

Data Path : Z:\HPCHEM1\BNA F\Data\BF022317\
 Data File : BF093100.D
 Acq On : 23 Feb 2017 10:39
 Operator : SJ/MA
 Sample : PB97103BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97103BS

Quant Time: Feb 23 12:30:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	156010	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	646656	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	305855	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	527246	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	376085	20.00	ng	-0.02
86) Perylene-d12	15.43	264	281569	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1244943	136.90	ng	0.00
7) Phenol-d6	6.49	99	1497422	127.98	ng	0.00
23) Nitrobenzene-d5	7.41	82	897628	77.30	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	271611	122.78	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1594866	94.47	ng	-0.01
78) Terphenyl-d14	12.95	244	1311966	81.97	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.49	88	170004	34.60	ng	# 83
3) Pyridine	3.20	79	451452	36.13	ng	89
4) n-Nitrosodimethylamine	3.16	42	227233	38.73	ng	91
6) Aniline	6.50	93	315010	19.74	ng	# 38
8) 2-Chlorophenol	6.62	128	404666	40.34	ng	93
9) Benzaldehyde	6.38	77	203860	24.32	ng	95
10) Phenol	6.50	94	611974	44.70	ng	81
11) bis(2-Chloroethyl)ether	6.58	93	422479	38.67	ng	94
12) 1,3-Dichlorobenzene	6.78	146	458990	39.06	ng	97
13) 1,4-Dichlorobenzene	6.85	146	463848	39.00	ng	99
14) 1,2-Dichlorobenzene	7.01	146	449281	39.51	ng	97
15) Benzyl Alcohol	6.99	79	332114	38.34	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	752299	39.63	ng	94
17) 2-Methylphenol	7.10	107	342627	39.81	ng	98
18) Hexachloroethane	7.36	117	165591	40.79	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	302065	40.56	ng	99
20) 3+4-Methylphenols	7.26	107	430626	41.85	ng	94
22) Acetophenone	7.25	105	567602	38.44	ng	# 97
24) Nitrobenzene	7.44	77	497395	41.71	ng	# 89
25) Isophorone	7.68	82	862425	39.86	ng	99
26) 2-Nitrophenol	7.76	139	236583	41.74	ng	# 78
27) 2,4-Dimethylphenol	7.79	122	376181	37.79	ng	98
28) bis(2-Chloroethoxy)methane	7.88	93	518042	36.15	ng	98
29) 2,4-Dichlorophenol	8.00	162	389216	41.92	ng	94
30) 1,2,4-Trichlorobenzene	8.08	180	389815	38.96	ng	98
31) Naphthalene	8.16	128	1228517	37.48	ng	99
32) Benzoic acid	7.94	122	207099	38.40	ng	89
33) 4-Chloroaniline	8.20	127	129561	10.08	ng	95
34) Hexachlorobutadiene	8.27	225	205982	37.42	ng	99
35) Caprolactam	8.58	113	79943	27.38	ng	# 36
36) 4-Chloro-3-methylphenol	8.69	107	368181	38.04	ng	97
37) 2-Methylnaphthalene	8.84	142	800934	38.05	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	368808	42.96	ng	98
40) Hexachlorocyclopentadiene	8.99	237	262908	67.87	ng	97

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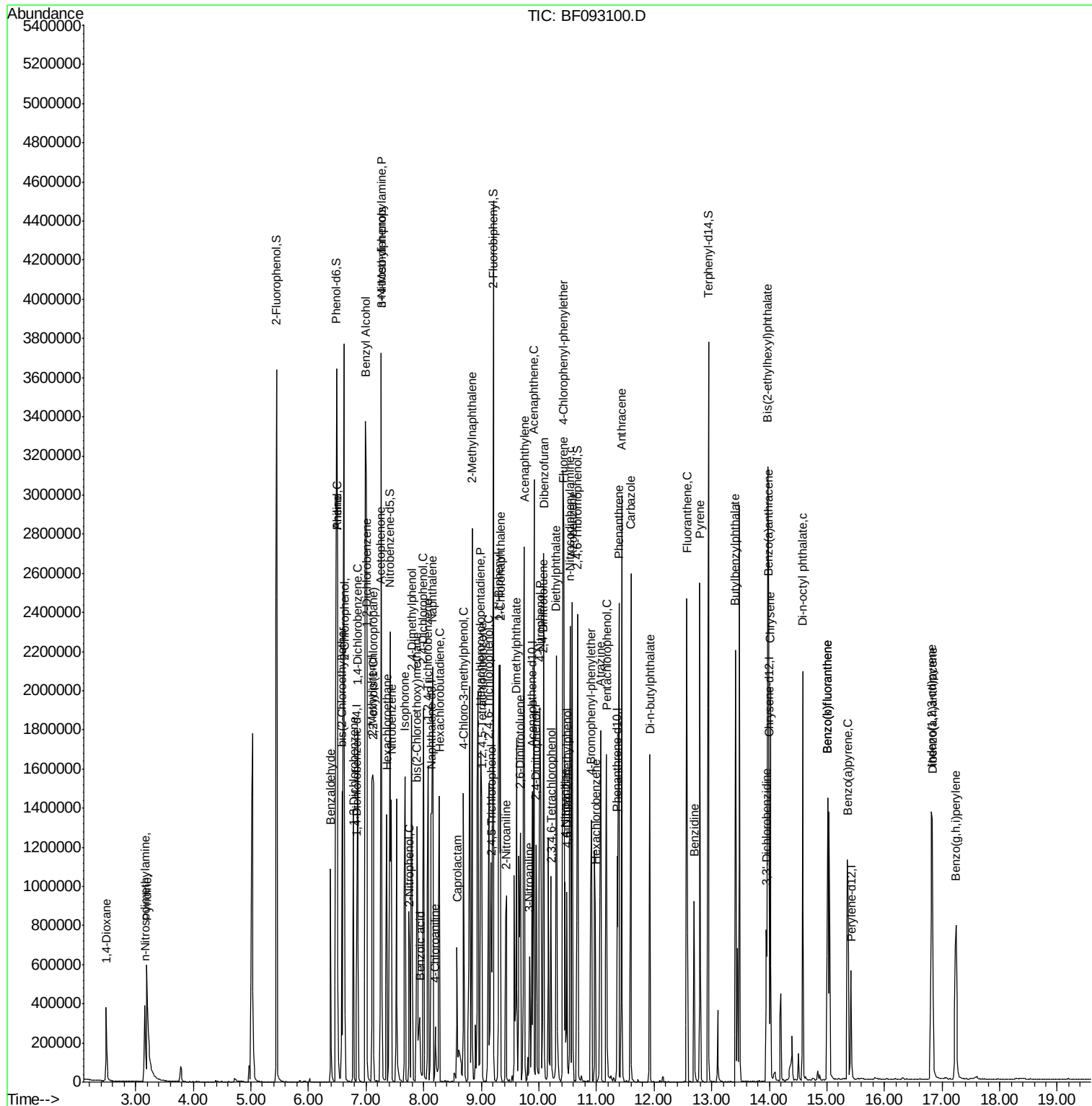
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	259356	45.97	nq	94
43) 2,4,5-Trichlorophenol	9.17	196	242803	39.28	nq	# 81
45) 1,1'-Biphenyl	9.31	154	963618	43.51	nq	99
46) 2-Chloronaphthalene	9.33	162	781802	45.12	nq	97
47) 2-Nitroaniline	9.42	65	244861	42.04	nq	88
48) Acenaphthylene	9.74	152	1205668	40.28	nq	99
49) Dimethylphthalate	9.61	163	837824	40.67	nq	98
50) 2,6-Dinitrotoluene	9.68	165	215925	48.53	nq	88
51) Acenaphthene	9.92	154	713813	39.89	nq	97
52) 3-Nitroaniline	9.84	138	99398	19.52	nq	91
53) 2,4-Dinitrophenol	9.95	184	166961	74.14	nq	# 53
54) Dibenzofuran	10.09	168	1022521	42.72	nq	95
55) 4-Nitrophenol	10.02	139	313544	85.50	nq	84
56) 2,4-Dinitrotoluene	10.08	165	226355	38.21	nq	94
57) Fluorene	10.43	166	823970	44.75	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.21	232	190743	46.26	nq	96
59) Diethylphthalate	10.30	149	807749	41.60	nq	99
60) 4-Chlorophenyl-phenylether	10.42	204	355614	40.20	nq	89
61) 4-Nitroaniline	10.45	138	182770	35.05	nq	92
62) Azobenzene	10.58	77	965719	48.15	nq	96
64) 4,6-Dinitro-2-methylphenol	10.49	198	140842	44.11	nq	82
65) n-Nitrosodiphenylamine	10.54	169	730304	43.36	nq	99
66) 4-Bromophenyl-phenylether	10.91	248	224523	40.76	nq	# 84
67) Hexachlorobenzene	10.98	284	213324	39.19	nq	# 87
68) Atrazine	11.07	200	243457	45.04	nq	98
69) Pentachlorophenol	11.17	266	221963	79.08	nq	95
70) Phenanthrene	11.39	178	1208981	40.02	nq	98
71) Anthracene	11.44	178	1115232	36.76	nq	99
72) Carbazole	11.60	167	1102803	38.03	nq	98
73) Di-n-butylphthalate	11.93	149	1323734	42.21	nq	# 96
74) Fluoranthene	12.57	202	1050500	33.72	nq	98
76) Benzidine	12.69	184	348303	21.73	nq	97
77) Pyrene	12.80	202	1044980	37.13	nq	99
79) Butylbenzylphthalate	13.41	149	514161	44.99	nq	95
80) Benzo(a)anthracene	13.99	228	788013	34.26	nq	99
81) 3,3'-Dichlorobenzidine	13.95	252	191347	23.34	nq	# 95
82) Chrysene	14.02	228	695888	32.31	nq	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	699744	44.77	nq	# 98
84) Di-n-octyl phthalate	14.58	149	1089741	42.81	nq	100
85) Indeno(1,2,3-cd)pyrene	16.82	276	730683	43.80	nq	# 93
87) Benzo(b)fluoranthene	15.01	252	1288813	69.54	nq	100
88) Benzo(k)fluoranthene	15.01	252	1289271	80.57	nq	98
89) Benzo(a)pyrene	15.36	252	631147	39.37	nq	# 95
90) Dibenzo(a,h)anthracene	16.83	278	607067	46.85	nq	97
91) Benzo(g,h,i)perylene	17.24	276	638086	48.75	nq	# 92

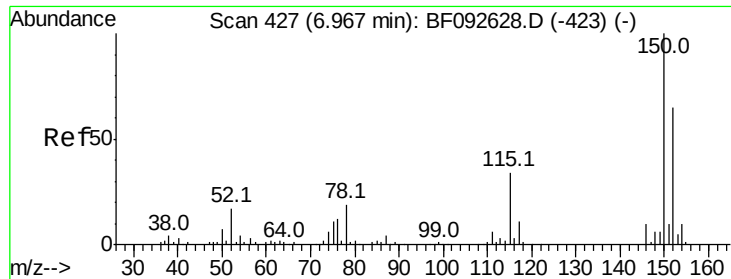
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

PB97103BS

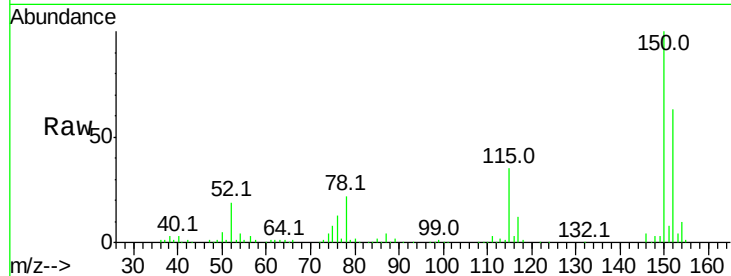
Tot Ion:152 Resp: 156010

Ion Ratio Lower Upper

152 100

150 159.8 124.9 187.3

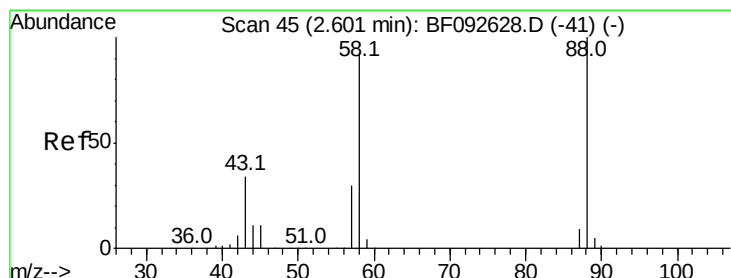
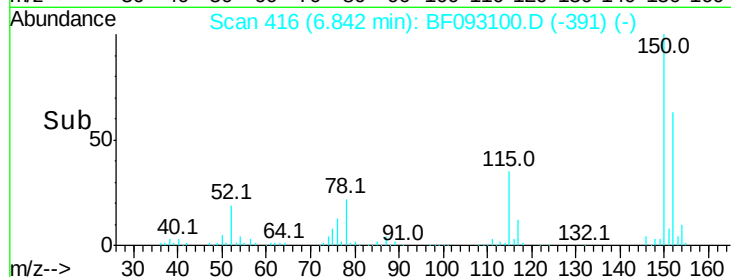
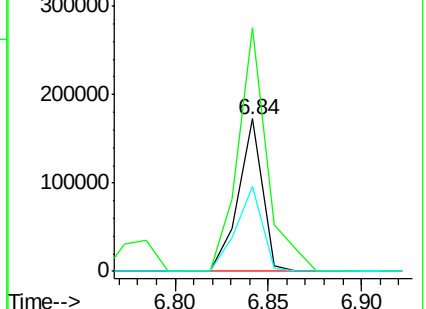
115 56.0 46.0 69.0



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: 34.60 ng

RT: 2.49 min Scan# 35

Delta R.T. 0.06 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

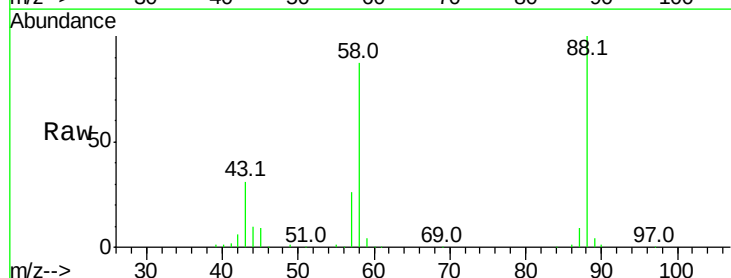
Tgt Ion: 88 Resp: 170004

Ion Ratio Lower Upper

88 100

58 90.0 57.8 86.8#

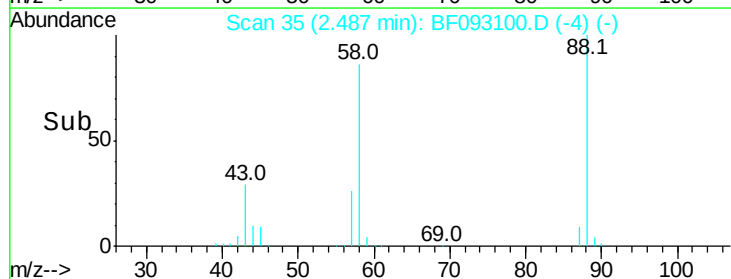
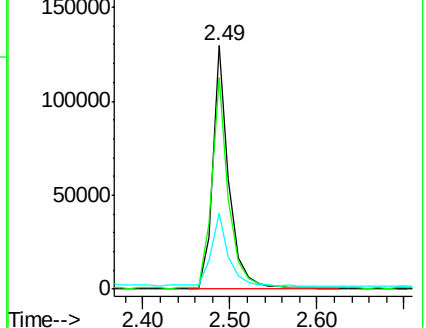
43 31.2 22.3 33.5

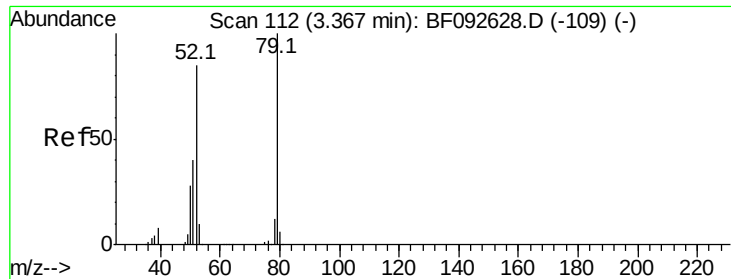


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 36.13 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.05 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

Instrument :

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ClientSampleId :

PB97103BS

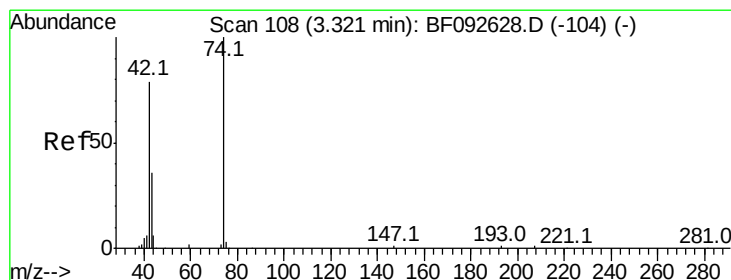
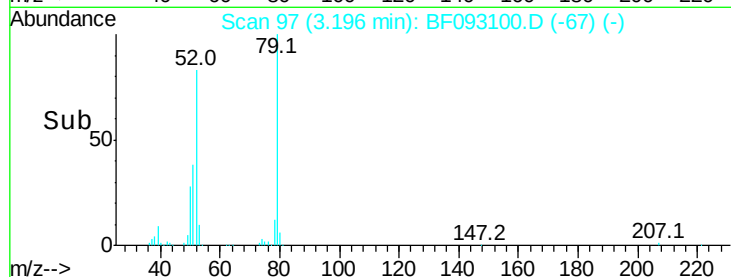
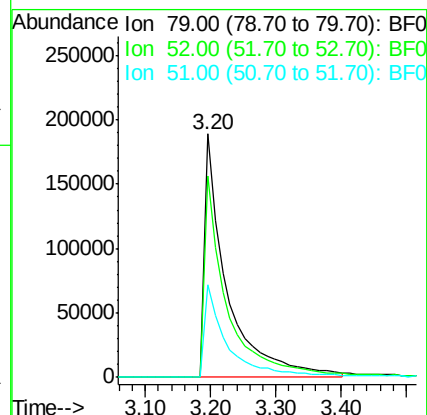
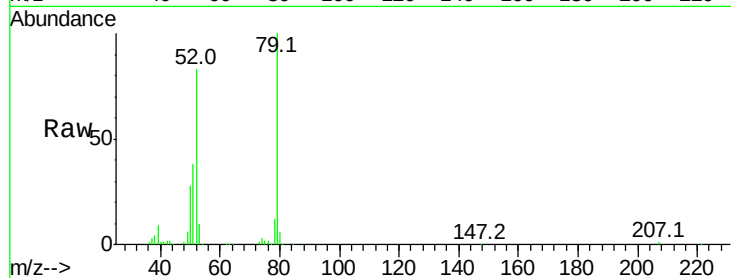
Tot Ion: 79 Resp: 451452

Ion Ratio Lower Upper

79 100

52 82.6 57.1 85.7

51 38.1 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 38.73 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.06 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

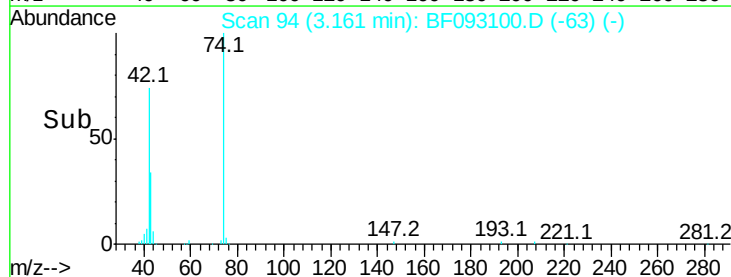
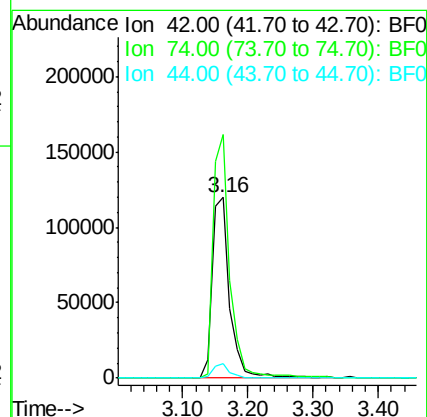
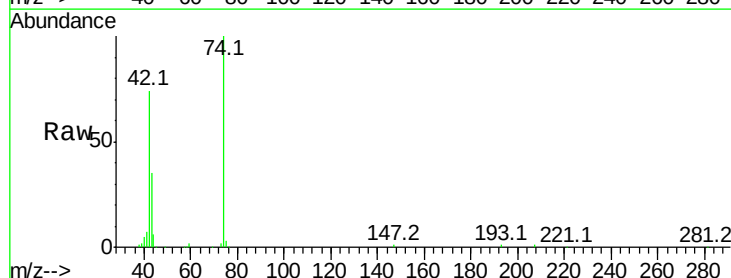
Tgt Ion: 42 Resp: 227233

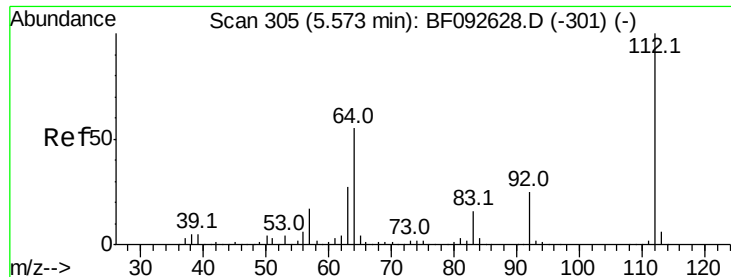
Ion Ratio Lower Upper

42 100

74 135.0 117.0 175.4

44 8.2 5.5 8.3





#5

2-Fluorophenol

Concen: 136.90 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

Instrument :

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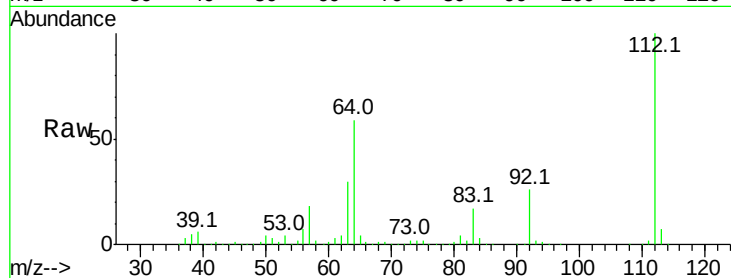
Tot Ion:112 Resp: 1244943

Ion Ratio Lower Upper

112 100

64 59.2 46.1 69.1

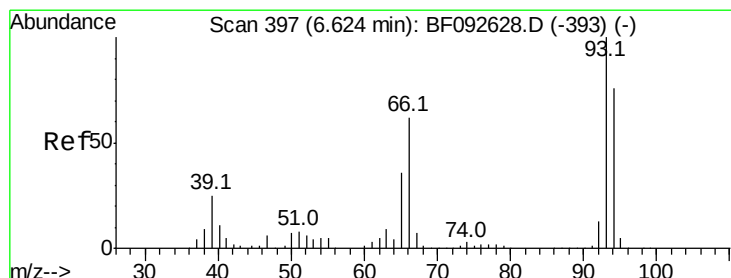
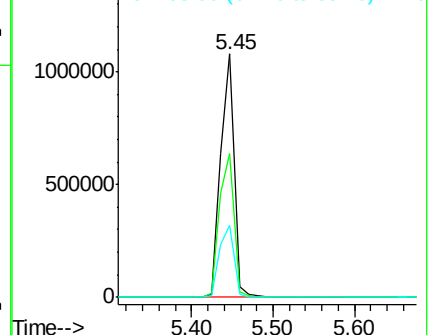
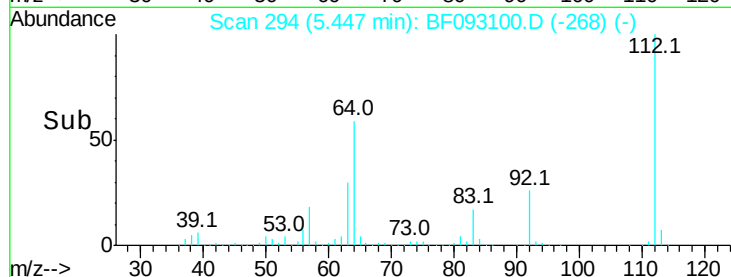
63 29.6 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 19.74 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

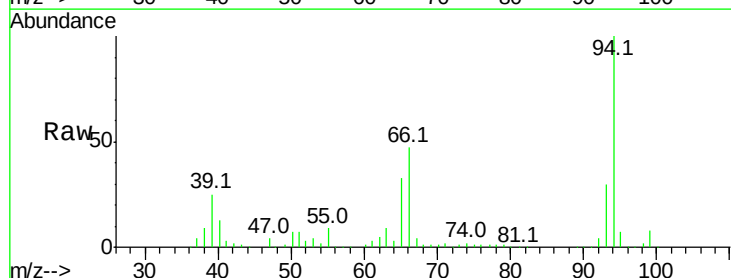
Tgt Ion: 93 Resp: 315010

Ion Ratio Lower Upper

93 100

66 156.2 76.2 114.2#

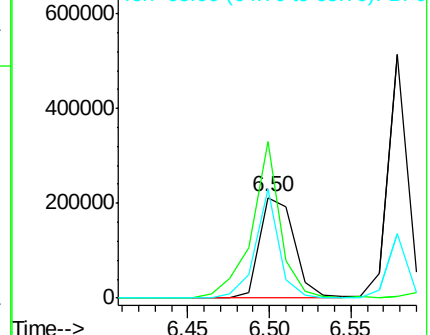
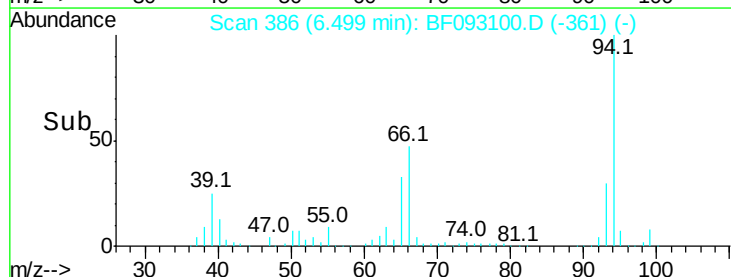
65 109.0 49.3 73.9#

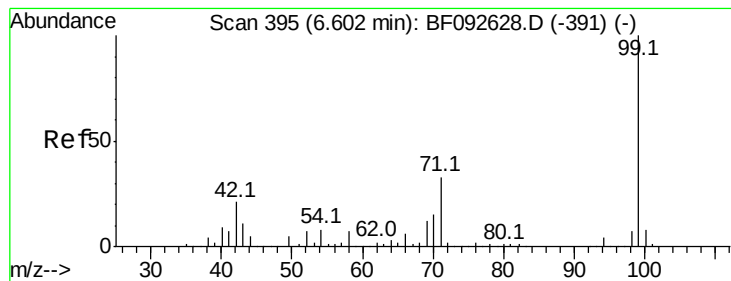


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 127.98 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF093100.D

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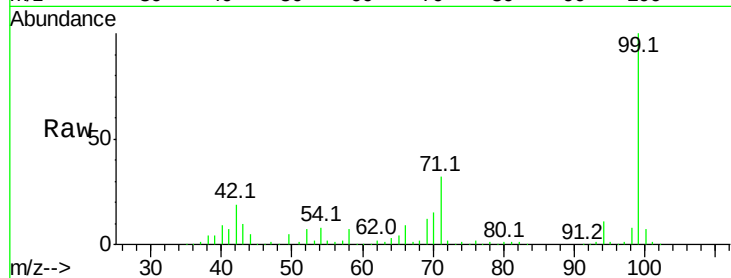
Tot Ion: 99 Resp: 1497422

Ion Ratio Lower Upper

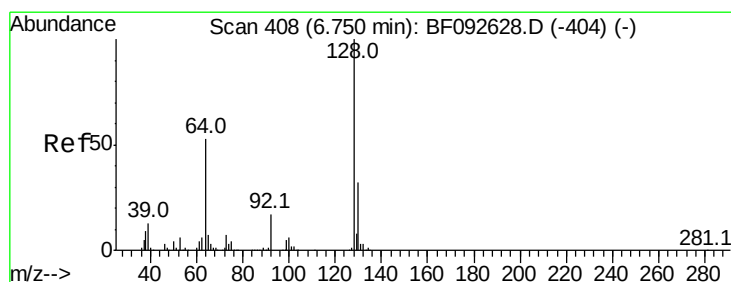
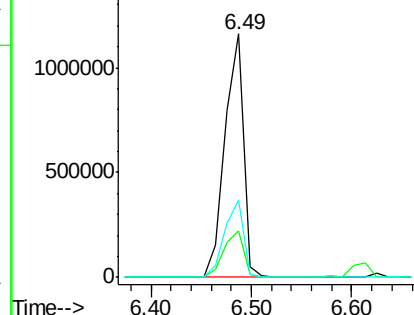
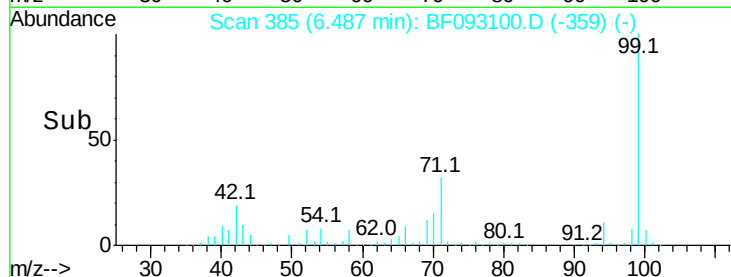
99 100

42 19.0 15.6 23.4

71 31.9 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: 40.34 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

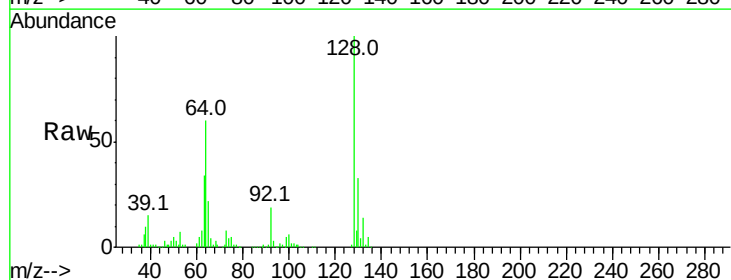
Tgt Ion:128 Resp: 404666

Ion Ratio Lower Upper

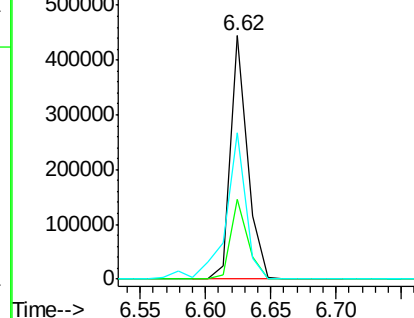
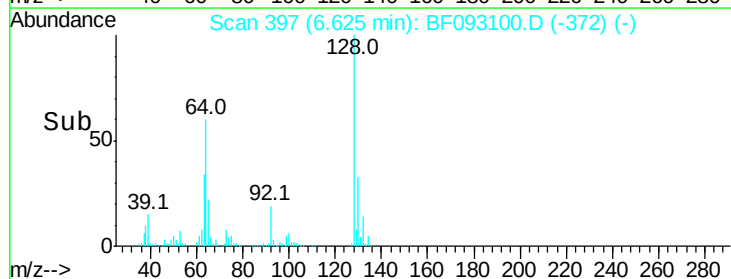
128 100

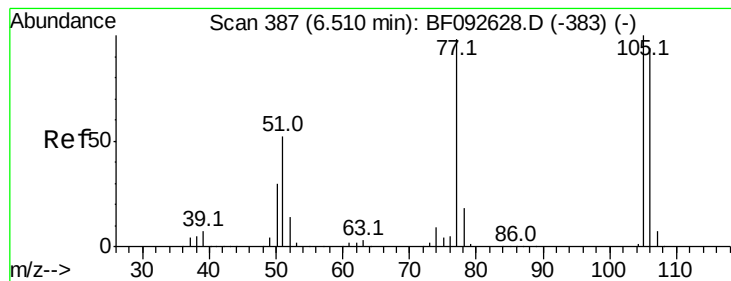
130 32.6 12.3 52.3

64 60.0 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: 24.32 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

