

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
 Data File : BF092708.D
 Acq On : 1 Feb 2017 17:03
 Operator : SJ/MA
 Sample : I1615-02MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-2MS

Quant Time: Feb 02 00:02:32 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	167390	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	675371	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	350274	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	584890	20.00	ng	0.00
75) Chrysene-d12	14.12	240	386751	20.00	ng	-0.02
86) Perylene-d12	15.60	264	340150	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1227319	125.79	ng	-0.01
7) Phenol-d6	6.59	99	1548614	123.36	ng	-0.01
23) Nitrobenzene-d5	7.52	82	989253	81.57	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	284965	112.48	ng	-0.01
44) 2-Fluorobiphenyl	9.32	172	1707011	88.29	ng	-0.01
78) Terphenyl-d14	13.07	244	1278256	77.66	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.66	88	202895	38.49	ng	# 84
3) Pyridine	3.40	79	598774	44.67	ng	# 83
4) n-Nitrosodimethylamine	3.37	42	296452	47.10	ng	# 84
6) Aniline	6.61	93	574350	33.54	ng	# 60
8) 2-Chlorophenol	6.74	128	475569	44.18	ng	# 94
9) Benzaldehyde	6.49	77	323307	35.95	ng	# 89
10) Phenol	6.60	94	584543	39.80	ng	# 99
11) bis(2-Chloroethyl)ether	6.68	93	472031	40.26	ng	# 92
12) 1,3-Dichlorobenzene	6.89	146	529072	41.97	ng	# 94
13) 1,4-Dichlorobenzene	6.97	146	536242	42.02	ng	# 93
14) 1,2-Dichlorobenzene	7.12	146	479829	39.33	ng	# 99
15) Benzyl Alcohol	7.09	79	412670	44.40	ng	# 98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	893270	43.86	ng	# 94
17) 2-Methylphenol	7.21	107	382076	41.38	ng	# 98
18) Hexachloroethane	7.46	117	176433	40.50	ng	# 96
19) n-Nitroso-di-n-propylamine	7.37	70	353003	44.17	ng	# 97
20) 3+4-Methylphenols	7.37	107	486785	44.09	ng	# 85
22) Acetophenone	7.36	105	621824	40.33	ng	# 93
24) Nitrobenzene	7.54	77	527562	42.36	ng	# 82
25) Isophorone	7.77	82	958033	42.39	ng	# 93
26) 2-Nitrophenol	7.85	139	249264	42.11	ng	# 92
27) 2,4-Dimethylphenol	7.89	122	429047	41.27	ng	# 97
28) bis(2-Chloroethoxy)methane	7.98	93	613489	40.99	ng	# 99
29) 2,4-Dichlorophenol	8.10	162	417152	43.02	ng	# 92
30) 1,2,4-Trichlorobenzene	8.18	180	430148	41.17	ng	# 96
31) Naphthalene	8.26	128	1330975	38.88	ng	# 100
32) Benzoic acid	7.96	122	28170	11.23	ng	# 86
33) 4-Chloroaniline	8.30	127	271887	20.25	ng	# 94
34) Hexachlorobutadiene	8.37	225	212964	37.05	ng	# 99
35) Caprolactam	8.67	113	140846	46.18	ng	# 25
36) 4-Chloro-3-methylphenol	8.81	107	460934	45.60	ng	# 92
37) 2-Methylnaphthalene	8.96	142	936221	42.59	ng	# 98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	358242	36.43	ng	# 99
40) Hexachlorocyclopentadiene	9.10	237	328865	74.13	ng	# 95

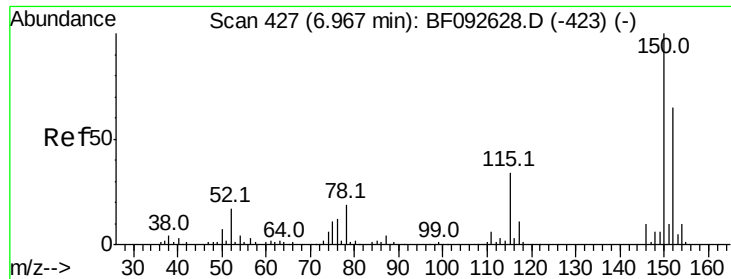
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	283457	43.87	nq	96
43) 2,4,5-Trichlorophenol	9.28	196	278449	39.33	nq	97
45) 1,1'-Biphenyl	9.42	154	1042266	41.09	nq	98
46) 2-Chloronaphthalene	9.45	162	864489	43.57	nq	99
47) 2-Nitroaniline	9.54	65	272878	40.90	nq	93
48) Acenaphthylene	9.86	152	1313398	38.32	nq	99
49) Dimethylphthalate	9.72	163	1377256	58.38	nq	98
50) 2,6-Dinitrotoluene	9.79	165	235160	46.15	nq	93
51) Acenaphthene	10.03	154	826129	40.31	nq	96
52) 3-Nitroaniline	9.96	138	162490	27.87	nq	# 72
53) 2,4-Dinitrophenol	10.06	184	119545	48.13	nq	# 93
54) Dibenzofuran	10.21	168	1192874	43.52	nq	# 89
55) 4-Nitrophenol	10.13	139	319010	75.96	nq	96
56) 2,4-Dinitrotoluene	10.19	165	277629	40.93	nq	97
57) Fluorene	10.56	166	864309	40.99	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	214372	45.40	nq	# 99
59) Diethylphthalate	10.42	149	902187	40.58	nq	100
60) 4-Chlorophenyl-phenylether	10.54	204	412757	40.74	nq	# 78
61) 4-Nitroaniline	10.58	138	256284	42.91	nq	88
62) Azobenzene	10.70	77	1091238	47.51	nq	92
64) 4,6-Dinitro-2-methylphenol	10.60	198	139634	39.71	nq	83
65) n-Nitrosodiphenylamine	10.66	169	737412	39.47	nq	99
66) 4-Bromophenyl-phenylether	11.04	248	253043	41.41	nq	# 84
67) Hexachlorobenzene	11.09	284	235830	39.05	nq	# 71
68) Atrazine	11.20	200	257401	42.93	nq	92
69) Pentachlorophenol	11.30	266	243463	78.27	nq	97
70) Phenanthrene	11.52	178	1271264	37.94	nq	99
71) Anthracene	11.56	178	1300342	38.64	nq	99
72) Carbazole	11.72	167	1093717	34.00	nq	99
73) Di-n-butylphthalate	12.05	149	1510224	43.41	nq	# 96
74) Fluoranthene	12.71	202	1334085	38.60	nq	96
76) Benzidine	12.83	184	616213	37.39	nq	96
77) Pyrene	12.93	202	1289506	44.55	nq	99
79) Butylbenzylphthalate	13.55	149	582527	49.56	nq	# 74
80) Benzo(a)anthracene	14.11	228	987512	41.75	nq	100
81) 3,3'-Dichlorobenzidine	14.08	252	228936	27.15	nq	97
82) Chrysene	14.16	228	957208	43.22	nq	99
83) Bis(2-ethylhexyl)phthalate	14.10	149	752862	46.84	nq	97
84) Di-n-octyl phthalate	14.71	149	1210417	46.24	nq	98
85) Indeno(1,2,3-cd)pyrene	17.07	276	852802	49.71	nq	# 94
87) Benzo(b)fluoranthene	15.16	252	793832m	35.46	nq	
88) Benzo(k)fluoranthene	15.20	252	828915m	42.88	nq	
89) Benzo(a)pyrene	15.53	252	787628	40.67	nq	97
90) Dibenzo(a,h)anthracene	17.08	278	706374	45.13	nq	96
91) Benzo(g,h,i)perylene	17.52	276	743483	47.02	nq	# 92

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.94 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SS-2MS

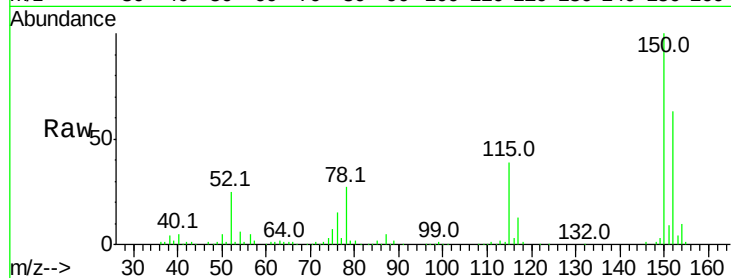
Tot Ion:152 Resp: 167390

Ion Ratio Lower Upper

152 100

150 157.5 124.9 187.3

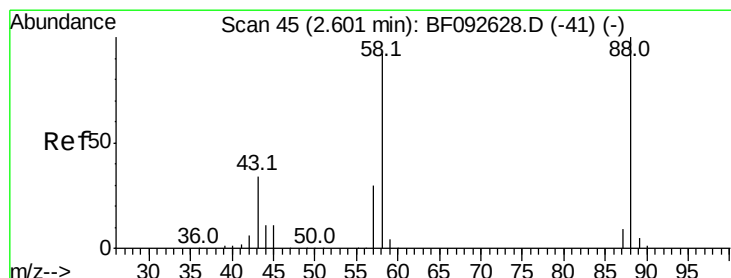
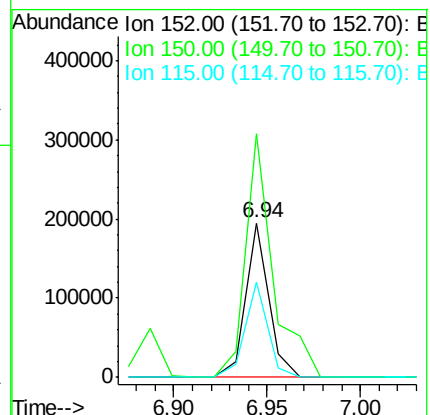
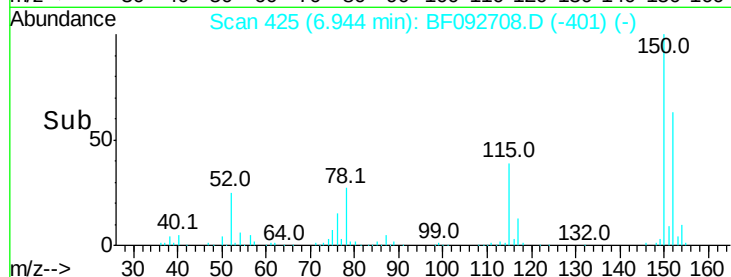
115 61.8 46.0 69.0



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: 38.49 ng

RT: 2.66 min Scan# 50

Delta R.T. 0.06 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

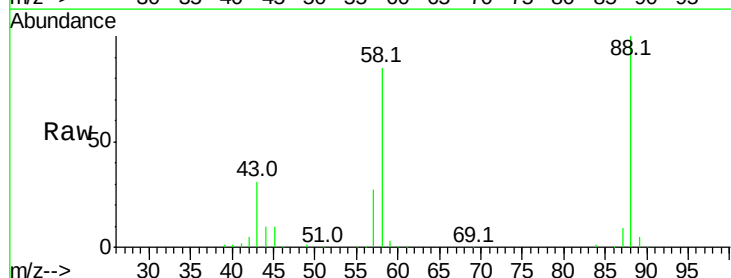
Tgt Ion: 88 Resp: 202895

Ion Ratio Lower Upper

88 100

58 87.9 57.8 86.8#

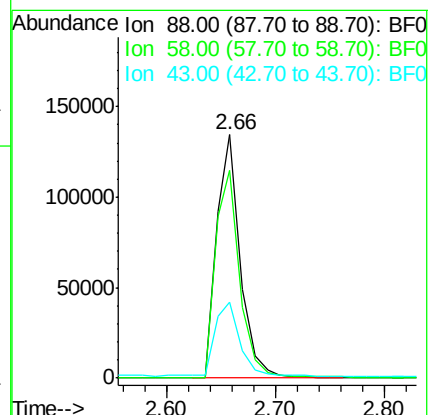
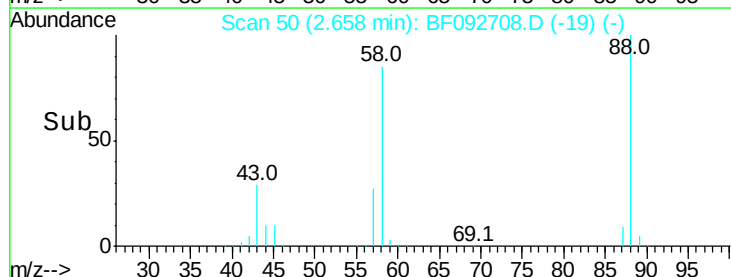
43 32.7 22.3 33.5

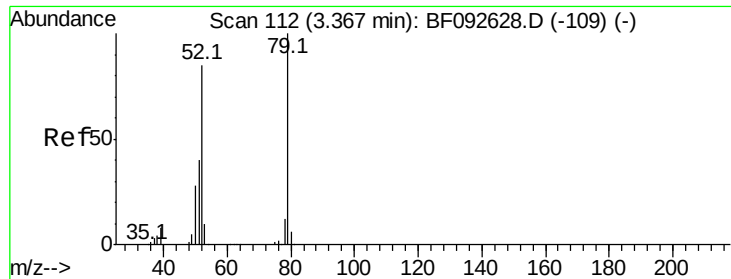


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 44.67 ng

RT: 3.40 min Scan# 115

Delta R.T. 0.03 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SS-2MS

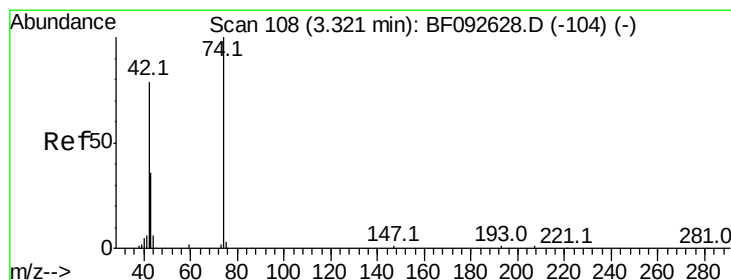
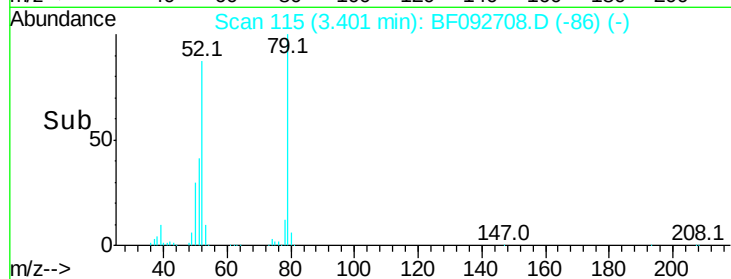
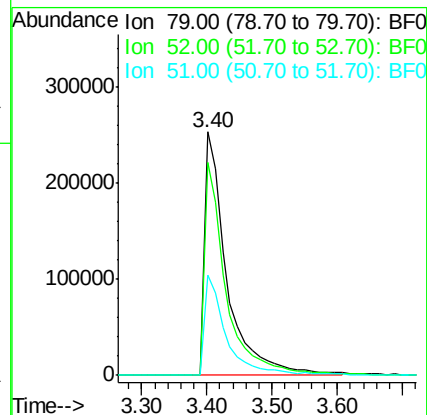
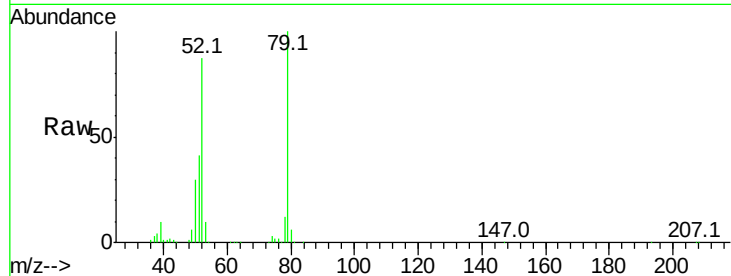
Tot Ion: 79 Resp: 598774

Ion Ratio Lower Upper

79 100

52 87.3 57.1 85.7#

51 41.3 27.3 40.9#



#4

n-Nitrosodimethylamine

Concen: 47.10 ng

RT: 3.37 min Scan# 112

Delta R.T. 0.05 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

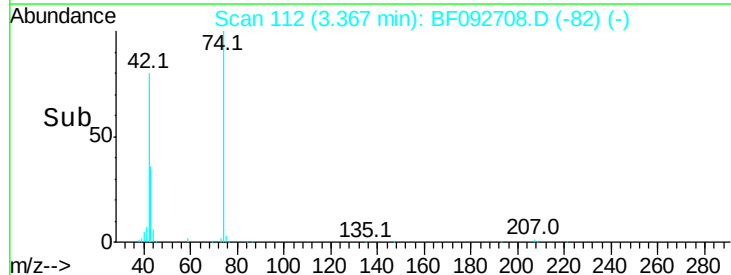
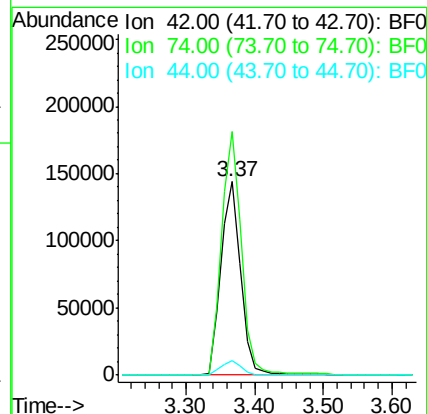
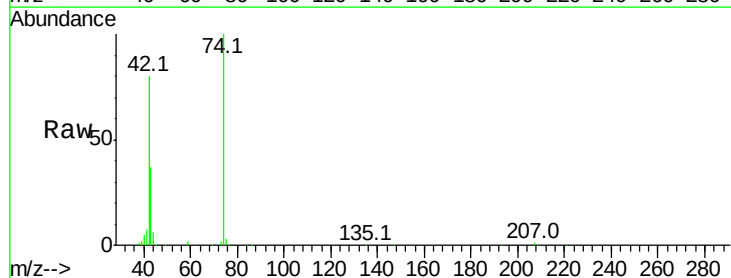
Tgt Ion: 42 Resp: 296452

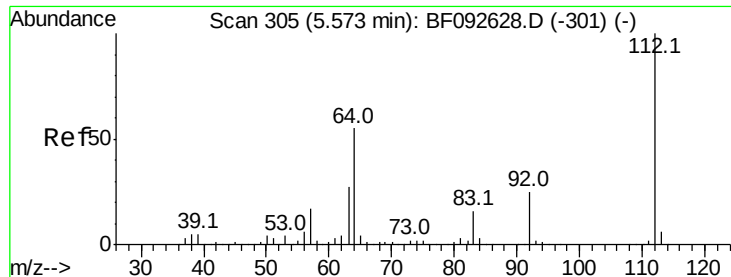
Ion Ratio Lower Upper

42 100

74 125.7 117.0 175.4

44 7.4 5.5 8.3





#5

2-Fluorophenol

Concen: 125.79 ng

RT: 5.56 min Scan# 304

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SS-2MS

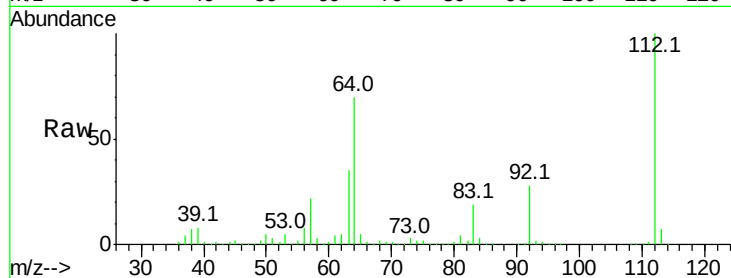
Tot Ion:112 Resp: 1227319

Ion Ratio Lower Upper

112 100

64 69.6 46.1 69.1#

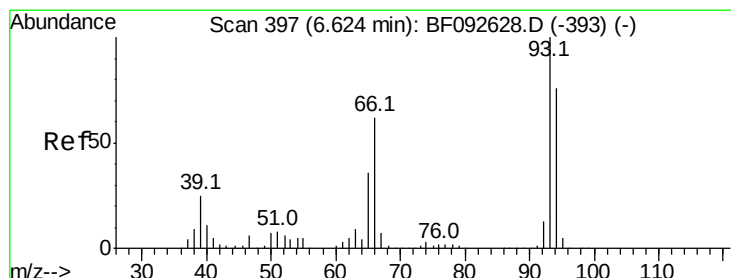
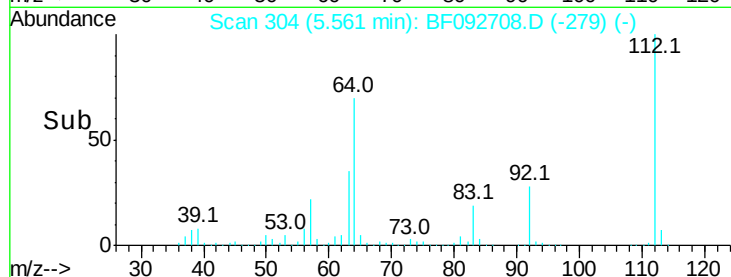
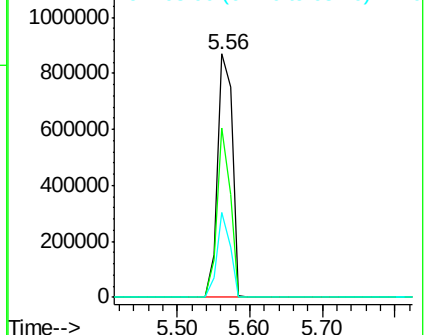
63 34.7 23.8 35.6



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: 33.54 ng

RT: 6.61 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

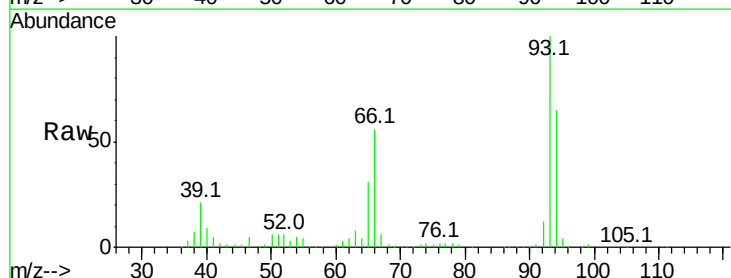
Tgt Ion: 93 Resp: 574350

Ion Ratio Lower Upper

93 100

66 55.5 76.2 114.2#

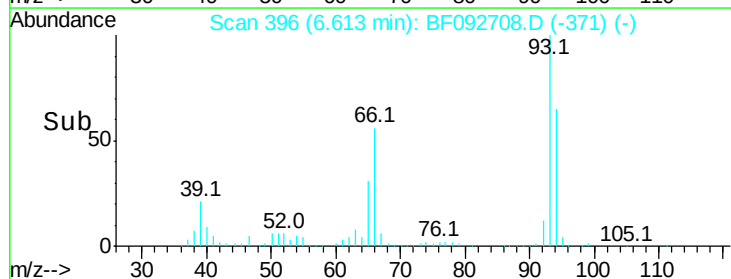
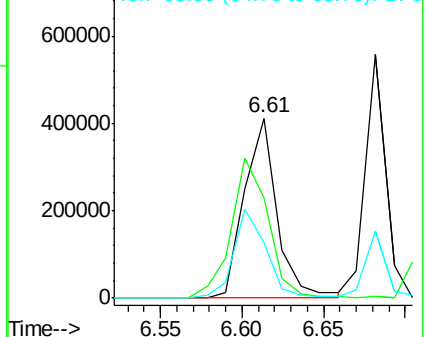
65 31.2 49.3 73.9#

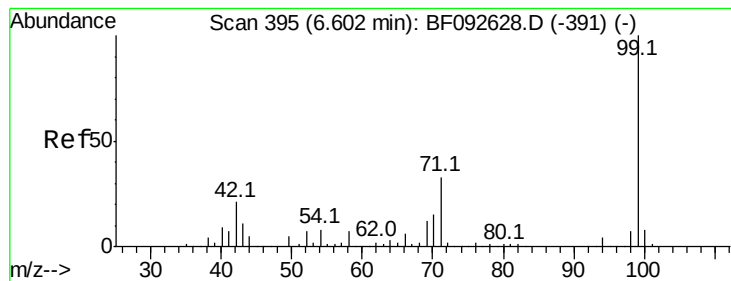


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 123.36 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampled :

SS-2MS

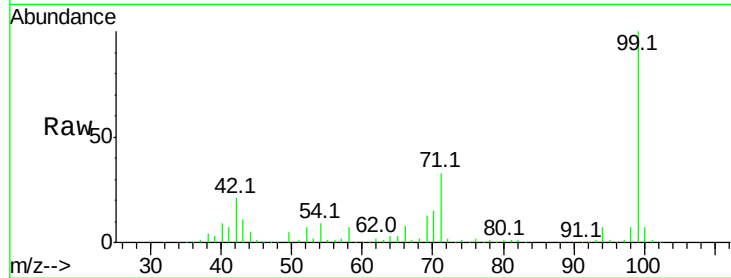
Tot Ion: 99 Resp: 1548614

Ion Ratio Lower Upper

99 100

42 21.1 15.6 23.4

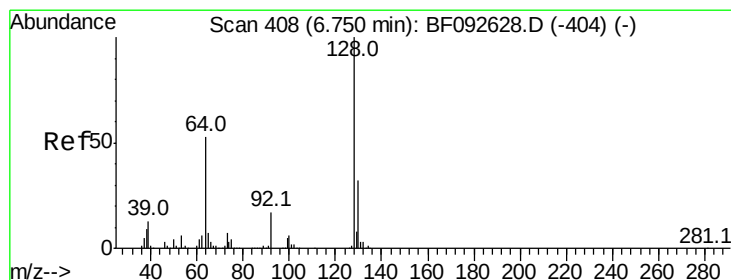
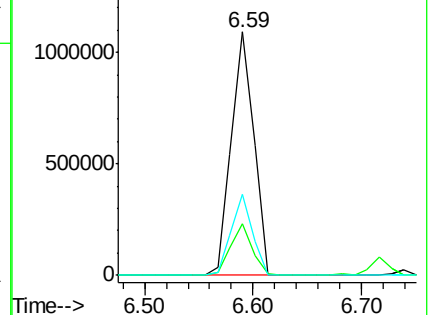
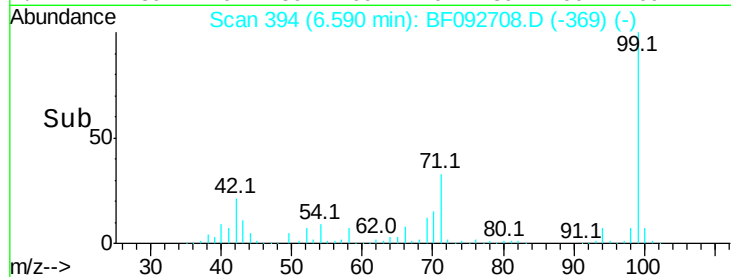
71 33.2 27.5 41.3



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: 44.18 ng

RT: 6.74 min Scan# 407

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

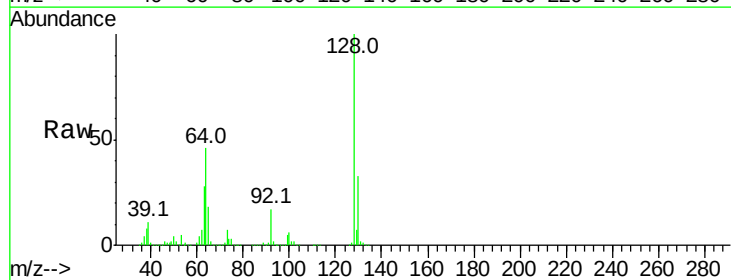
Tgt Ion:128 Resp: 475569

Ion Ratio Lower Upper

128 100

130 33.2 12.3 52.3

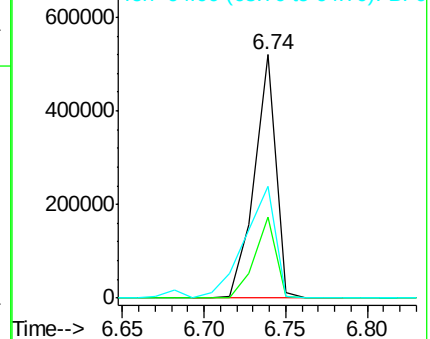
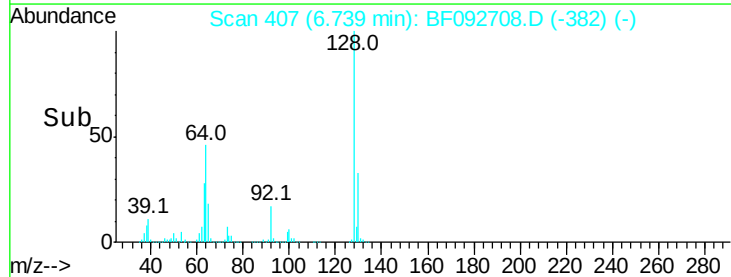
64 46.1 32.2 72.2

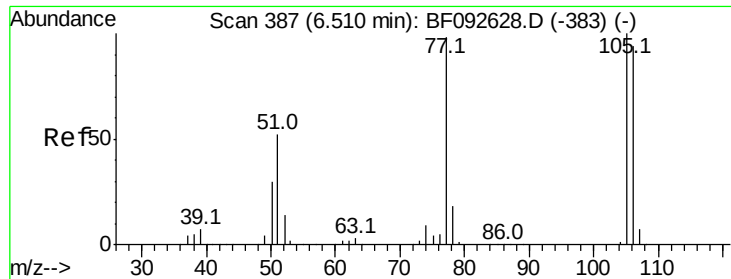


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.95 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SS-2MS

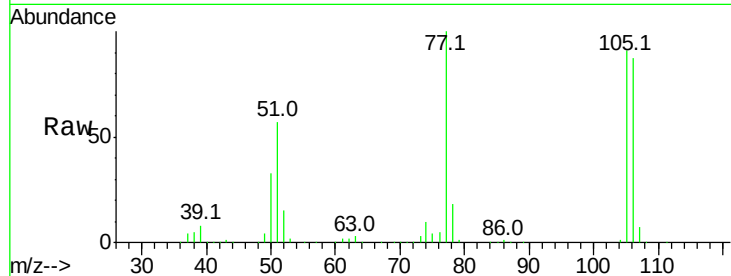
Tot Ion: 77 Resp: 323307

Ion Ratio Lower Upper

77 100

105 91.4 83.9 123.9

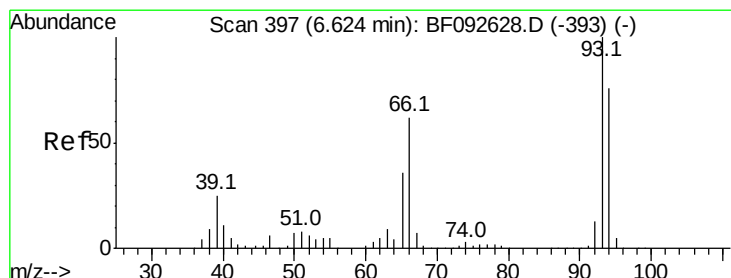
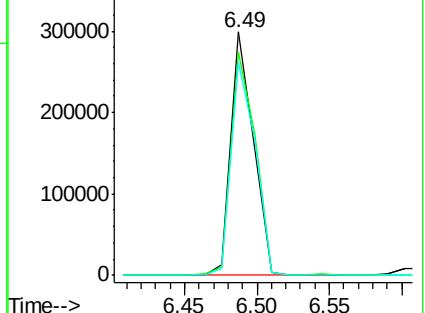
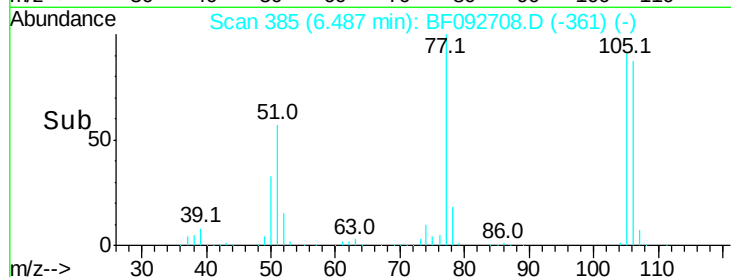
106 87.3 77.6 117.6



