

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
 Data File : BF092706.D
 Acq On : 1 Feb 2017 16:08
 Operator : SJ/MA
 Sample : PB96625BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96625BS

Quant Time: Feb 01 17:57:16 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	164496	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	654462	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	323988	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	563749	20.00	ng	0.00
75) Chrysene-d12	14.12	240	370385	20.00	ng	-0.02
86) Perylene-d12	15.60	264	307354	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1303375	135.94	ng	0.00
7) Phenol-d6	6.59	99	1546933	125.39	ng	-0.01
23) Nitrobenzene-d5	7.52	82	1006926	85.68	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	280909	119.88	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1759662	98.40	ng	-0.01
78) Terphenyl-d14	13.07	244	1321981	83.86	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.67	88	196312	37.89	ng	# 82
3) Pyridine	3.42	79	522497	39.66	ng	89
4) n-Nitrosodimethylamine	3.39	42	297514	48.10	ng	87
6) Aniline	6.61	93	367458	21.84	ng	# 63
8) 2-Chlorophenol	6.74	128	460186	43.50	ng	95
9) Benzaldehyde	6.49	77	318499	36.04	ng	85
10) Phenol	6.60	94	508139	35.20	ng	91
11) bis(2-Chloroethyl)ether	6.68	93	482519	41.88	ng	93
12) 1,3-Dichlorobenzene	6.89	146	529245	42.72	ng	96
13) 1,4-Dichlorobenzene	6.97	146	534192	42.60	ng	93
14) 1,2-Dichlorobenzene	7.12	146	483119	40.29	ng	98
15) Benzyl Alcohol	7.09	79	402724	44.09	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	883364	44.13	ng	95
17) 2-Methylphenol	7.21	107	393844	43.40	ng	98
18) Hexachloroethane	7.46	117	178070	41.60	ng	94
19) n-Nitroso-di-n-propylamine	7.36	70	341156	43.44	ng	92
20) 3+4-Methylphenols	7.37	107	476809	43.95	ng	# 85
22) Acetophenone	7.36	105	610456	40.85	ng	# 94
24) Nitrobenzene	7.53	77	537566	44.55	ng	97
25) Isophorone	7.77	82	962122	43.93	ng	94
26) 2-Nitrophenol	7.85	139	251010	43.76	ng	93
27) 2,4-Dimethylphenol	7.89	122	429160	42.60	ng	99
28) bis(2-Chloroethoxy)methane	7.98	93	606446	41.81	ng	99
29) 2,4-Dichlorophenol	8.10	162	406428	43.26	ng	92
30) 1,2,4-Trichlorobenzene	8.18	180	421432	41.62	ng	99
31) Naphthalene	8.26	128	1297645	39.11	ng	99
32) Benzoic acid	8.02	122	252272	44.76	ng	99
33) 4-Chloroaniline	8.32	127	94122	7.23	ng	97
34) Hexachlorobutadiene	8.37	225	210969	37.87	ng	99
35) Caprolactam	8.68	113	138985m	47.03	ng	
36) 4-Chloro-3-methylphenol	8.81	107	455856	46.54	ng	97
37) 2-Methylnaphthalene	8.96	142	928822	43.60	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	368814	40.55	ng	99
40) Hexachlorocyclopentadiene	9.10	237	361992	88.22	ng	96

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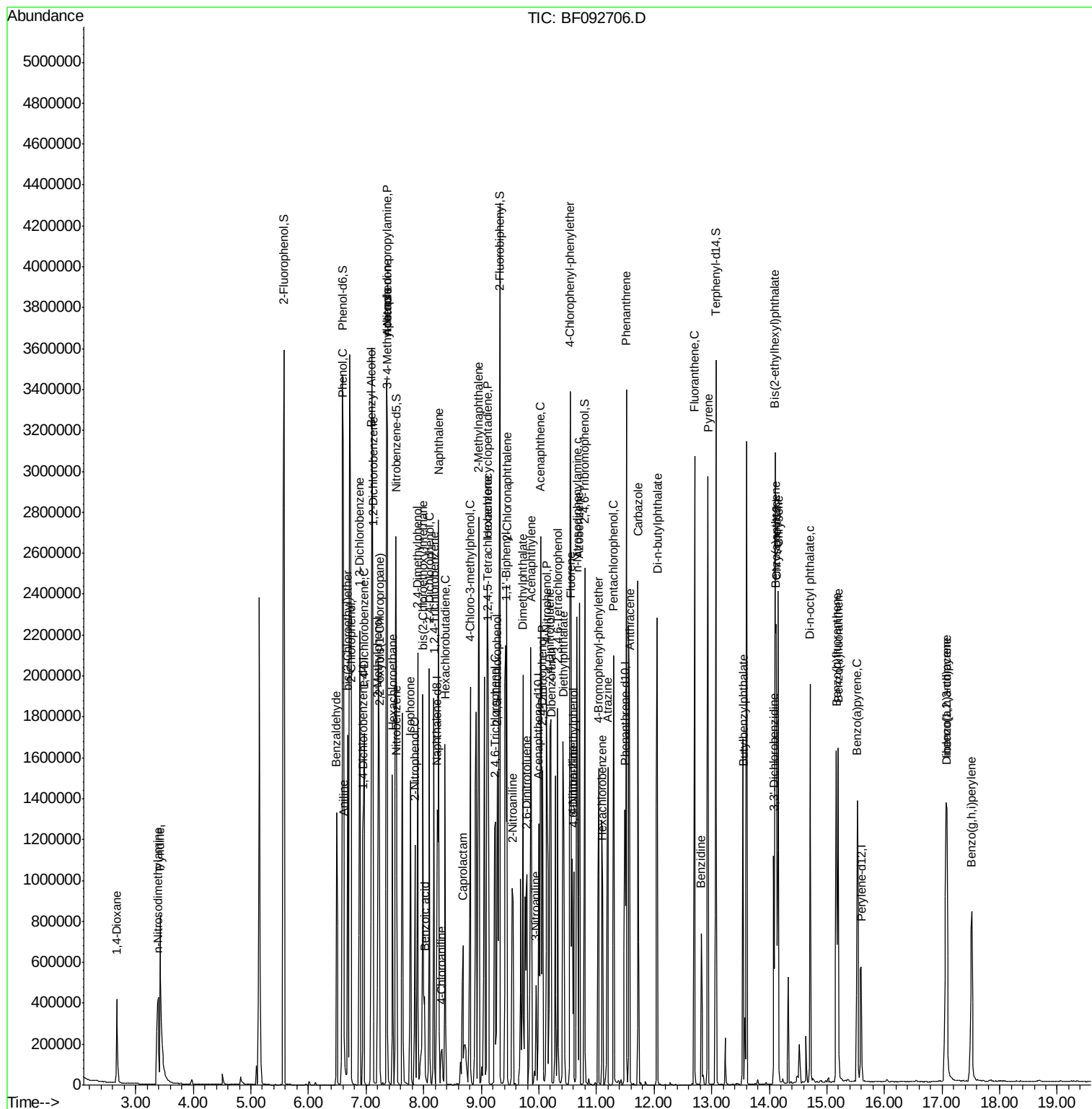
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	289730	48.48	nq	94
43) 2,4,5-Trichlorophenol	9.28	196	281566	43.00	nq	96
45) 1,1'-Biphenyl	9.42	154	1051165	44.81	nq	98
46) 2-Chloronaphthalene	9.45	162	873860	47.62	nq	98
47) 2-Nitroaniline	9.54	65	256745	41.61	nq	91
48) Acenaphthylene	9.86	152	1240230	39.12	nq	99
49) Dimethylphthalate	9.72	163	889939	40.78	nq	98
50) 2,6-Dinitrotoluene	9.79	165	222260	47.16	nq	# 83
51) Acenaphthene	10.03	154	822871	43.41	nq	95
52) 3-Nitroaniline	9.95	138	81550	15.12	nq	92
53) 2,4-Dinitrophenol	10.06	184	208230	86.45	nq	# 79
54) Dibenzofuran	10.21	168	1126527	44.43	nq	# 88
55) 4-Nitrophenol	10.13	139	291655	75.08	nq	95
56) 2,4-Dinitrotoluene	10.19	165	262247	41.80	nq	97
57) Fluorene	10.56	166	837740	42.95	nq	97
58) 2,3,4,6-Tetrachlorophenol	10.33	232	205456	47.04	nq	99
59) Diethylphthalate	10.42	149	904572	43.98	nq	99
60) 4-Chlorophenyl-phenylether	10.54	204	408905	43.64	nq	# 80
61) 4-Nitroaniline	10.58	138	235283	42.59	nq	89
62) Azobenzene	10.70	77	1026408	48.31	nq	93
64) 4,6-Dinitro-2-methylphenol	10.60	198	144172	42.35	nq	82
65) n-Nitrosodiphenylamine	10.66	169	705063	39.15	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	251628	42.72	nq	# 86
67) Hexachlorobenzene	11.10	284	240282	41.28	nq	# 87
68) Atrazine	11.20	200	262577	45.43	nq	94
69) Pentachlorophenol	11.30	266	238491	79.43	nq	98
70) Phenanthrene	11.52	178	1244876	38.54	nq	98
71) Anthracene	11.57	178	1317231	40.61	nq	97
72) Carbazole	11.72	167	1051854	33.93	nq	99
73) Di-n-butylphthalate	12.05	149	1476417	44.03	nq	# 96
74) Fluoranthene	12.71	202	1308986	39.29	nq	95
76) Benzidine	12.82	184	329939	20.90	nq	97
77) Pyrene	12.93	202	1294194	46.69	nq	99
79) Butylbenzylphthalate	13.55	149	558250	49.60	nq	# 69
80) Benzo(a)anthracene	14.11	228	958699	42.32	nq	99
81) 3,3'-Dichlorobenzidine	14.08	252	206679	25.59	nq	99
82) Chrysene	14.16	228	959864	45.26	nq	98
83) Bis(2-ethylhexyl)phthalate	14.10	149	729352	47.38	nq	98
84) Di-n-octyl phthalate	14.71	149	1166493	46.54	nq	99
85) Indeno(1,2,3-cd)pyrene	17.07	276	823905	50.15	nq	95
87) Benzo(b)fluoranthene	15.16	252	764992m	37.81	nq	
88) Benzo(k)fluoranthene	15.20	252	809517m	46.35	nq	
89) Benzo(a)pyrene	15.53	252	744190	42.53	nq	98
90) Dibenzo(a,h)anthracene	17.08	278	690741	48.84	nq	97
91) Benzo(g,h,i)perylene	17.52	276	716824	50.17	nq	# 93

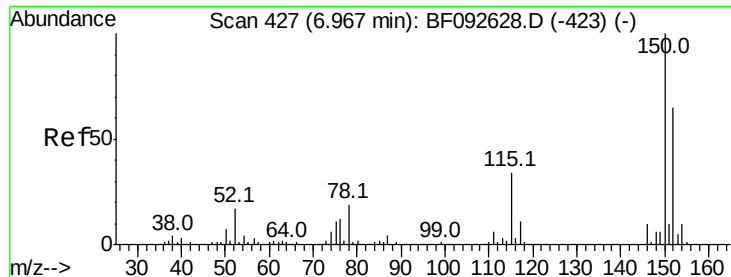
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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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: BF092706.D

Acq: 1 Feb 2017 16:08

Instrument :

BNA_F

ClientSampleId :

PB96625BS

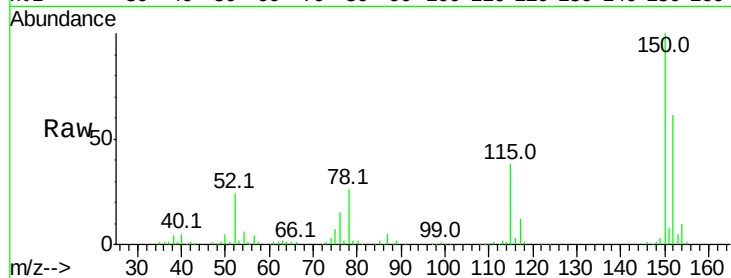
Tot Ion:152 Resp: 164496

Ion Ratio Lower Upper

152 100

150 162.9 124.9 187.3

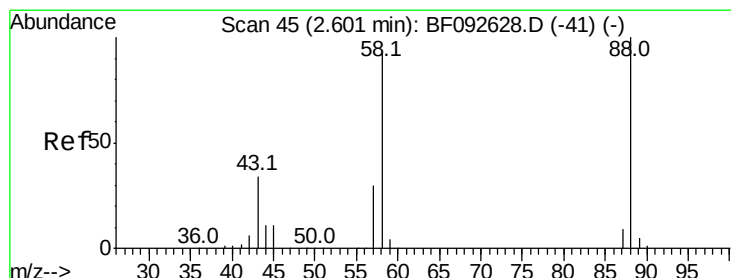
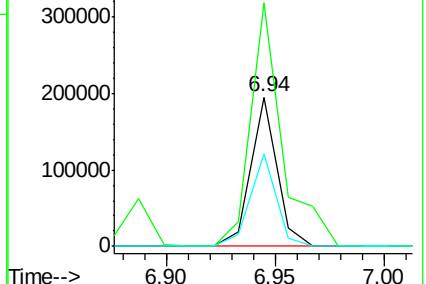
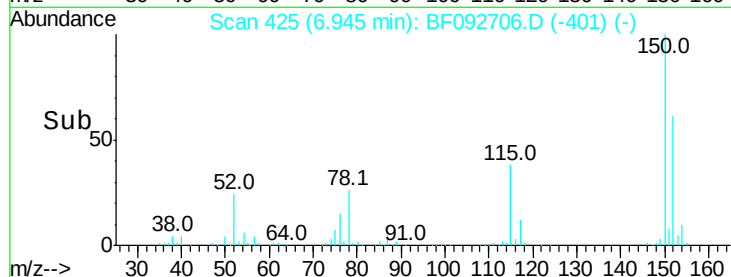
115 61.7 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 37.89 ng

RT: 2.67 min Scan# 51

Delta R.T. 0.07 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

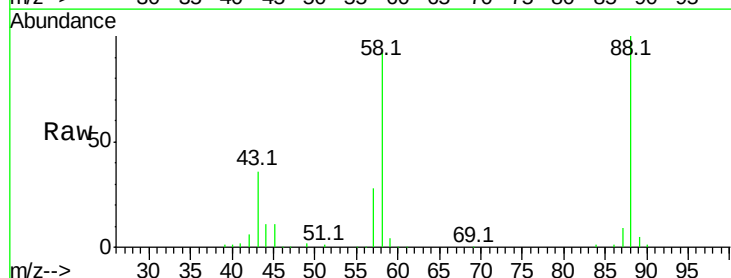
Tgt Ion: 88 Resp: 196312

Ion Ratio Lower Upper

88 100

58 89.4 57.8 86.8#

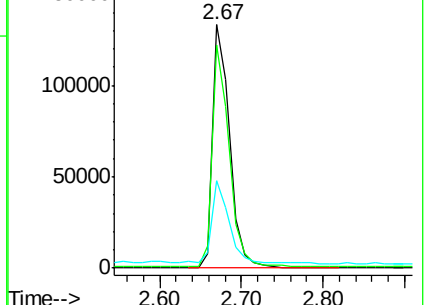
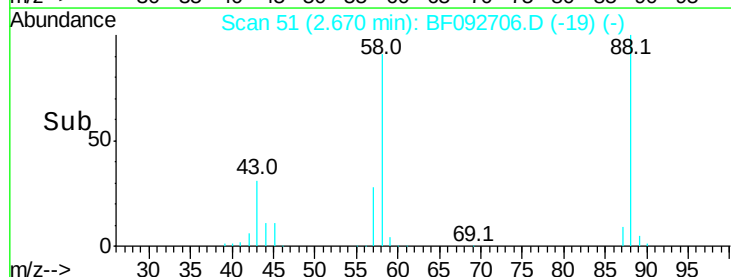
43 33.4 22.3 33.5

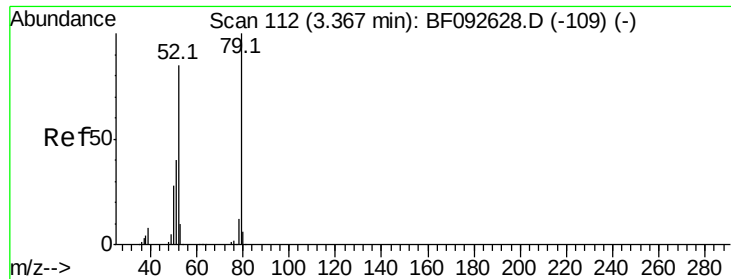


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 39.66 ng

RT: 3.42 min Scan# 117

Delta R.T. 0.06 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

Instrument :

BNA_F

ClientSampleId :

PB96625BS

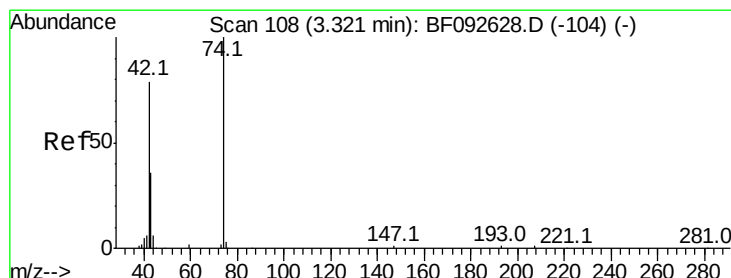
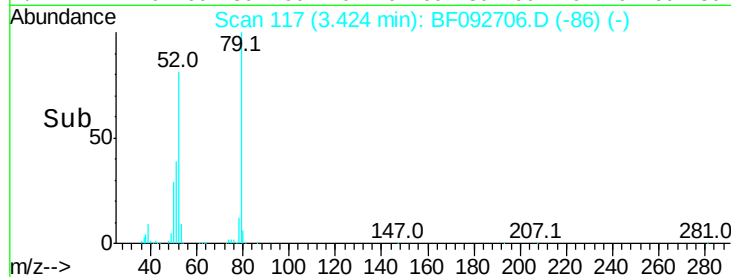
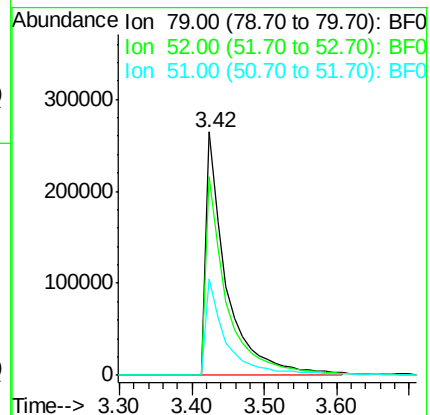
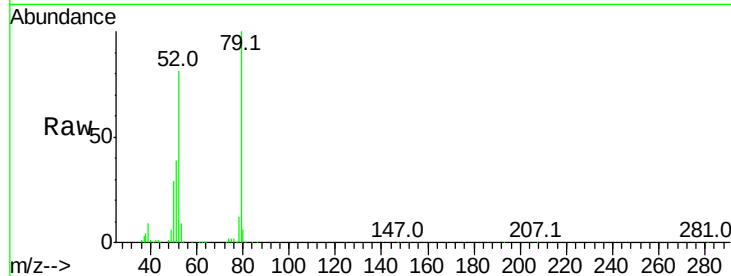
Tot Ion: 79 Resp: 522497

Ion Ratio Lower Upper

79 100

52 81.5 57.1 85.7

51 39.4 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 48.10 ng

RT: 3.39 min Scan# 114

Delta R.T. 0.07 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

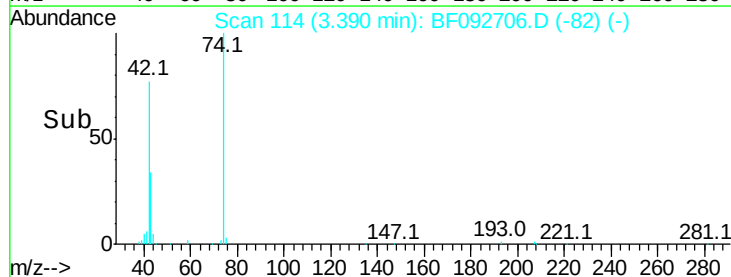
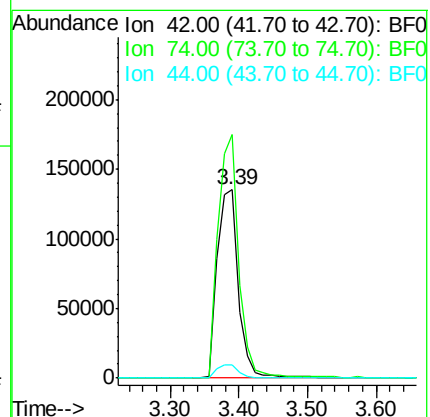
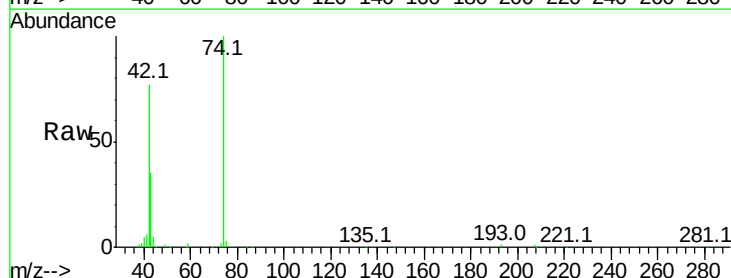
Tgt Ion: 42 Resp: 297514

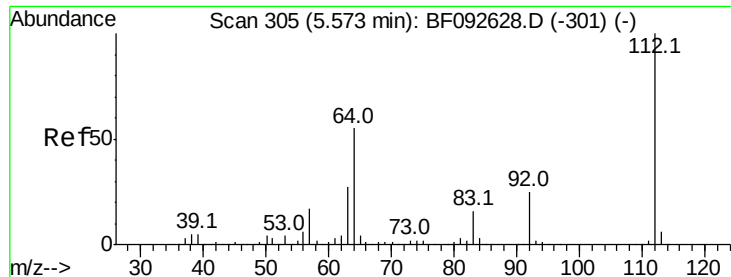
Ion Ratio Lower Upper

42 100

74 129.3 117.0 175.4

44 7.0 5.5 8.3





#5

2-Fluorophenol

Concen: 135.94 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

Instrument :

BNA_F

ClientSampleId :

PB96625BS

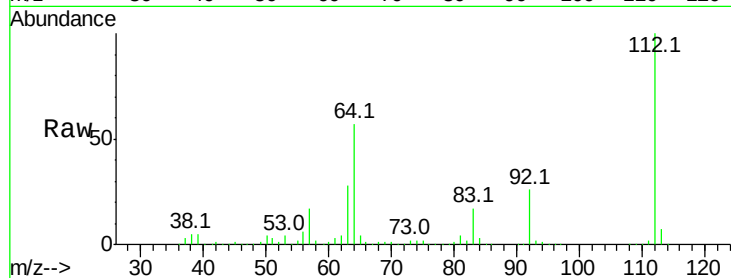
Tot Ion:112 Resp: 1303375

Ion Ratio Lower Upper

112 100

64 56.8 46.1 69.1

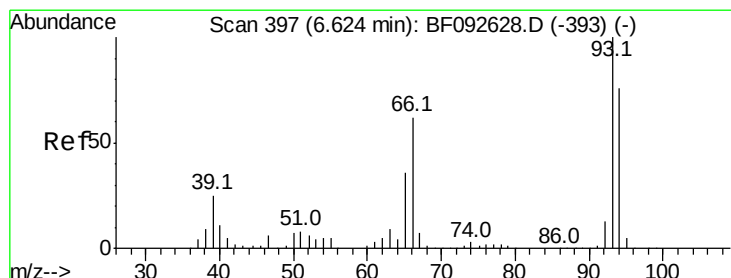
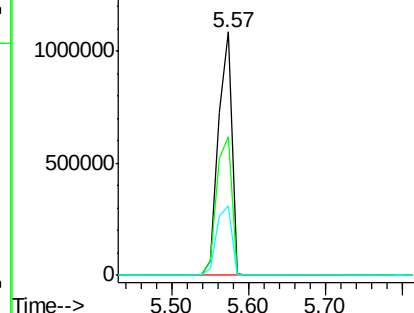
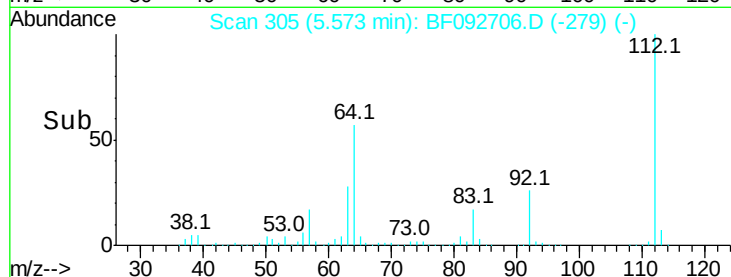
63 28.4 23.8 35.6



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: 21.84 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

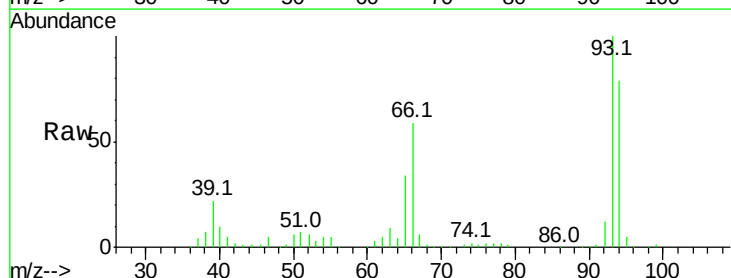
Tgt Ion: 93 Resp: 367458

Ion Ratio Lower Upper

93 100

66 58.6 76.2 114.2#

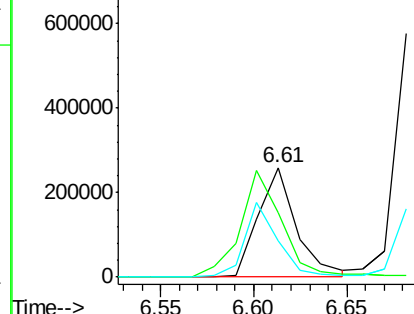
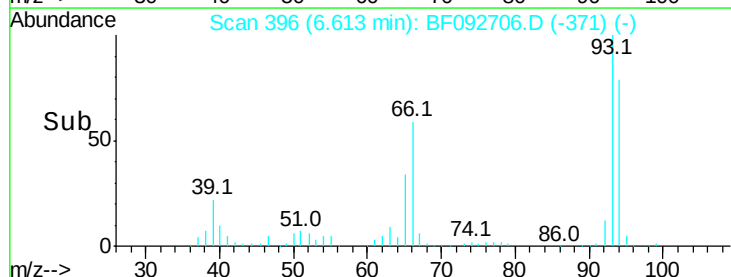
65 33.5 49.3 73.9#

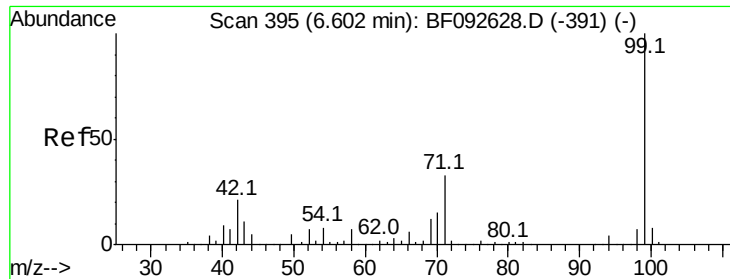


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 125.39 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

Instrument :

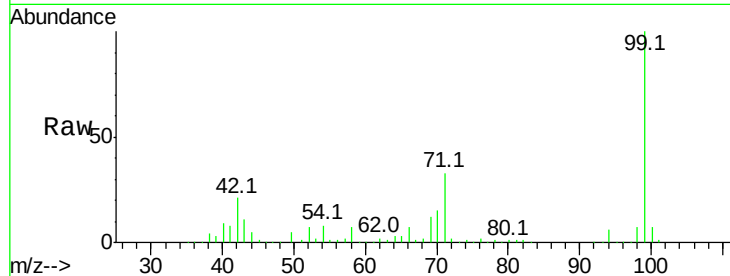
BNA_F

ClientSampleId :

PB96625BS

Tot Ion: 99 Resp: 1546933

Ion	Ratio	Lower	Upper
99	100		
42	21.0	15.6	23.4
71	33.1	27.5	41.3

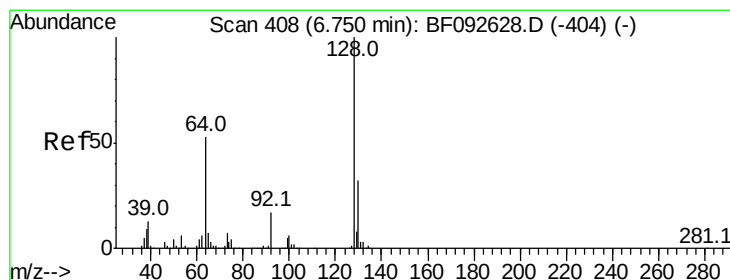
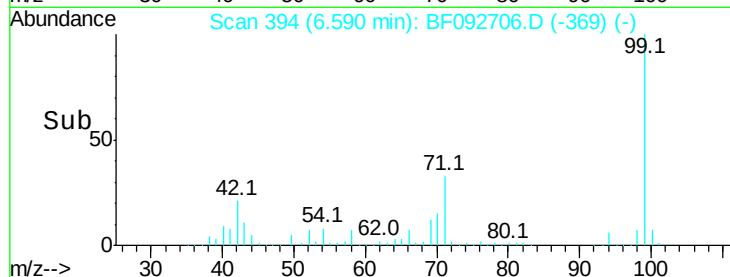
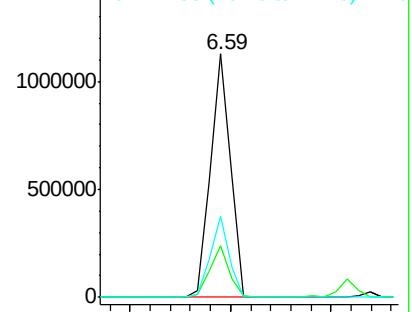


Abundance

Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 43.50 ng

RT: 6.74 min Scan# 407

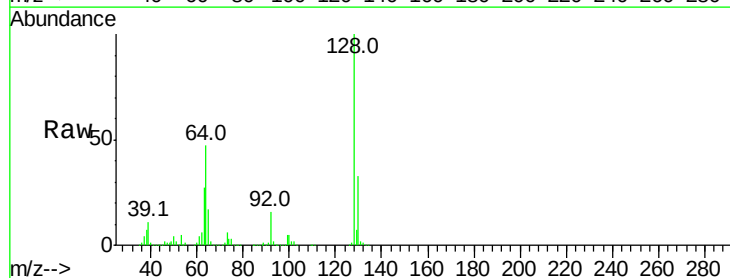
Delta R.T. -0.01 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

Tgt Ion: 128 Resp: 460186

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.3	52.3
64	46.8	32.2	72.2

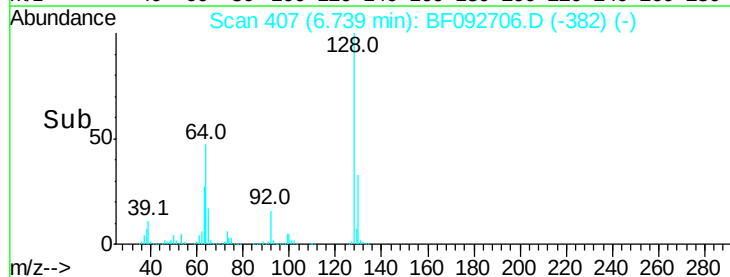
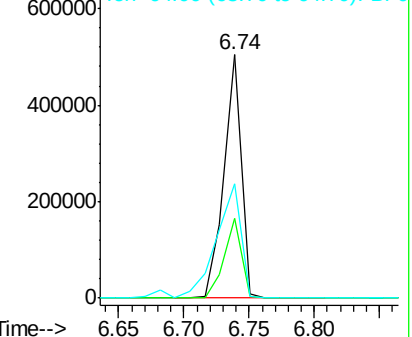


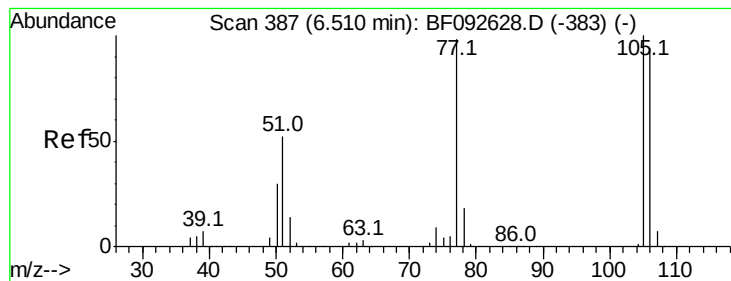
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.04 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