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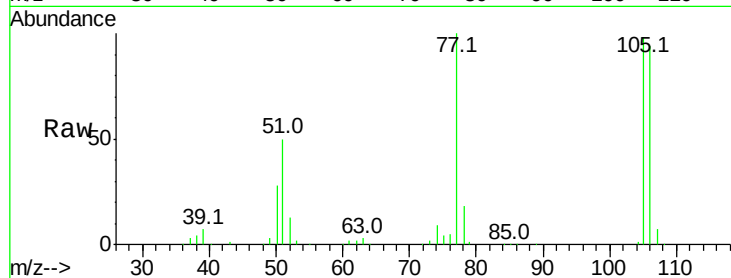
Tot Ion: 77 Resp: 203860

Ion Ratio Lower Upper

77 100

105 97.6 83.9 123.9

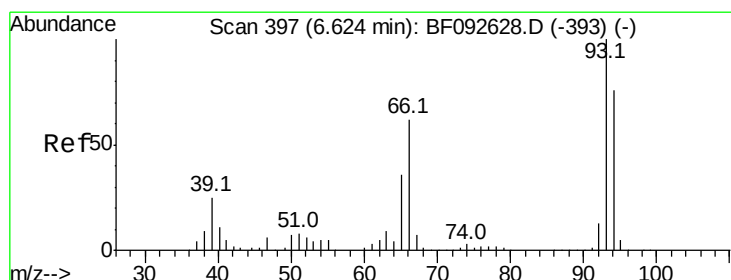
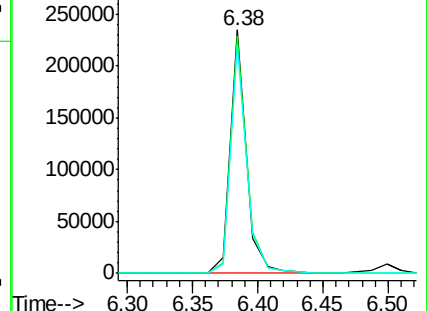
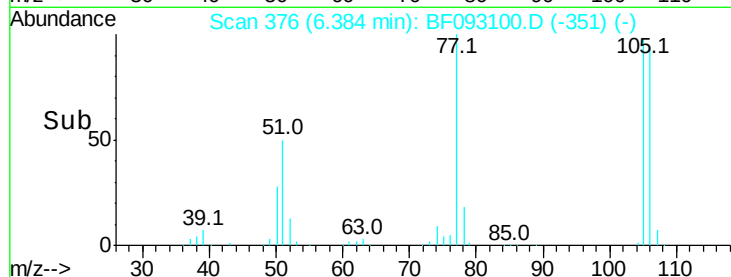
106 93.8 77.6 117.6



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: 44.70 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

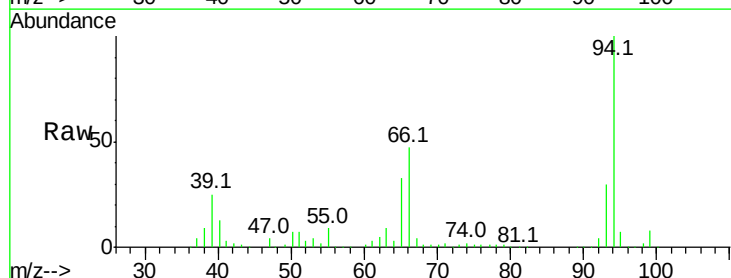
Tgt Ion: 94 Resp: 611974

Ion Ratio Lower Upper

94 100

65 32.7 21.4 61.4

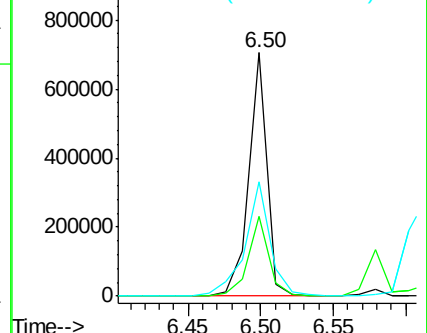
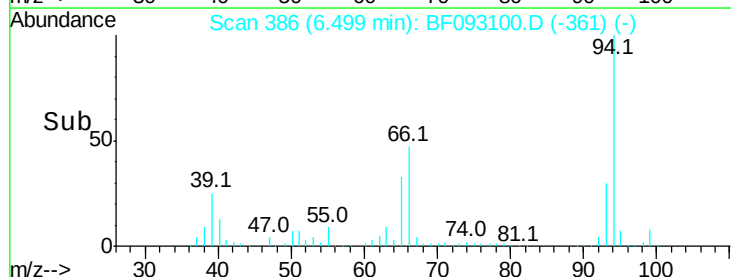
66 46.8 44.0 84.0

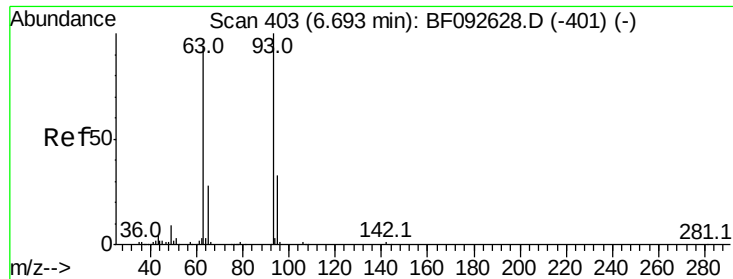


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

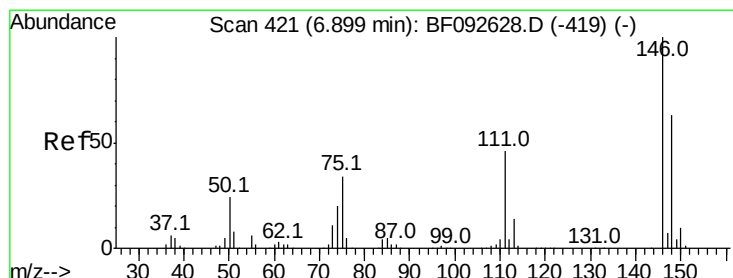
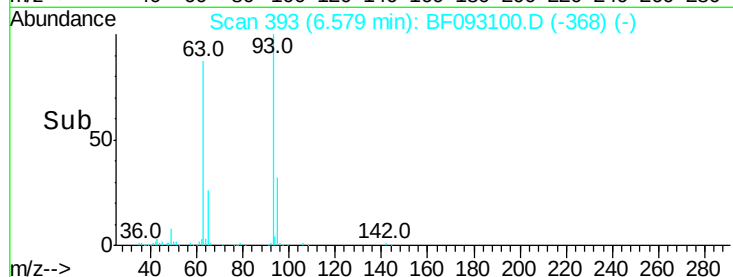
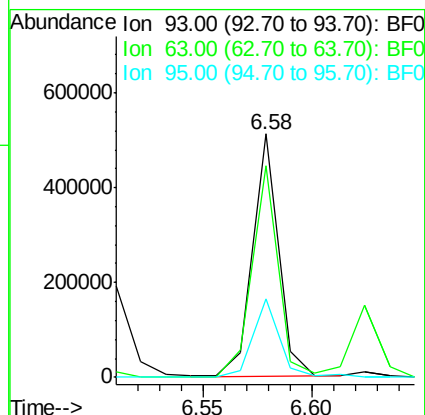
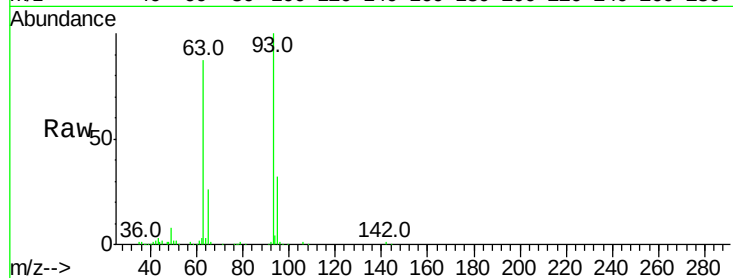




#11
bis(2-Chloroethyl)ether
Concen: 38.67 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF093100.D
Acq: 23 Feb 2017 10:39

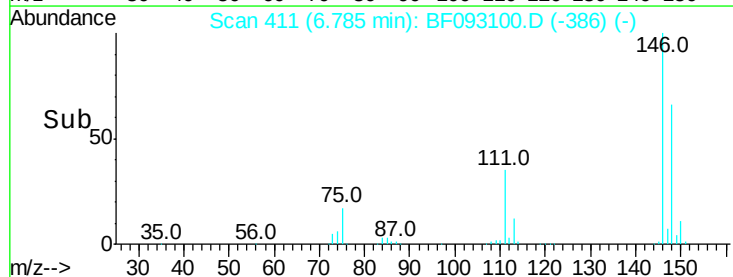
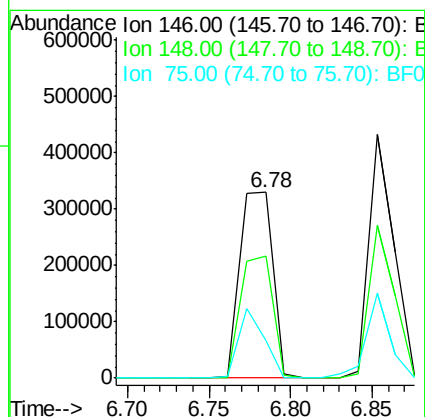
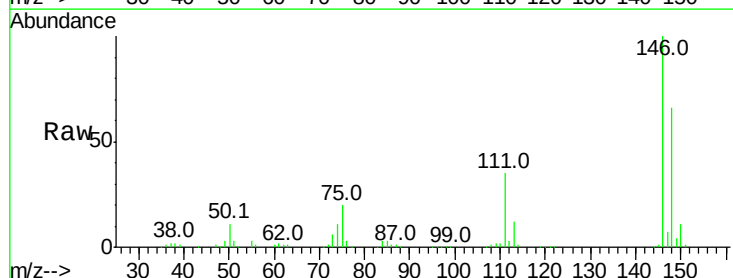
Instrument :
BNA_F
ClientSampleId :
PB97103BS

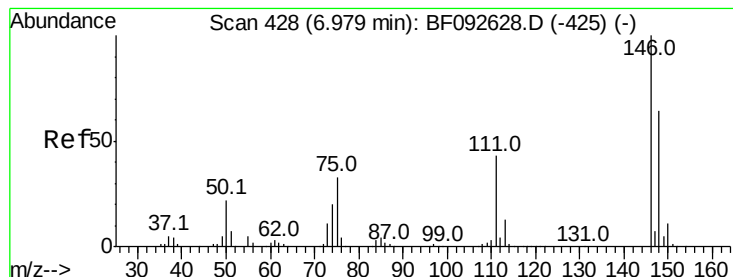
Tot Ion: 93 Resp: 422479
Ion Ratio Lower Upper
93 100
63 86.9 60.4 100.4
95 32.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.06 ng
RT: 6.78 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF093100.D
Acq: 23 Feb 2017 10:39

Tgt Ion: 146 Resp: 458990
Ion Ratio Lower Upper
146 100
148 65.8 53.4 80.0
75 19.9 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 39.00 ng

RT: 6.85 min Scan# 417

Delta R.T. -0.02 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

PB97103BS

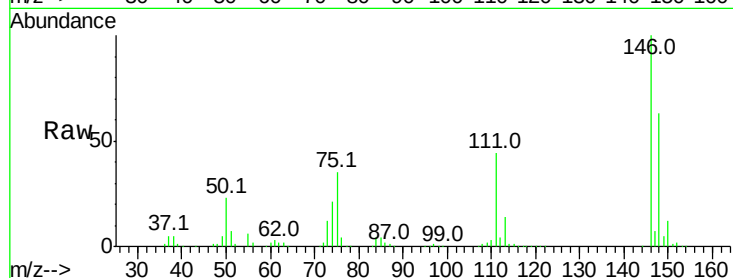
Tot Ion:146 Resp: 463848

Ion Ratio Lower Upper

146 100

148 62.9 50.6 76.0

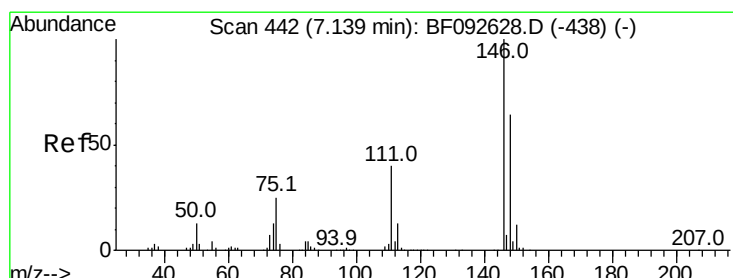
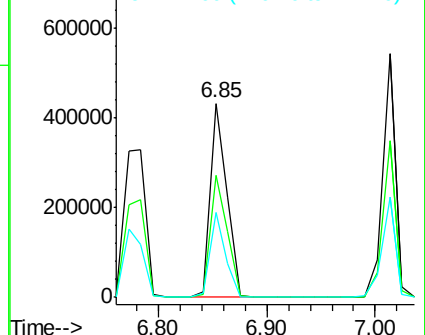
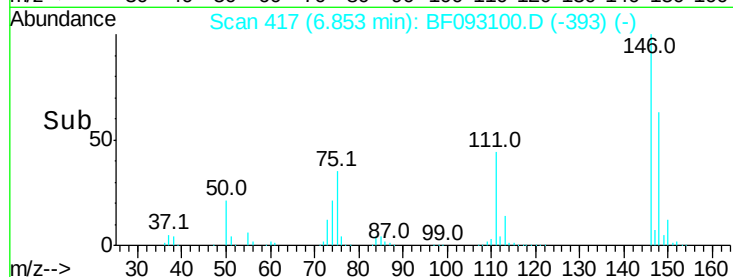
111 43.7 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.51 ng

RT: 7.01 min Scan# 431

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

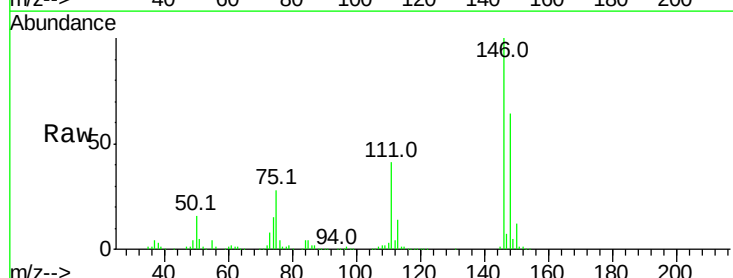
Tgt Ion:146 Resp: 449281

Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

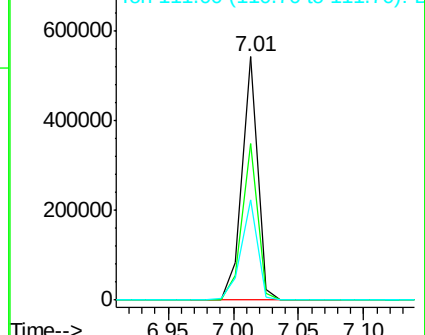
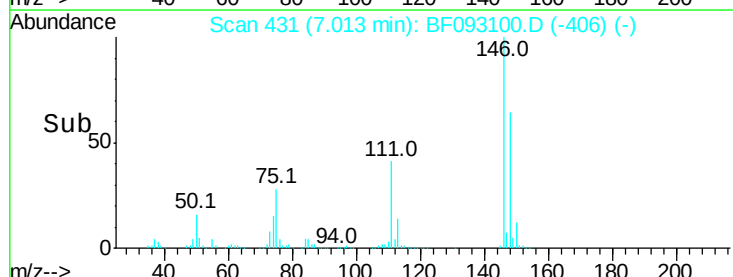
111 41.1 36.2 54.2

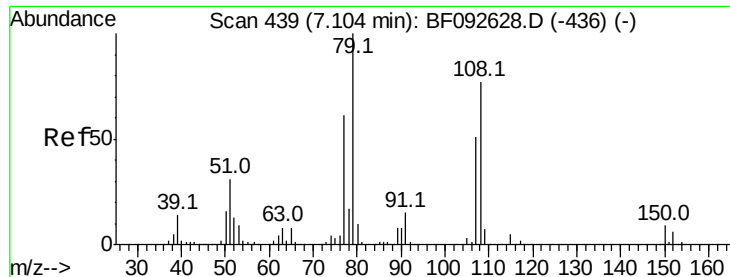


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.34 ng

RT: 6.99 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

PB97103BS

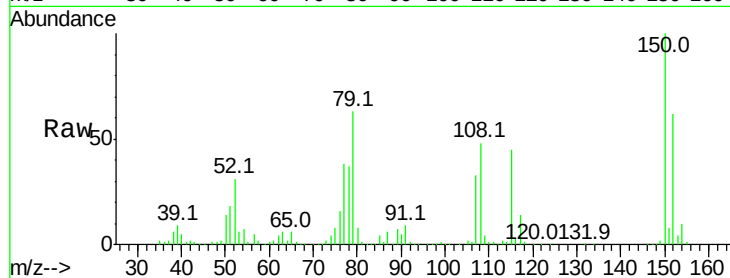
Tot Ion: 79 Resp: 332114

Ion Ratio Lower Upper

79 100

108 76.3 61.4 92.0

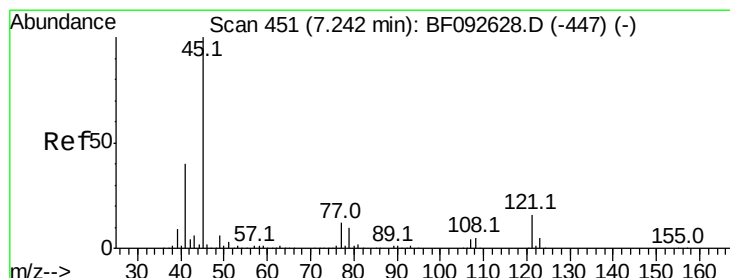
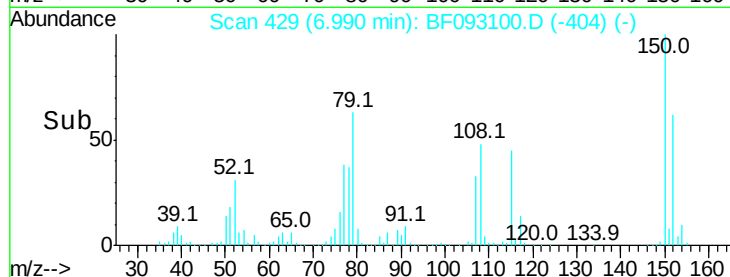
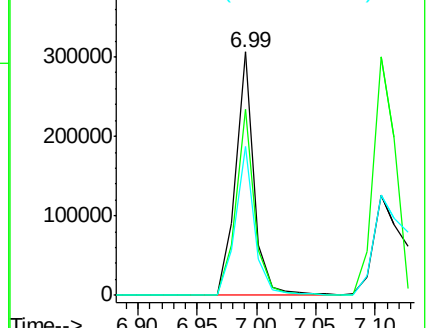
77 60.9 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.63 ng

RT: 7.13 min Scan# 441

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

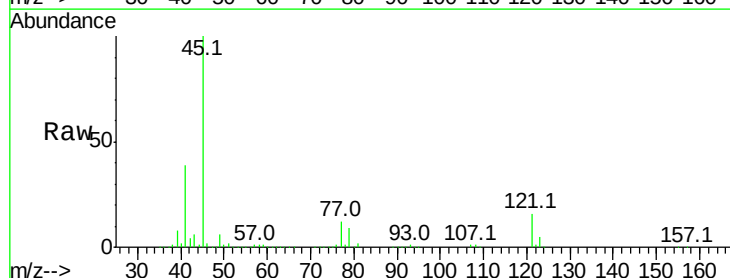
Tgt Ion: 45 Resp: 752299

Ion Ratio Lower Upper

45 100

77 12.1 0.0 34.6

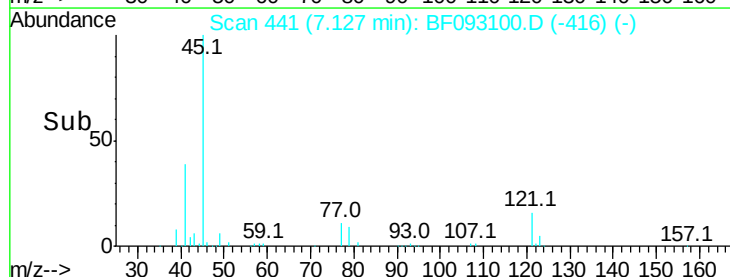
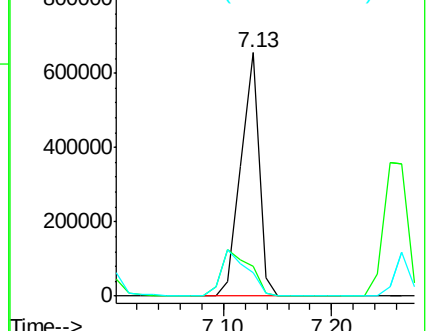
79 9.4 0.0 31.2

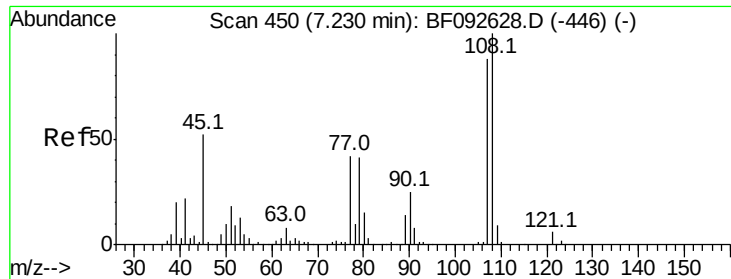


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

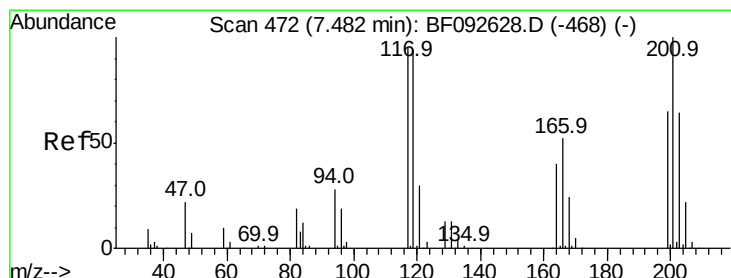
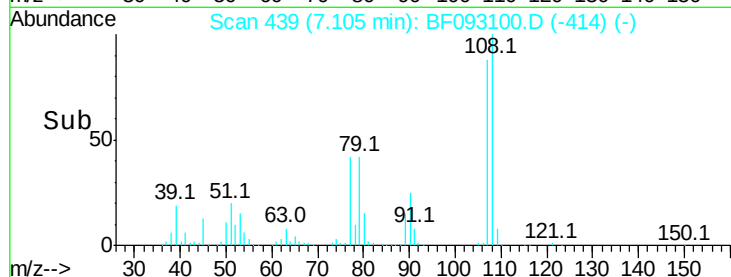
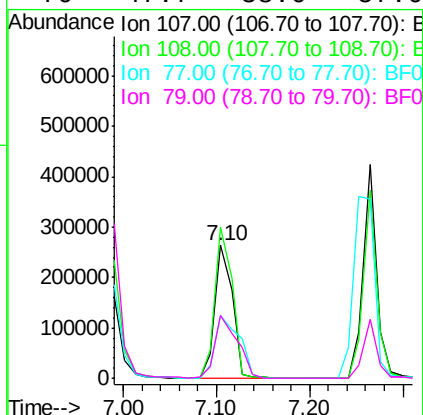
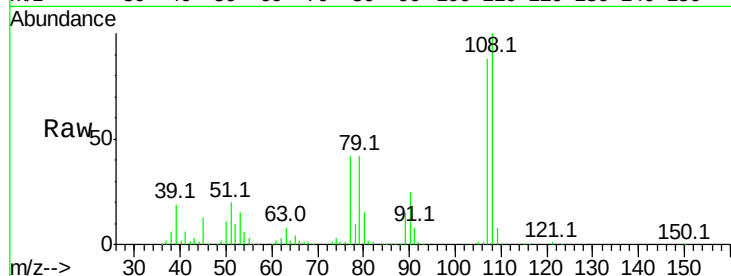




#17
2-Methylphenol
Concen: 39.81 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF093100.D
Acq: 23 Feb 2017 10:39

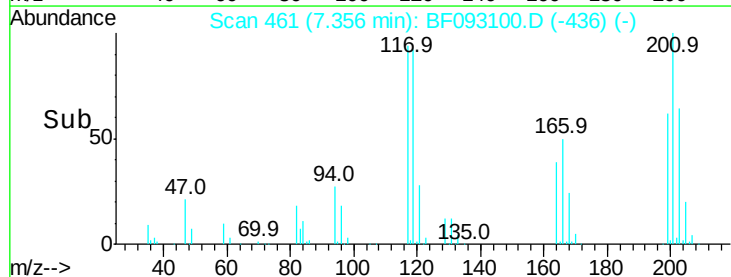
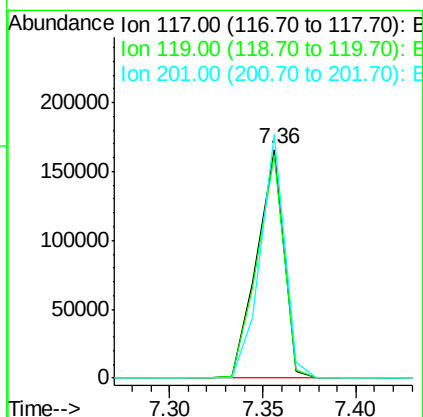
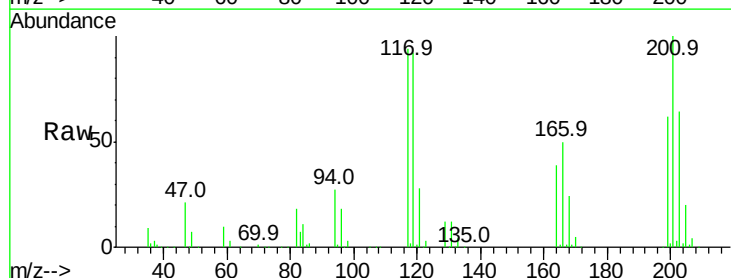
Instrument :
BNA_F
ClientSampleId :
PB97103BS

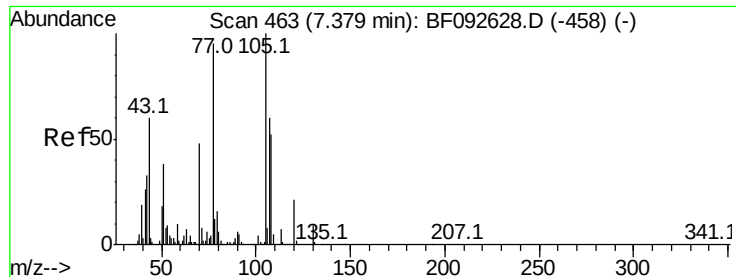
Tot Ion:107 Resp: 342627
Ion Ratio Lower Upper
107 100
108 114.0 93.0 139.6
77 47.7 39.8 59.8
79 47.7 38.0 57.0



#18
Hexachloroethane
Concen: 40.79 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.01 min
Lab File: BF093100.D
Acq: 23 Feb 2017 10:39

Tgt Ion:117 Resp: 165591
Ion Ratio Lower Upper
117 100
119 97.6 78.1 117.1
201 106.6 78.6 117.8

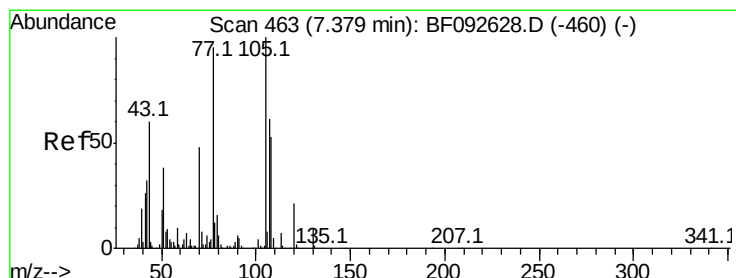
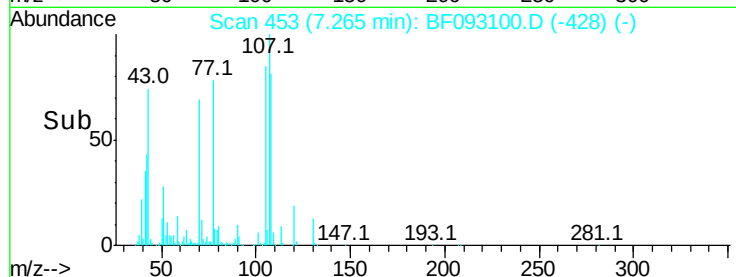
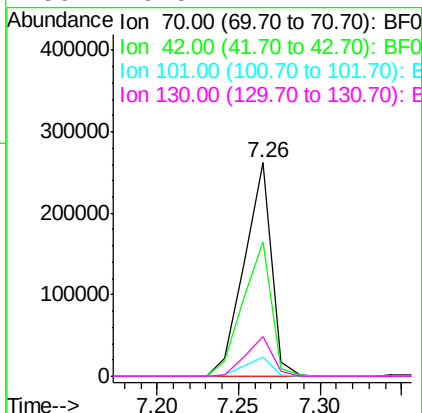
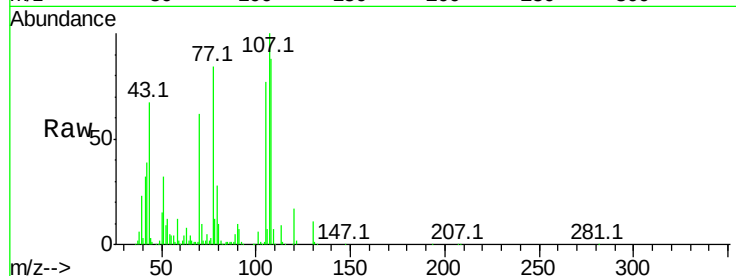




#19
n-Nitroso-di-n-propylamine
Concen: 40.56 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093100.D
Acq: 23 Feb 2017 10:39

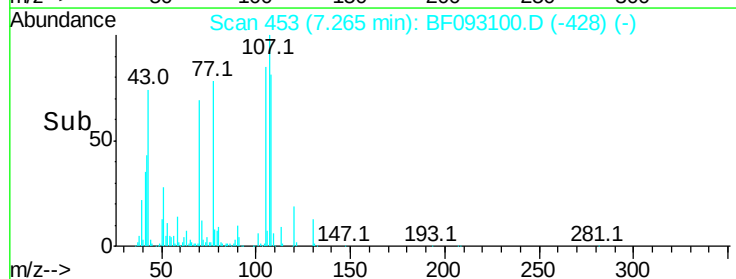
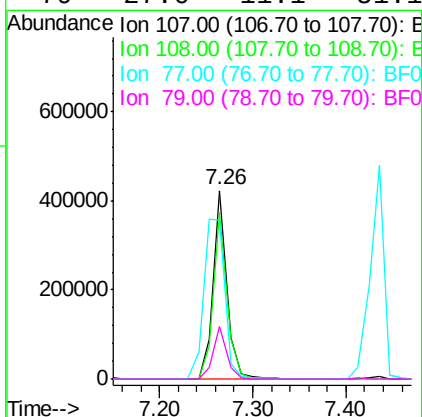
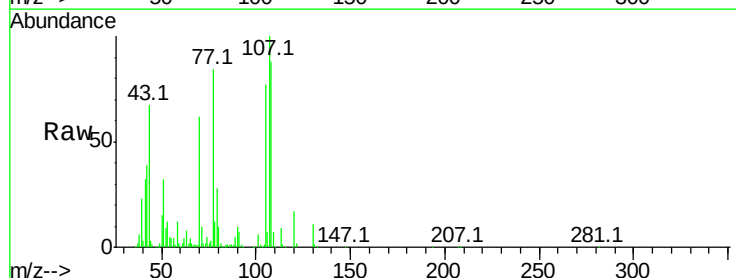
Instrument :
BNA_F
ClientSampleId :
PB97103BS

