

Data File : BF093007.D
Acq On : 17 Feb 2017 13:46
Operator : SJ/MA
Sample : PB97012BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97012BS

Quant Time: Feb 17 22:10:14 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	6.85	152	175499	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	701695	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	368049	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	620839	20.00	ng	0.00
75) Chrysene-d12	14.02	240	549988	20.00	ng	0.00
86) Perylene-d12	15.45	264	477150	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1392674	136.14	ng	0.02
7) Phenol-d6	6.50	99	1612442	122.51	ng	0.01
23) Nitrobenzene-d5	7.42	82	1042915	82.77	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	373729	140.40	ng	0.01
44) 2-Fluorobiphenyl	9.22	172	1725224	84.92	ng	0.00
78) Terphenyl-d14	12.97	244	1671519	71.41	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.53	88	206650	37.39	ng	# 84
3) Pyridine	3.24	79	552409	39.30	ng	90
4) n-Nitrosodimethylamine	3.21	42	290565	44.03	ng	90
6) Aniline	6.52	93	354074	19.72	ng	# 51
8) 2-Chlorophenol	6.64	128	481724	42.69	ng	87
9) Benzaldehyde	6.40	77	108676	11.53	ng	94
10) Phenol	6.51	94	580038	37.67	ng	86
11) bis(2-Chloroethyl)ether	6.59	93	472135	38.41	ng	90
12) 1,3-Dichlorobenzene	6.80	146	570347	43.15	ng	99
13) 1,4-Dichlorobenzene	6.86	146	552037	41.26	ng	99
14) 1,2-Dichlorobenzene	7.02	146	551448	43.11	ng	96
15) Benzyl Alcohol	7.00	79	418984	43.00	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.14	45	910676	42.65	ng	94
17) 2-Methylphenol	7.12	107	419002	43.28	ng	97
18) Hexachloroethane	7.37	117	196742	43.08	ng	93
19) n-Nitroso-di-n-propylamine	7.28	70	355751	42.46	ng	99
20) 3+4-Methylphenols	7.28	107	522179	45.11	ng	91
22) Acetophenone	7.26	105	663094	41.39	ng	# 93
24) Nitrobenzene	7.45	77	553454	42.78	ng	# 80
25) Isophorone	7.69	82	1032258	43.96	ng	99
26) 2-Nitrophenol	7.76	139	275069	44.72	ng	98
27) 2,4-Dimethylphenol	7.80	122	498416	46.14	ng	96
28) bis(2-Chloroethoxy)methane	7.89	93	648739	41.72	ng	99
29) 2,4-Dichlorophenol	8.01	162	451913	44.86	ng	99
30) 1,2,4-Trichlorobenzene	8.09	180	455930	42.00	ng	99
31) Naphthalene	8.17	128	1447341	40.69	ng	98
32) Benzoic acid	7.94	122	306057	49.71	ng	96
33) 4-Chloroaniline	8.21	127	153139	10.98	ng	98
34) Hexachlorobutadiene	8.28	225	242549	40.61	ng	98
35) Caprolactam	8.59	113	87878	27.73	ng	# 31
36) 4-Chloro-3-methylphenol	8.70	107	453906	43.22	ng	100
37) 2-Methylnaphthalene	8.85	142	947394	41.48	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	438319	42.43	ng	99
40) Hexachlorocyclopentadiene	9.00	237	371837	79.77	ng	96

Data File : BF093007.D
Acq On : 17 Feb 2017 13:46
Operator : SJ/MA
Sample : PB97012BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97012BS

Quant Time: Feb 17 22:10:14 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

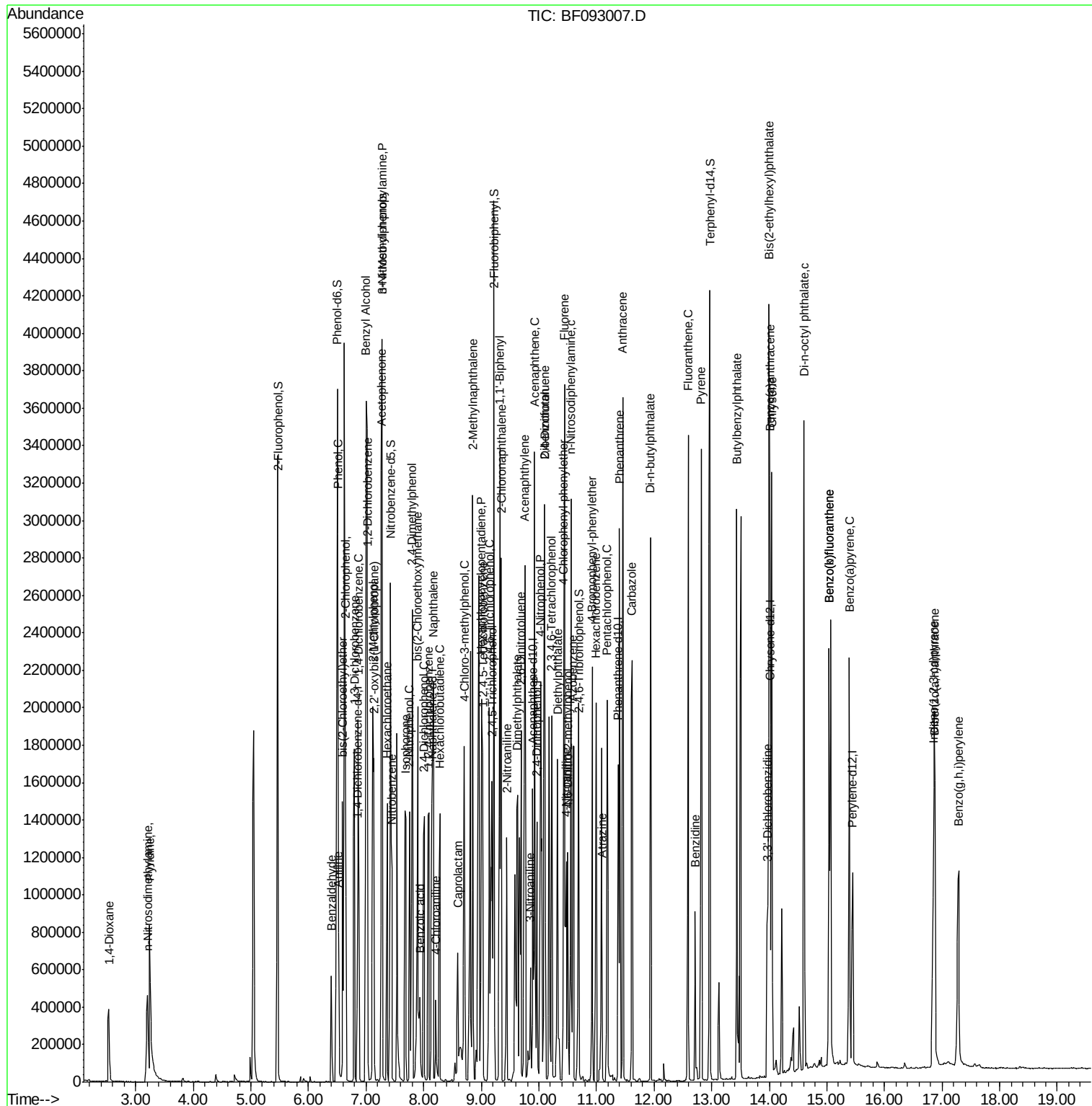
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	343448	50.59	ng	93
43) 2,4,5-Trichlorophenol	9.18	196	304338	40.92	ng #	86
45) 1,1'-Biphenyl	9.32	154	1213156	45.52	ng	99
46) 2-Chloronaphthalene	9.34	162	933676	44.78	ng	99
47) 2-Nitroaniline	9.45	65	317160	45.25	ng #	73
48) Acenaphthylene	9.76	152	1387285	38.52	ng	99
49) Dimethylphthalate	9.63	163	1137418	45.88	ng	99
50) 2,6-Dinitrotoluene	9.69	165	250435	46.78	ng #	92
51) Acenaphthene	9.93	154	921117	42.78	ng	97
52) 3-Nitroaniline	9.85	138	119480	19.50	ng	92
53) 2,4-Dinitrophenol	9.96	184	226075	82.83	ng #	59
54) Dibenzofuran	10.10	168	1171739	40.68	ng	98
55) 4-Nitrophenol	10.03	139	346612	78.55	ng	92
56) 2,4-Dinitrotoluene	10.10	165	319290	44.80	ng #	83
57) Fluorene	10.44	166	855851	38.63	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.22	232	246827	49.74	ng	97
59) Diethylphthalate	10.33	149	1055332	45.17	ng #	93
60) 4-Chlorophenyl-phenylether	10.43	204	422405	39.68	ng	97
61) 4-Nitroaniline	10.48	138	276361	44.04	ng	86
62) Azobenzene	10.59	77	1164820	48.26	ng	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	164890	43.88	ng #	52
65) n-Nitrosodiphenylamine	10.56	169	799070	40.29	ng	100
66) 4-Bromophenyl-phenylether	10.92	248	252859	38.98	ng	94
67) Hexachlorobenzene	10.99	284	257602	40.19	ng #	88
68) Atrazine	11.09	200	278274	43.72	ng	90
69) Pentachlorophenol	11.18	266	294902	88.30	ng	95
70) Phenanthrene	11.40	178	1349060	37.93	ng	99
71) Anthracene	11.46	178	1522117	42.61	ng	99
72) Carbazole	11.62	167	1395718	40.88	ng #	97
73) Di-n-butylphthalate	11.94	149	1526439	41.34	ng	98
74) Fluoranthene	12.59	202	1358773	37.03	ng	98
76) Benzidine	12.72	184	437319	18.66	ng	96
77) Pyrene	12.82	202	1374312	33.39	ng	100
79) Butylbenzylphthalate	13.44	149	691967	41.40	ng	93
80) Benzo(a)anthracene	14.01	228	1190697	35.40	ng	99
81) 3,3'-Dichlorobenzidine	13.97	252	279840	23.34	ng #	94
82) Chrysene	14.04	228	967482	30.72	ng	100
83) Bis(2-ethylhexyl)phthalate	14.00	149	966270	42.27	ng #	96
84) Di-n-octyl phthalate	14.60	149	1599341	42.97	ng	99
85) Indeno(1,2,3-cd)pyrene	16.85	276	1101161	45.14	ng #	94
87) Benzo(b)fluoranthene	15.04	252	1208182	38.47	ng	99
88) Benzo(k)fluoranthene	15.04	252	1208182	44.56	ng	97
89) Benzo(a)pyrene	15.39	252	1133357	41.72	ng	98
90) Dibenzo(a,h)anthracene	16.88	278	925991	42.17	ng	98
91) Benzo(g,h,i)perylene	17.29	276	911790	41.11	ng #	94