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: 39.80 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

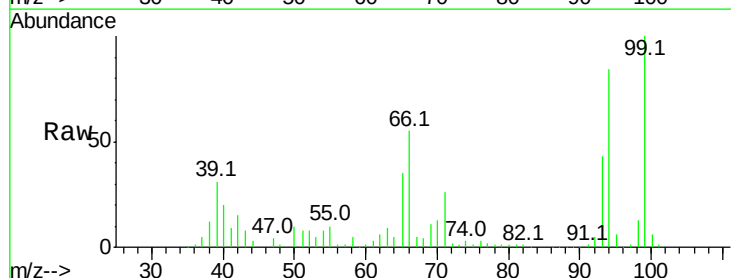
Tgt Ion: 94 Resp: 584543

Ion Ratio Lower Upper

94 100

65 41.4 21.4 61.4

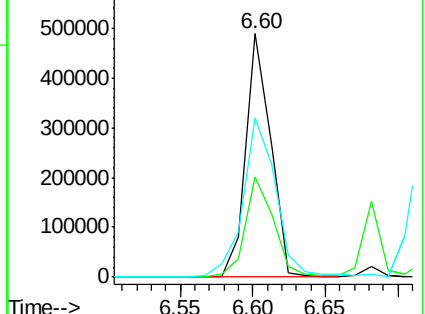
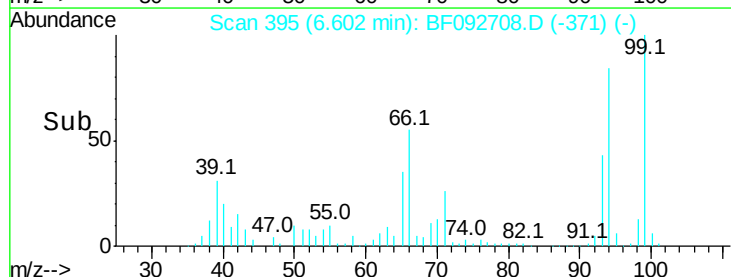
66 65.6 44.0 84.0

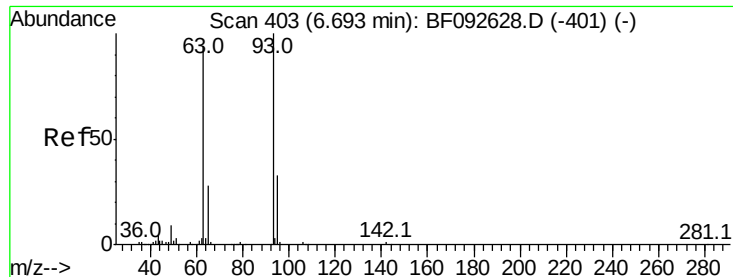


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

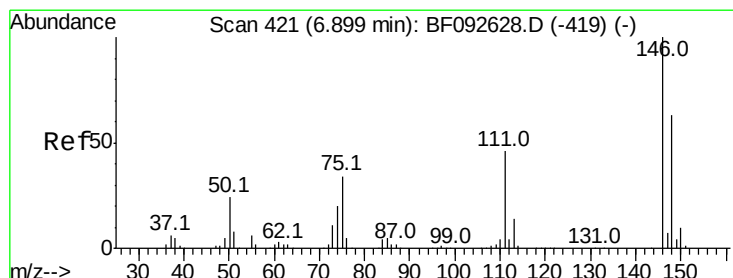
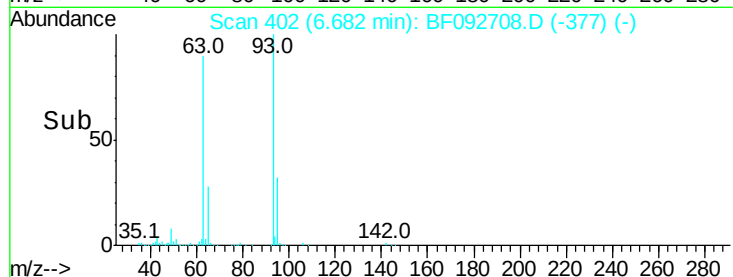
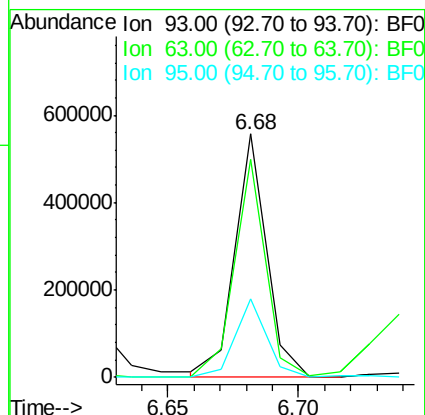
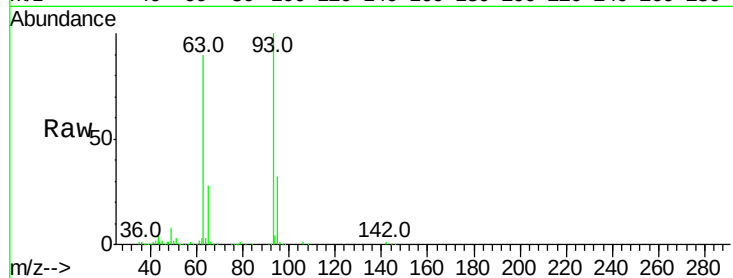




#11
bis(2-Chloroethyl)ether
Concen: 40.26 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF092708.D
Acq: 1 Feb 2017 17:03

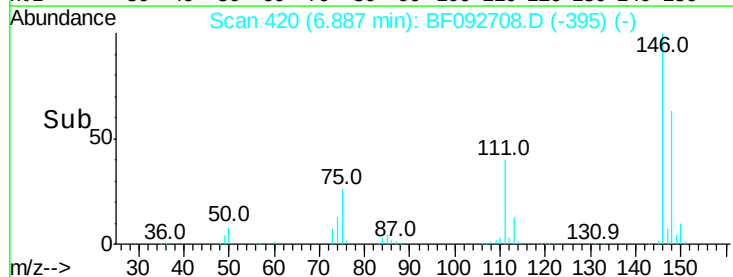
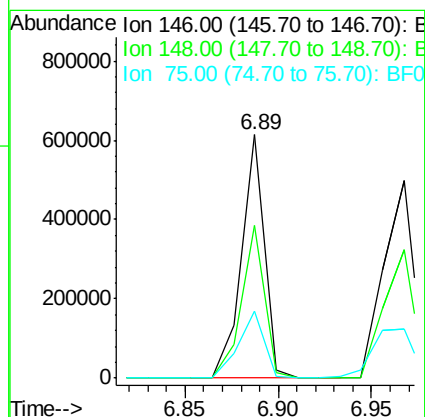
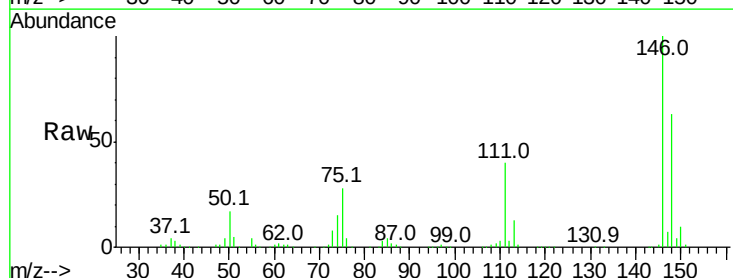
Instrument :
BNA_F
ClientSampleId :
SS-2MS

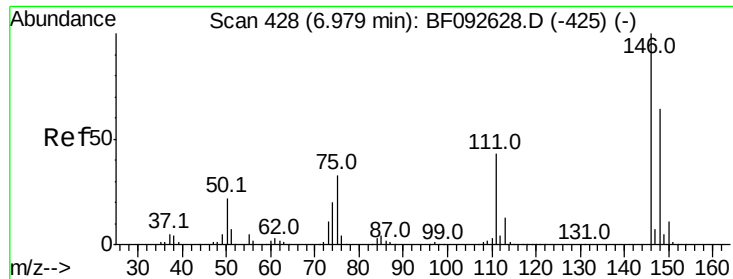
Tot Ion: 93 Resp: 472031
Ion Ratio Lower Upper
93 100
63 89.5 60.4 100.4
95 32.3 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 41.97 ng
RT: 6.89 min Scan# 420
Delta R.T. -0.01 min
Lab File: BF092708.D
Acq: 1 Feb 2017 17:03

Tgt Ion: 146 Resp: 529072
Ion Ratio Lower Upper
146 100
148 62.9 53.4 80.0
75 27.6 18.5 27.7

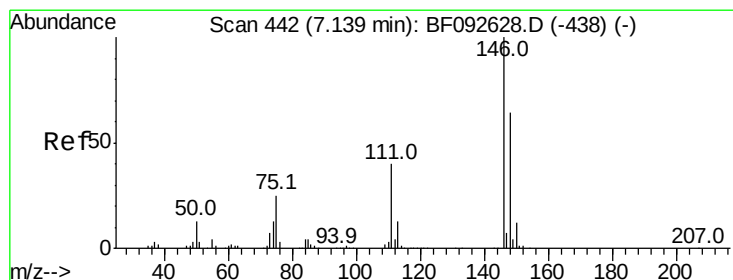
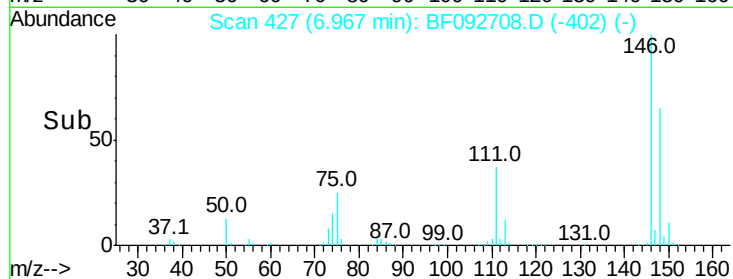
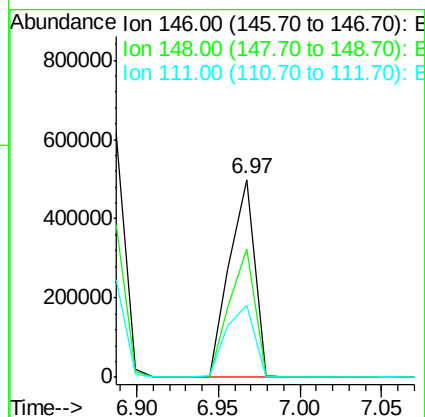
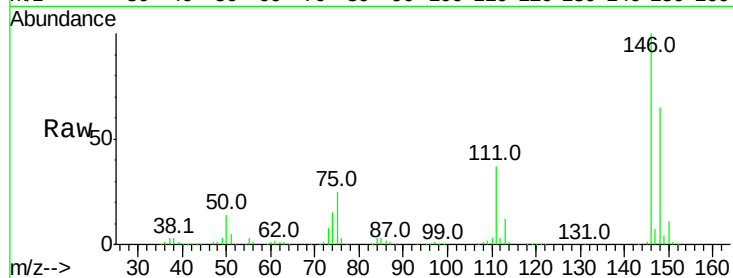




#13
 1,4-Dichlorobenzene
 Concen: 42.02 ng
 RT: 6.97 min Scan# 427
 Delta R.T. -0.01 min
 Lab File: BF092708.D
 Acq: 1 Feb 2017 17:03

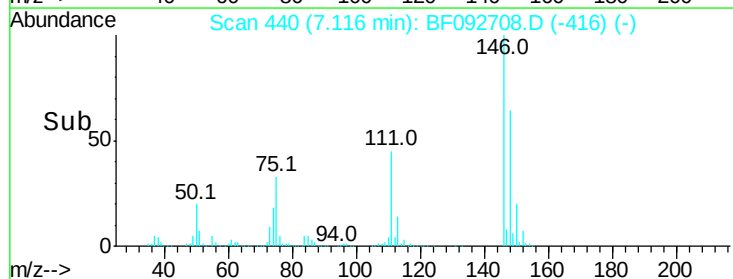
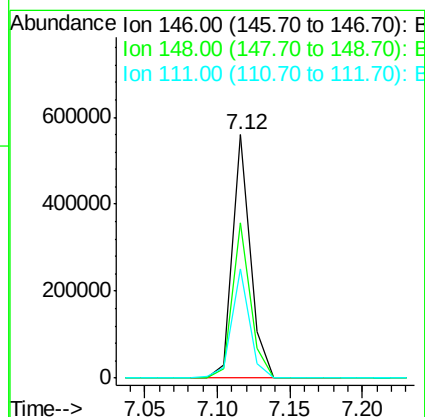
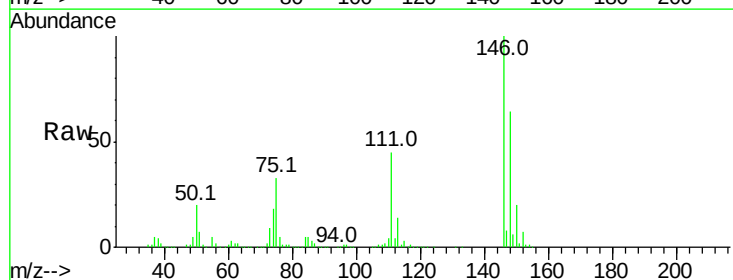
Instrument :
 BNA_F
 ClientSampleId :
 SS-2MS

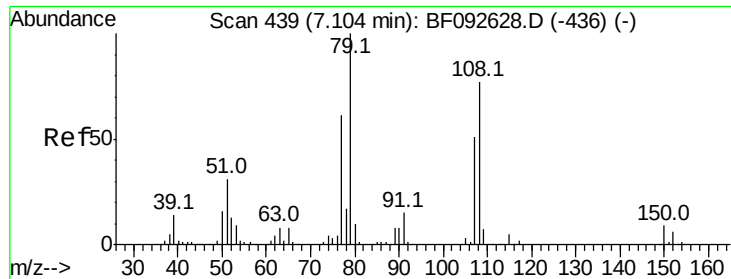
Tot Ion:146 Resp: 536242
 Ion Ratio Lower Upper
 146 100
 148 64.8 50.6 76.0
 111 36.6 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 39.33 ng
 RT: 7.12 min Scan# 440
 Delta R.T. -0.02 min
 Lab File: BF092708.D
 Acq: 1 Feb 2017 17:03

Tgt Ion:146 Resp: 479829
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 45.0 36.2 54.2

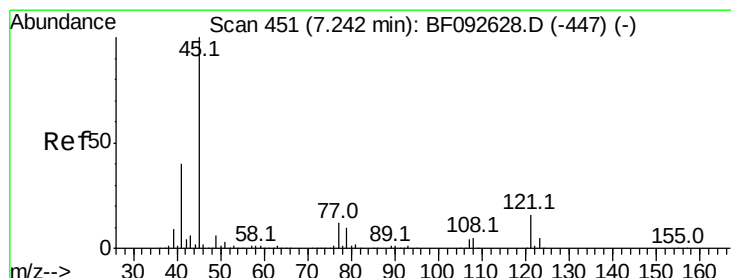
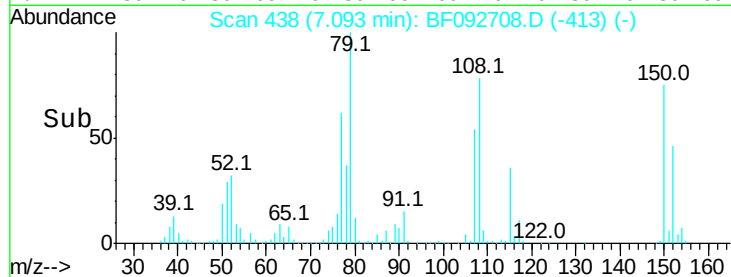
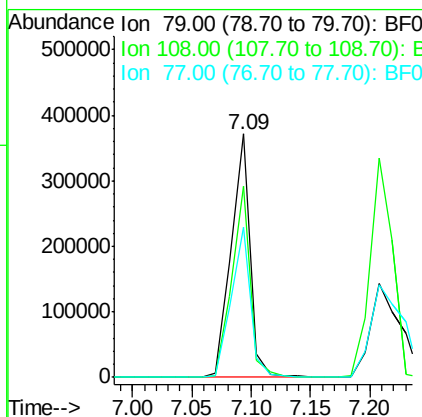
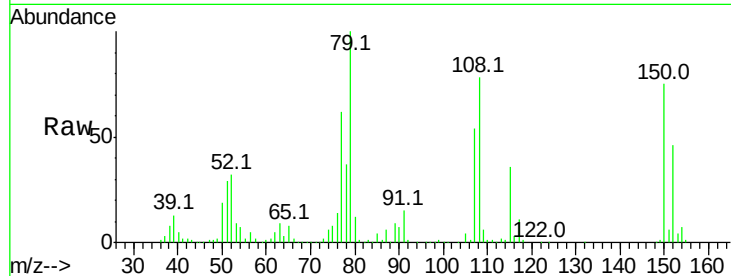




#15
Benzyl Alcohol
Concen: 44.40 ng
RT: 7.09 min Scan# 438
Delta R.T. -0.01 min
Lab File: BF092708.D
Acq: 1 Feb 2017 17:03

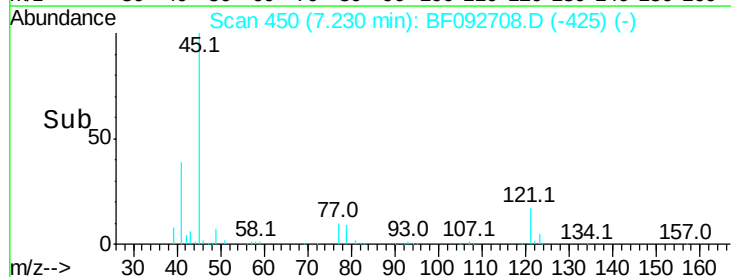
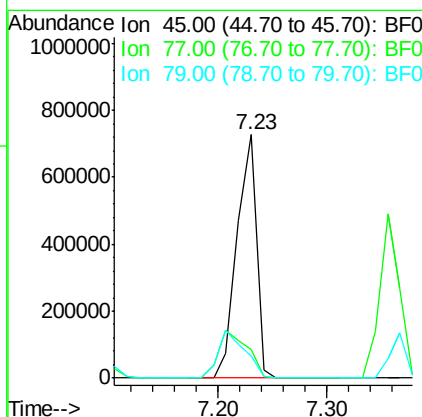
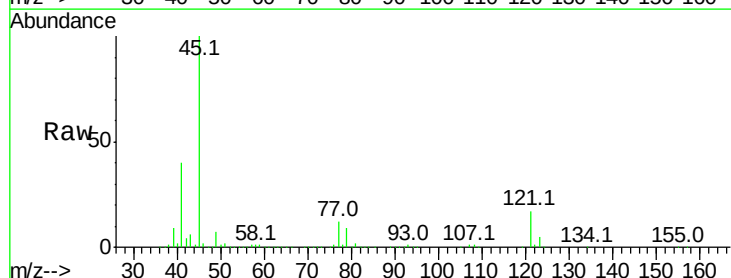
Instrument :
BNA_F
ClientSampled :
SS-2MS

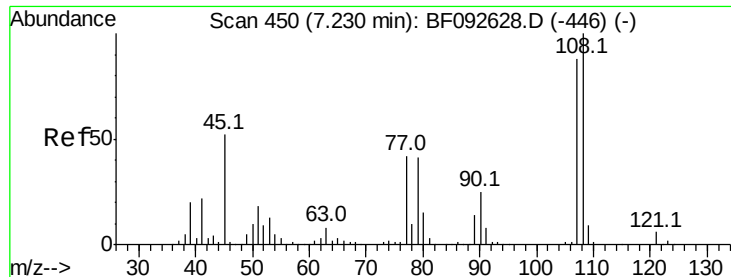
Tot Ion: 79 Resp: 412670
Ion Ratio Lower Upper
79 100
108 78.5 61.4 92.0
77 61.7 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.86 ng
RT: 7.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF092708.D
Acq: 1 Feb 2017 17:03

Tgt Ion: 45 Resp: 893270
Ion Ratio Lower Upper
45 100
77 11.5 0.0 34.6
79 9.3 0.0 31.2





#17

2-Methylphenol

Concen: 41.38 ng

RT: 7.21 min Scan# 448

Delta R.T. -0.02 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SS-2MS

Tot Ion:107 Resp: 382076

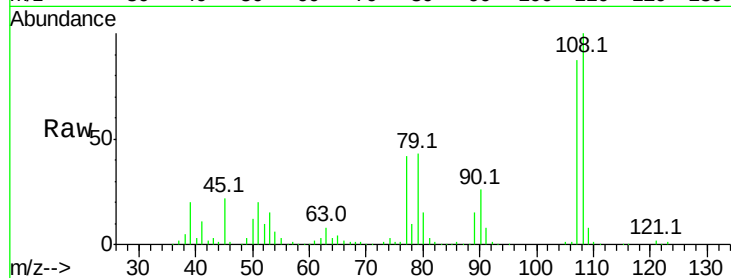
Ion Ratio Lower Upper

107 100

108 115.0 93.0 139.6

77 48.7 39.8 59.8

79 48.9 38.0 57.0

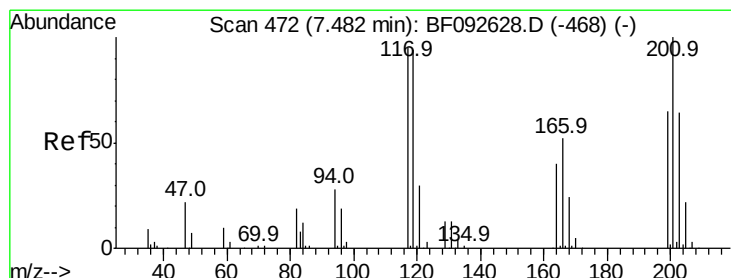
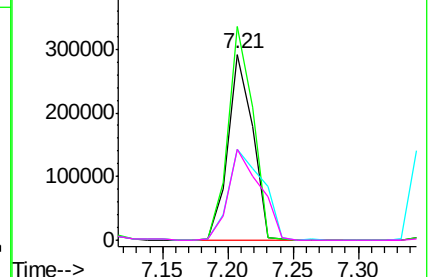
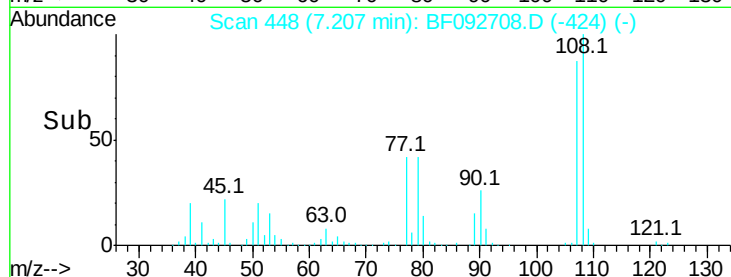


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.50 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

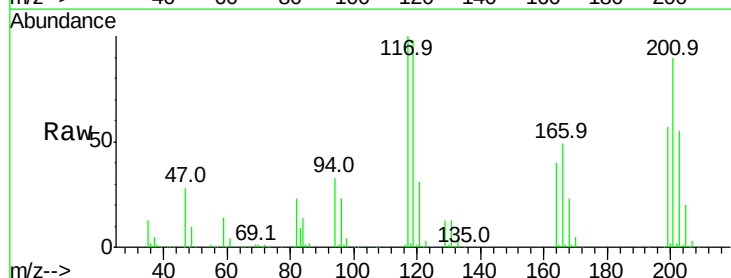
Tgt Ion:117 Resp: 176433

Ion Ratio Lower Upper

117 100

119 97.8 78.1 117.1

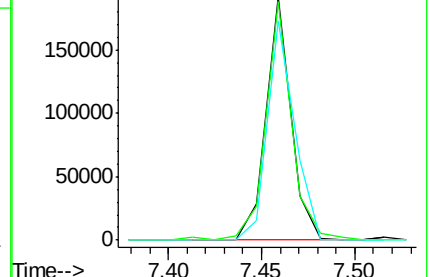
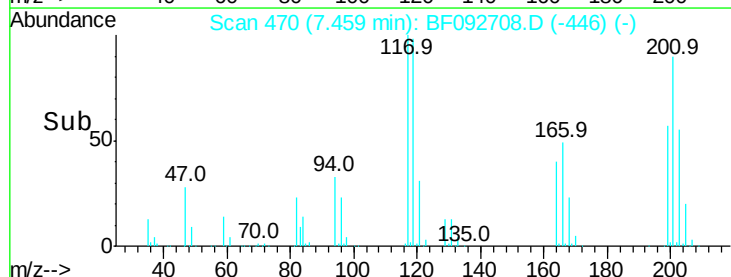
201 90.3 78.6 117.8

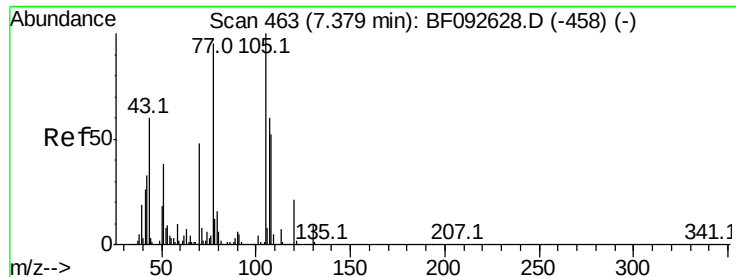


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

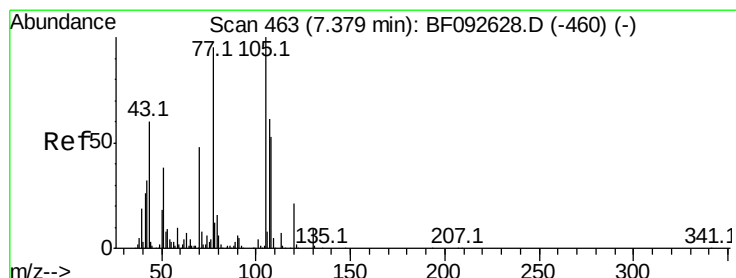
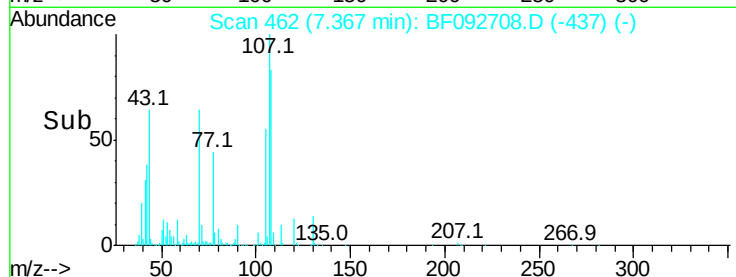
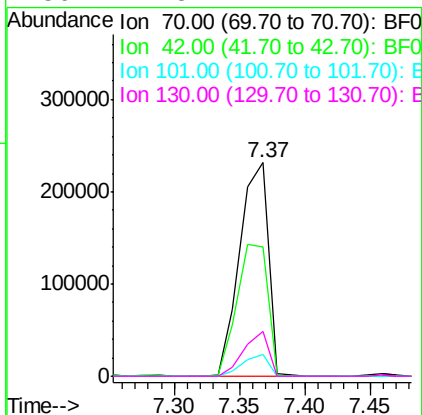
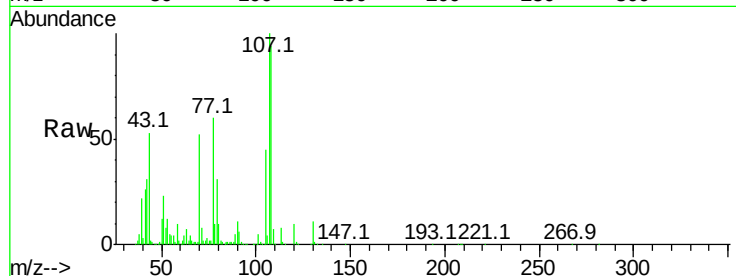




#19
n-Nitroso-di-n-propylamine
Concen: 44.17 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF092708.D
Acq: 1 Feb 2017 17:03

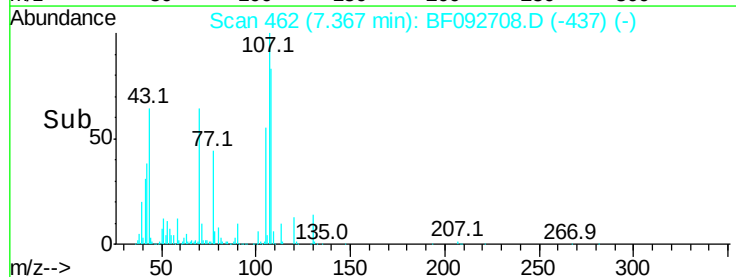
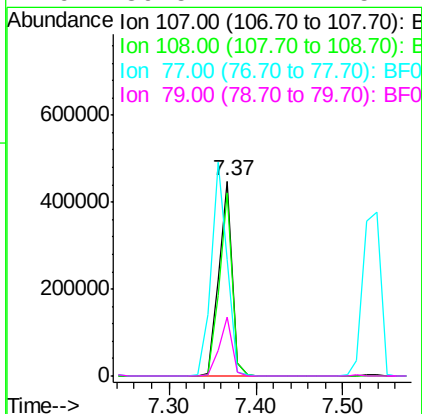
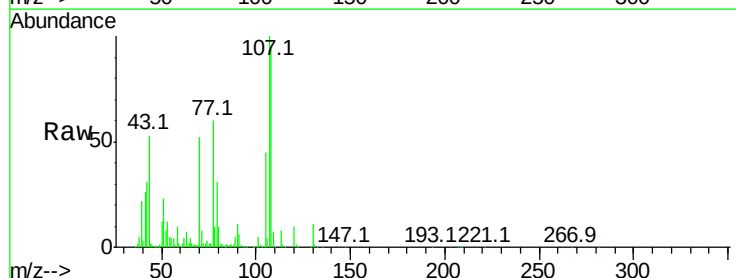
Instrument :
BNA_F
ClientSampleId :
SS-2MS

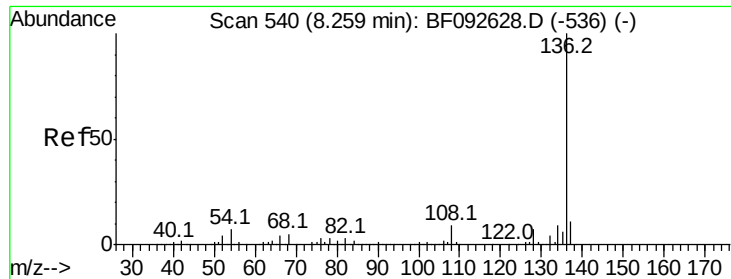
Tot Ion:	70	Resp:	353003
Ion	Ratio	Lower	Upper
70	100		
42	60.5	49.4	74.0
101	9.9	7.4	11.2
130	21.3	14.2	21.4



#20
3+4-Methylphenols
Concen: 44.09 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF092708.D
Acq: 1 Feb 2017 17:03

Tgt Ion:	107	Resp:	486785
Ion	Ratio	Lower	Upper
107	100		
108	94.2	73.0	113.0
77	59.7	71.3	111.3#
79	30.5	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: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SS-2MS

