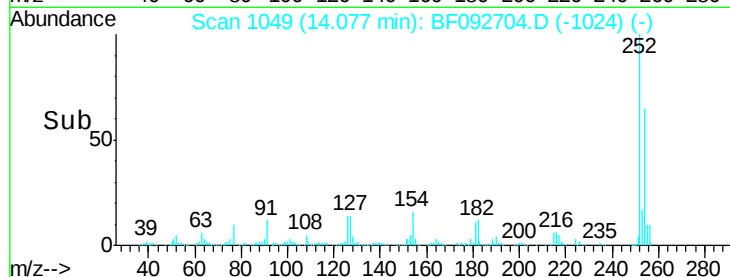
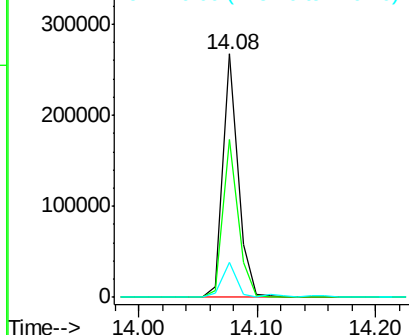
252 100

254 64.6 52.3 78.5

126 14.4 13.6 20.4



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



#82

Chrysene

Concen: 47.81 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

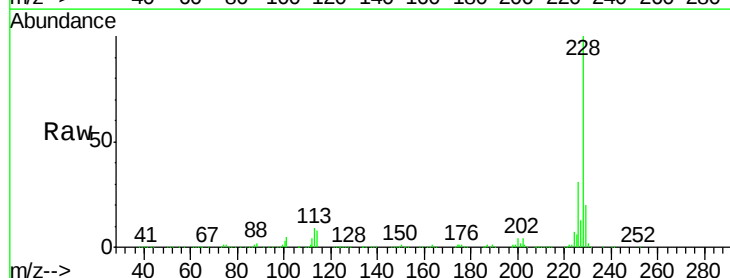
Tgt Ion:228 Resp: 971343

Ion Ratio Lower Upper

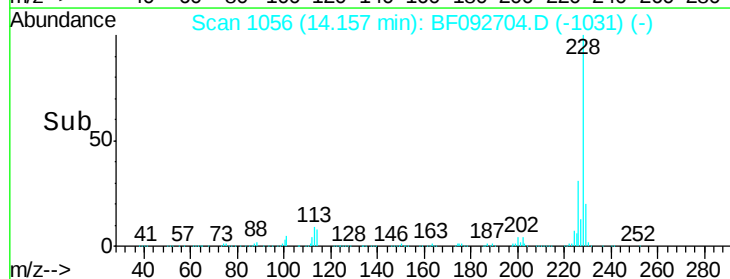
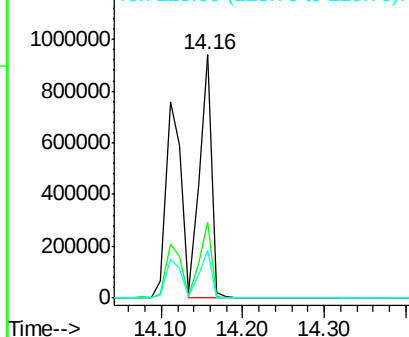
228 100

226 31.0 25.4 38.0

229 19.6 16.2 24.2



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 50.81 ng

RT: 14.10 min Scan# 1051

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

Instrument :

BNA_F

ClientSampleId :