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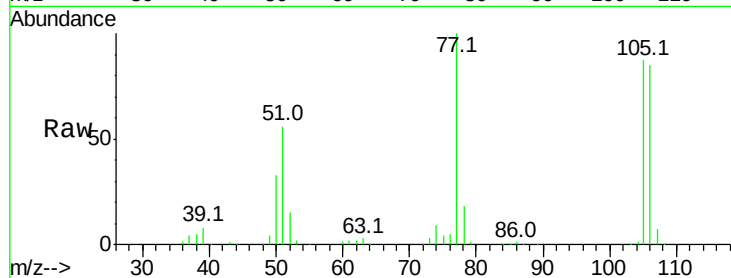
Tot Ion: 77 Resp: 318499

Ion Ratio Lower Upper

77 100

105 86.8 83.9 123.9

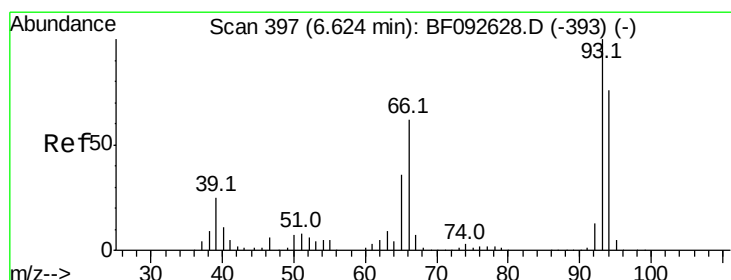
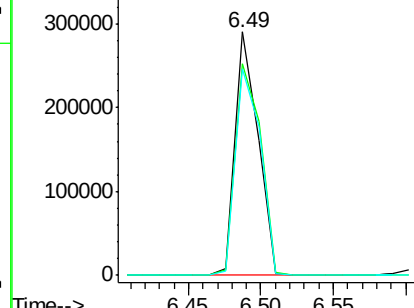
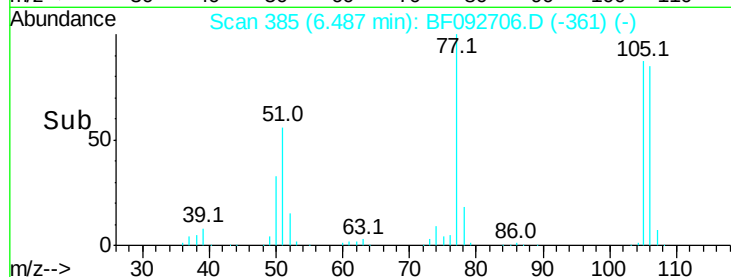
106 84.7 77.6 117.6



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: 35.20 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

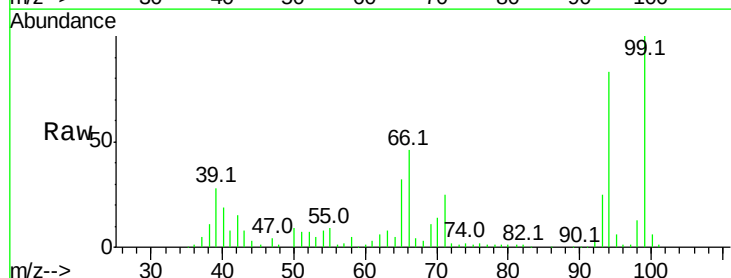
Tgt Ion: 94 Resp: 508139

Ion Ratio Lower Upper

94 100

65 38.5 21.4 61.4

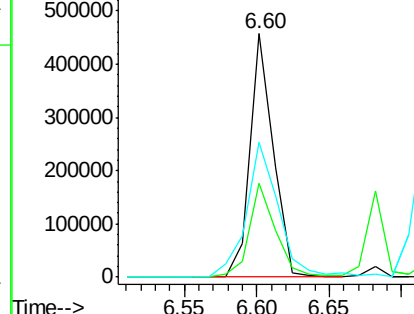
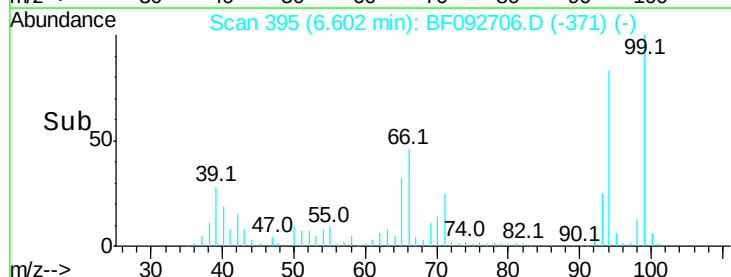
66 55.2 44.0 84.0

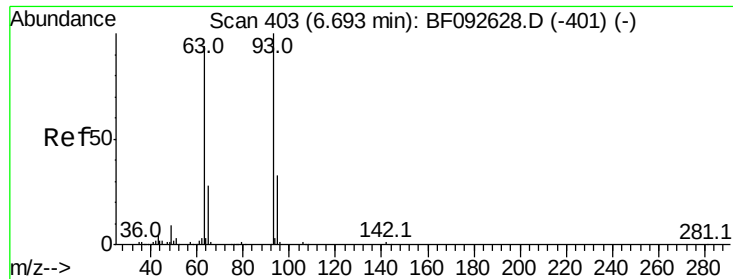


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

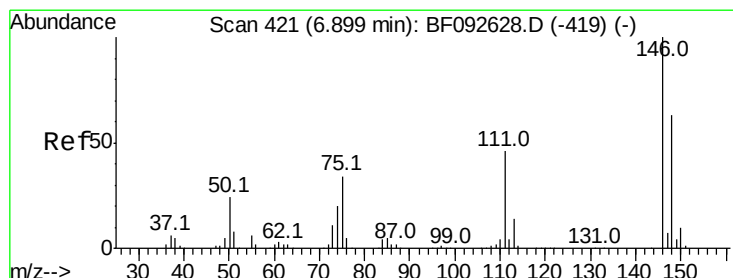
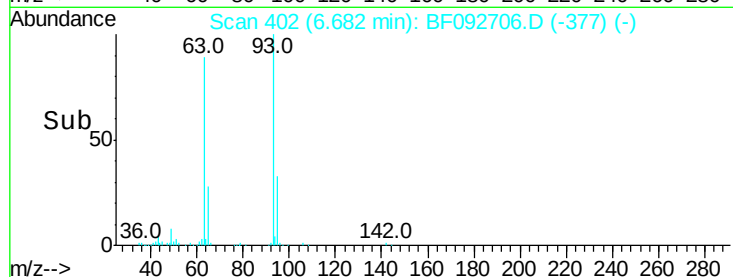
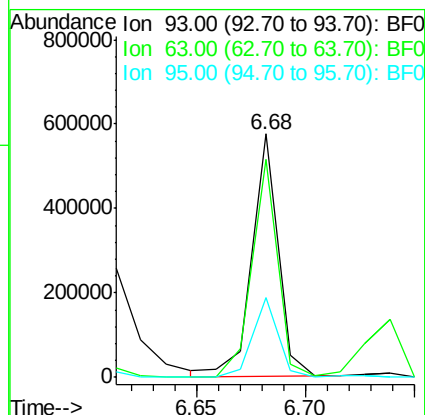
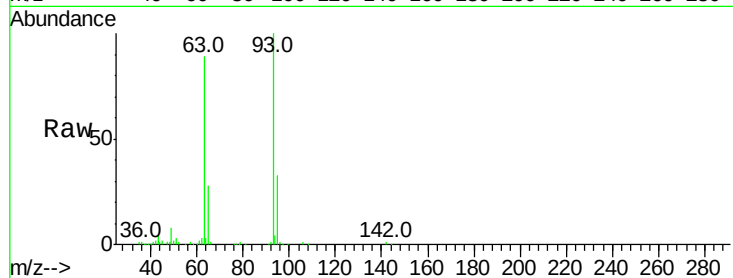




#11
bis(2-Chloroethyl)ether
Concen: 41.88 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF092706.D
Acq: 1 Feb 2017 16:08

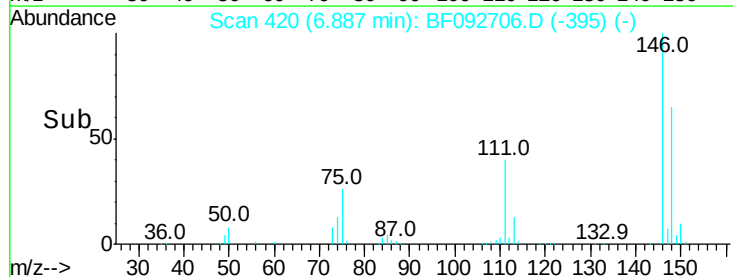
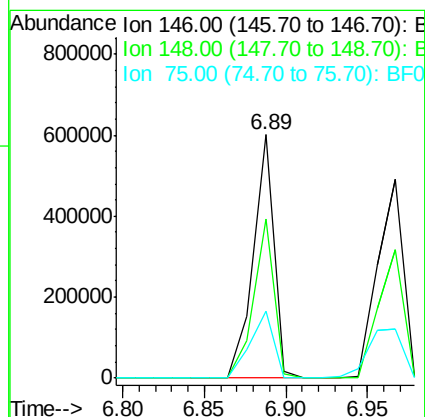
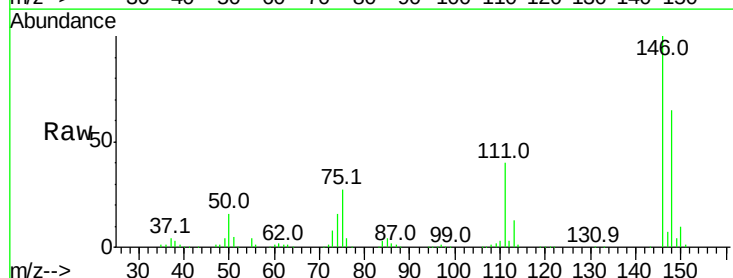
Instrument :
BNA_F
ClientSampleId :
PB96625BS

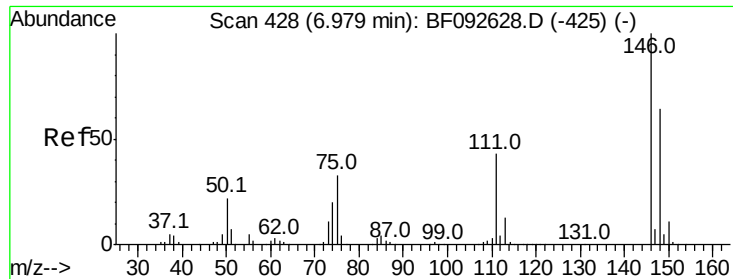
Tot Ion:	93	Resp:	482519
Ion	Ratio	Lower	Upper
93	100		
63	89.5	60.4	100.4
95	32.6	12.8	52.8



#12
1,3-Dichlorobenzene
Concen: 42.72 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF092706.D
Acq: 1 Feb 2017 16:08

Tgt Ion:	146	Resp:	529245
Ion	Ratio	Lower	Upper
146	100		
148	65.4	53.4	80.0
75	27.5	18.5	27.7

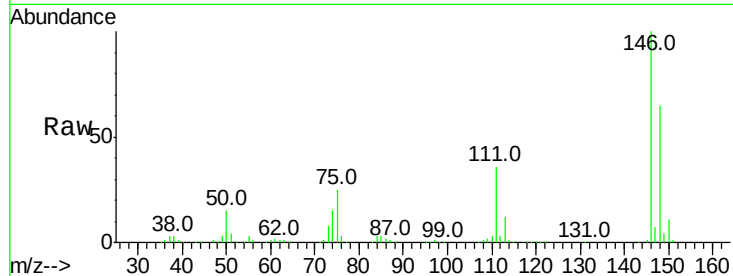




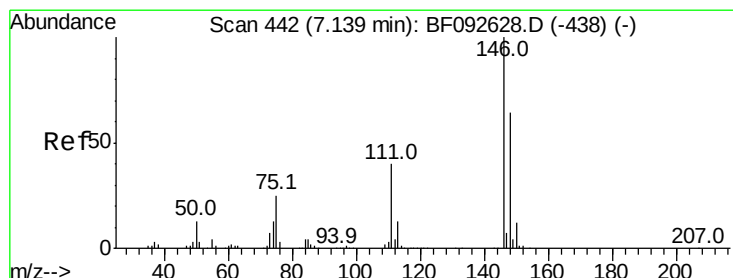
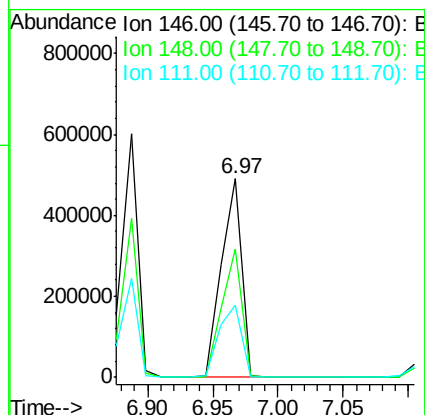
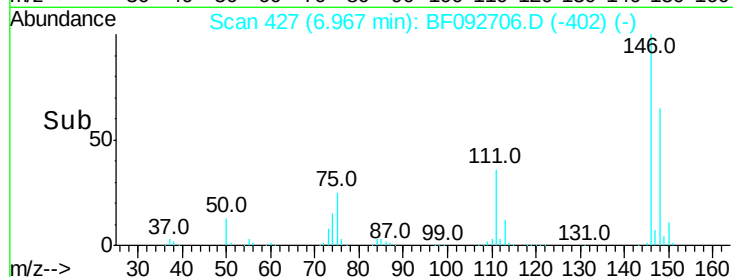
#13
 1,4-Dichlorobenzene
 Concen: 42.60 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.01 min
 Lab File: BF092706.D
 Acq: 1 Feb 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB96625BS

Tot Ion:146 Resp: 534192
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.6 76.0
 111 36.4 36.2 54.4

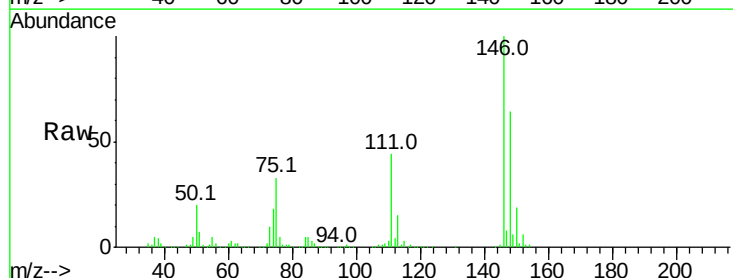


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

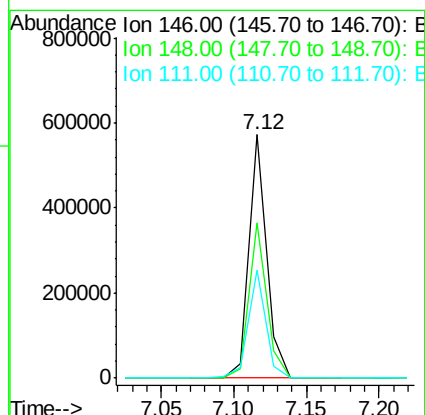
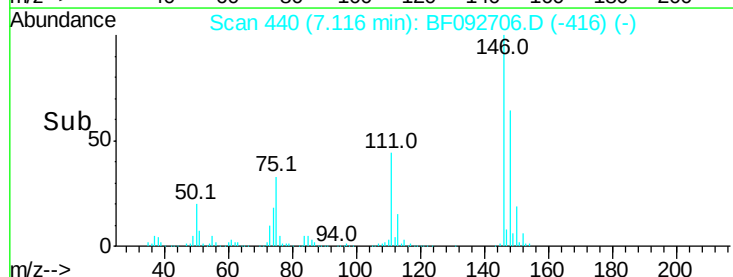


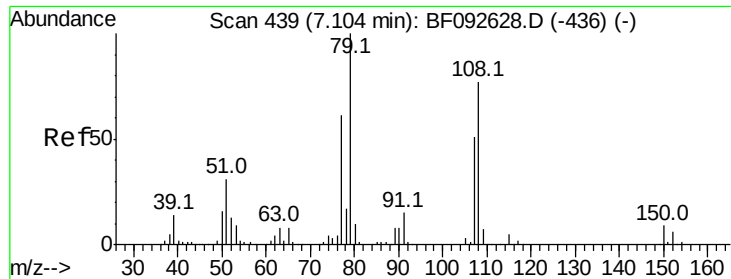
#14
 1,2-Dichlorobenzene
 Concen: 40.29 ng
 RT: 7.12 min Scan# 440
 Delta R.T. -0.02 min
 Lab File: BF092706.D
 Acq: 1 Feb 2017 16:08

Tgt Ion:146 Resp: 483119
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.2 78.2
 111 44.5 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

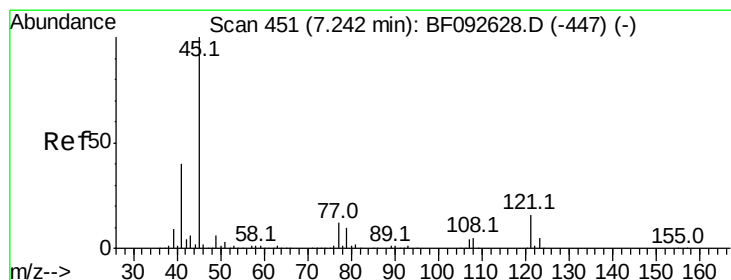
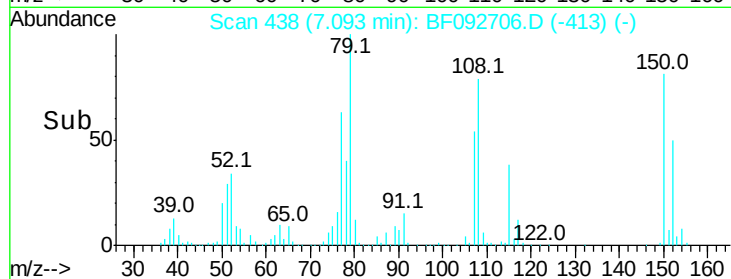
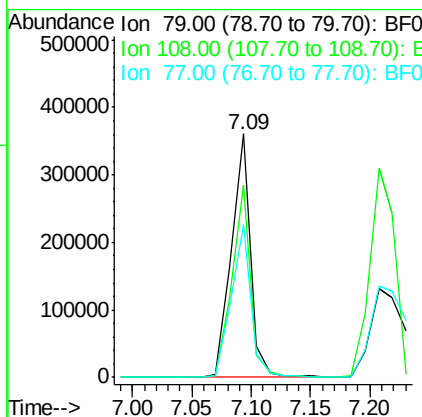
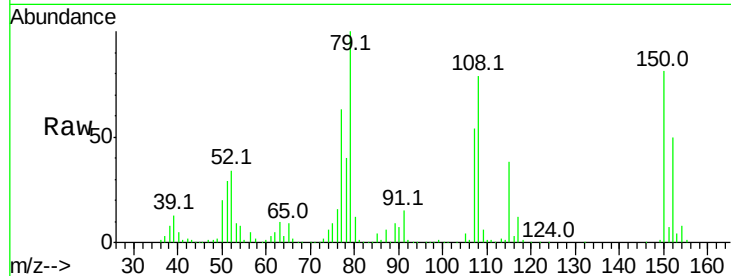




#15
Benzyl Alcohol
Concen: 44.09 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF092706.D
Acq: 1 Feb 2017 16:08

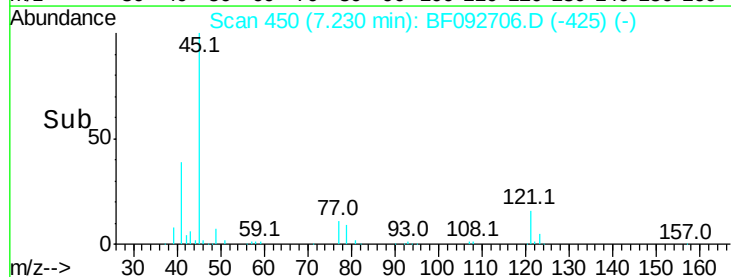
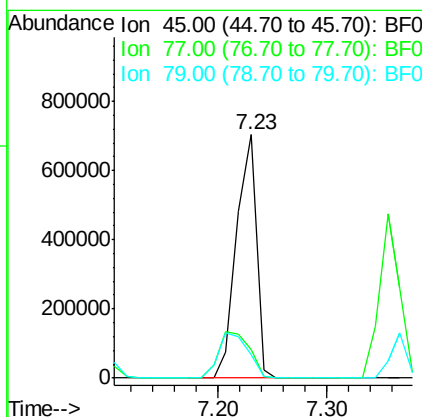
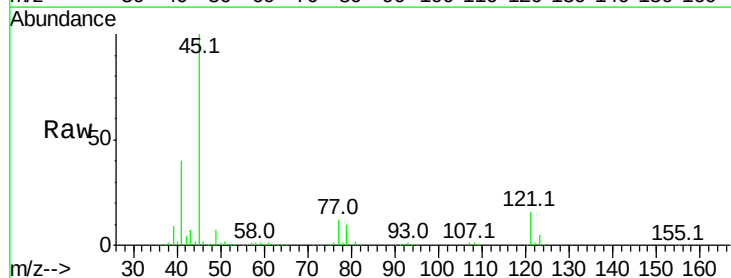
Instrument :
BNA_F
ClientSampleID :
PB96625BS

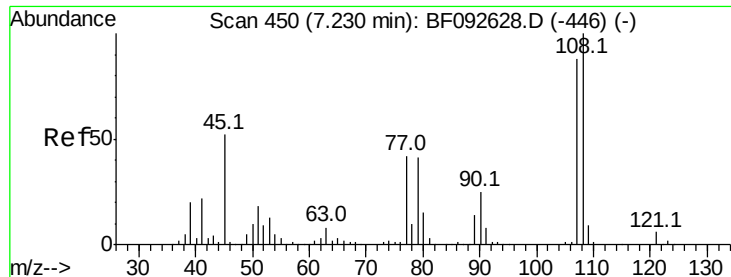
Tot Ion: 79 Resp: 402724
Ion Ratio Lower Upper
79 100
108 78.8 61.4 92.0
77 62.7 50.9 76.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 44.13 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF092706.D
Acq: 1 Feb 2017 16:08

Tgt Ion: 45 Resp: 883364
Ion Ratio Lower Upper
45 100
77 11.9 0.0 34.6
79 9.8 0.0 31.2

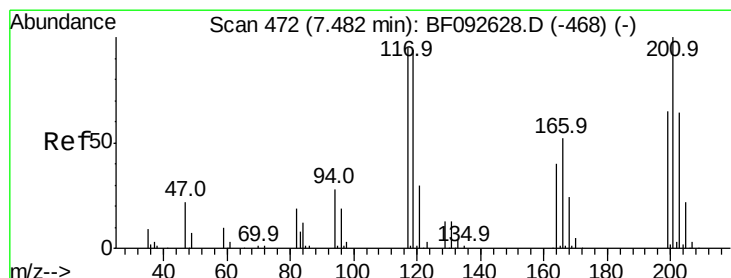
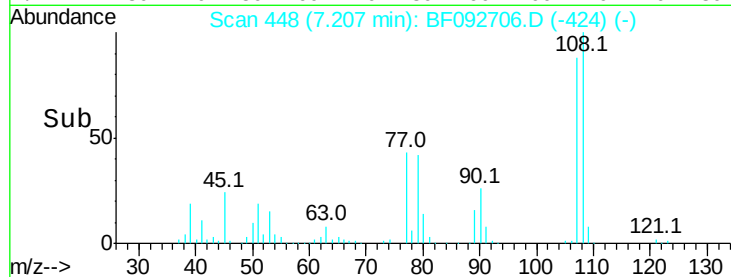
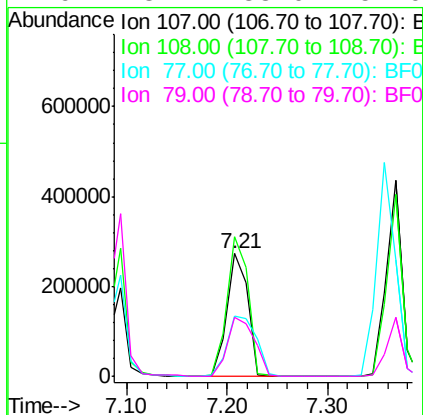
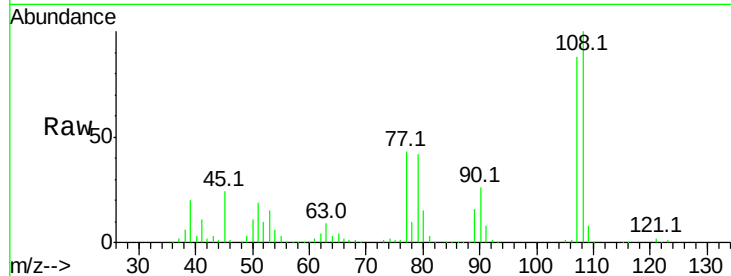




#17
2-Methylphenol
Concen: 43.40 ng
RT: 7.21 min Scan# 448
Delta R.T. -0.02 min
Lab File: BF092706.D
Acq: 1 Feb 2017 16:08

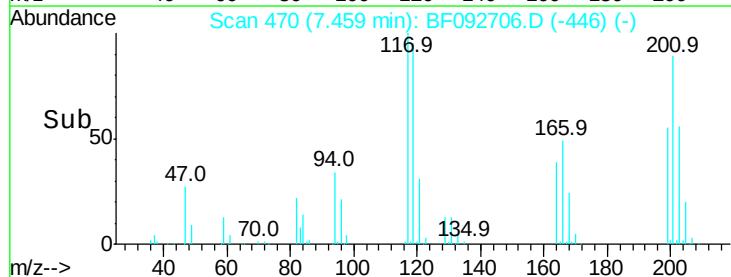
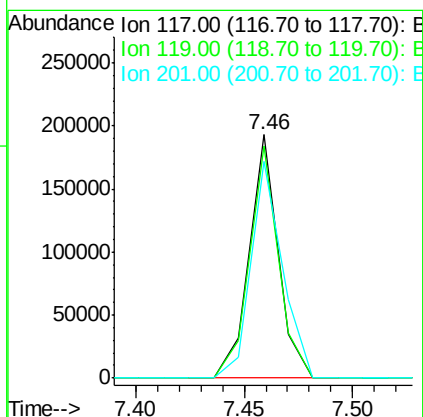
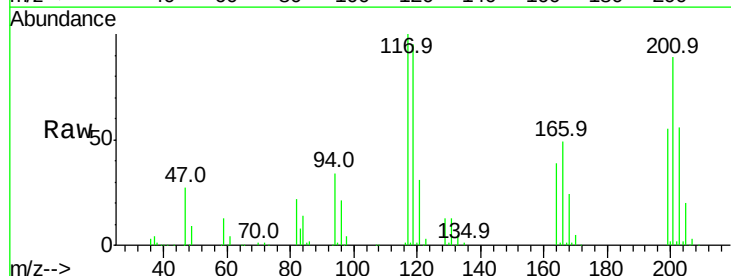
Instrument :
BNA_F
ClientSampleId :
PB96625BS

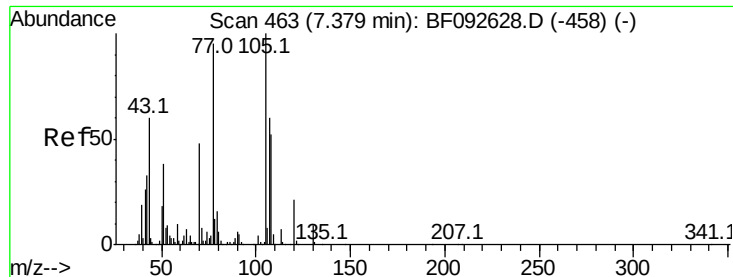
Tot Ion:107 Resp: 393844
Ion Ratio Lower Upper
107 100
108 113.9 93.0 139.6
77 49.5 39.8 59.8
79 48.1 38.0 57.0



#18
Hexachloroethane
Concen: 41.60 ng
RT: 7.46 min Scan# 470
Delta R.T. -0.02 min
Lab File: BF092706.D
Acq: 1 Feb 2017 16:08

Tgt Ion:117 Resp: 178070
Ion Ratio Lower Upper
117 100
119 95.2 78.1 117.1
201 89.1 78.6 117.8

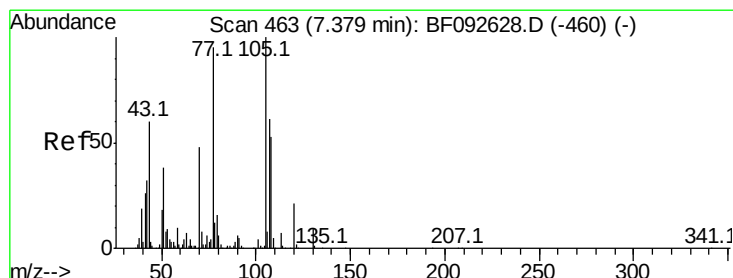
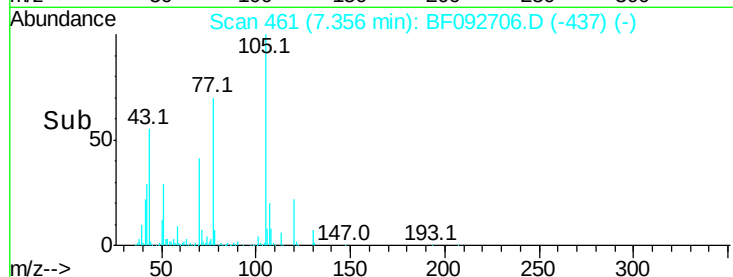
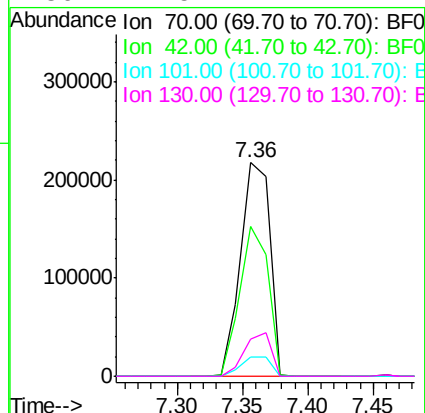
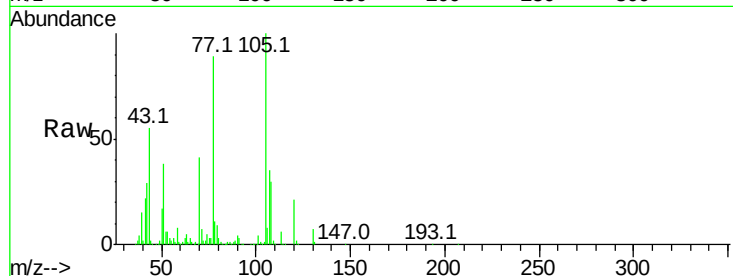




#19
n-Nitroso-di-n-propylamine
Concen: 43.44 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF092706.D
Acq: 1 Feb 2017 16:08

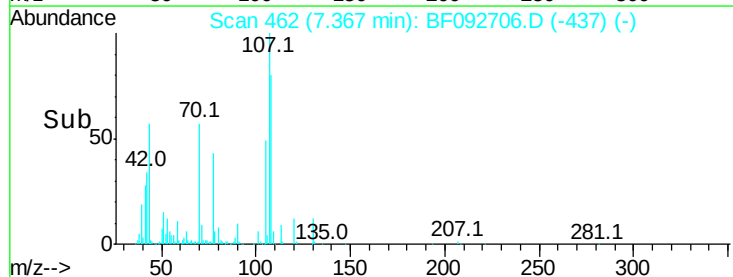
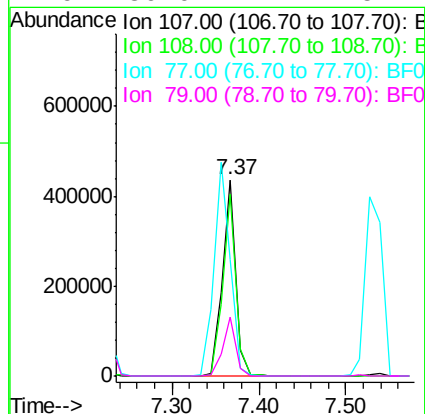
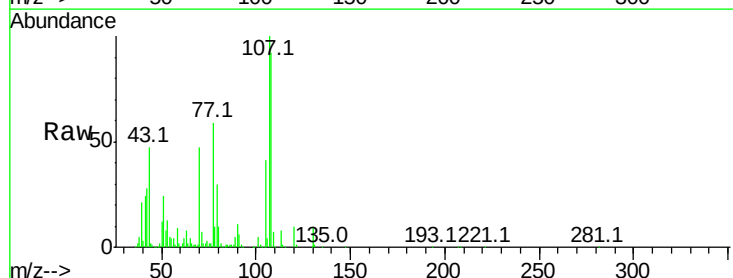
Instrument :
BNA_F
ClientSampleId :
PB96625BS