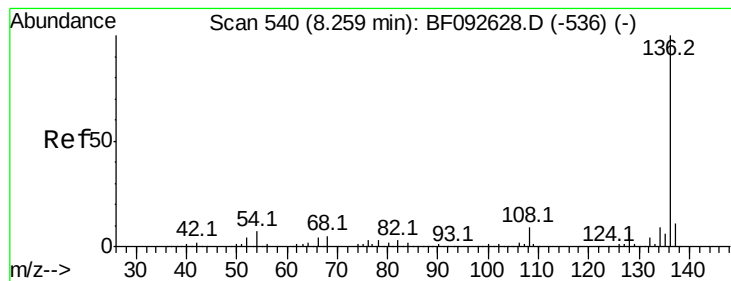
Tot Ion:	70	Resp:	302065
Ion	Ratio	Lower	Upper
70	100		
42	62.7	49.4	74.0
101	9.1	7.4	11.2
130	18.5	14.2	21.4



#20
3+4-Methylphenols
Concen: 41.85 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093100.D
Acq: 23 Feb 2017 10:39

Tgt Ion:	107	Resp:	430626
Ion	Ratio	Lower	Upper
107	100		
108	88.2	73.0	113.0
77	83.8	71.3	111.3
79	27.6	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

PB97103BS

Tot Ion:136 Resp: 646656

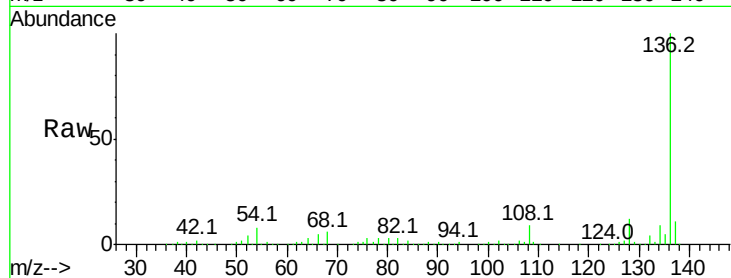
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 8.1 4.5 6.7#

68 5.9 3.6 5.4#

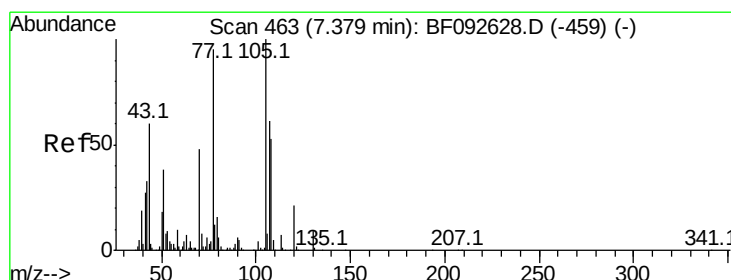
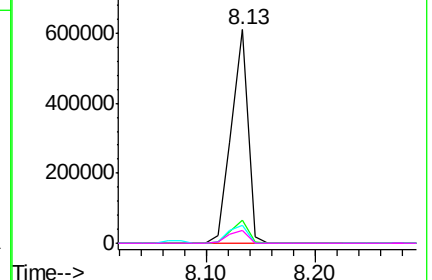
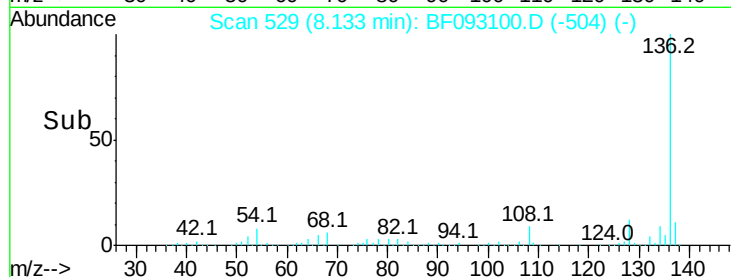


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.44 ng

RT: 7.25 min Scan# 452

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

Tgt Ion:105 Resp: 567602

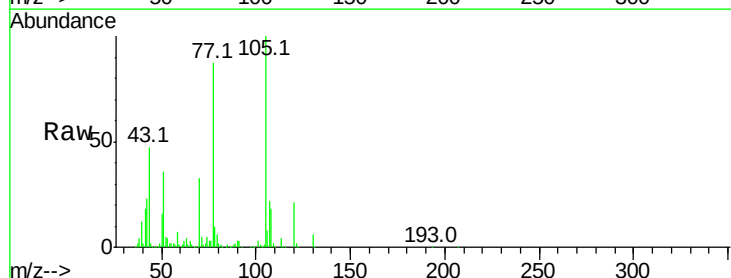
Ion Ratio Lower Upper

105 100

71 5.4 3.2 4.8#

51 35.6 26.2 39.4

120 20.8 16.6 24.8

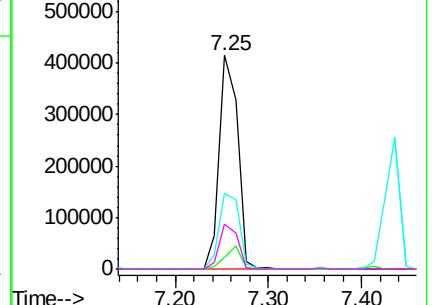
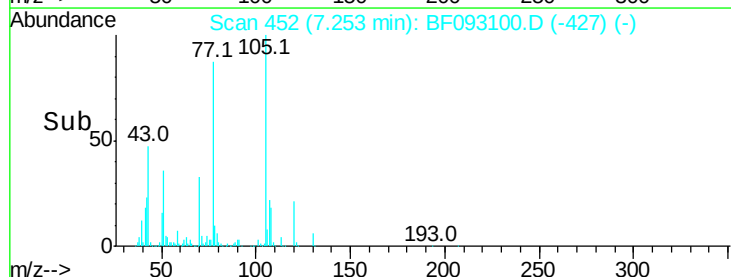


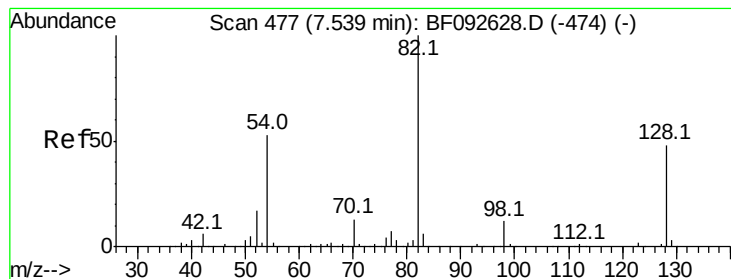
Abundance Ion 105.00 (104.70 to 105.70): E

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: 77.30 ng

RT: 7.41 min Scan# 466

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

PB97103BS

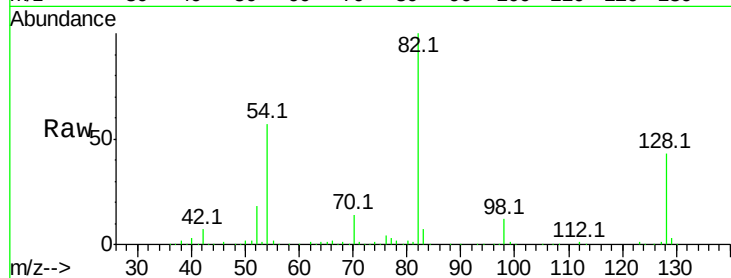
Tot Ion: 82 Resp: 897628

Ion Ratio Lower Upper

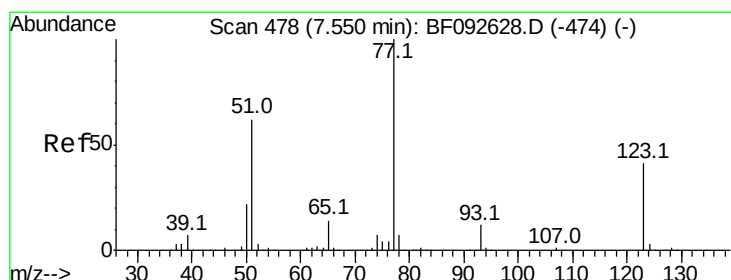
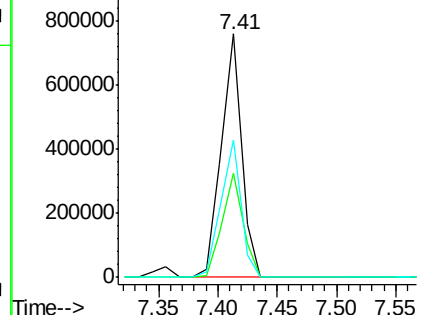
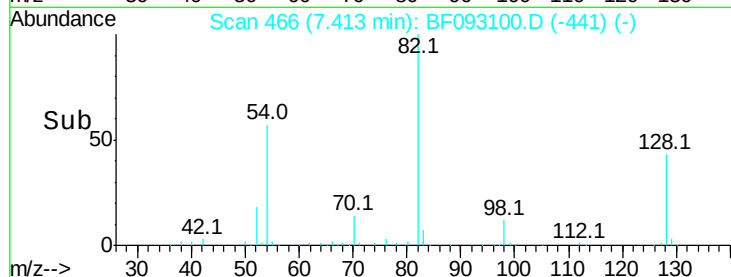
82 100

128 42.7 34.6 52.0

54 56.6 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 41.71 ng

RT: 7.44 min Scan# 468

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

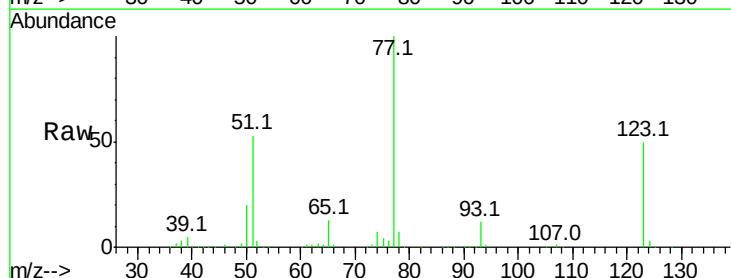
Tgt Ion: 77 Resp: 497395

Ion Ratio Lower Upper

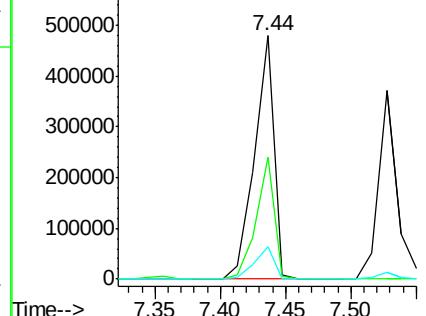
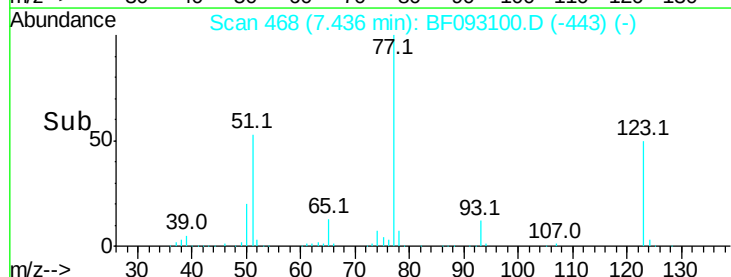
77 100

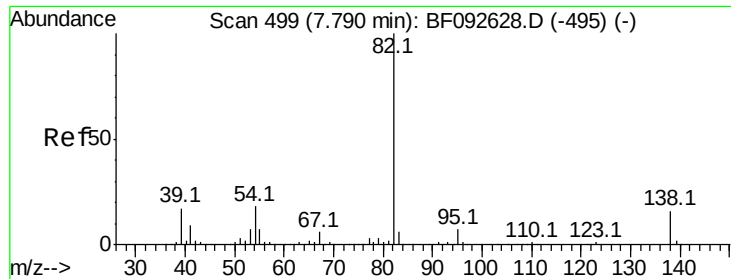
123 50.0 33.0 49.4#

65 13.2 11.2 16.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 123.00 (122.70 to 123.70): B
Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 39.86 ng

RT: 7.68 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

PB97103BS

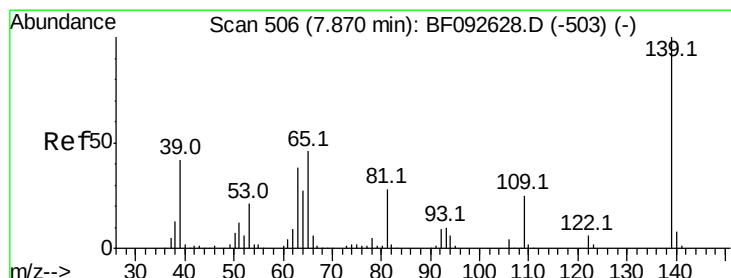
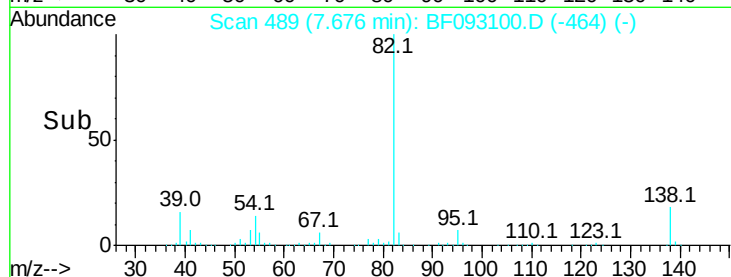
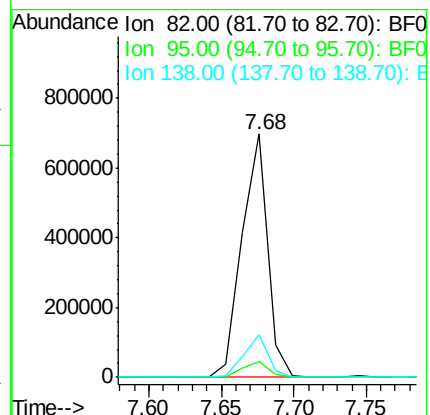
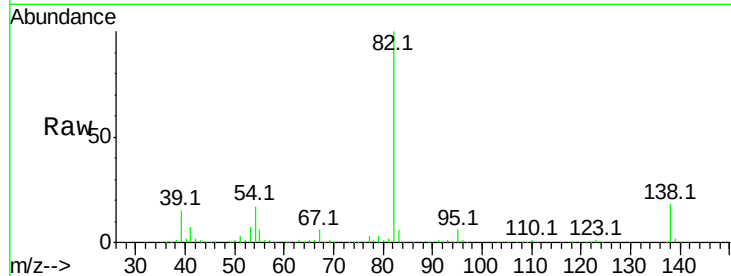
Tot Ion: 82 Resp: 862425

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

138 17.8 14.6 22.0



#26

2-Nitrophenol

Concen: 41.74 ng

RT: 7.76 min Scan# 496

Delta R.T. 0.00 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

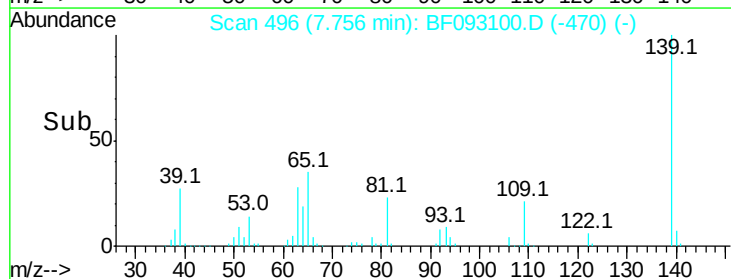
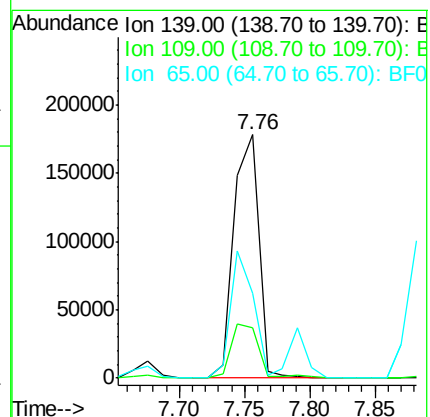
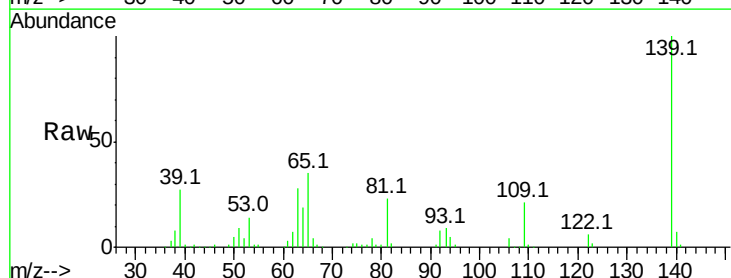
Tgt Ion: 139 Resp: 236583

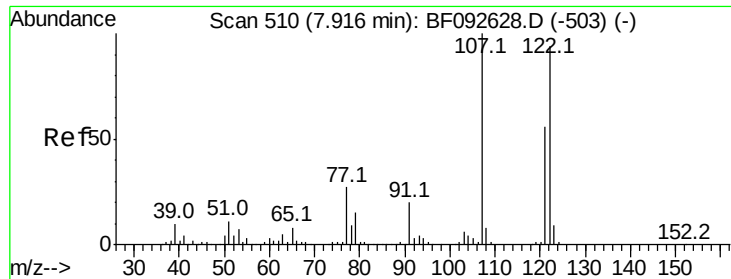
Ion Ratio Lower Upper

139 100

109 20.8 23.3 34.9#

65 35.0 42.7 64.1#

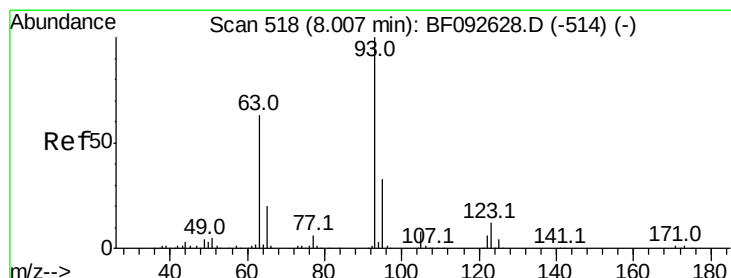
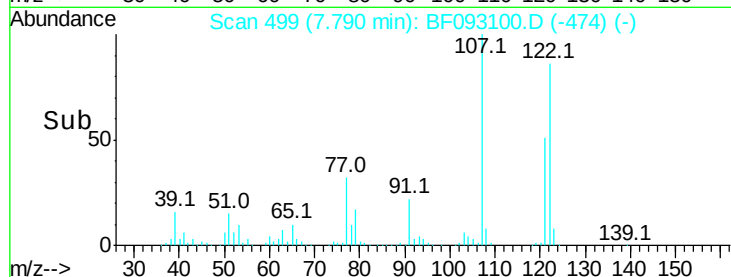
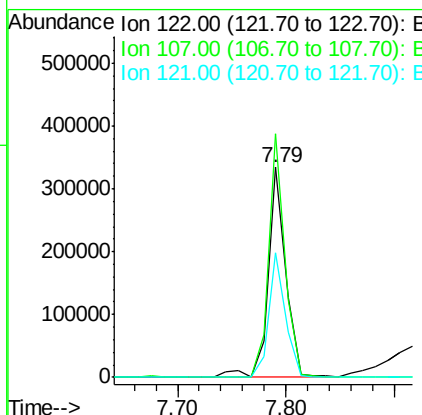
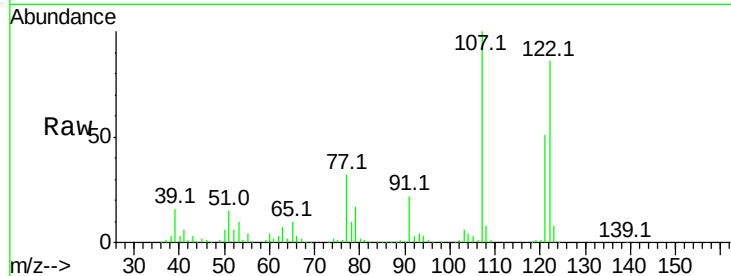




#27
 2,4-Dimethylphenol
 Concen: 37.79 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF093100.D
 Acq: 23 Feb 2017 10:39

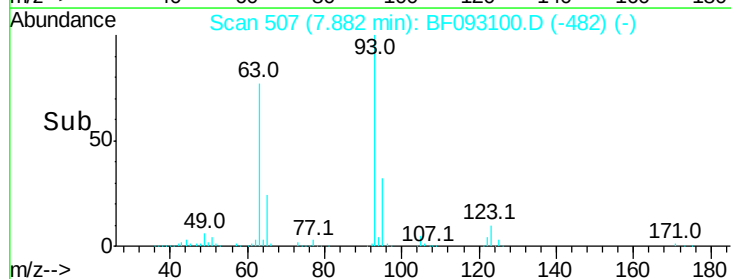
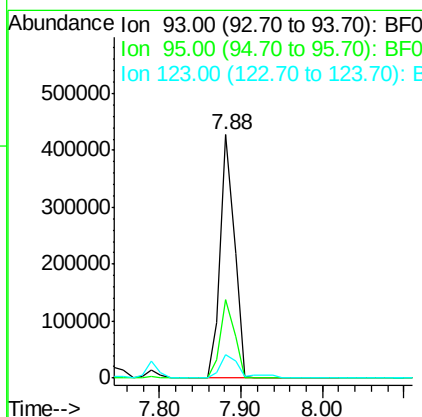
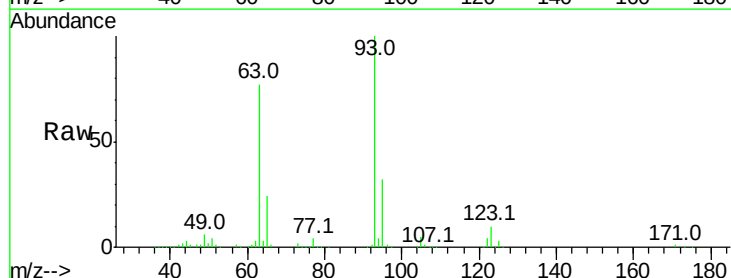
Instrument :
 BNA_F
 ClientSampleId :
 PB97103BS

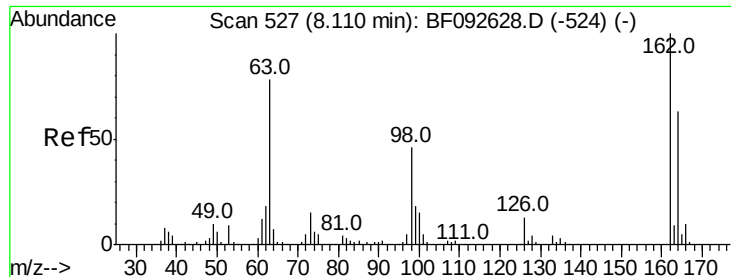
Tot Ion:122 Resp: 376181
 Ion Ratio Lower Upper
 122 100
 107 115.8 94.1 141.1
 121 59.5 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 36.15 ng
 RT: 7.88 min Scan# 507
 Delta R.T. -0.01 min
 Lab File: BF093100.D
 Acq: 23 Feb 2017 10:39

Tgt Ion: 93 Resp: 518042
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.5 39.7
 123 9.5 8.6 13.0

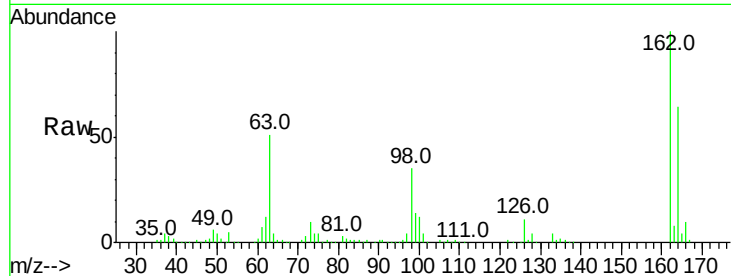




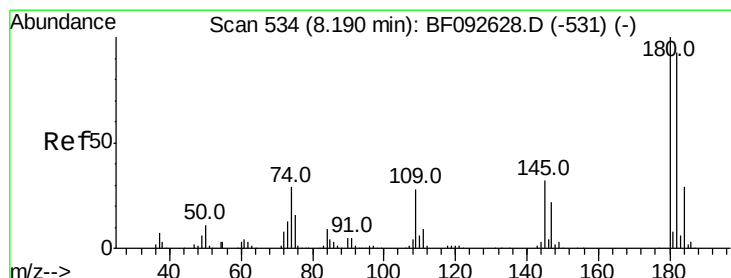
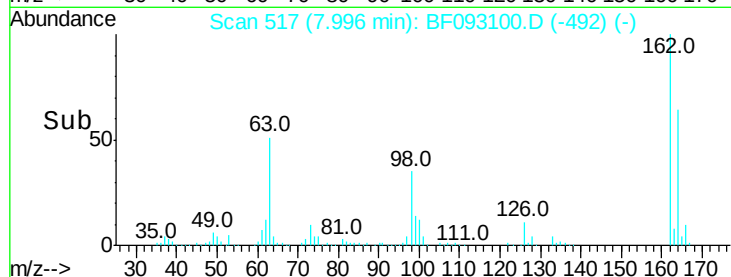
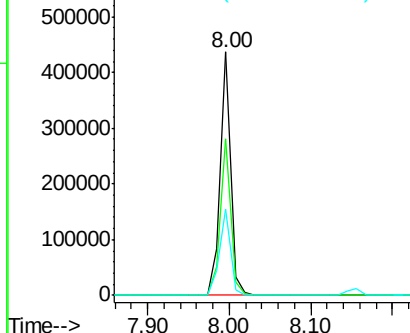
#29
 2,4-Dichlorophenol
 Concen: 41.92 ng
 RT: 8.00 min Scan# 517
 Delta R.T. -0.01 min
 Lab File: BF093100.D
 Acq: 23 Feb 2017 10:39

Instrument :
 BNA_F
 ClientSampleId :
 PB97103BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	46.8	86.8
98	35.3	9.1	49.1

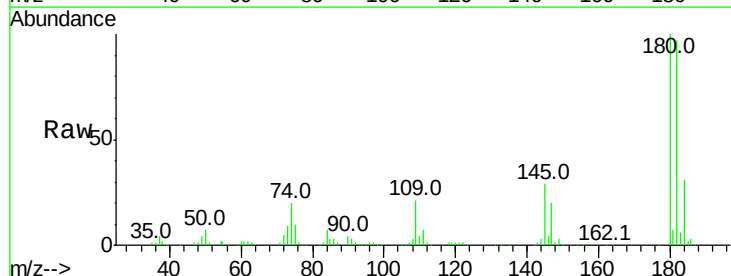


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

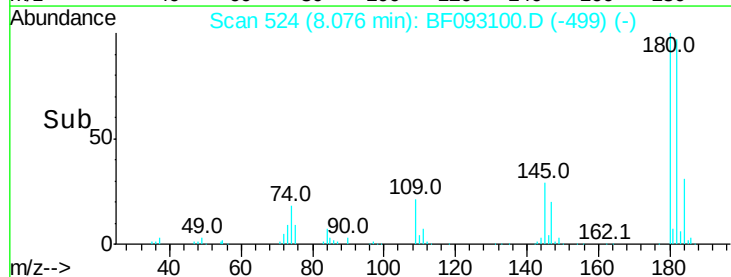
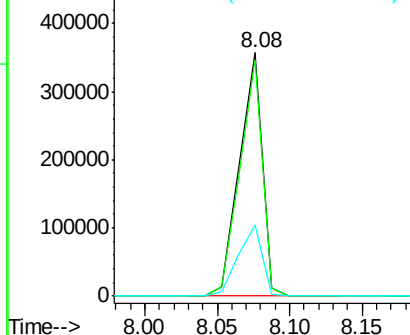


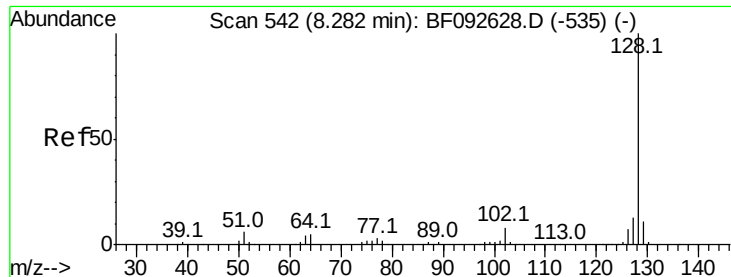
#30
 1,2,4-Trichlorobenzene
 Concen: 38.96 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.01 min
 Lab File: BF093100.D
 Acq: 23 Feb 2017 10:39

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	78.2	117.4
145	29.2	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: 37.48 ng

RT: 8.16 min Scan# 531

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

PB97103BS

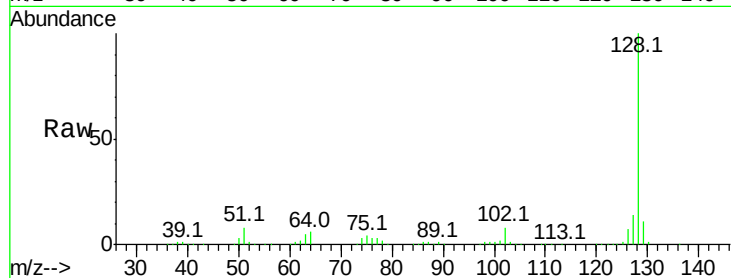
Tot Ion:128 Resp: 1228517

Ion Ratio Lower Upper

128 100

129 11.0 9.5 14.3

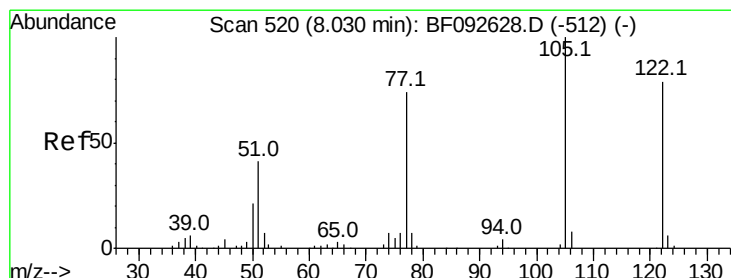
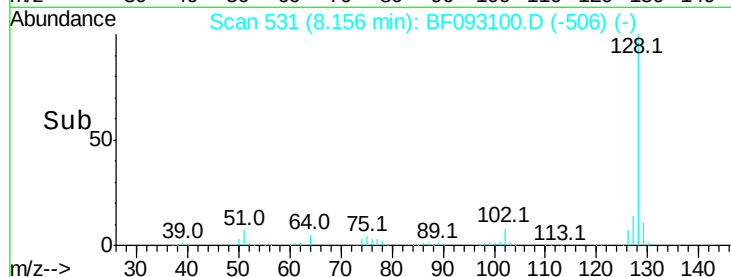
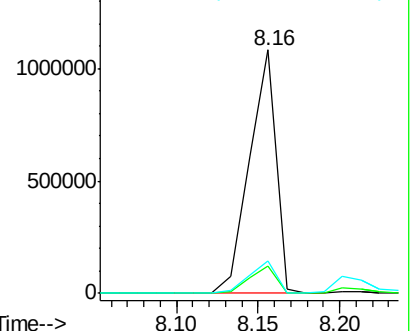
127 13.5 10.8 16.2



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: 38.40 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

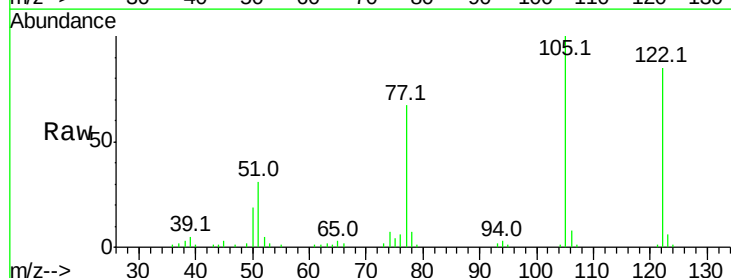
Tgt Ion:122 Resp: 207099

Ion Ratio Lower Upper

122 100

105 118.3 107.2 147.2

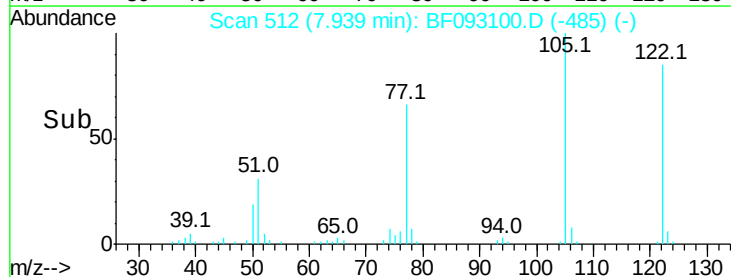
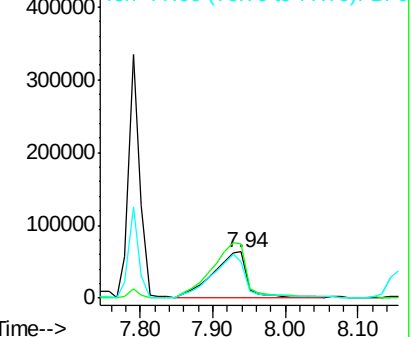
77 79.3 74.5 114.5