PB96611BS

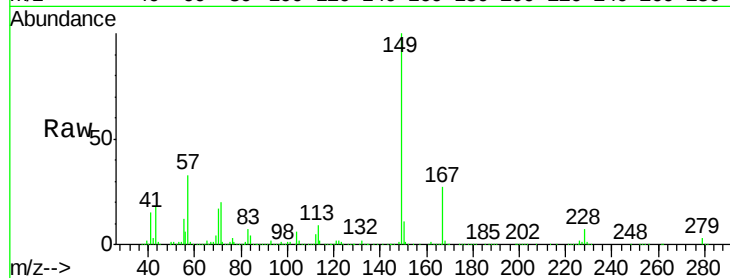
Tot Ion:149 Resp: 749268

Ion Ratio Lower Upper

149 100

167 26.7 20.2 30.4

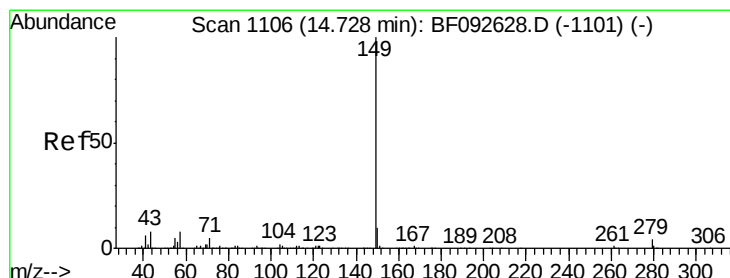
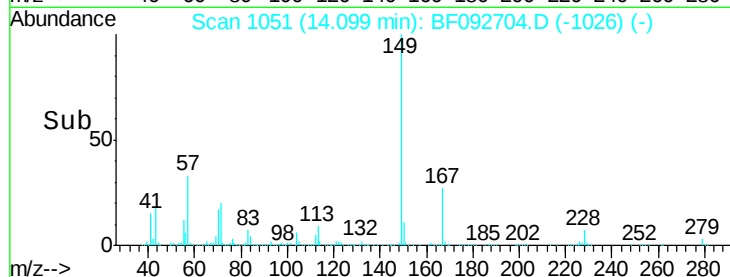
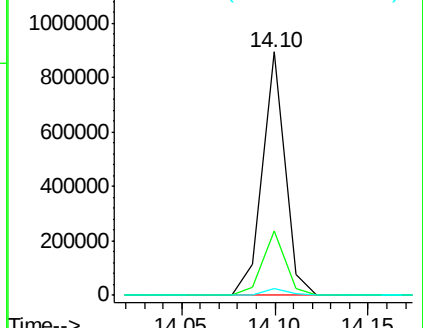
279 2.7 1.8 2.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 45.43 ng

RT: 14.72 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

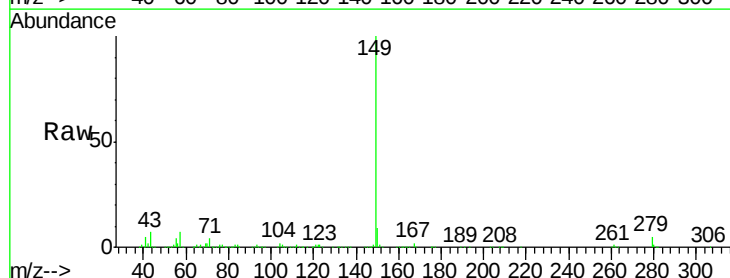
Tgt Ion:149 Resp: 1090745

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

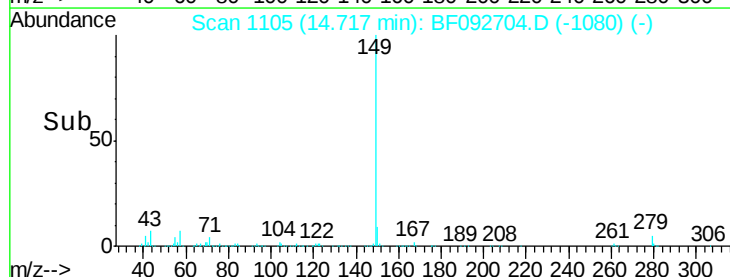
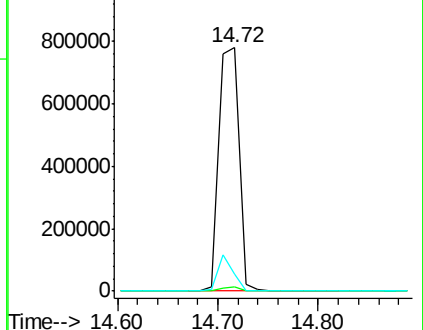
43 11.2 8.9 13.3