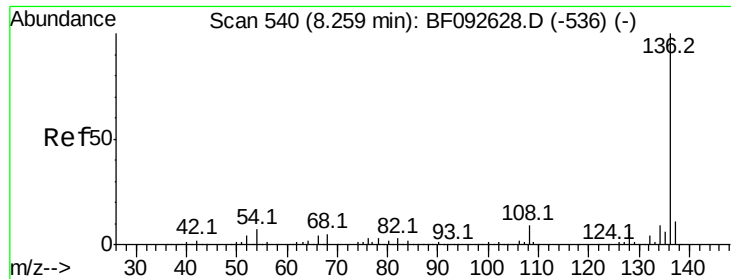
Tot Ion: 70 Resp: 341156
Ion Ratio Lower Upper
70 100
42 70.4 49.4 74.0
101 9.0 7.4 11.2
130 17.5 14.2 21.4



#20
3+4-Methylphenols
Concen: 43.95 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF092706.D
Acq: 1 Feb 2017 16:08

Tgt Ion: 107 Resp: 476809
Ion Ratio Lower Upper
107 100
108 92.3 73.0 113.0
77 59.4 71.3 111.3#
79 30.0 11.1 51.1

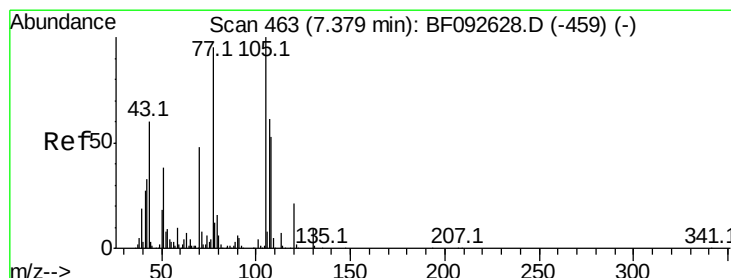
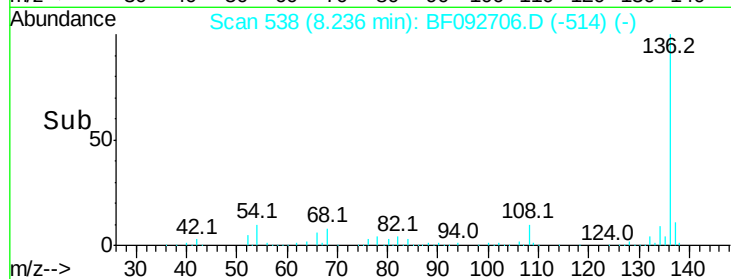
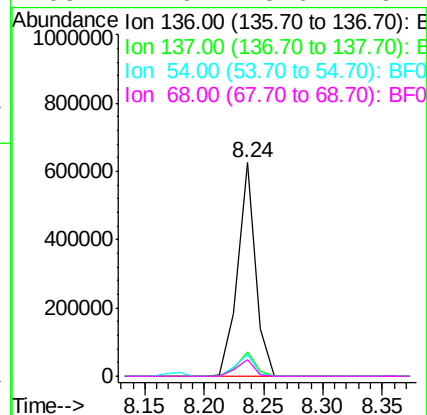
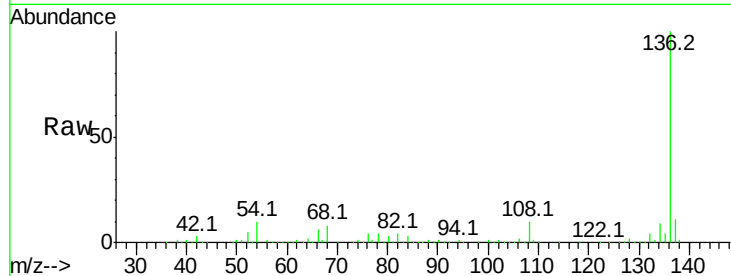




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092706.D
Acq: 1 Feb 2017 16:08

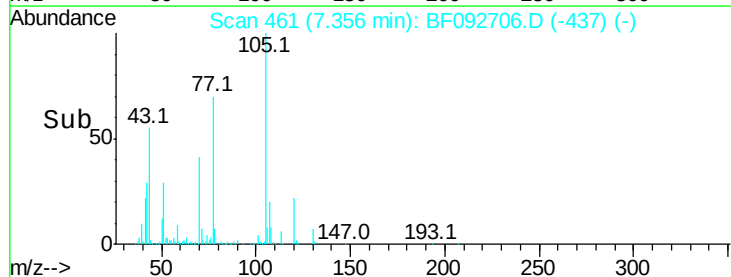
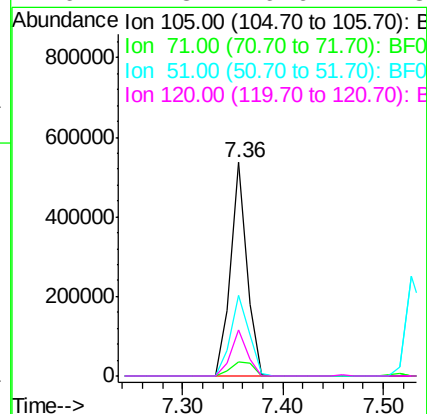
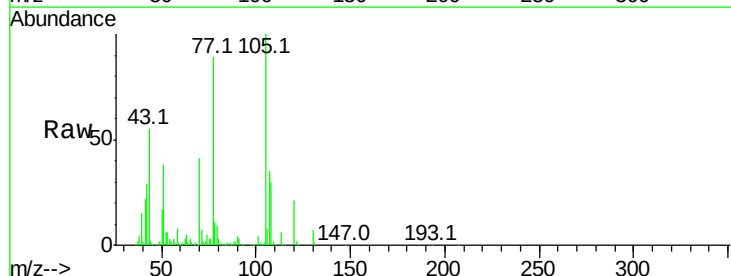
Instrument :
BNA_F
ClientSampleId :
PB96625BS

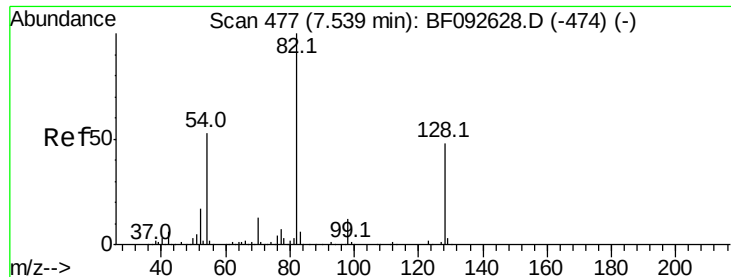
Tot Ion:136	Resp:	654462
Ion Ratio	Lower	Upper
136	100	
137	11.4	8.4 12.6
54	10.4	4.5 6.7#
68	7.6	3.6 5.4#



#22
Acetophenone
Concen: 40.85 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.02 min
Lab File: BF092706.D
Acq: 1 Feb 2017 16:08

Tgt Ion:105	Resp:	610456
Ion Ratio	Lower	Upper
105	100	
71	6.8	3.2 4.8#
51	37.7	26.2 39.4
120	21.3	16.6 24.8



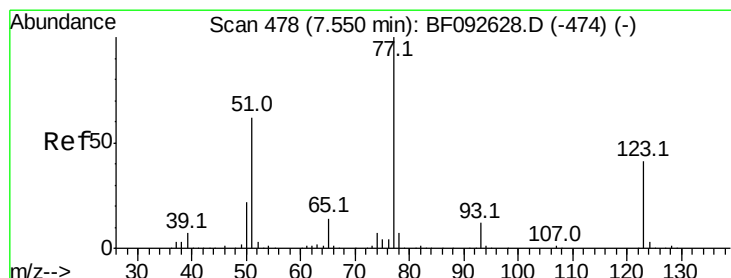
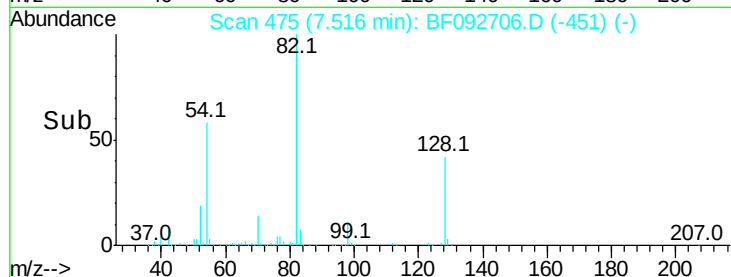
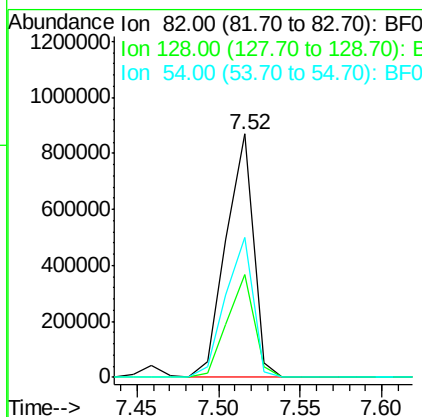
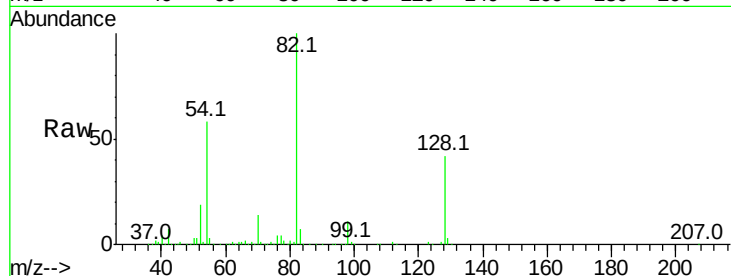


#23
 Nitrobenzene-d5
 Concen: 85.68 ng
 RT: 7.52 min Scan# 475
 Delta R.T. -0.02 min
 Lab File: BF092706.D
 Acq: 1 Feb 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB96625BS

Tot Ion: 82 Resp: 1006926

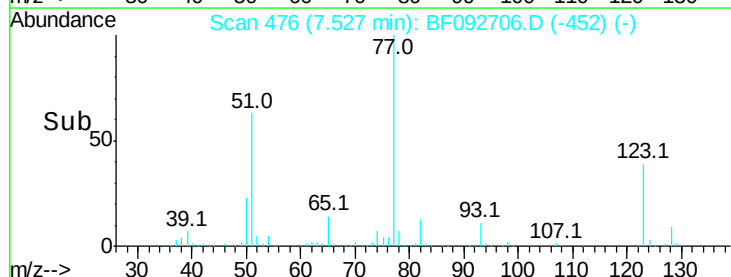
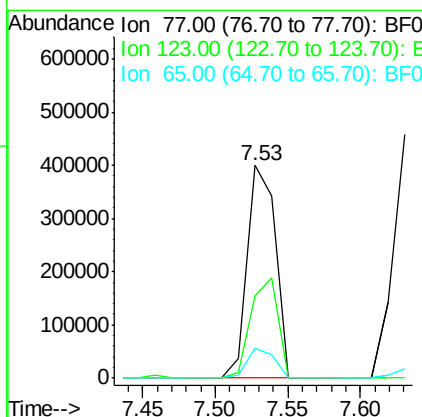
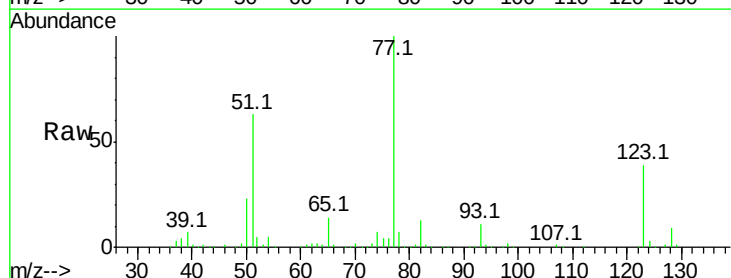
Ion	Ratio	Lower	Upper
82	100		
128	42.3	34.6	52.0
54	57.5	39.5	59.3

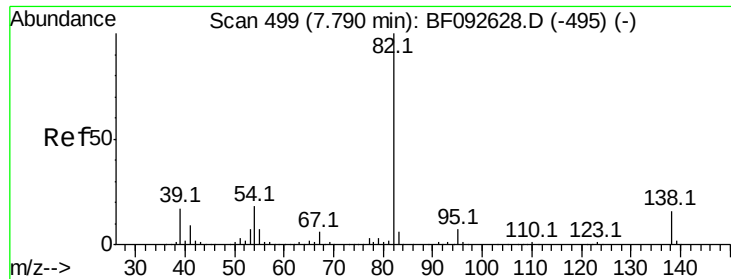


#24
 Nitrobenzene
 Concen: 44.55 ng
 RT: 7.53 min Scan# 476
 Delta R.T. -0.02 min
 Lab File: BF092706.D
 Acq: 1 Feb 2017 16:08

Tgt Ion: 77 Resp: 537566

Ion	Ratio	Lower	Upper
77	100		
123	38.9	33.0	49.4
65	14.3	11.2	16.8





#25

Isophorone

Concen: 43.93 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

Instrument :

BNA_F

ClientSampleId :

PB96625BS

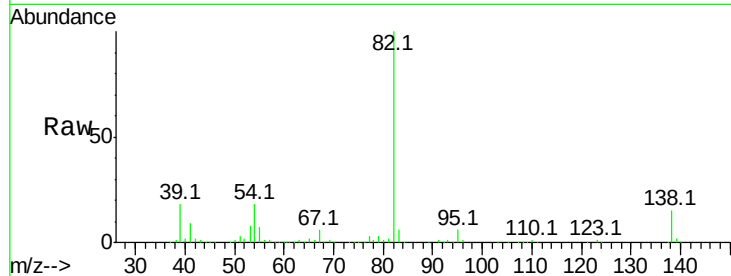
Tot Ion: 82 Resp: 962122

Ion Ratio Lower Upper

82 100

95 6.1 5.6 8.4

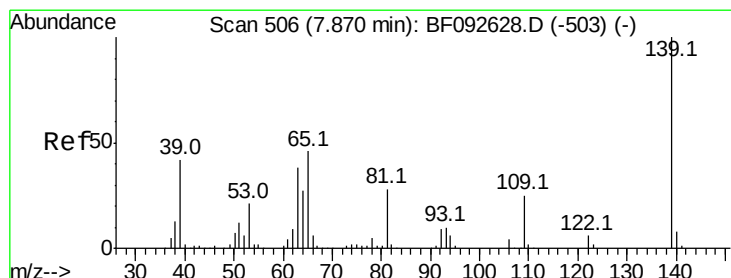
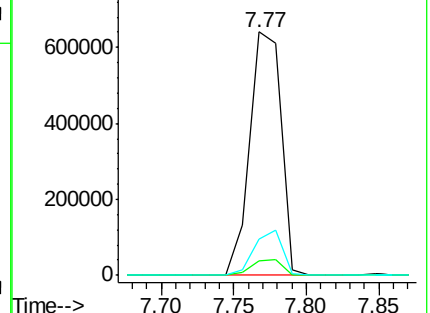
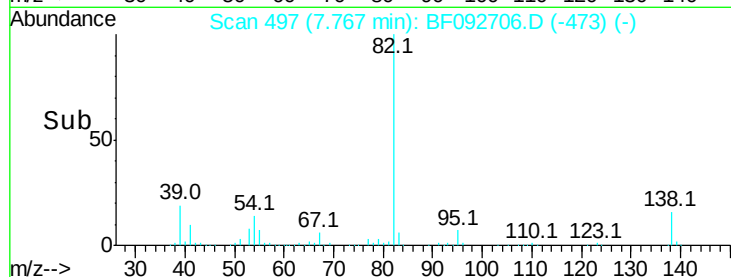
138 15.0 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 43.76 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

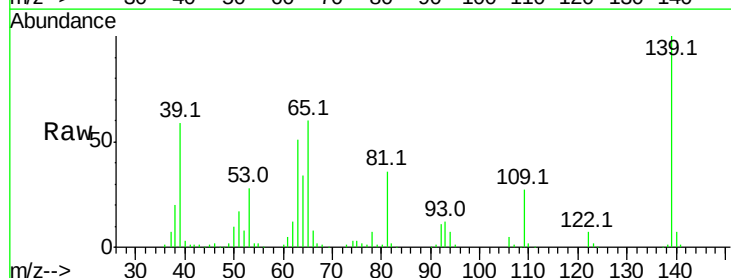
Tgt Ion: 139 Resp: 251010

Ion Ratio Lower Upper

139 100

109 27.2 23.3 34.9

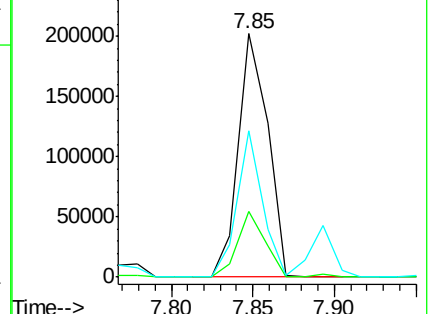
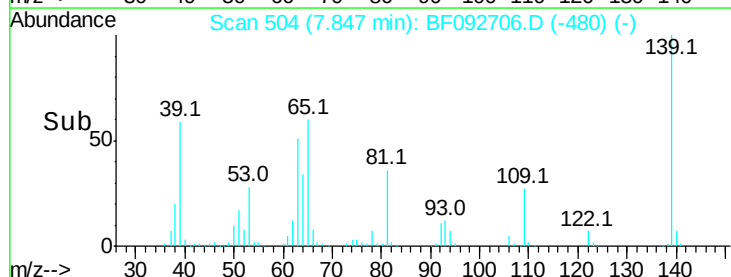
65 60.1 42.7 64.1

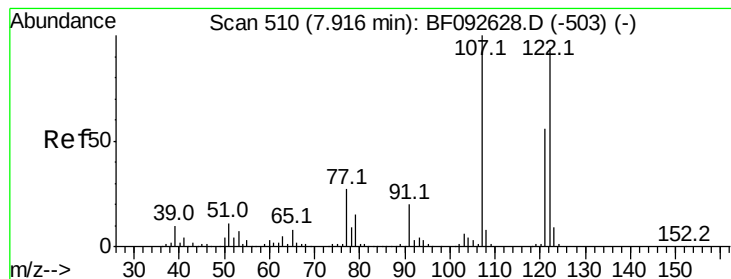


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 42.60 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

Instrument :

BNA_F

ClientSampleId :

PB96625BS

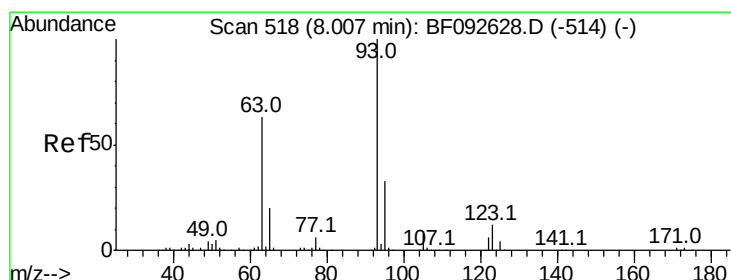
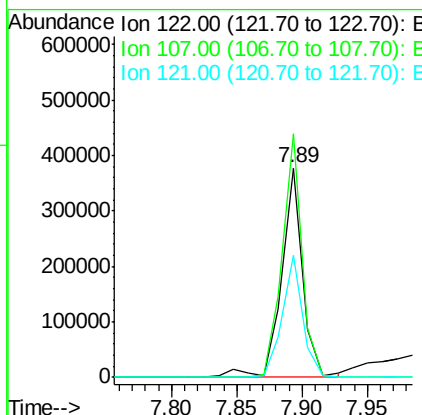
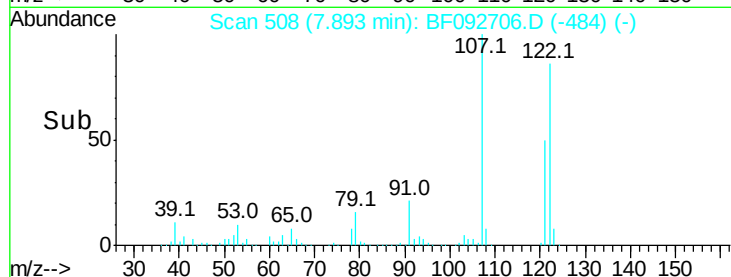
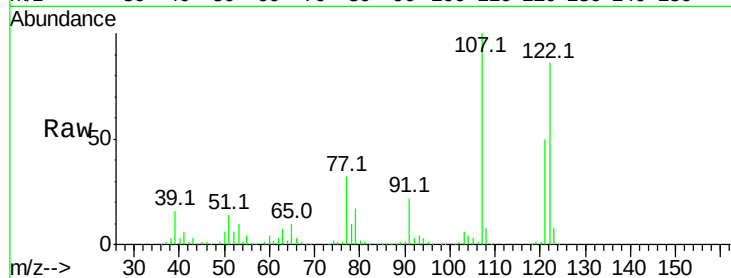
Tot Ion:122 Resp: 429160

Ion Ratio Lower Upper

122 100

107 116.5 94.1 141.1

121 58.3 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 41.81 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

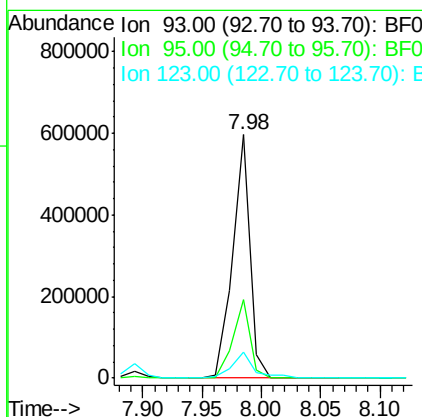
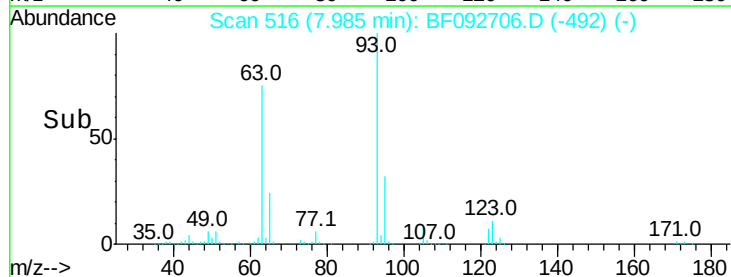
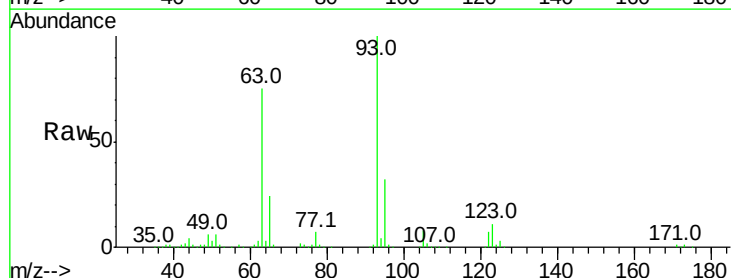
Tgt Ion: 93 Resp: 606446

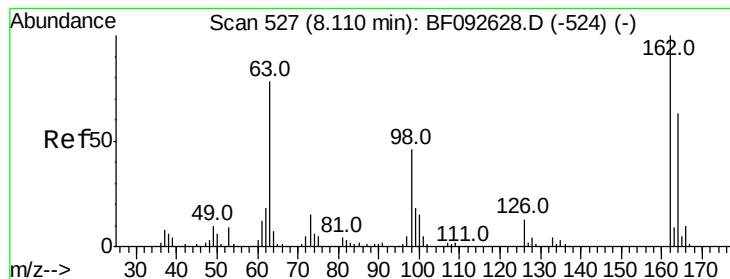
Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

123 10.6 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 43.26 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

Instrument :

BNA_F

ClientSampleId :

PB96625BS

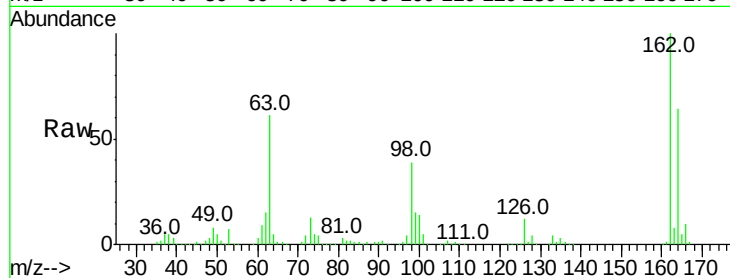
Tot Ion:162 Resp: 406428

Ion Ratio Lower Upper

162 100

164 63.8 46.8 86.8

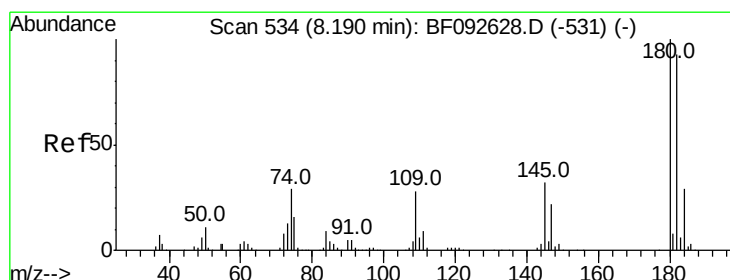
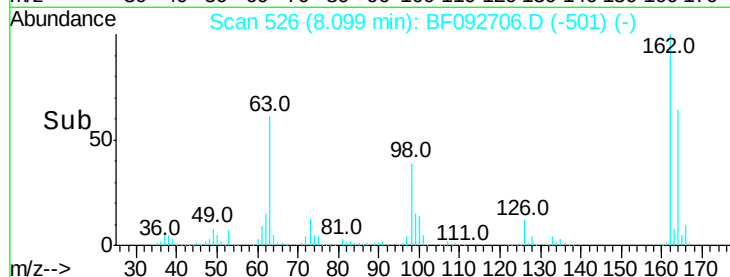
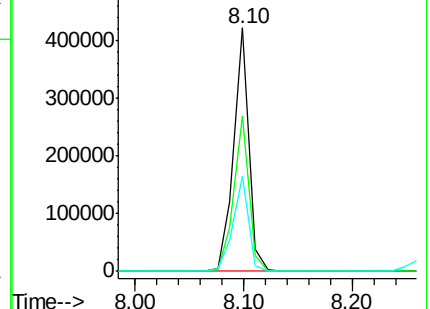
98 39.1 9.1 49.1



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: 41.62 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

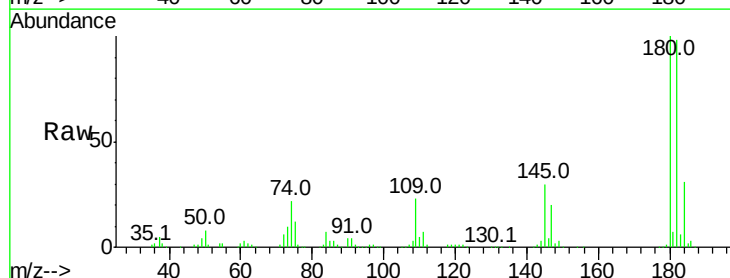
Tgt Ion:180 Resp: 421432

Ion Ratio Lower Upper

180 100

182 97.6 78.2 117.4

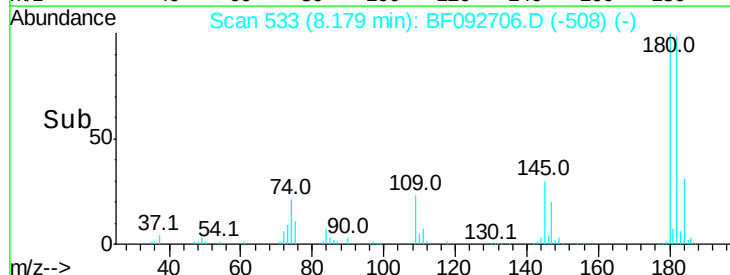
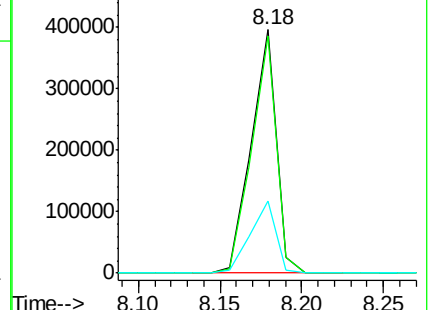
145 29.6 21.6 32.4

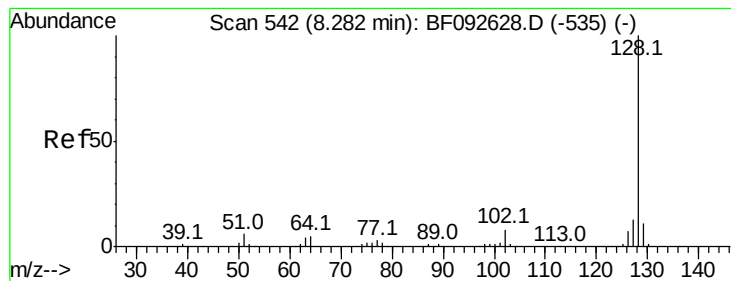


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.11 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.02 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

Instrument :

BNA_F

ClientSampleId :

PB96625BS

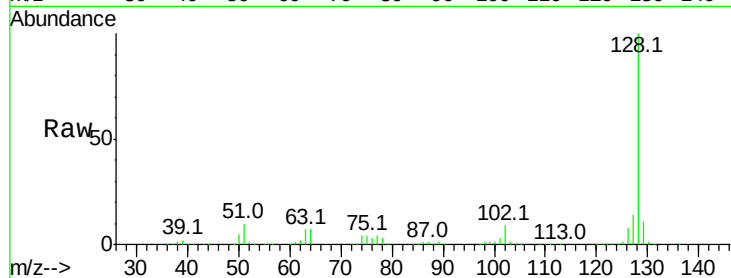
Tot Ion:128 Resp: 1297645

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

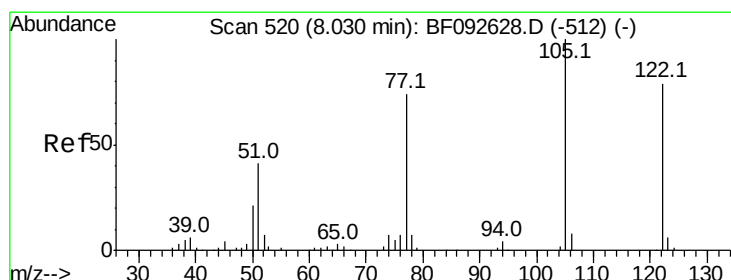
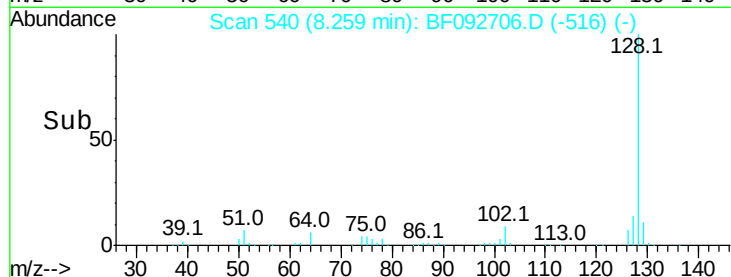
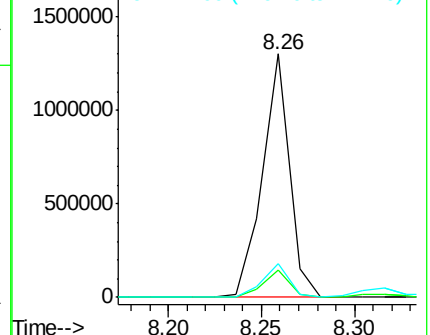
127 13.7 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 44.76 ng