Tot Ion:136 Resp: 675371

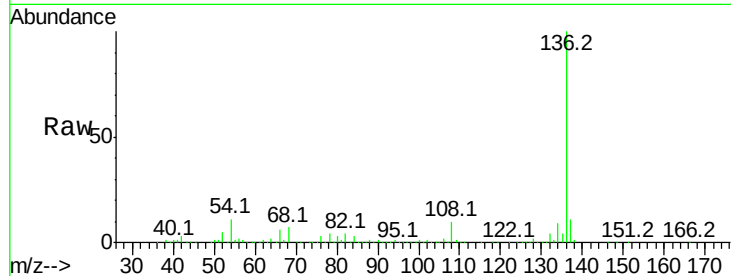
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 10.7 4.5 6.7#

68 7.4 3.6 5.4#

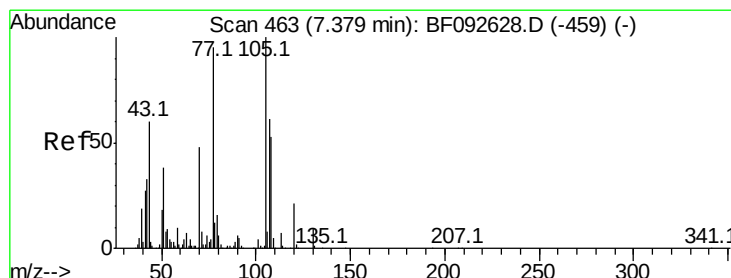
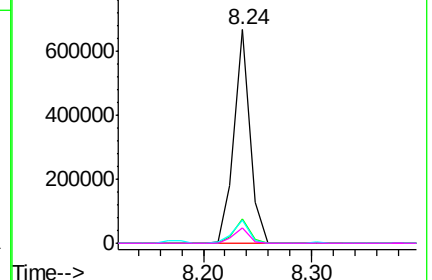
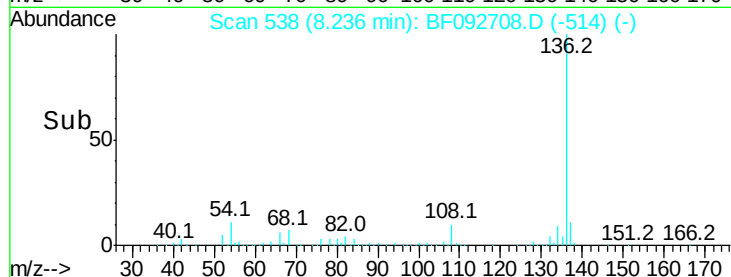


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 40.33 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.02 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

Tgt Ion:105 Resp: 621824

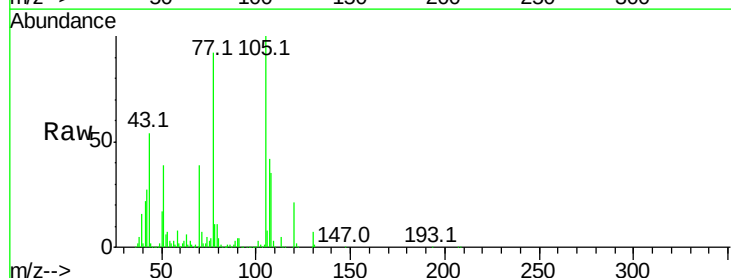
Ion Ratio Lower Upper

105 100

71 6.8 3.2 4.8#

51 38.8 26.2 39.4

120 21.2 16.6 24.8

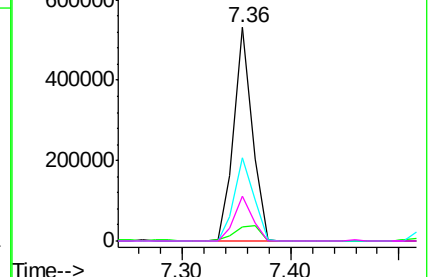
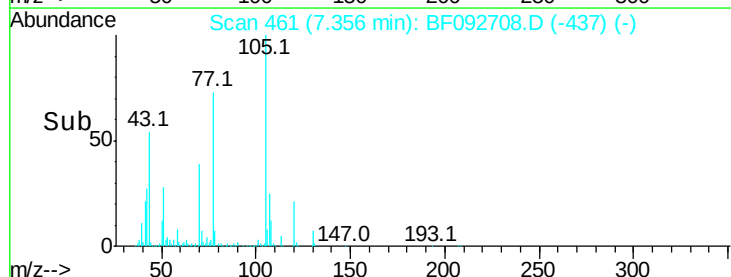


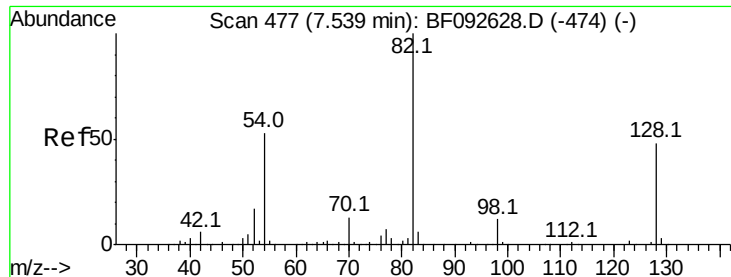
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

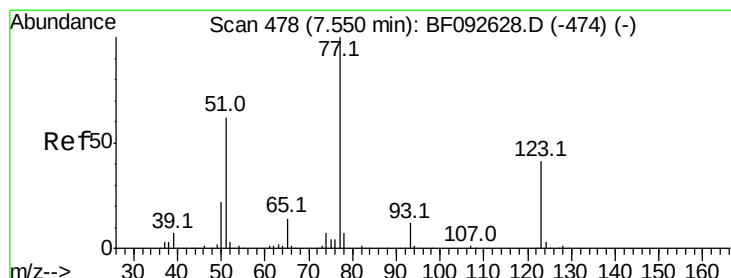
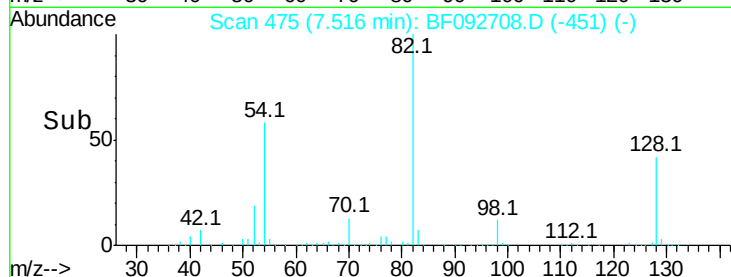
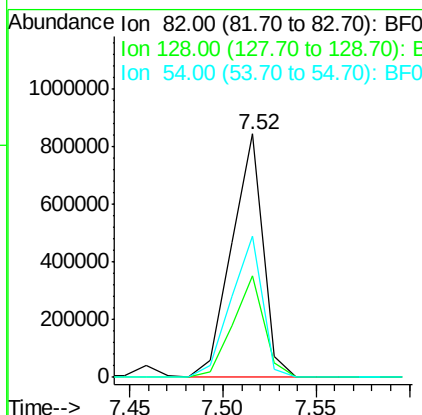
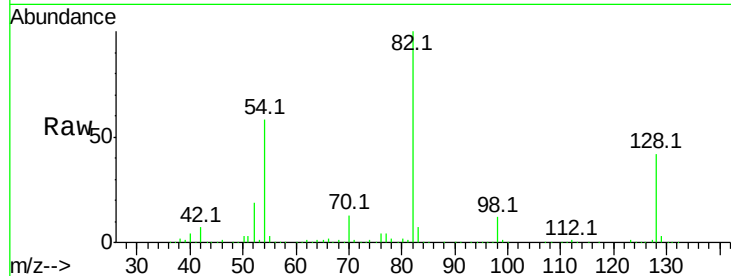




#23
Nitrobenzene-d5
Concen: 81.57 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF092708.D
Acq: 1 Feb 2017 17:03

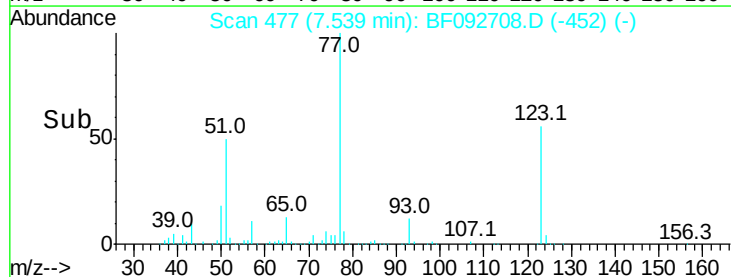
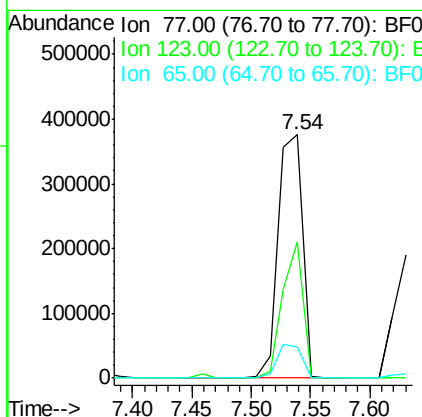
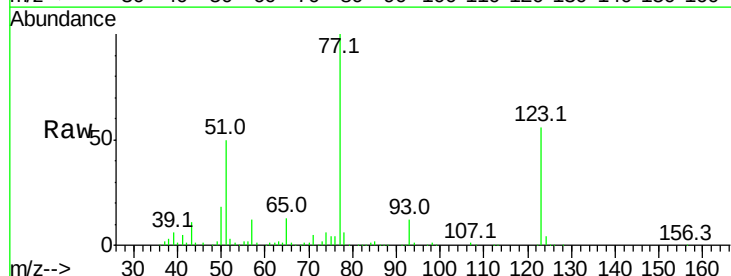
Instrument :
BNA_F
ClientSampleId :
SS-2MS

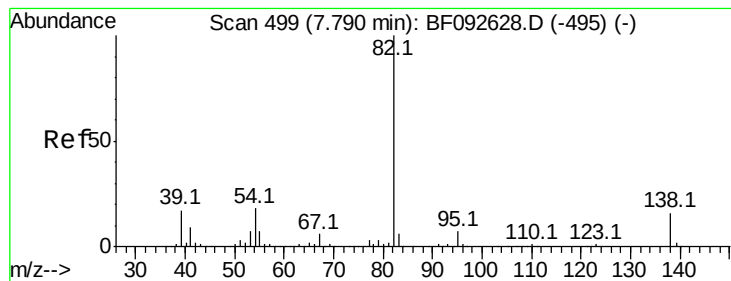
Tot Ion: 82 Resp: 989253
Ion Ratio Lower Upper
82 100
128 41.9 34.6 52.0
54 58.0 39.5 59.3



#24
Nitrobenzene
Concen: 42.36 ng
RT: 7.54 min Scan# 477
Delta R.T. -0.01 min
Lab File: BF092708.D
Acq: 1 Feb 2017 17:03

Tgt Ion: 77 Resp: 527562
Ion Ratio Lower Upper
77 100
123 55.8 33.0 49.4#
65 12.6 11.2 16.8





#25

Isophorone

Concen: 42.39 ng

RT: 7.77 min Scan# 497

Delta R.T. -0.02 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SS-2MS

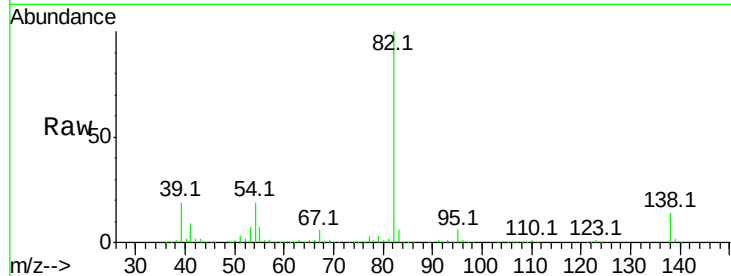
Tot Ion: 82 Resp: 958033

Ion Ratio Lower Upper

82 100

95 6.3 5.6 8.4

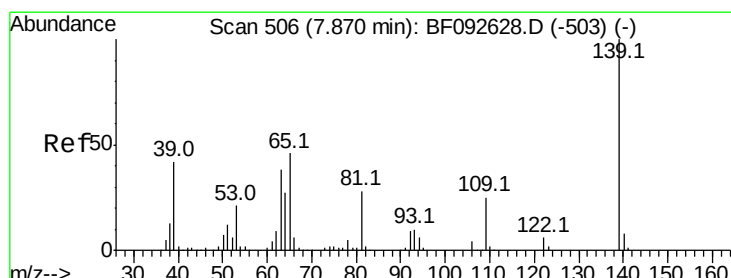
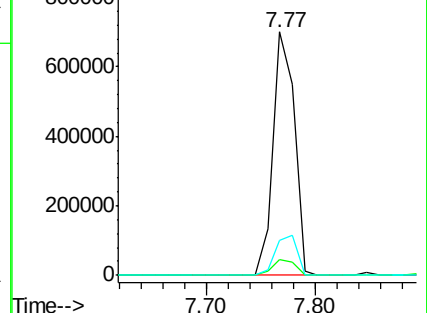
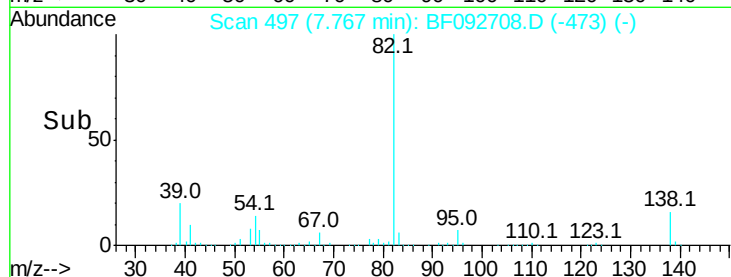
138 14.5 14.6 22.0#



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: 42.11 ng

RT: 7.85 min Scan# 504

Delta R.T. -0.02 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

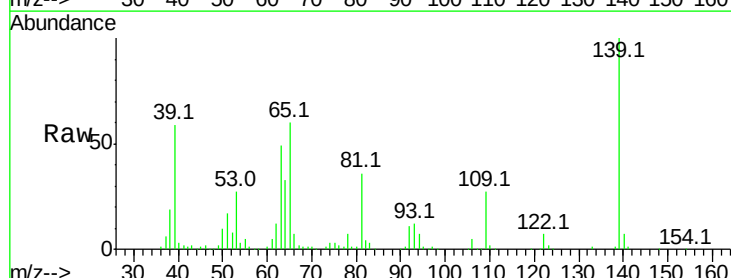
Tgt Ion: 139 Resp: 249264

Ion Ratio Lower Upper

139 100

109 26.9 23.3 34.9

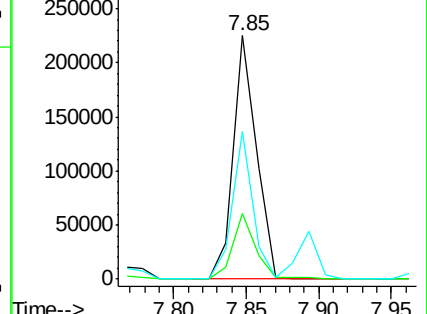
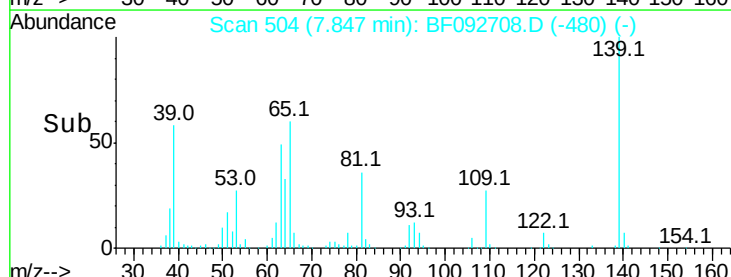
65 60.4 42.7 64.1

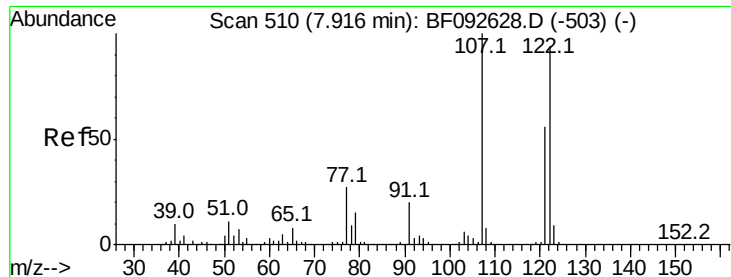


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 41.27 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.02 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SS-2MS

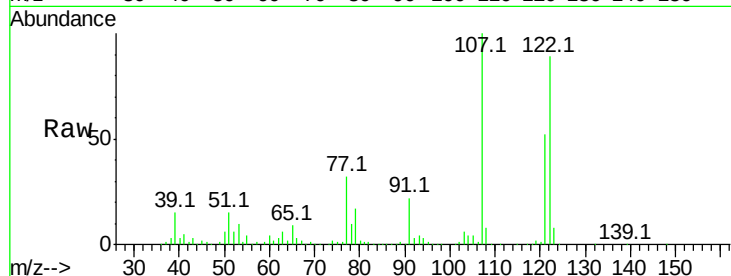
Tot Ion:122 Resp: 429047

Ion Ratio Lower Upper

122 100

107 112.8 94.1 141.1

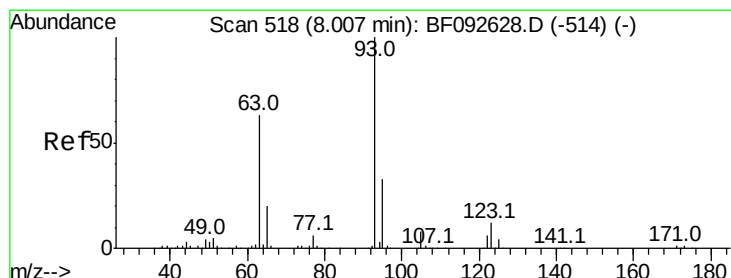
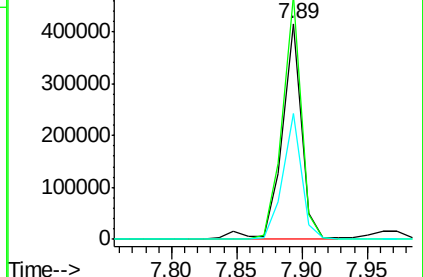
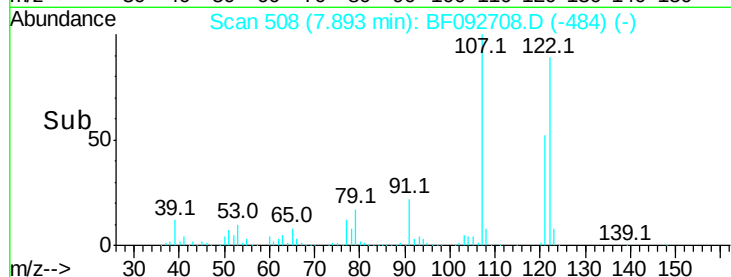
121 58.2 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.99 ng

RT: 7.98 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

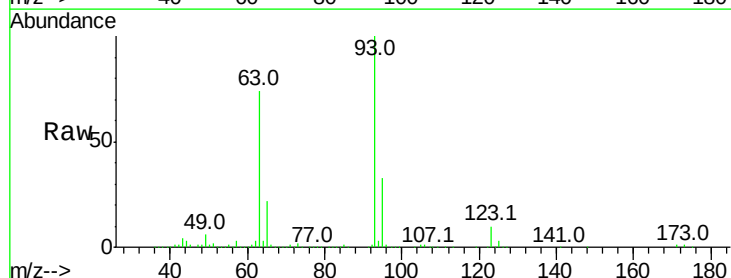
Tgt Ion: 93 Resp: 613489

Ion Ratio Lower Upper

93 100

95 32.7 26.5 39.7

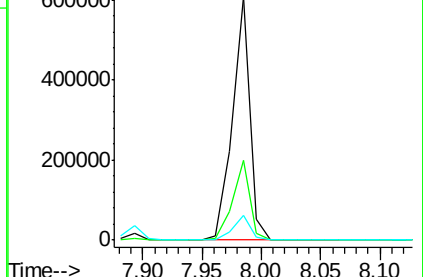
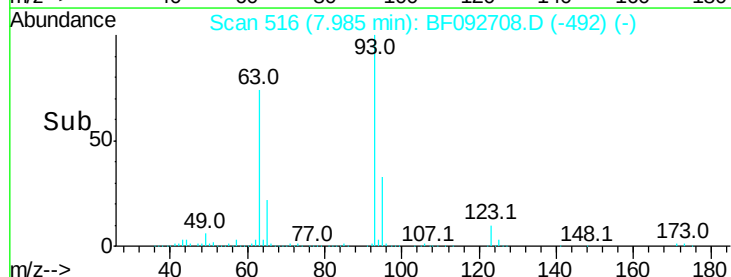
123 10.0 8.6 13.0

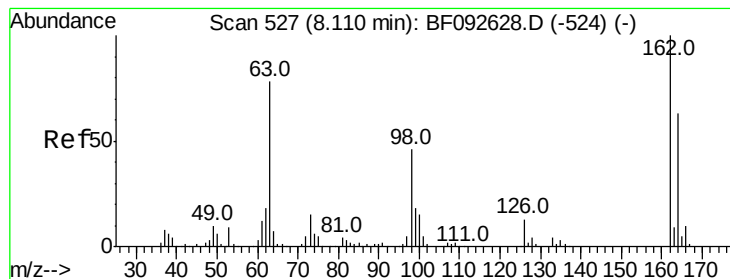


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 43.02 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SS-2MS

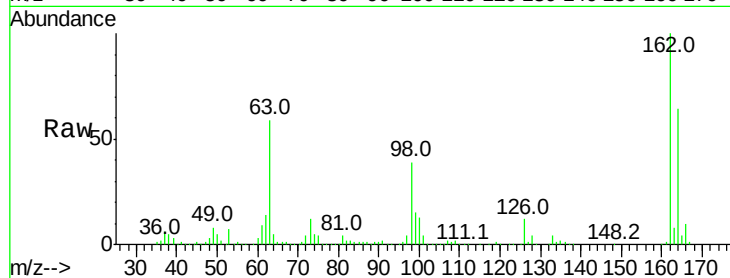
Tot Ion:162 Resp: 417152

Ion Ratio Lower Upper

162 100

164 64.2 46.8 86.8

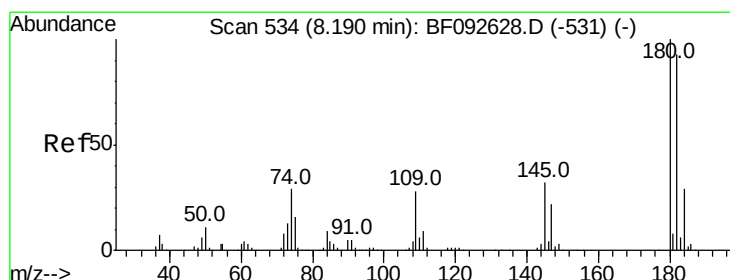
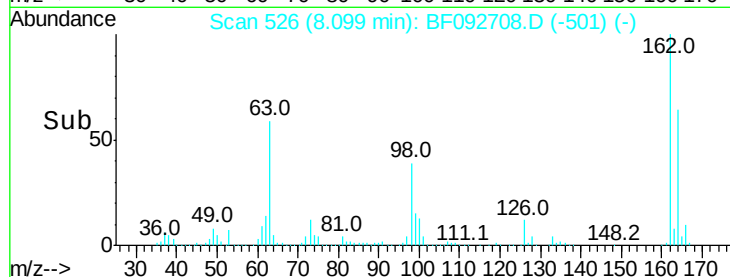
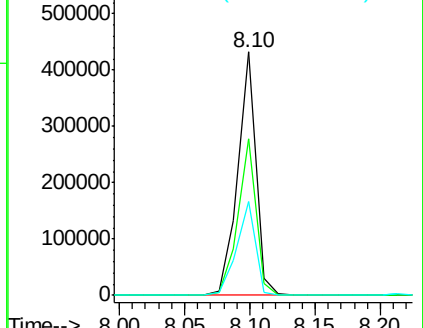
98 38.6 9.1 49.1



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: 41.17 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

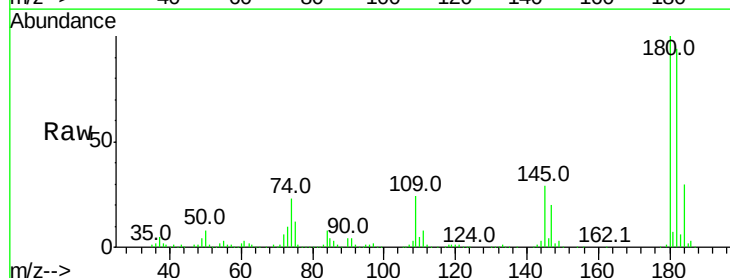
Tgt Ion:180 Resp: 430148

Ion Ratio Lower Upper

180 100

182 94.4 78.2 117.4

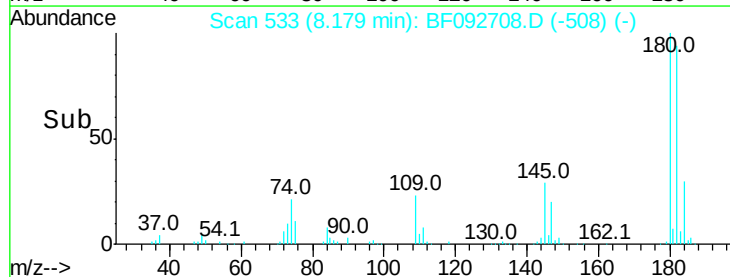
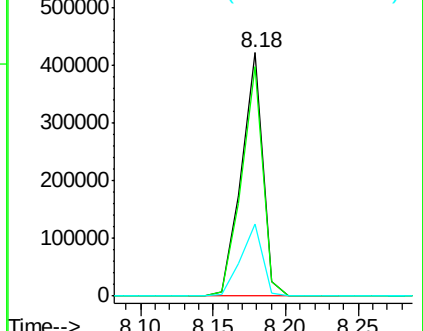
145 29.4 21.6 32.4

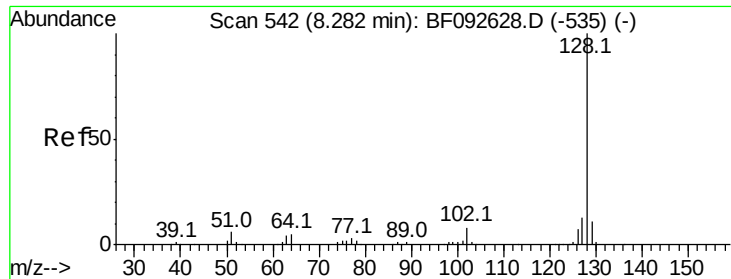


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

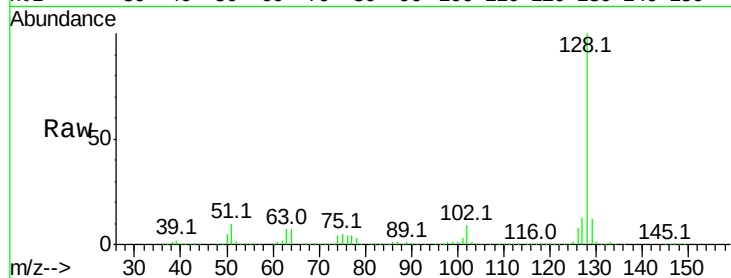




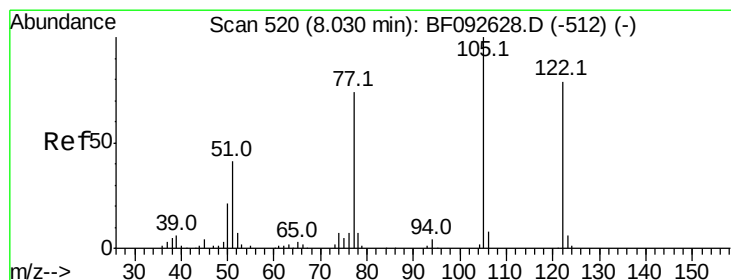
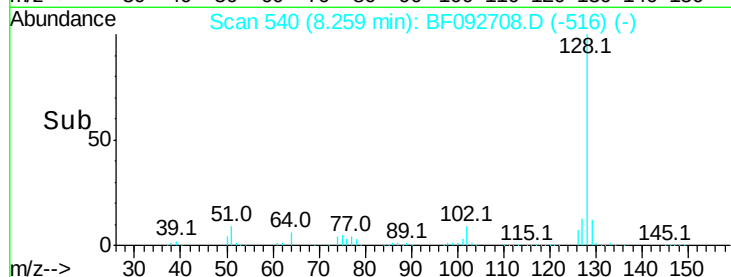
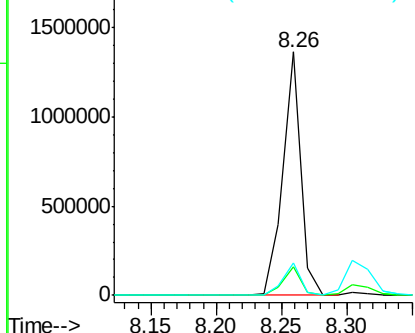
#31
Naphthalene
Concen: 38.88 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.02 min
Lab File: BF092708.D
Acq: 1 Feb 2017 17:03

Instrument :
BNA_F
ClientSampleId :
SS-2MS

Tot Ion:128 Resp: 1330975
Ion Ratio Lower Upper
128 100
129 11.6 9.5 14.3
127 13.5 10.8 16.2

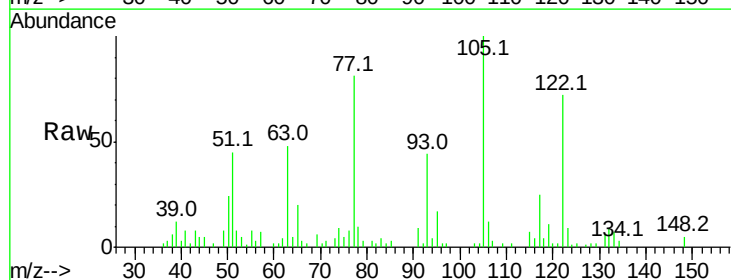


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

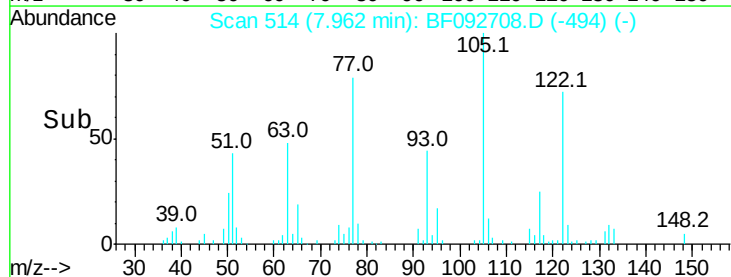
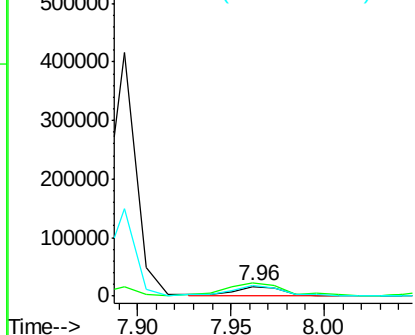


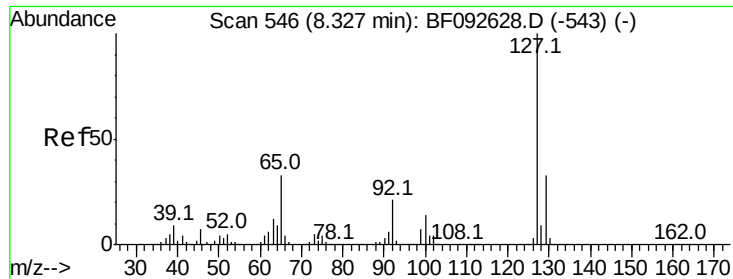
#32
Benzoic acid
Concen: 11.23 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.07 min
Lab File: BF092708.D
Acq: 1 Feb 2017 17:03