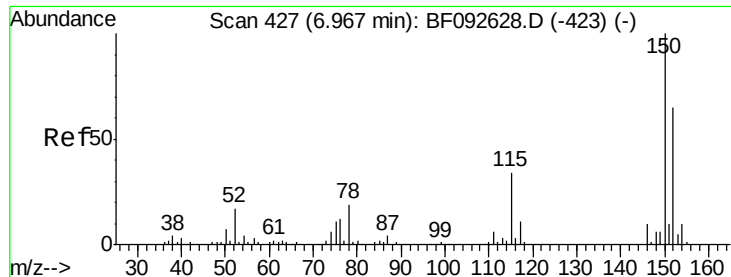
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 4 Sample Multiplier: 1

PB97012BS

Response via : Initial Calibration



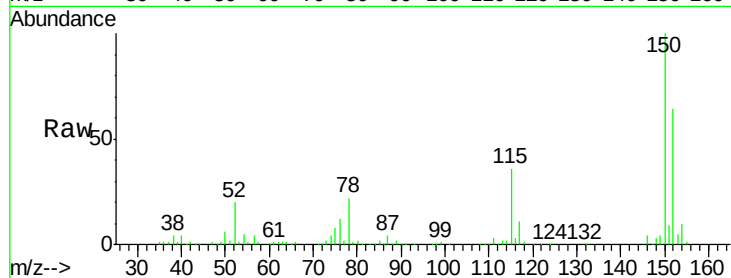


#1

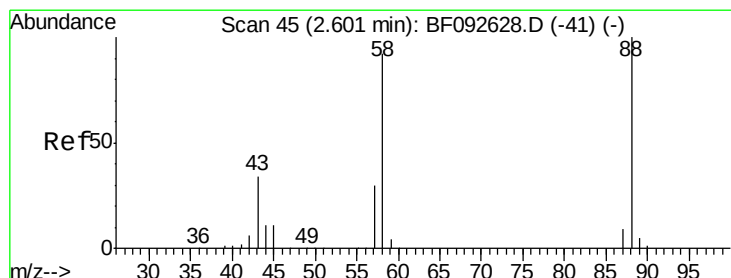
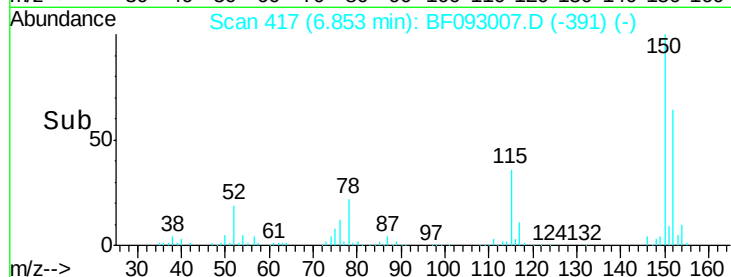
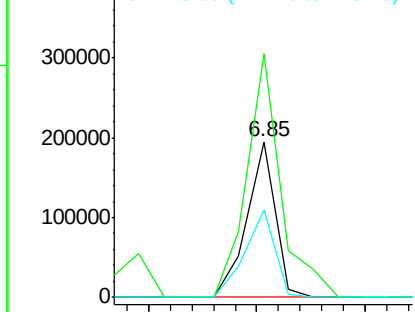
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Instrument :
BNA_F
ClientSampleId :
PB97012BS

Tgt Ion:152 Resp: 175499
Ion Ratio Lower Upper
152 100
150 156.7 124.9 187.3
115 56.6 46.0 69.0



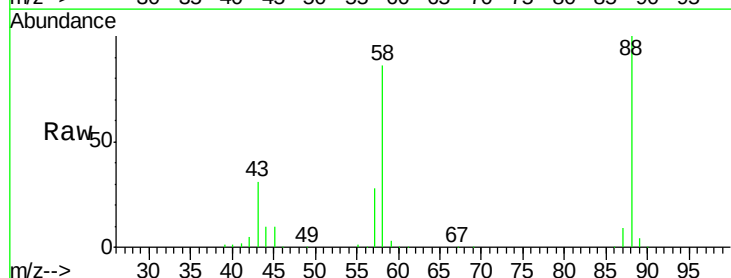
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



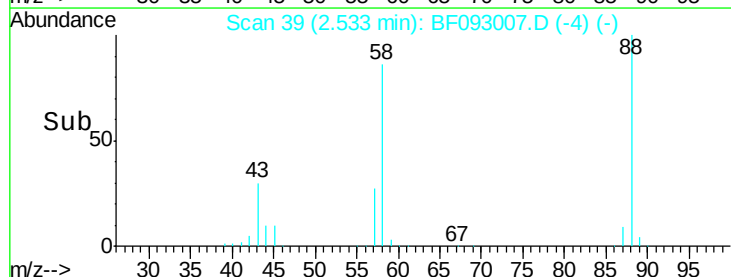
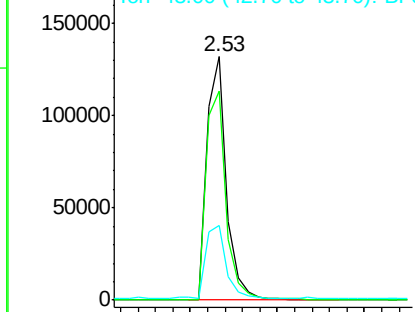
#2

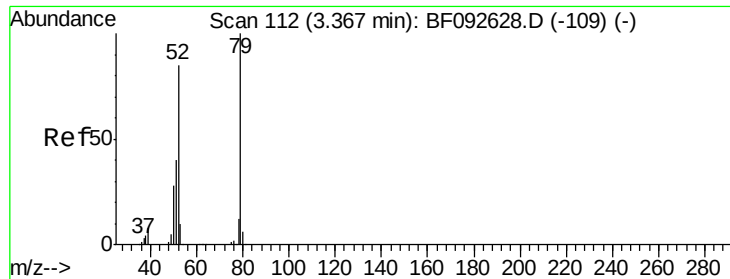
1,4-Dioxane
Concen: 37.39 ng
RT: 2.53 min Scan# 39
Delta R.T. 0.10 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion: 88 Resp: 206650
Ion Ratio Lower Upper
88 100
58 88.5 57.8 86.8#
43 32.1 22.3 33.5



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





#3

Pyridine

Concen: 39.30 ng

RT: 3.24 min Scan# 101

Delta R.T. 0.09 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

ClientSampleId :