RT: 8.02 min Scan# 519

Delta R.T. -0.01 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

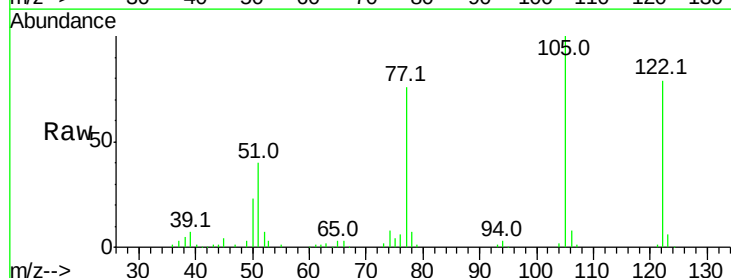
Tgt Ion:122 Resp: 252272

Ion Ratio Lower Upper

122 100

105 127.4 107.2 147.2

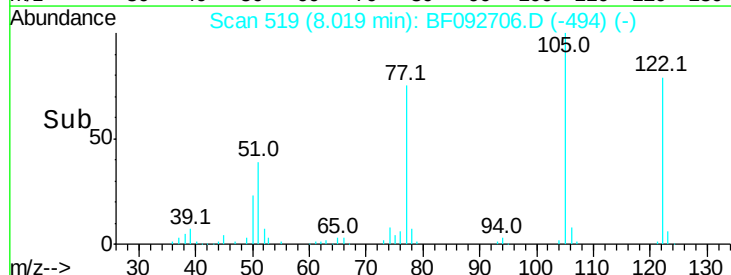
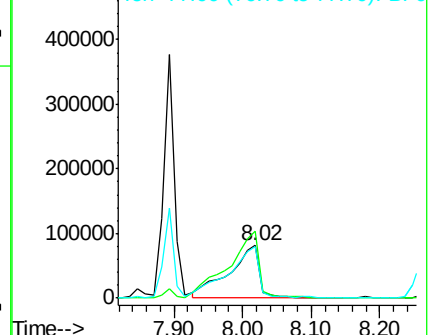
77 96.9 74.5 114.5

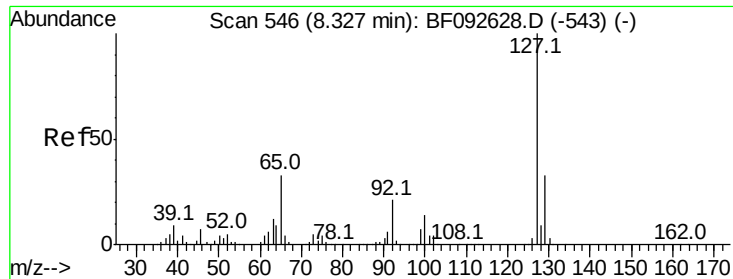


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

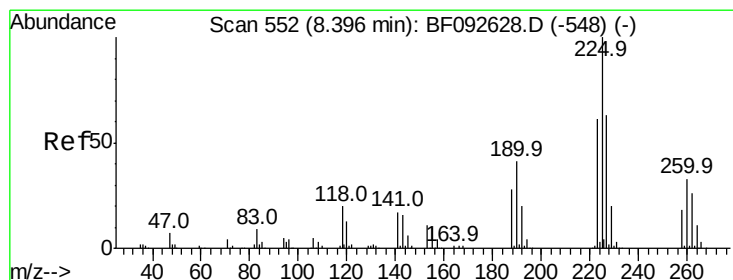
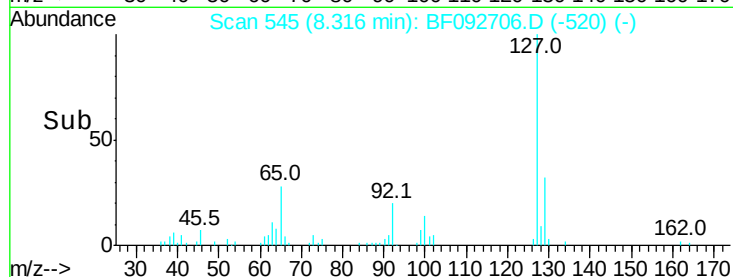
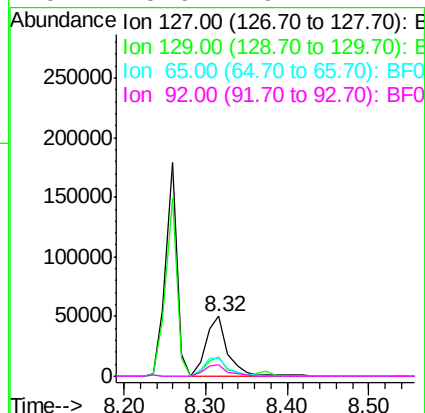
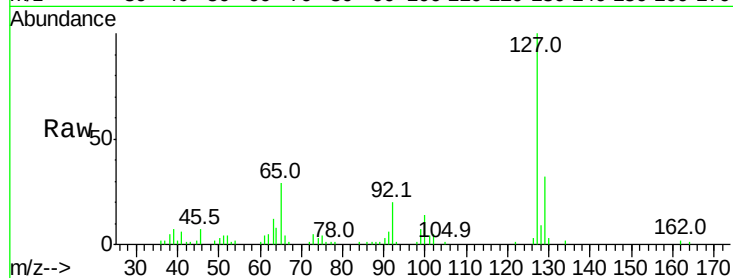




#33
4-Chloroaniline
Concen: 7.23 ng
RT: 8.32 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF092706.D
Acq: 1 Feb 2017 16:08

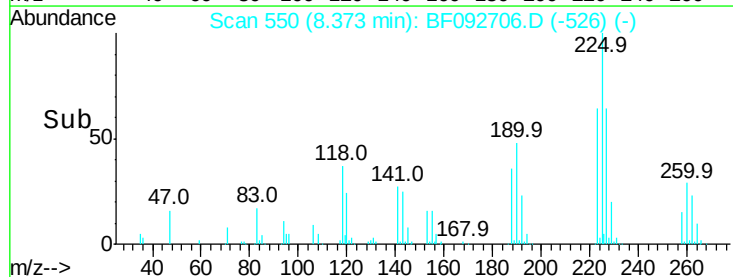
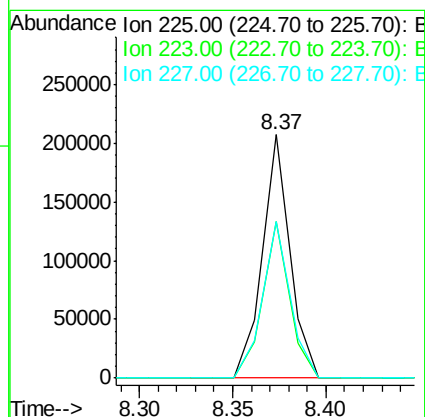
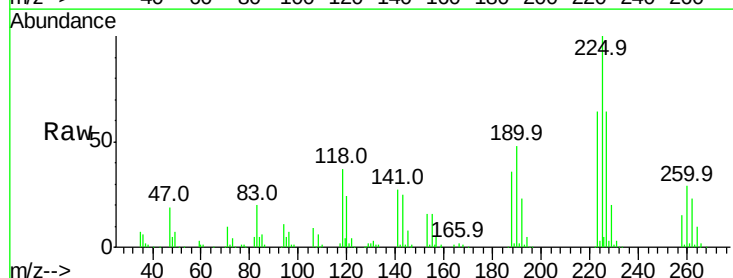
Instrument :
BNA_F
ClientSampleId :
PB96625BS

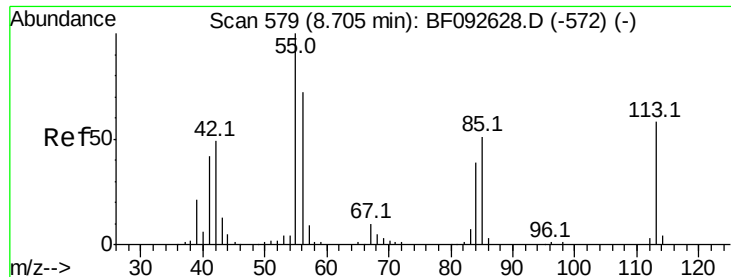
Tot Ion:	127	Resp:	94122
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.3	39.5
65	29.1	25.8	38.8
92	19.6	16.1	24.1



#34
Hexachlorobutadiene
Concen: 37.87 ng
RT: 8.37 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF092706.D
Acq: 1 Feb 2017 16:08

Tgt Ion:	225	Resp:	210969
Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.0	76.6
227	64.3	50.6	76.0





#35

Caprolactam

Concen: 47.03 ng/mL

RT: 8.68 min Scan# 577

Delta R.T. -0.02 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

Instrument :

BNA_F

ClientSampleID :

PB96625BS

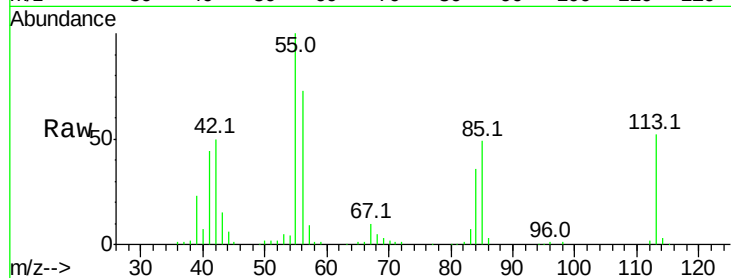
Tot Ion:113 Resp: 138985

Ion Ratio Lower Upper

113 100

55 193.8 119.2 159.2#

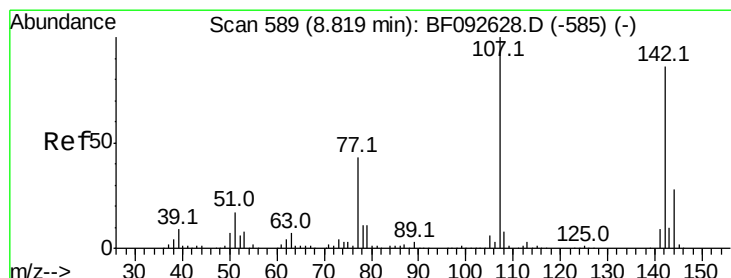
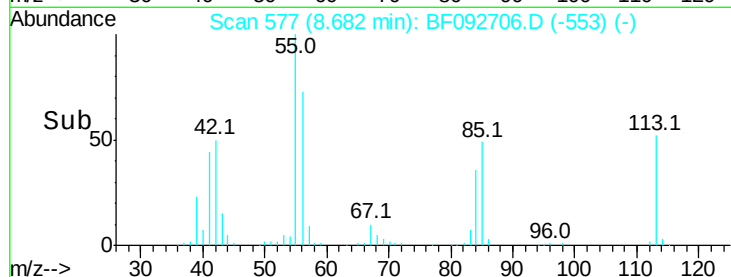
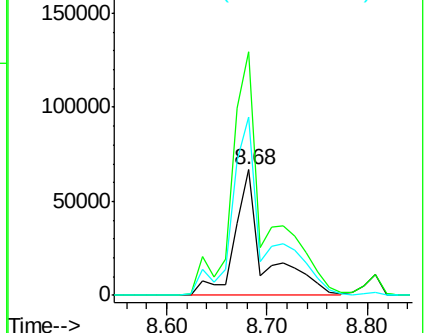
56 141.9 83.8 123.8#



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: 46.54 ng/mL

RT: 8.81 min Scan# 588

Delta R.T. -0.01 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

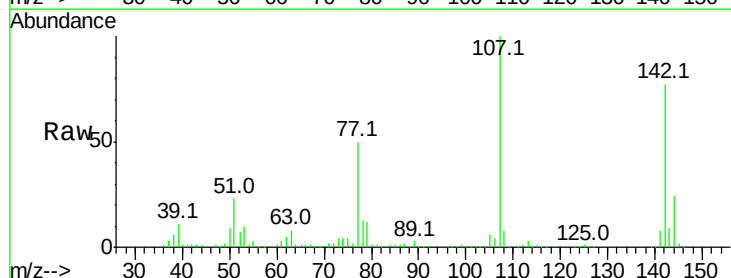
Tgt Ion:107 Resp: 455856

Ion Ratio Lower Upper

107 100

144 24.3 19.3 28.9

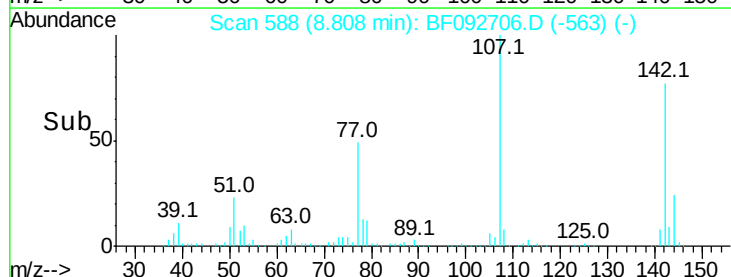
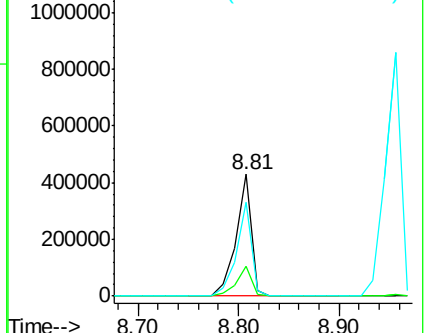
142 77.2 59.0 88.6

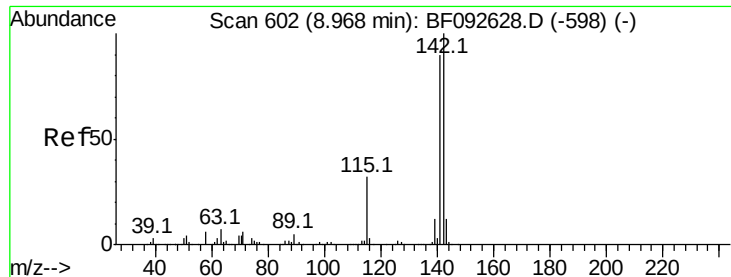


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.60 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

Instrument :

BNA_F

ClientSampleId :

PB96625BS

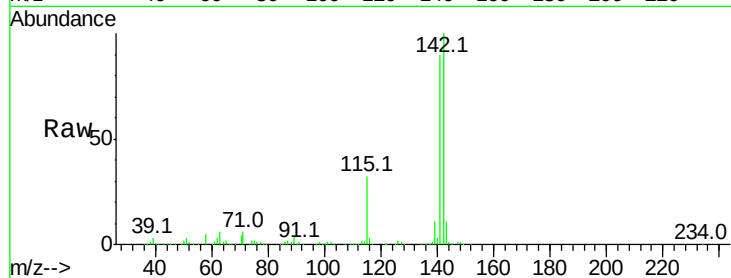
Tot Ion:142 Resp: 928822

Ion Ratio Lower Upper

142 100

141 89.8 71.0 106.6

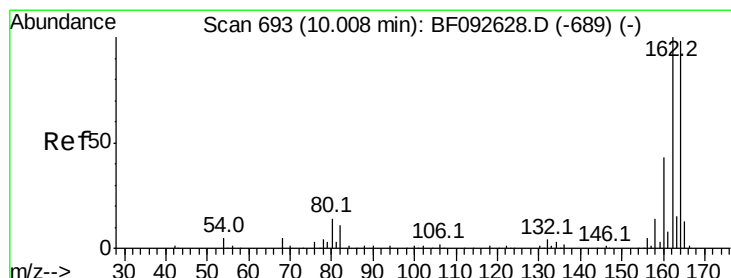
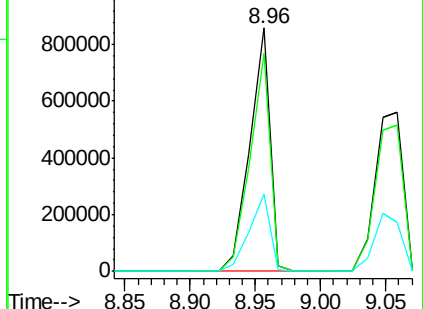
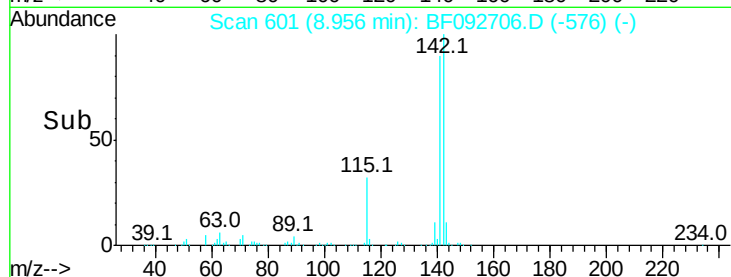
115 31.6 28.3 42.5



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: BF092706.D

Acq: 1 Feb 2017 16:08

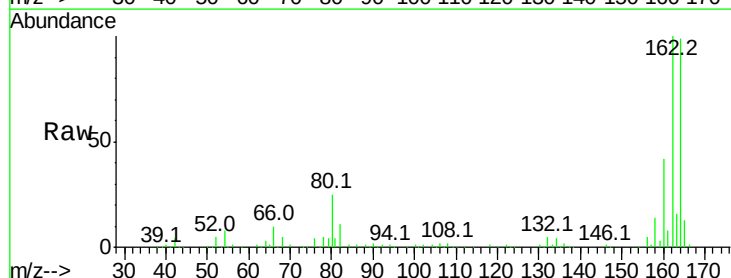
Tgt Ion:164 Resp: 323988

Ion Ratio Lower Upper

164 100

162 101.0 80.2 120.2

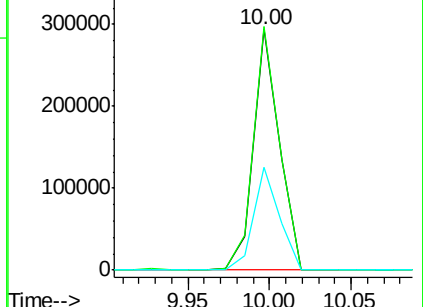
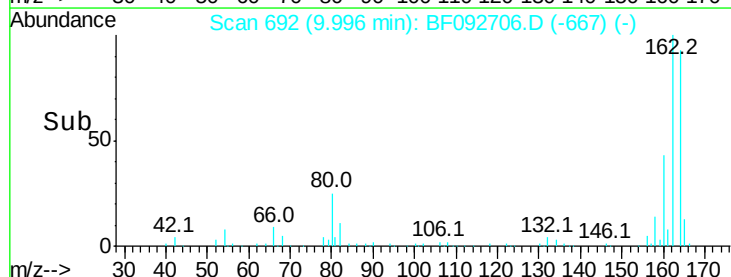
160 42.8 36.9 55.3

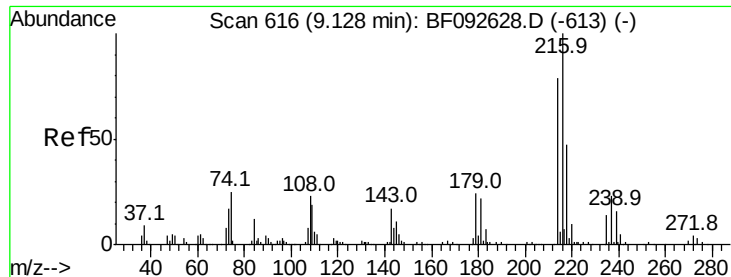


Abundance Ion 164.00 (163.70 to 164.70): E

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: 40.55 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

Instrument :

BNA_F

ClientSampleId :

PB96625BS

Tot Ion:216 Resp: 368814

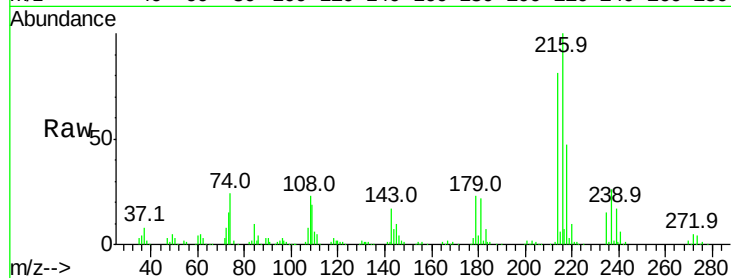
Ion Ratio Lower Upper

216 100

214 79.4 63.4 95.0

179 21.2 17.4 26.2

108 21.6 15.6 23.4

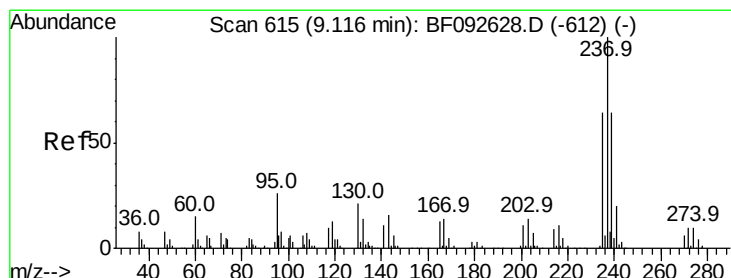
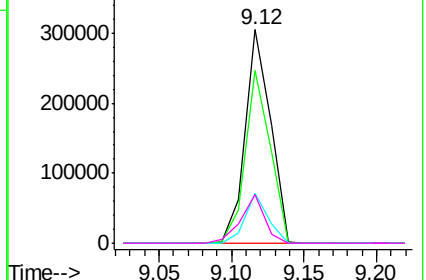
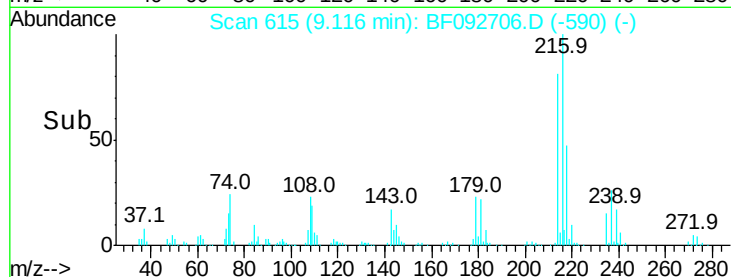


Abundance Ion 216.00 (215.70 to 216.70): E

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: 88.22 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

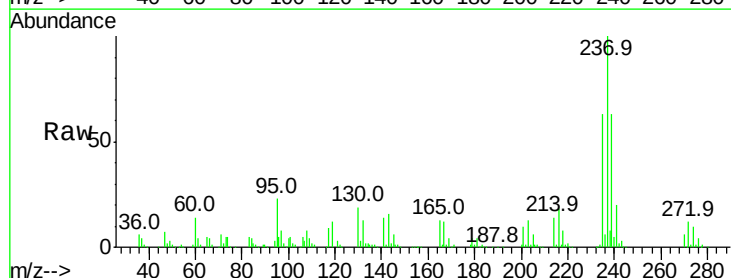
Tgt Ion:237 Resp: 361992

Ion Ratio Lower Upper

237 100

235 63.0 41.2 81.2

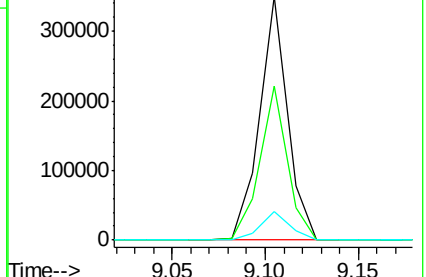
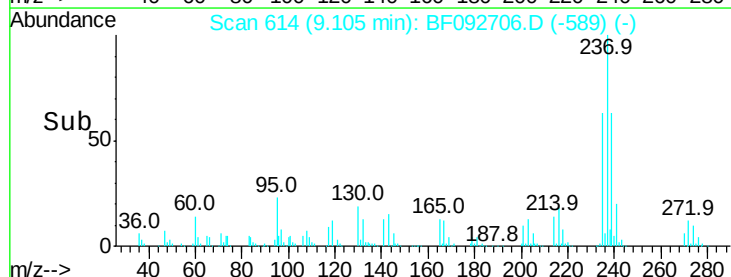
272 11.9 0.0 35.4

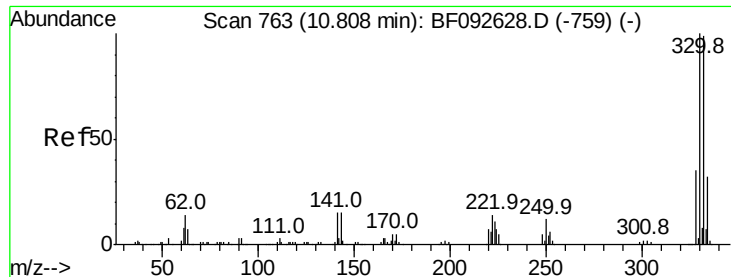


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

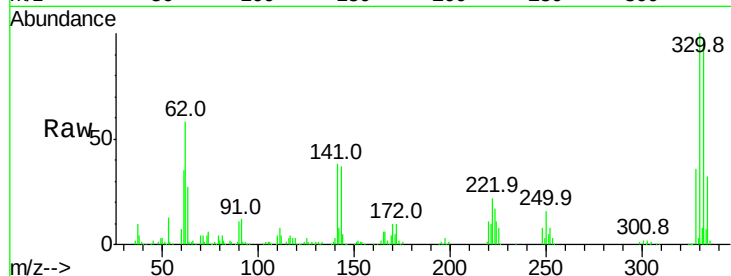




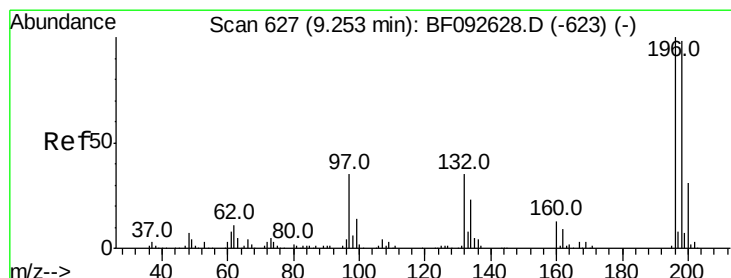
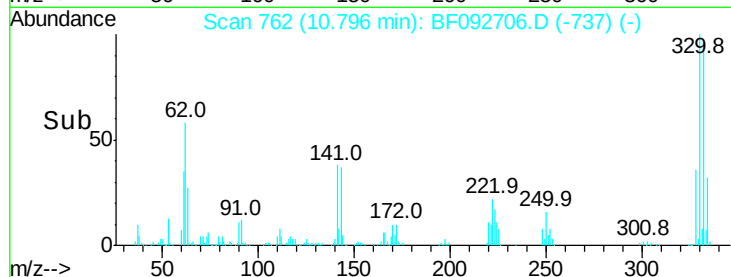
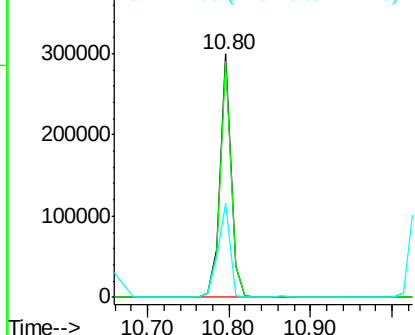
#41
 2,4,6-Tribromophenol
 Concen: 119.88 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092706.D
 Acq: 1 Feb 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB96625BS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.4	116.2
141	42.4	34.1	51.1

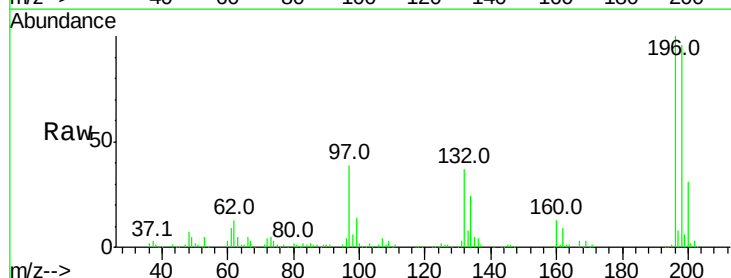


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

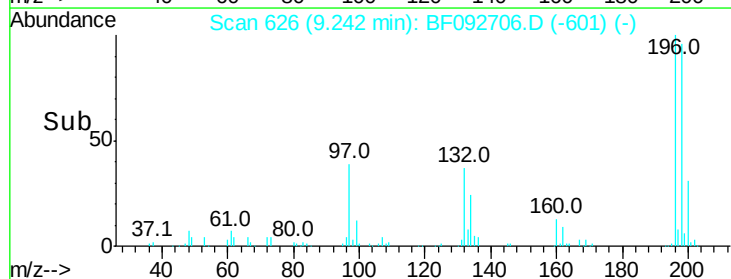
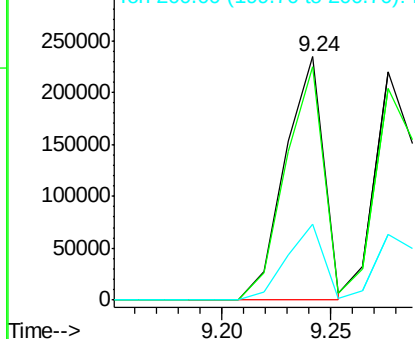


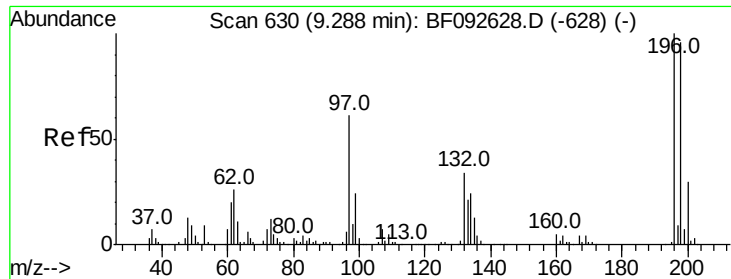
#42
 2,4,6-Trichlorophenol
 Concen: 48.48 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF092706.D
 Acq: 1 Feb 2017 16:08

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	82.1	123.1
200	31.3	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

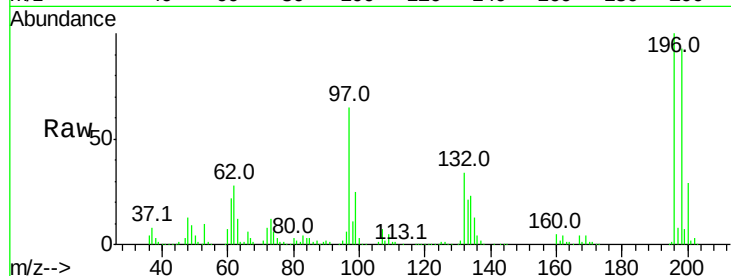




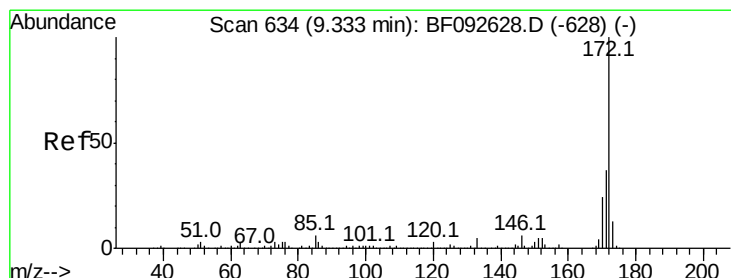
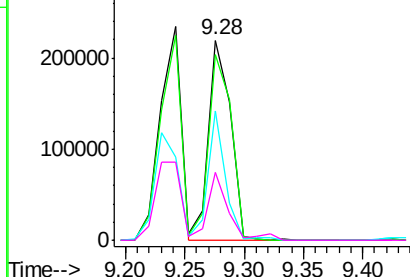
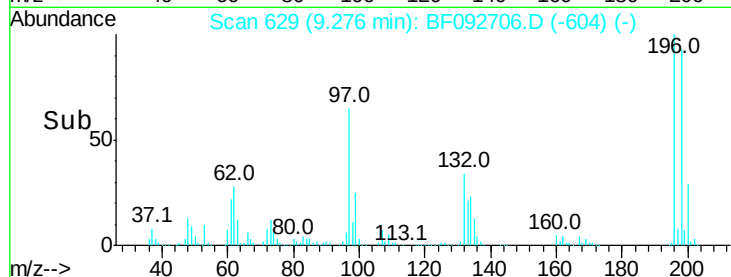
#43
 2,4,5-Trichlorophenol
 Concen: 43.00 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF092706.D
 Acq: 1 Feb 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB96625BS

Tot Ion:196 Resp: 281566
 Ion Ratio Lower Upper
 196 100
 198 92.5 79.4 119.2
 97 64.8 51.5 77.3
 132 33.7 27.4 41.2