Tgt Ion:122 Resp: 28170
Ion Ratio Lower Upper
122 100
105 138.7 107.2 147.2
77 112.4 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

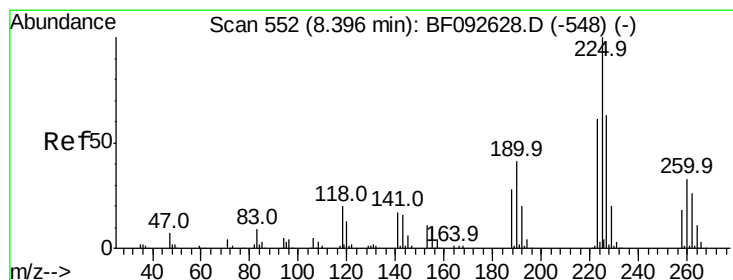
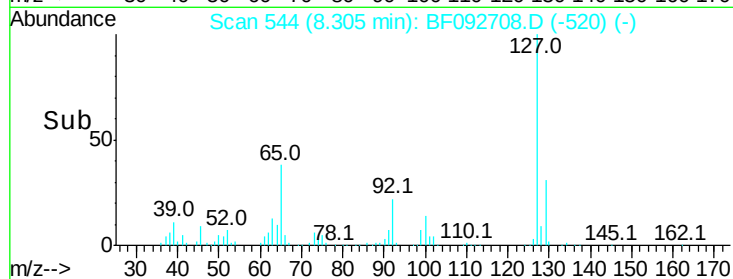
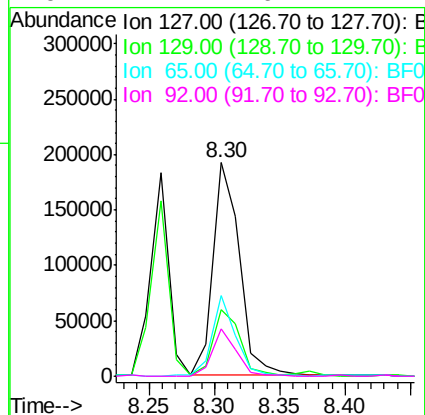
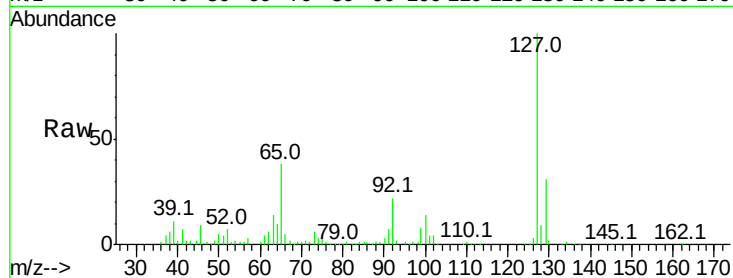




#33
4-Chloroaniline
Concen: 20.25 ng
RT: 8.30 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF092708.D
Acq: 1 Feb 2017 17:03

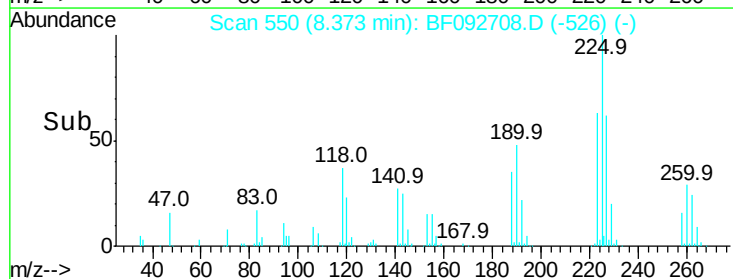
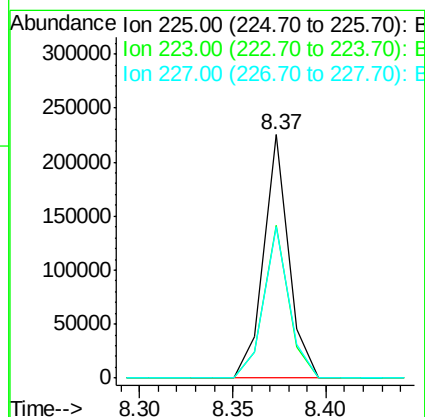
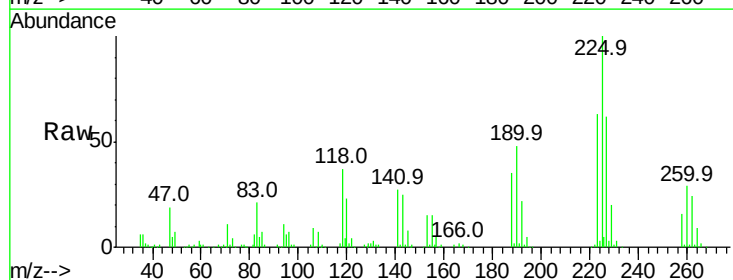
Instrument :
BNA_F
ClientSampleId :
SS-2MS

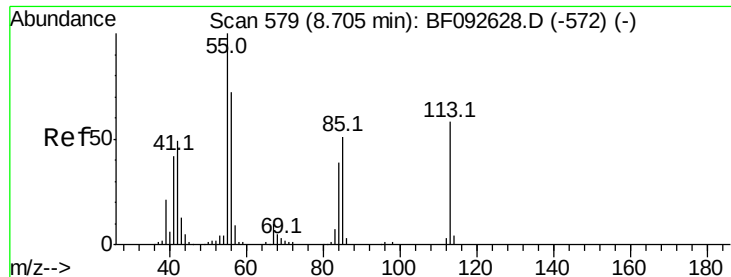
Tot Ion:	127	Resp:	271887
Ion	Ratio	Lower	Upper
127	100		
129	31.2	26.3	39.5
65	37.9	25.8	38.8
92	22.2	16.1	24.1



#34
Hexachlorobutadiene
Concen: 37.05 ng
RT: 8.37 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF092708.D
Acq: 1 Feb 2017 17:03

Tgt Ion:	225	Resp:	212964
Ion	Ratio	Lower	Upper
225	100		
223	62.7	51.0	76.6
227	62.3	50.6	76.0

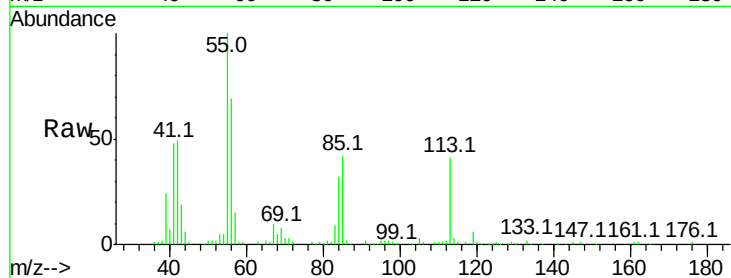




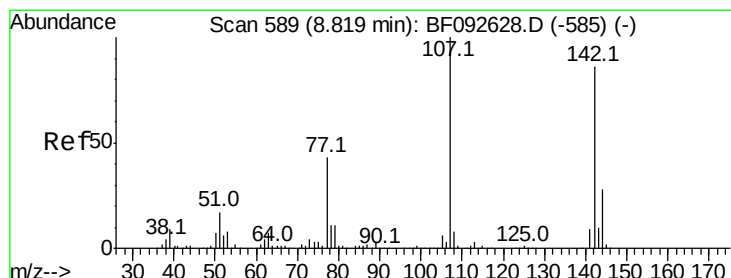
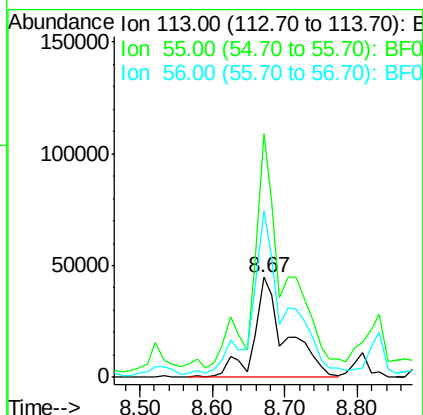
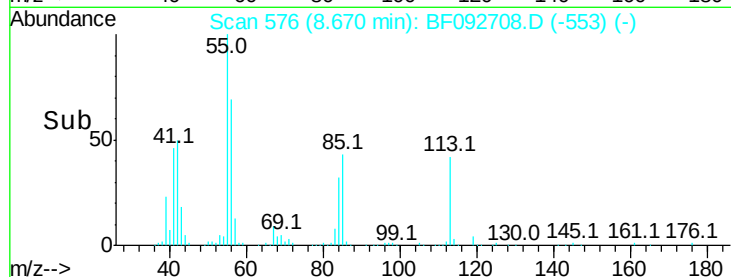
#35
 Caprolactam
 Concen: 46.18 ng
 RT: 8.67 min Scan# 576
 Delta R.T. -0.03 min
 Lab File: BF092708.D
 Acq: 1 Feb 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SS-2MS

Tot Ion:113 Resp: 140846
 Ion Ratio Lower Upper
 113 100
 55 243.2 119.2 159.2#
 56 166.8 83.8 123.8#

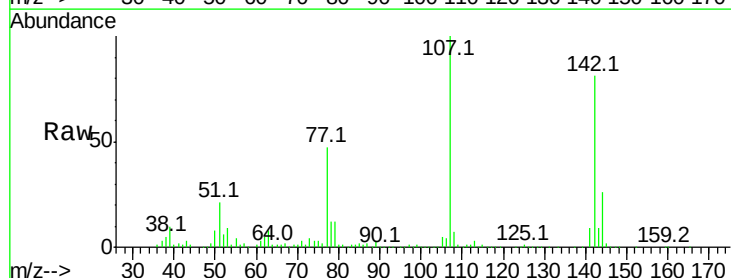


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

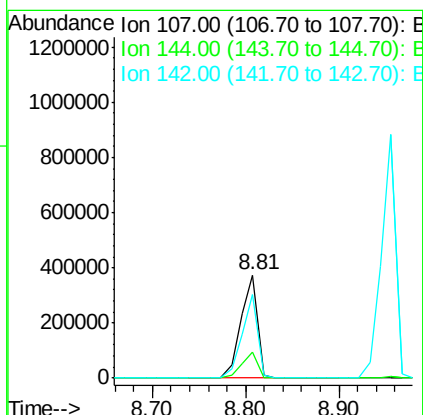
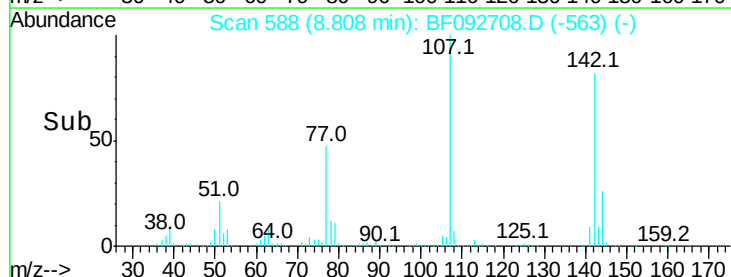


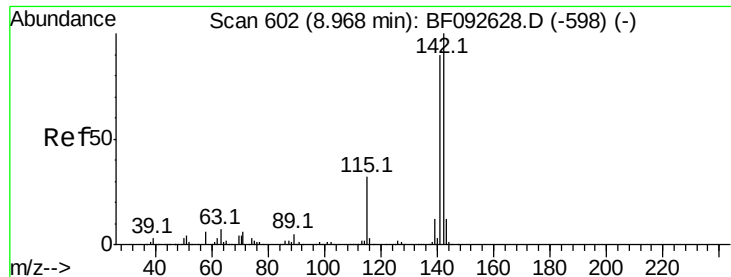
#36
 4-Chloro-3-methylphenol
 Concen: 45.60 ng
 RT: 8.81 min Scan# 588
 Delta R.T. -0.01 min
 Lab File: BF092708.D
 Acq: 1 Feb 2017 17:03

Tgt Ion:107 Resp: 460934
 Ion Ratio Lower Upper
 107 100
 144 25.9 19.3 28.9
 142 81.4 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: 42.59 ng

RT: 8.96 min Scan# 601

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SS-2MS

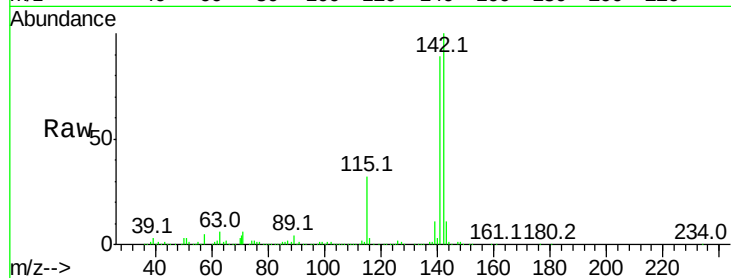
Tot Ion:142 Resp: 936221

Ion Ratio Lower Upper

142 100

141 89.1 71.0 106.6

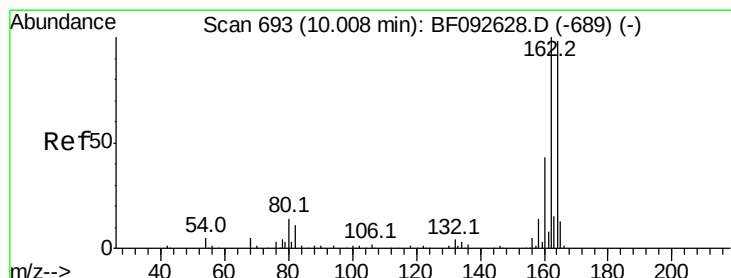
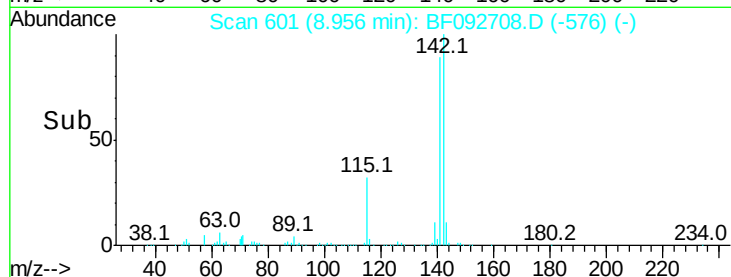
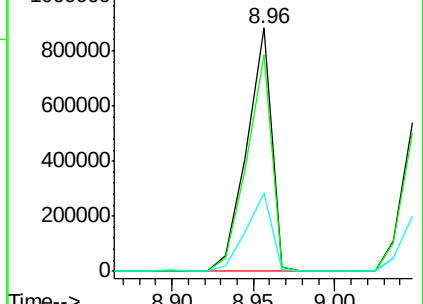
115 32.1 28.3 42.5



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: BF092708.D

Acq: 1 Feb 2017 17:03

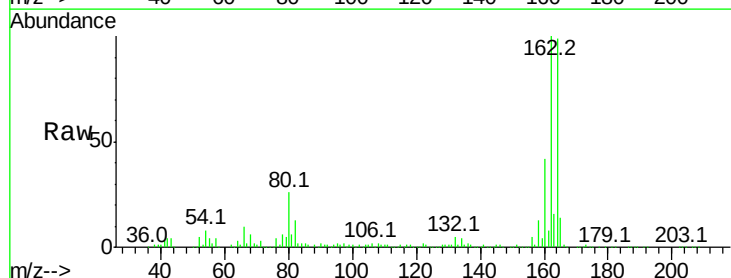
Tgt Ion:164 Resp: 350274

Ion Ratio Lower Upper

164 100

162 100.8 80.2 120.2

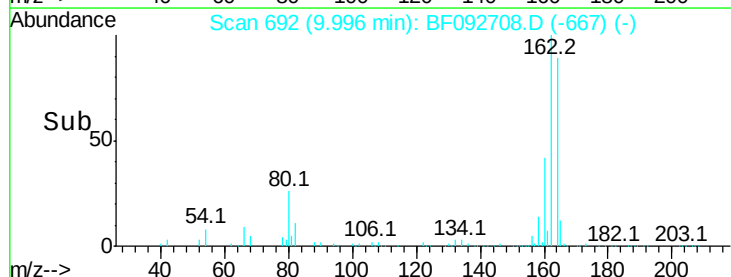
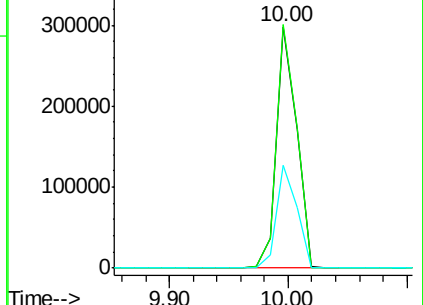
160 42.5 36.9 55.3

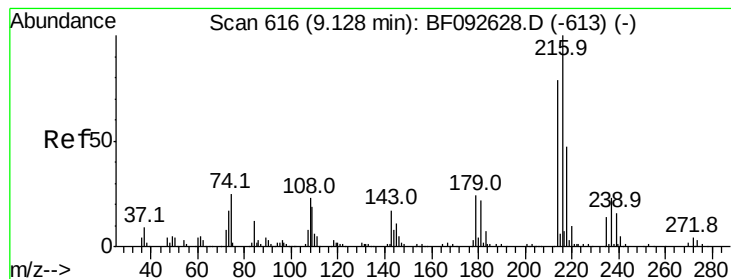


Abundance Ion 164.00 (163.70 to 164.70): E

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: 36.43 ng

RT: 9.12 min Scan# 615

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SS-2MS

Tot Ion:216 Resp: 358242

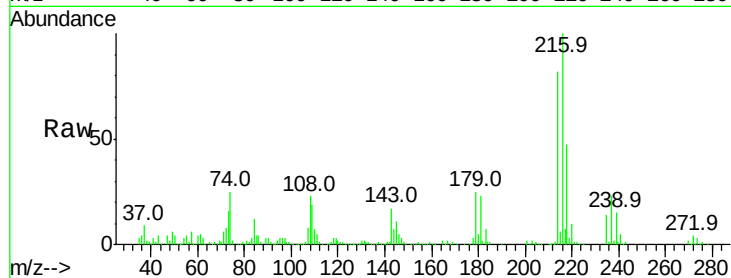
Ion Ratio Lower Upper

216 100

214 80.1 63.4 95.0

179 22.3 17.4 26.2

108 21.3 15.6 23.4

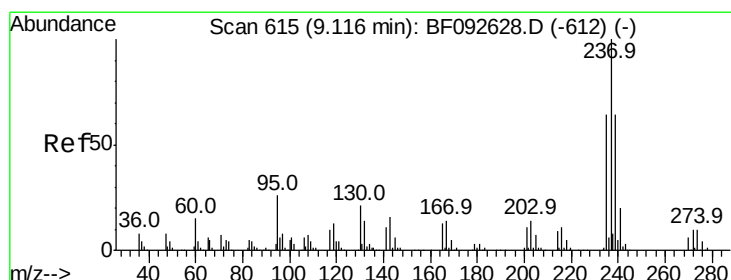
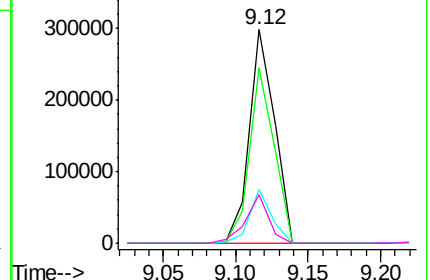
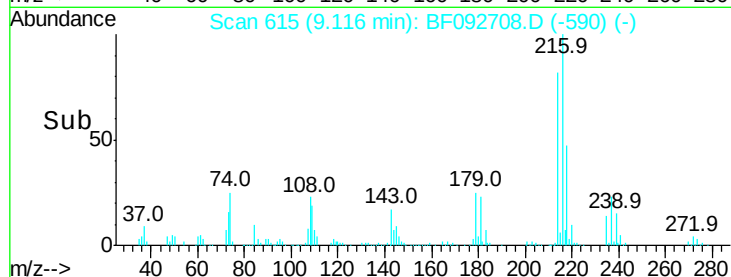


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 74.13 ng

RT: 9.10 min Scan# 614

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

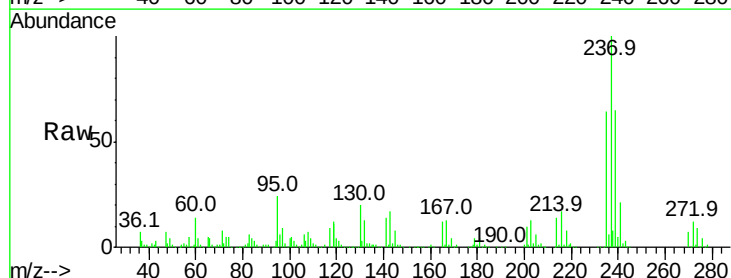
Tgt Ion:237 Resp: 328865

Ion Ratio Lower Upper

237 100

235 64.2 41.2 81.2

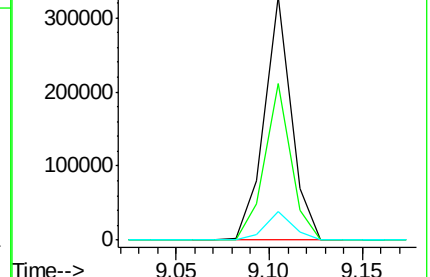
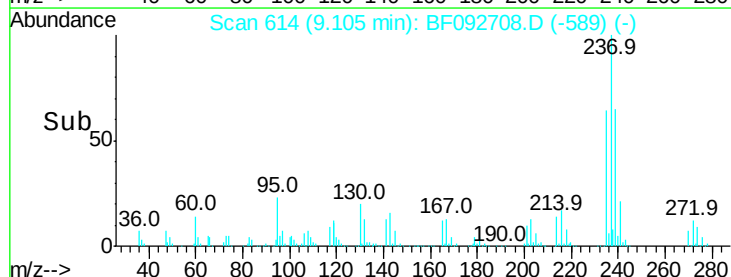
272 12.0 0.0 35.4

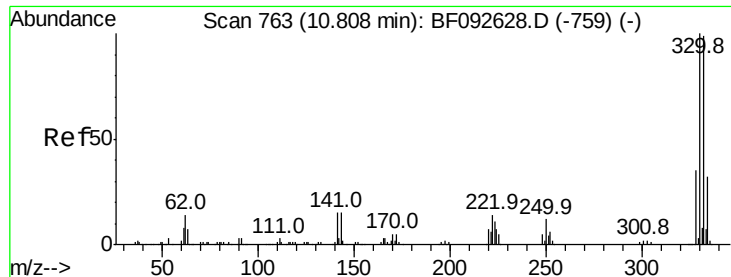


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

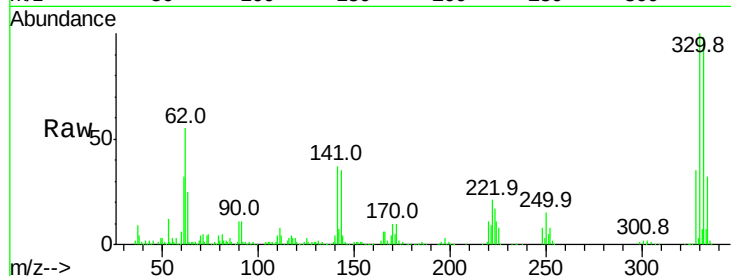




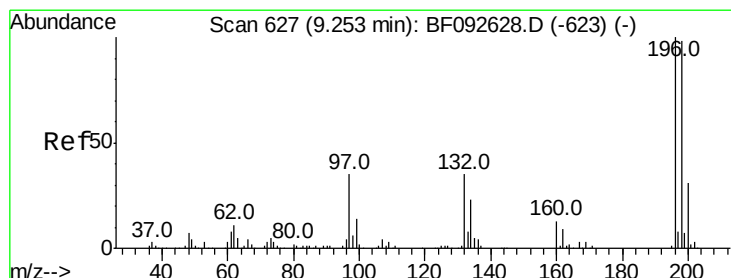
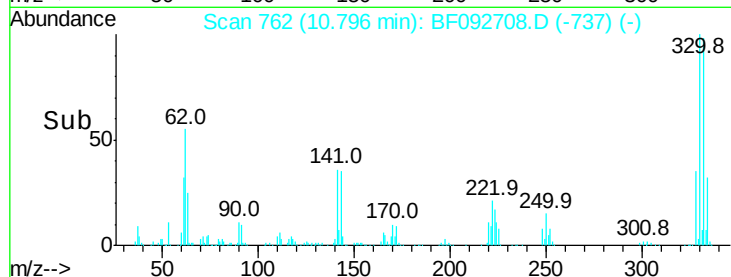
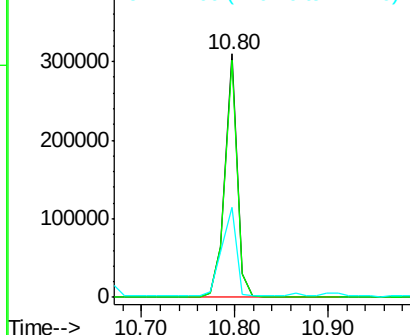
#41
 2,4,6-Tribromophenol
 Concen: 112.48 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.01 min
 Lab File: BF092708.D
 Acq: 1 Feb 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SS-2MS

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	77.4	116.2
141	43.1	34.1	51.1

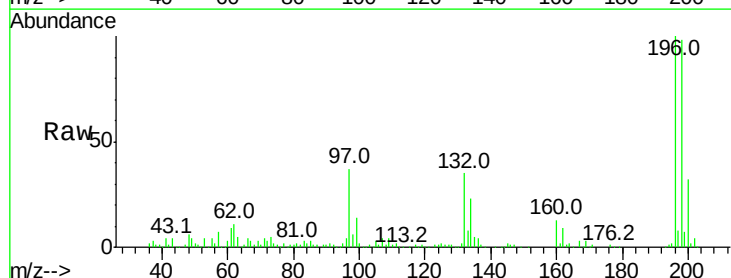


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

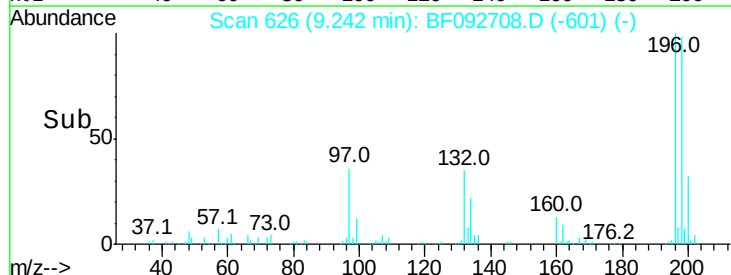
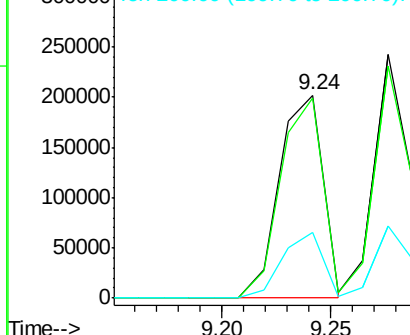


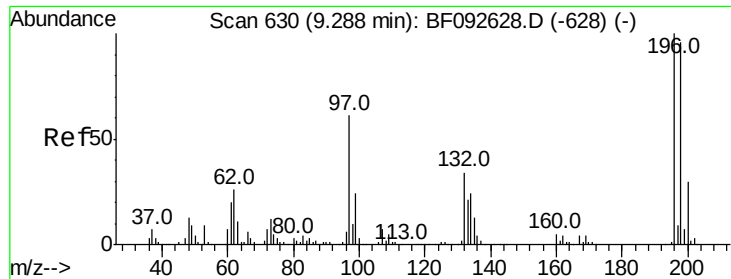
#42
 2,4,6-Trichlorophenol
 Concen: 43.87 ng
 RT: 9.24 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF092708.D
 Acq: 1 Feb 2017 17:03

Tgt Ion	Ratio	Lower	Upper
196	100		
198	98.5	82.1	123.1
200	32.2	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

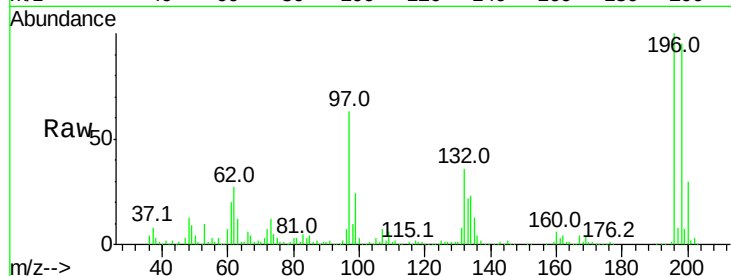




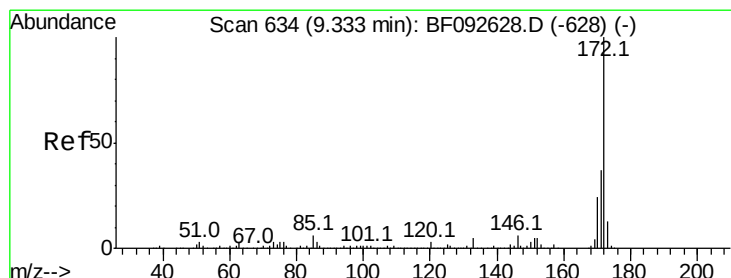
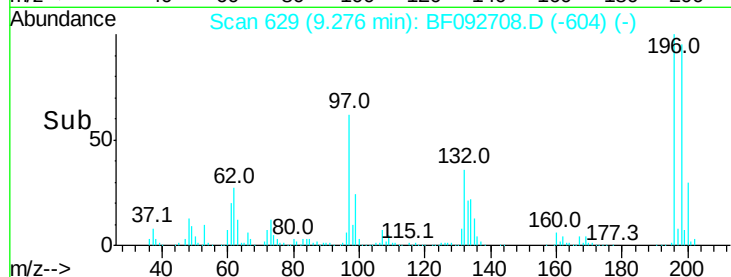
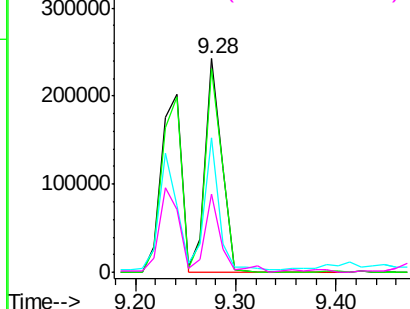
#43
 2,4,5-Trichlorophenol
 Concen: 39.33 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF092708.D
 Acq: 1 Feb 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SS-2MS

Tot Ion:196 Resp: 278449
 Ion Ratio Lower Upper
 196 100
 198 95.3 79.4 119.2
 97 63.0 51.5 77.3
 132 36.3 27.4 41.2

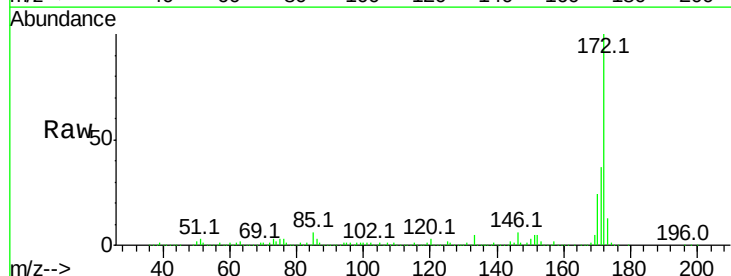


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

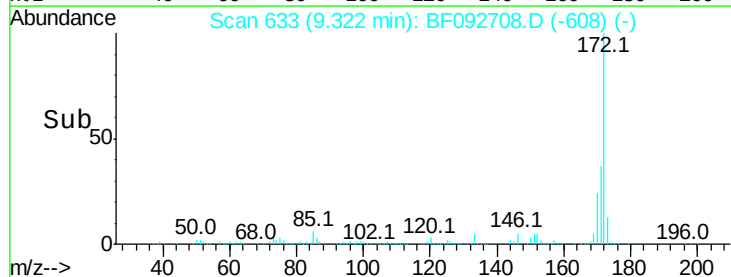
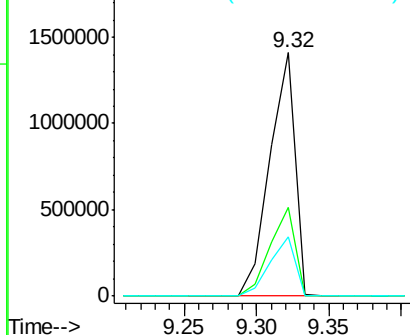