PB97012BS

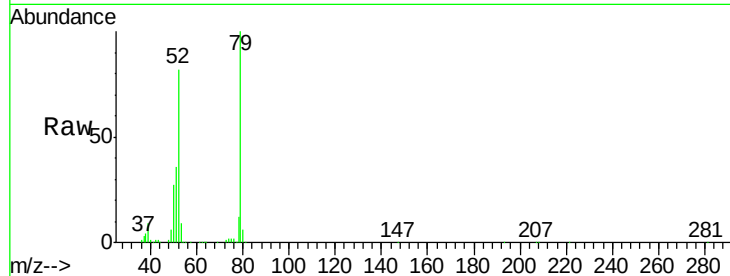
Tgt Ion: 79 Resp: 552409

Ion Ratio Lower Upper

79 100

52 82.5 57.1 85.7

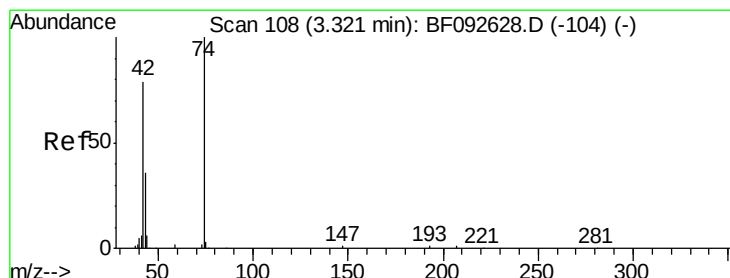
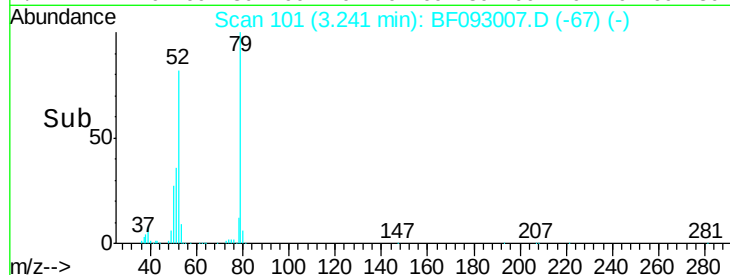
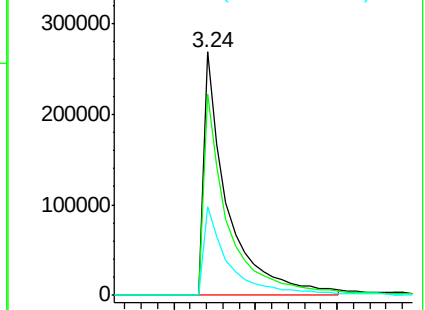
51 36.5 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 44.03 ng

RT: 3.21 min Scan# 98

Delta R.T. 0.10 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

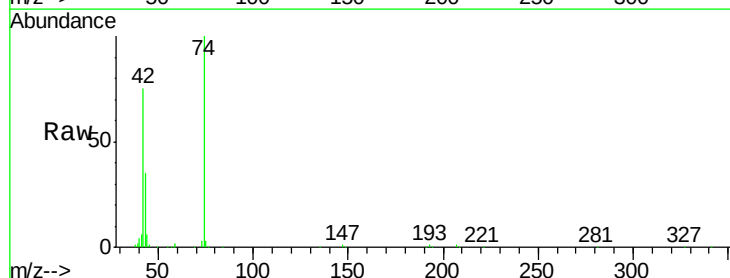
Tgt Ion: 42 Resp: 290565

Ion Ratio Lower Upper

42 100

74 133.9 117.0 175.4

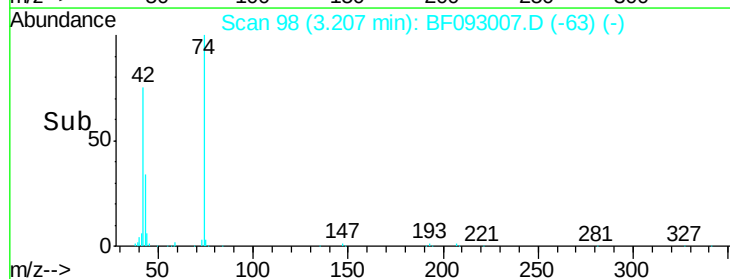
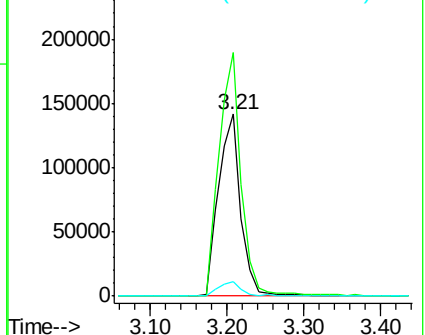
44 8.2 5.5 8.3

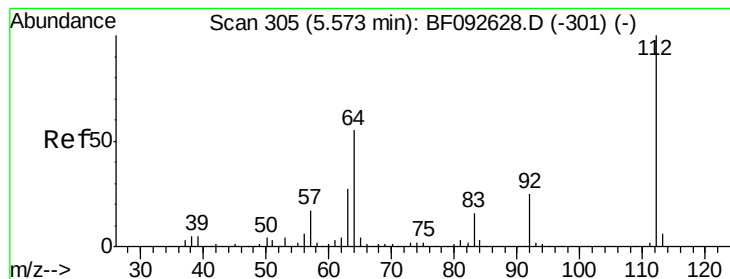


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

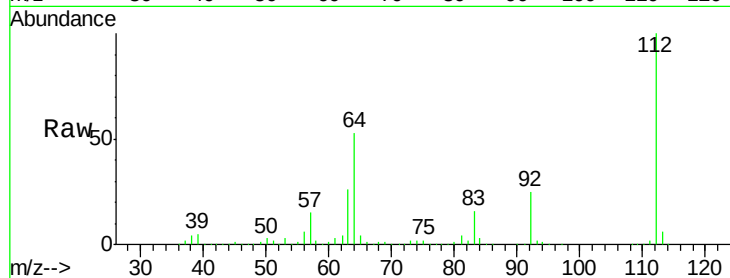




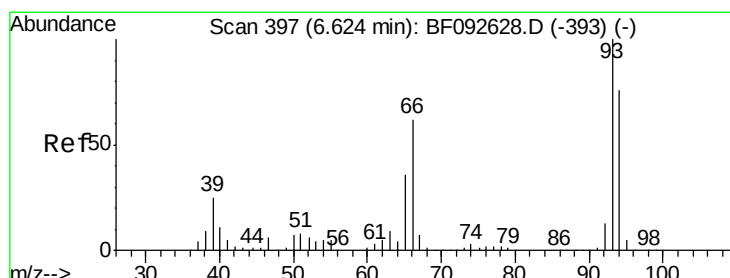
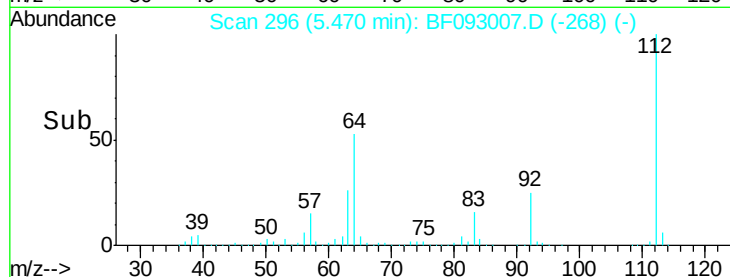
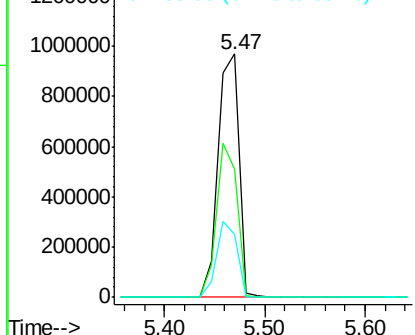
#5
 2-Fluorophenol
 Concen: 136.14 ng
 RT: 5.47 min Scan# 296
 Delta R.T. 0.02 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BS

Tgt Ion: 112 Resp: 1392674
 Ion Ratio Lower Upper
 112 100
 64 52.6 46.1 69.1
 63 25.8 23.8 35.6

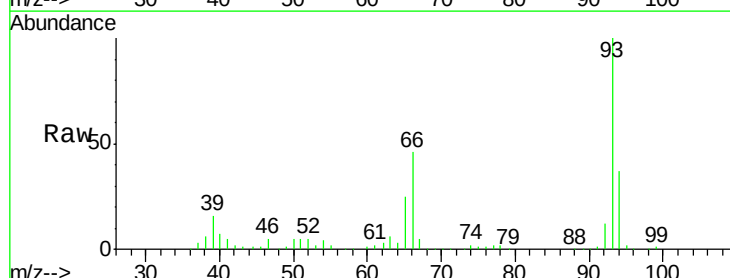


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

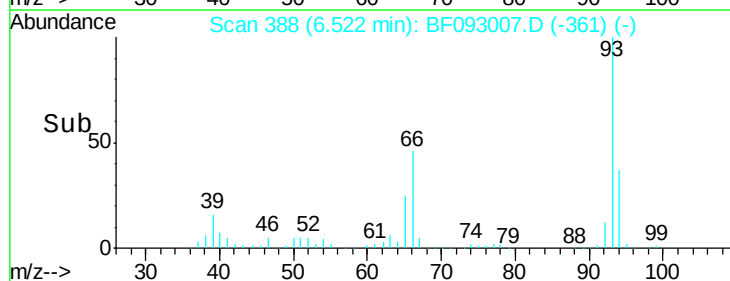
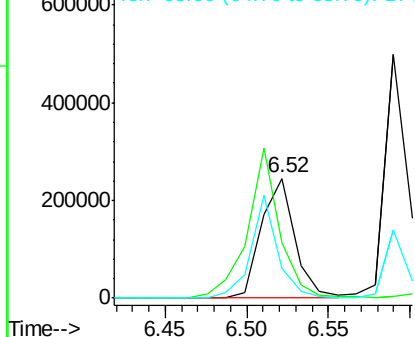