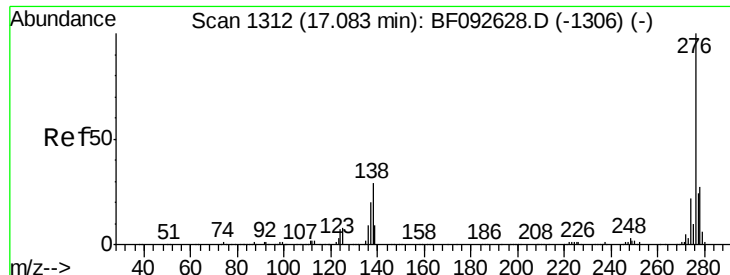


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

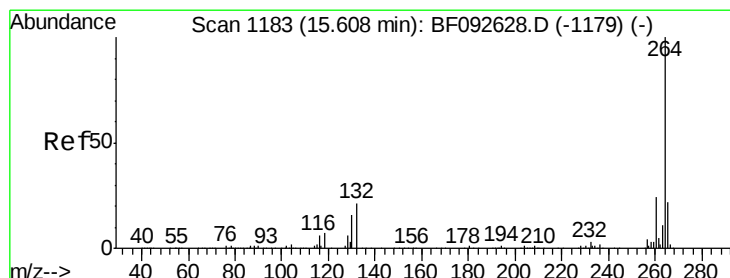
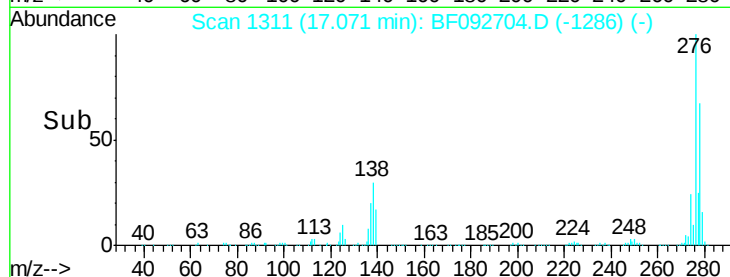
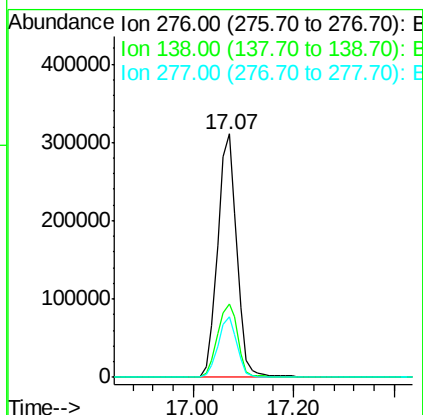
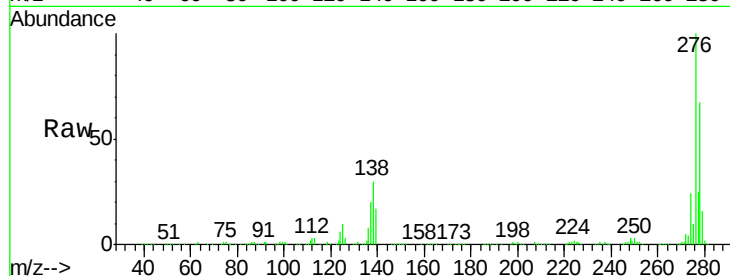




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.18 ng
 RT: 17.07 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF092704.D
 Acq: 1 Feb 2017 15:14

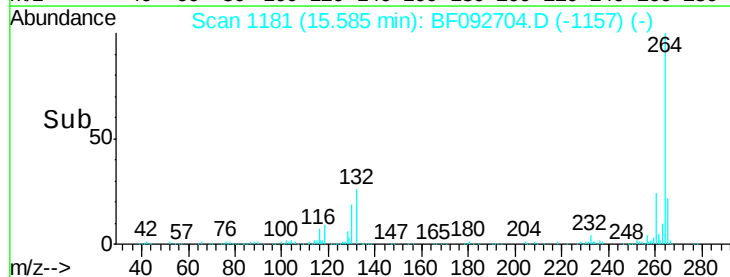
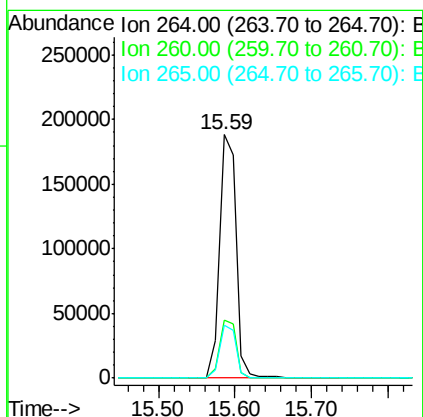
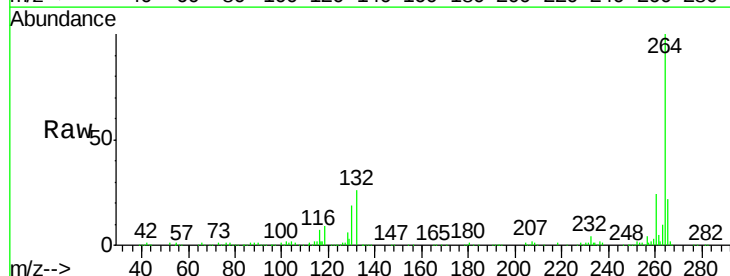
Instrument :
 BNA_F
 ClientSampleId :
 PB96611BS