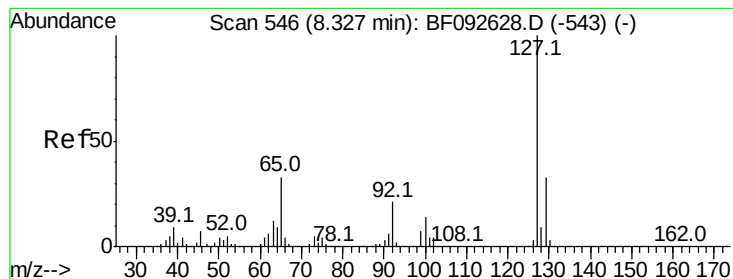


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 10.08 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

PB97103BS

Tot Ion:127 Resp: 129561

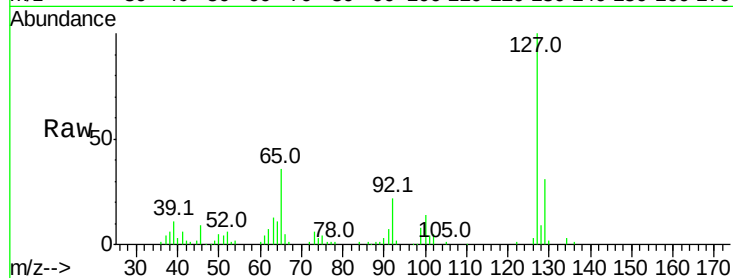
Ion Ratio Lower Upper

127 100

129 30.8 26.3 39.5

65 36.3 25.8 38.8

92 21.8 16.1 24.1

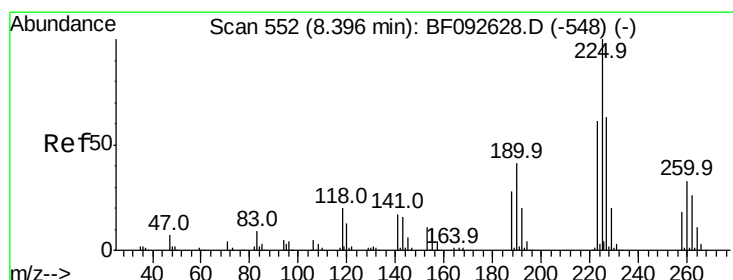
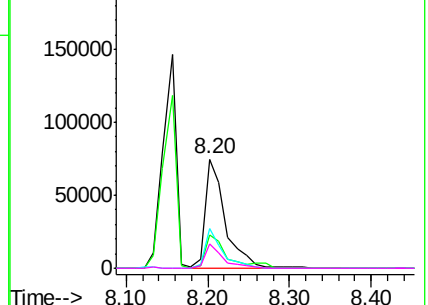
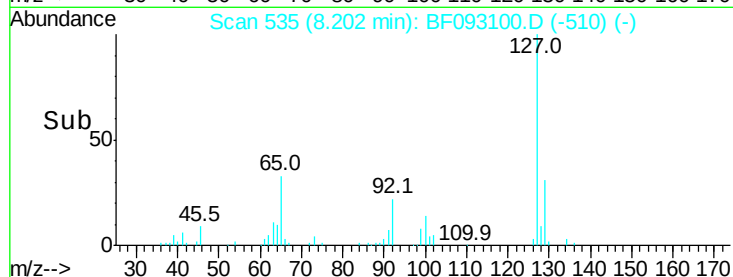


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 37.42 ng

RT: 8.27 min Scan# 541

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

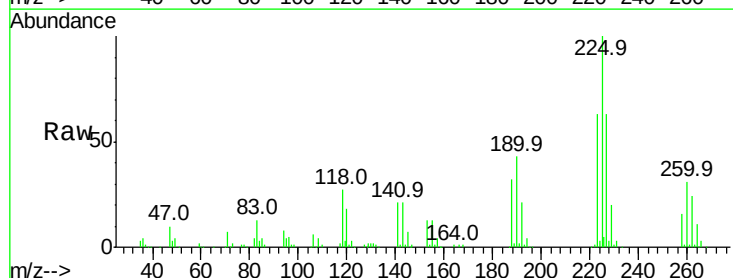
Tgt Ion:225 Resp: 205982

Ion Ratio Lower Upper

225 100

223 63.3 51.0 76.6

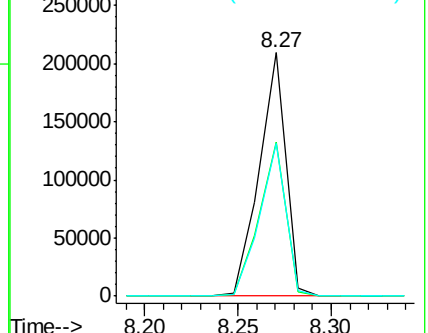
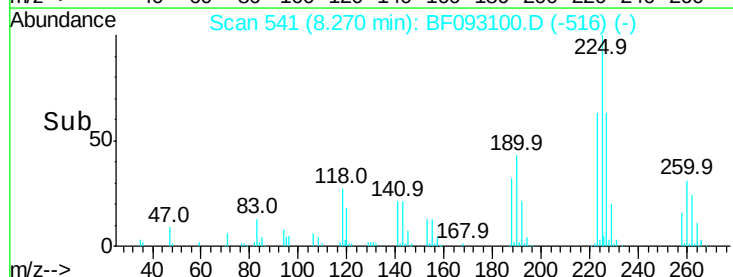
227 62.6 50.6 76.0

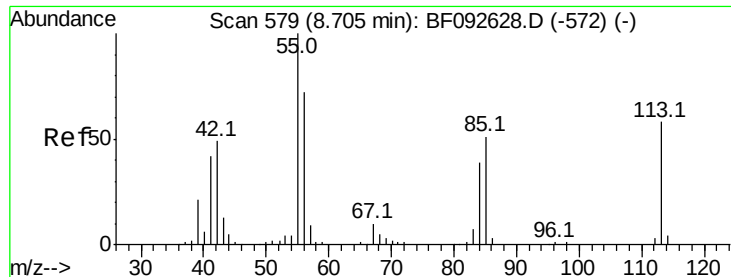


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.38 ng

RT: 8.58 min Scan# 568

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

PB97103BS

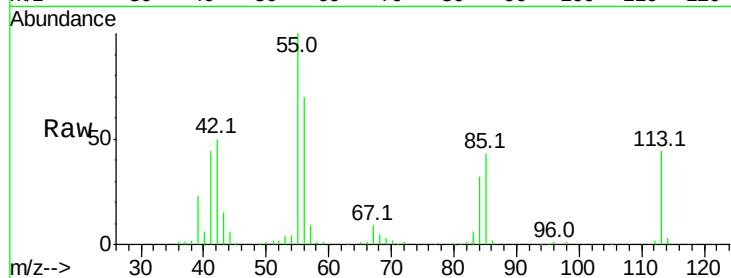
Tot Ion:113 Resp: 79943

Ion Ratio Lower Upper

113 100

55 226.3 119.2 159.2#

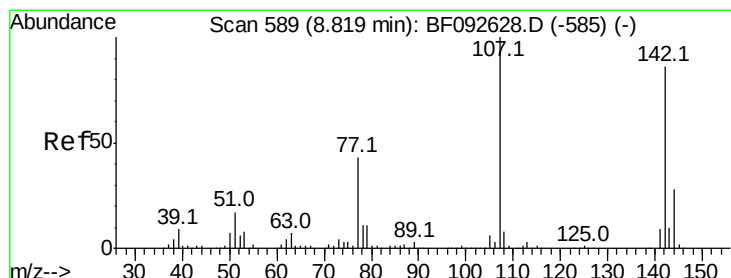
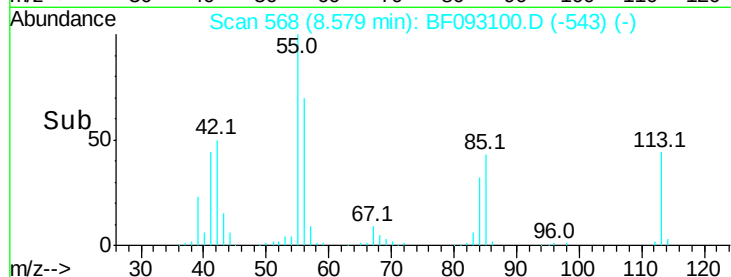
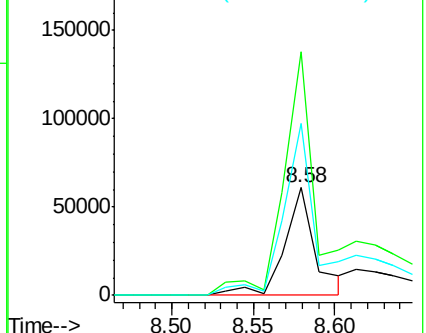
56 159.5 83.8 123.8#



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: 38.04 ng

RT: 8.69 min Scan# 578

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

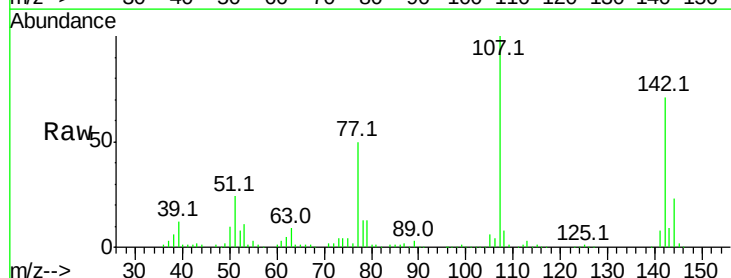
Tgt Ion:107 Resp: 368181

Ion Ratio Lower Upper

107 100

144 22.7 19.3 28.9

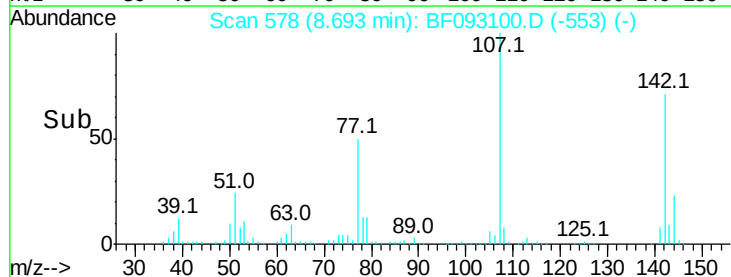
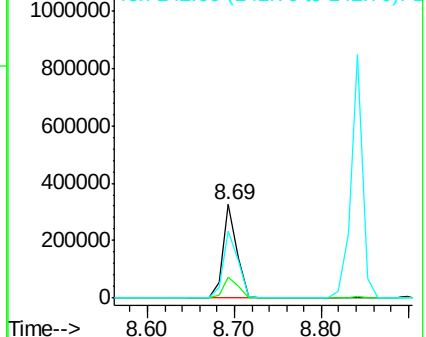
142 71.5 59.0 88.6

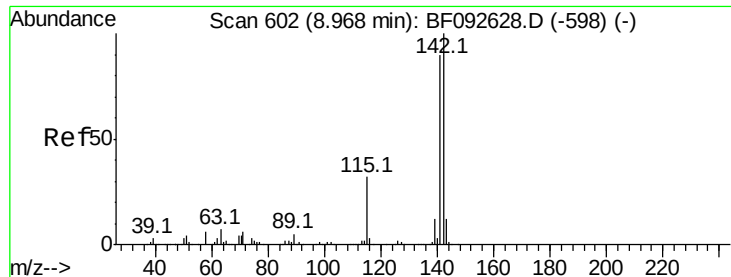


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 38.05 ng

RT: 8.84 min Scan# 591

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

Instrument :

BNA_F

ClientSampled :

PB97103BS

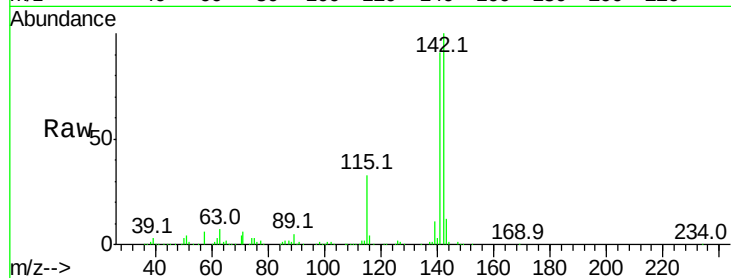
Tot Ion:142 Resp: 800934

Ion Ratio Lower Upper

142 100

141 91.0 71.0 106.6

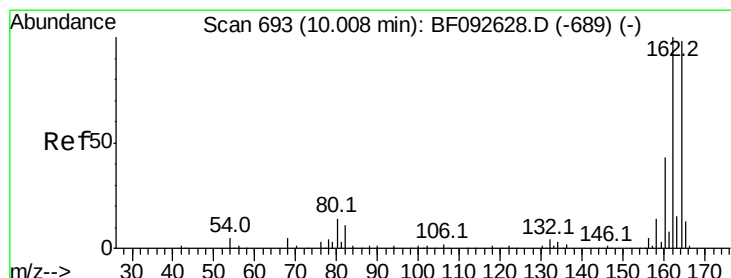
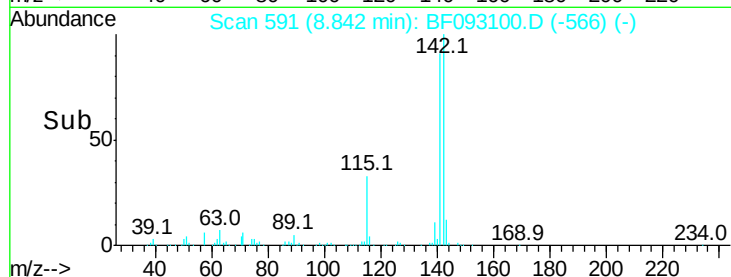
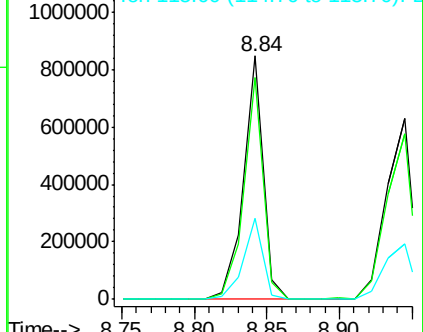
115 33.3 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

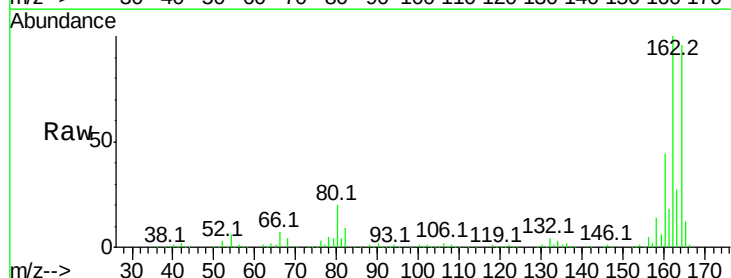
Tgt Ion:164 Resp: 305855

Ion Ratio Lower Upper

164 100

162 104.4 80.2 120.2

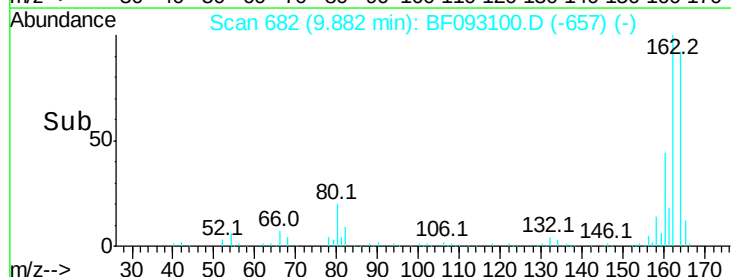
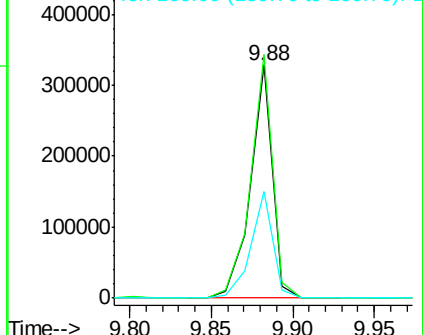
160 45.9 36.9 55.3

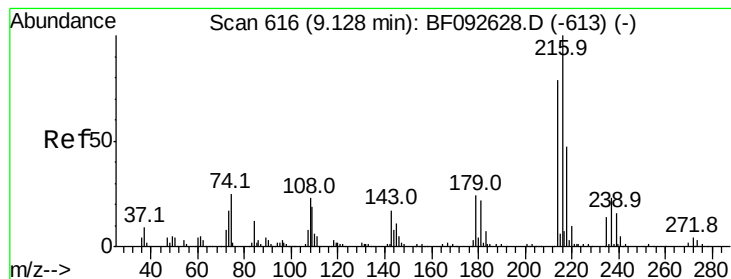


Abundance Ion 164.00 (163.70 to 164.70): E

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: 42.96 ng

RT: 9.01 min Scan# 606

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

PB97103BS

Tot Ion:216 Resp: 368808

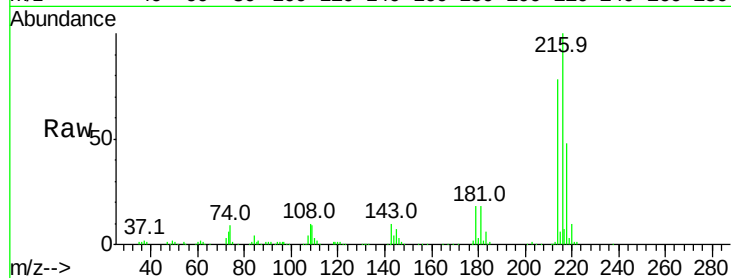
Ion Ratio Lower Upper

216 100

214 77.9 63.4 95.0

179 20.4 17.4 26.2

108 18.3 15.6 23.4

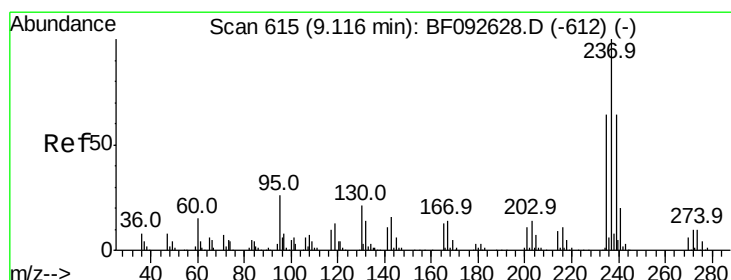
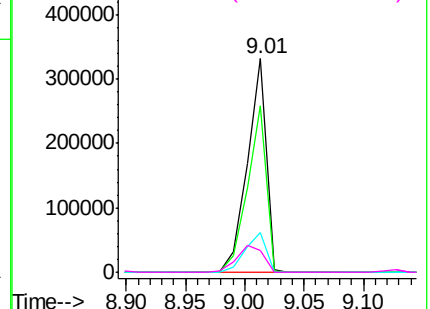
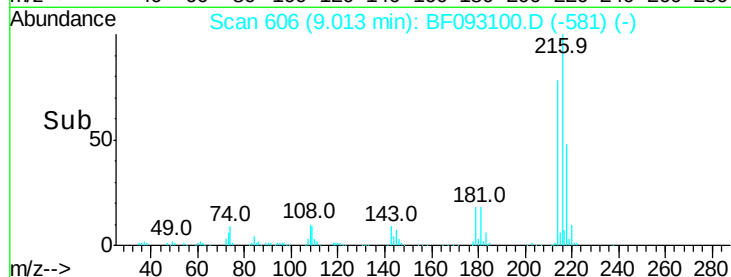


Abundance Ion 216.00 (215.70 to 216.70): E

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: 67.87 ng

RT: 8.99 min Scan# 604

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

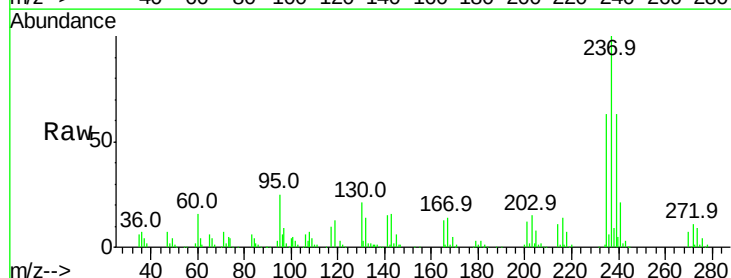
Tgt Ion:237 Resp: 262908

Ion Ratio Lower Upper

237 100

235 62.7 41.2 81.2

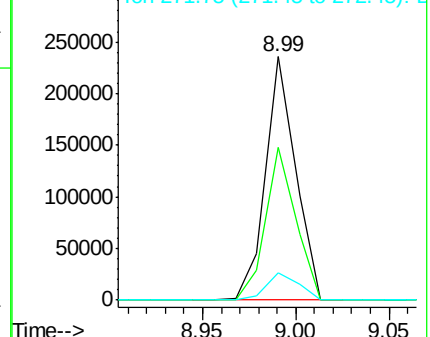
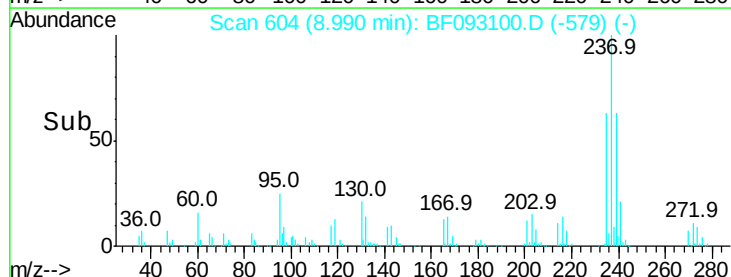
272 11.4 0.0 35.4

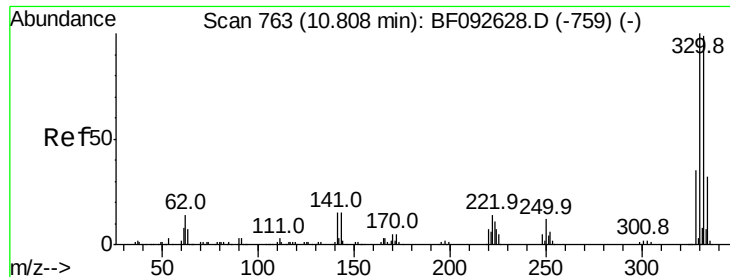


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

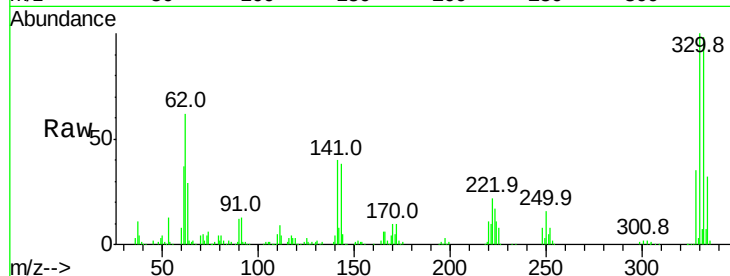




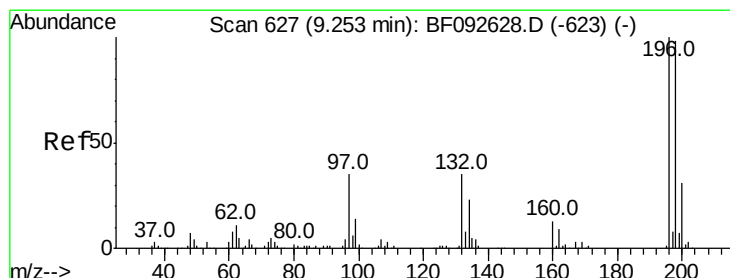
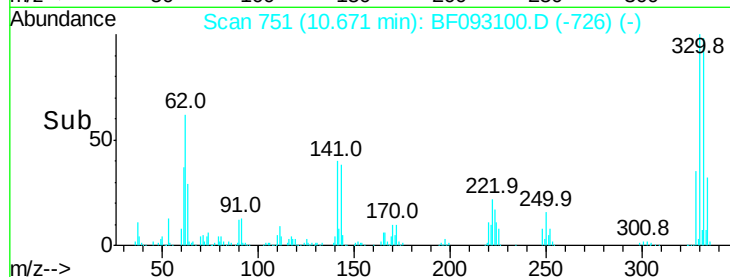
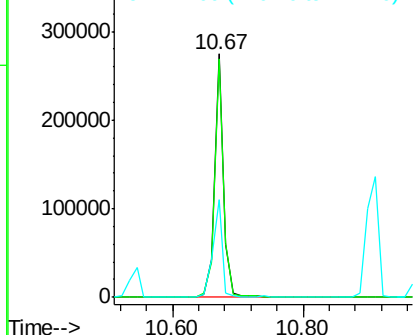
#41
 2,4,6-Tribromophenol
 Concen: 122.78 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093100.D
 Acq: 23 Feb 2017 10:39

Instrument :
 BNA_F
 ClientSampleId :
 PB97103BS

Tot Ion:330 Resp: 271611
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.2
 141 41.3 34.1 51.1

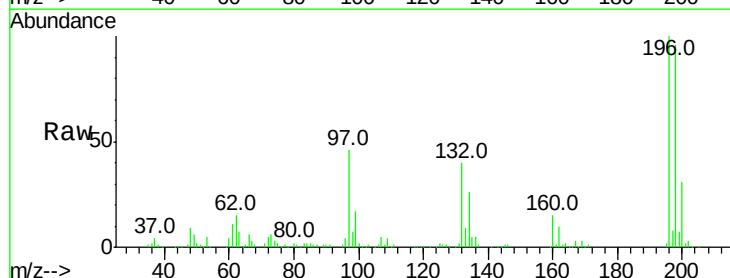


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

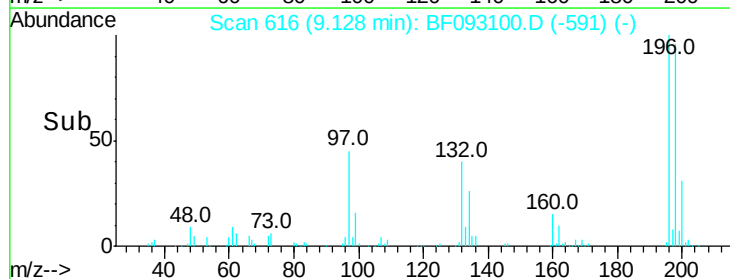
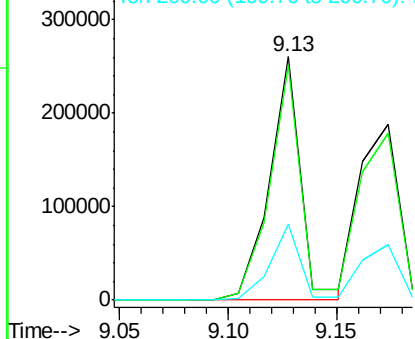


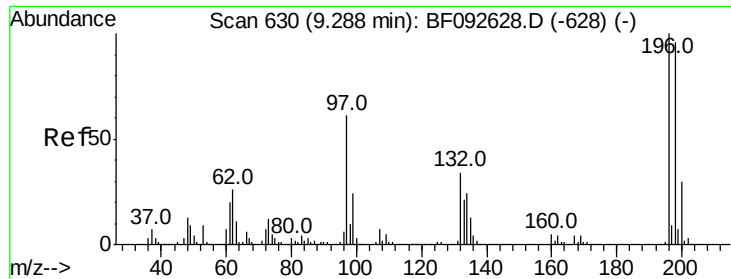
#42
 2,4,6-Trichlorophenol
 Concen: 45.97 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.01 min
 Lab File: BF093100.D
 Acq: 23 Feb 2017 10:39

Tgt Ion:196 Resp: 259356
 Ion Ratio Lower Upper
 196 100
 198 96.5 82.1 123.1
 200 31.1 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

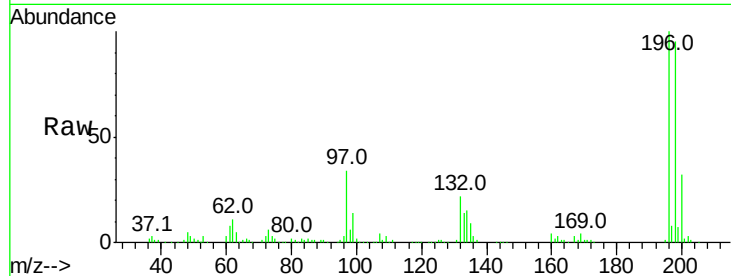




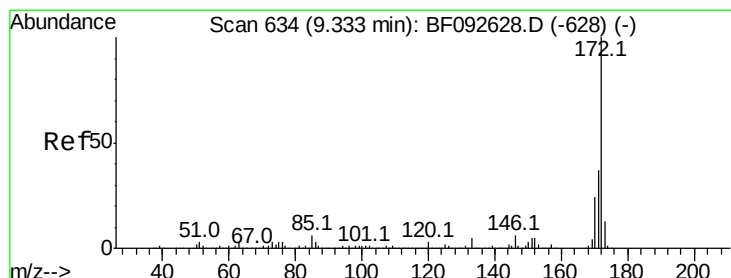
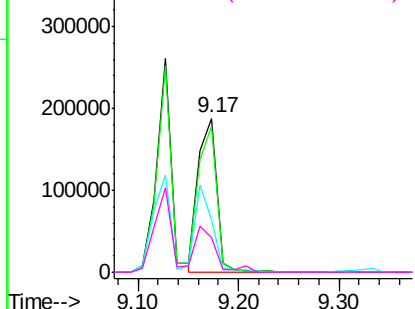
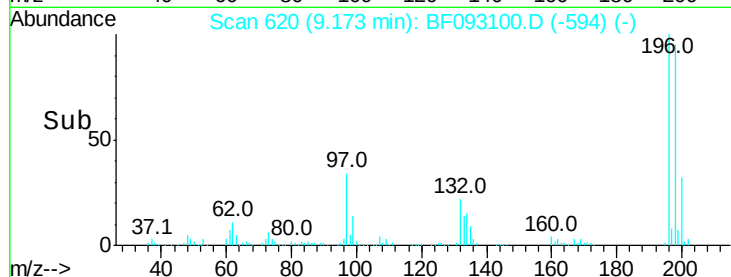
#43
 2,4,5-Trichlorophenol
 Concen: 39.28 ng
 RT: 9.17 min Scan# 620
 Delta R.T. 0.00 min
 Lab File: BF093100.D
 Acq: 23 Feb 2017 10:39

Instrument :
 BNA_F
 ClientSampleId :
 PB97103BS

Tot Ion:196 Resp: 242803
 Ion Ratio Lower Upper
 196 100
 198 94.8 79.4 119.2
 97 34.0 51.5 77.3#
 132 22.2 27.4 41.2#

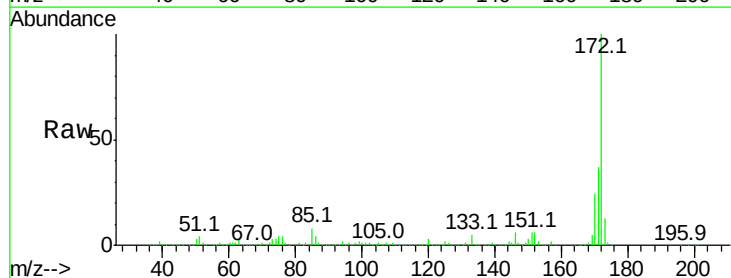


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

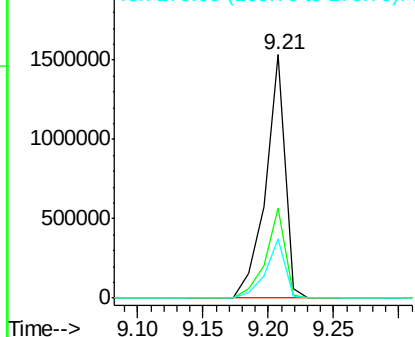
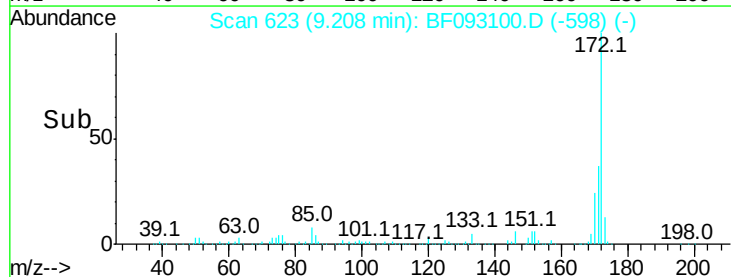