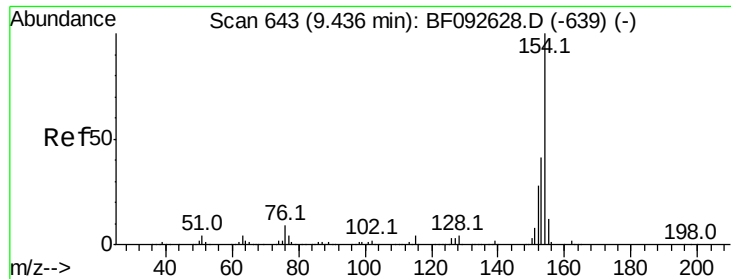
#44
 2-Fluorobiphenyl
 Concen: 88.29 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF092708.D
 Acq: 1 Feb 2017 17:03

Tgt Ion:172 Resp: 1707011
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.1 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: 41.09 ng

RT: 9.42 min Scan# 642

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SS-2MS

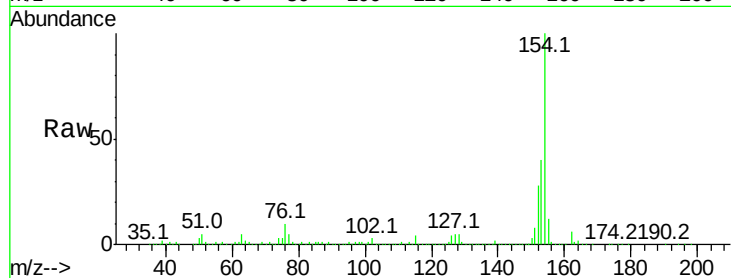
Tot Ion:154 Resp: 1042266

Ion Ratio Lower Upper

154 100

153 39.9 20.9 60.9

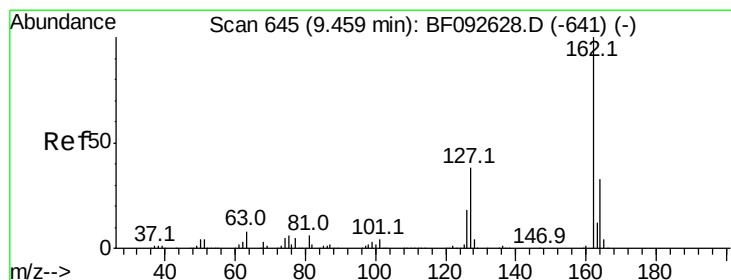
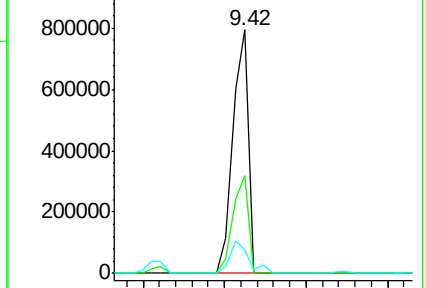
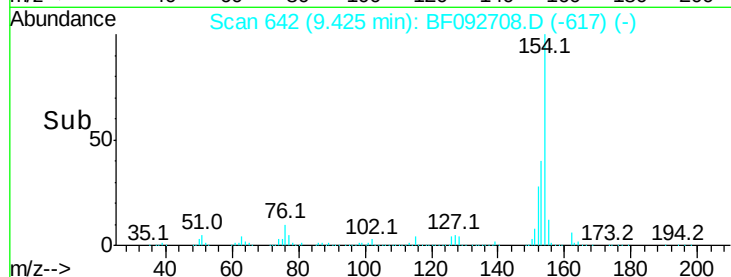
76 9.7 0.0 30.5



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: 43.57 ng

RT: 9.45 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

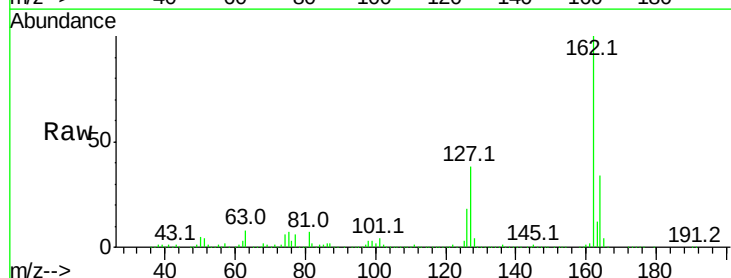
Tgt Ion:162 Resp: 864489

Ion Ratio Lower Upper

162 100

127 38.1 30.7 46.1

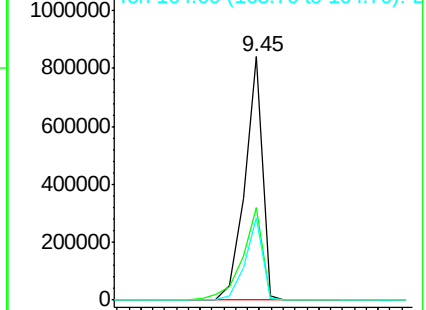
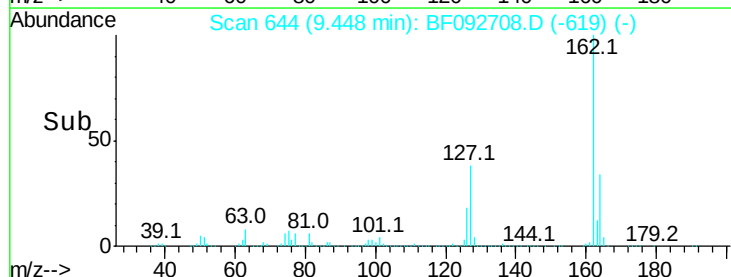
164 33.6 27.6 41.4

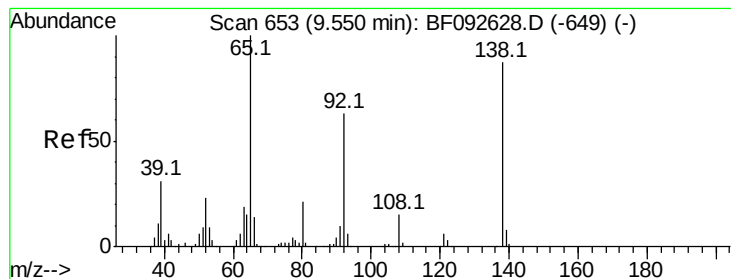


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 40.90 ng

RT: 9.54 min Scan# 652

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SS-2MS

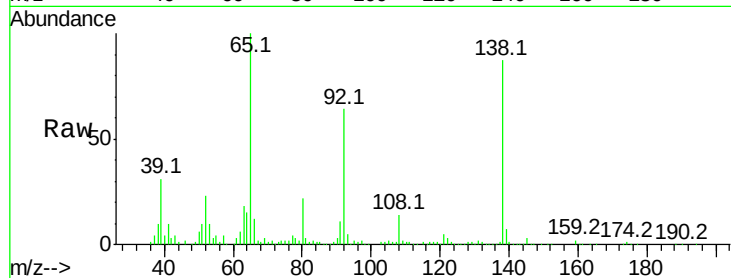
Tot Ion: 65 Resp: 272878

Ion Ratio Lower Upper

65 100

92 63.6 53.9 80.9

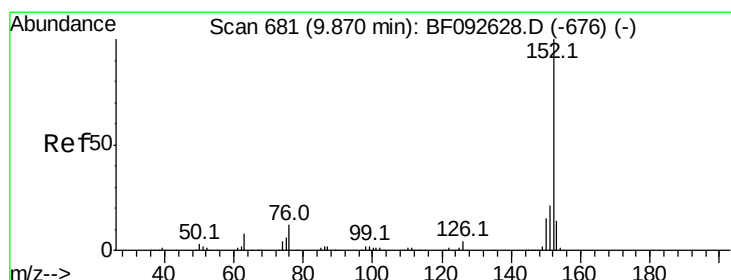
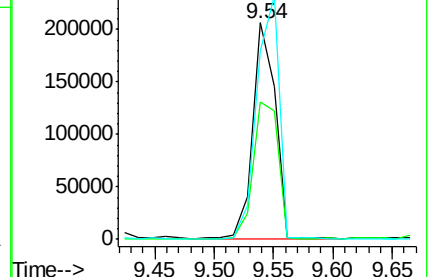
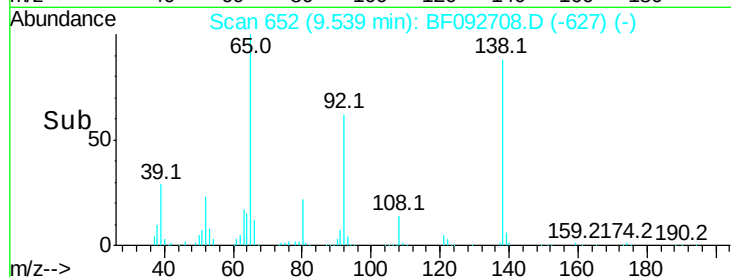
138 87.2 76.8 115.2



Abundance Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#48

Acenaphthylene

Concen: 38.32 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

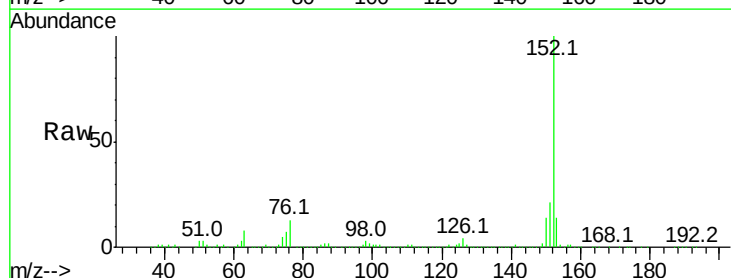
Tgt Ion: 152 Resp: 1313398

Ion Ratio Lower Upper

152 100

151 21.0 16.9 25.3

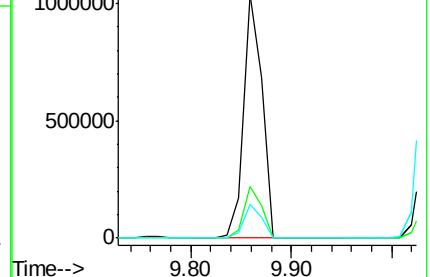
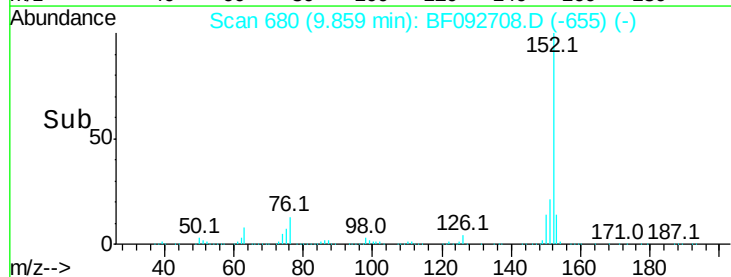
153 13.7 11.4 17.2

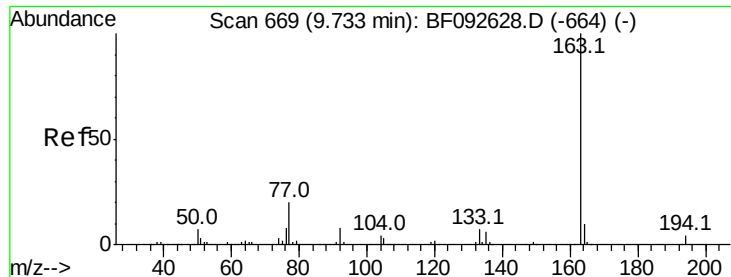


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 58.38 ng

RT: 9.72 min Scan# 668

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampled :

SS-2MS

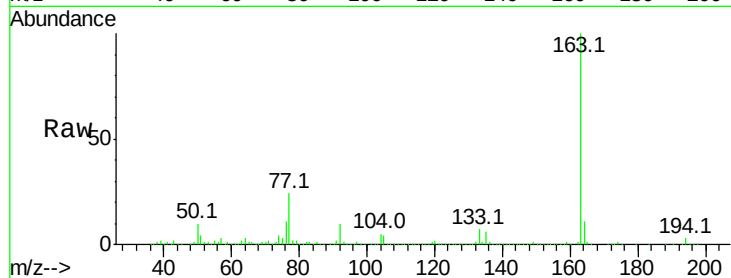
Tot Ion:163 Resp: 1377256

Ion Ratio Lower Upper

163 100

194 3.4 3.0 4.4

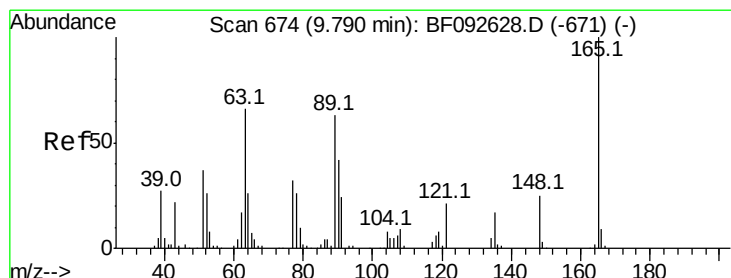
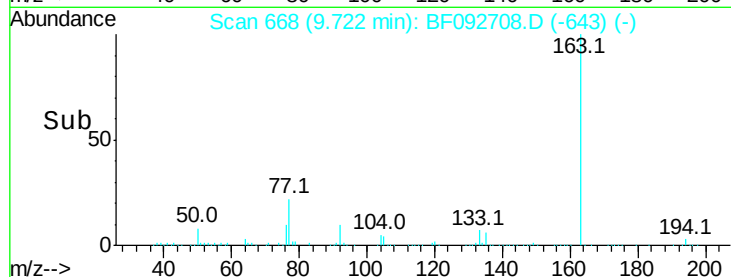
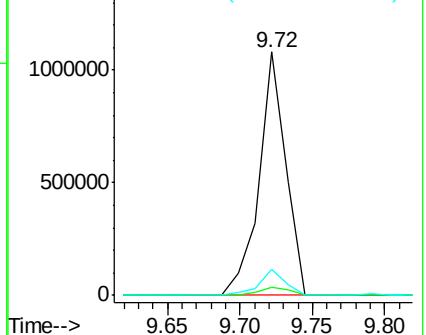
164 10.7 8.0 12.0



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: 46.15 ng

RT: 9.79 min Scan# 674

Delta R.T. 0.00 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

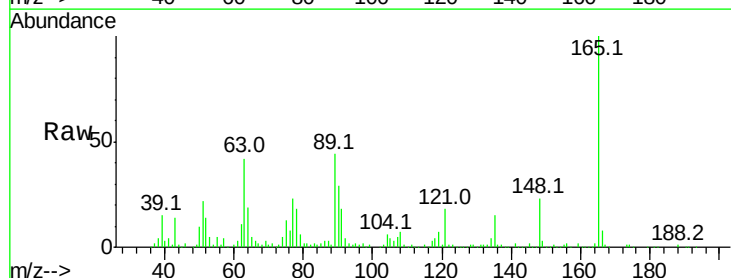
Tgt Ion:165 Resp: 235160

Ion Ratio Lower Upper

165 100

63 42.3 36.2 54.4

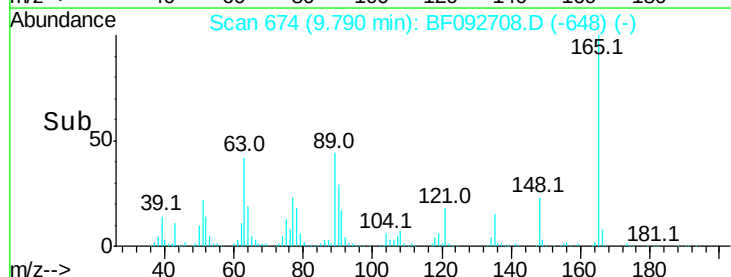
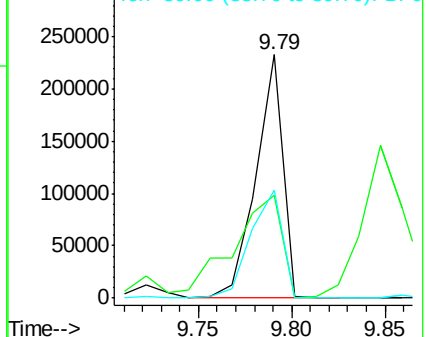
89 44.4 40.2 60.4

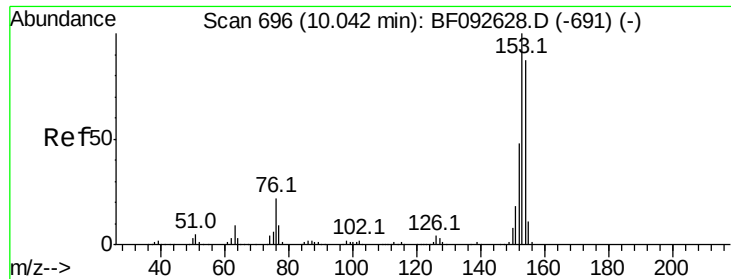


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.31 ng

RT: 10.03 min Scan# 695

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SS-2MS

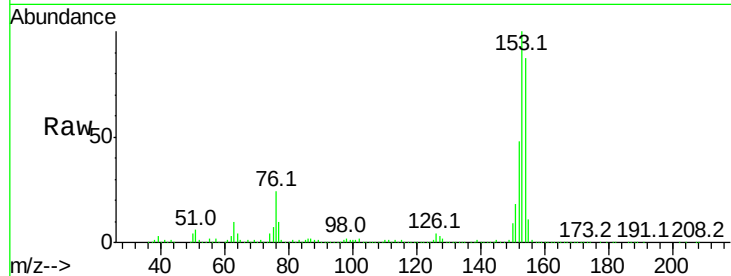
Tot Ion:154 Resp: 826129

Ion Ratio Lower Upper

154 100

153 114.9 88.6 133.0

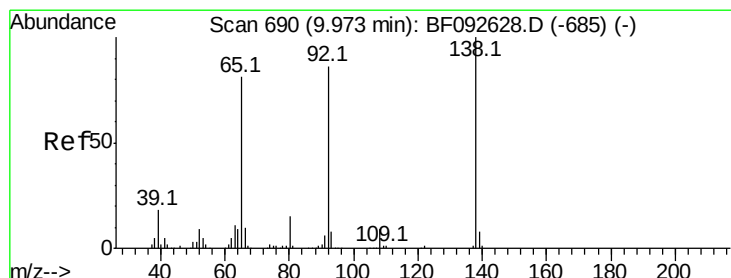
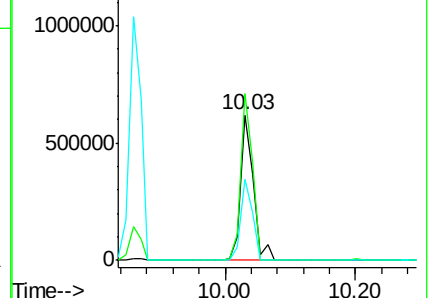
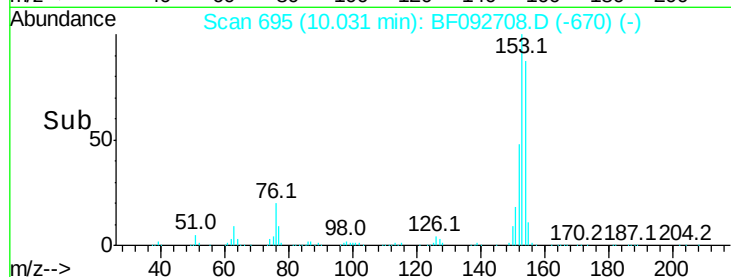
152 55.5 41.6 62.4



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: 27.87 ng

RT: 9.96 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

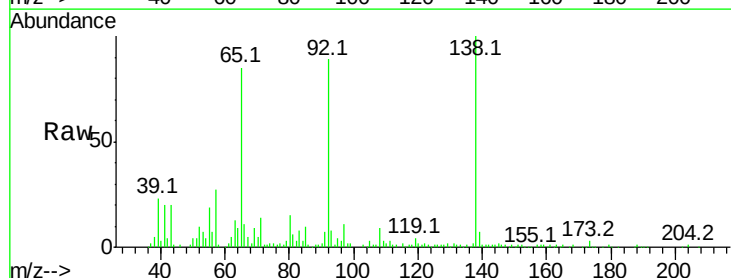
Tgt Ion:138 Resp: 162490

Ion Ratio Lower Upper

138 100

108 9.0 8.5 12.7

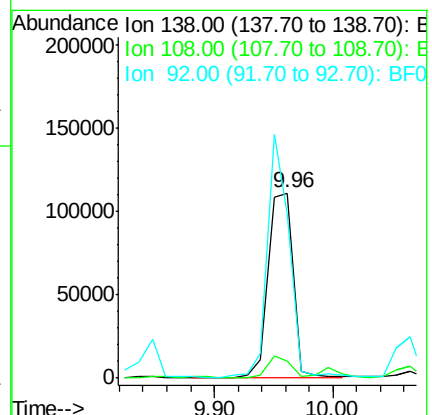
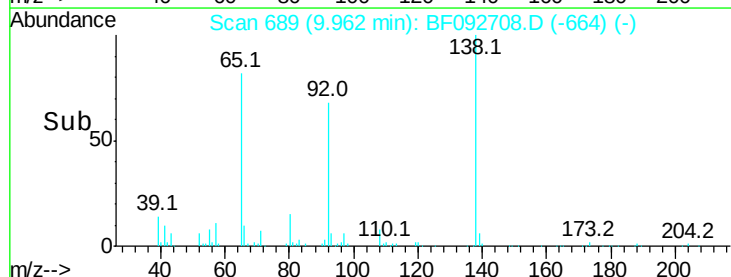
92 88.6 97.8 146.8#

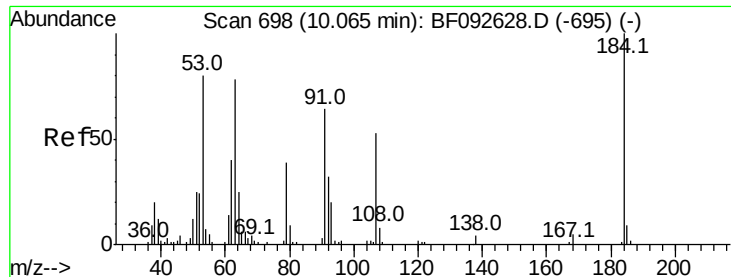


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

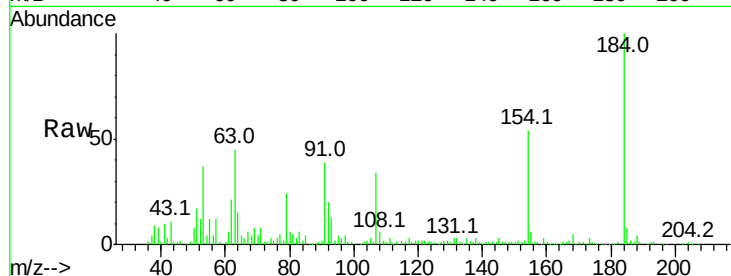




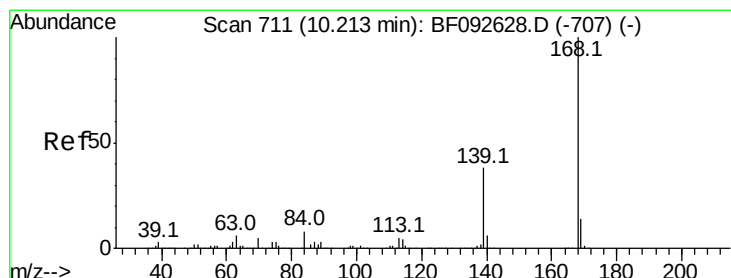
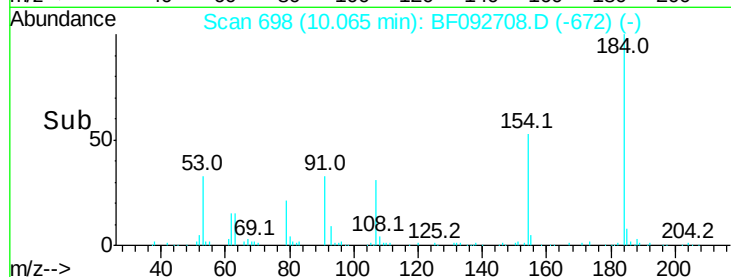
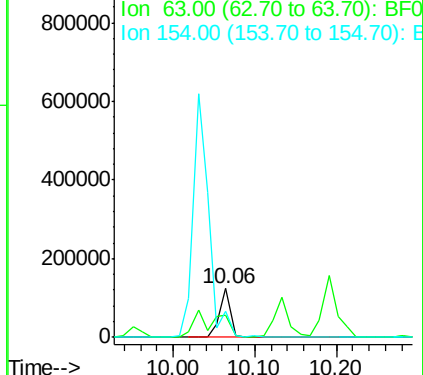
#53
2,4-Dinitrophenol
Concen: 48.13 ng
RT: 10.06 min Scan# 698
Delta R.T. 0.00 min
Lab File: BF092708.D
Acq: 1 Feb 2017 17:03

Instrument :
BNA_F
ClientSampleId :
SS-2MS

Tot Ion:184 Resp: 119545
Ion Ratio Lower Upper
184 100
63 45.0 28.4 42.6#
154 54.0 44.3 66.5

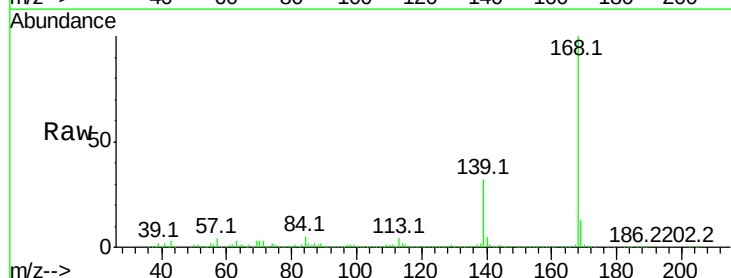


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

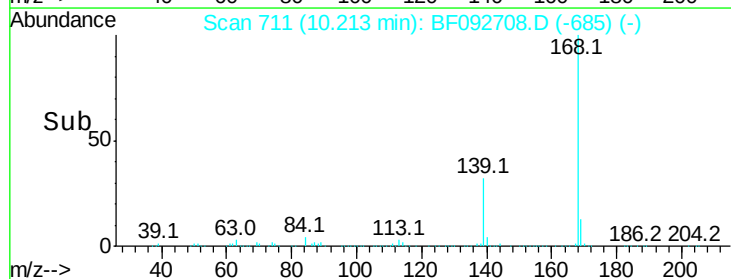
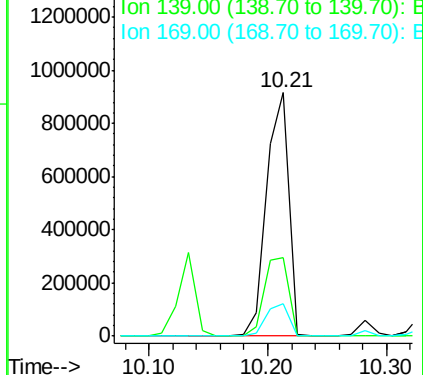


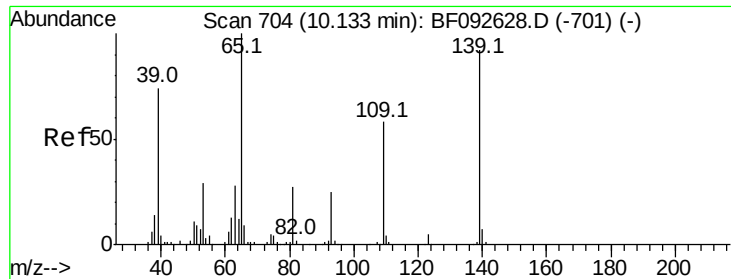
#54
Dibenzofuran
Concen: 43.52 ng
RT: 10.21 min Scan# 711
Delta R.T. 0.00 min
Lab File: BF092708.D
Acq: 1 Feb 2017 17:03

Tgt Ion:168 Resp: 1192874
Ion Ratio Lower Upper
168 100
139 32.3 32.6 49.0#
169 13.2 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

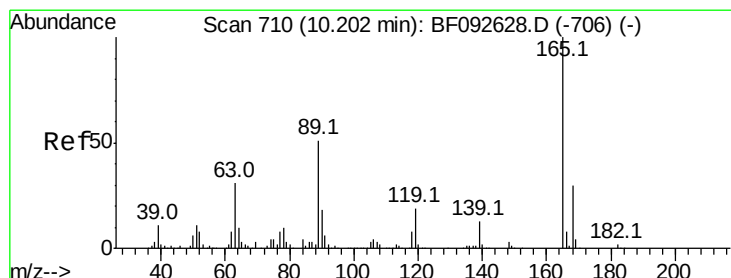
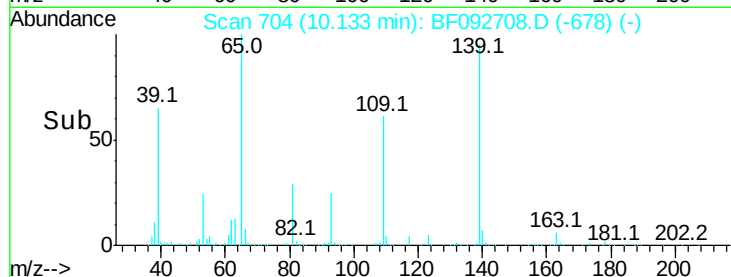
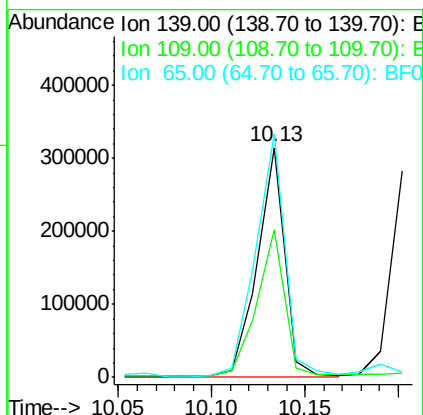
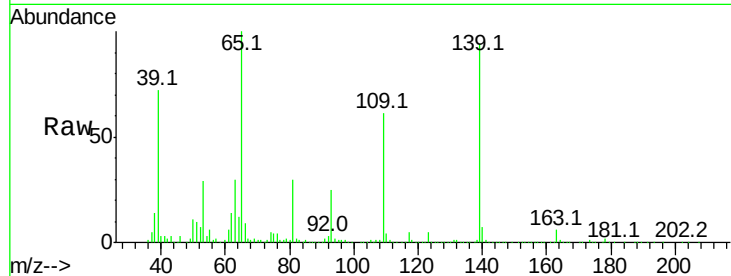




#55
4-Nitrophenol
Concen: 75.96 ng
RT: 10.13 min Scan# 704
Delta R.T. 0.00 min
Lab File: BF092708.D
Acq: 1 Feb 2017 17:03