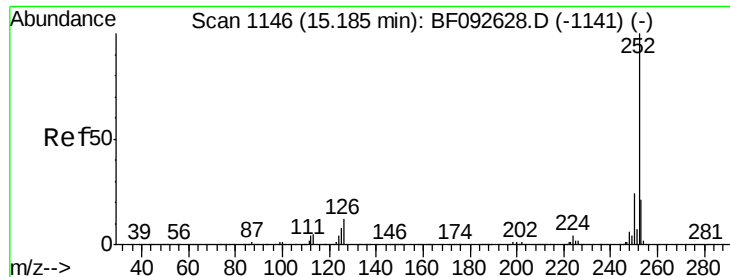
Tot Ion:276 Resp: 821154
 Ion Ratio Lower Upper
 276 100
 138 32.3 21.8 32.6
 277 24.8 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.59 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF092704.D
 Acq: 1 Feb 2017 15:14

Tgt Ion:264 Resp: 285438
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.8 17.4 26.0

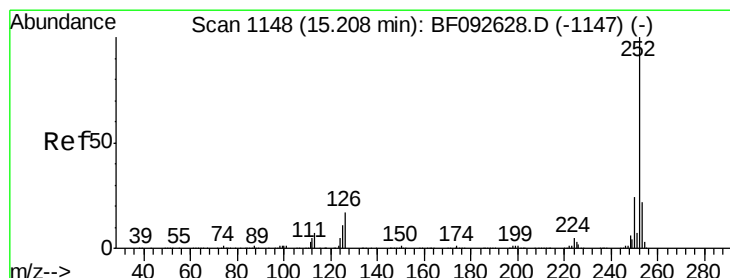
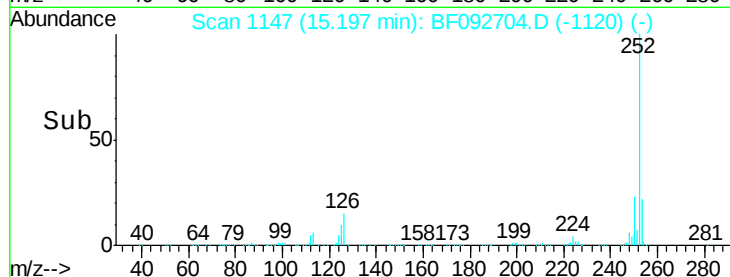
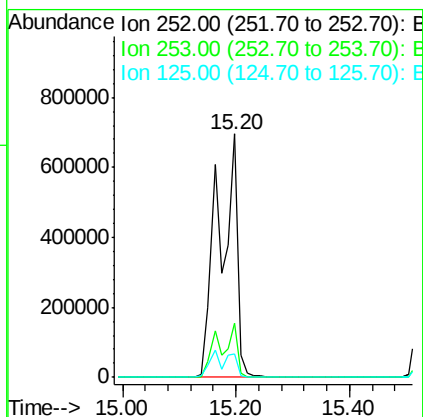
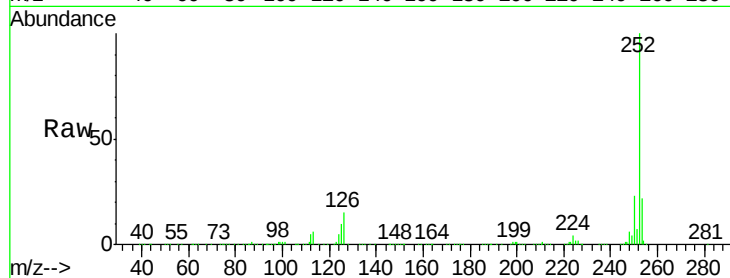




#87
Benzo(b)fluoranthene
Concen: 83.49 ng
RT: 15.20 min Scan# 1147
Delta R.T. 0.01 min
Lab File: BF092704.D
Acq: 1 Feb 2017 15:14