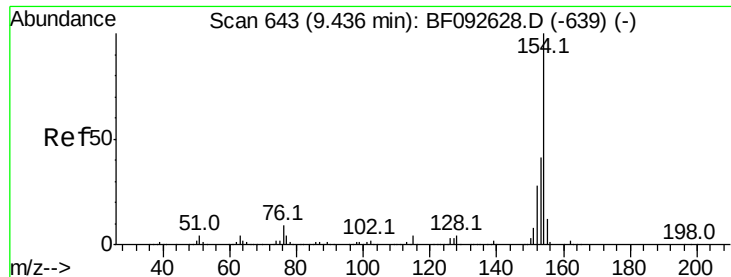
#44
 2-Fluorobiphenyl
 Concen: 94.47 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093100.D
 Acq: 23 Feb 2017 10:39

Tgt Ion:172 Resp: 1594866
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 24.5 20.2 30.4



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 43.51 ng

RT: 9.31 min Scan# 632

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

PB97103BS

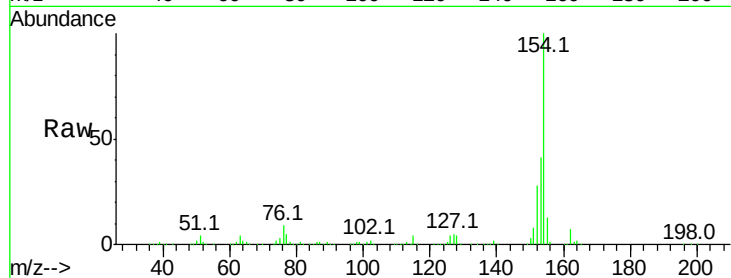
Tot Ion:154 Resp: 963618

Ion Ratio Lower Upper

154 100

153 40.7 20.9 60.9

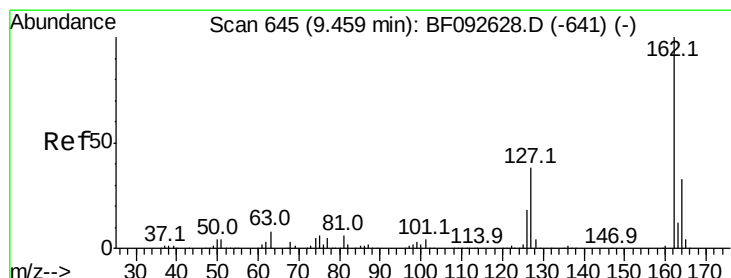
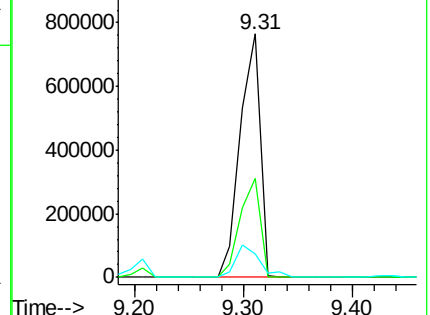
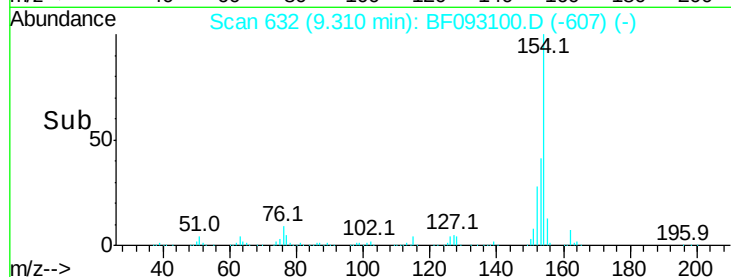
76 9.4 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.12 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

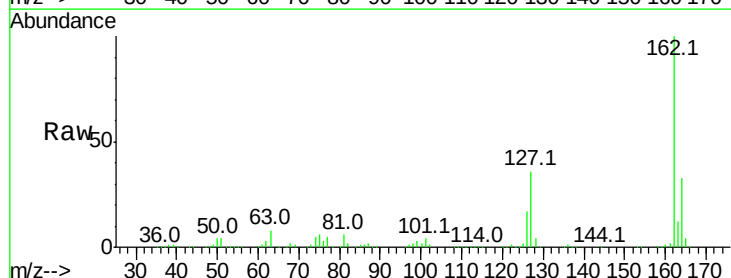
Tgt Ion:162 Resp: 781802

Ion Ratio Lower Upper

162 100

127 36.4 30.7 46.1

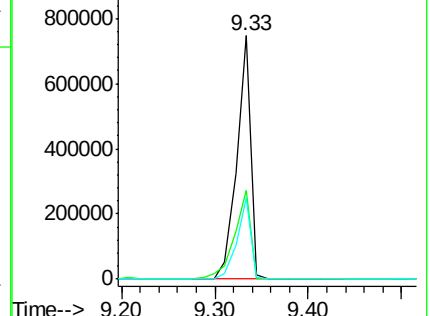
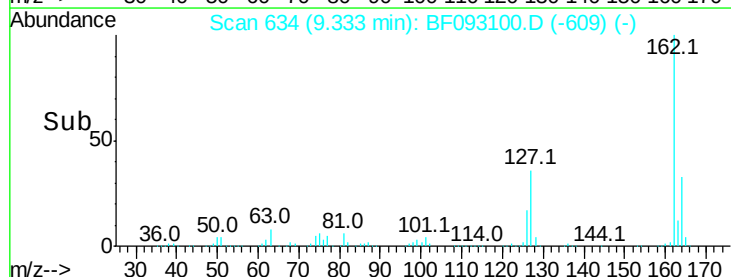
164 33.4 27.6 41.4

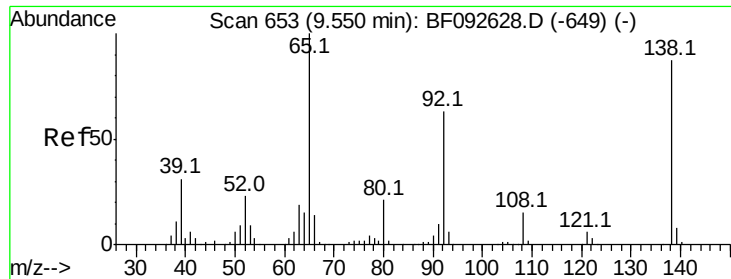


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

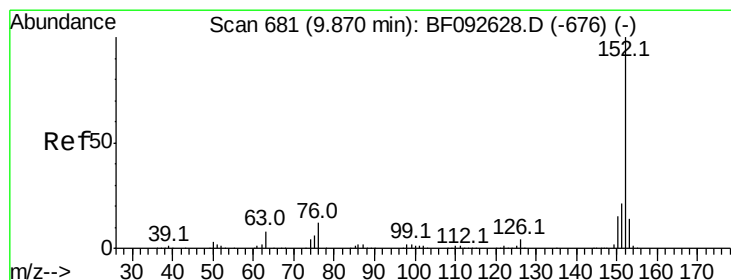
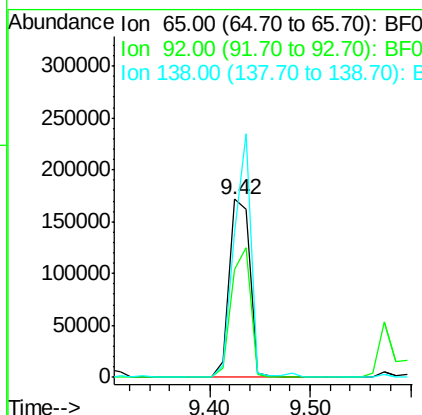
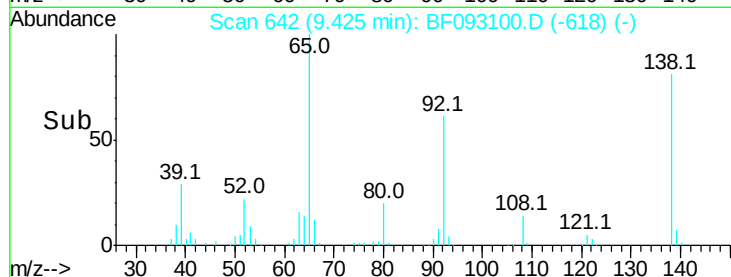
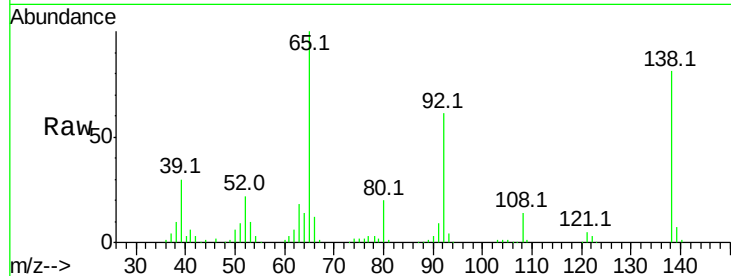




#47
 2-Nitroaniline
 Concen: 42.04 ng
 RT: 9.42 min Scan# 642
 Delta R.T. -0.02 min
 Lab File: BF093100.D
 Acq: 23 Feb 2017 10:39

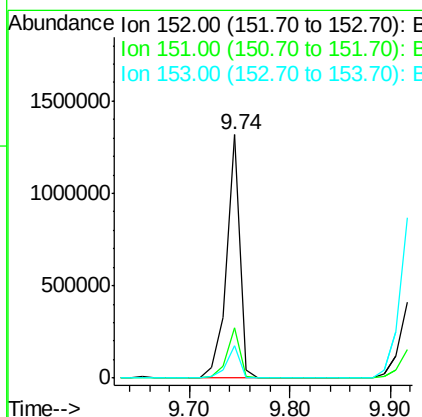
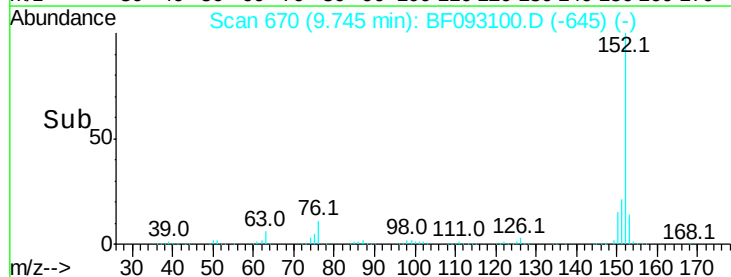
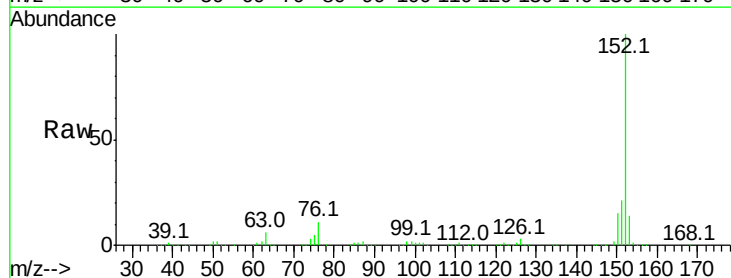
Instrument :
 BNA_F
 ClientSampleId :
 PB97103BS

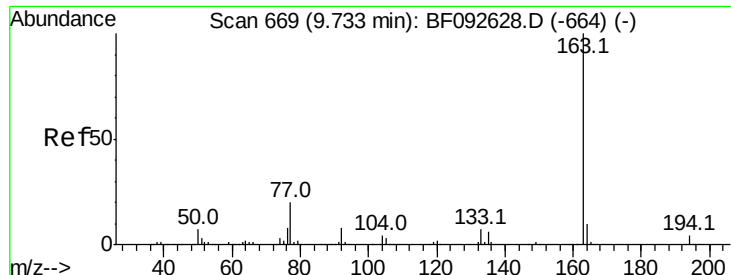
Tot Ion: 65 Resp: 244861
 Ion Ratio Lower Upper
 65 100
 92 60.9 53.9 80.9
 138 81.2 76.8 115.2



#48
 Acenaphthylene
 Concen: 40.28 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF093100.D
 Acq: 23 Feb 2017 10:39

Tgt Ion:152 Resp: 1205668
 Ion Ratio Lower Upper
 152 100
 151 20.8 16.9 25.3
 153 13.5 11.4 17.2





#49

Dimethylphthalate

Concen: 40.67 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

PB97103BS

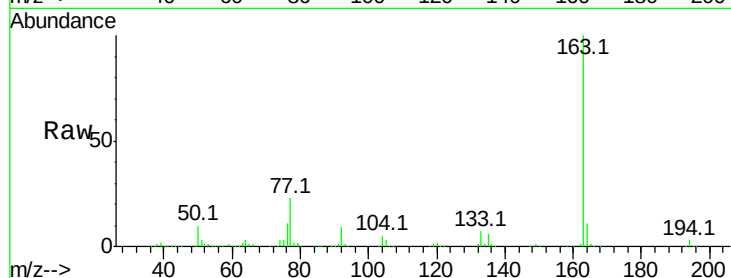
Tot Ion:163 Resp: 837824

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

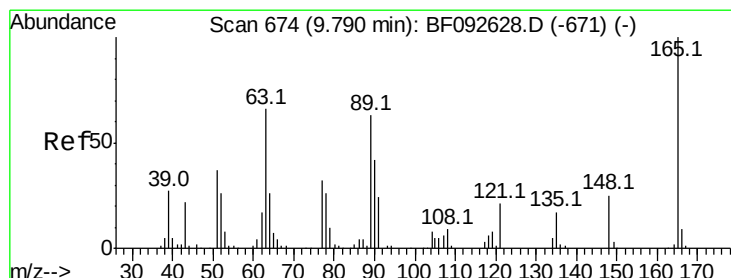
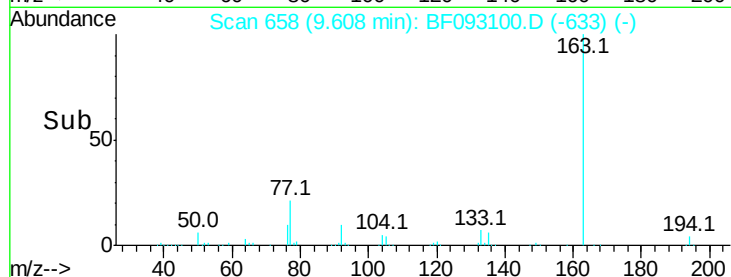
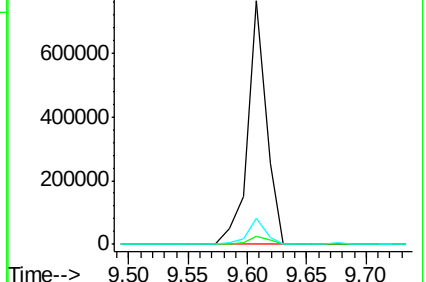
164 10.7 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 48.53 ng

RT: 9.68 min Scan# 664

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

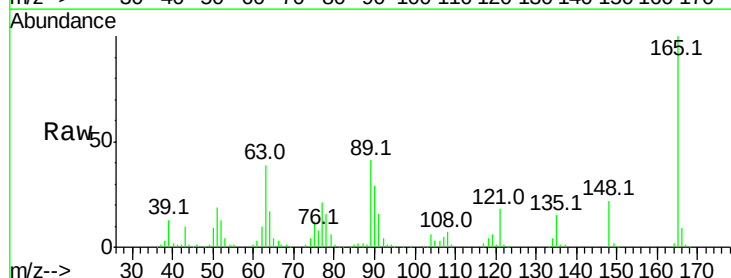
Tgt Ion:165 Resp: 215925

Ion Ratio Lower Upper

165 100

63 39.0 36.2 54.4

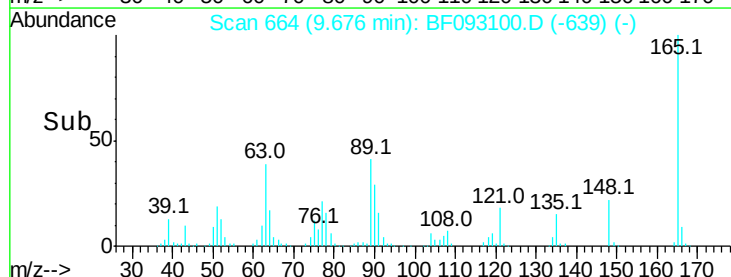
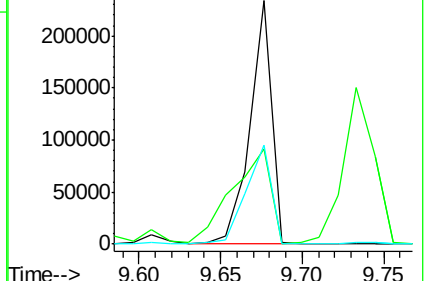
89 40.5 40.2 60.4

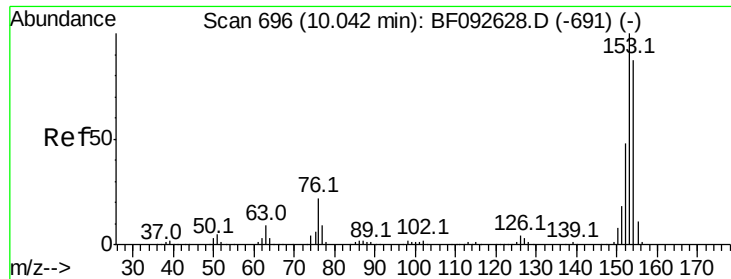


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.89 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

PB97103BS

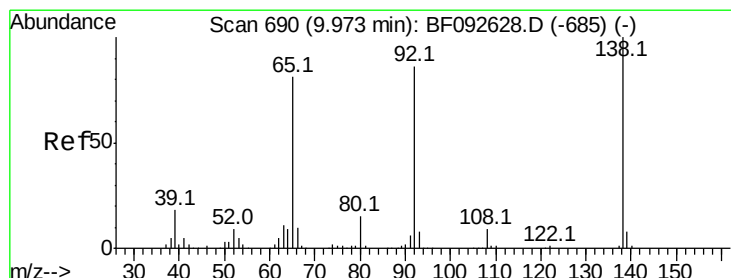
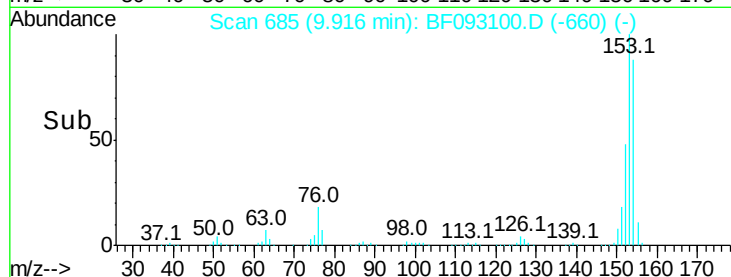
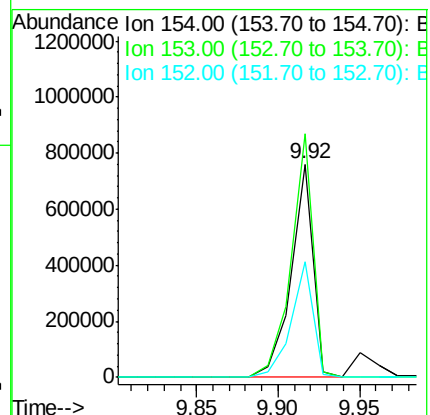
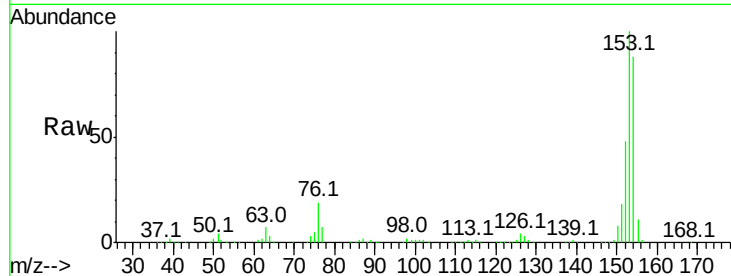
Tot Ion:154 Resp: 713813

Ion Ratio Lower Upper

154 100

153 114.1 88.6 133.0

152 54.4 41.6 62.4



#52

3-Nitroaniline

Concen: 19.52 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

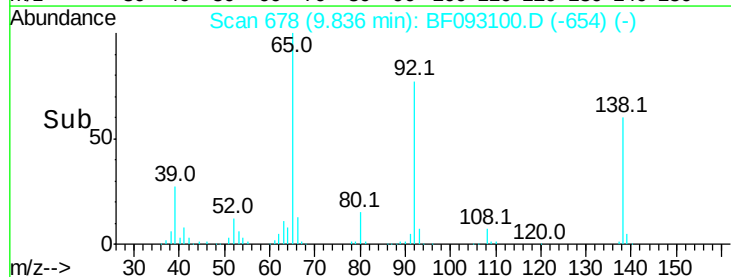
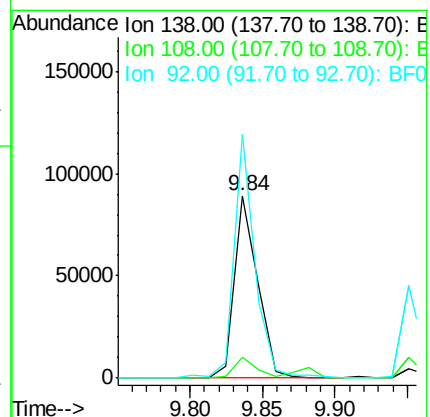
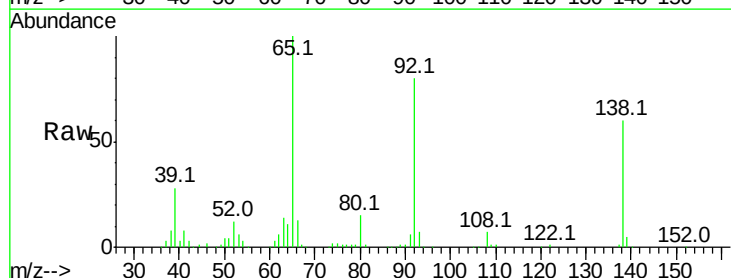
Tgt Ion:138 Resp: 99398

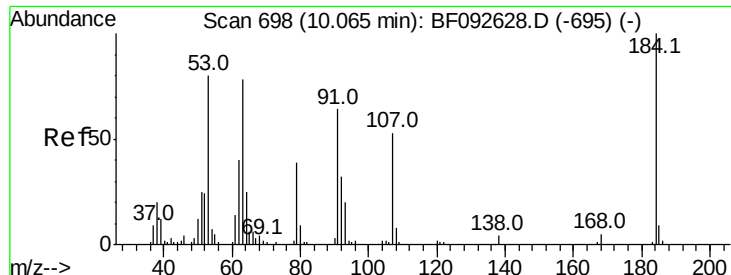
Ion Ratio Lower Upper

138 100

108 11.6 8.5 12.7

92 133.6 97.8 146.8

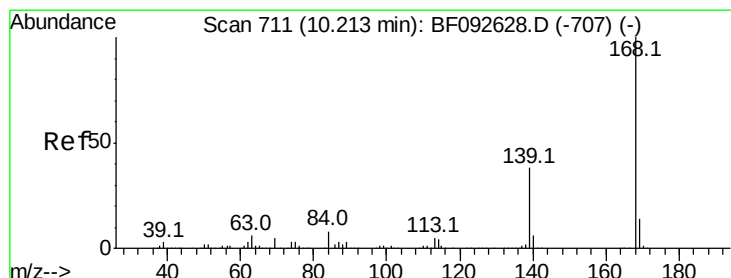
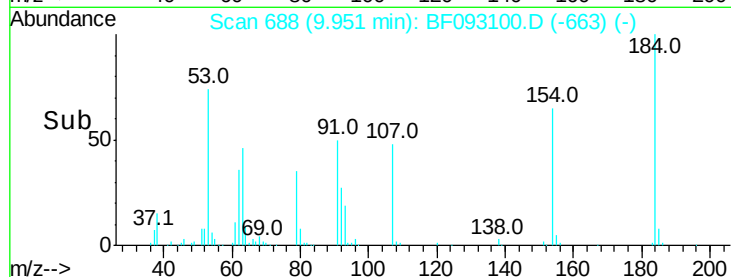
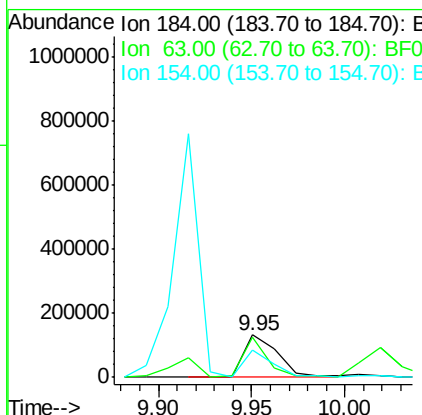
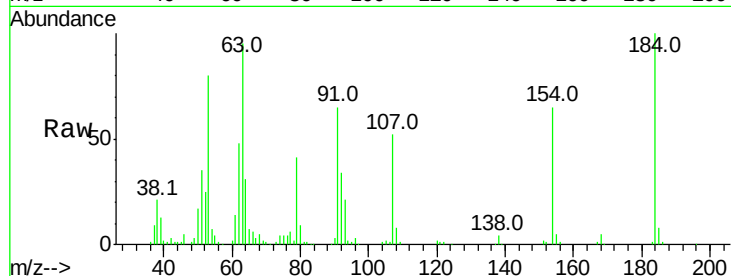




#53
 2,4-Dinitrophenol
 Concen: 74.14 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF093100.D
 Acq: 23 Feb 2017 10:39

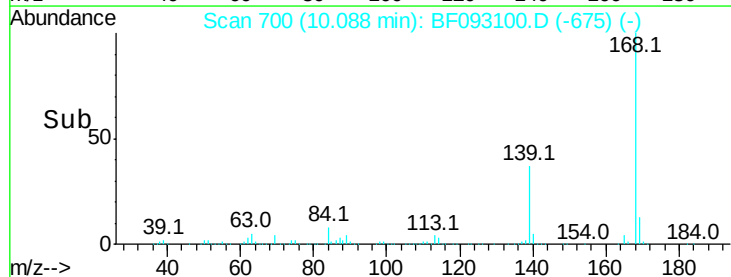
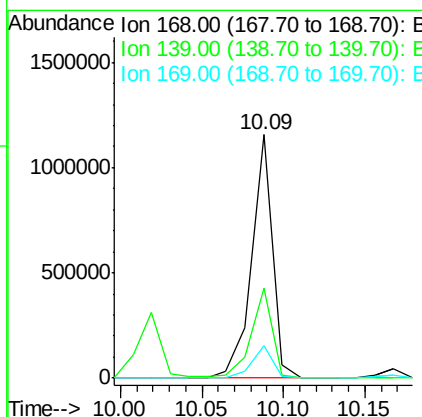
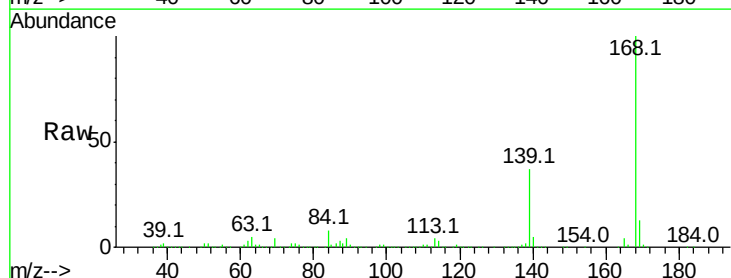
Instrument :
 BNA_F
 ClientSampleID :
 PB97103BS

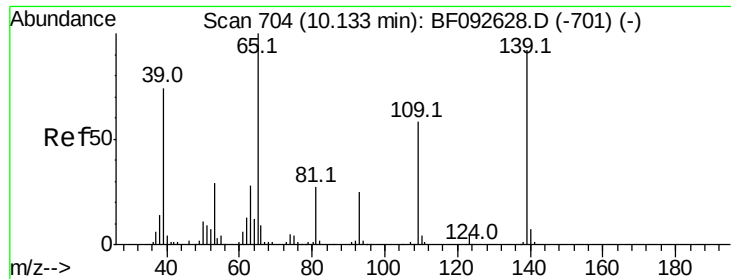
Tot Ion:184 Resp: 166961
 Ion Ratio Lower Upper
 184 100
 63 94.7 28.4 42.6#
 154 64.8 44.3 66.5



#54
 Dibenzofuran
 Concen: 42.72 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093100.D
 Acq: 23 Feb 2017 10:39

Tgt Ion:168 Resp: 1022521
 Ion Ratio Lower Upper
 168 100
 139 37.1 32.6 49.0
 169 13.4 11.3 16.9

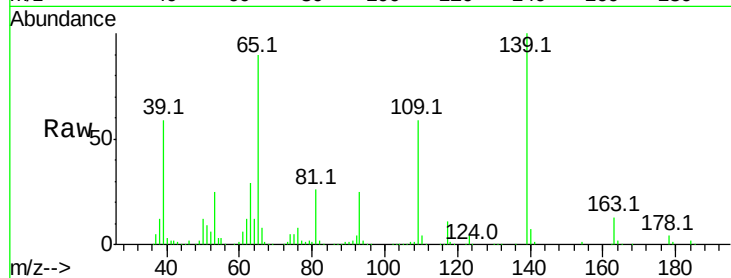




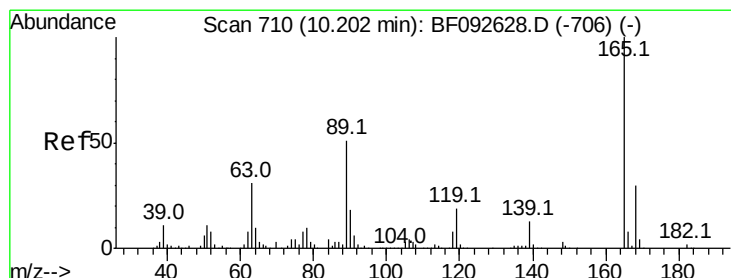
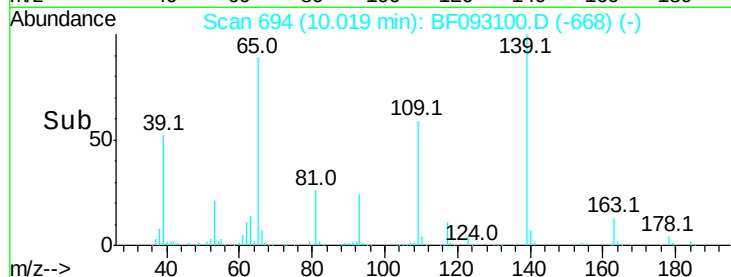
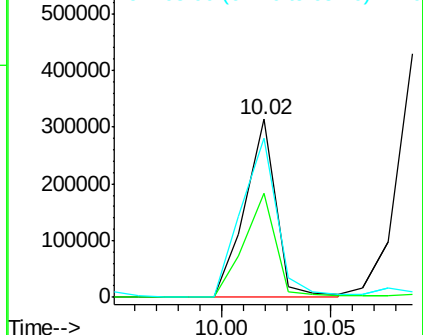
#55
4-Nitrophenol
Concen: 85.50 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.00 min
Lab File: BF093100.D
Acq: 23 Feb 2017 10:39

Instrument :
BNA_F
ClientSampleId :
PB97103BS

Tot Ion:139 Resp: 313544
Ion Ratio Lower Upper
139 100
109 58.8 52.2 92.2
65 89.6 85.8 125.8