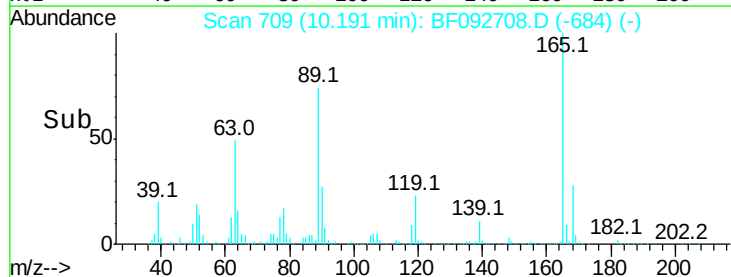
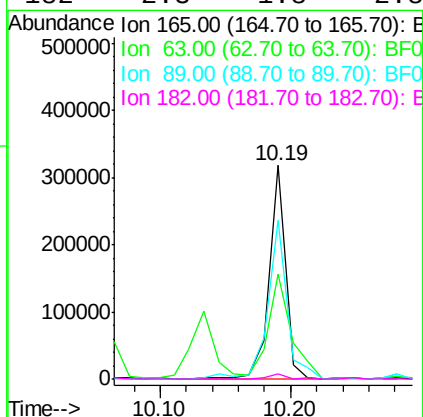
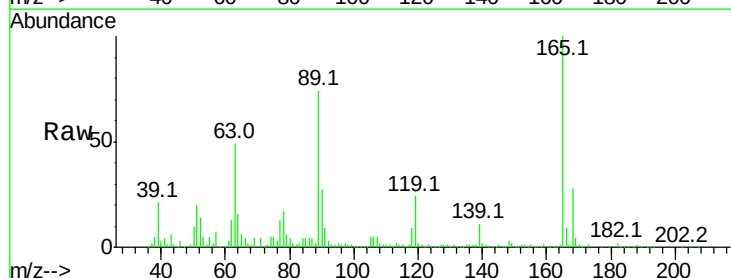
Instrument :
BNA_F
ClientSampleId :
SS-2MS

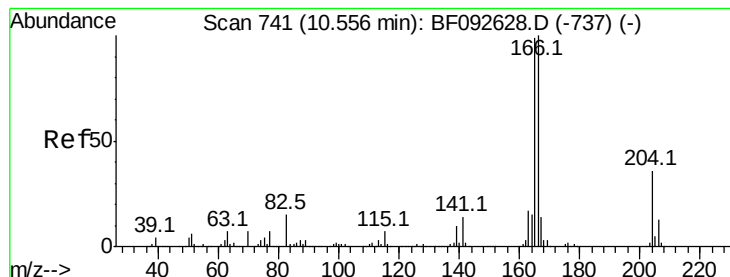
Tot Ion:139 Resp: 319010
Ion Ratio Lower Upper
139 100
109 64.4 52.2 92.2
65 105.9 85.8 125.8



#56
2,4-Dinitrotoluene
Concen: 40.93 ng
RT: 10.19 min Scan# 709
Delta R.T. -0.01 min
Lab File: BF092708.D
Acq: 1 Feb 2017 17:03

Tgt Ion:165 Resp: 277629
Ion Ratio Lower Upper
165 100
63 49.4 40.2 60.4
89 74.1 62.5 93.7
182 2.3 1.8 2.8





#57

Fluorene

Concen: 40.99 ng

RT: 10.56 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SS-2MS

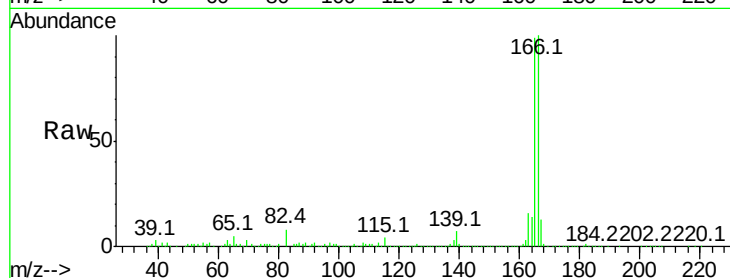
Tot Ion:166 Resp: 864309

Ion Ratio Lower Upper

166 100

165 99.2 77.8 116.8

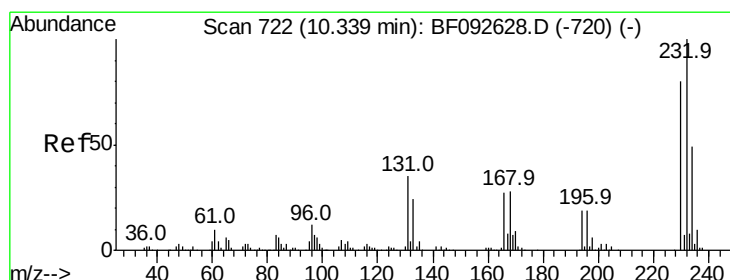
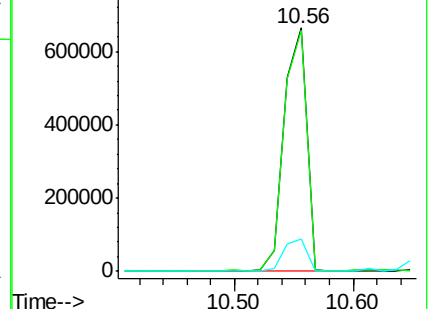
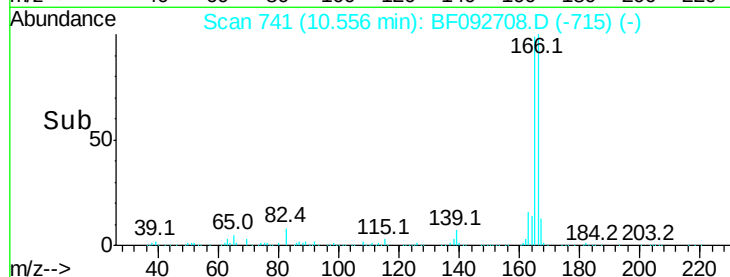
167 13.2 10.8 16.2



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: 45.40 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

Tgt Ion:232 Resp: 214372

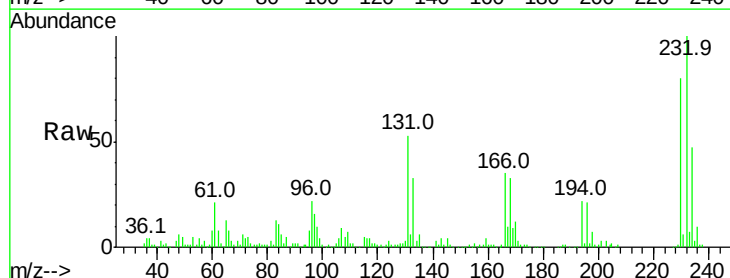
Ion Ratio Lower Upper

232 100

131 50.4 40.1 60.1

130 3.0 1.8 2.8#

166 33.7 26.6 39.8

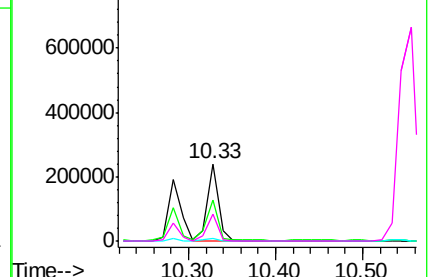
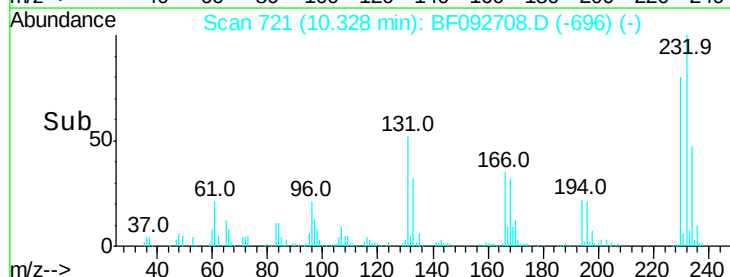


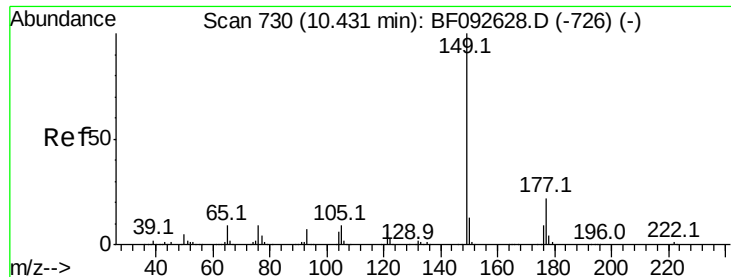
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

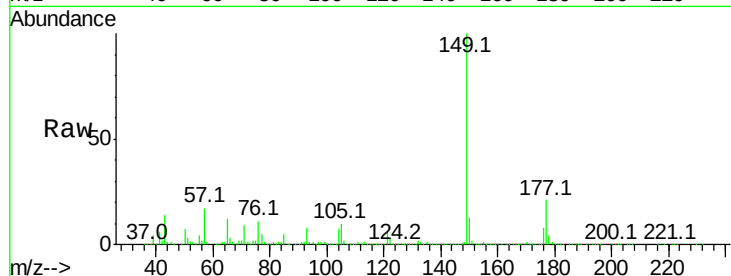




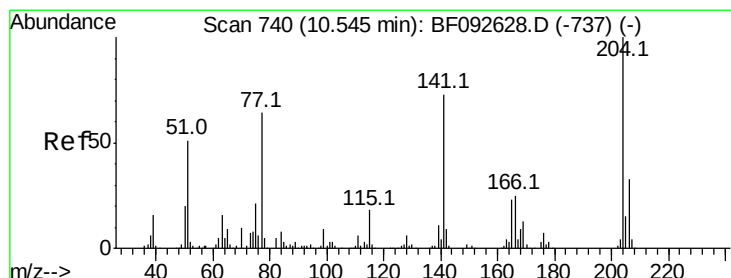
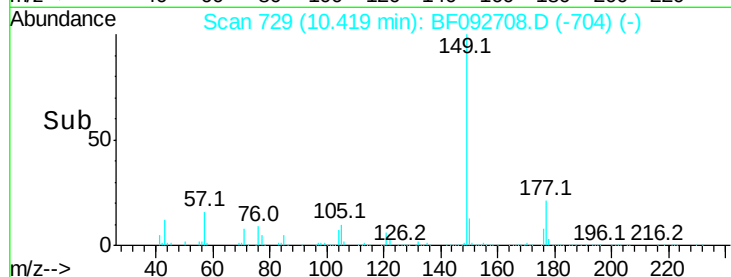
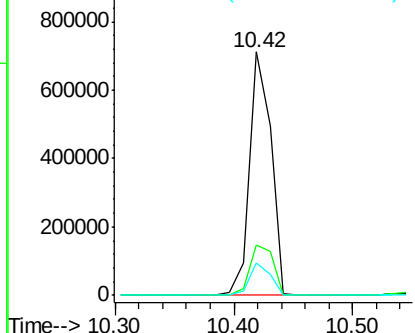
#59
Diethylphthalate
Concen: 40.58 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF092708.D
Acq: 1 Feb 2017 17:03

Instrument :
BNA_F
ClientSampleId :
SS-2MS

Tot Ion:149 Resp: 902187
Ion Ratio Lower Upper
149 100
177 20.7 16.6 25.0
150 13.1 10.4 15.6

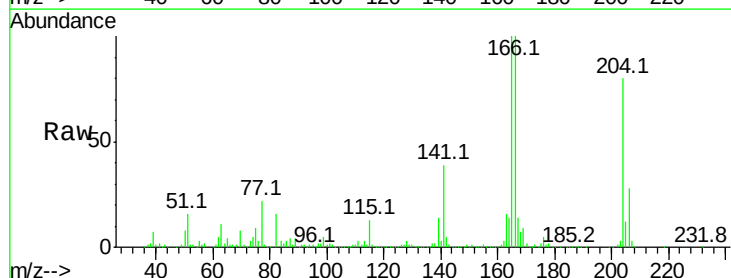


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

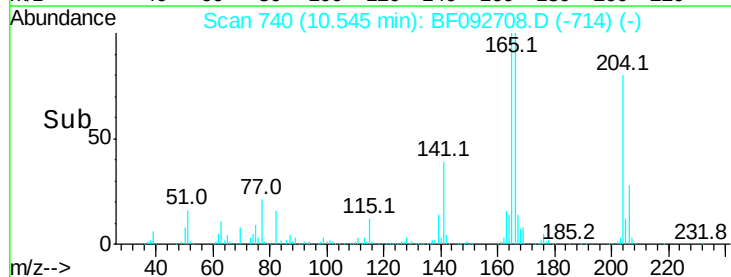
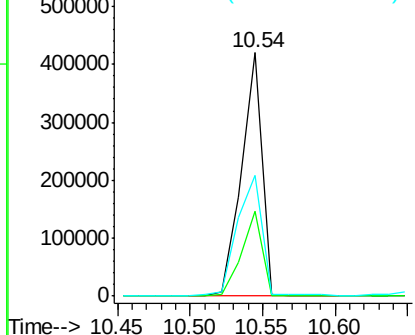


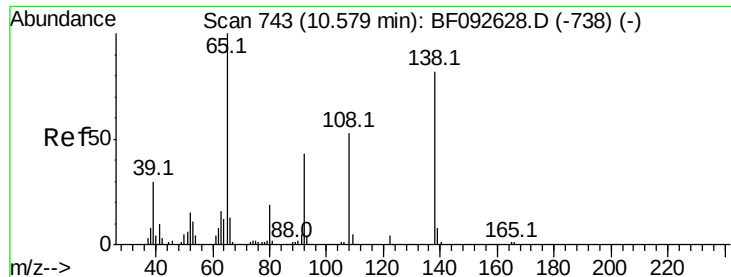
#60
4-Chlorophenyl-phenylether
Concen: 40.74 ng
RT: 10.54 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF092708.D
Acq: 1 Feb 2017 17:03

Tgt Ion:204 Resp: 412757
Ion Ratio Lower Upper
204 100
206 34.8 25.8 38.6
141 49.5 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

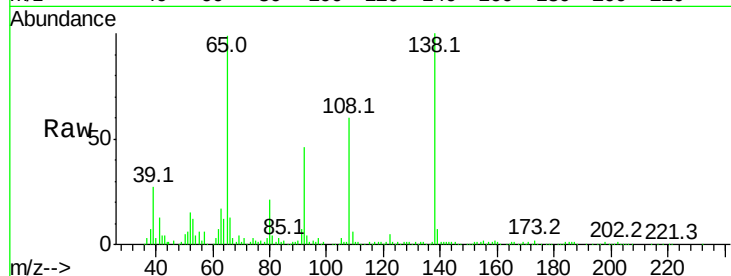




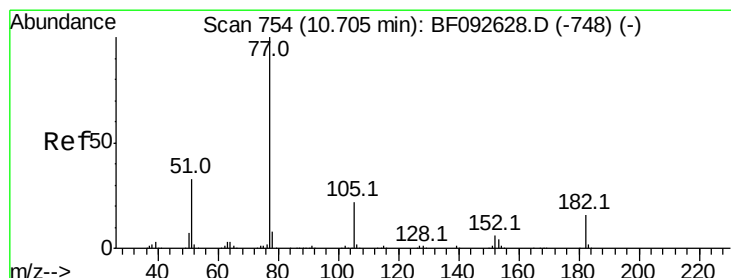
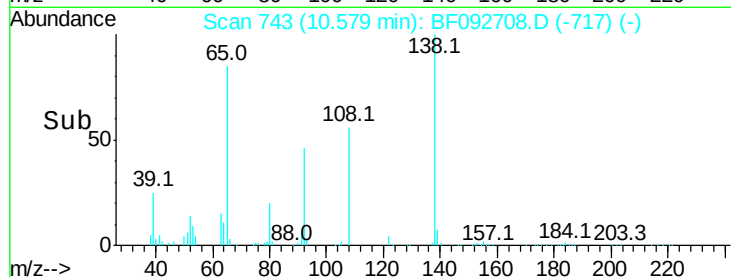
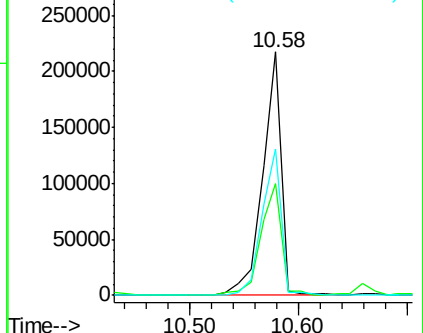
#61
4-Nitroaniline
Concen: 42.91 ng
RT: 10.58 min Scan# 743
Delta R.T. 0.00 min
Lab File: BF092708.D
Acq: 1 Feb 2017 17:03

Instrument :
BNA_F
ClientSampleId :
SS-2MS

Tot Ion:138 Resp: 256284
Ion Ratio Lower Upper
138 100
92 46.1 31.7 71.7
108 60.2 52.6 92.6

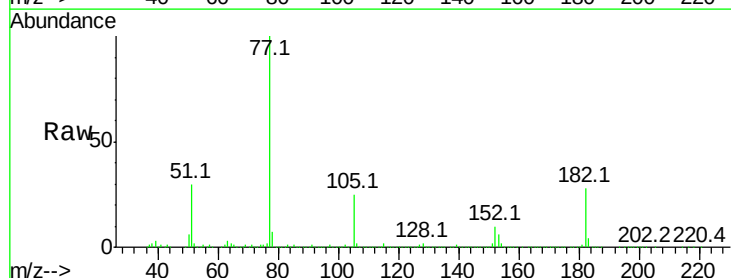


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

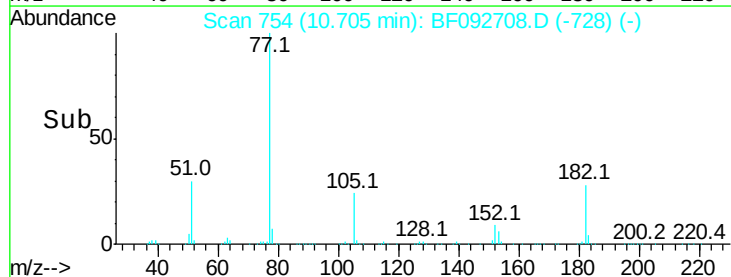
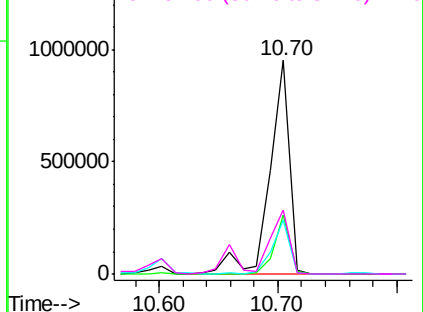


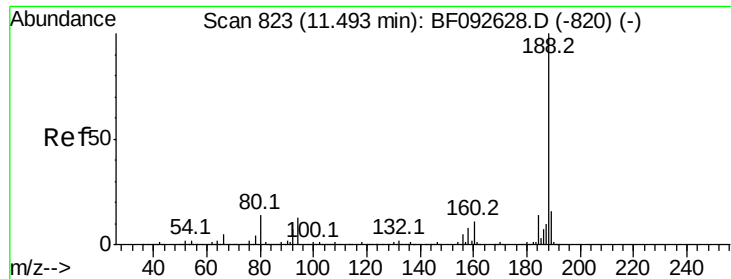
#62
Azobenzene
Concen: 47.51 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.00 min
Lab File: BF092708.D
Acq: 1 Feb 2017 17:03

Tgt Ion: 77 Resp: 1091238
Ion Ratio Lower Upper
77 100
182 27.6 0.0 39.3
105 25.3 2.3 42.3
51 30.0 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: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SS-2MS

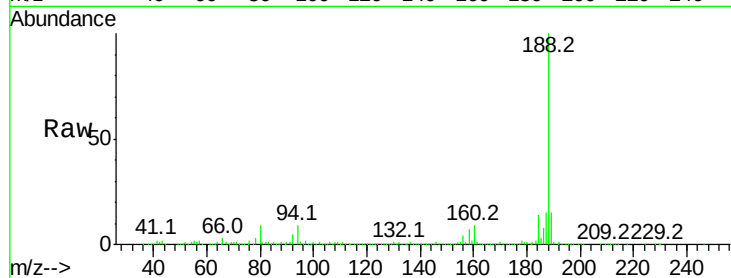
Tot Ion:188 Resp: 584890

Ion Ratio Lower Upper

188 100

94 8.7 10.0 15.0#

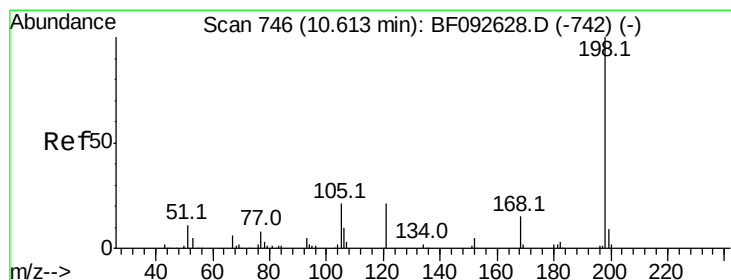
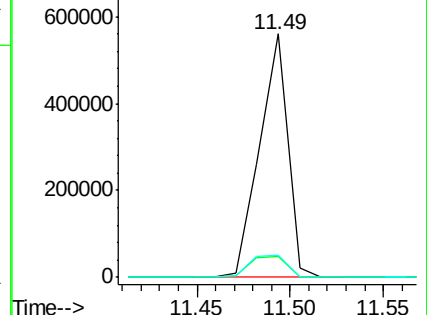
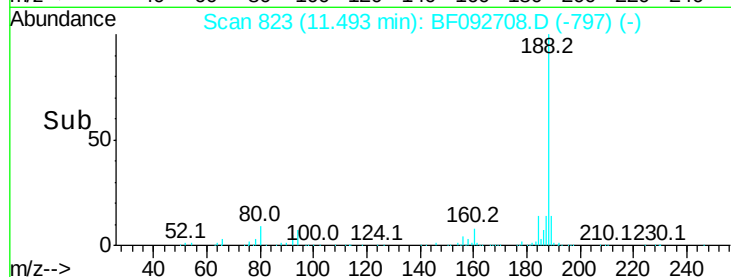
80 9.0 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 39.71 ng

RT: 10.60 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

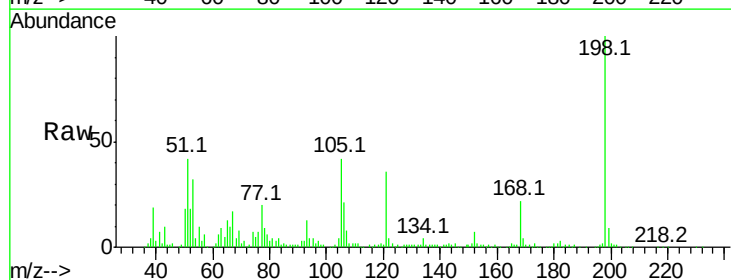
Tgt Ion:198 Resp: 139634

Ion Ratio Lower Upper

198 100

51 41.8 6.7 46.7

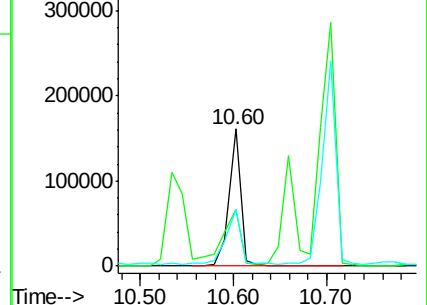
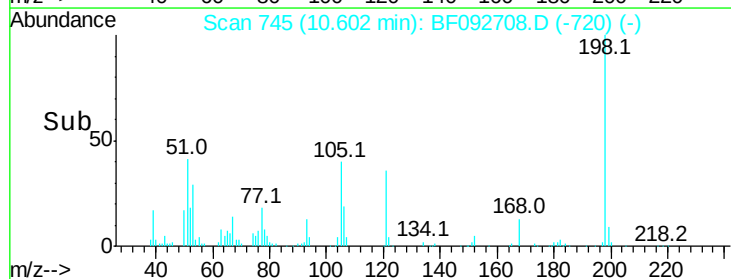
105 41.8 16.6 56.6

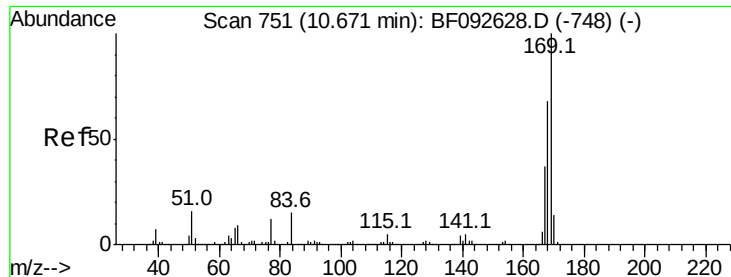


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 39.47 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SS-2MS

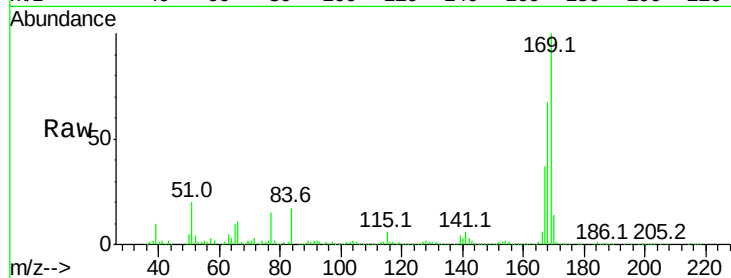
Tot Ion:169 Resp: 737412

Ion Ratio Lower Upper

169 100

168 66.9 54.2 81.2

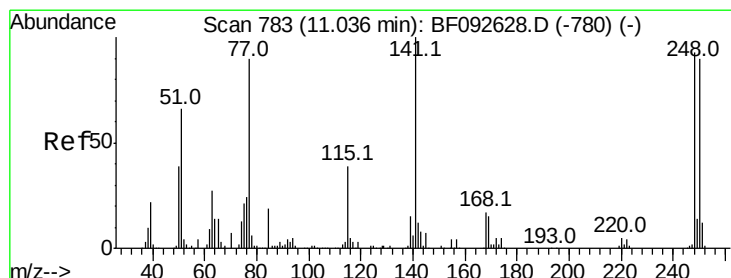
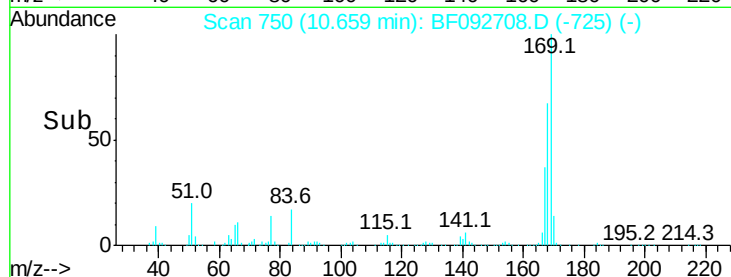
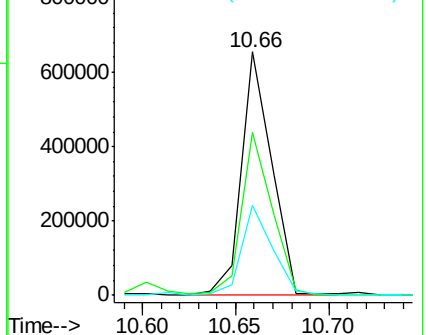
167 36.8 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.41 ng

RT: 11.04 min Scan# 783

Delta R.T. 0.00 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

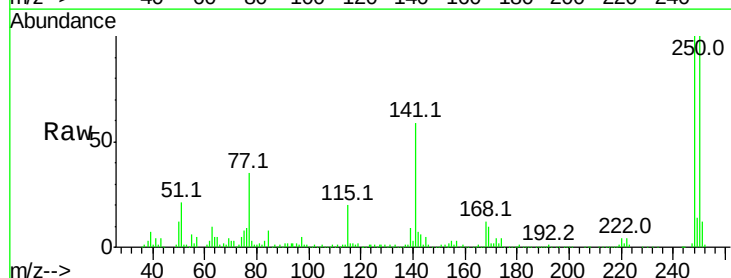
Tgt Ion:248 Resp: 253043

Ion Ratio Lower Upper

248 100

250 99.8 76.9 115.3

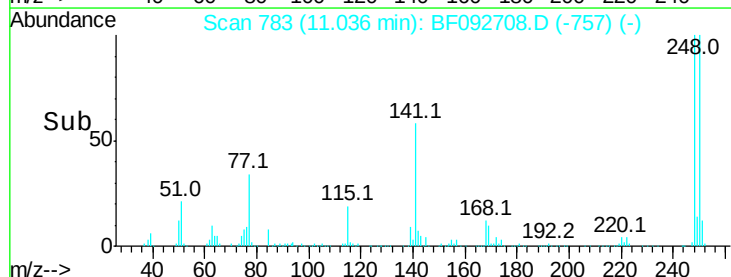
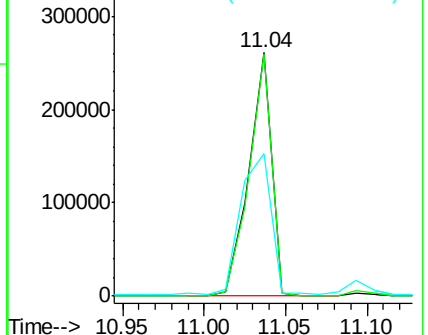
141 58.5 68.2 102.4#

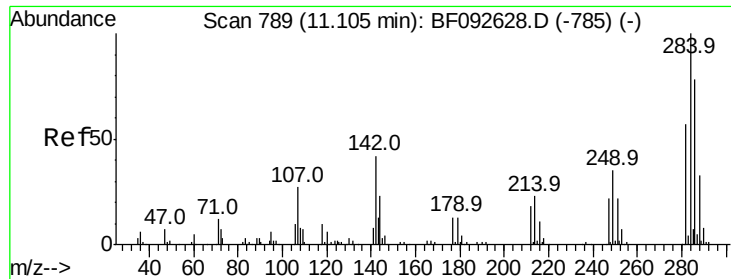


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 39.05 ng

RT: 11.09 min Scan# 788

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SS-2MS

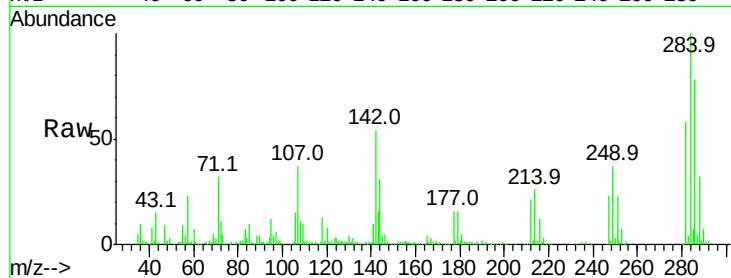
Tot Ion:284 Resp: 235830

Ion Ratio Lower Upper

284 100

142 54.2 22.6 33.8#

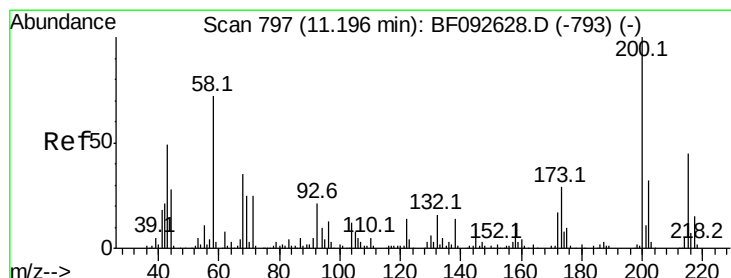
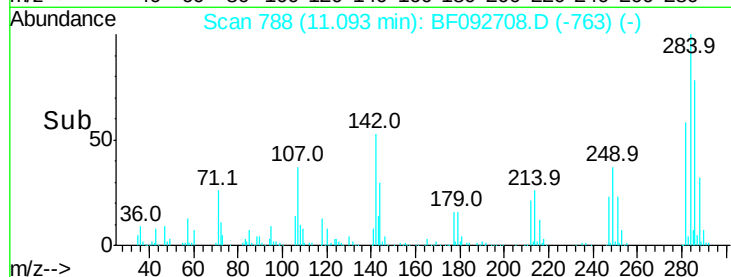
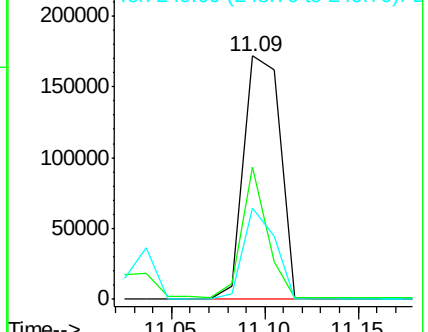
249 37.4 25.4 38.0