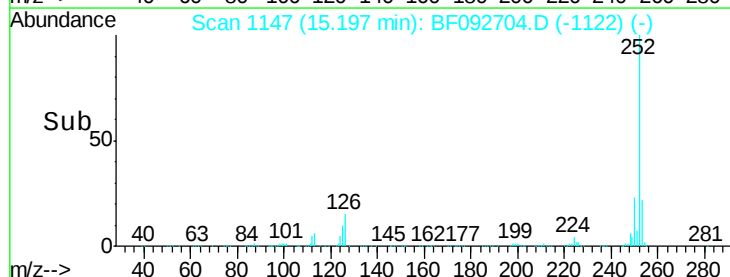
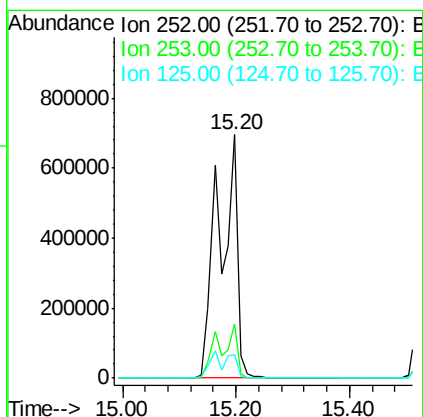
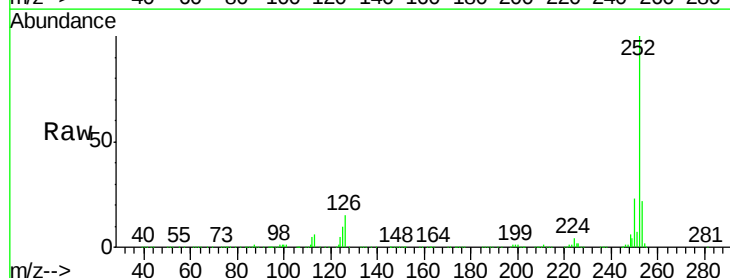
Instrument :
BNA_F
ClientSampleId :
PB96611BS

Tot Ion:252 Resp: 1568554
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 9.8 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 96.70 ng
RT: 15.20 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF092704.D
Acq: 1 Feb 2017 15:14

Tgt Ion:252 Resp: 1568554
Ion Ratio Lower Upper
252 100
253 22.0 18.5 27.7
125 9.8 8.9 13.3





#89

Benzo(a)pyrene

Concen: 45.49 ng

RT: 15.53 min Scan# 1176

Delta R.T. -0.02 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

Instrument :

BNA_F

ClientSampleId :

PB96611BS

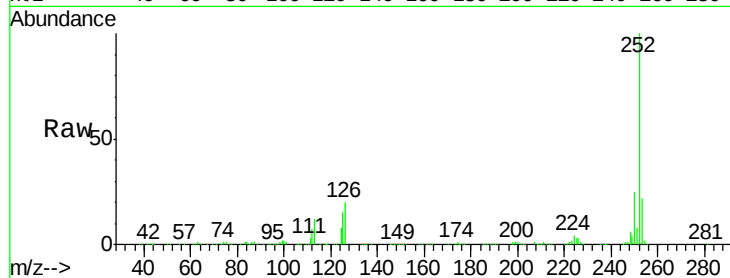
Tot Ion:252 Resp: 739204

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

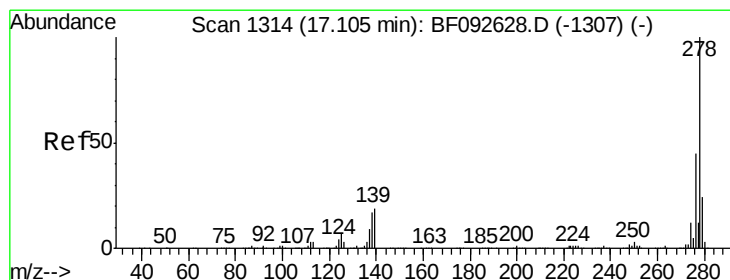
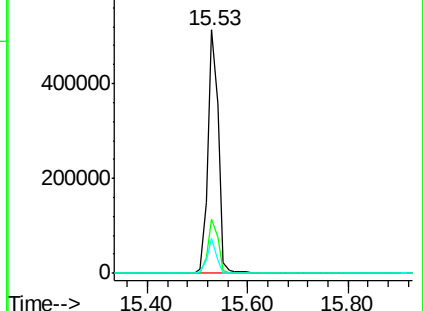
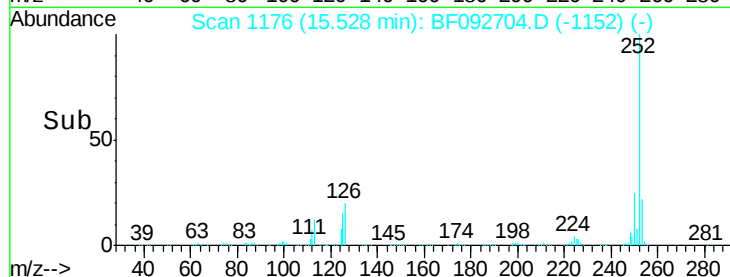
125 14.6 10.0 15.0