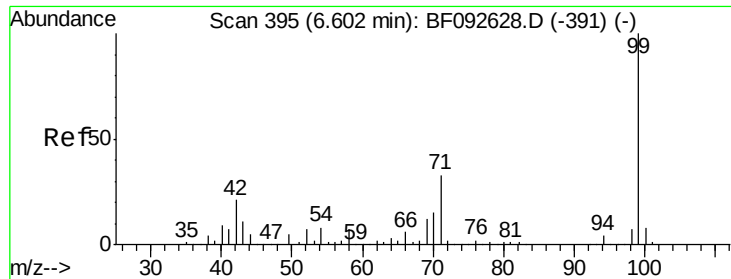
#6
 Aniline
 Concen: 19.72 ng
 RT: 6.52 min Scan# 388
 Delta R.T. 0.01 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Tgt Ion: 93 Resp: 354074
 Ion Ratio Lower Upper
 93 100
 66 46.3 76.2 114.2#
 65 24.8 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: 122.51 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

ClientSampleId :

PB97012BS

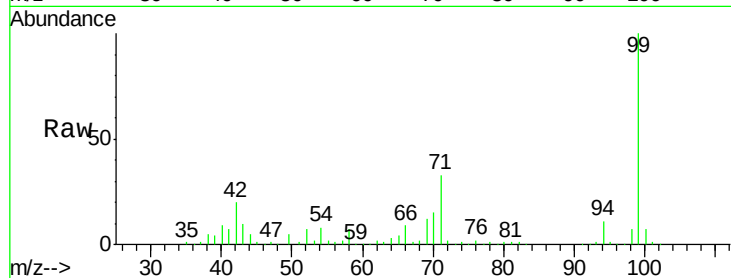
Tgt Ion: 99 Resp: 1612442

Ion Ratio Lower Upper

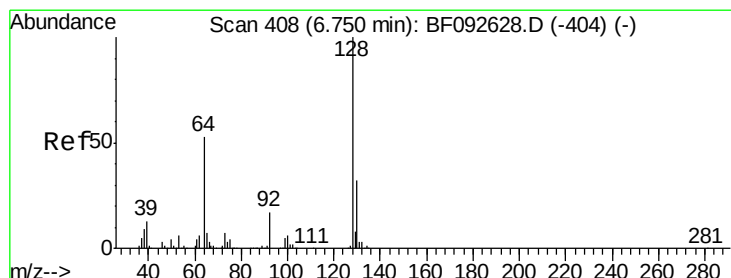
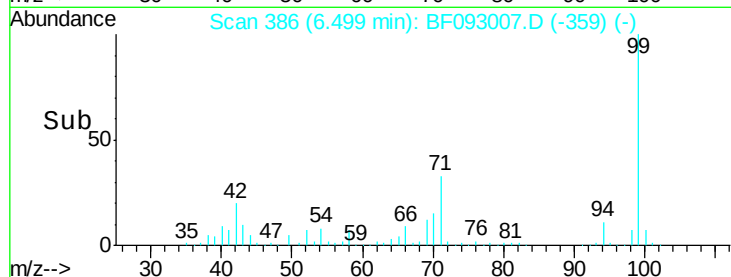
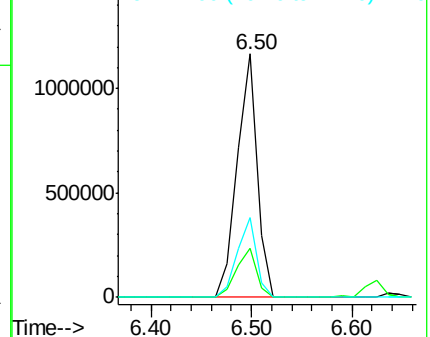
99 100

42 19.9 15.6 23.4

71 32.8 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: 42.69 ng

RT: 6.64 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

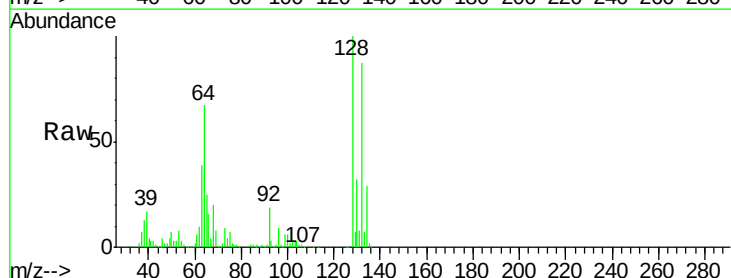
Tgt Ion: 128 Resp: 481724

Ion Ratio Lower Upper

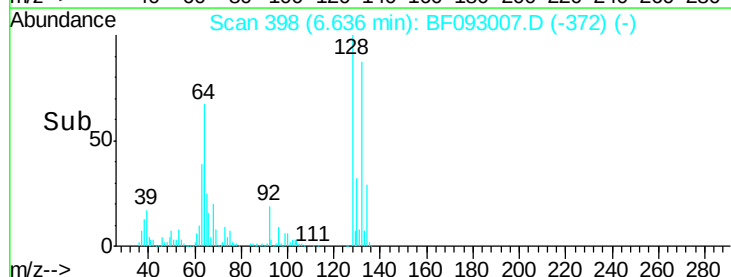
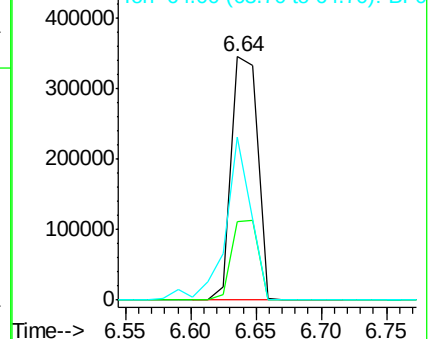
128 100

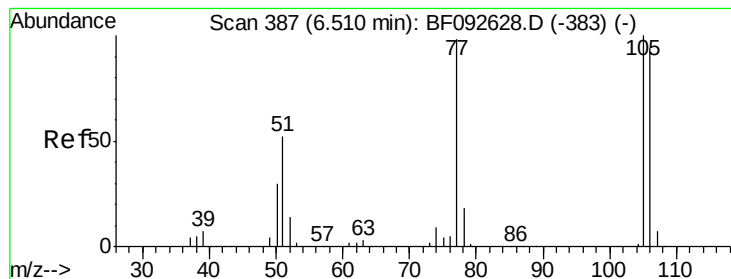
130 32.0 12.3 52.3

64 67.2 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: 11.53 ng

RT: 6.40 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

ClientSampleId :

PB97012BS

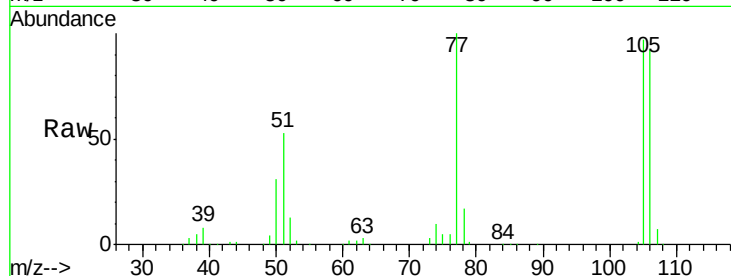
Tgt Ion: 77 Resp: 108676

Ion Ratio Lower Upper

77 100

105 96.5 83.9 123.9

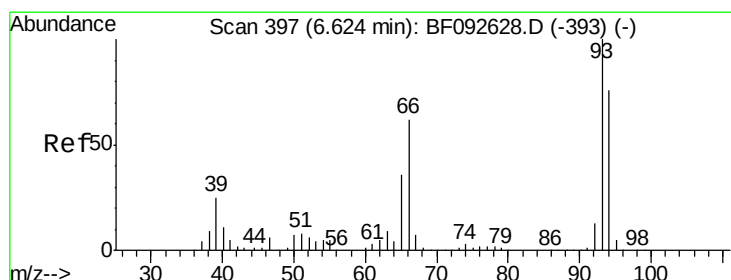
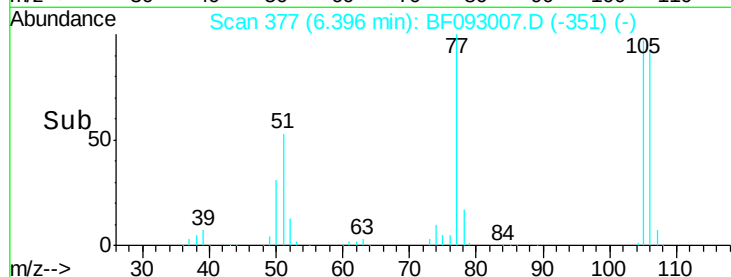
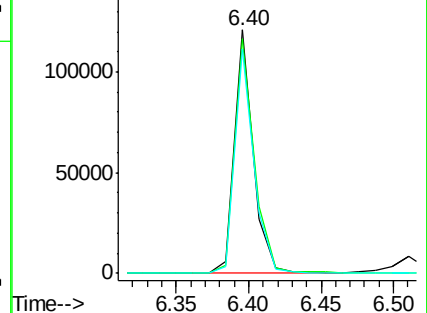
106 92.0 77.6 117.6