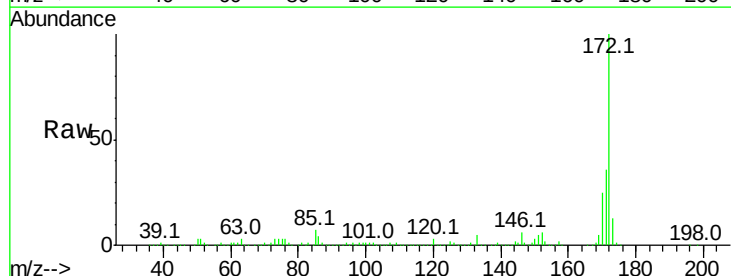


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

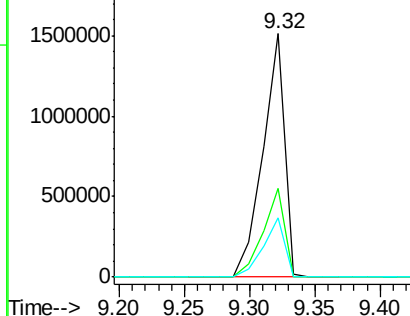
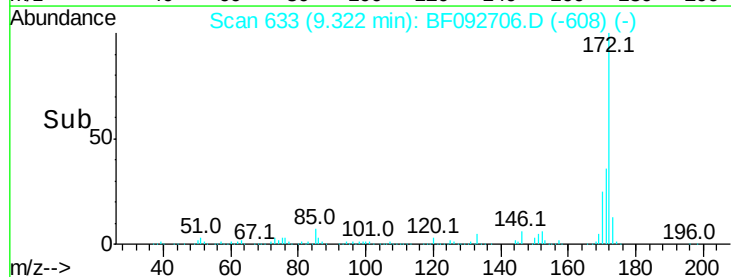


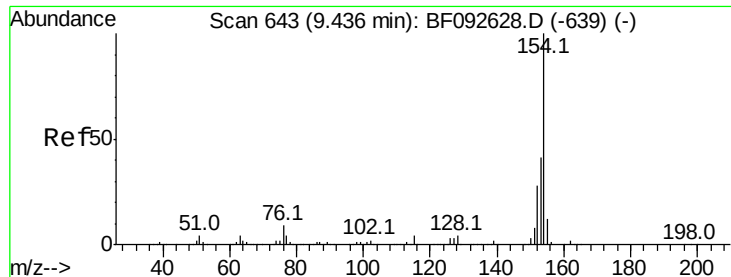
#44
 2-Fluorobiphenyl
 Concen: 98.40 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092706.D
 Acq: 1 Feb 2017 16:08

Tgt Ion:172 Resp: 1759662
 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: 44.81 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

Instrument :

BNA_F

ClientSampleId :

PB96625BS

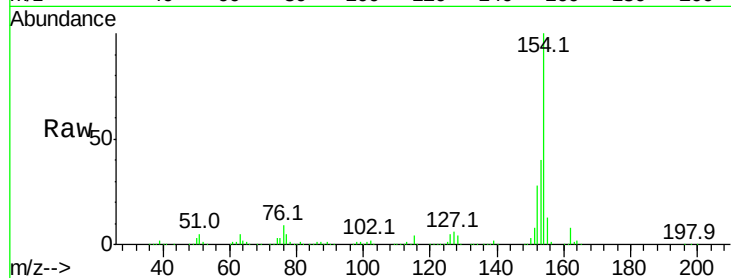
Tot Ion:154 Resp: 1051165

Ion Ratio Lower Upper

154 100

153 40.0 20.9 60.9

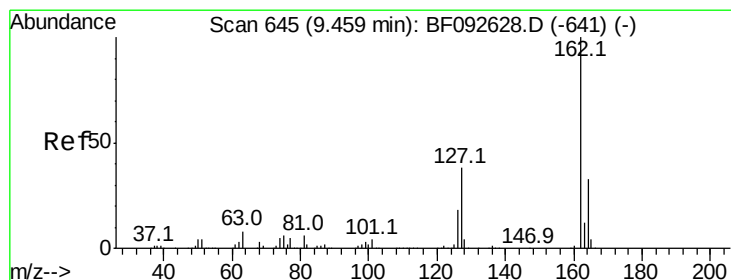
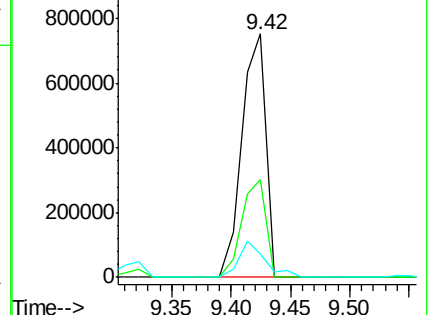
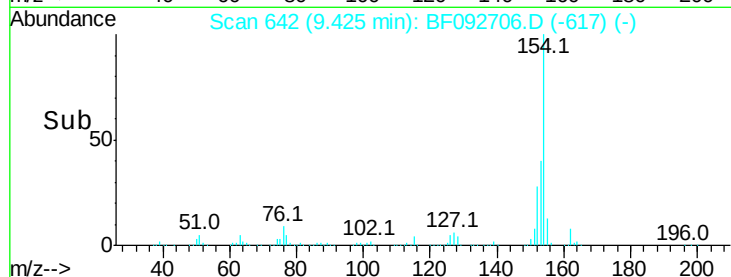
76 9.4 0.0 30.5



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: 47.62 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

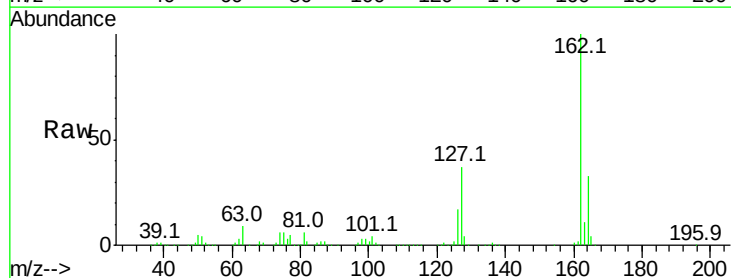
Tgt Ion:162 Resp: 873860

Ion Ratio Lower Upper

162 100

127 36.9 30.7 46.1

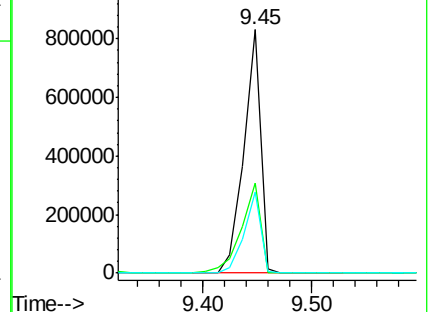
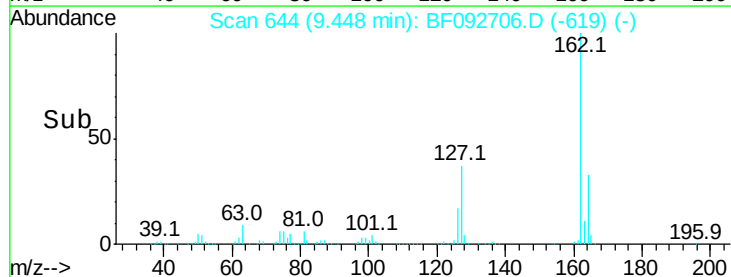
164 33.1 27.6 41.4

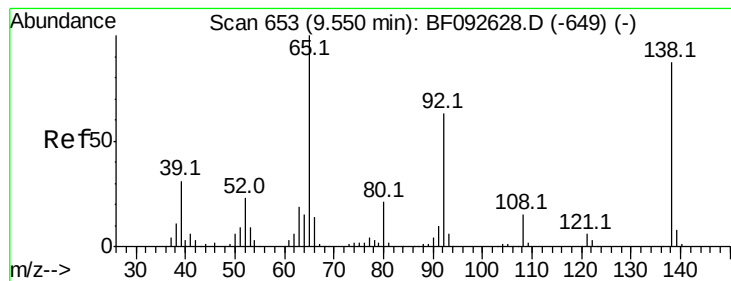


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

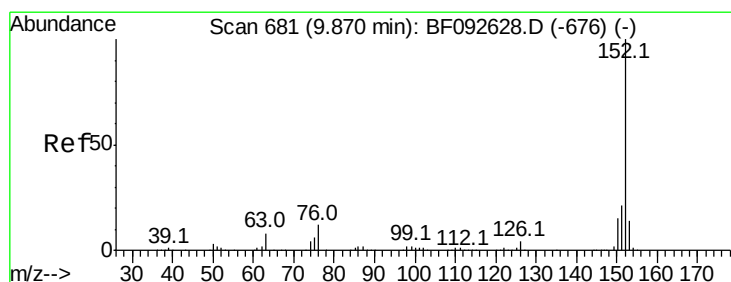
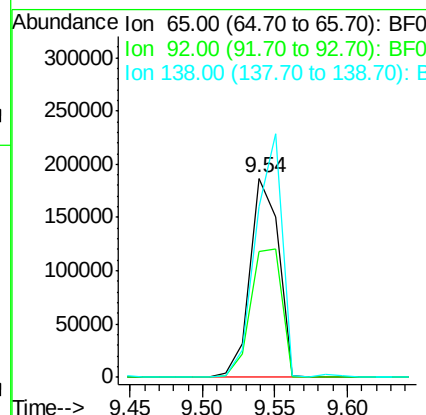
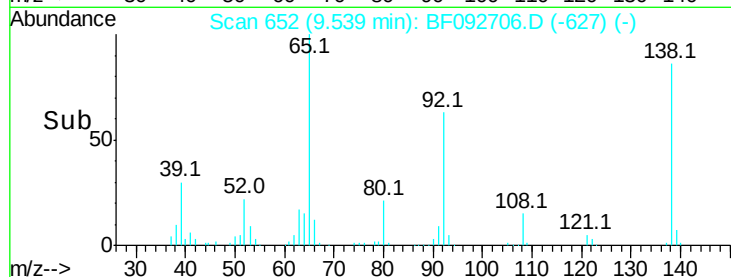
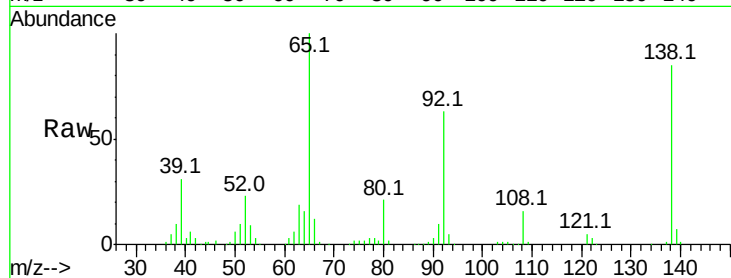




#47
 2-Nitroaniline
 Concen: 41.61 ng
 RT: 9.54 min Scan# 652
 Delta R.T. -0.01 min
 Lab File: BF092706.D
 Acq: 1 Feb 2017 16:08

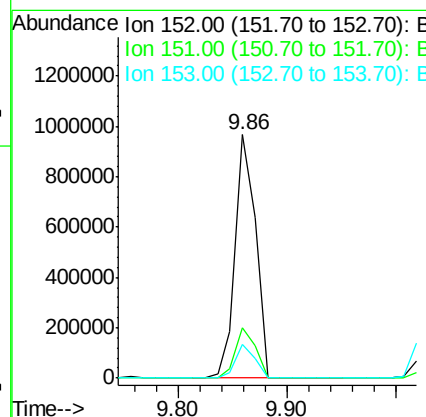
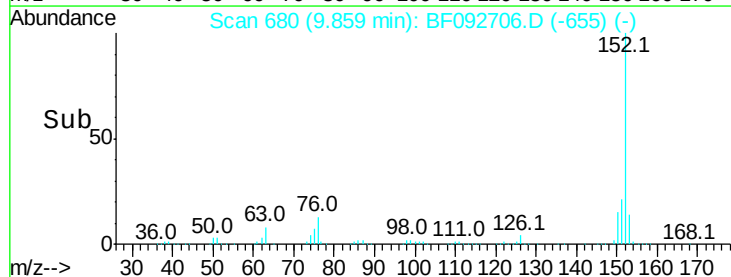
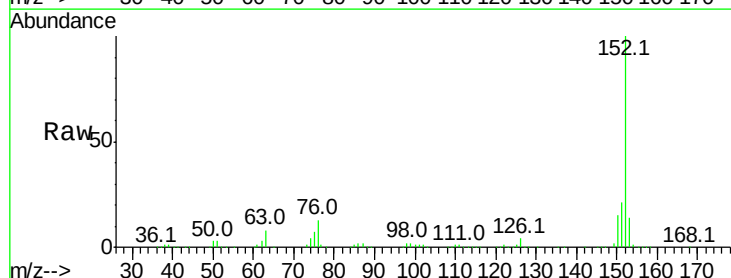
Instrument :
 BNA_F
 ClientSampleId :
 PB96625BS

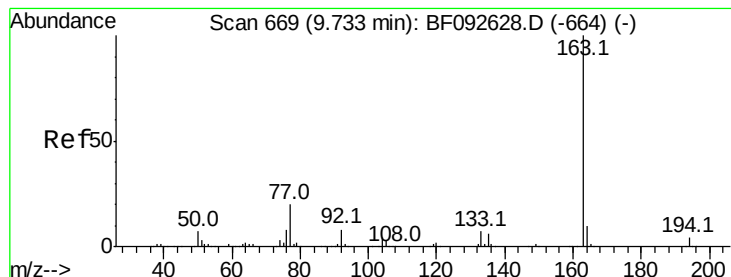
Tot Ion: 65 Resp: 256745
 Ion Ratio Lower Upper
 65 100
 92 63.0 53.9 80.9
 138 85.5 76.8 115.2



#48
 Acenaphthylene
 Concen: 39.12 ng
 RT: 9.86 min Scan# 680
 Delta R.T. -0.01 min
 Lab File: BF092706.D
 Acq: 1 Feb 2017 16:08

Tgt Ion: 152 Resp: 1240230
 Ion Ratio Lower Upper
 152 100
 151 20.5 16.9 25.3
 153 13.7 11.4 17.2





#49

Dimethylphthalate

Concen: 40.78 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

Instrument :

BNA_F

ClientSampleID :

PB96625BS

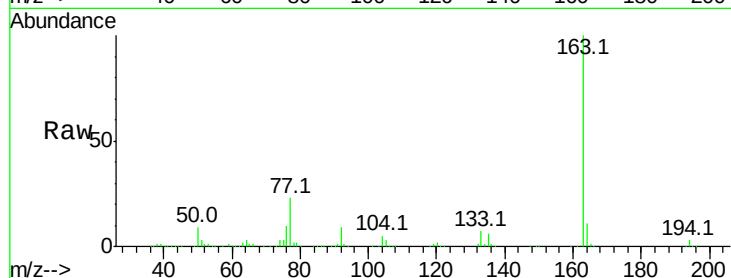
Tot Ion:163 Resp: 889939

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

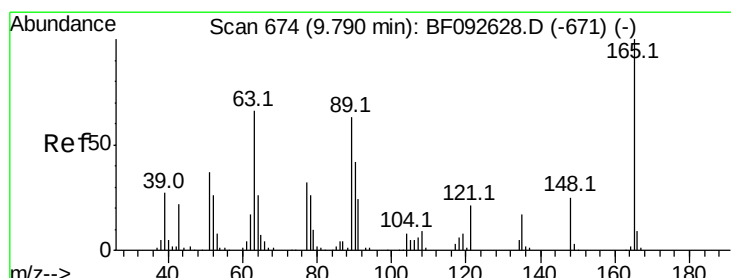
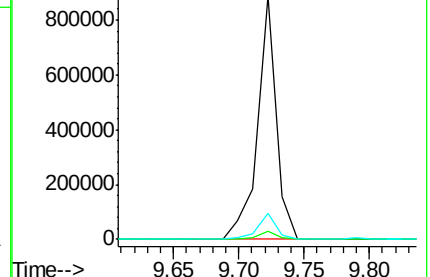
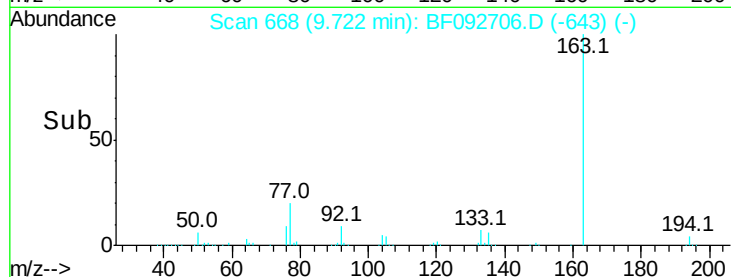
164 10.7 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 47.16 ng

RT: 9.79 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

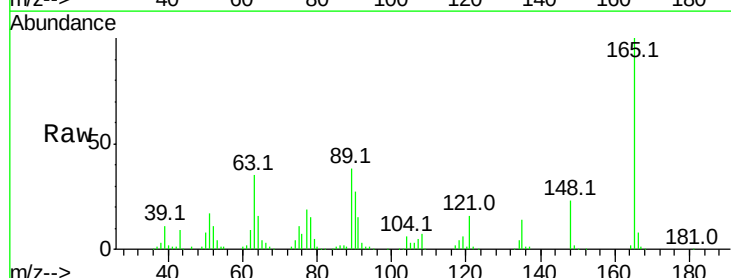
Tgt Ion:165 Resp: 222260

Ion Ratio Lower Upper

165 100

63 34.7 36.2 54.4#

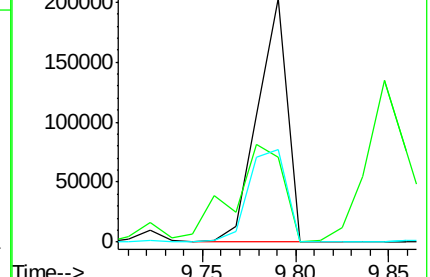
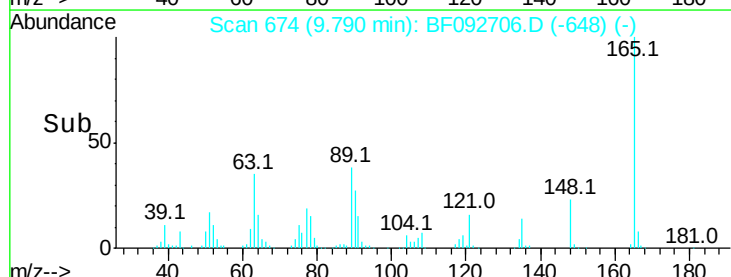
89 37.9 40.2 60.4#

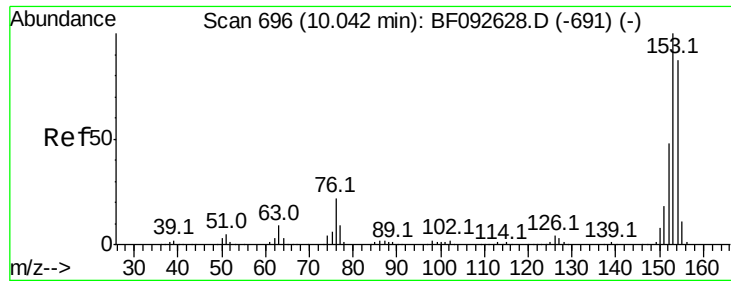


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.41 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

Instrument :

BNA_F

ClientSampleId :

PB96625BS

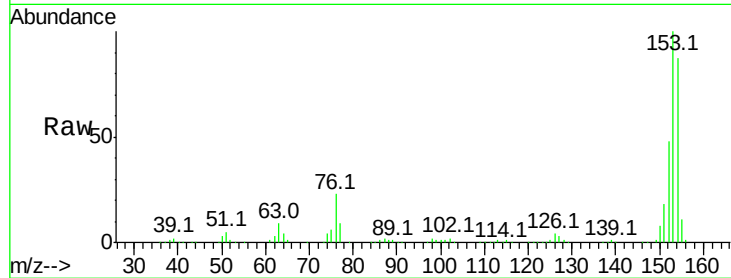
Tot Ion:154 Resp: 822871

Ion Ratio Lower Upper

154 100

153 115.5 88.6 133.0

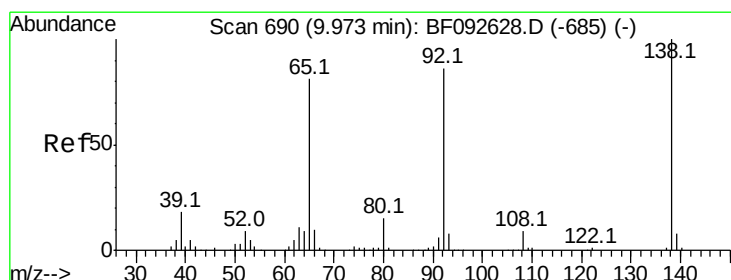
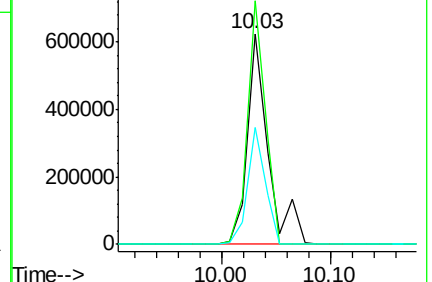
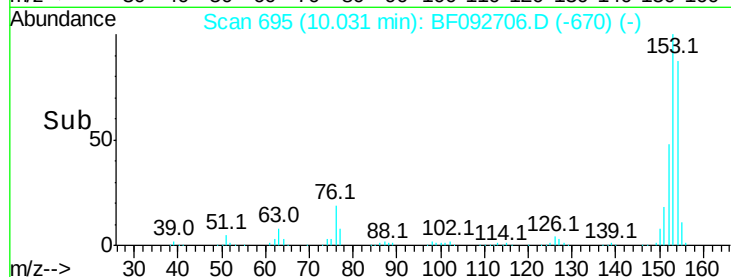
152 55.6 41.6 62.4



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: 15.12 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

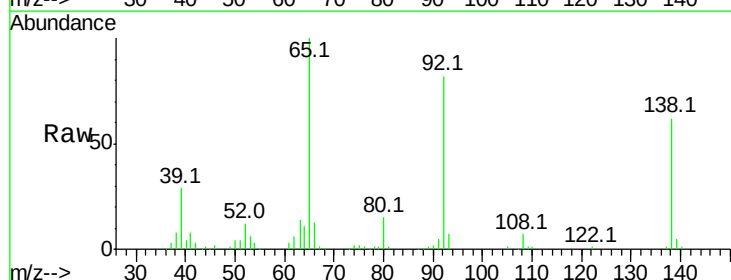
Tgt Ion:138 Resp: 81550

Ion Ratio Lower Upper

138 100

108 11.1 8.5 12.7

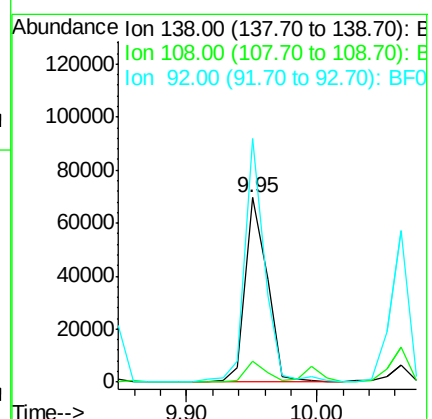
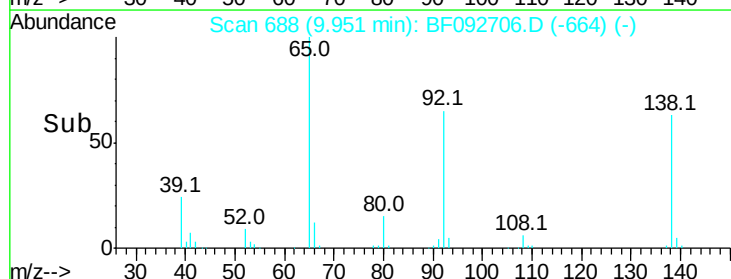
92 132.1 97.8 146.8

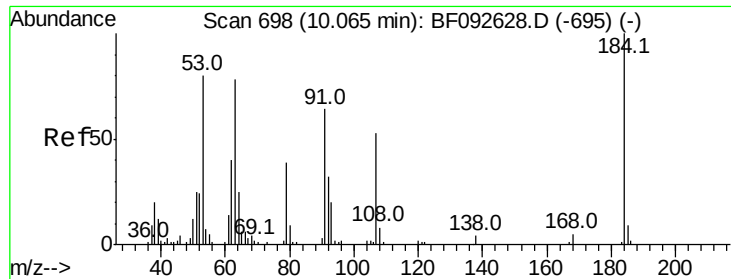


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 86.45 ng

RT: 10.06 min Scan# 698

Delta R.T. 0.00 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

Instrument :

BNA_F

ClientSampleId :

PB96625BS

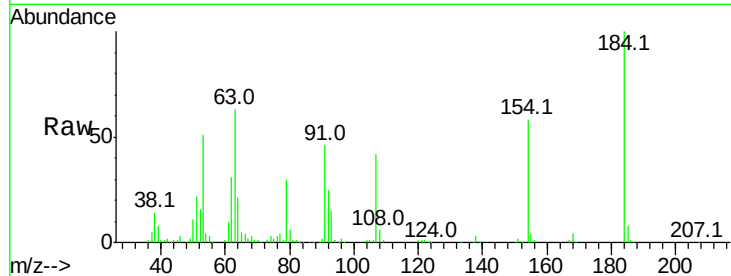
Tot Ion:184 Resp: 208230

Ion Ratio Lower Upper

184 100

63 62.9 28.4 42.6#

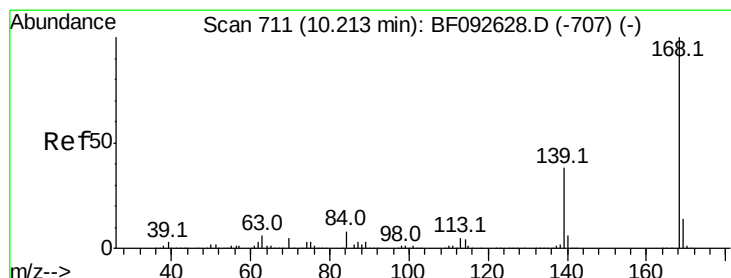
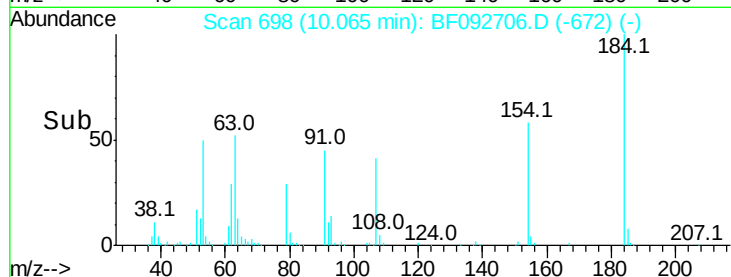
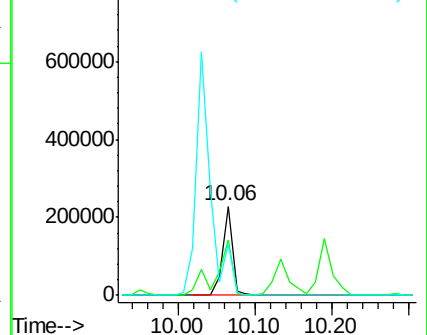
154 58.0 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 44.43 ng

RT: 10.21 min Scan# 711

Delta R.T. 0.00 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

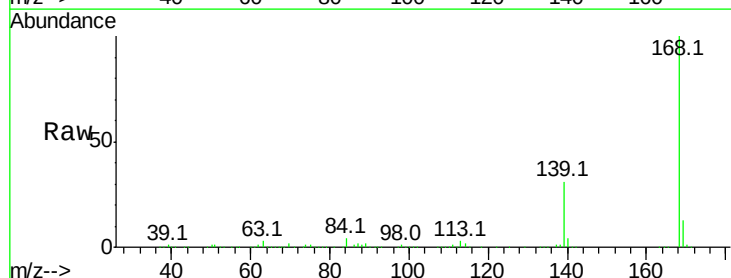
Tgt Ion:168 Resp: 1126527

Ion Ratio Lower Upper

168 100

139 31.3 32.6 49.0#

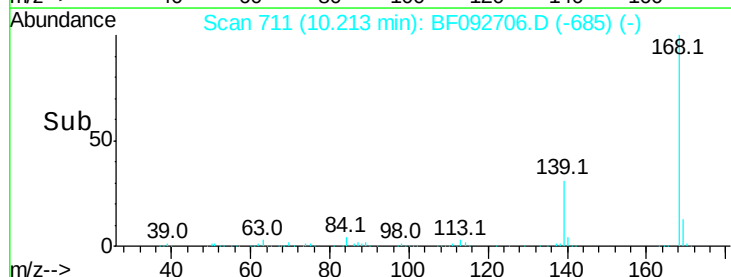
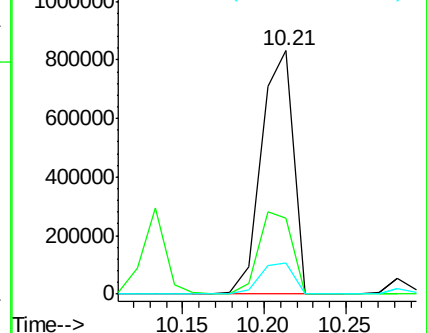
169 12.8 11.3 16.9

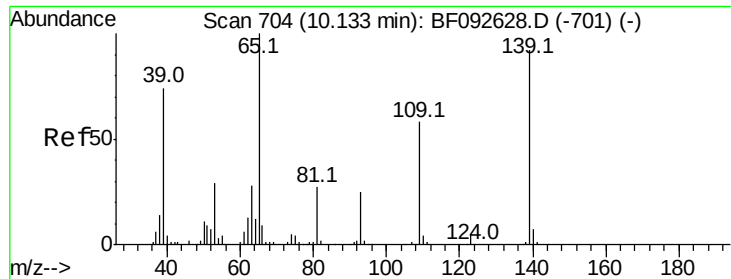


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

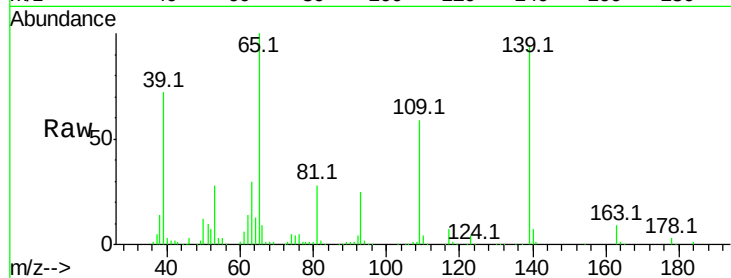




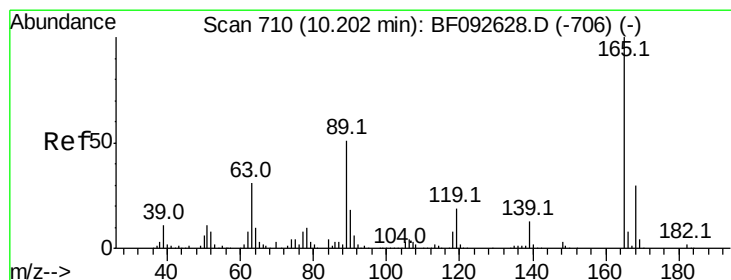
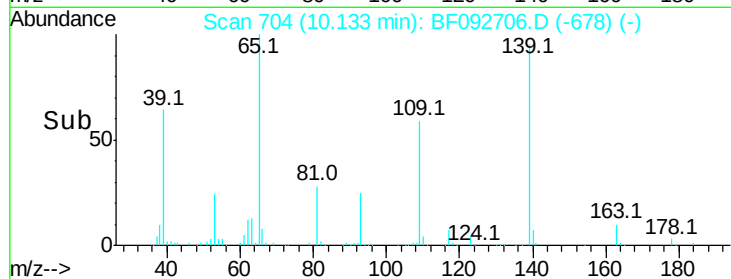
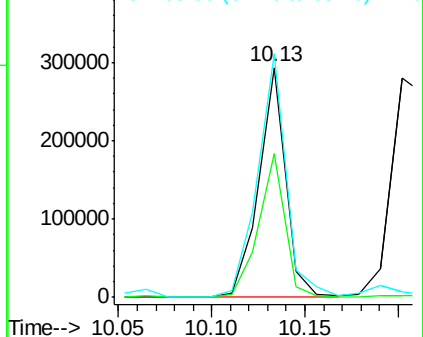
#55
4-Nitrophenol
Concen: 75.08 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF092706.D
Acq: 1 Feb 2017 16:08