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: 51.78 ng

RT: 17.08 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF092704.D

Acq: 1 Feb 2017 15:14

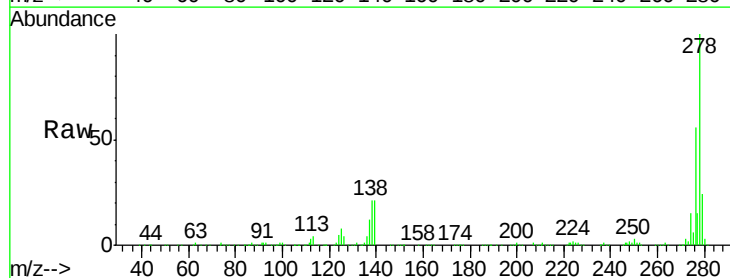
Tgt Ion:278 Resp: 680086

Ion Ratio Lower Upper

278 100

139 20.7 14.8 22.2

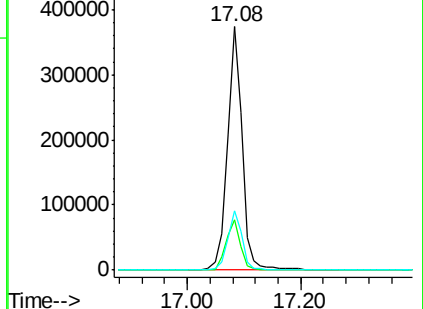
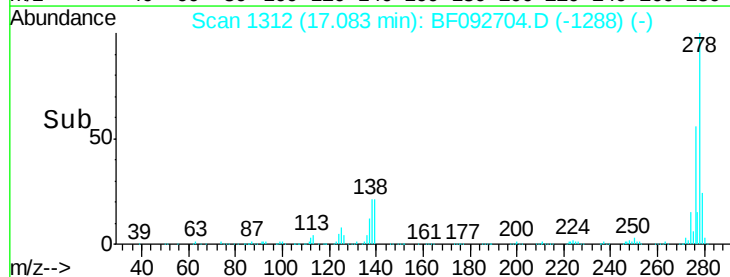
279 24.4 19.8 29.6

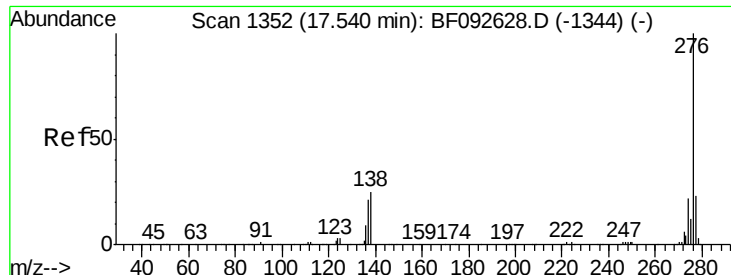


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

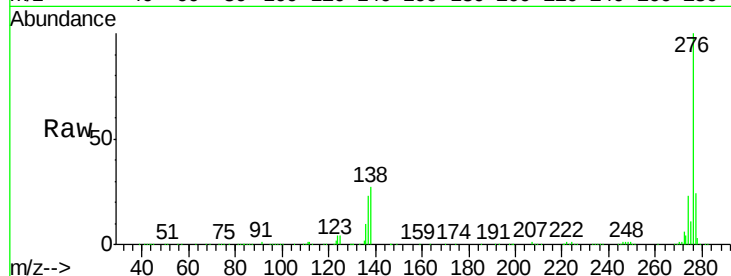




#91
 Benzo(a,h,i)perylene
 Concen: 53.05 ng
 RT: 17.52 min Scan# 1350
 Delta R.T. -0.02 min
 Lab File: BF092704.D
 Acq: 1 Feb 2017 15:14

Instrument :
 BNA_F
 ClientSampleId :
 PB96611BS

Tot Ion: 276 Resp: 703955
 Ion Ratio Lower Upper
 276 100
 277 23.5 19.2 28.8
 138 27.0 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 277.00 (276.70 to 277.70): E
 Ion 138.00 (137.70 to 138.70): E