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: 37.67 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

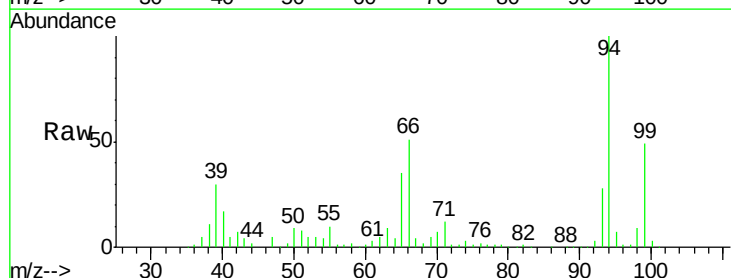
Tgt Ion: 94 Resp: 580038

Ion Ratio Lower Upper

94 100

65 34.8 21.4 61.4

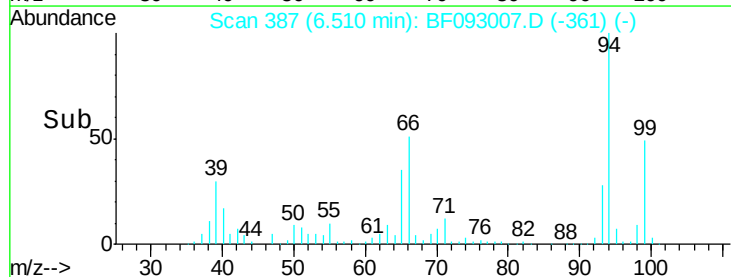
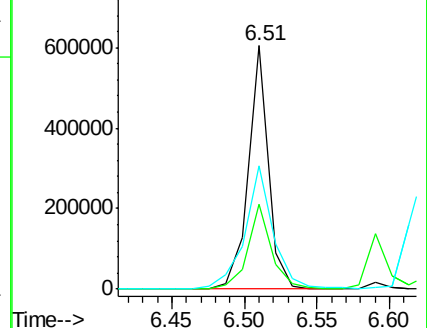
66 50.9 44.0 84.0

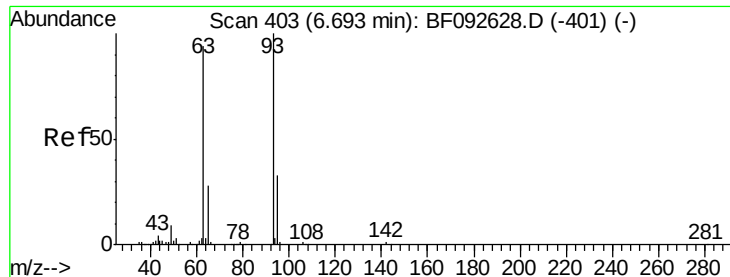


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 38.41 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

ClientSampleId :

PB97012BS

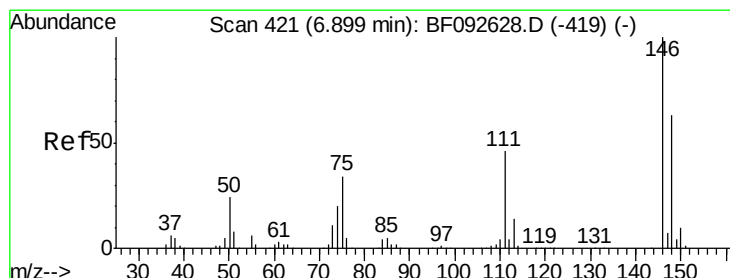
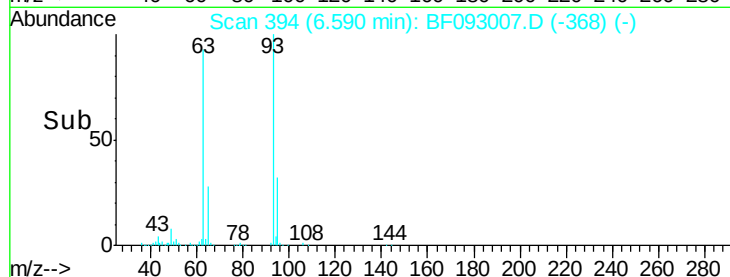
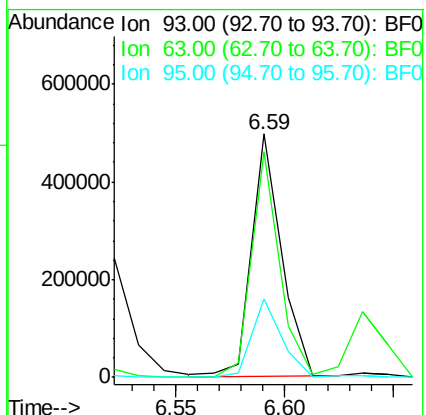
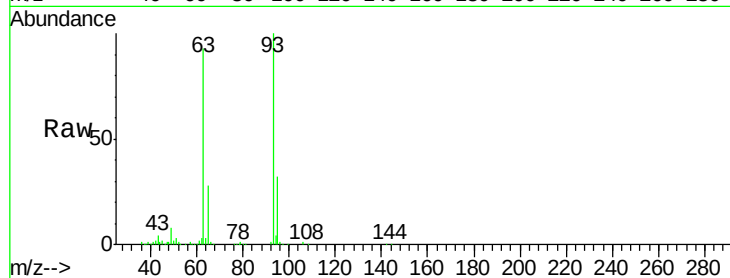
Tgt Ion: 93 Resp: 472135

Ion Ratio Lower Upper

93 100

63 92.7 60.4 100.4

95 32.5 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 43.15 ng

RT: 6.80 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

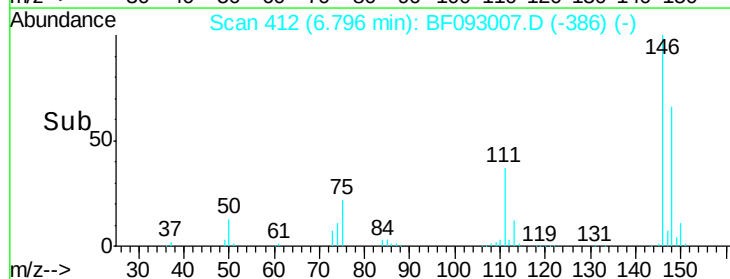
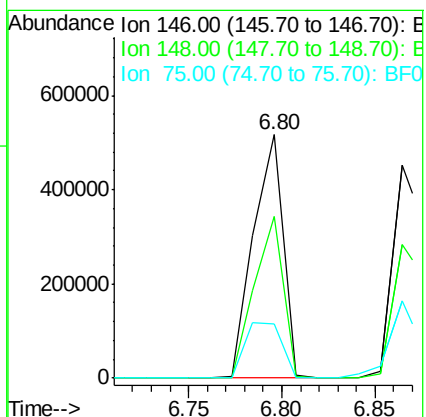
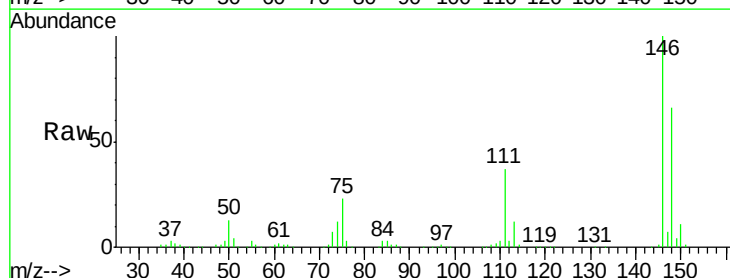
Tgt Ion: 146 Resp: 570347