Instrument :
BNA_F
ClientSampleId :
PB96625BS

Tot Ion:139 Resp: 291655
Ion Ratio Lower Upper
139 100
109 62.5 52.2 92.2
65 106.0 85.8 125.8

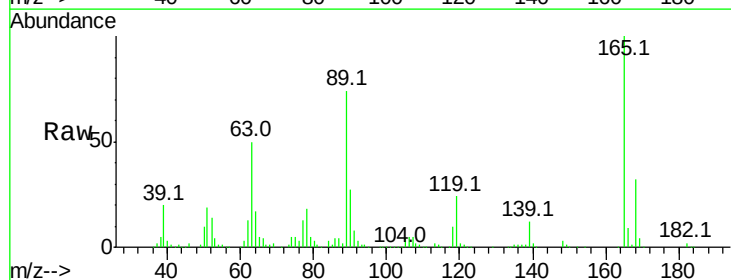


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

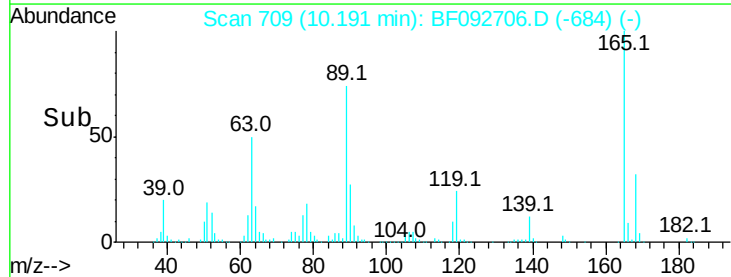
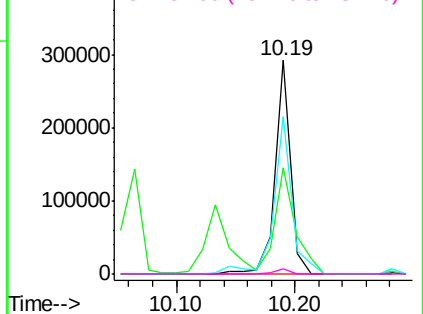


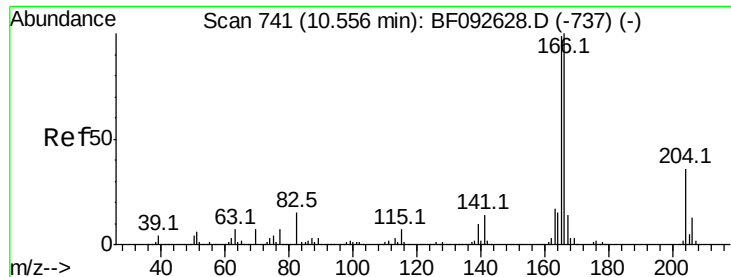
#56
2,4-Dinitrotoluene
Concen: 41.80 ng
RT: 10.19 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF092706.D
Acq: 1 Feb 2017 16:08

Tgt Ion:165 Resp: 262247
Ion Ratio Lower Upper
165 100
63 49.8 40.2 60.4
89 73.5 62.5 93.7
182 2.2 1.8 2.8



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 42.95 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

Instrument :

BNA_F

ClientSampleId :

PB96625BS

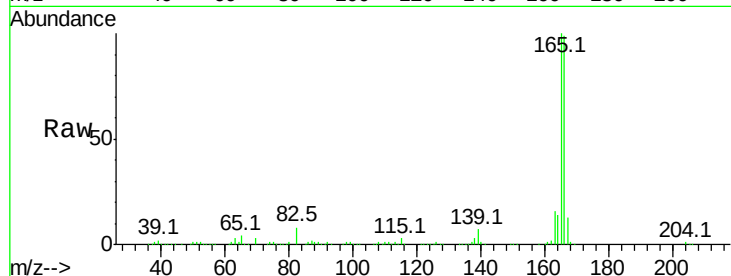
Tot Ion:166 Resp: 837740

Ion Ratio Lower Upper

166 100

165 100.5 77.8 116.8

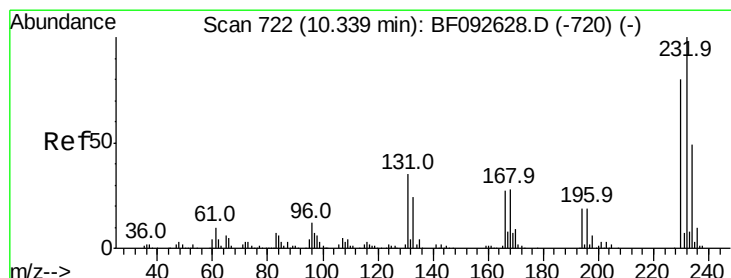
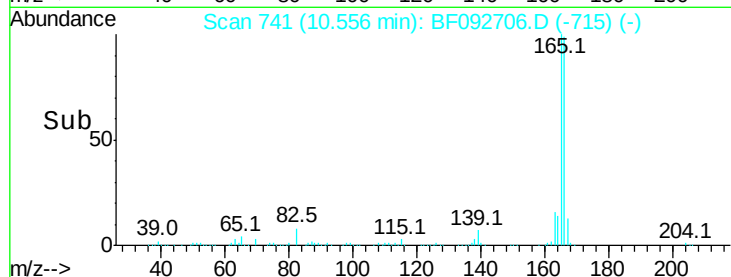
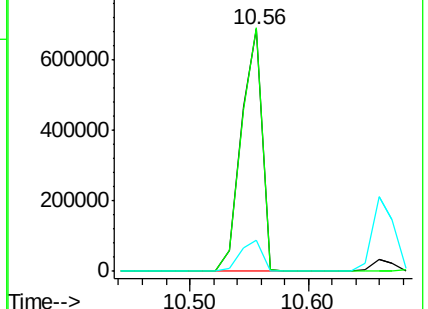
167 12.7 10.8 16.2



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: 47.04 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

Tgt Ion:232 Resp: 205456

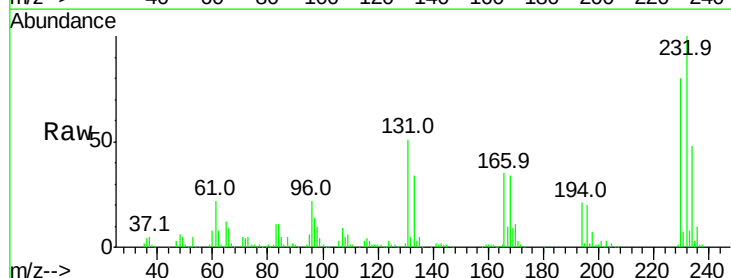
Ion Ratio Lower Upper

232 100

131 49.5 40.1 60.1

130 2.4 1.8 2.8

166 33.3 26.6 39.8

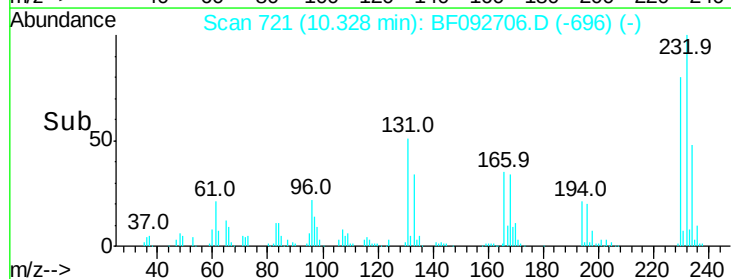
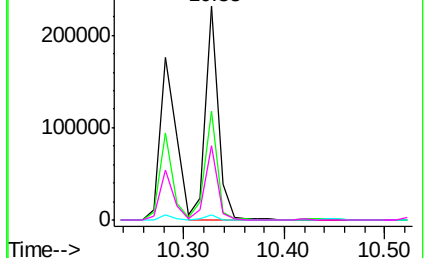


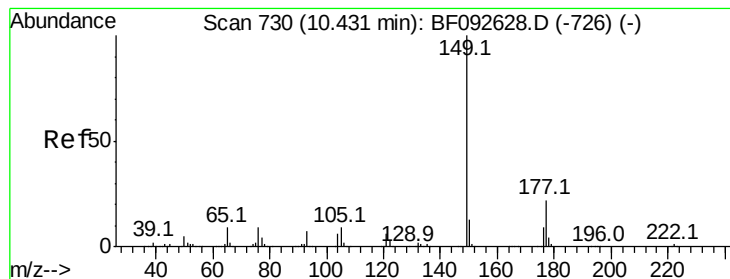
Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.98 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

Instrument :

BNA_F

ClientSampleId :

PB96625BS

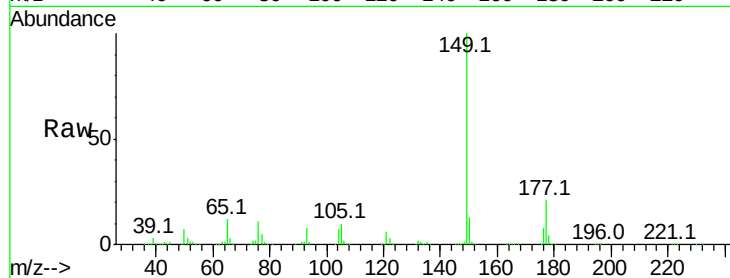
Tot Ion:149 Resp: 904572

Ion Ratio Lower Upper

149 100

177 20.7 16.6 25.0

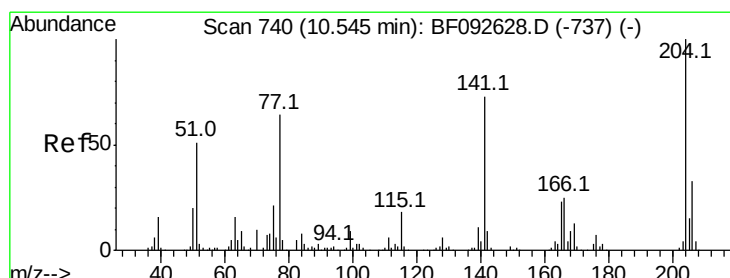
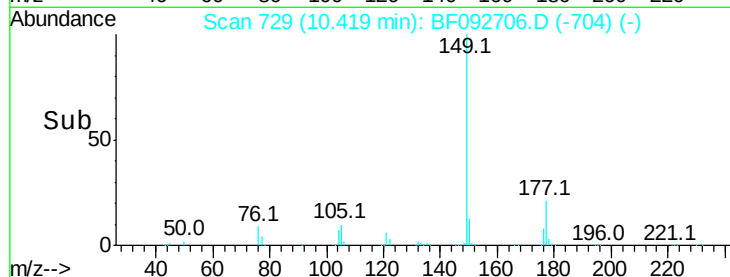
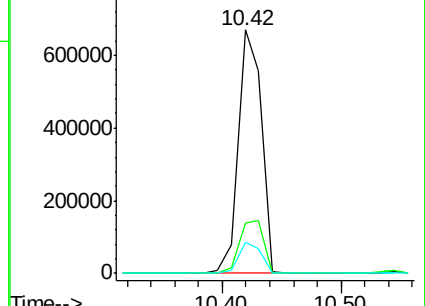
150 12.7 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.64 ng

RT: 10.54 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

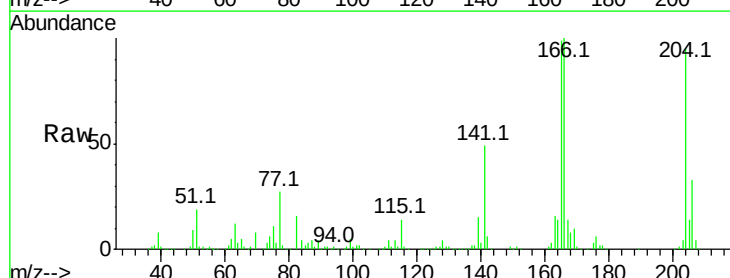
Tgt Ion:204 Resp: 408905

Ion Ratio Lower Upper

204 100

206 35.0 25.8 38.6

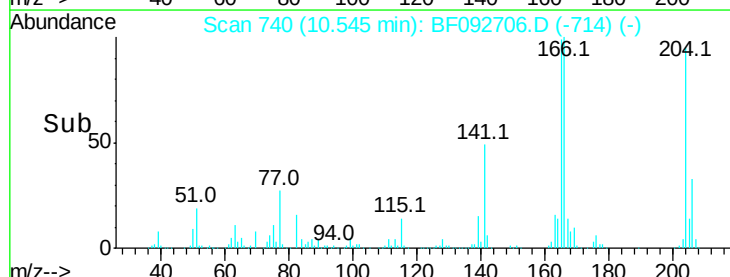
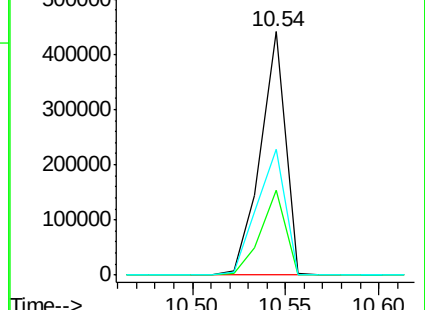
141 51.5 59.4 89.0#

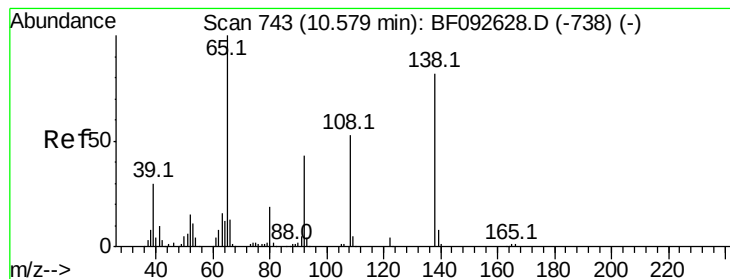


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 42.59 ng

RT: 10.58 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

Instrument :

BNA_F

ClientSampleId :

PB96625BS

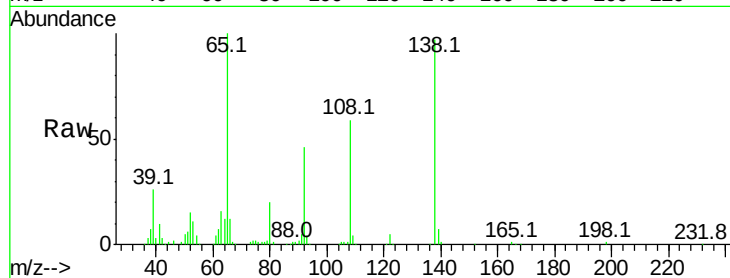
Tot Ion:138 Resp: 235283

Ion Ratio Lower Upper

138 100

92 47.3 31.7 71.7

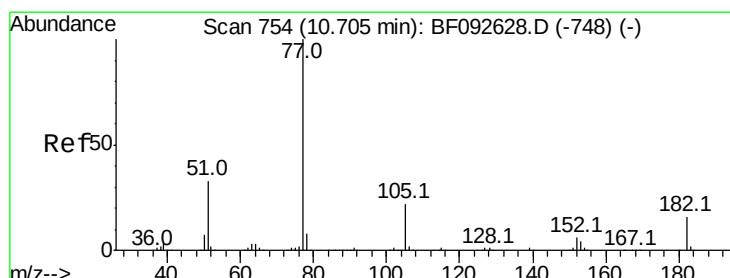
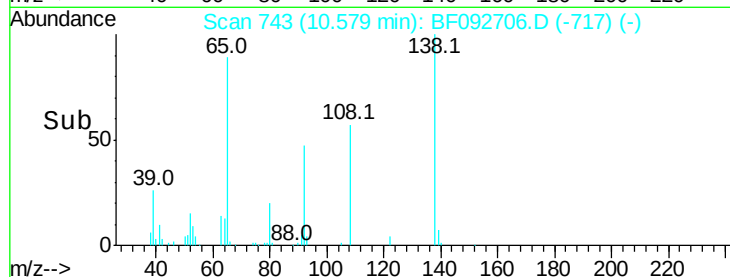
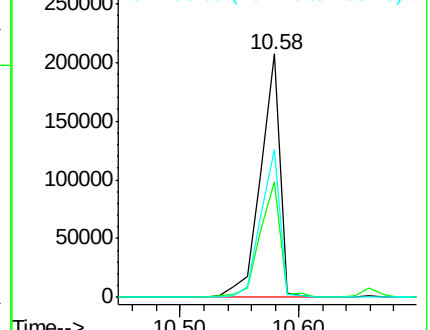
108 60.9 52.6 92.6



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: 48.31 ng

RT: 10.70 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

Tgt Ion: 77 Resp: 1026408

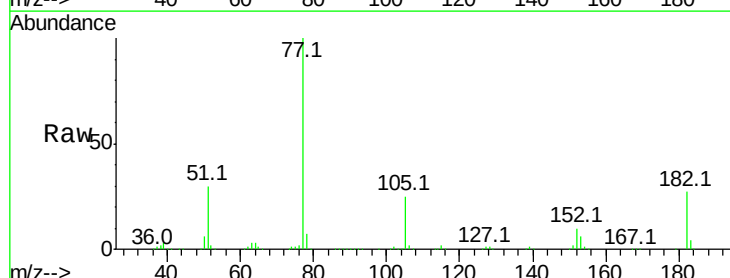
Ion Ratio Lower Upper

77 100

182 27.4 0.0 39.3

105 25.1 2.3 42.3

51 29.8 8.9 48.9

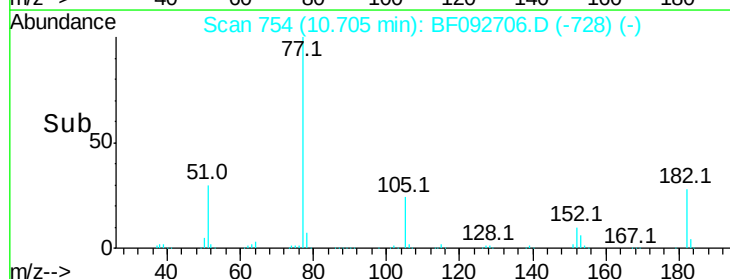
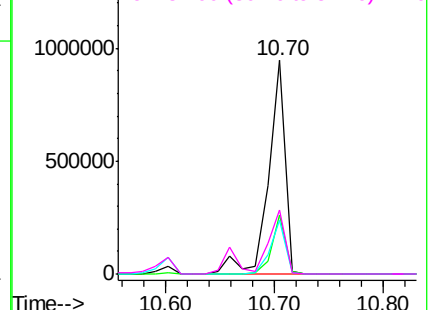


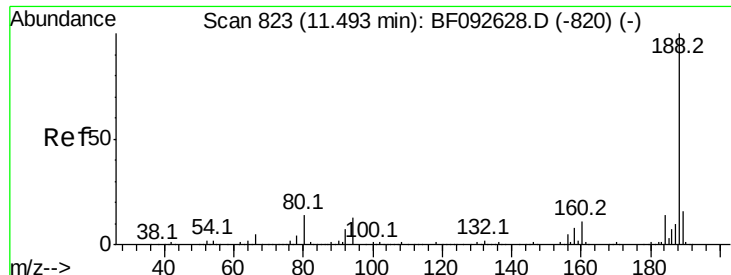
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

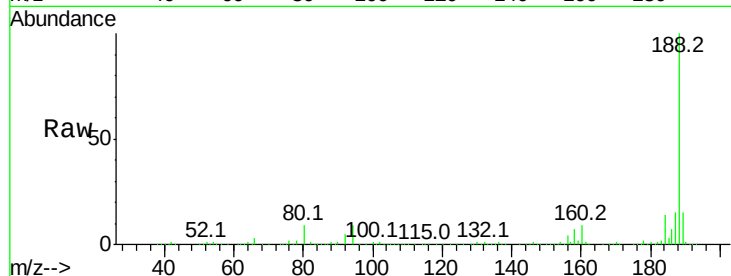




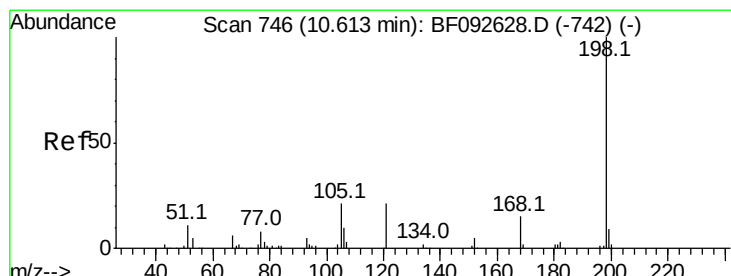
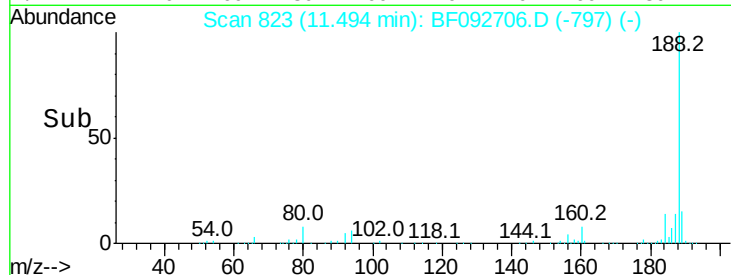
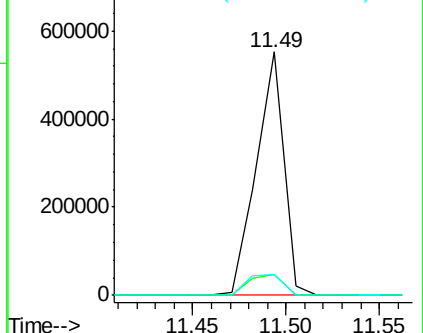
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.49 min Scan# 823
 Delta R.T. 0.00 min
 Lab File: BF092706.D
 Acq: 1 Feb 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB96625BS

Tot Ion:188 Resp: 563749
 Ion Ratio Lower Upper
 188 100
 94 8.6 10.0 15.0#
 80 8.7 11.2 16.8#

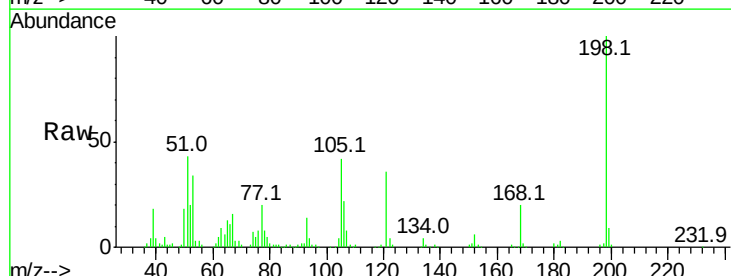


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

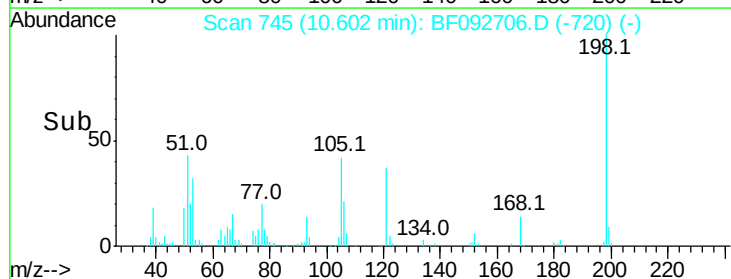
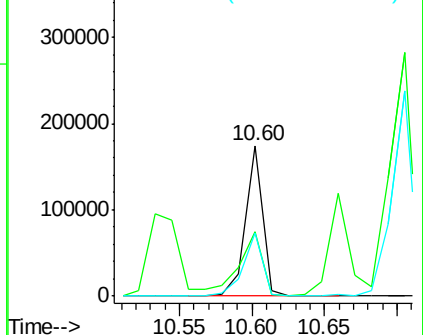


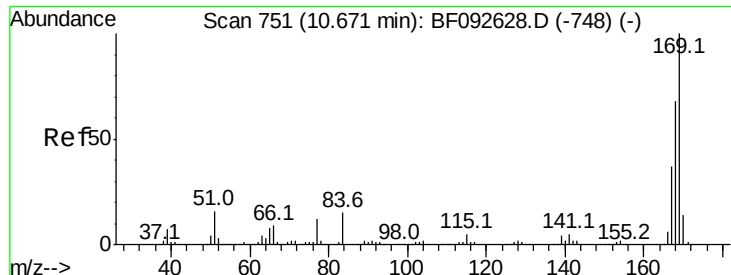
#64
 4,6-Dinitro-2-methylphenol
 Concen: 42.35 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF092706.D
 Acq: 1 Feb 2017 16:08

Tgt Ion:198 Resp: 144172
 Ion Ratio Lower Upper
 198 100
 51 43.0 6.7 46.7
 105 41.7 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

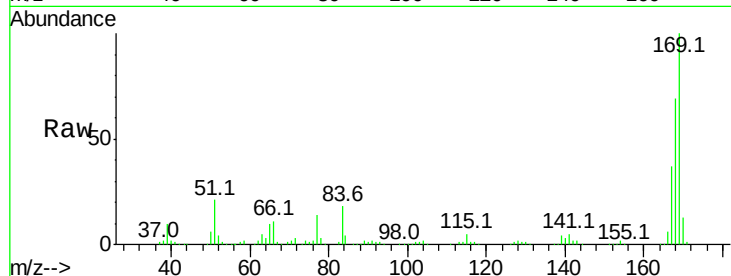




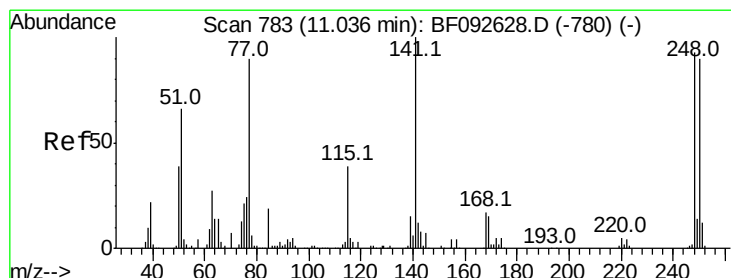
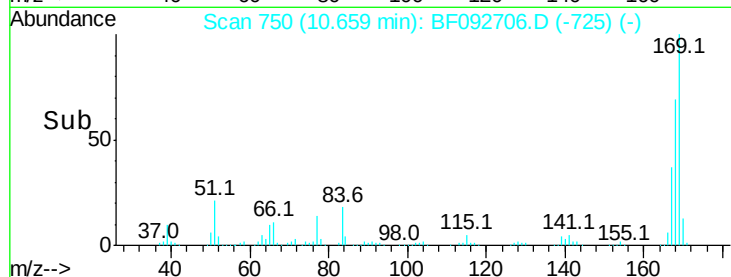
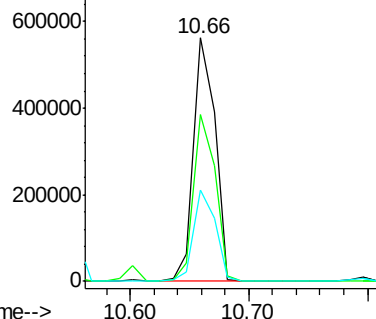
#65
 n-Nitrosodiphenylamine
 Concen: 39.15 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF092706.D
 Acq: 1 Feb 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB96625BS

Tot Ion:169 Resp: 705063
 Ion Ratio Lower Upper
 169 100
 168 68.7 54.2 81.2
 167 37.5 30.2 45.4

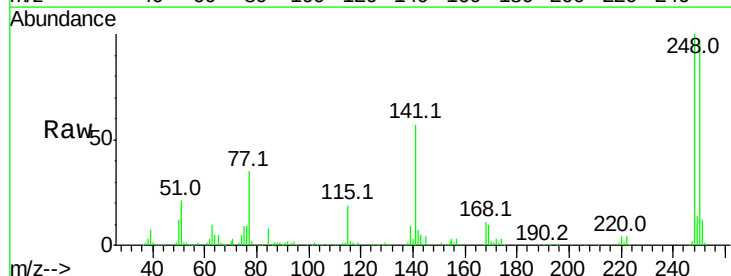


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

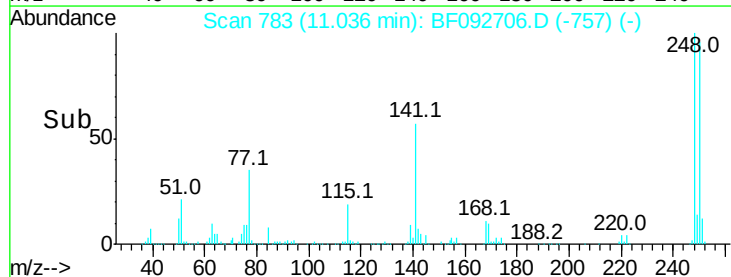
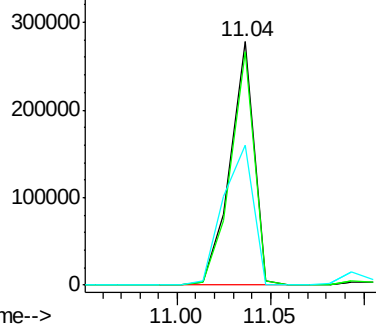


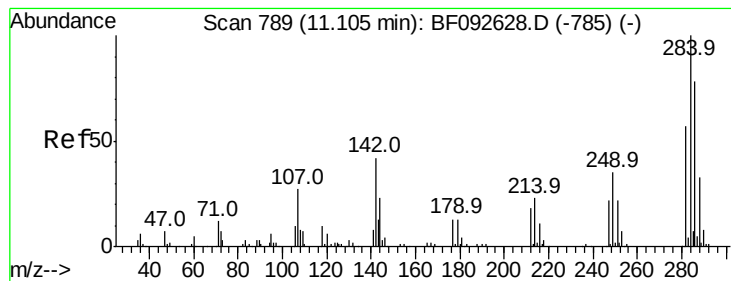
#66
 4-Bromophenyl-phenylether
 Concen: 42.72 ng
 RT: 11.04 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF092706.D
 Acq: 1 Feb 2017 16:08

Tgt Ion:248 Resp: 251628
 Ion Ratio Lower Upper
 248 100
 250 96.0 76.9 115.3
 141 57.4 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: 41.28 ng

RT: 11.10 min Scan# 789

Delta R.T. 0.00 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

Instrument :

BNA_F

ClientSampleId :

PB96625BS

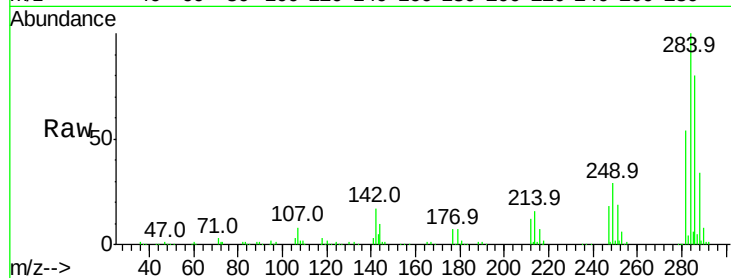
Tot Ion:284 Resp: 240282

Ion Ratio Lower Upper

284 100

142 17.0 22.6 33.8#

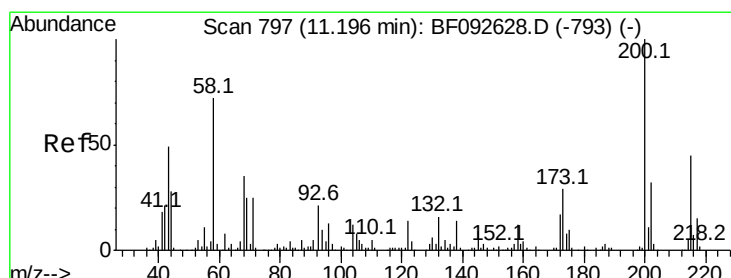
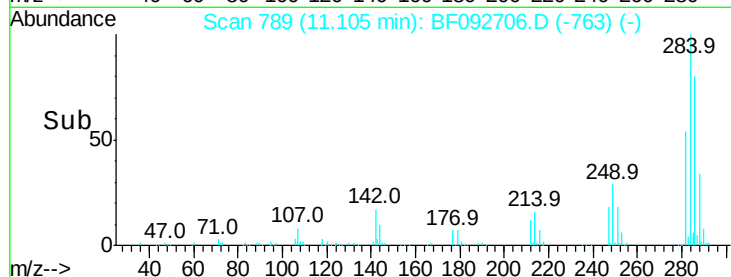
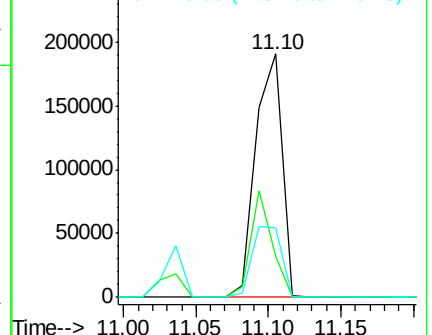
249 28.6 25.4 38.0