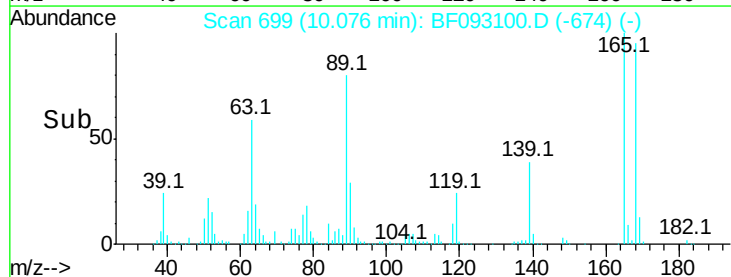
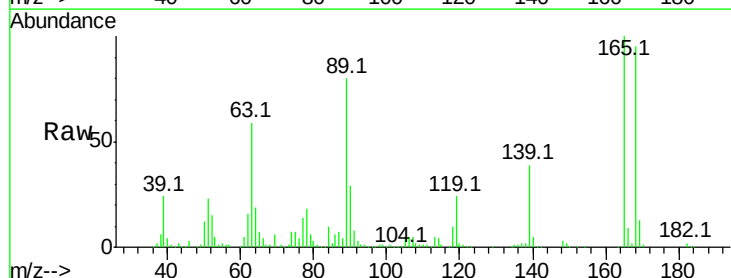
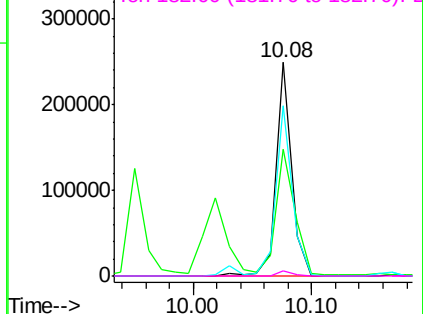
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

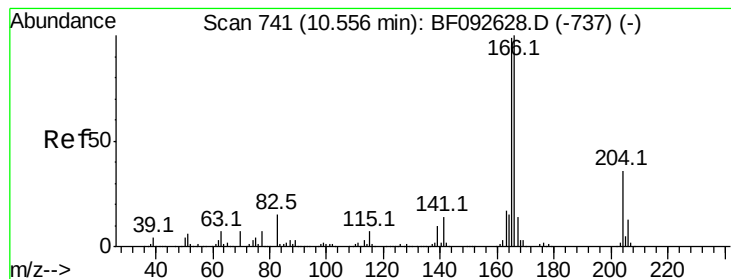


#56
2,4-Dinitrotoluene
Concen: 38.21 ng
RT: 10.08 min Scan# 699
Delta R.T. -0.01 min
Lab File: BF093100.D
Acq: 23 Feb 2017 10:39

Tgt Ion:165 Resp: 226355
Ion Ratio Lower Upper
165 100
63 59.3 40.2 60.4
89 80.0 62.5 93.7
182 2.2 1.8 2.8

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





#57

Fluorene

Concen: 44.75 ng

RT: 10.43 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

PB97103BS

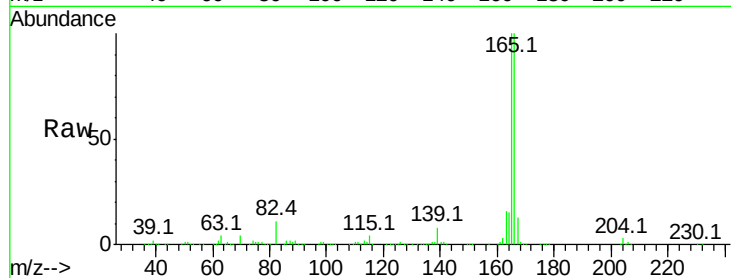
Tot Ion:166 Resp: 823970

Ion Ratio Lower Upper

166 100

165 99.9 77.8 116.8

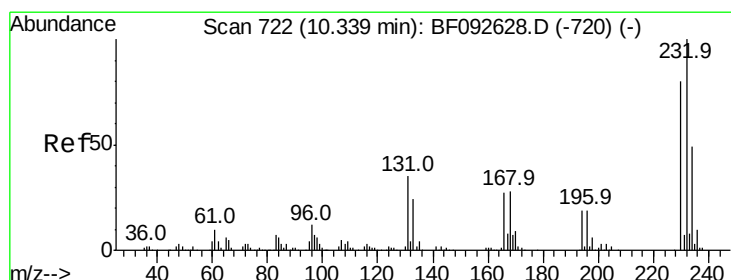
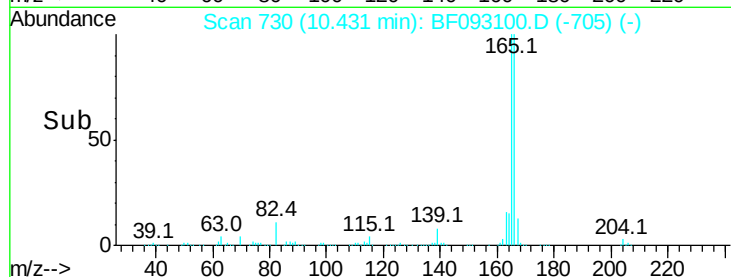
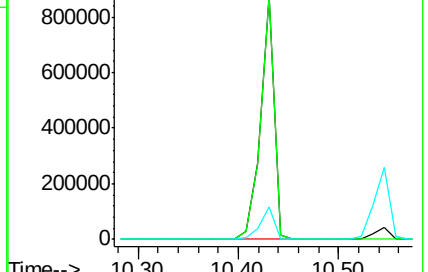
167 13.3 10.8 16.2



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: 46.26 ng

RT: 10.21 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

Tgt Ion:232 Resp: 190743

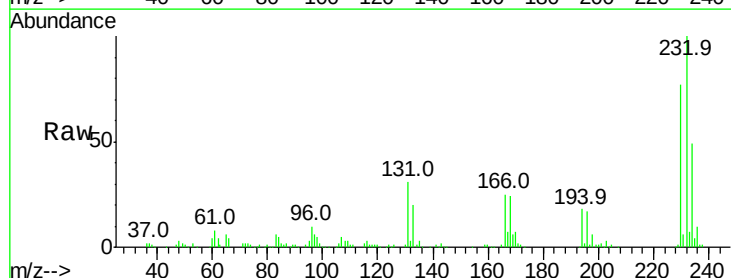
Ion Ratio Lower Upper

232 100

131 47.4 40.1 60.1

130 2.1 1.8 2.8

166 31.4 26.6 39.8

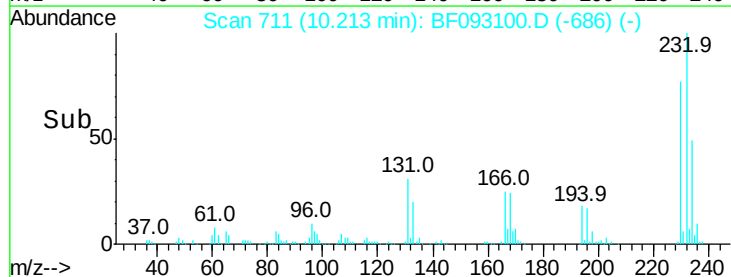
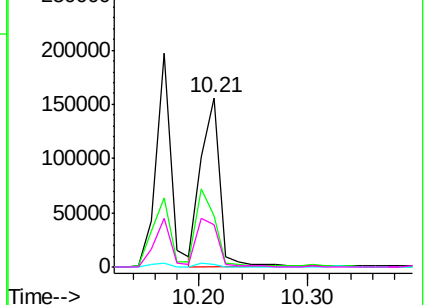


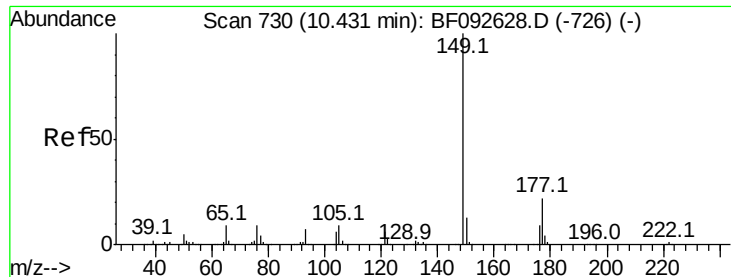
Abundance Ion 232.00 (231.70 to 232.70): E

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

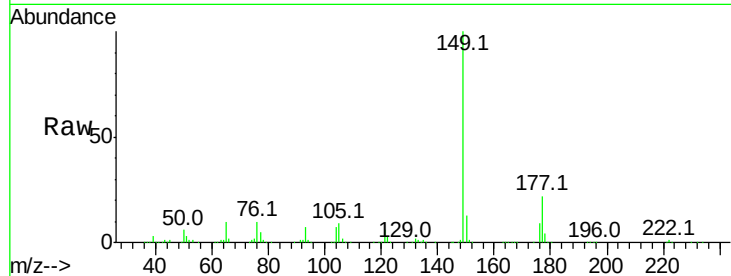




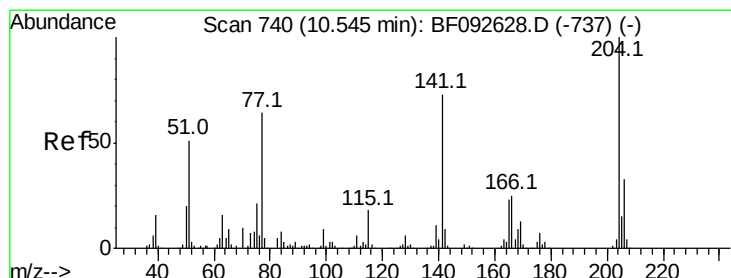
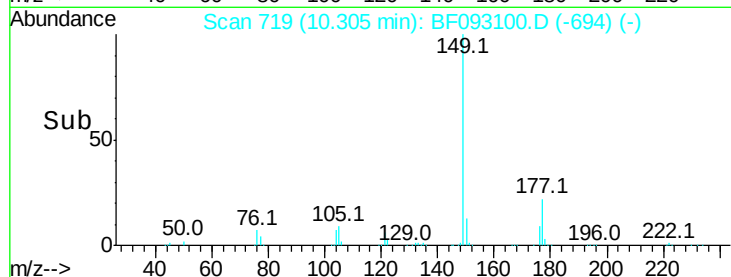
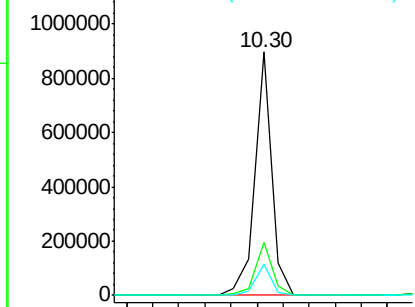
#59
Diethylphthalate
Concen: 41.60 ng
RT: 10.30 min Scan# 719
Delta R.T. -0.01 min
Lab File: BF093100.D
Acq: 23 Feb 2017 10:39

Instrument :
BNA_F
ClientSampleId :
PB97103BS

Tot Ion:149 Resp: 807749
Ion Ratio Lower Upper
149 100
177 21.6 16.6 25.0
150 12.7 10.4 15.6

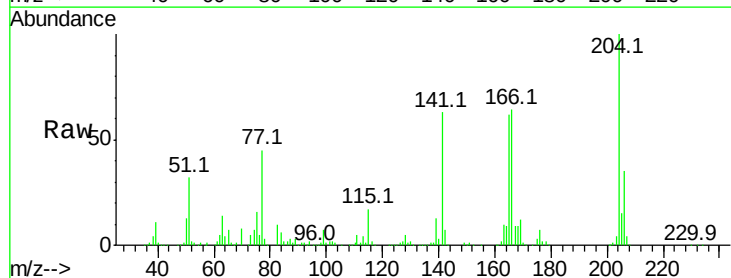


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

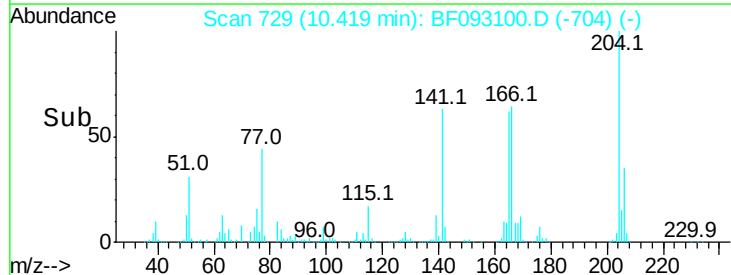
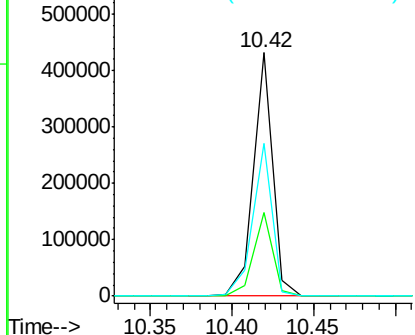


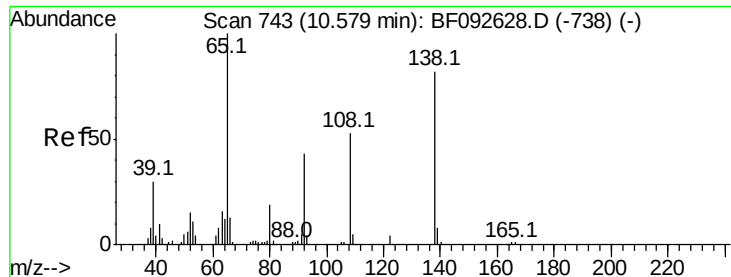
#60
4-Chlorophenyl-phenylether
Concen: 40.20 ng
RT: 10.42 min Scan# 729
Delta R.T. -0.01 min
Lab File: BF093100.D
Acq: 23 Feb 2017 10:39

Tgt Ion:204 Resp: 355614
Ion Ratio Lower Upper
204 100
206 34.5 25.8 38.6
141 62.5 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

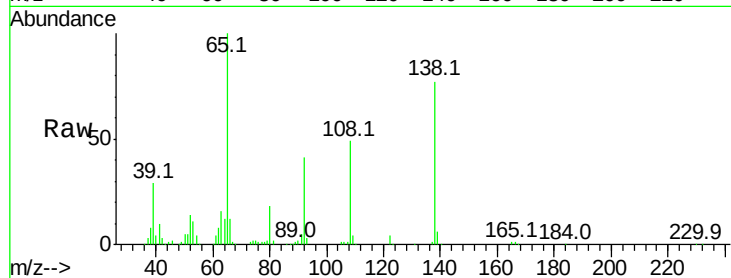




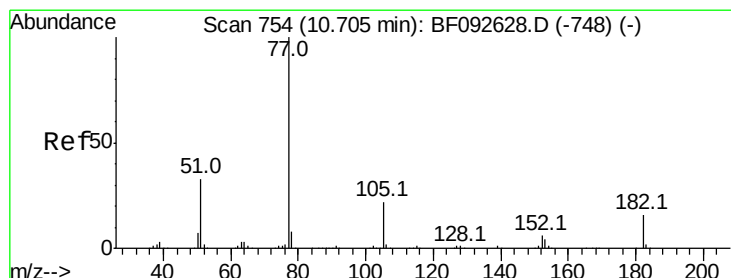
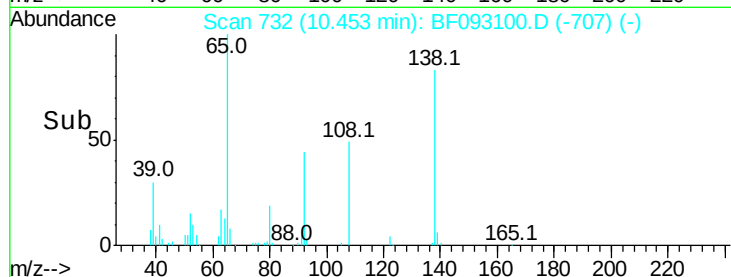
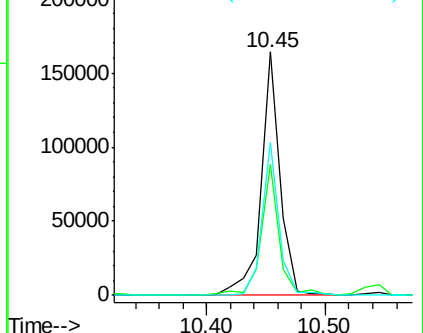
#61
4-Nitroaniline
Concen: 35.05 ng
RT: 10.45 min Scan# 732
Delta R.T. -0.01 min
Lab File: BF093100.D
Acq: 23 Feb 2017 10:39

Instrument :
BNA_F
ClientSampleId :
PB97103BS

Tot Ion:138 Resp: 182770
Ion Ratio Lower Upper
138 100
92 53.7 31.7 71.7
108 63.0 52.6 92.6

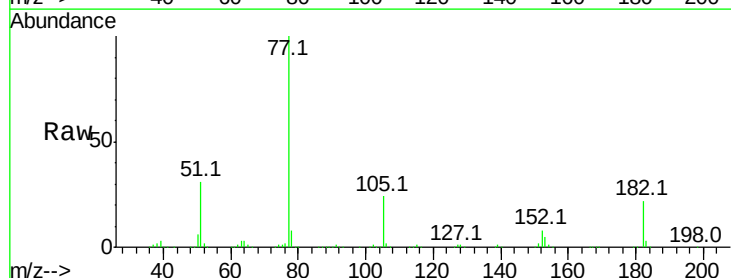


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

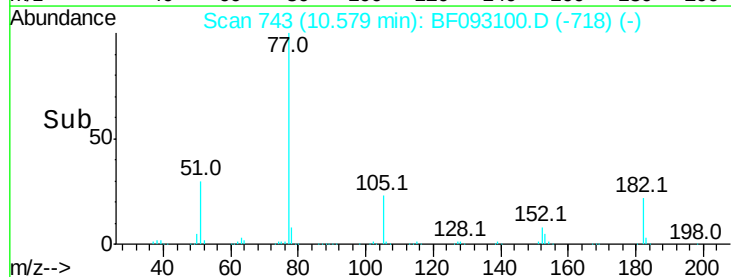
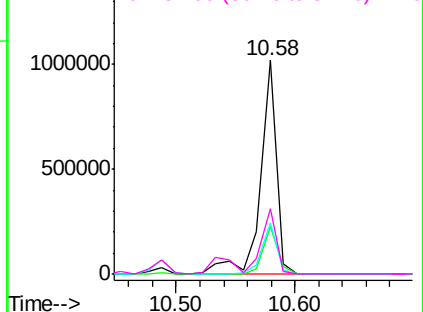


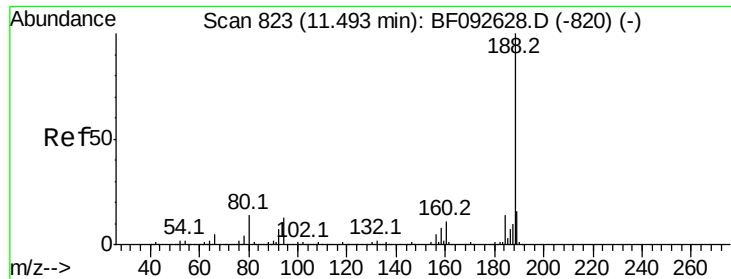
#62
Azobenzene
Concen: 48.15 ng
RT: 10.58 min Scan# 743
Delta R.T. -0.01 min
Lab File: BF093100.D
Acq: 23 Feb 2017 10:39

Tgt Ion: 77 Resp: 965719
Ion Ratio Lower Upper
77 100
182 22.3 0.0 39.3
105 24.0 2.3 42.3
51 30.6 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

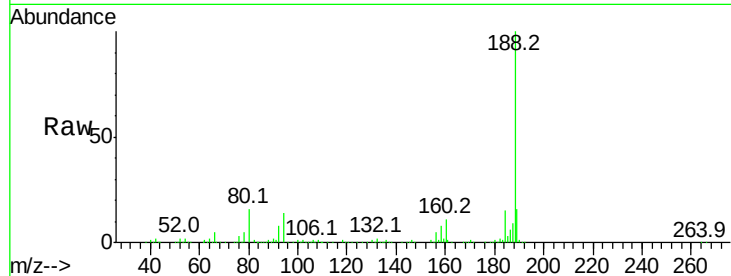




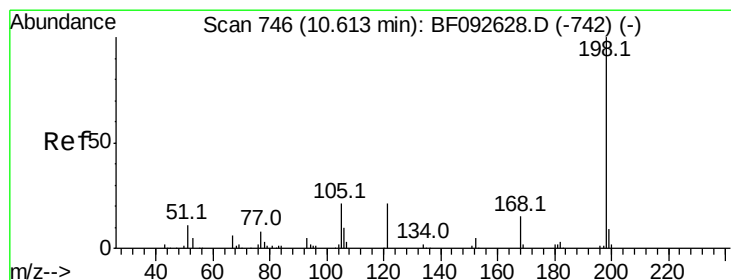
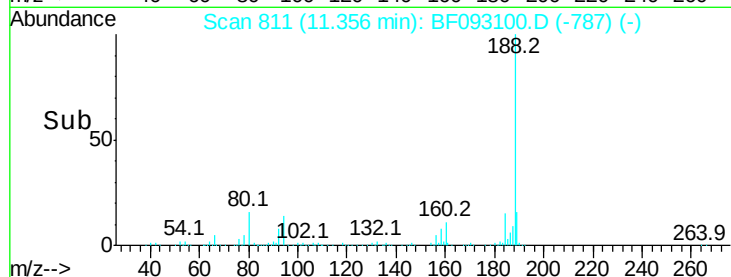
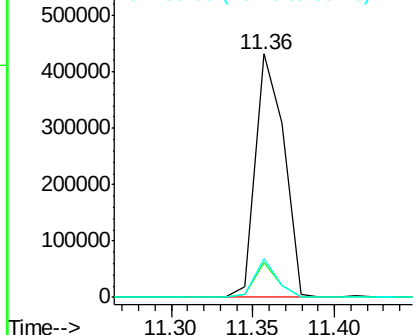
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093100.D
Acq: 23 Feb 2017 10:39

Instrument :
BNA_F
ClientSampleId :
PB97103BS

Tot Ion:188 Resp: 527246
Ion Ratio Lower Upper
188 100
94 14.4 10.0 15.0
80 15.7 11.2 16.8

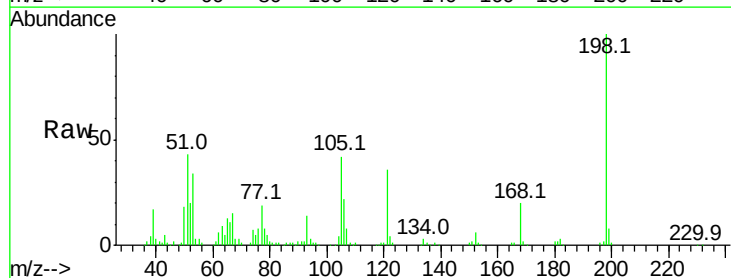


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

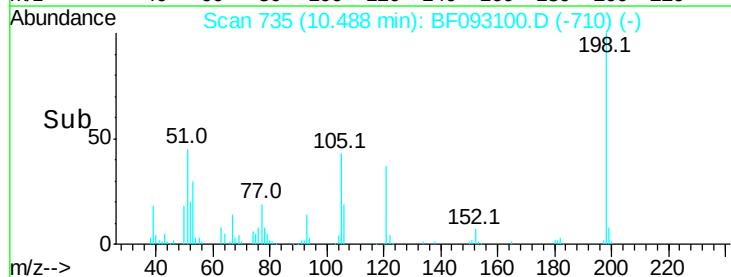
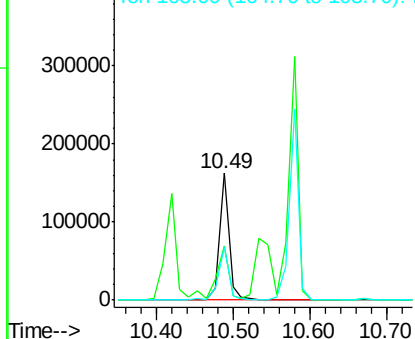


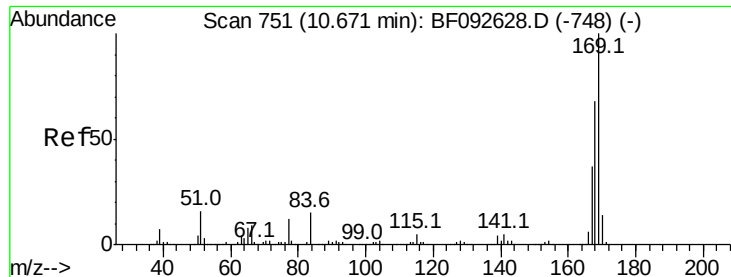
#64
4,6-Dinitro-2-methylphenol
Concen: 44.11 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF093100.D
Acq: 23 Feb 2017 10:39

Tgt Ion:198 Resp: 140842
Ion Ratio Lower Upper
198 100
51 43.2 6.7 46.7
105 41.6 16.6 56.6



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





#65

n-Nitrosodiphenylamine

Concen: 43.36 ng

RT: 10.54 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

PB97103BS

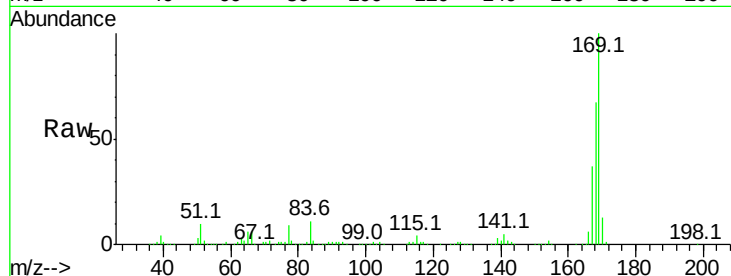
Tot Ion:169 Resp: 730304

Ion Ratio Lower Upper

169 100

168 67.4 54.2 81.2

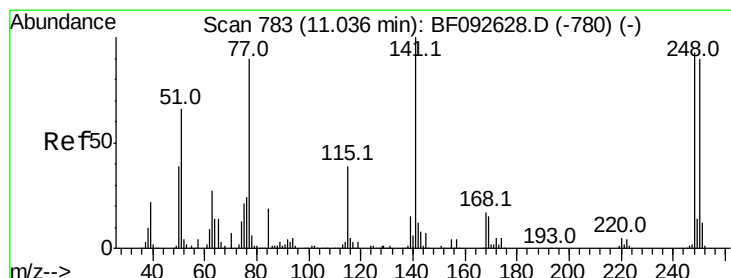
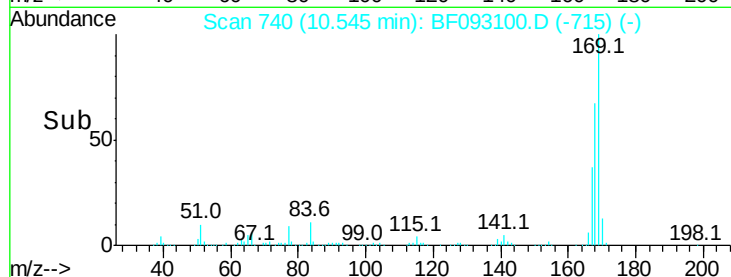
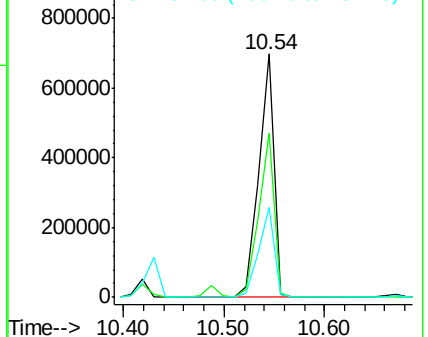
167 37.1 30.2 45.4



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: 40.76 ng

RT: 10.91 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

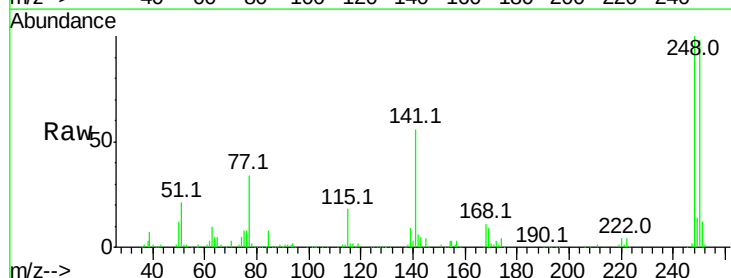
Tgt Ion:248 Resp: 224523

Ion Ratio Lower Upper

248 100

250 98.4 76.9 115.3

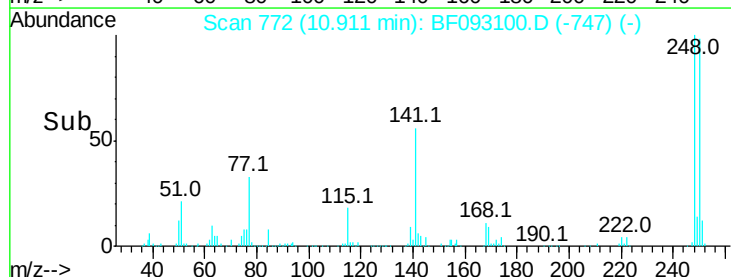
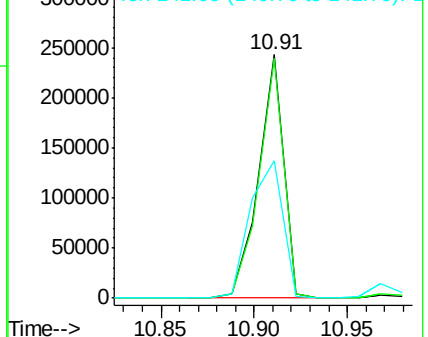
141 56.2 68.2 102.4#

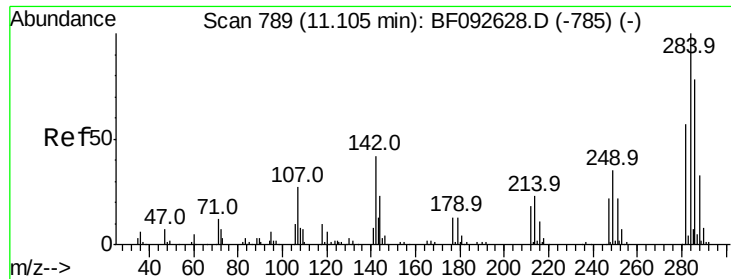


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

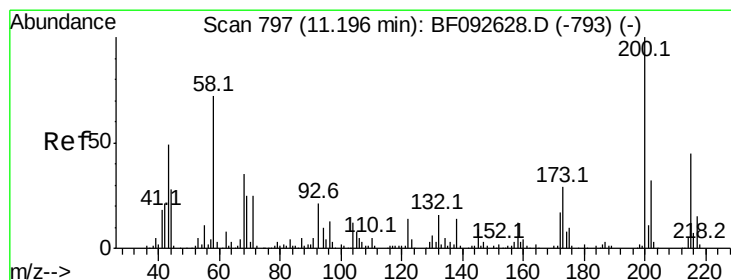
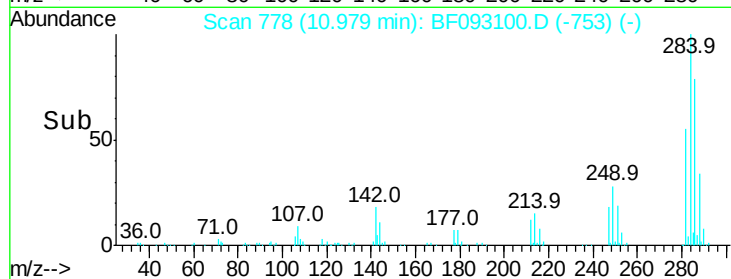
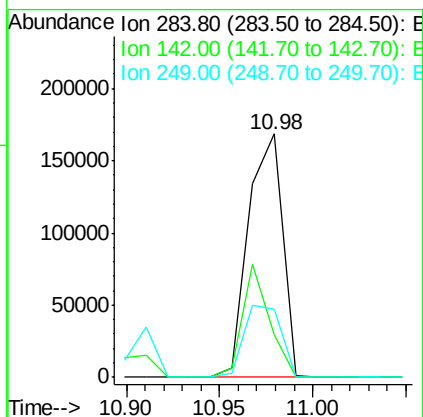
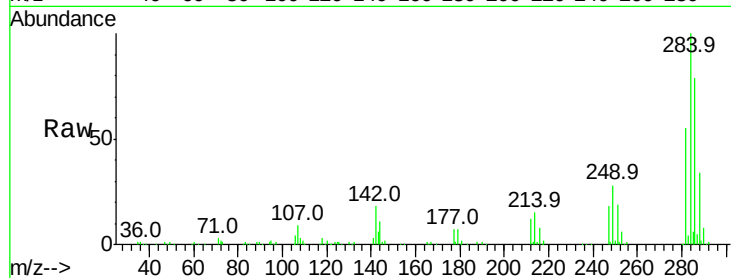