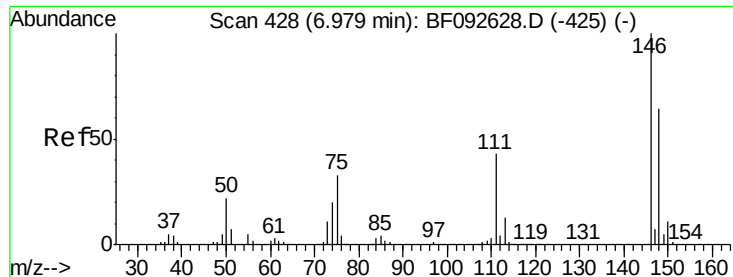
Ion Ratio Lower Upper

146 100

148 66.4 53.4 80.0

75 22.5 18.5 27.7

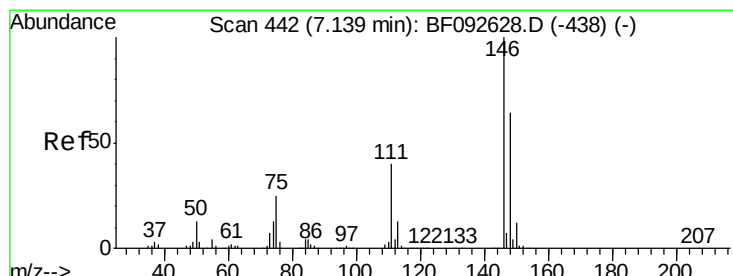
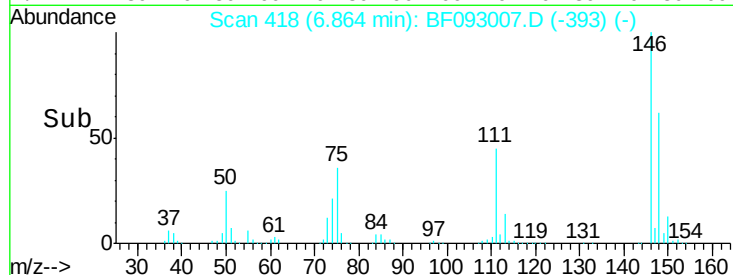
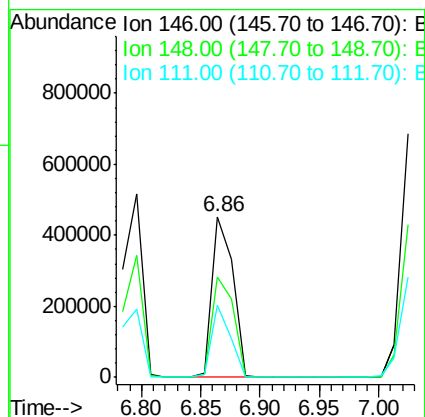
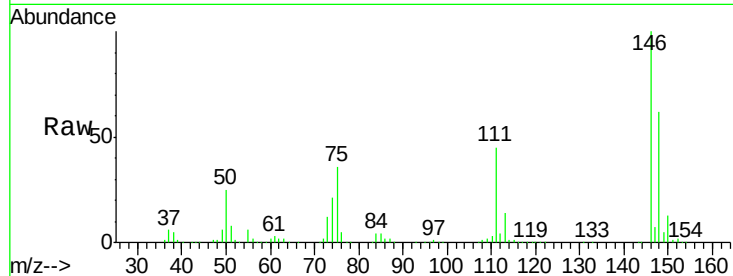




#13
 1,4-Dichlorobenzene
 Concen: 41.26 ng
 RT: 6.86 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

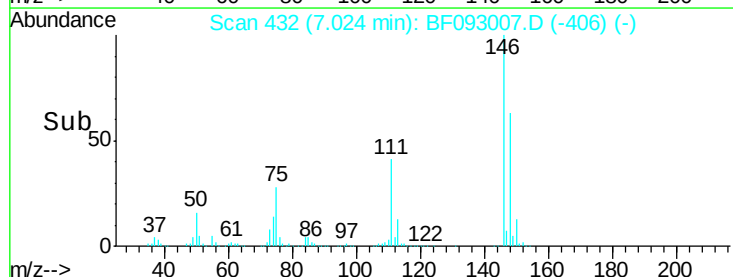
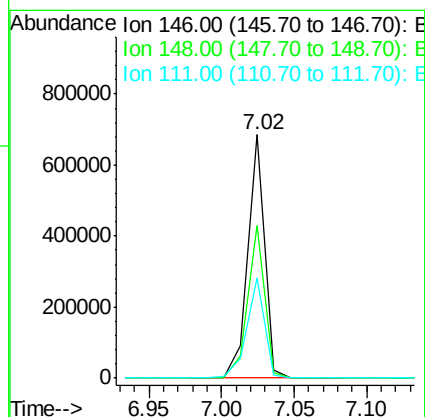
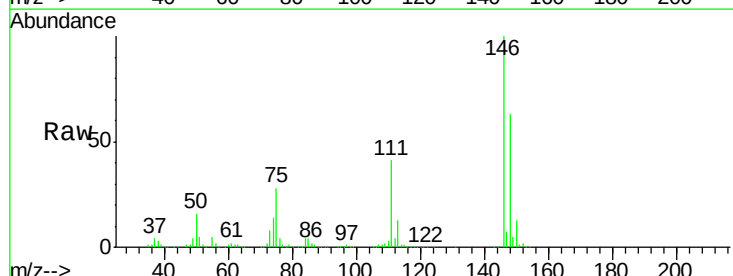
Instrument :
 BNA_F
 ClientSampleId :
 PB97012BS

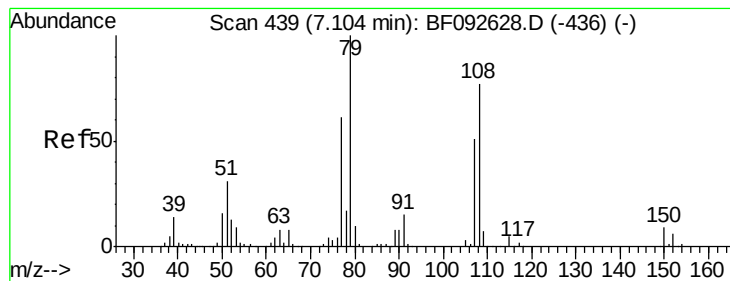
Tgt Ion:146 Resp: 552037
 Ion Ratio Lower Upper
 146 100
 148 62.5 50.6 76.0
 111 44.6 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 43.11 ng
 RT: 7.02 min Scan# 432
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Tgt Ion:146 Resp: 551448
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.2 78.2
 111 41.0 36.2 54.2





#15

Benzyl Alcohol

Concen: 43.00 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

ClientSampled :

PB97012BS

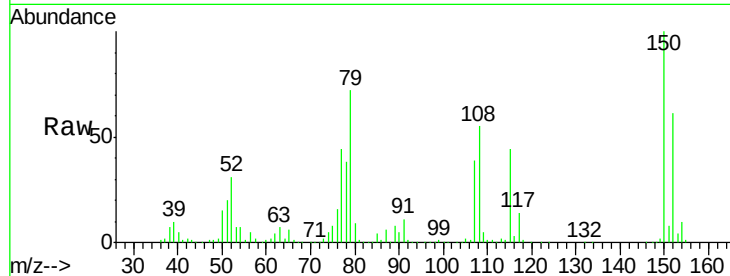
Tgt Ion: 79 Resp: 418984

Ion Ratio Lower Upper

79 100

108 76.2 61.4 92.0

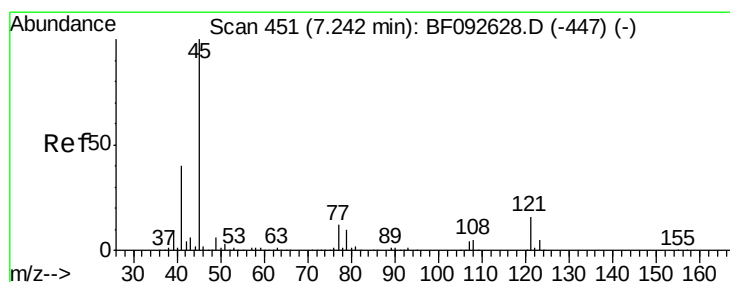
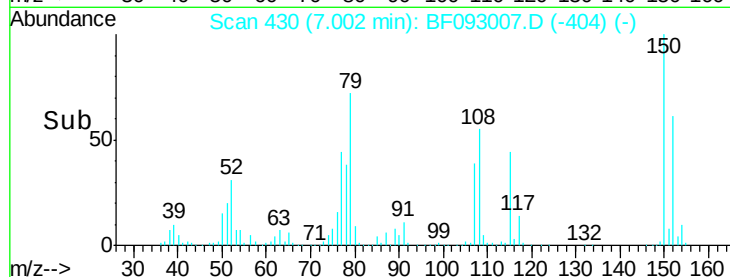
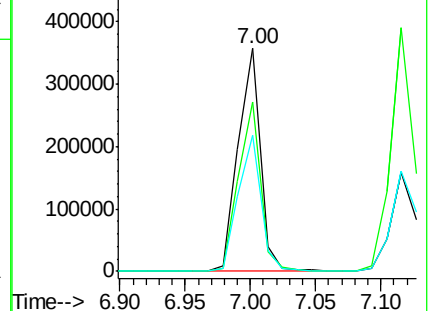
77 60.8 50.9 76.3



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: 42.65 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