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: 42.93 ng

RT: 11.20 min Scan# 797

Delta R.T. 0.00 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

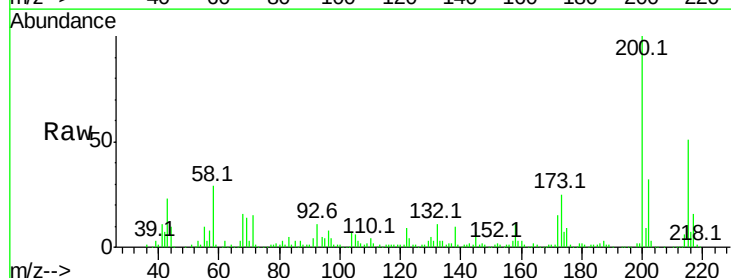
Tgt Ion:200 Resp: 257401

Ion Ratio Lower Upper

200 100

173 25.0 9.6 49.6

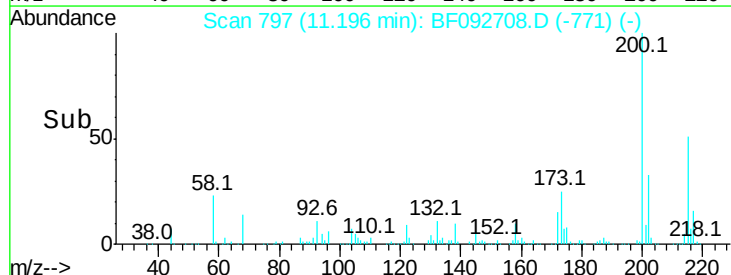
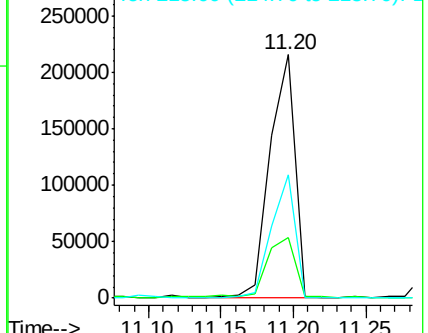
215 50.7 25.7 65.7

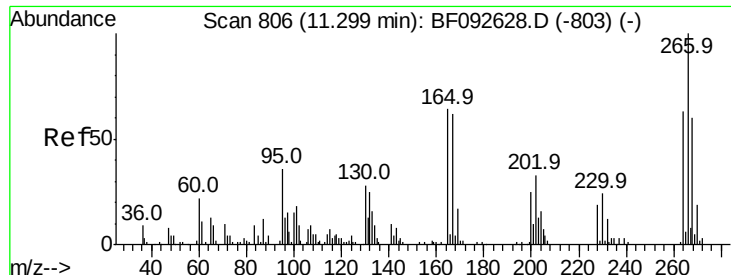


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

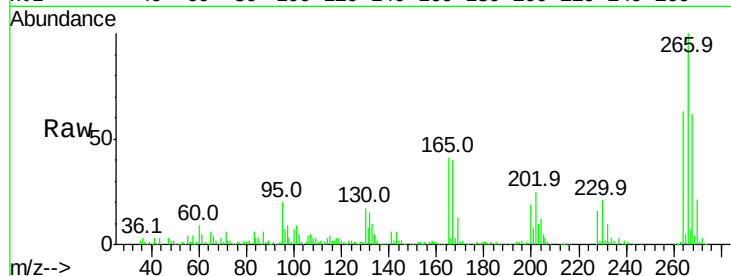




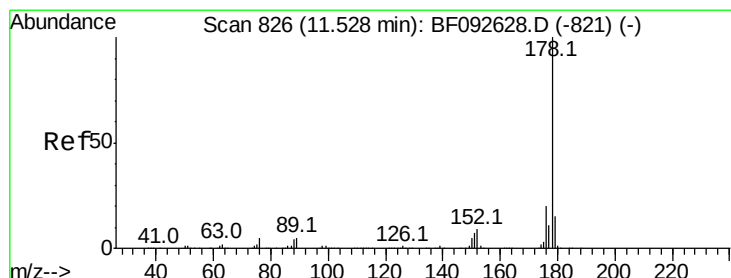
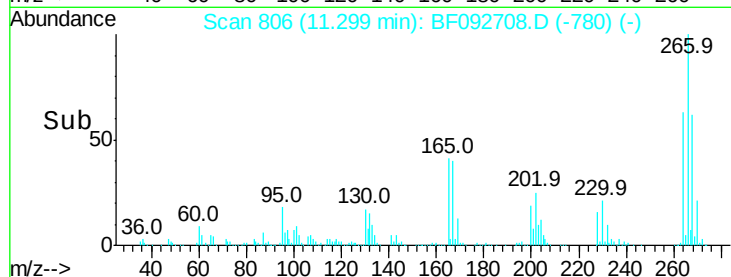
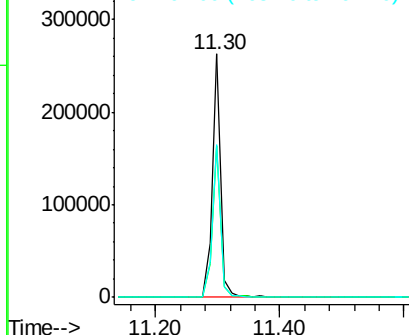
#69
 Pentachlorophenol
 Concen: 78.27 ng
 RT: 11.30 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: BF092708.D
 Acq: 1 Feb 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SS-2MS

Tot Ion:266 Resp: 243463
 Ion Ratio Lower Upper
 266 100
 268 62.4 53.3 79.9
 264 62.6 50.3 75.5

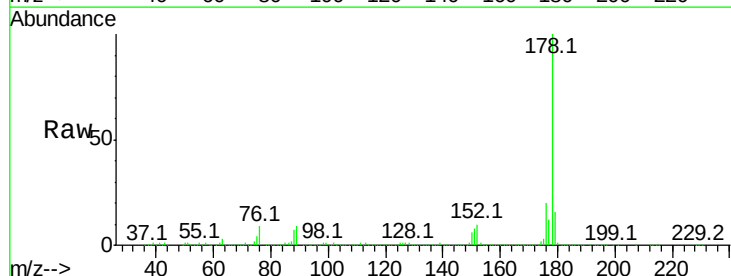


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

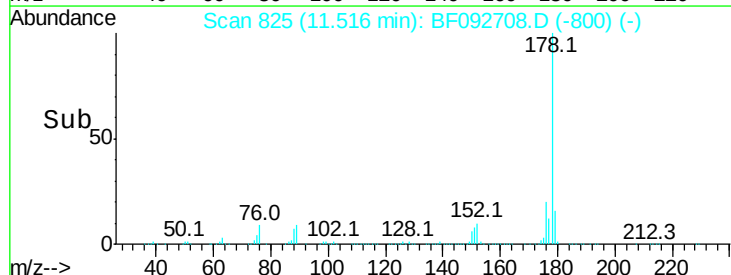
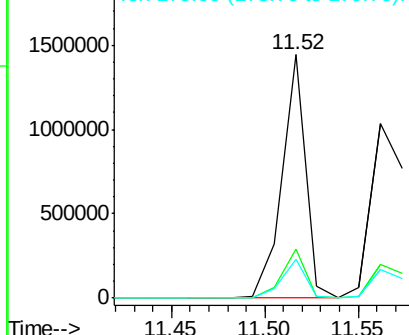


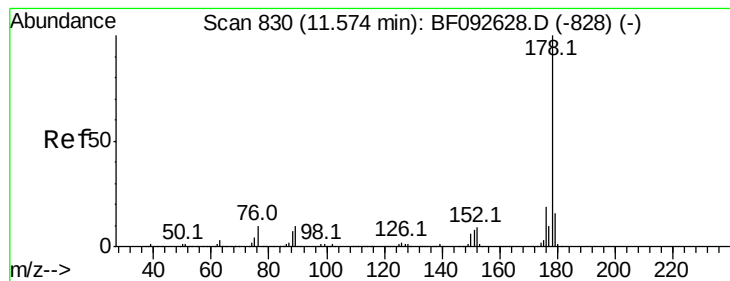
#70
 Phenanthrene
 Concen: 37.94 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092708.D
 Acq: 1 Feb 2017 17:03

Tgt Ion:178 Resp: 1271264
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.6 25.0
 179 15.7 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: 38.64 ng

RT: 11.56 min Scan# 829

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SS-2MS

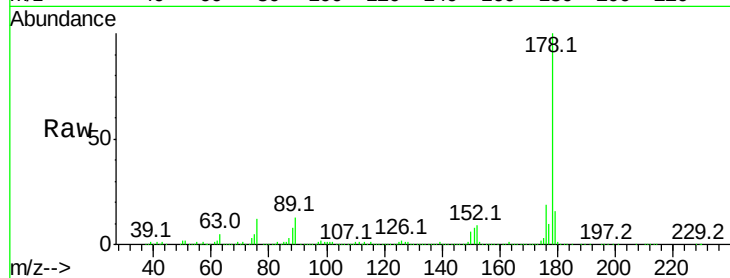
Tot Ion:178 Resp: 1300342

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

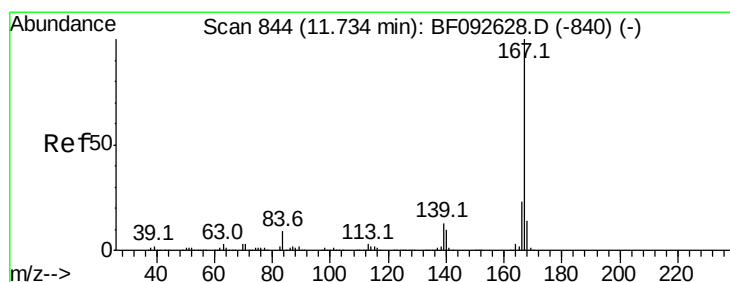
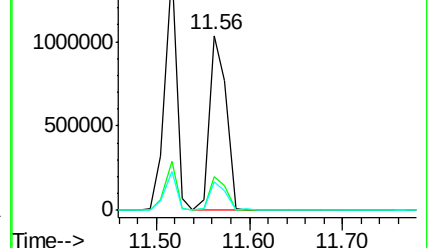
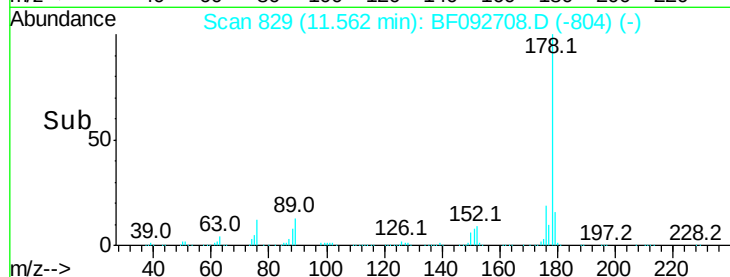
179 16.0 13.2 19.8



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: 34.00 ng

RT: 11.72 min Scan# 843

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

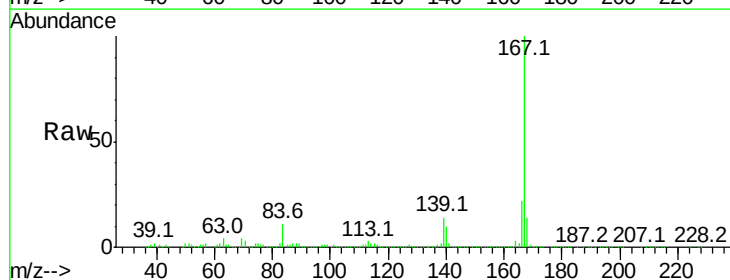
Tgt Ion:167 Resp: 1093717

Ion Ratio Lower Upper

167 100

166 22.1 18.2 27.2

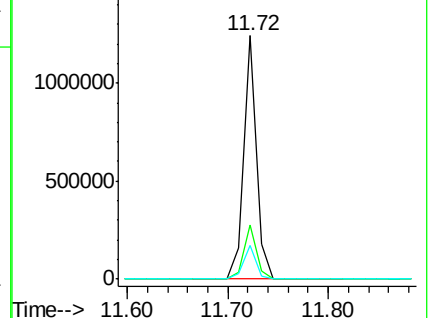
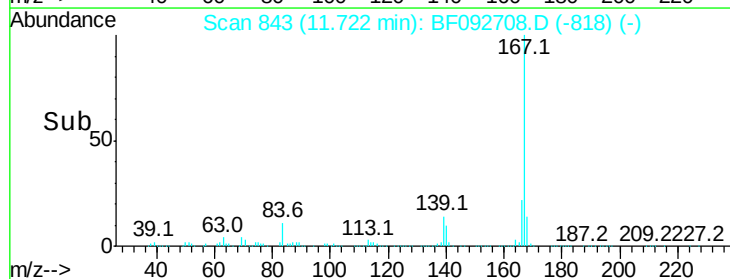
139 13.8 11.4 17.2

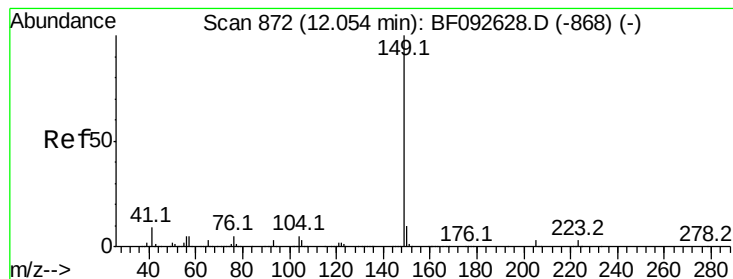


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 43.41 ng

RT: 12.05 min Scan# 872

Delta R.T. 0.00 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SS-2MS

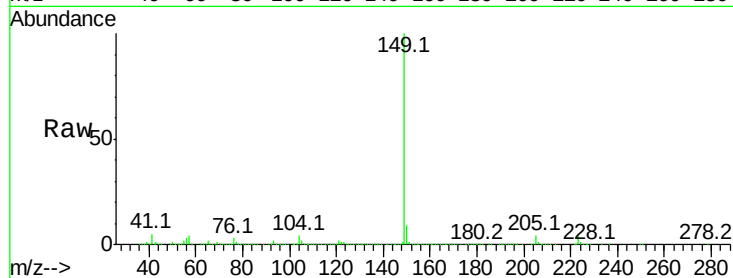
Tot Ion:149 Resp: 1510224

Ion Ratio Lower Upper

149 100

150 8.9 8.1 12.1

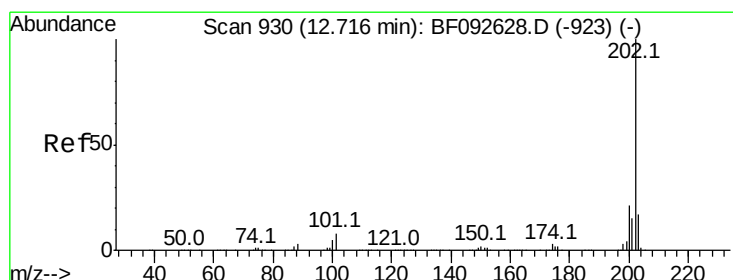
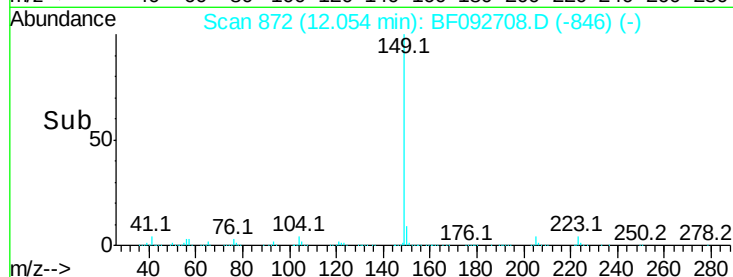
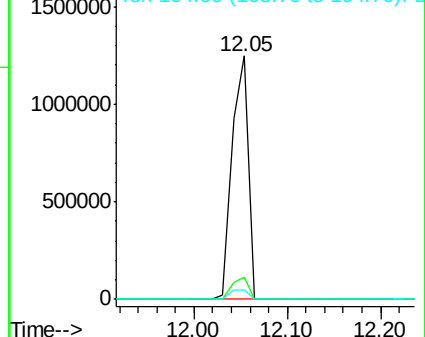
104 3.6 4.6 7.0#



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: 38.60 ng

RT: 12.71 min Scan# 929

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

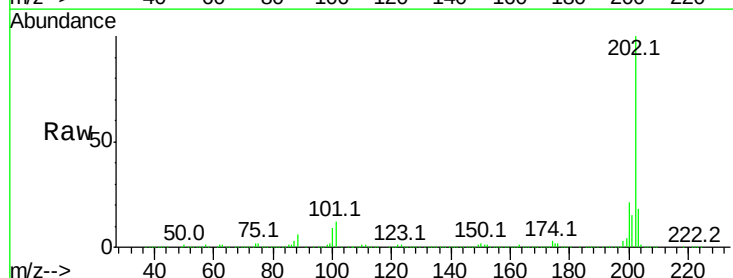
Tgt Ion:202 Resp: 1334085

Ion Ratio Lower Upper

202 100

101 12.1 0.0 34.6

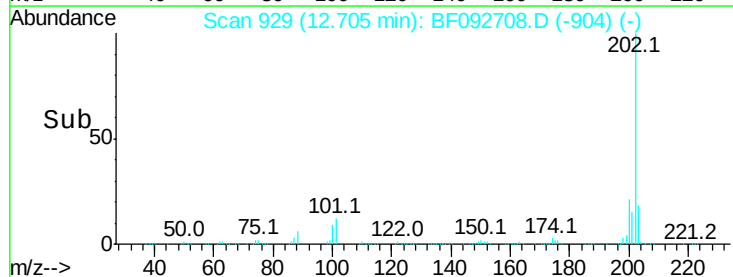
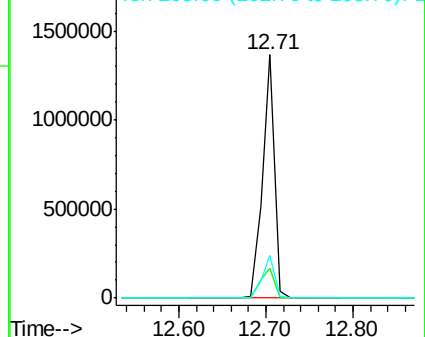
203 17.6 0.0 38.7

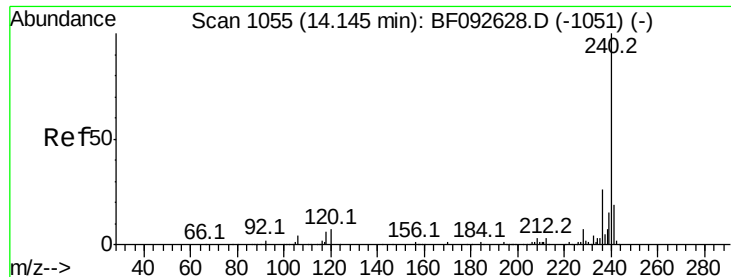


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SS-2MS

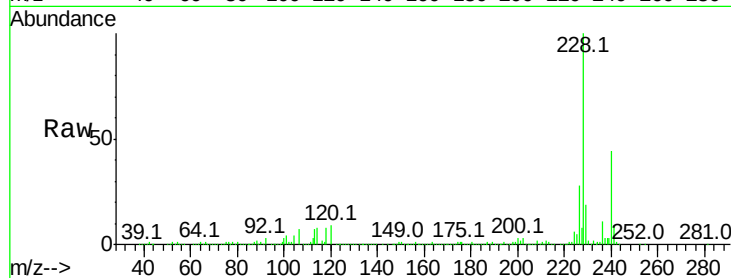
Tot Ion:240 Resp: 386751

Ion Ratio Lower Upper

240 100

120 20.4 12.9 19.3#

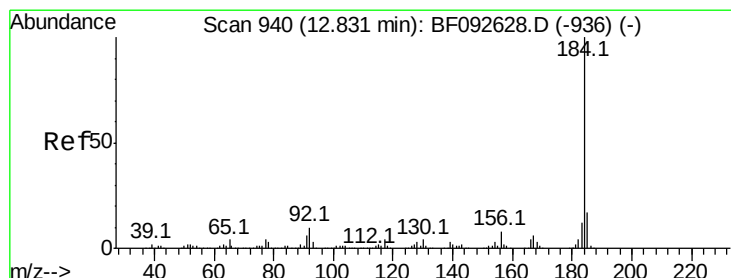
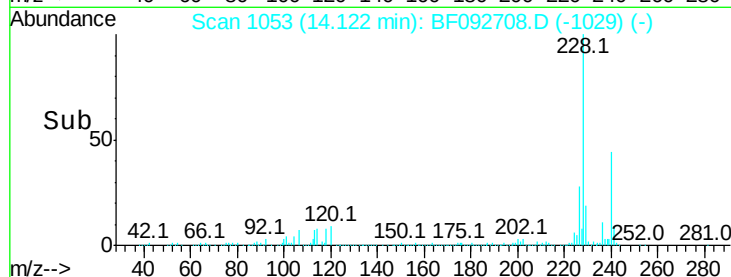
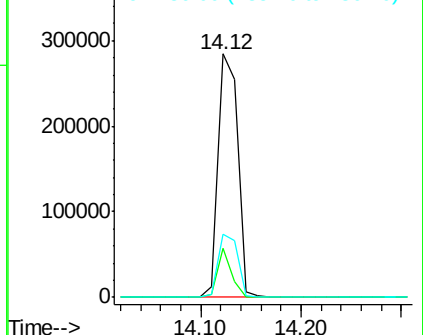
236 26.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 37.39 ng

RT: 12.83 min Scan# 940

Delta R.T. 0.00 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

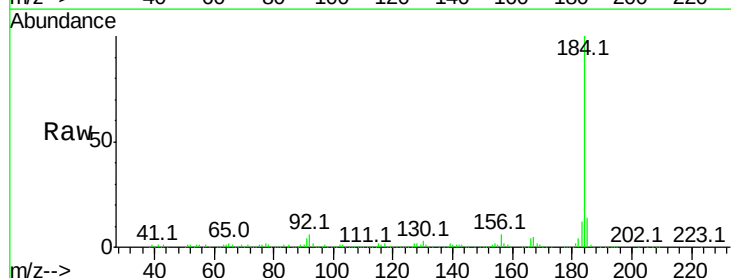
Tgt Ion:184 Resp: 616213

Ion Ratio Lower Upper

184 100

185 14.1 13.4 20.0

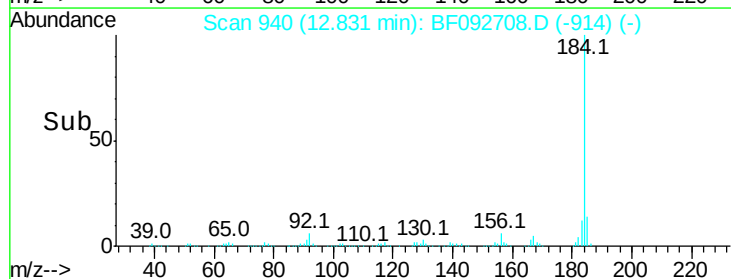
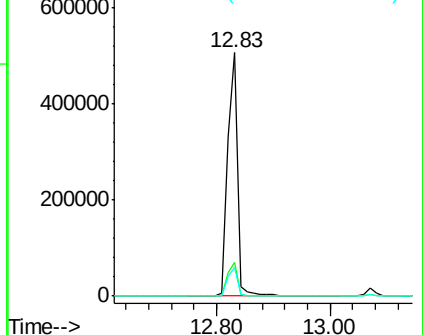
183 11.8 9.2 13.8

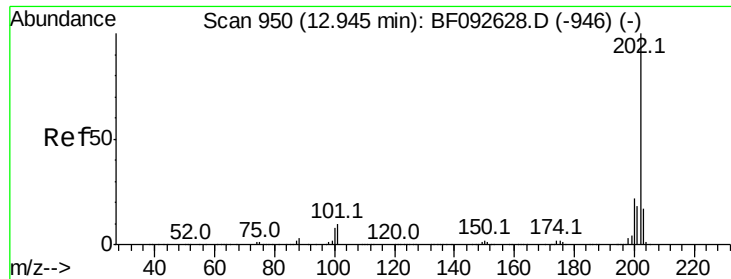


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 44.55 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SS-2MS

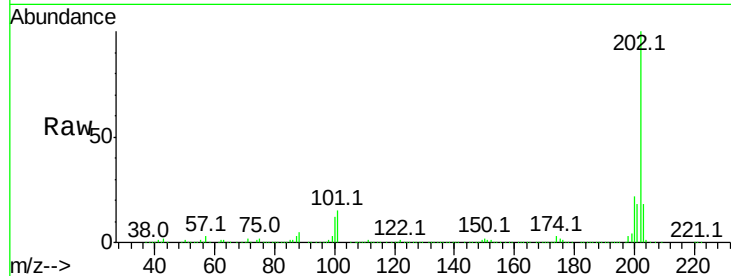
Tot Ion:202 Resp: 1289506

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

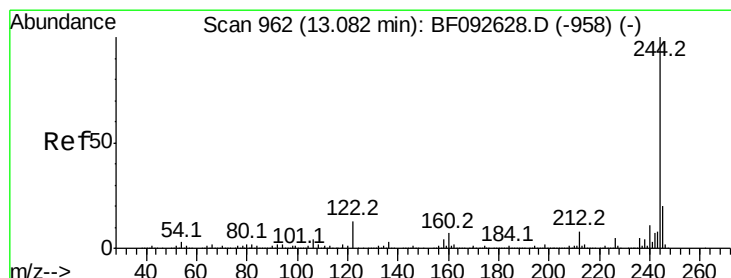
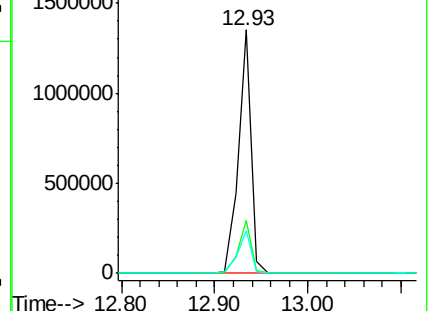
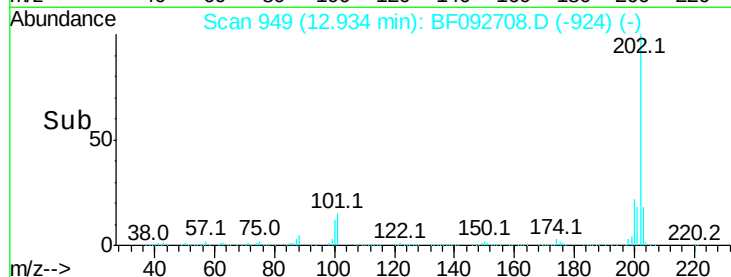
203 17.7 14.7 22.1



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: 77.66 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

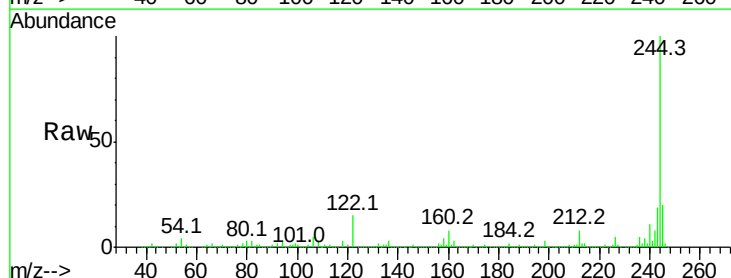
Tgt Ion:244 Resp: 1278256

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

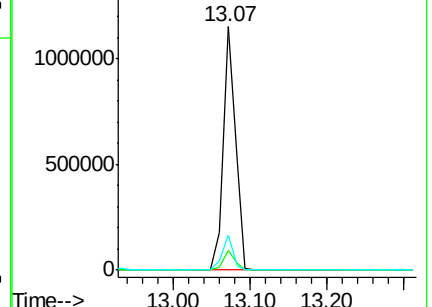
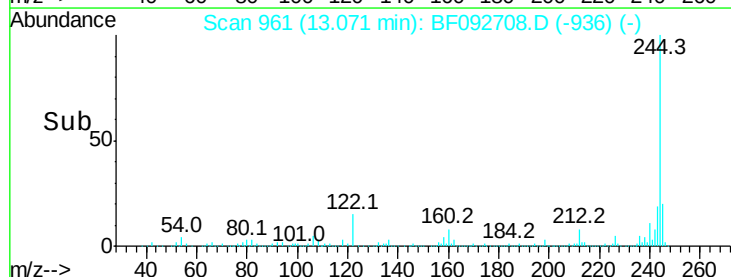
122 14.6 11.4 17.2

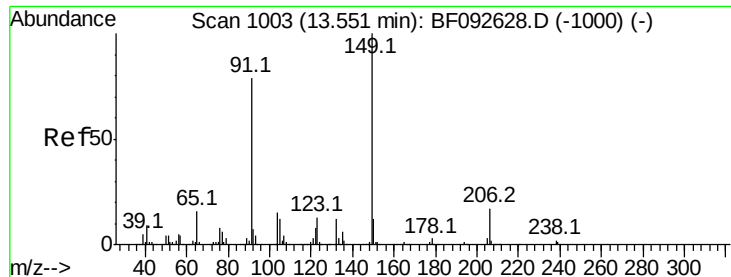


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 49.56 ng

RT: 13.55 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleID :

SS-2MS

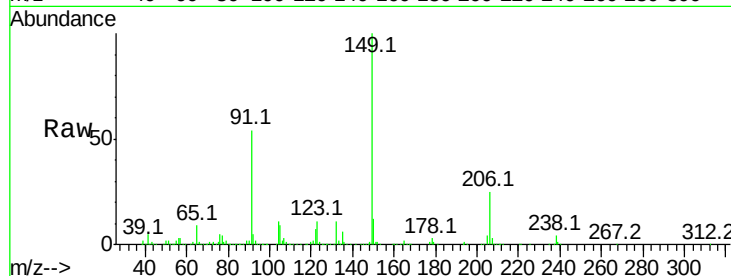
Tot Ion:149 Resp: 582527

Ion Ratio Lower Upper

149 100

91 54.3 63.9 95.9#

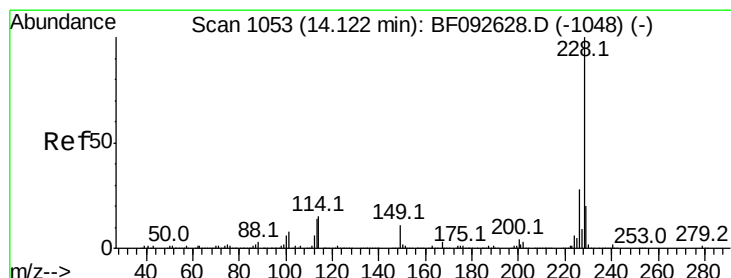
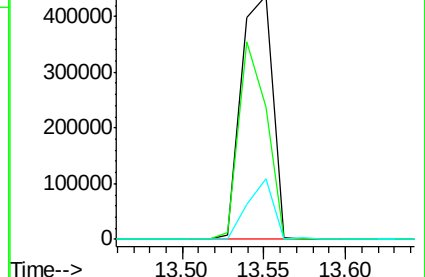
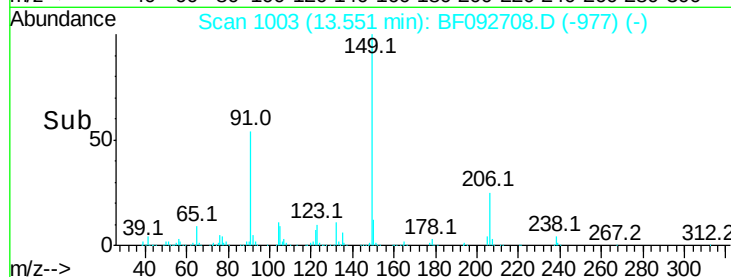
206 24.8 14.6 21.8#