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: 45.43 ng

RT: 11.20 min Scan# 797

Delta R.T. 0.00 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

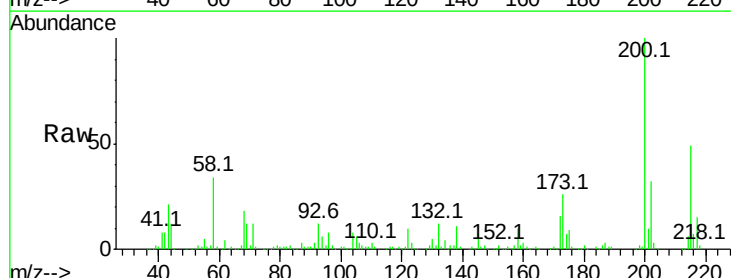
Tgt Ion:200 Resp: 262577

Ion Ratio Lower Upper

200 100

173 26.4 9.6 49.6

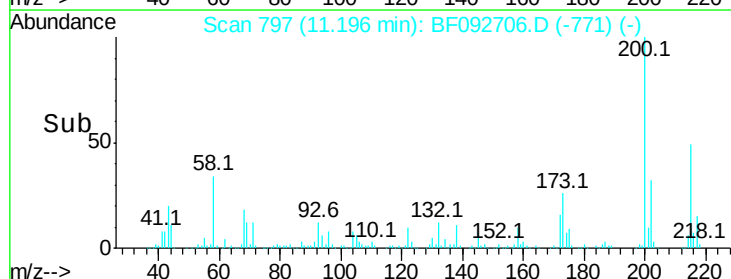
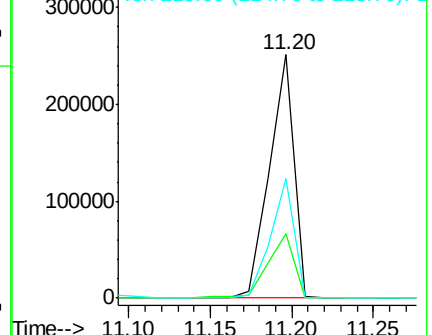
215 49.3 25.7 65.7

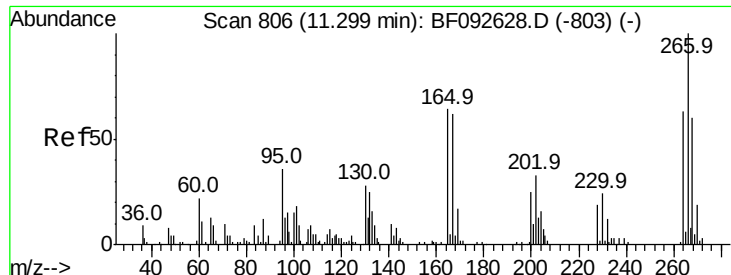


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

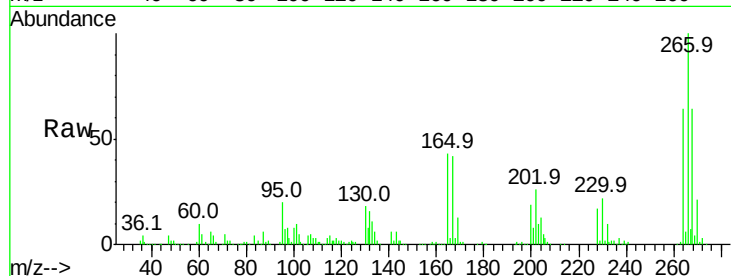




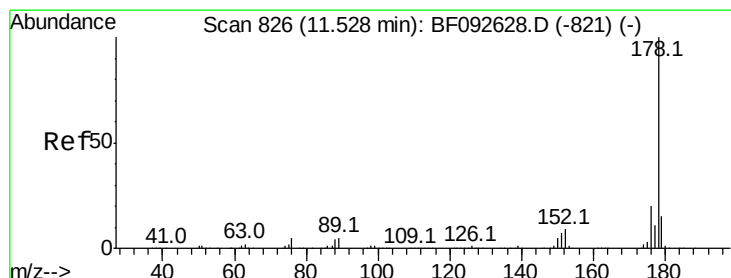
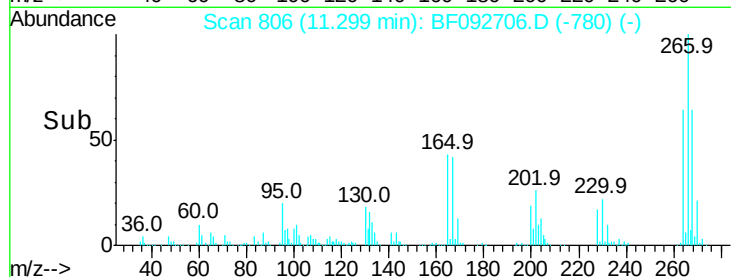
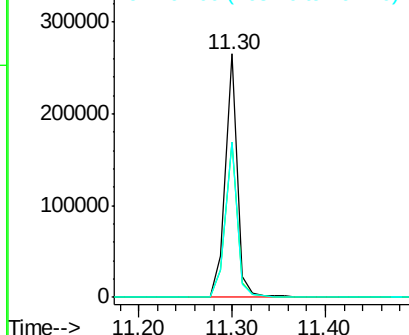
#69
 Pentachlorophenol
 Concen: 79.43 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF092706.D
 Acq: 1 Feb 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB96625BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	63.6	53.3	79.9
264	63.6	50.3	75.5

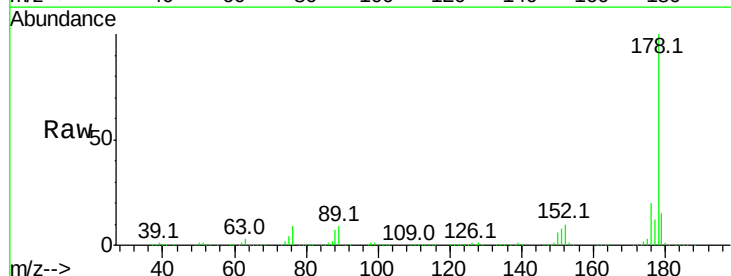


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

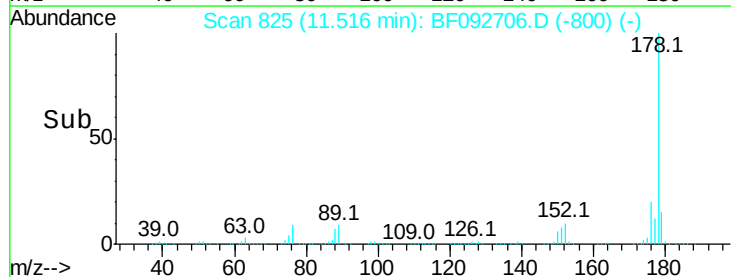
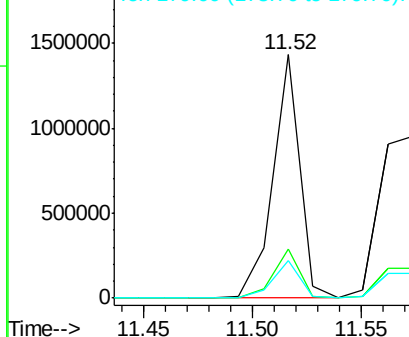


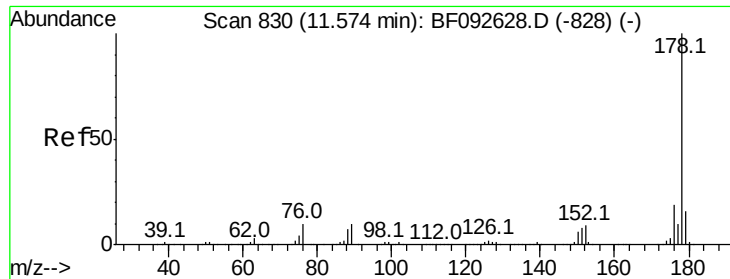
#70
 Phenanthrene
 Concen: 38.54 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092706.D
 Acq: 1 Feb 2017 16:08

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.6	25.0
179	15.5	12.8	19.2



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

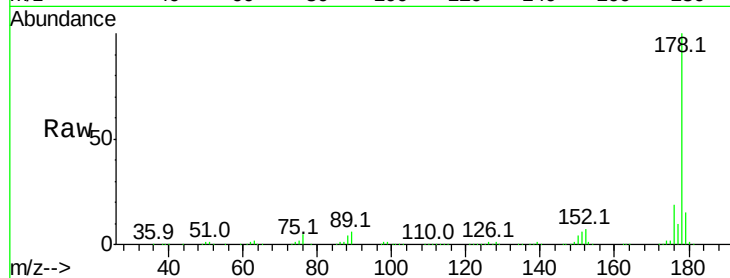




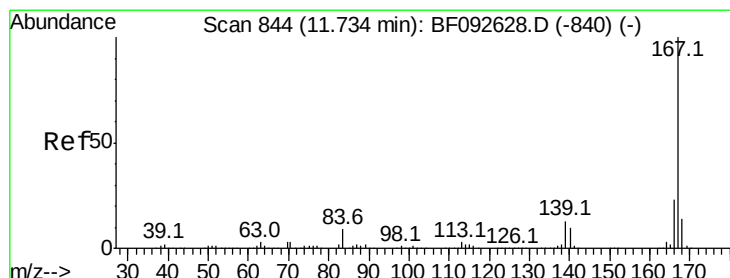
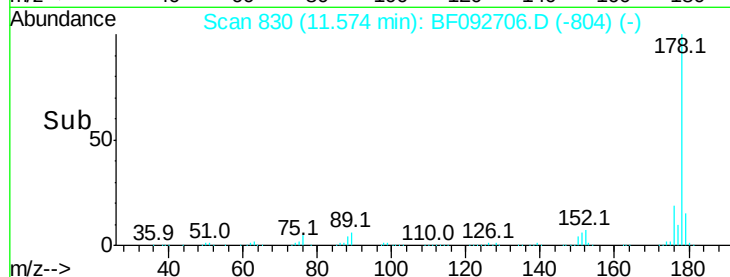
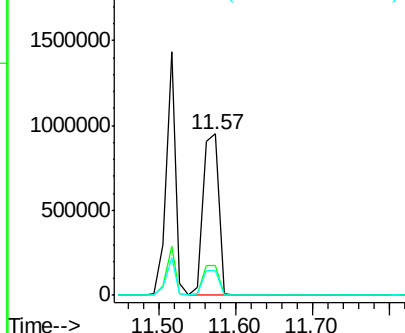
#71
 Anthracene
 Concen: 40.61 ng
 RT: 11.57 min Scan# 830
 Delta R.T. 0.00 min
 Lab File: BF092706.D
 Acq: 1 Feb 2017 16:08

Instrument :
 BNA_F
 ClientSampleId :
 PB96625BS

Tot Ion:178 Resp: 1317231
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.9 23.9
 179 14.9 13.2 19.8

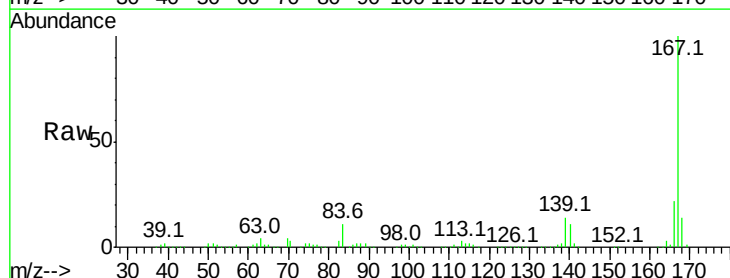


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

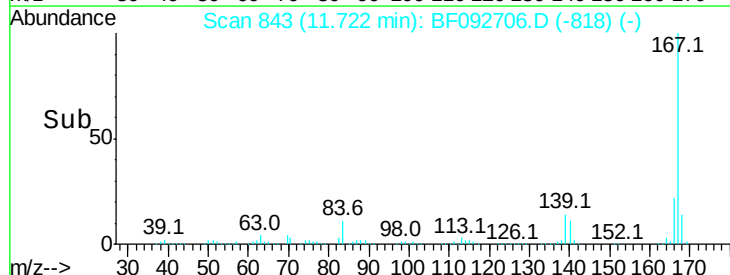
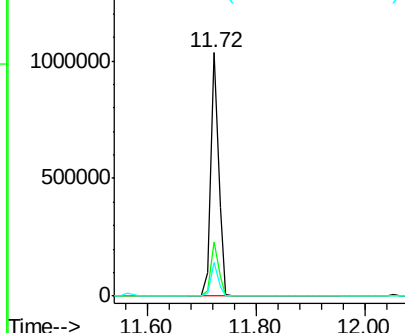


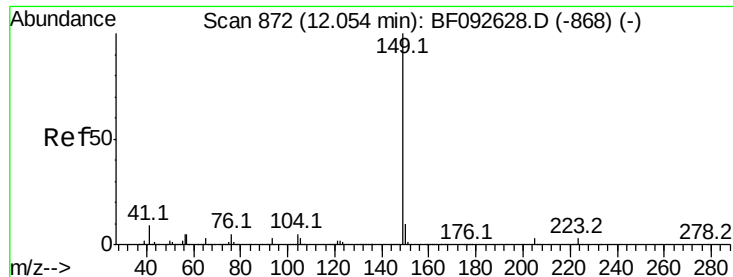
#72
 Carbazole
 Concen: 33.93 ng
 RT: 11.72 min Scan# 843
 Delta R.T. -0.01 min
 Lab File: BF092706.D
 Acq: 1 Feb 2017 16:08

Tgt Ion:167 Resp: 1051854
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.2 27.2
 139 13.8 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: 44.03 ng

RT: 12.05 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

Instrument :

BNA_F

ClientSampleId :

PB96625BS

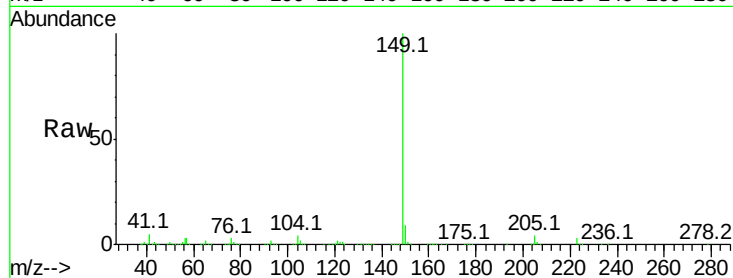
Tot Ion:149 Resp: 1476417

Ion Ratio Lower Upper

149 100

150 9.2 8.1 12.1

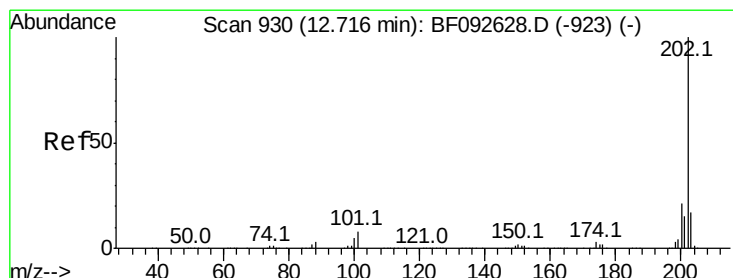
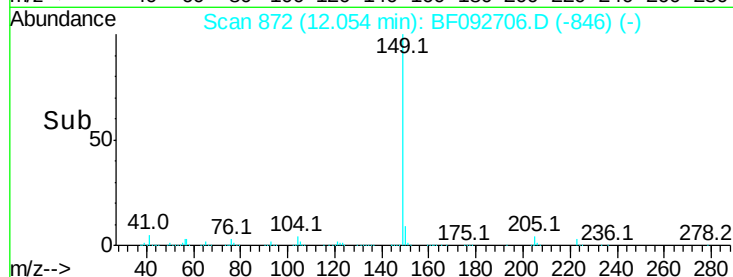
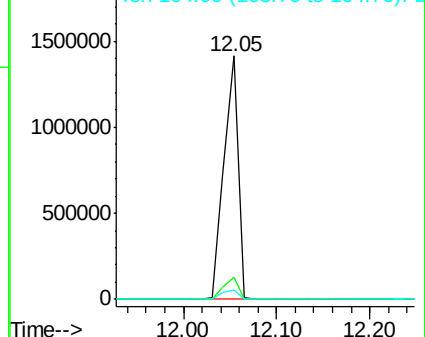
104 3.7 4.6 7.0#



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: 39.29 ng

RT: 12.71 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

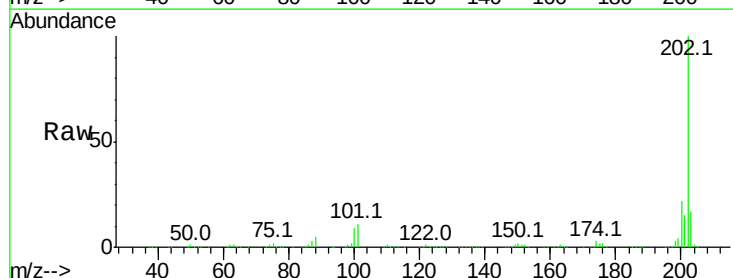
Tgt Ion:202 Resp: 1308986

Ion Ratio Lower Upper

202 100

101 11.4 0.0 34.6

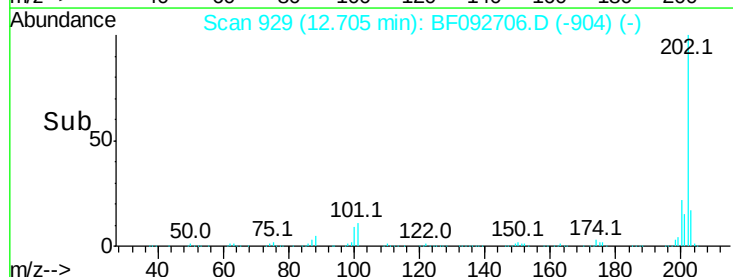
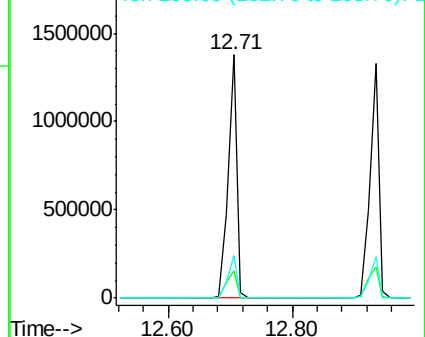
203 17.5 0.0 38.7

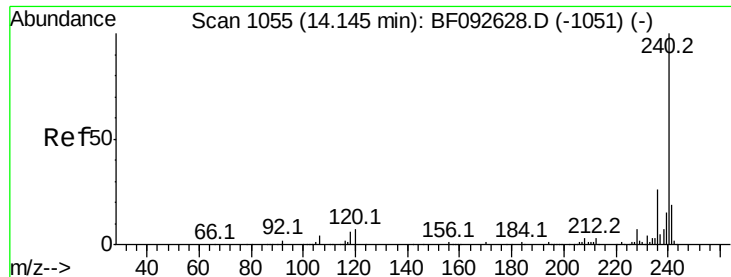


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

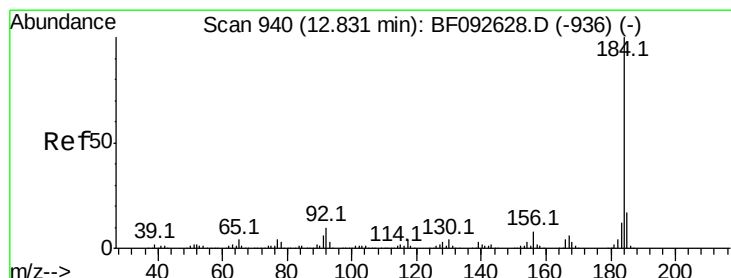
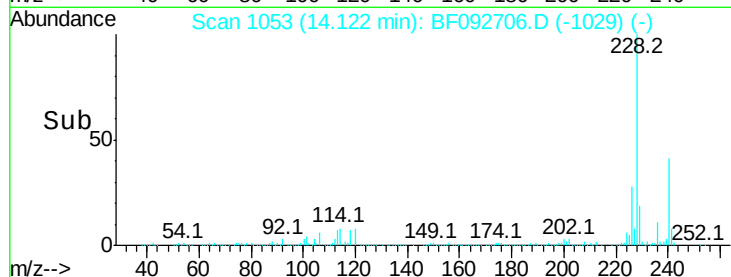
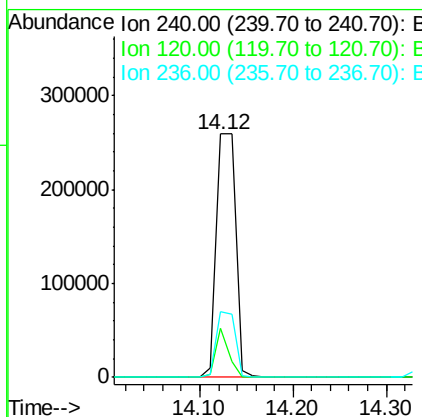
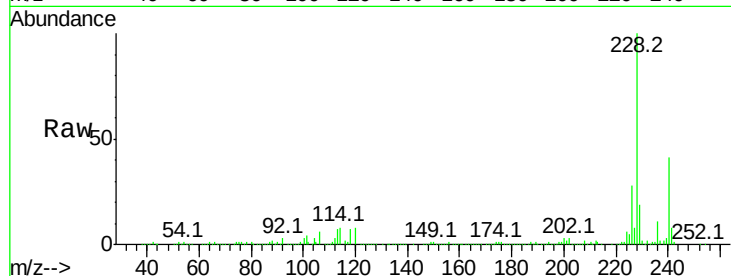




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.12 min Scan# 1053
 Delta R.T. -0.02 min
 Lab File: BF092706.D
 Acq: 1 Feb 2017 16:08

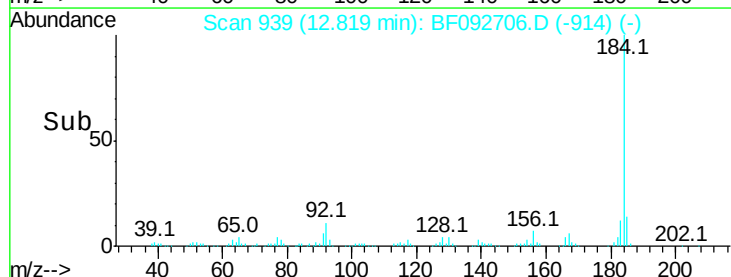
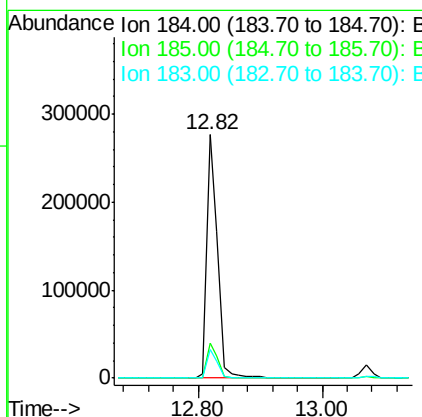
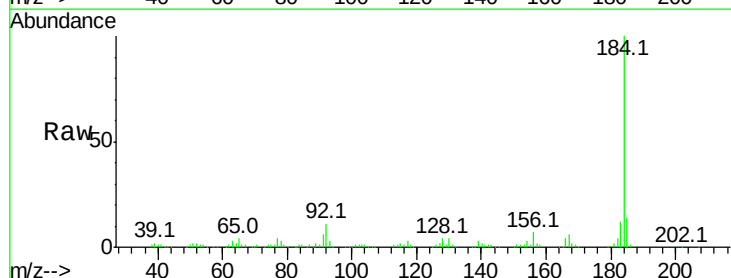
Instrument :
 BNA_F
 ClientSampleId :
 PB96625BS

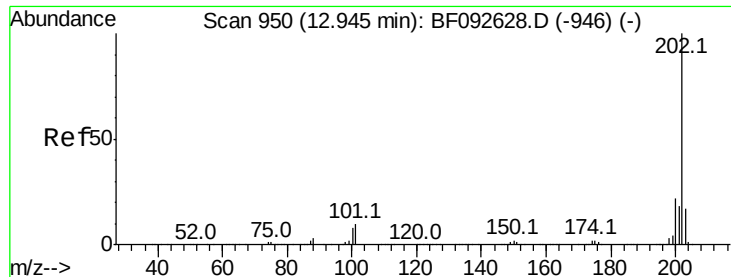
Tot Ion:240 Resp: 370385
 Ion Ratio Lower Upper
 240 100
 120 20.1 12.9 19.3#
 236 27.1 20.9 31.3



#76
 Benzidine
 Concen: 20.90 ng
 RT: 12.82 min Scan# 939
 Delta R.T. -0.01 min
 Lab File: BF092706.D
 Acq: 1 Feb 2017 16:08

Tgt Ion:184 Resp: 329939
 Ion Ratio Lower Upper
 184 100
 185 14.3 13.4 20.0
 183 11.6 9.2 13.8





#77

Pvrene

Concen: 46.69 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

Instrument :

BNA_F

ClientSampleId :

PB96625BS

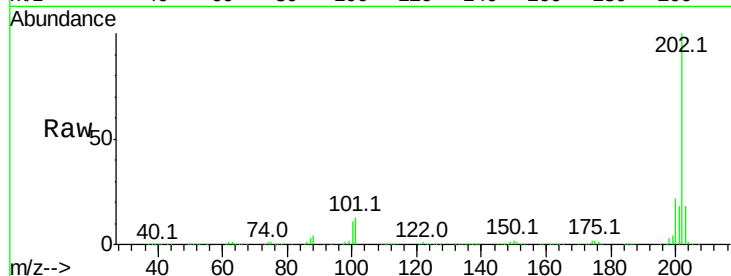
Tot Ion:202 Resp: 1294194

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

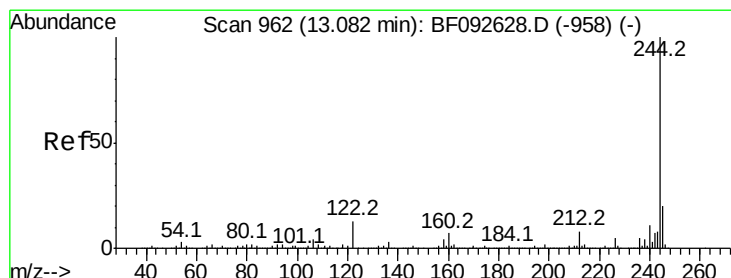
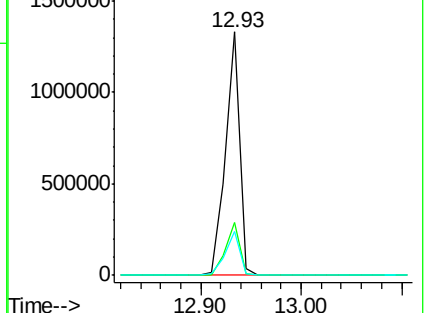
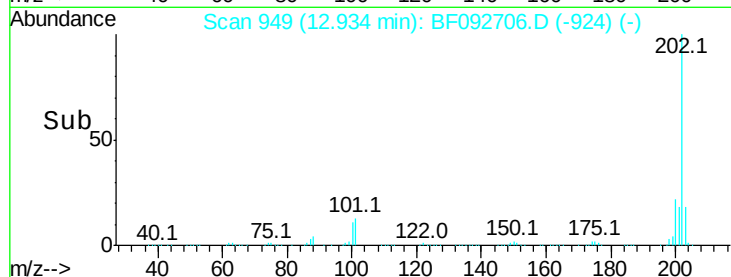
203 17.9 14.7 22.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 83.86 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

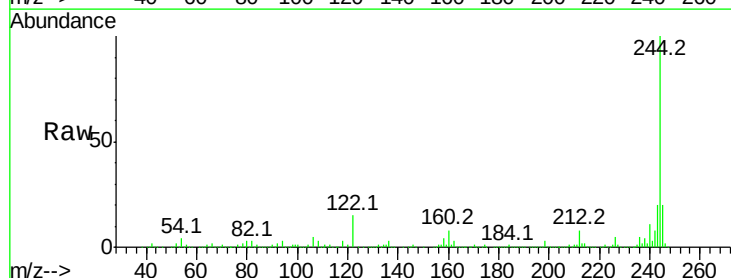
Tgt Ion:244 Resp: 1321981

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

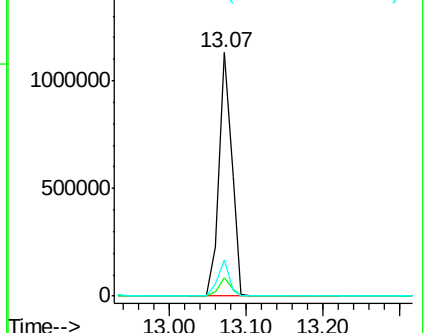
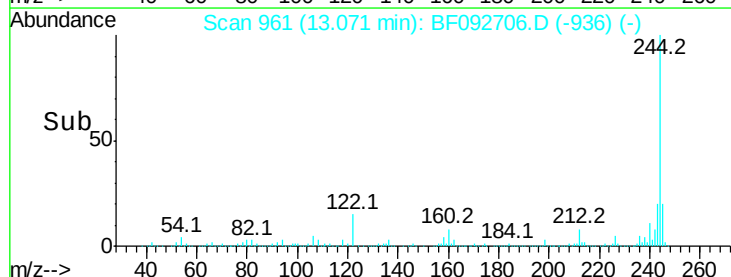
122 14.7 11.4 17.2

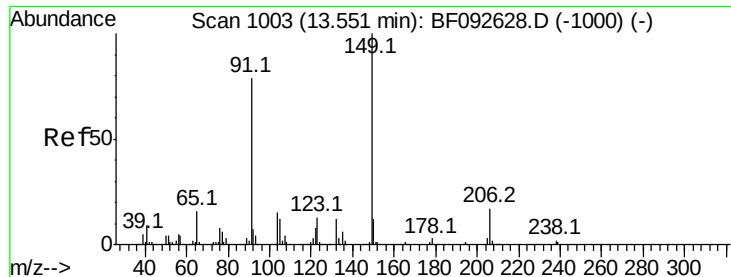


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 49.60 ng

RT: 13.55 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

Instrument :

BNA_F

ClientSampleId :

PB96625BS

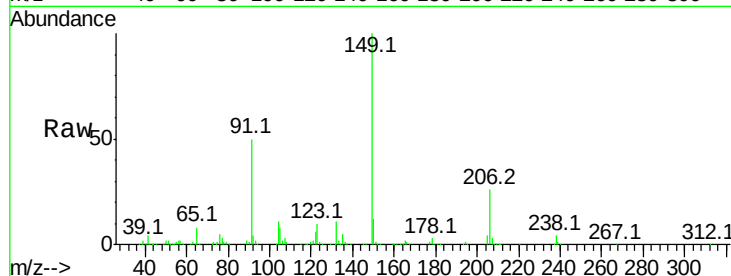
Tot Ion:149 Resp: 558250

Ion Ratio Lower Upper

149 100

91 49.7 63.9 95.9#

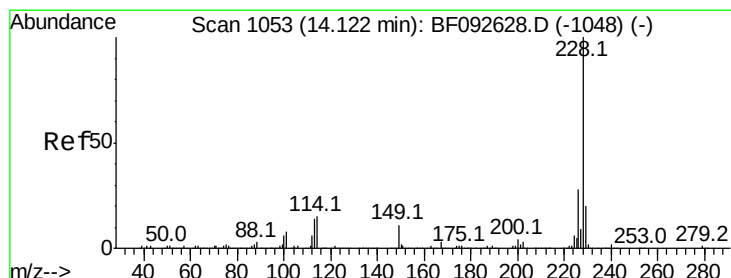
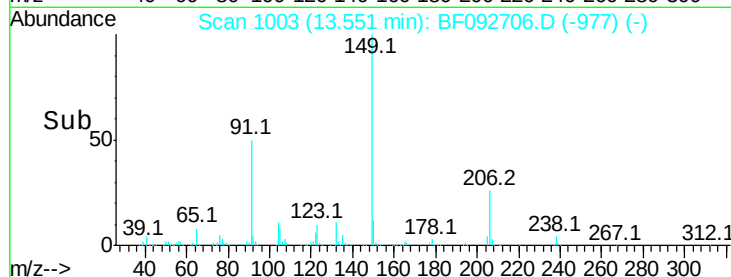
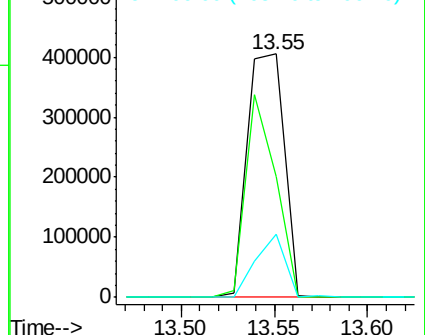
206 25.8 14.6 21.8#