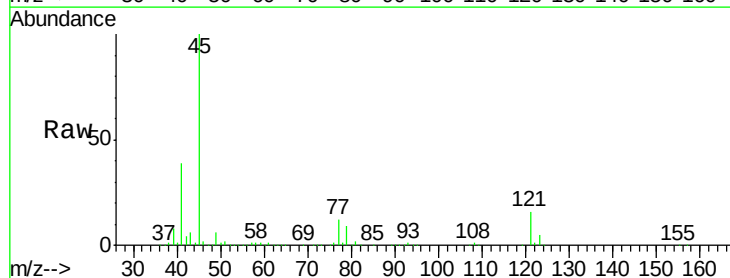
Tgt Ion: 45 Resp: 910676

Ion Ratio Lower Upper

45 100

77 12.0 0.0 34.6

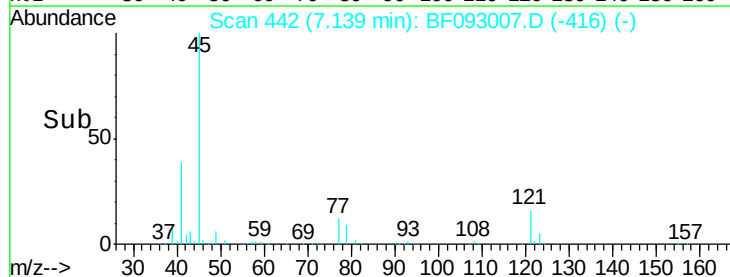
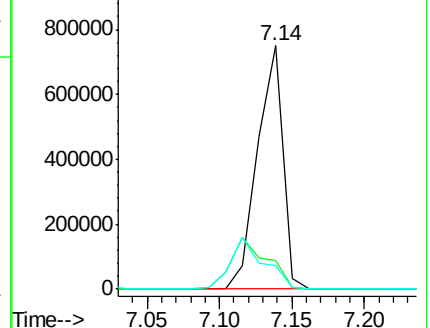
79 9.4 0.0 31.2

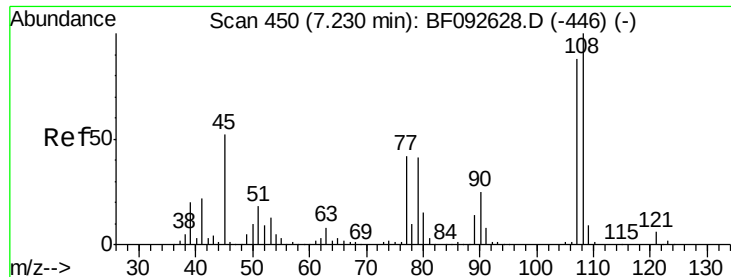


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

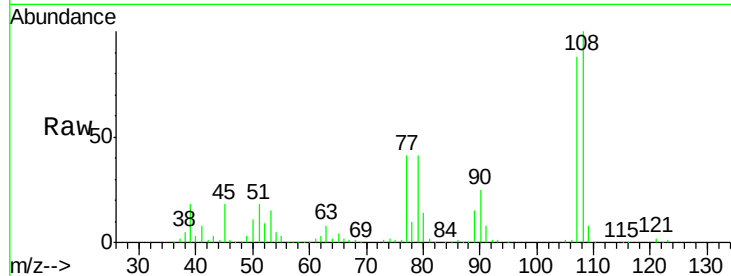




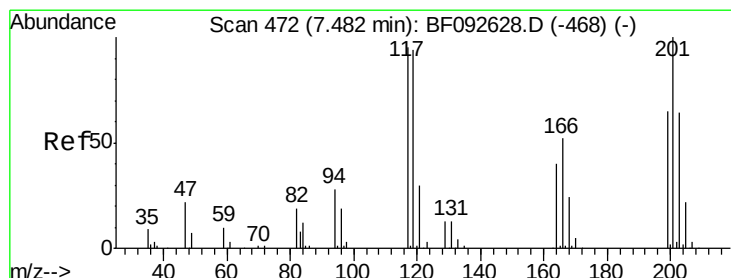
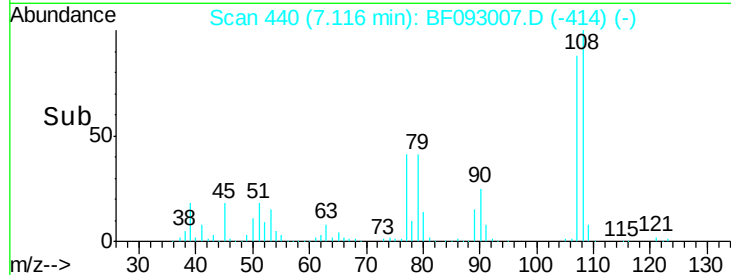
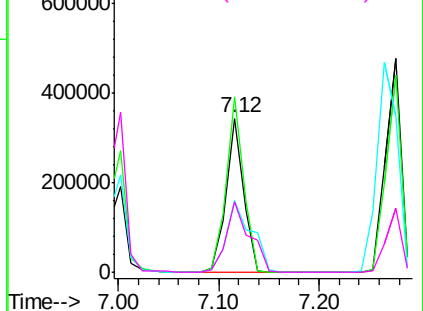
#17
2-Methylphenol
Concen: 43.28 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Instrument :
BNA_F
ClientSampleId :
PB97012BS

Tgt Ion:107 Resp: 419002
Ion Ratio Lower Upper
107 100
108 113.5 93.0 139.6
77 46.5 39.8 59.8
79 46.1 38.0 57.0

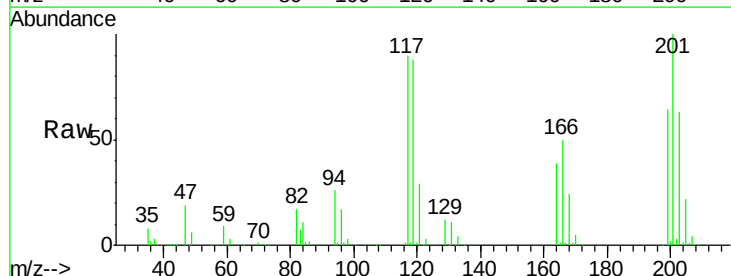


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

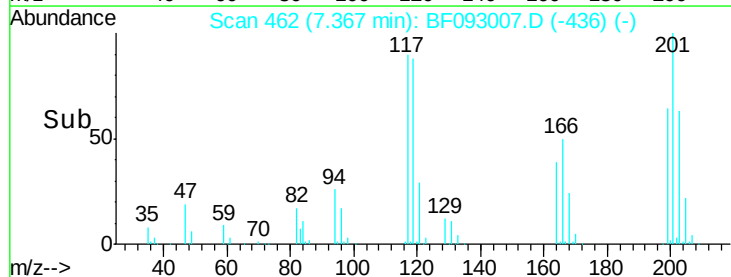
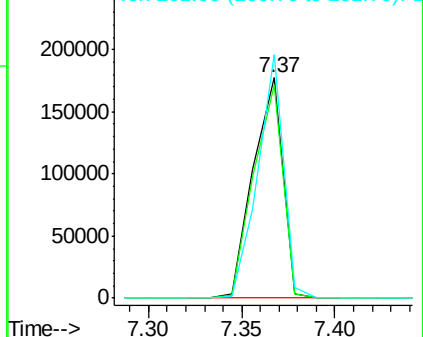


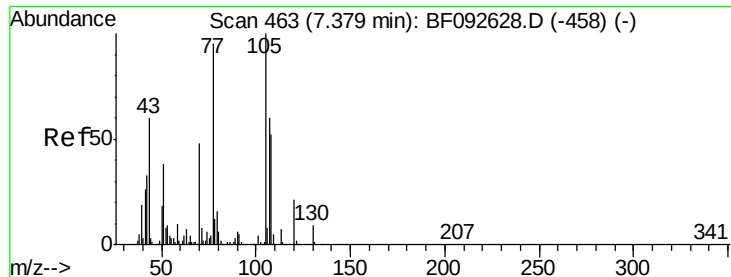
#18
Hexachloroethane
Concen: 43.08 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion:117 Resp: 196742
Ion Ratio Lower Upper
117 100
119 97.0 78.1 117.1
201 110.7 78.6 117.8