#67
Hexachlorobenzene
Concen: 39.19 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF093100.D
Acq: 23 Feb 2017 10:39

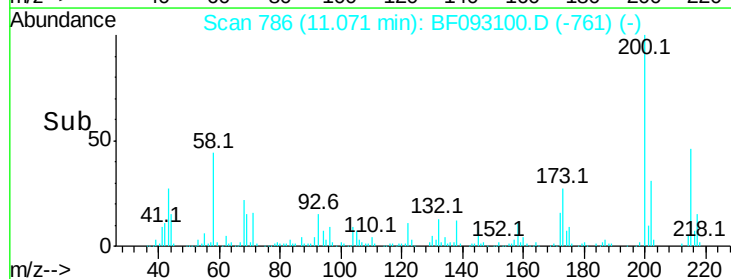
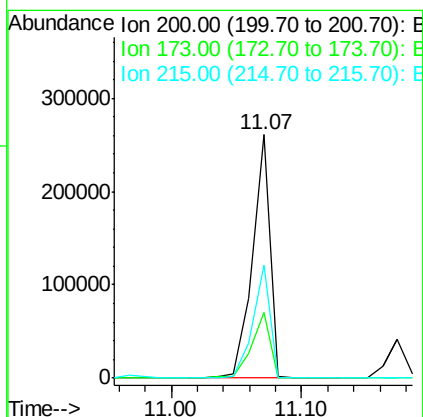
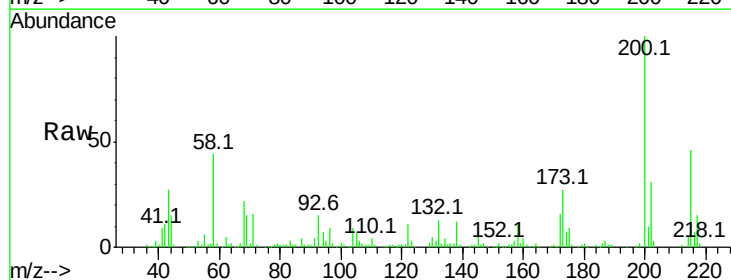
Instrument :
BNA_F
ClientSampleId :
PB97103BS

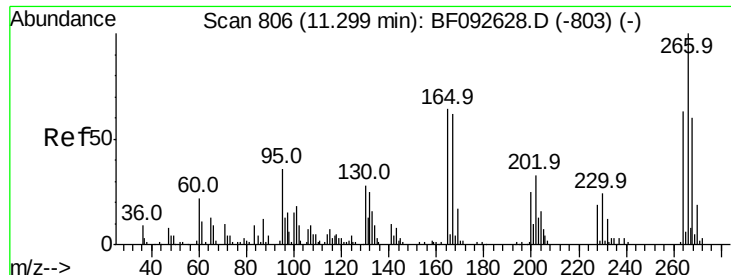
Tot Ion	Ratio	Lower	Upper
284	100		
142	17.6	22.6	33.8#
249	28.2	25.4	38.0



#68
Atrazine
Concen: 45.04 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF093100.D
Acq: 23 Feb 2017 10:39

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.2	9.6	49.6
215	46.4	25.7	65.7

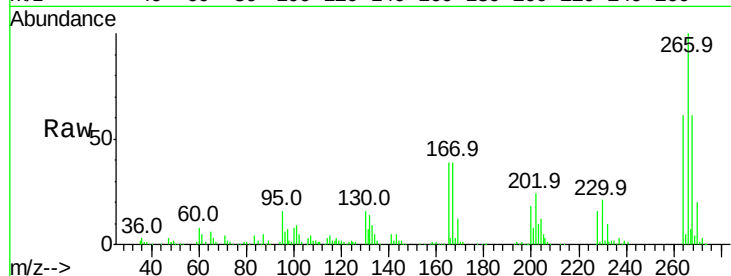




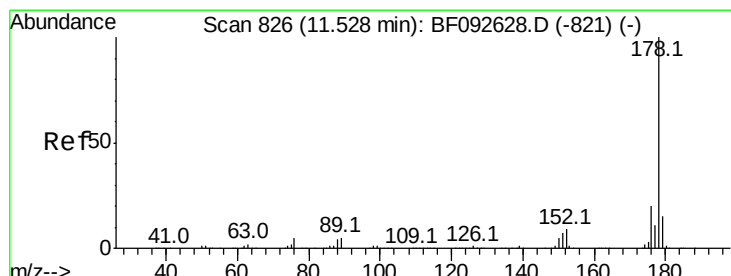
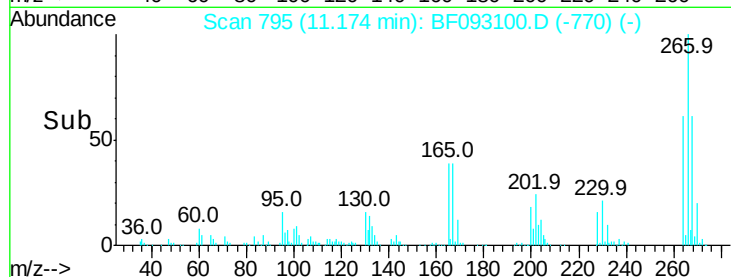
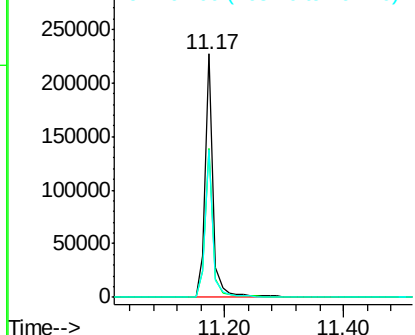
#69
 Pentachlorophenol
 Concen: 79.08 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF093100.D
 Acq: 23 Feb 2017 10:39

Instrument :
 BNA_F
 ClientSampleId :
 PB97103BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.2	53.3	79.9
264	60.6	50.3	75.5

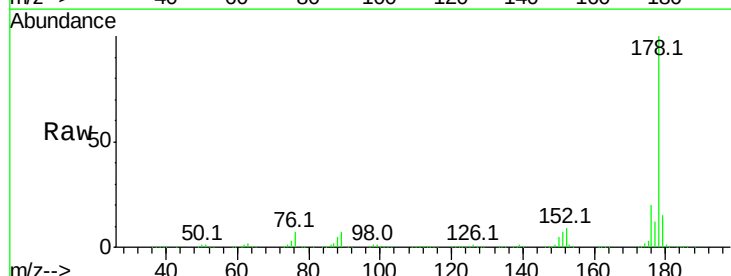


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

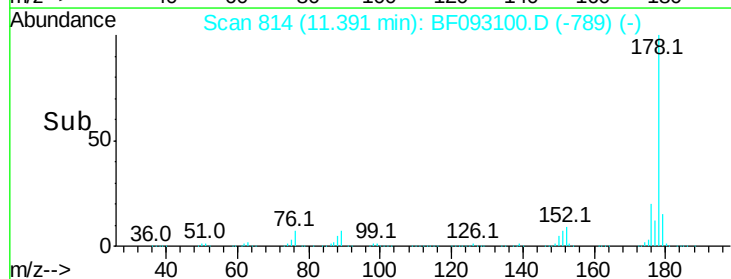
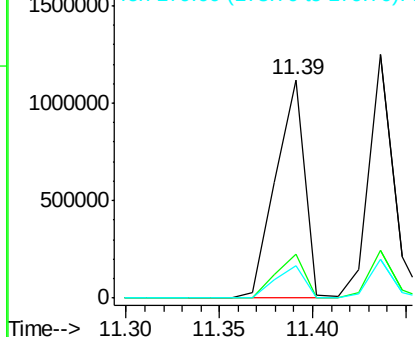


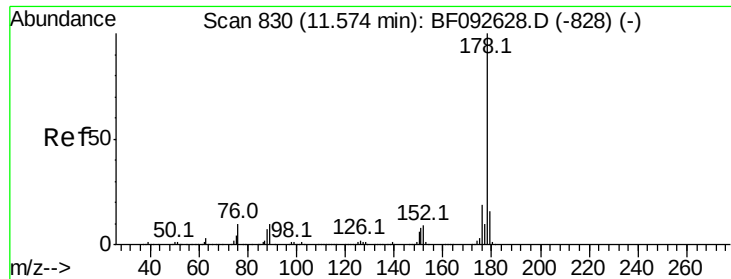
#70
 Phenanthrene
 Concen: 40.02 ng
 RT: 11.39 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF093100.D
 Acq: 23 Feb 2017 10:39

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.9	16.6	25.0
179	15.0	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: 36.76 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

PB97103BS

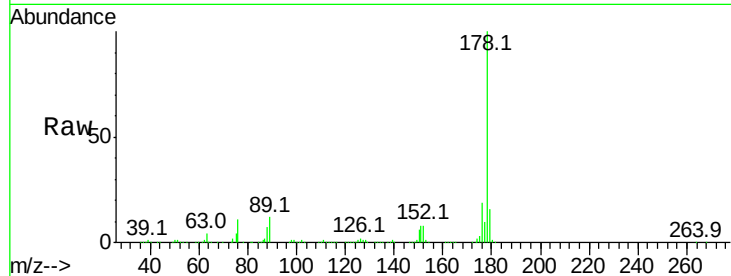
Tot Ion:178 Resp: 1115232

Ion Ratio Lower Upper

178 100

176 19.4 15.9 23.9

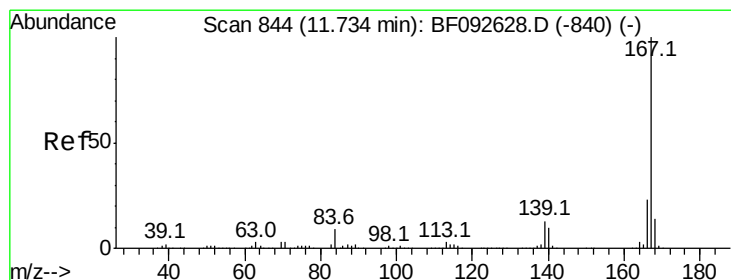
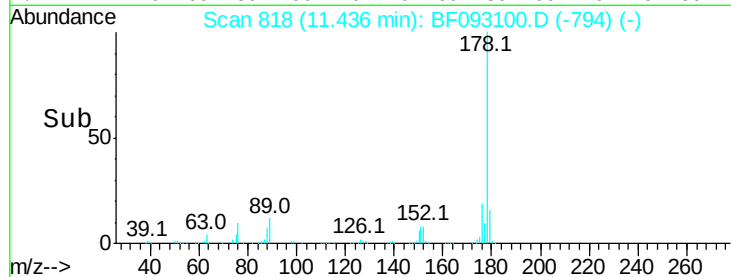
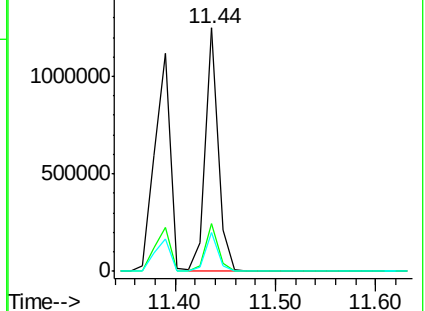
179 15.9 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 38.03 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

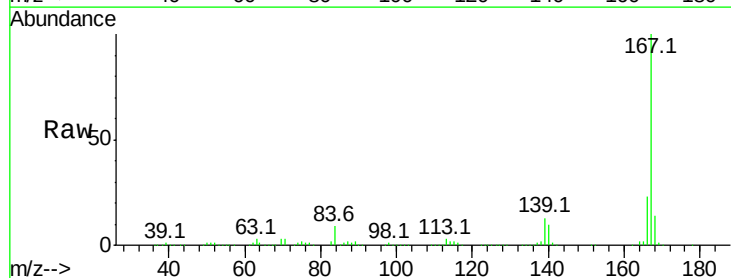
Tgt Ion:167 Resp: 1102803

Ion Ratio Lower Upper

167 100

166 22.6 18.2 27.2

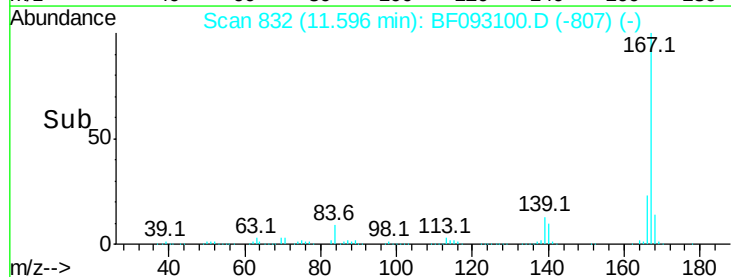
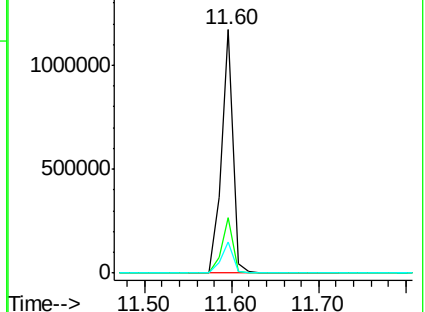
139 12.8 11.4 17.2

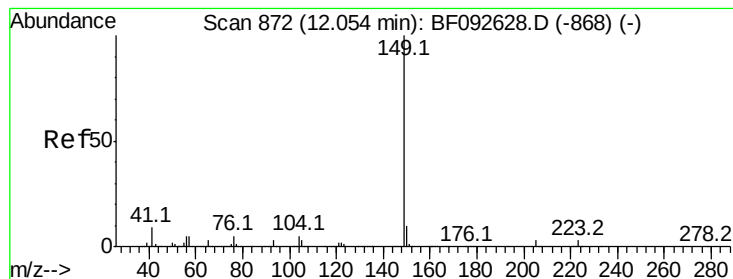


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 42.21 ng

RT: 11.93 min Scan# 861

Delta R.T. -0.01 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

PB97103BS

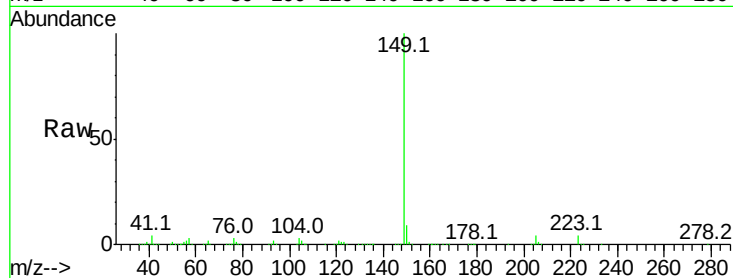
Tot Ion:149 Resp: 1323734

Ion Ratio Lower Upper

149 100

150 9.0 8.1 12.1

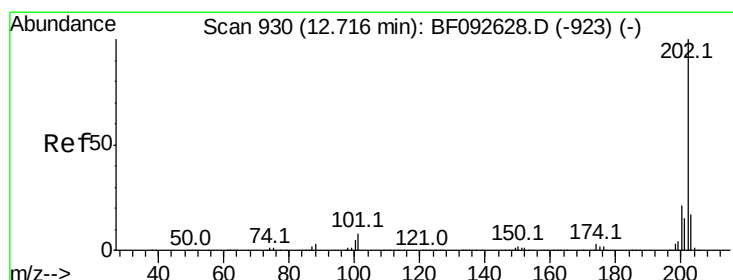
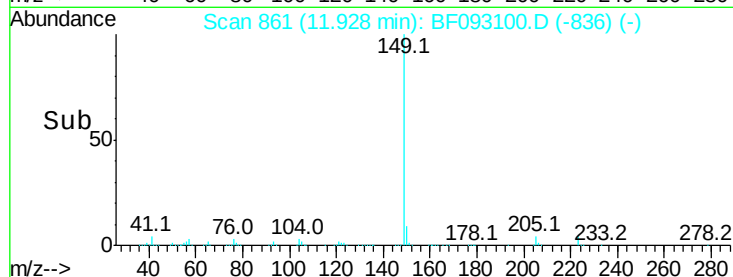
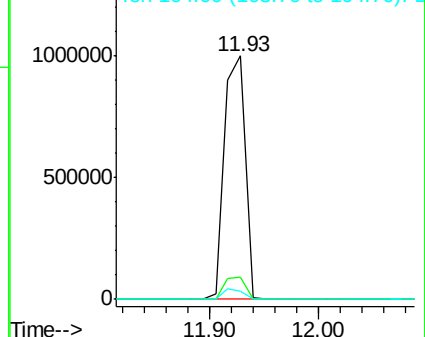
104 3.4 4.6 7.0#



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: 33.72 ng

RT: 12.57 min Scan# 917

Delta R.T. -0.02 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

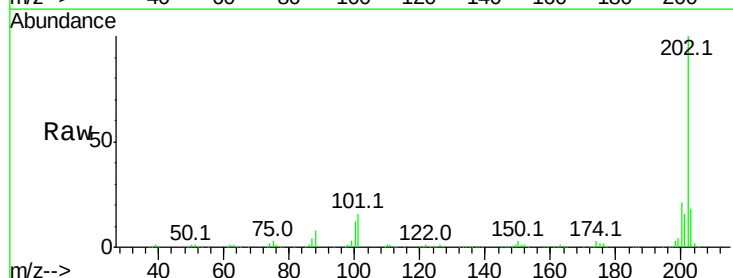
Tgt Ion:202 Resp: 1050500

Ion Ratio Lower Upper

202 100

101 15.9 0.0 34.6

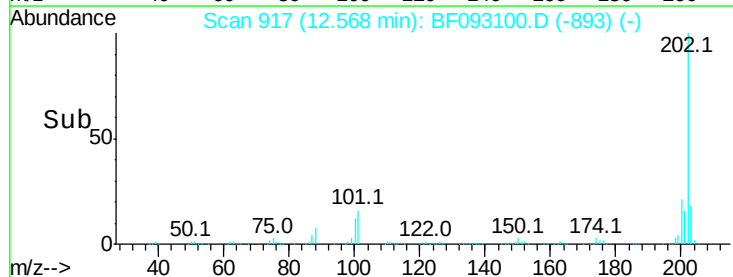
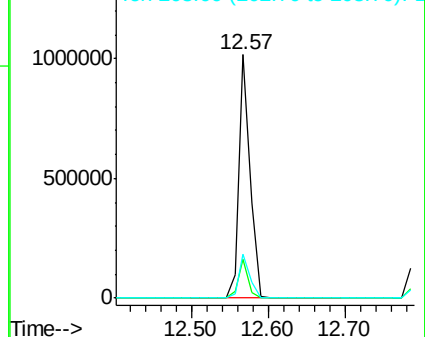
203 18.2 0.0 38.7

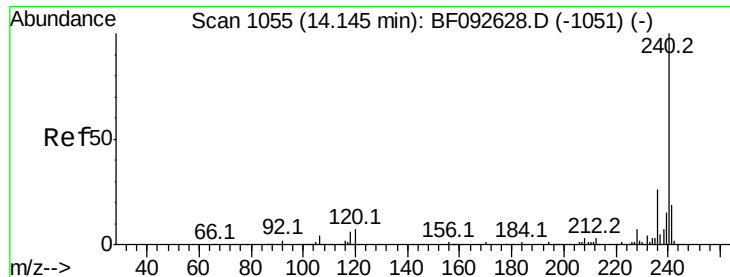


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

PB97103BS

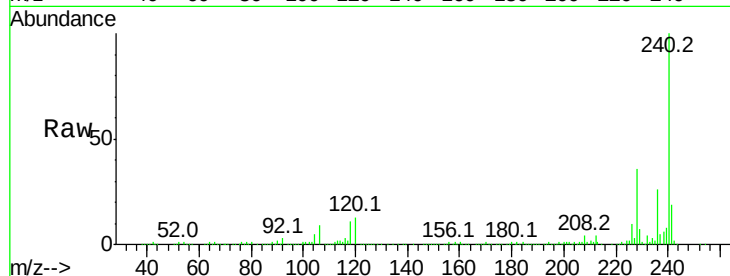
Tot Ion:240 Resp: 376085

Ion Ratio Lower Upper

240 100

120 13.3 12.9 19.3

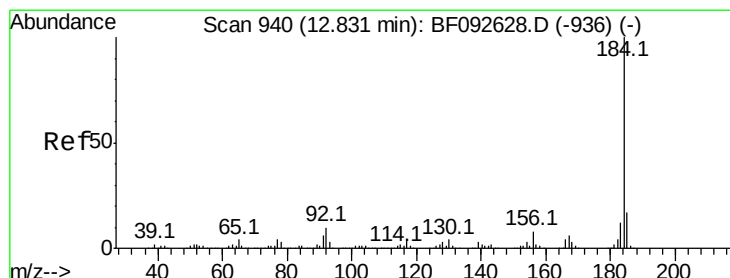
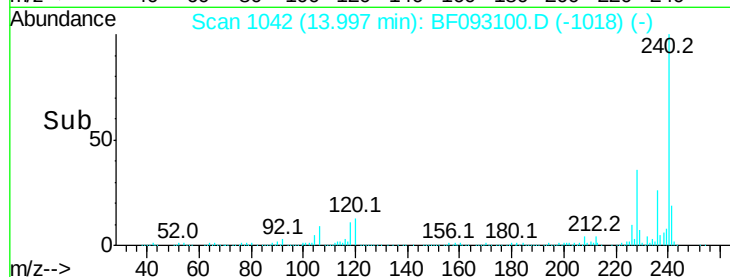
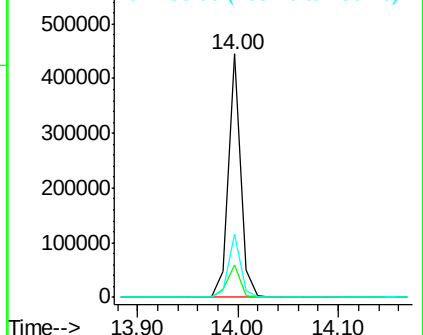
236 26.0 20.9 31.3



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: 21.73 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

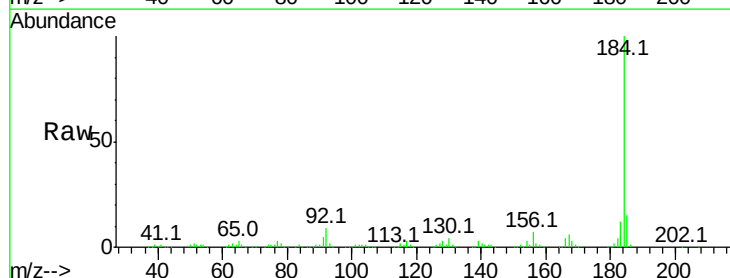
Tgt Ion:184 Resp: 348303

Ion Ratio Lower Upper

184 100

185 15.0 13.4 20.0

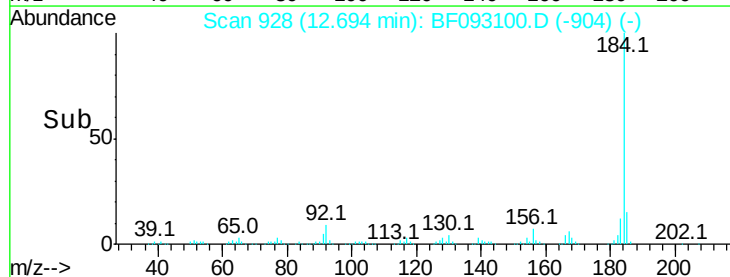
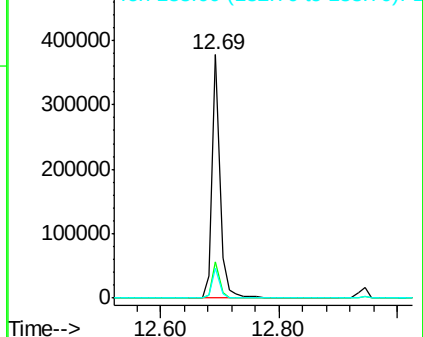
183 12.3 9.2 13.8

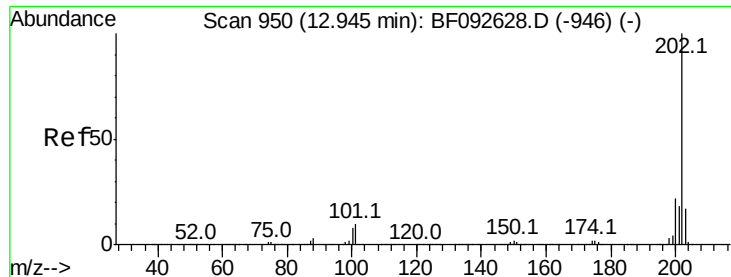


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



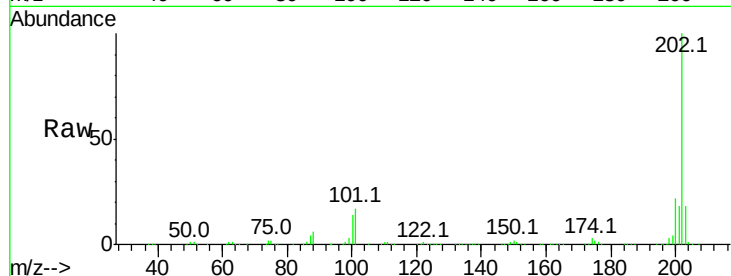


#77
 Pvrene
 Concen: 37.13 ng
 RT: 12.80 min Scan# 937
 Delta R.T. -0.02 min
 Lab File: BF093100.D
 Acq: 23 Feb 2017 10:39

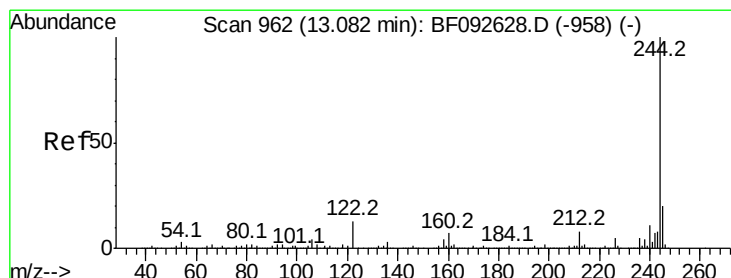
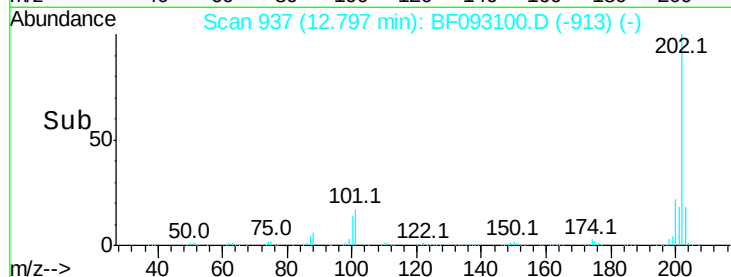
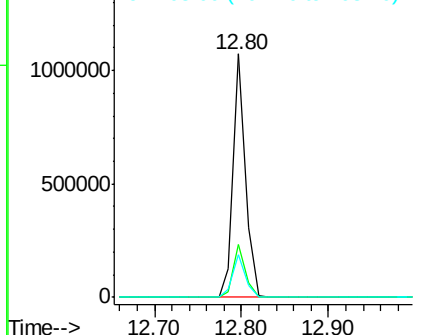
Instrument :
 BNA_F
 ClientSampleId :
 PB97103BS

Tot Ion:202 Resp: 1044980

Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.7	26.5
203	17.7	14.7	22.1



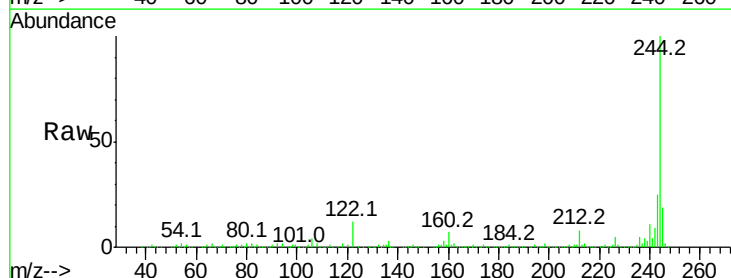
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



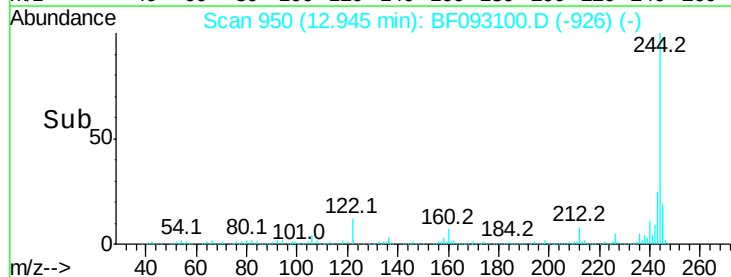
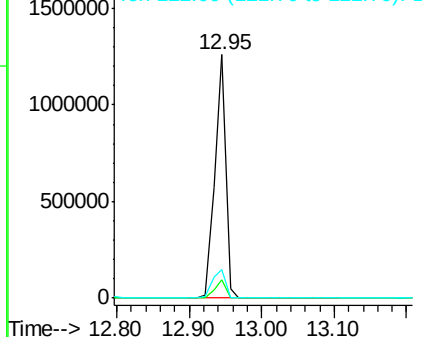
#78
 Terphenyl-d14
 Concen: 81.97 ng
 RT: 12.95 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF093100.D
 Acq: 23 Feb 2017 10:39

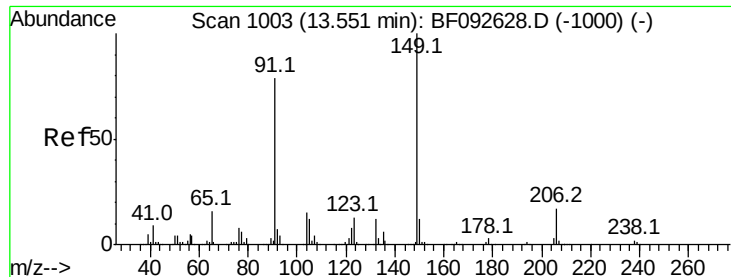
Tgt Ion:244 Resp: 1311966

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.2	9.2
122	11.8	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

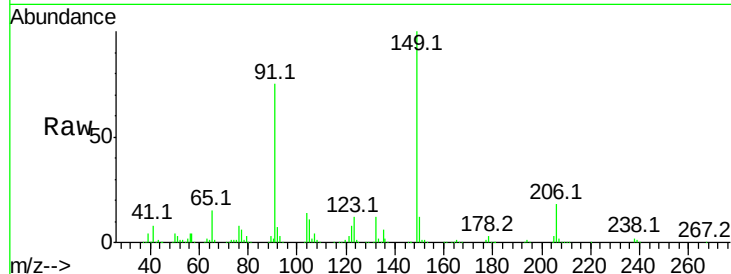




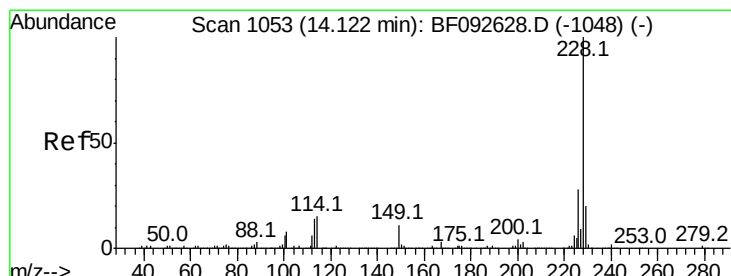
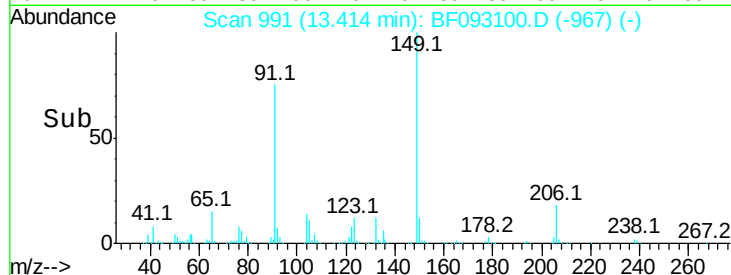
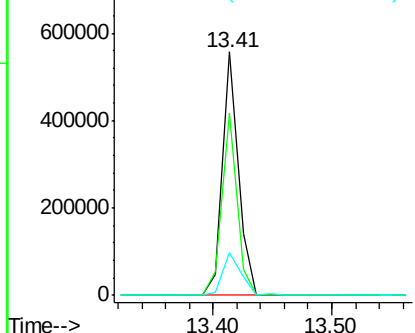
#79
Butylbenzylphthalate
Concen: 44.99 ng
RT: 13.41 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF093100.D
Acq: 23 Feb 2017 10:39