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: 42.32 ng

RT: 14.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

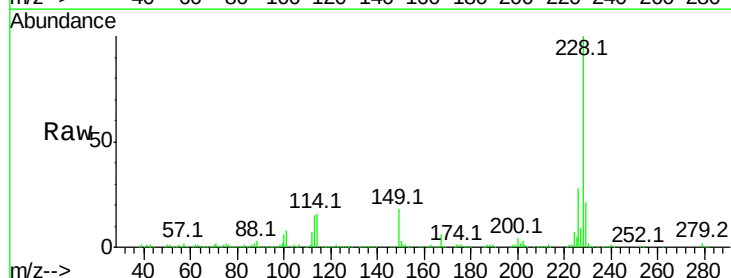
Tgt Ion:228 Resp: 958699

Ion Ratio Lower Upper

228 100

226 27.7 22.4 33.6

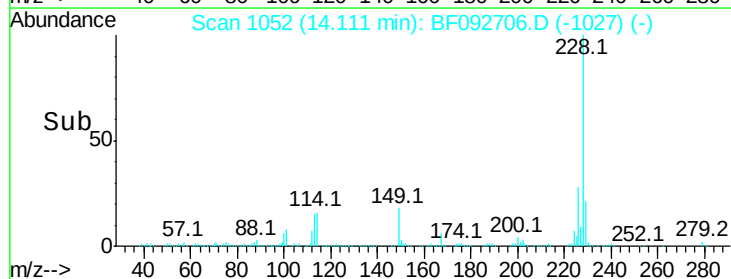
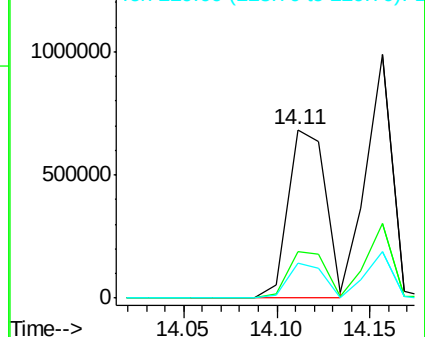
229 20.5 16.2 24.4

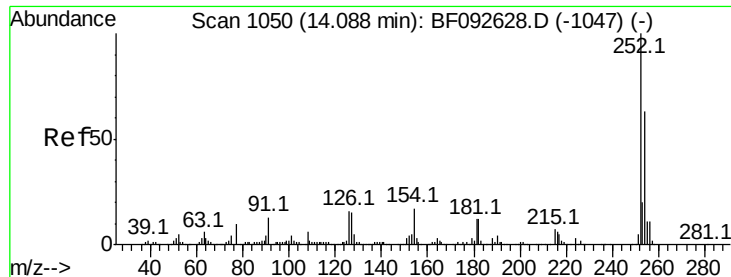


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

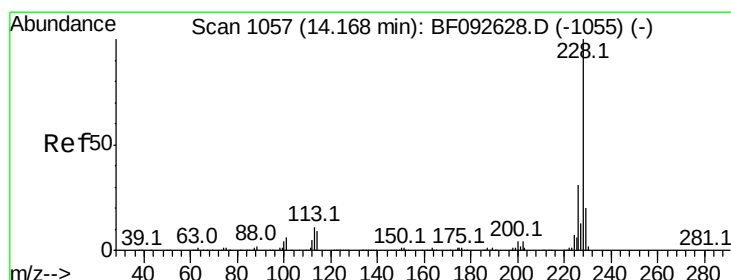
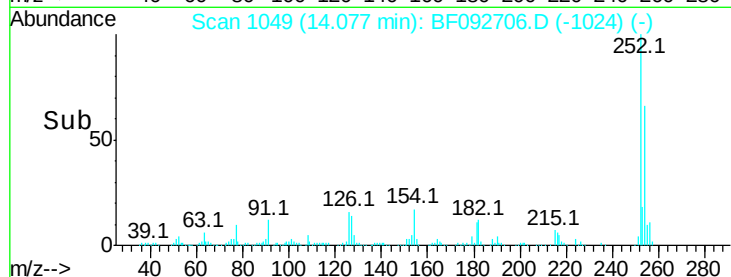
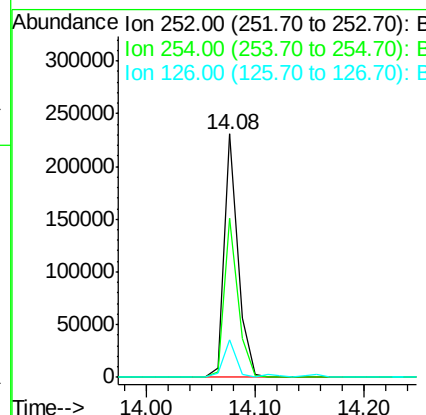
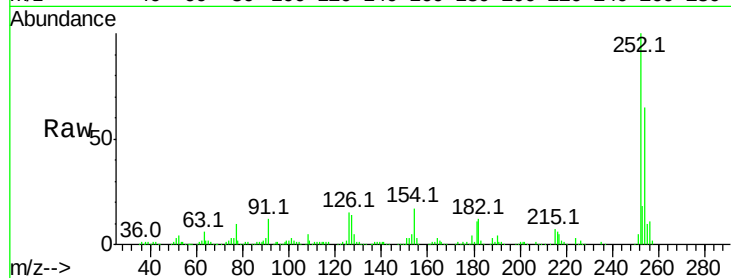




#81
 3,3'-Dichlorobenzidine
 Concen: 25.59 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF092706.D
 Acq: 1 Feb 2017 16:08

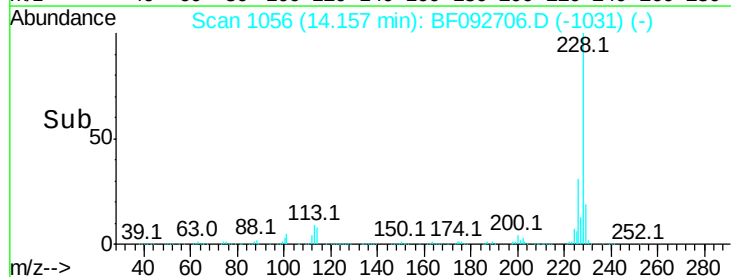
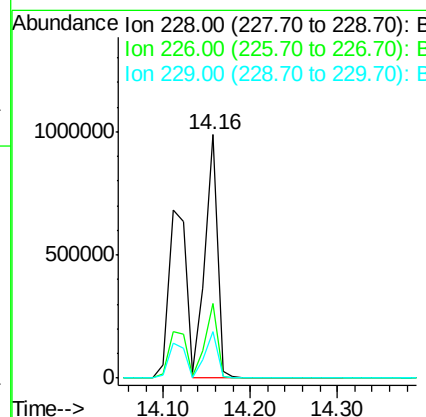
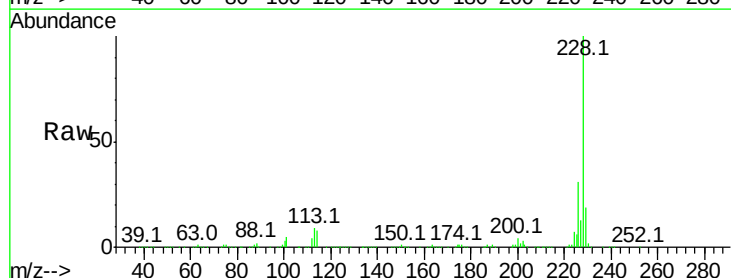
Instrument :
 BNA_F
 ClientSampleId :
 PB96625BS

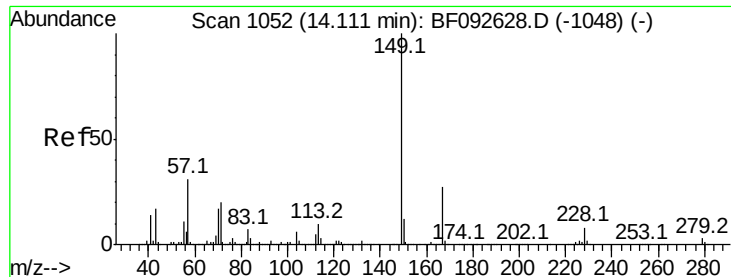
Tot Ion	Ratio	Lower	Upper
252	100		
254	65.5	52.3	78.5
126	15.5	13.6	20.4



#82
 Chrysene
 Concen: 45.26 ng
 RT: 14.16 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BF092706.D
 Acq: 1 Feb 2017 16:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.4	38.0
229	19.3	16.2	24.2

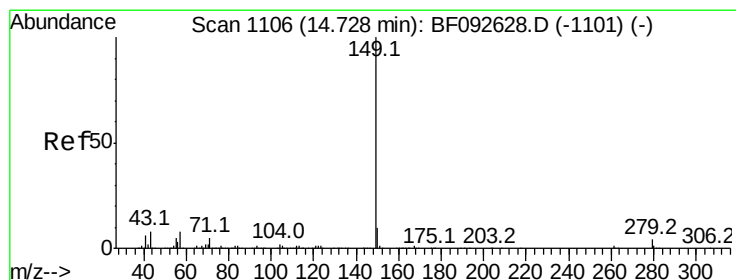
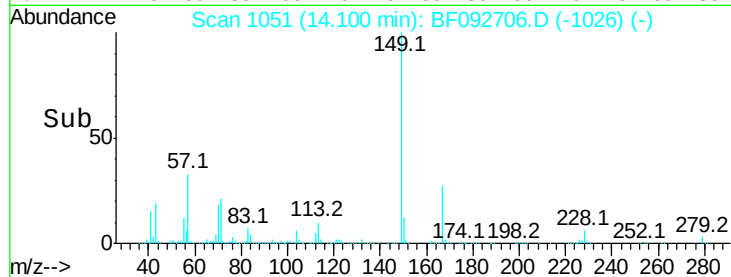
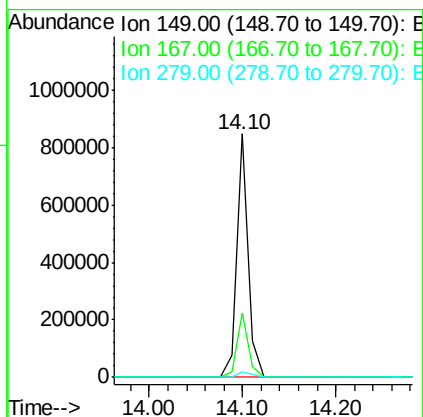
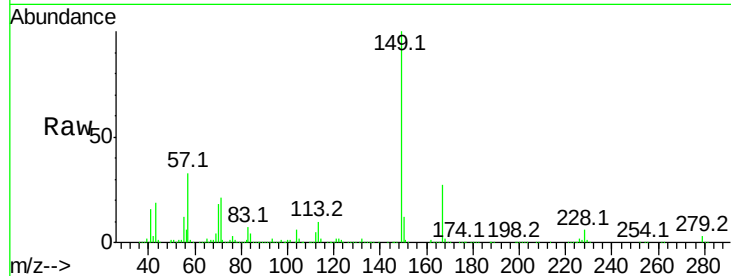




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.38 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF092706.D
 Acq: 1 Feb 2017 16:08

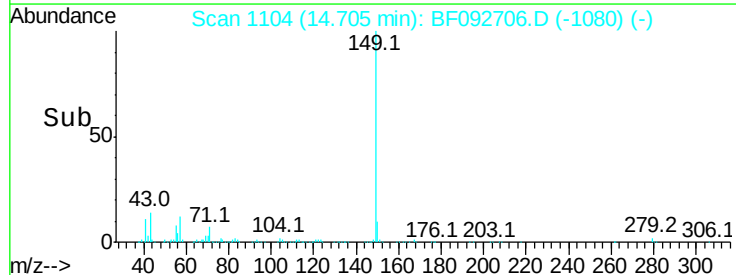
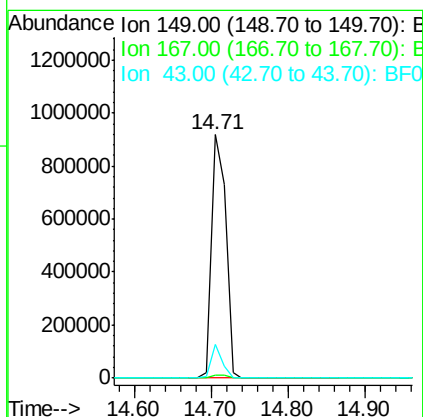
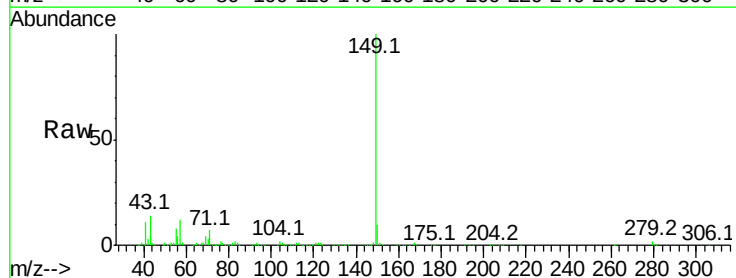
Instrument :
 BNA_F
 ClientSampleId :
 PB96625BS

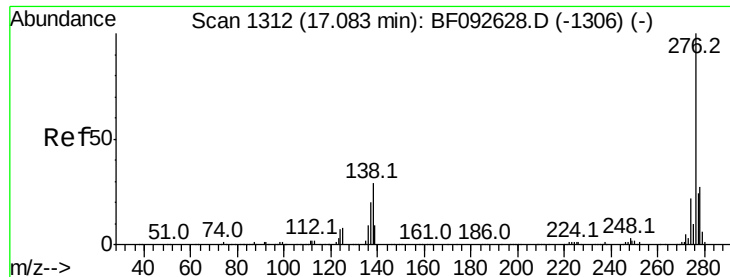
Tot Ion:149 Resp: 729352
 Ion Ratio Lower Upper
 149 100
 167 26.5 20.2 30.4
 279 2.5 1.8 2.8



#84
 Di-n-octyl phthalate
 Concen: 46.54 ng
 RT: 14.71 min Scan# 1104
 Delta R.T. -0.02 min
 Lab File: BF092706.D
 Acq: 1 Feb 2017 16:08

Tgt Ion:149 Resp: 1166493
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 10.7 8.9 13.3

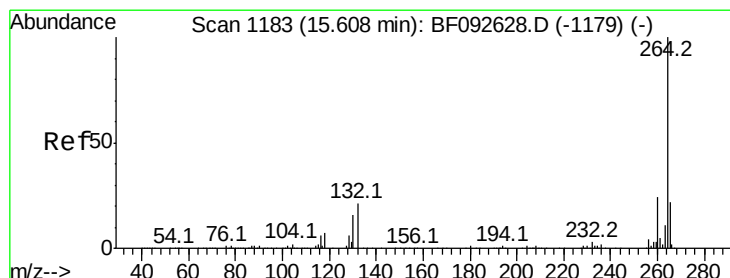
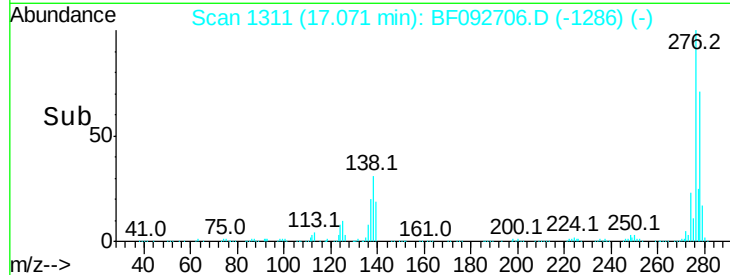
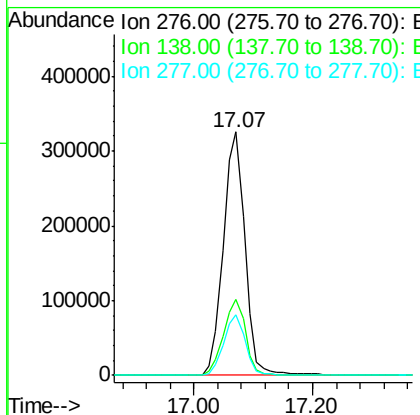
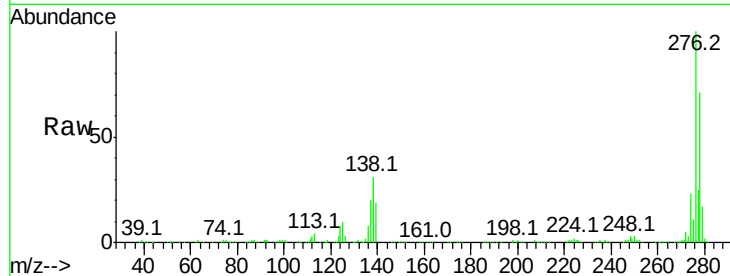




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 50.15 ng
 RT: 17.07 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF092706.D
 Acq: 1 Feb 2017 16:08

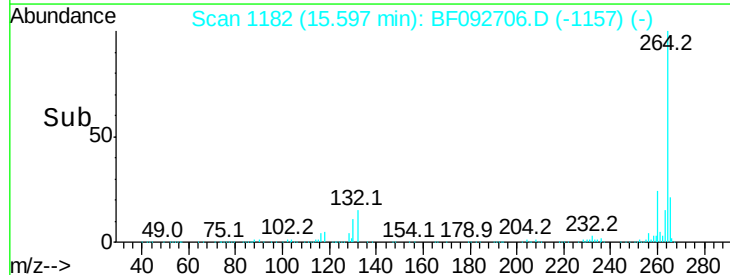
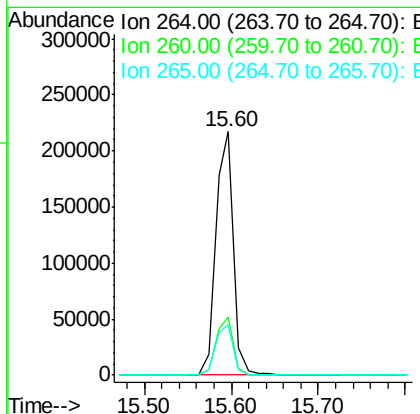
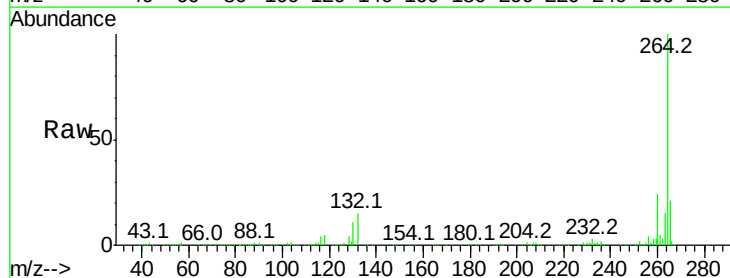
Instrument :
 BNA_F
 ClientSampleId :
 PB96625BS

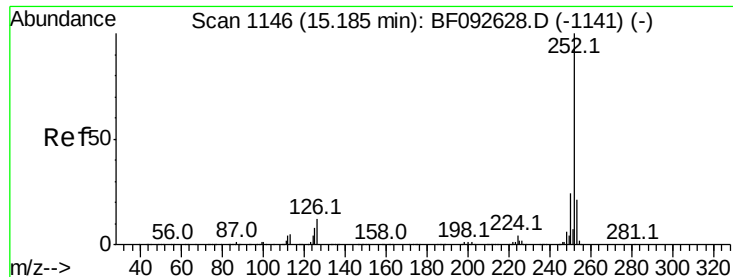
Tot Ion:	276	Resp:	823905
Ion	Ratio	Lower	Upper
276	100		
138	32.2	21.8	32.6
277	24.9	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.60 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF092706.D
 Acq: 1 Feb 2017 16:08

Tgt Ion:	264	Resp:	307354
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	20.6	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 37.81 ng m

RT: 15.16 min Scan# 1144

Delta R.T. -0.02 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

Instrument :

BNA_F

ClientSampleId :

PB96625BS

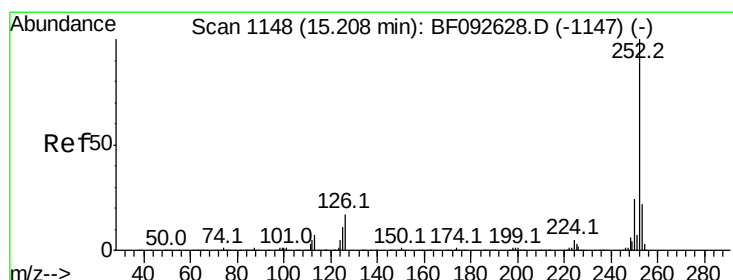
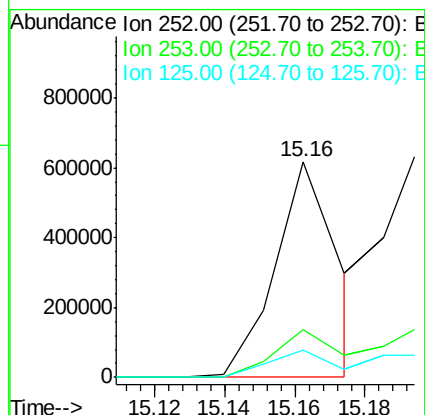
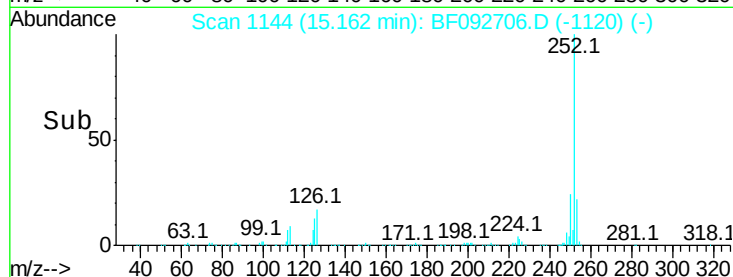
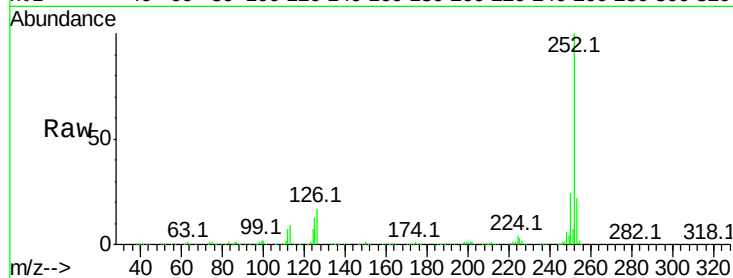
Tot Ion:252 Resp: 764992

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

125 12.9 9.8 14.6



#88

Benzo(k)fluoranthene

Concen: 46.35 ng m

RT: 15.20 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

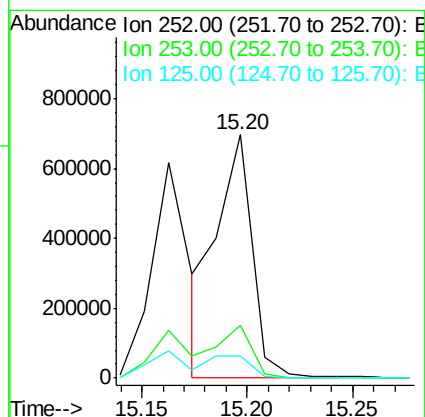
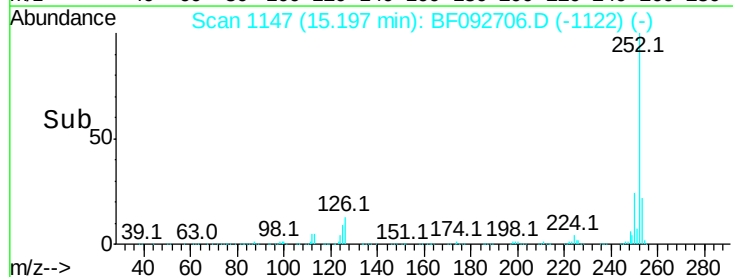
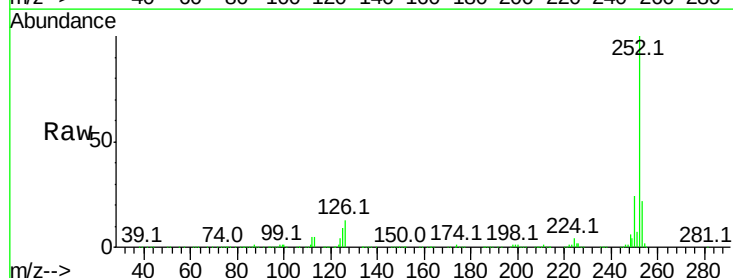
Tgt Ion:252 Resp: 809517

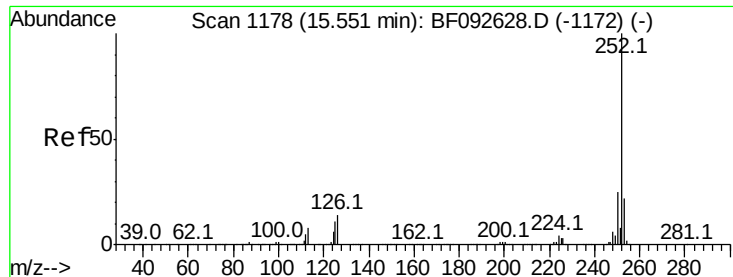
Ion Ratio Lower Upper

252 100

253 21.7 18.5 27.7

125 9.2 8.9 13.3

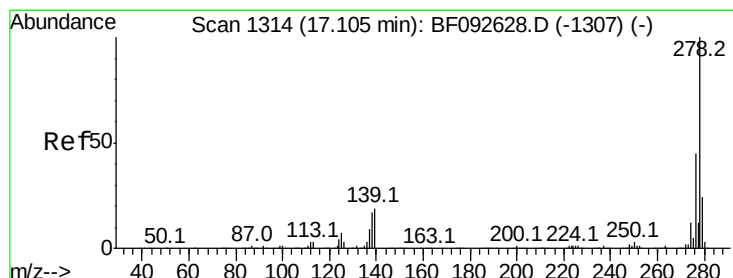
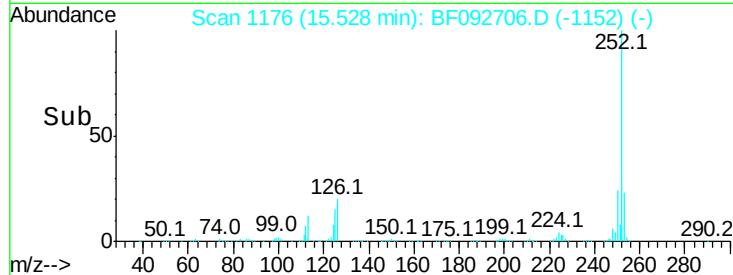
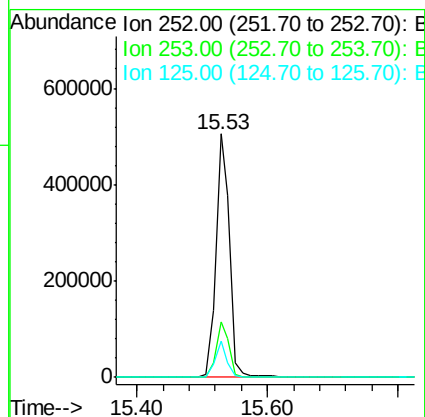
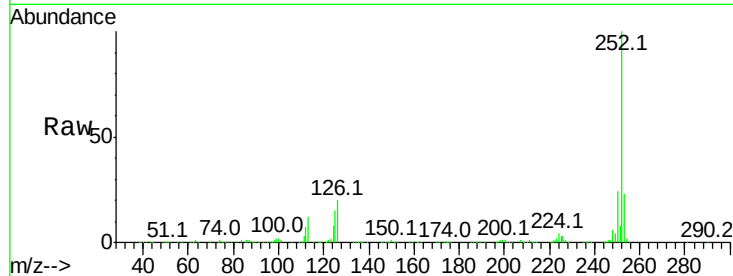




#89
Benzo(a)pyrene
Concen: 42.53 ng
RT: 15.53 min Scan# 1176
Delta R.T. -0.02 min
Lab File: BF092706.D
Acq: 1 Feb 2017 16:08

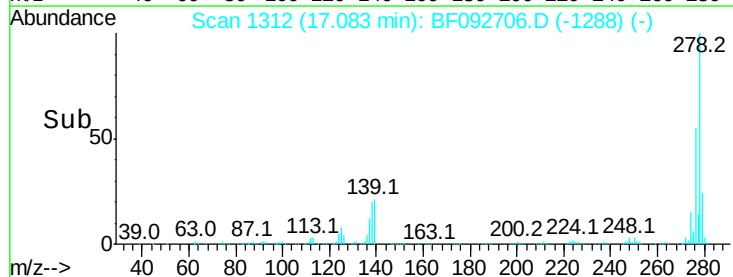
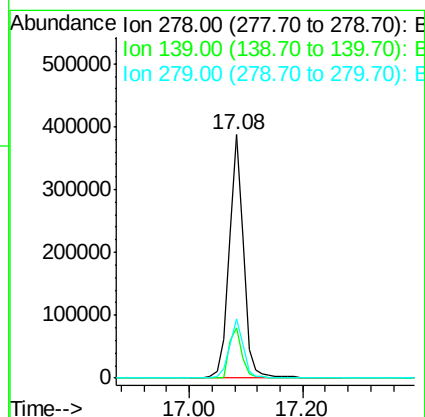
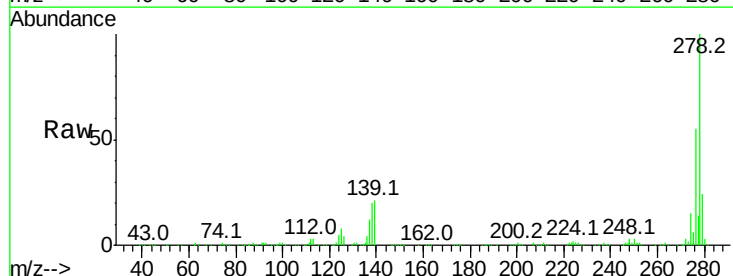
Instrument :
BNA_F
ClientSampleId :
PB96625BS

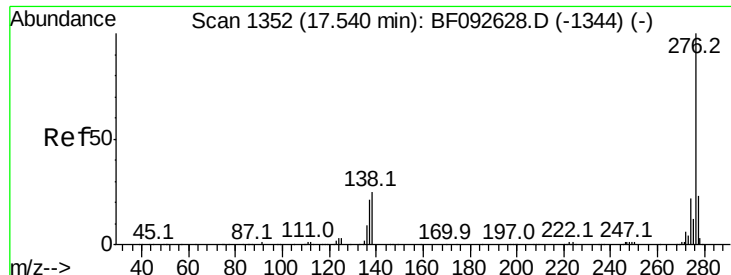
Tot Ion:252 Resp: 744190
Ion Ratio Lower Upper
252 100
253 22.7 18.2 27.2
125 15.0 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 48.84 ng
RT: 17.08 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BF092706.D
Acq: 1 Feb 2017 16:08

Tgt Ion:278 Resp: 690741
Ion Ratio Lower Upper
278 100
139 20.5 14.8 22.2
279 24.1 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 50.17 ng

RT: 17.52 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BF092706.D

Acq: 1 Feb 2017 16:08

Instrument :

BNA_F

ClientSampleId :

PB96625BS

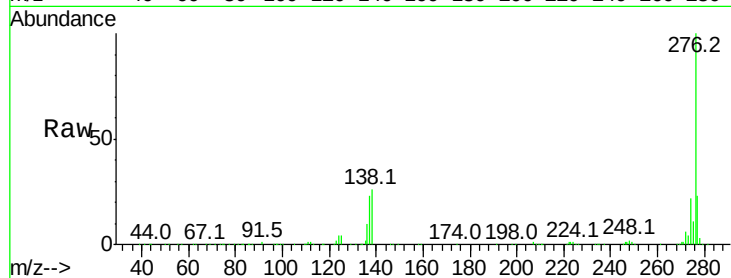
Tot Ion:276 Resp: 716824

Ion Ratio Lower Upper

276 100

277 22.8 19.2 28.8

138 26.2 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