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: 41.75 ng

RT: 14.11 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

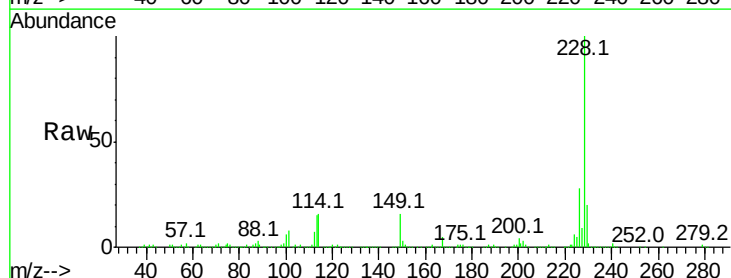
Tgt Ion:228 Resp: 987512

Ion Ratio Lower Upper

228 100

226 28.0 22.4 33.6

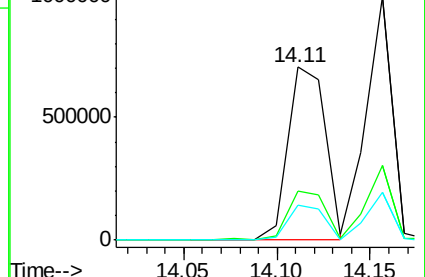
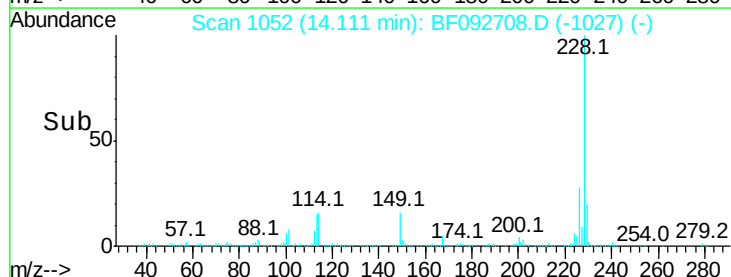
229 20.2 16.2 24.4

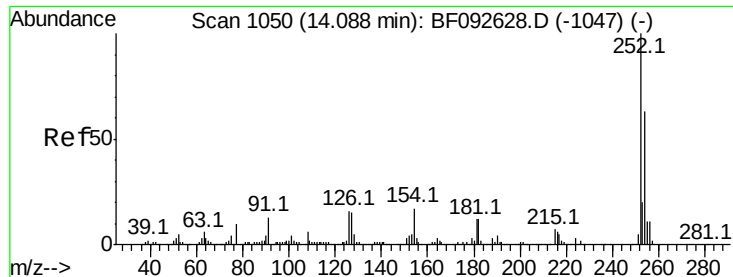


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

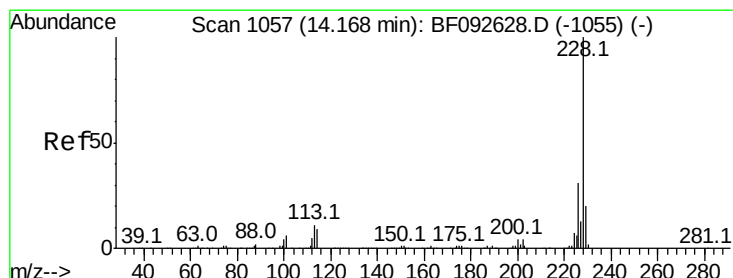
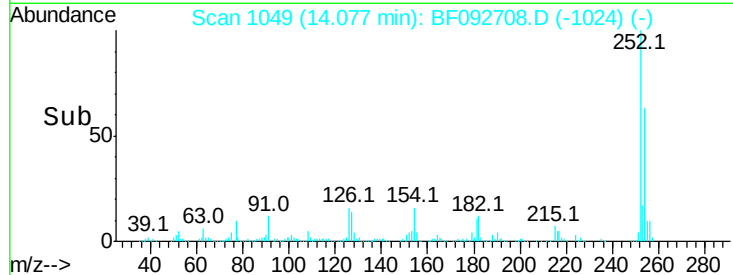
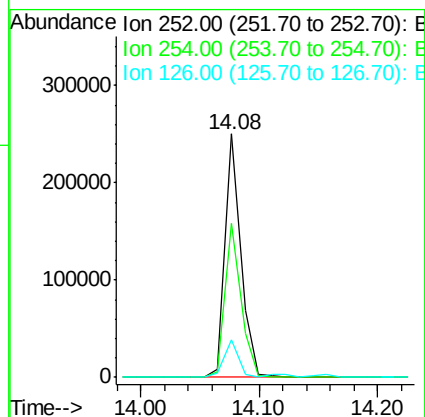
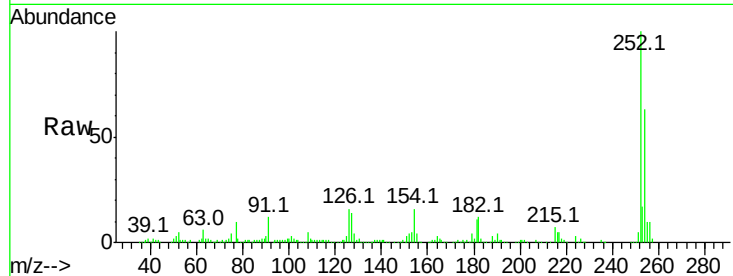




#81
 3,3'-Dichlorobenzidine
 Concen: 27.15 ng
 RT: 14.08 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF092708.D
 Acq: 1 Feb 2017 17:03

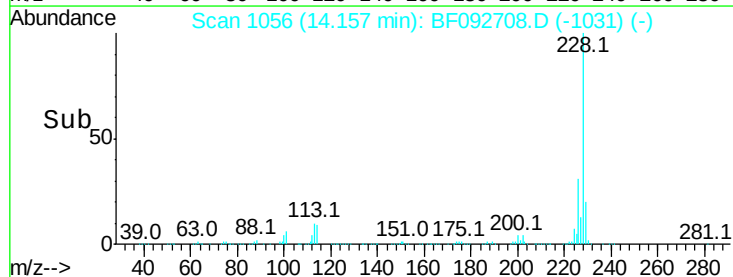
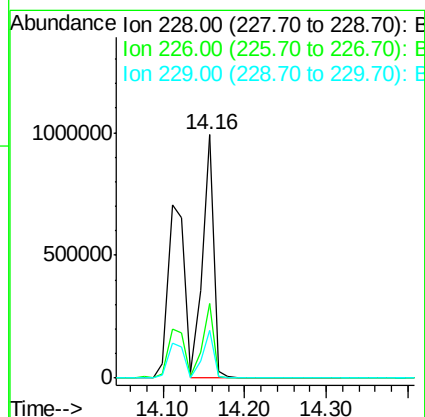
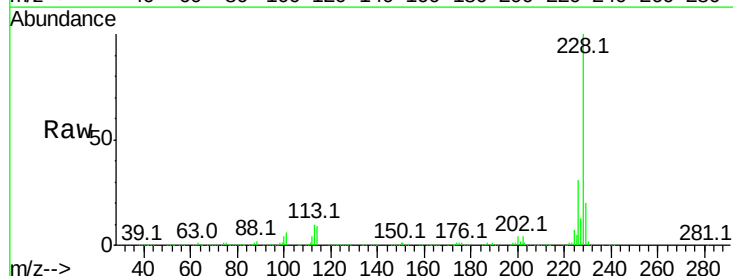
Instrument :
 BNA_F
 ClientSampleId :
 SS-2MS

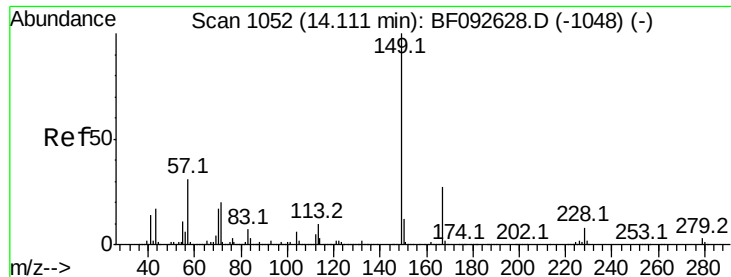
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.1	52.3	78.5
126	15.6	13.6	20.4



#82
 Chrysene
 Concen: 43.22 ng
 RT: 14.16 min Scan# 1056
 Delta R.T. -0.01 min
 Lab File: BF092708.D
 Acq: 1 Feb 2017 17:03

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	25.4	38.0
229	19.8	16.2	24.2

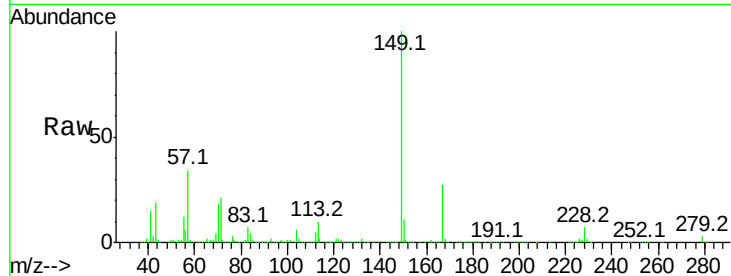




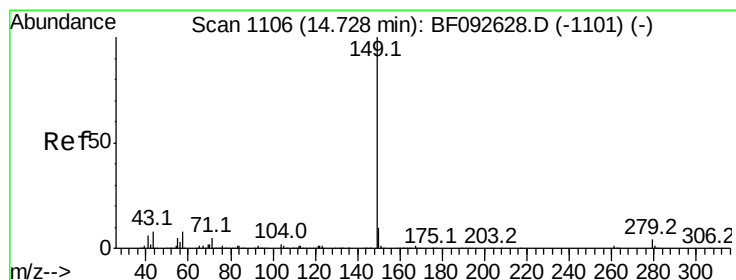
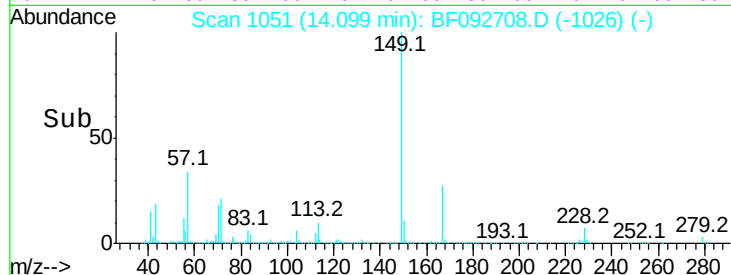
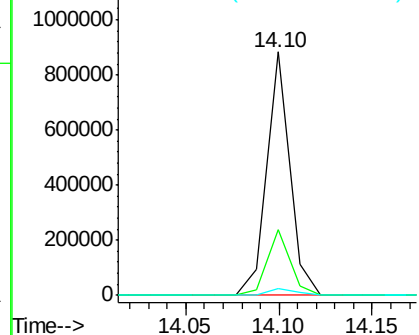
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 46.84 ng
 RT: 14.10 min Scan# 1051
 Delta R.T. -0.01 min
 Lab File: BF092708.D
 Acq: 1 Feb 2017 17:03

Instrument :
 BNA_F
 ClientSampleId :
 SS-2MS

Tot Ion:149 Resp: 752862
 Ion Ratio Lower Upper
 149 100
 167 26.8 20.2 30.4
 279 2.6 1.8 2.8

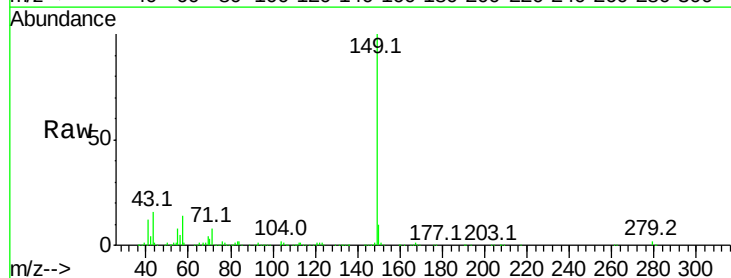


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

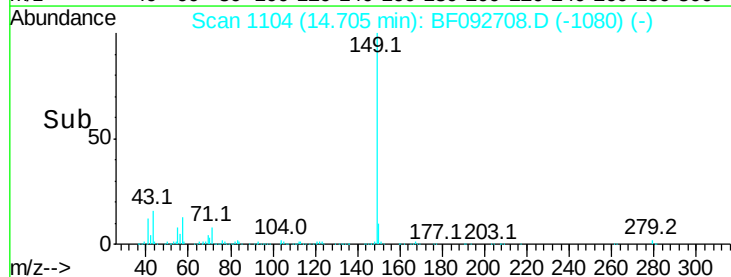
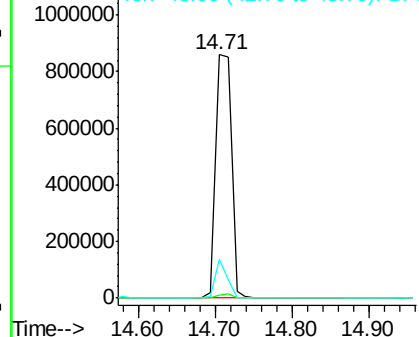


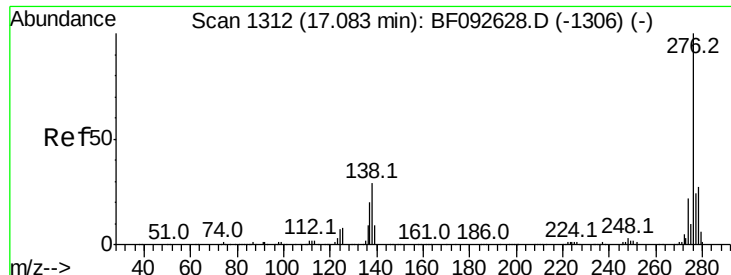
#84
 Di-n-octyl phthalate
 Concen: 46.24 ng
 RT: 14.71 min Scan# 1104
 Delta R.T. -0.02 min
 Lab File: BF092708.D
 Acq: 1 Feb 2017 17:03

Tgt Ion:149 Resp: 1210417
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.9 8.9 13.3



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0





#85

Indeno(1,2,3-cd)pyrene

Concen: 49.71 ng

RT: 17.07 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SS-2MS

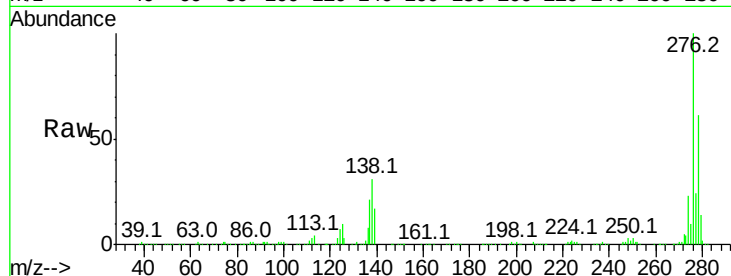
Tot Ion:276 Resp: 852802

Ion Ratio Lower Upper

276 100

138 32.7 21.8 32.6#

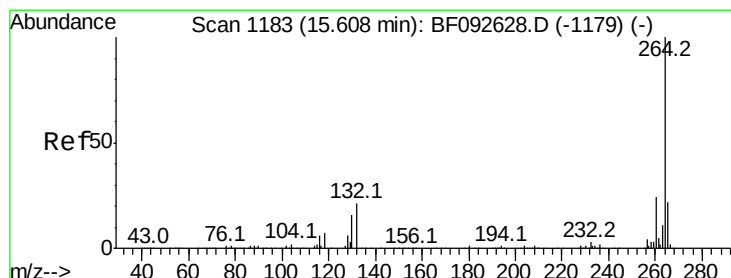
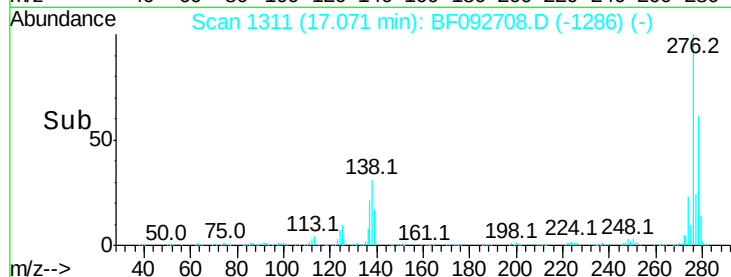
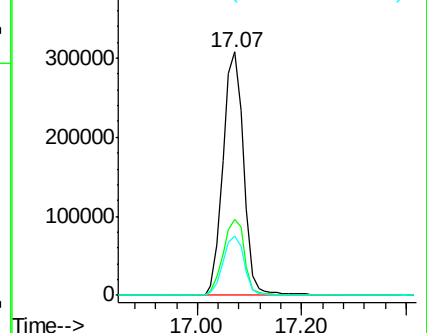
277 25.0 20.2 30.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.60 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

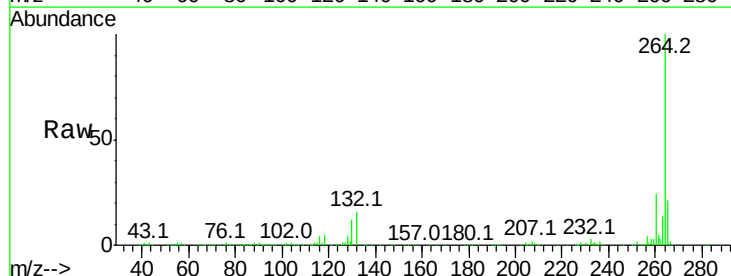
Tgt Ion:264 Resp: 340150

Ion Ratio Lower Upper

264 100

260 24.2 19.2 28.8

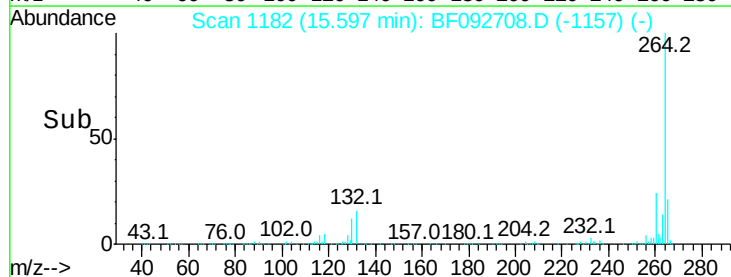
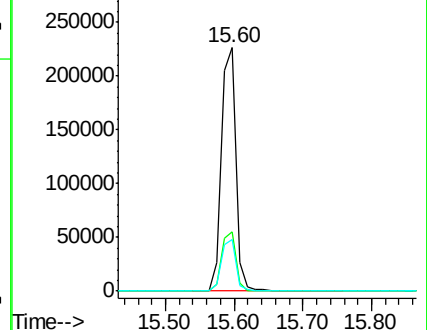
265 21.0 17.4 26.0

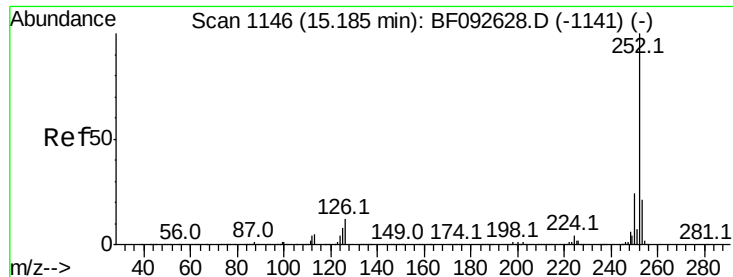


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 35.46 ng m

RT: 15.16 min Scan# 1144

Delta R.T. -0.02 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SS-2MS

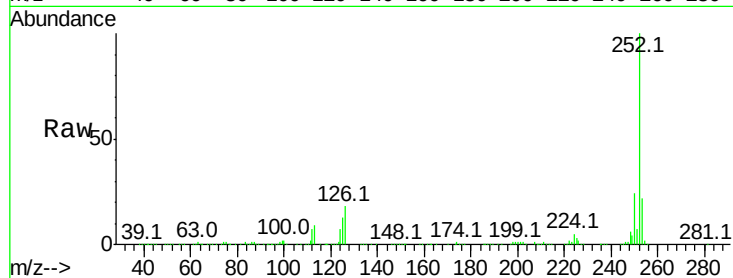
Tot Ion:252 Resp: 793832

Ion Ratio Lower Upper

252 100

253 21.8 18.2 27.4

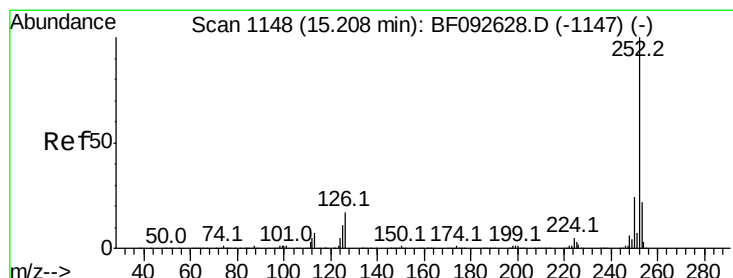
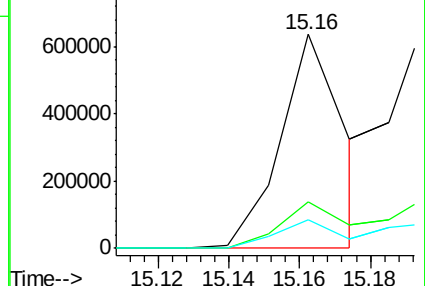
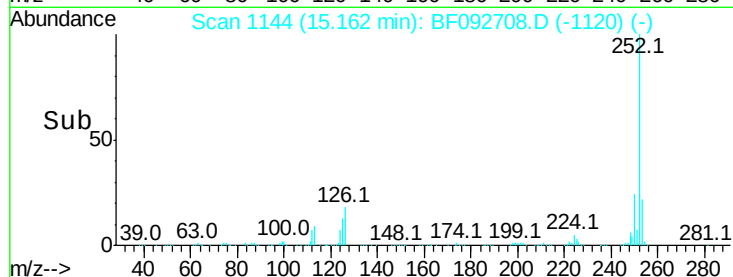
125 13.5 9.8 14.6



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 42.88 ng m

RT: 15.20 min Scan# 1147

Delta R.T. -0.01 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

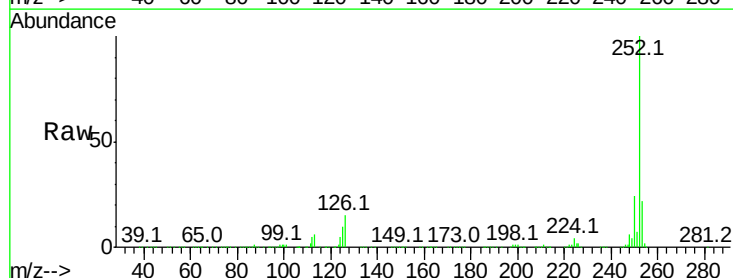
Tgt Ion:252 Resp: 828915

Ion Ratio Lower Upper

252 100

253 22.0 18.5 27.7

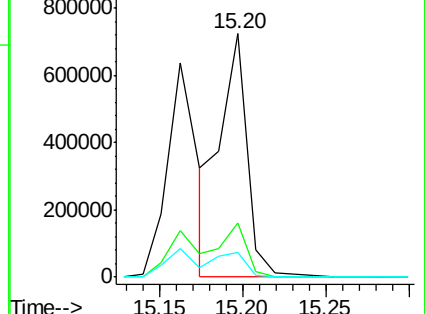
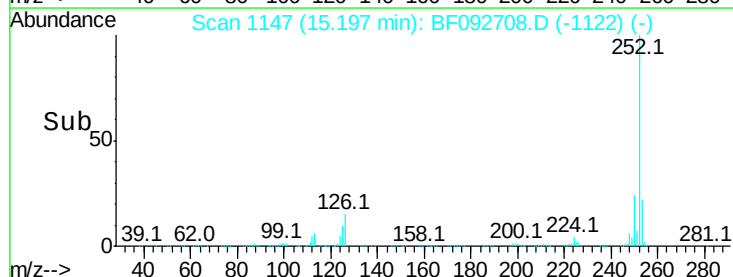
125 10.0 8.9 13.3

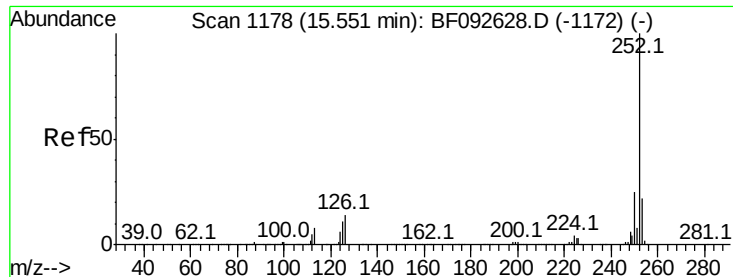


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 40.67 ng

RT: 15.53 min Scan# 1176

Delta R.T. -0.02 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SS-2MS

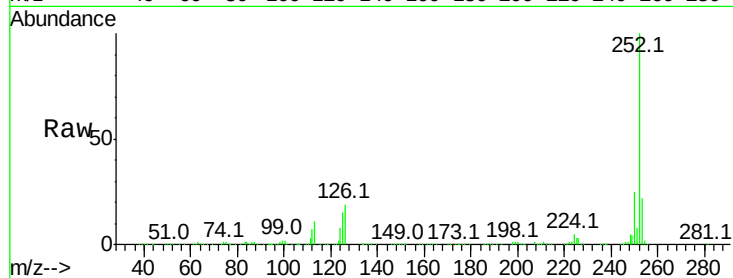
Tot Ion:252 Resp: 787628

Ion Ratio Lower Upper

252 100

253 22.2 18.2 27.2

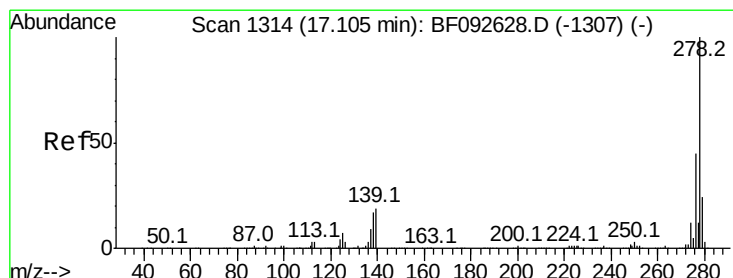
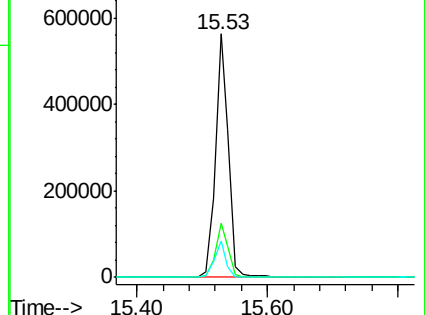
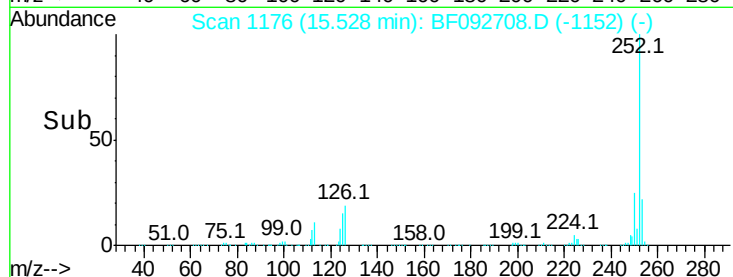
125 14.9 10.0 15.0



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 45.13 ng

RT: 17.08 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

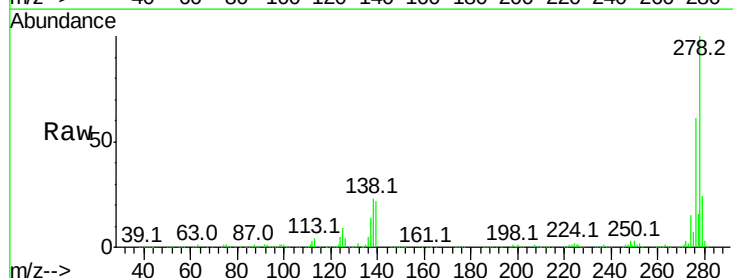
Tgt Ion:278 Resp: 706374

Ion Ratio Lower Upper

278 100

139 22.0 14.8 22.2

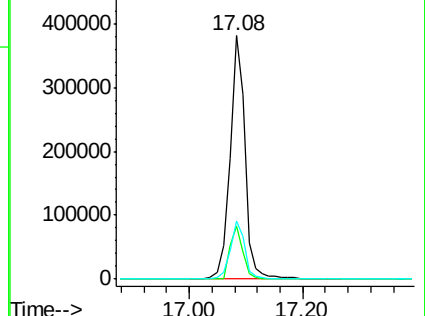
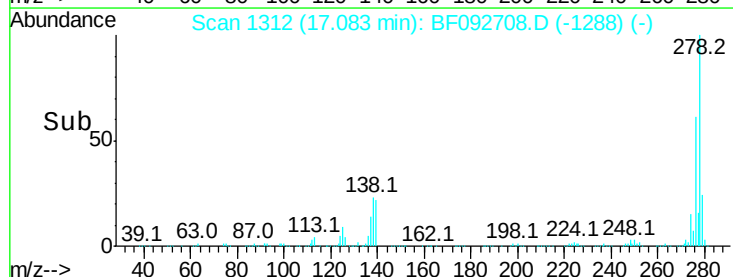
279 23.8 19.8 29.6

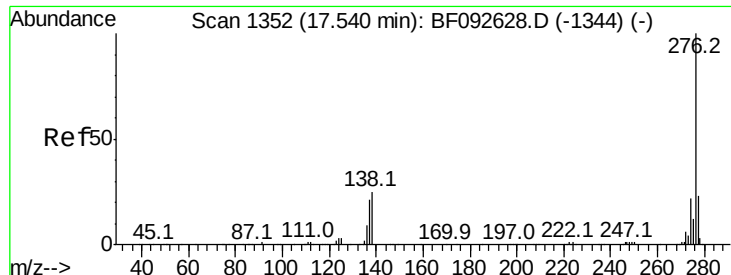


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 47.02 ng

RT: 17.52 min Scan# 1350

Delta R.T. -0.02 min

Lab File: BF092708.D

Acq: 1 Feb 2017 17:03

Instrument :

BNA_F

ClientSampleId :

SS-2MS

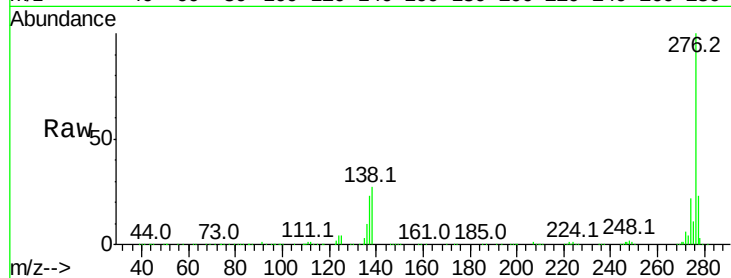
Tot Ion:276 Resp: 743483

Ion Ratio Lower Upper

276 100

277 23.2 19.2 28.8

138 27.4 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