Instrument :
BNA_F
ClientSampleId :
PB97103BS

Tot Ion:149 Resp: 514161
Ion Ratio Lower Upper
149 100
91 75.0 63.9 95.9
206 17.7 14.6 21.8

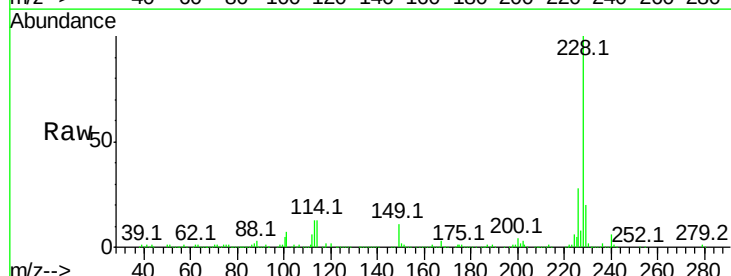


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

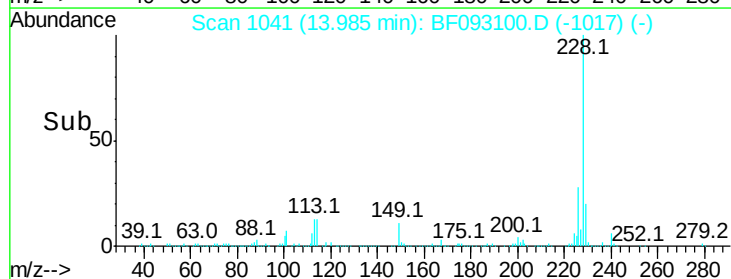
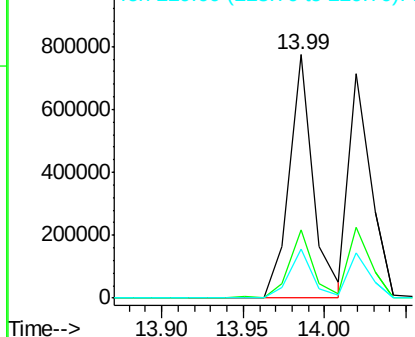


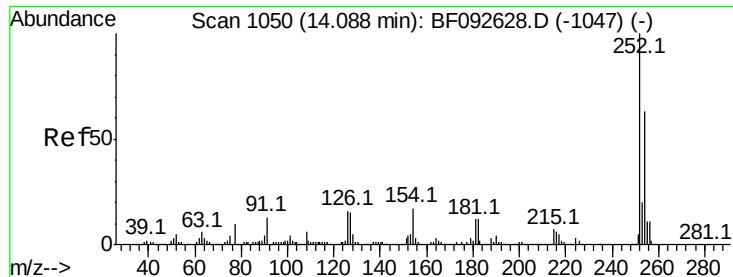
#80
Benzo(a)anthracene
Concen: 34.26 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.02 min
Lab File: BF093100.D
Acq: 23 Feb 2017 10:39

Tgt Ion:228 Resp: 788013
Ion Ratio Lower Upper
228 100
226 28.3 22.4 33.6
229 19.9 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

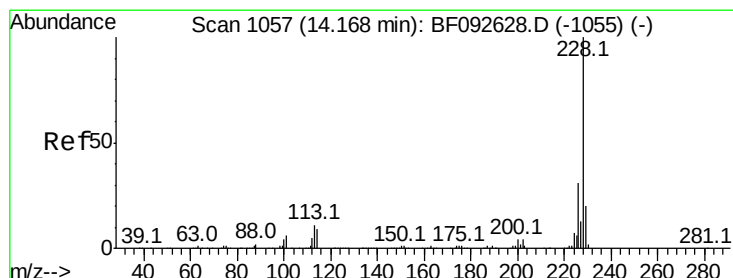
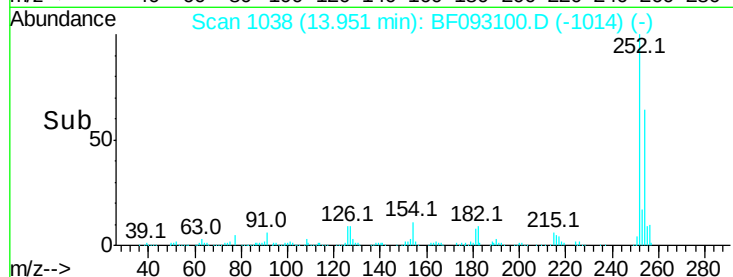
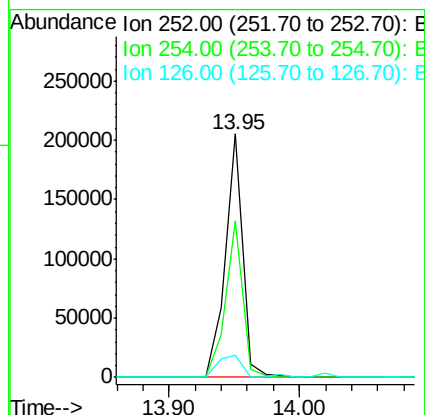
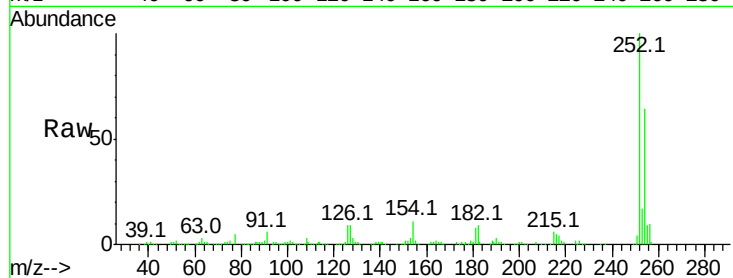




#81
 3,3'-Dichlorobenzidine
 Concen: 23.34 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF093100.D
 Acq: 23 Feb 2017 10:39

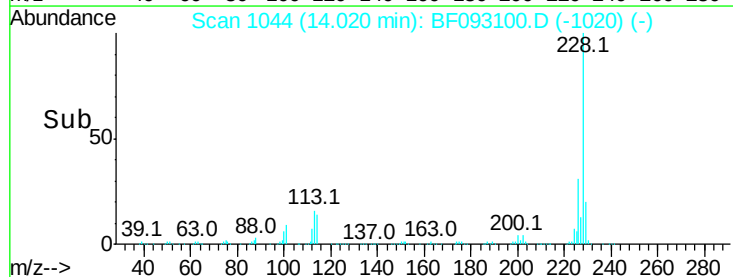
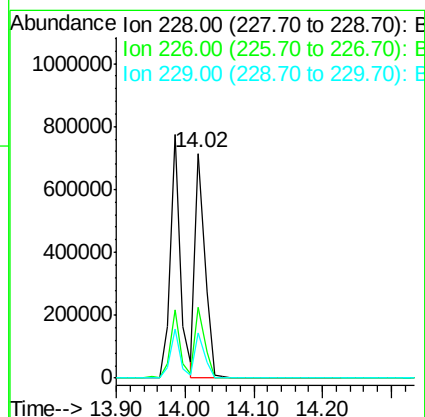
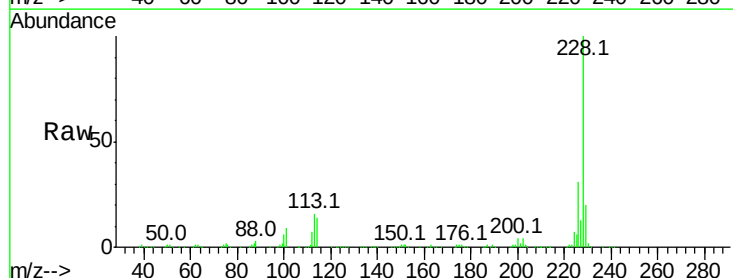
Instrument :
 BNA_F
 ClientSampleId :
 PB97103BS

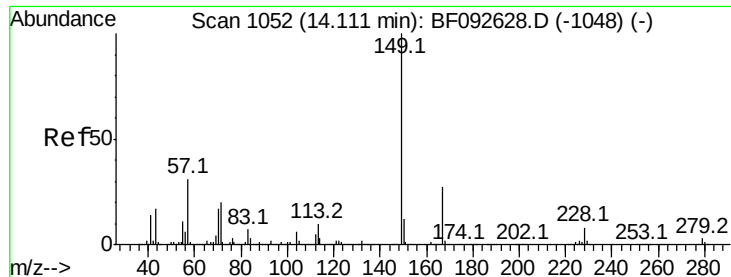
Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	52.3	78.5
126	9.0	13.6	20.4



#82
 Chrysene
 Concen: 32.31 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BF093100.D
 Acq: 23 Feb 2017 10:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	25.4	38.0
229	19.8	16.2	24.2

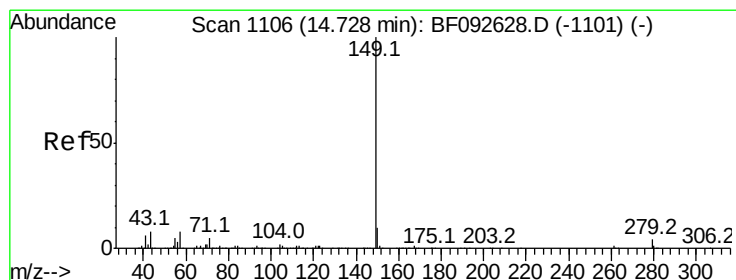
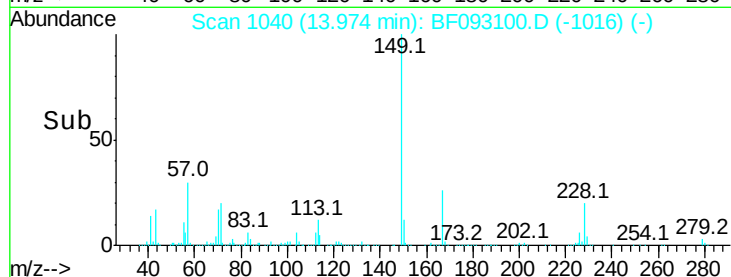
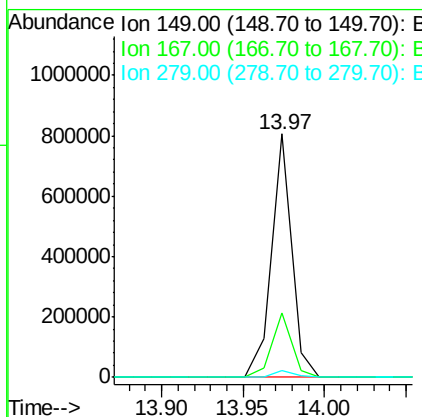
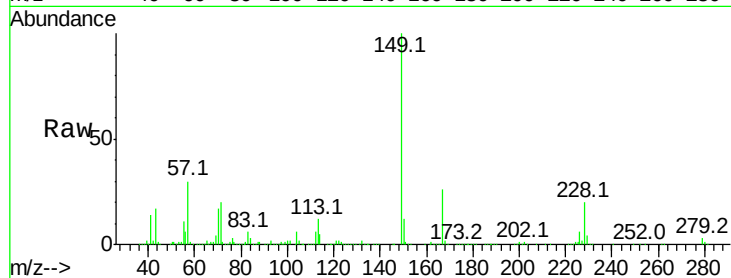




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.77 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF093100.D
 Acq: 23 Feb 2017 10:39

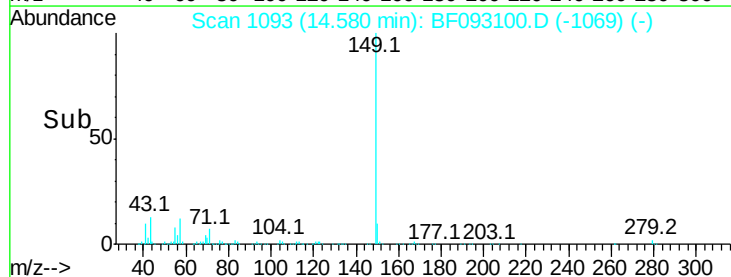
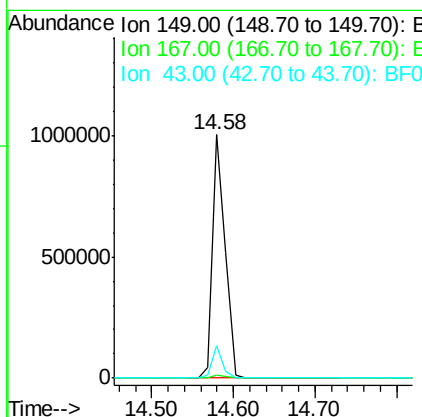
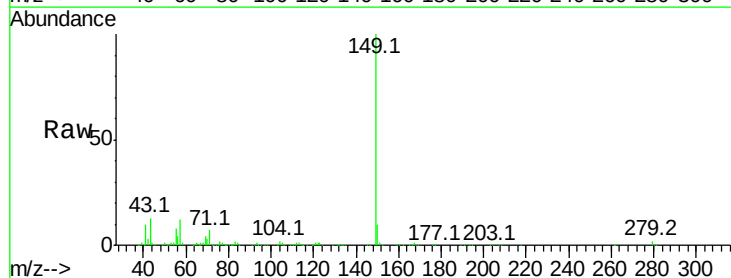
Instrument :
 BNA_F
 ClientSampleId :
 PB97103BS

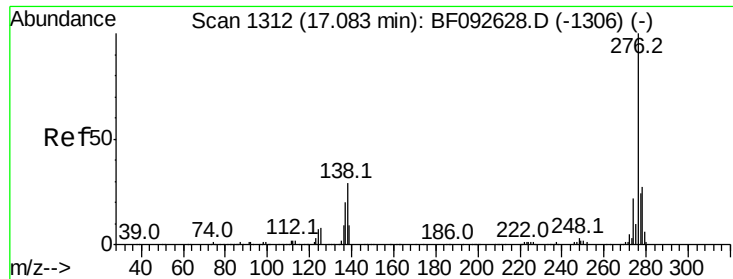
Tot Ion:149 Resp: 699744
 Ion Ratio Lower Upper
 149 100
 167 26.2 20.2 30.4
 279 2.8 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 42.81 ng
 RT: 14.58 min Scan# 1093
 Delta R.T. -0.02 min
 Lab File: BF093100.D
 Acq: 23 Feb 2017 10:39

Tgt Ion:149 Resp: 1089741
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.2 8.9 13.3





#85

Indeno(1,2,3-cd)pyrene

Concen: 43.80 ng

RT: 16.82 min Scan# 1289

Delta R.T. -0.03 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

PB97103BS

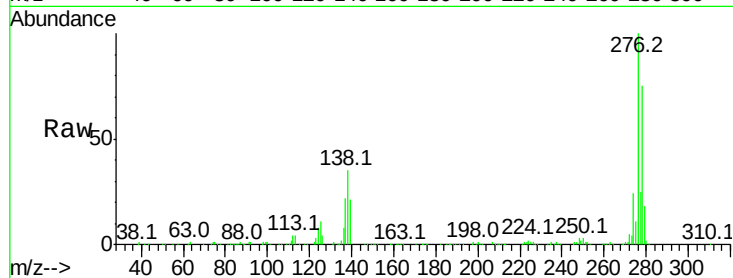
Tot Ion:276 Resp: 730683

Ion Ratio Lower Upper

276 100

138 33.7 21.8 32.6#

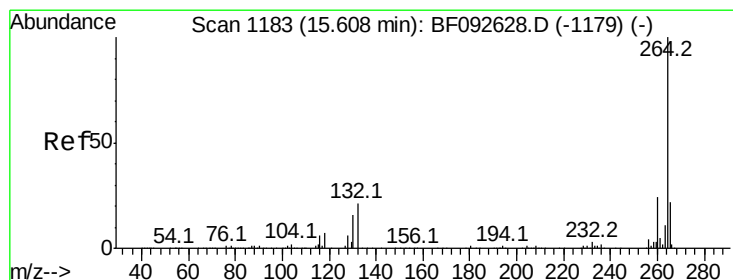
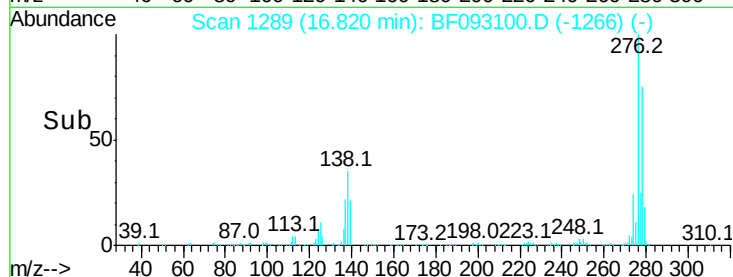
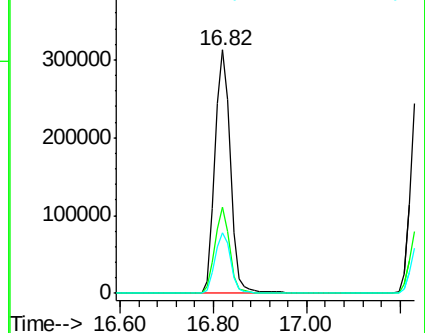
277 25.2 20.2 30.4



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: 15.43 min Scan# 1167

Delta R.T. -0.02 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

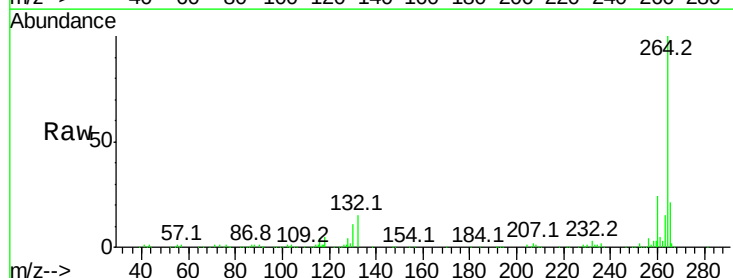
Tgt Ion:264 Resp: 281569

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

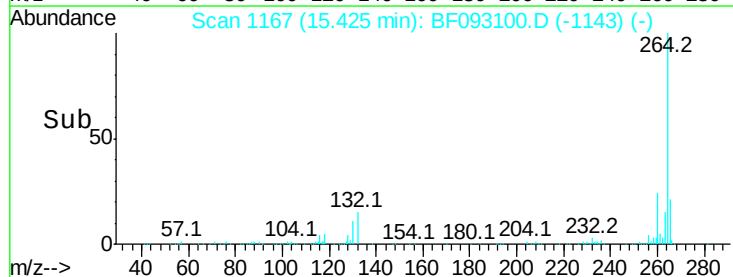
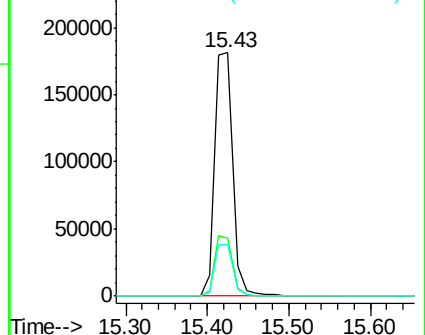
265 21.2 17.4 26.0

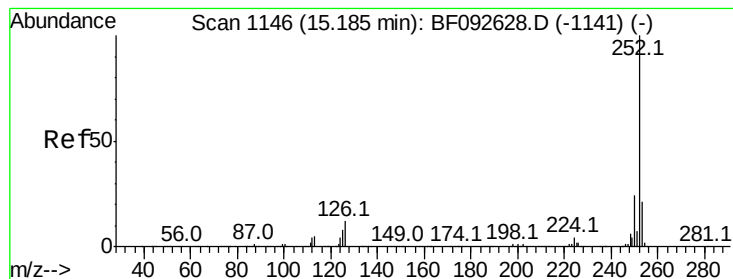


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 69.54 ng

RT: 15.01 min Scan# 1131

Delta R.T. -0.02 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

PB97103BS

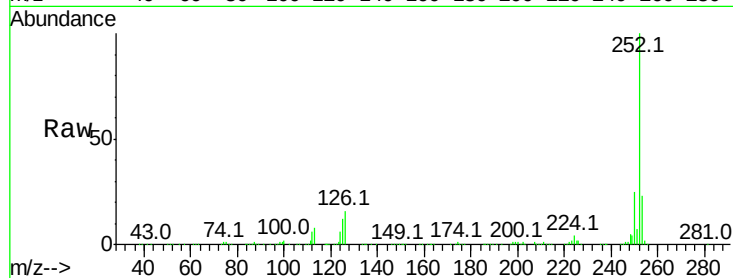
Tot Ion:252 Resp: 1288813

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.4

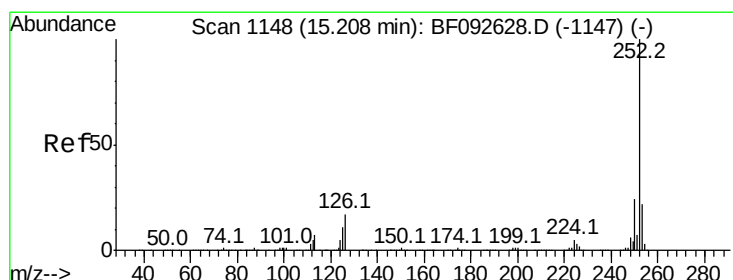
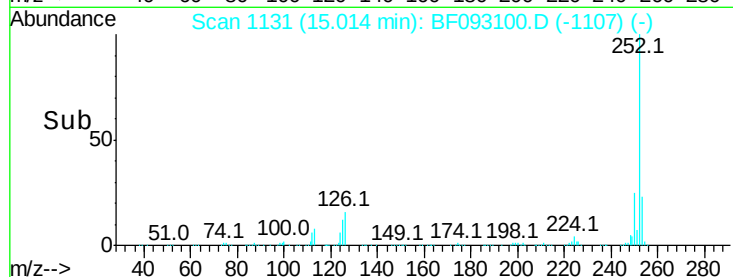
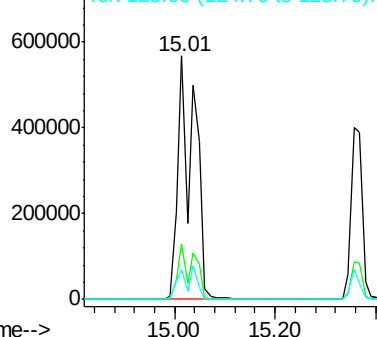
125 12.2 9.8 14.6



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: 80.57 ng

RT: 15.01 min Scan# 1131

Delta R.T. -0.06 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

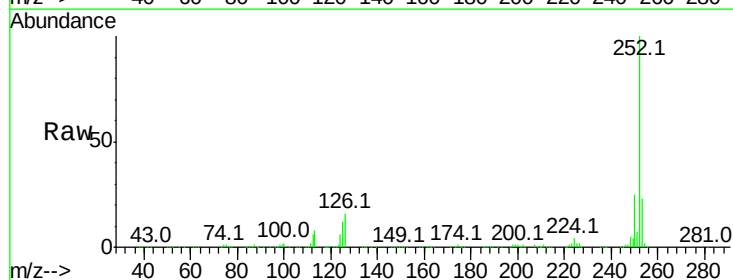
Tgt Ion:252 Resp: 1289271

Ion Ratio Lower Upper

252 100

253 22.5 18.5 27.7

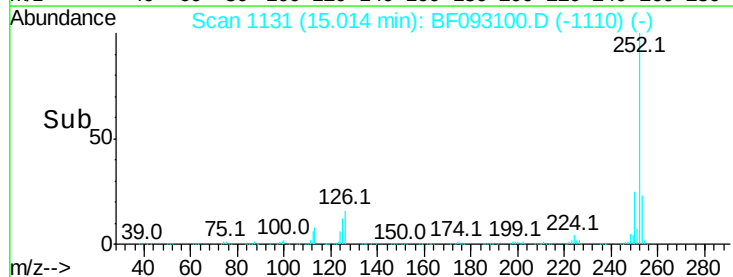
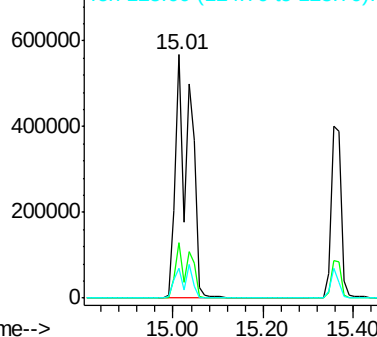
125 12.2 8.9 13.3

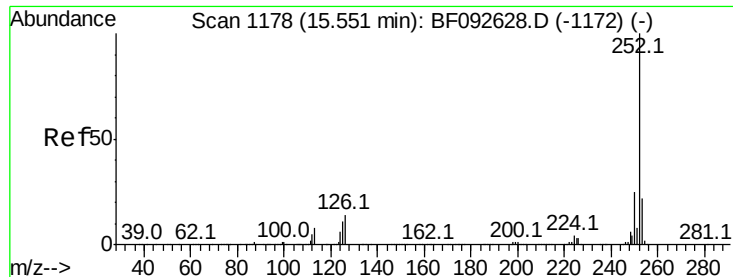


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

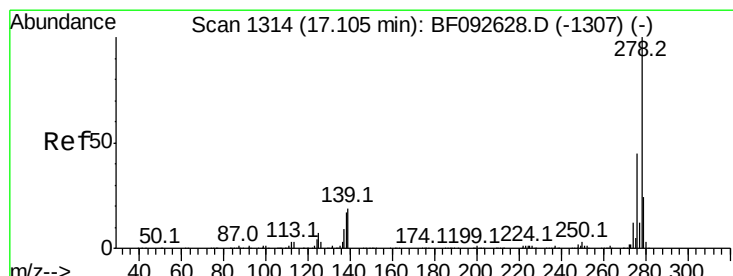
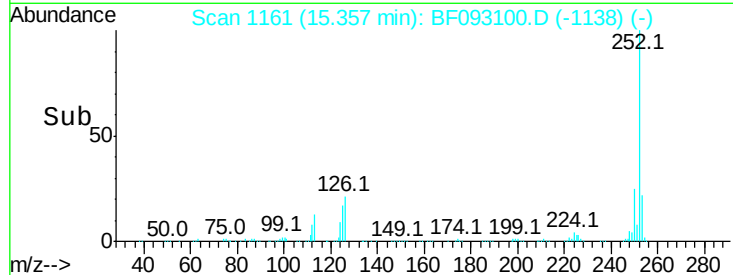
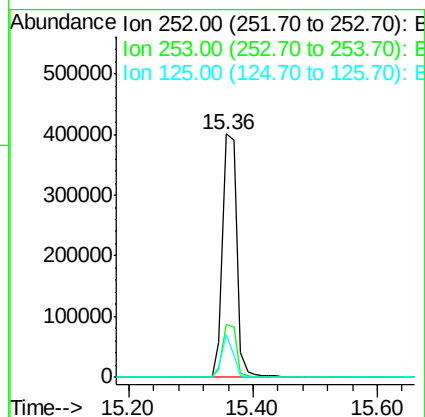
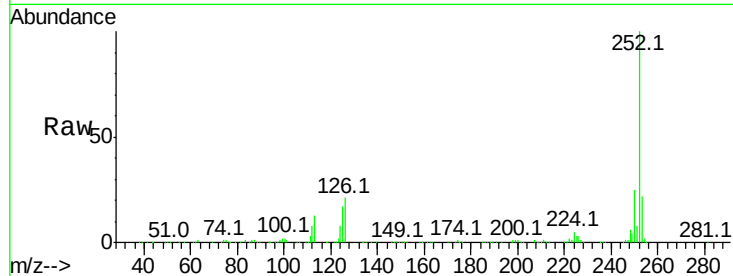




#89
Benzo(a)pyrene
Concen: 39.37 ng
RT: 15.36 min Scan# 1161
Delta R.T. -0.03 min
Lab File: BF093100.D
Acq: 23 Feb 2017 10:39

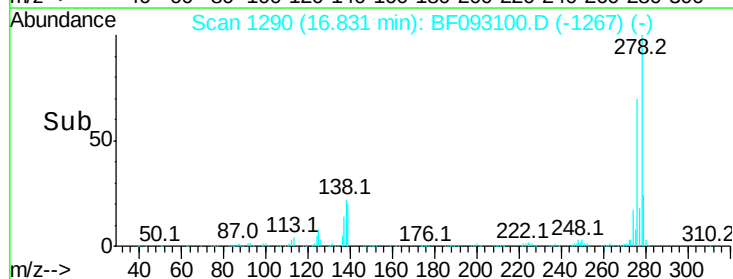
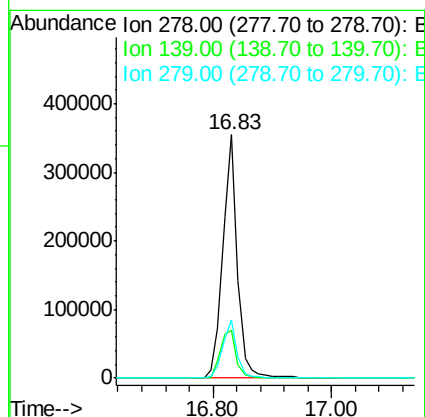
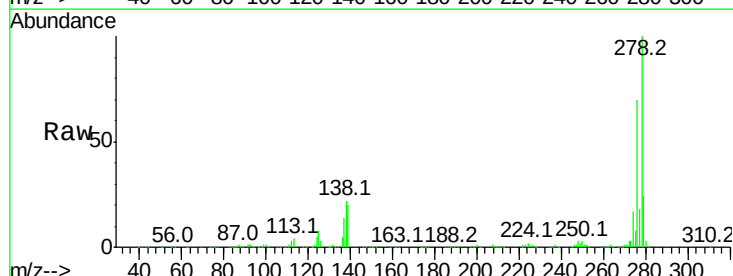
Instrument :
BNA_F
ClientSampled :
PB97103BS

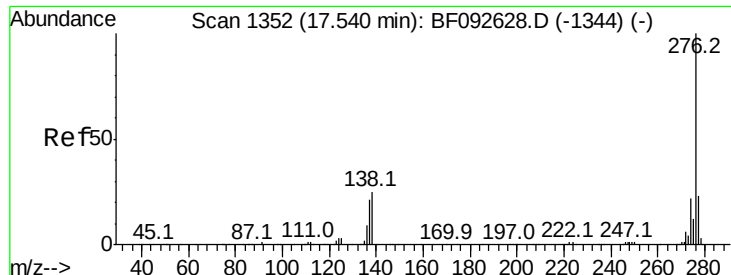
Tot Ion:252 Resp: 631147
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 17.3 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 46.85 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF093100.D
Acq: 23 Feb 2017 10:39

Tgt Ion:278 Resp: 607067
Ion Ratio Lower Upper
278 100
139 19.8 14.8 22.2
279 23.6 19.8 29.6





#91

Benzo(a,h,i)perylene

Concen: 48.75 ng

RT: 17.24 min Scan# 1326

Delta R.T. -0.05 min

Lab File: BF093100.D

Acq: 23 Feb 2017 10:39

Instrument :

BNA_F

ClientSampleId :

PB97103BS

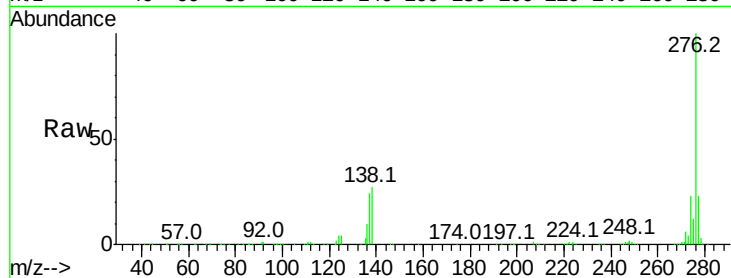
Tot Ion:276 Resp: 638086

Ion Ratio Lower Upper

276 100

277 23.4 19.2 28.8

138 27.1 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