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

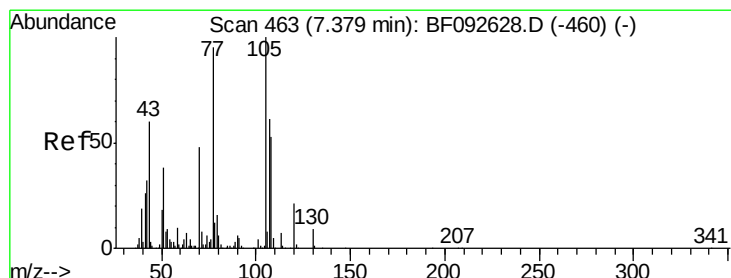
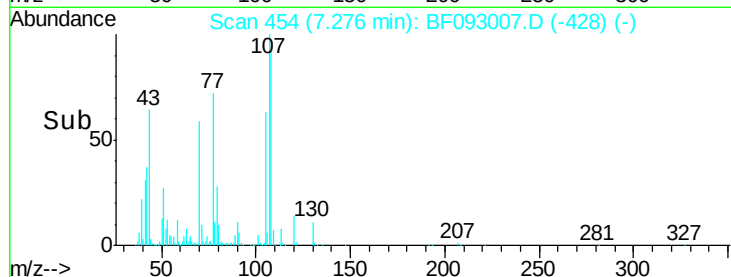
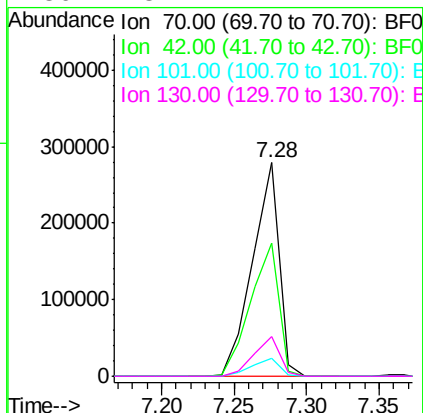
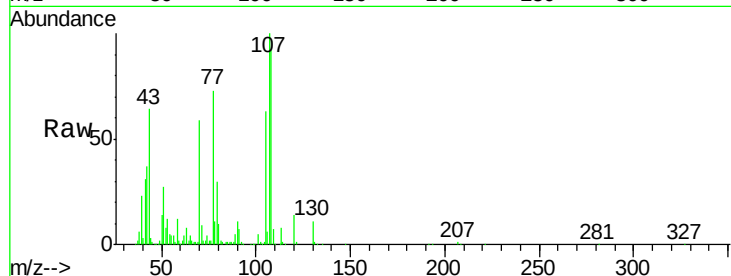




#19
n-Nitroso-di-n-propylamine
Concen: 42.46 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

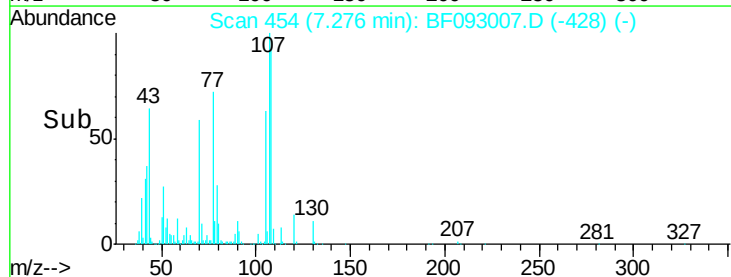
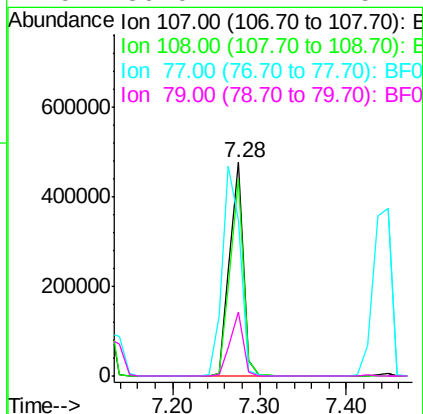
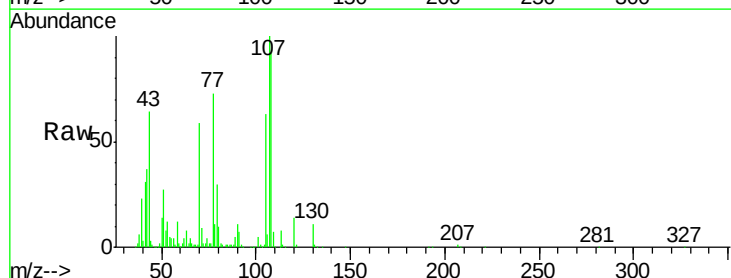
Instrument :
BNA_F
ClientSampleId :
PB97012BS

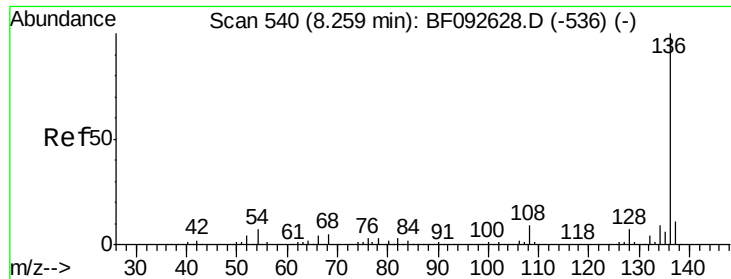
Tgt Ion:	70	Resp:	355751
Ion	Ratio	Lower	Upper
70	100		
42	62.4	49.4	74.0
101	8.5	7.4	11.2
130	18.7	14.2	21.4



#20
3+4-Methylphenols
Concen: 45.11 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion:	107	Resp:	522179
Ion	Ratio	Lower	Upper
107	100		
108	92.1	73.0	113.0
77	72.9	71.3	111.3
79	30.0	11.1	51.1

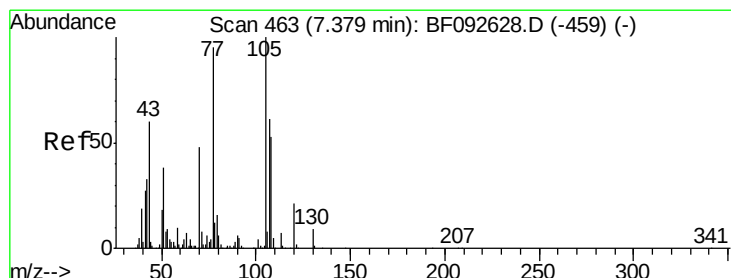
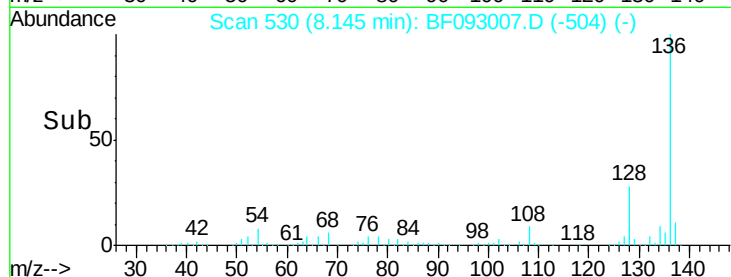
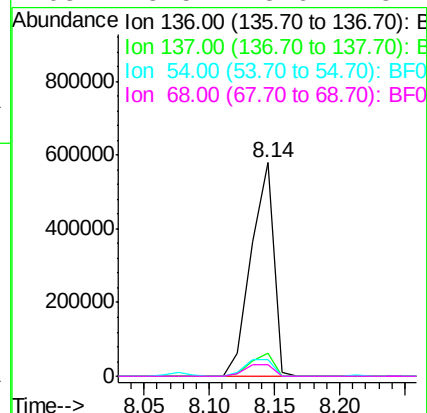
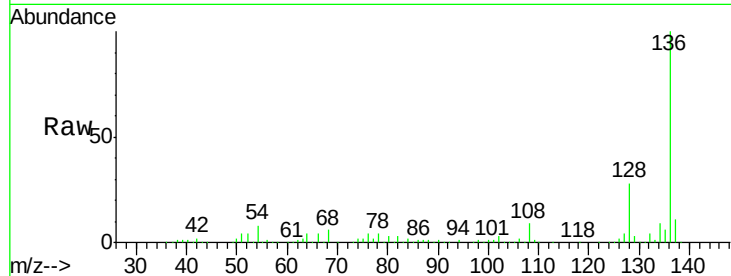




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

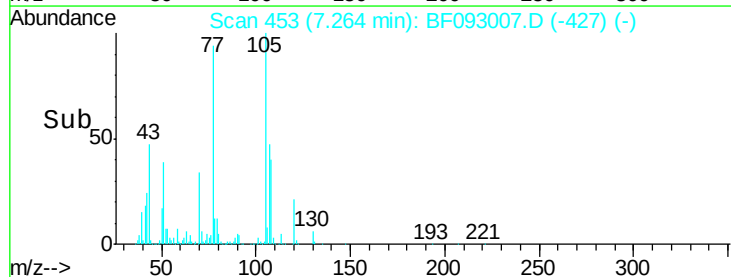
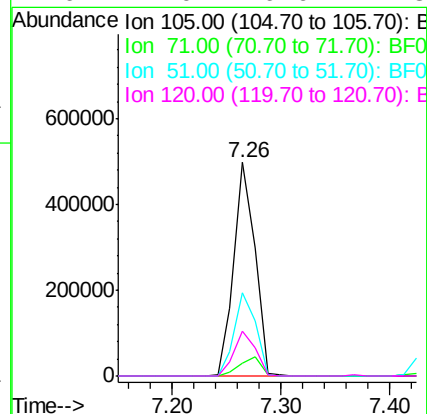
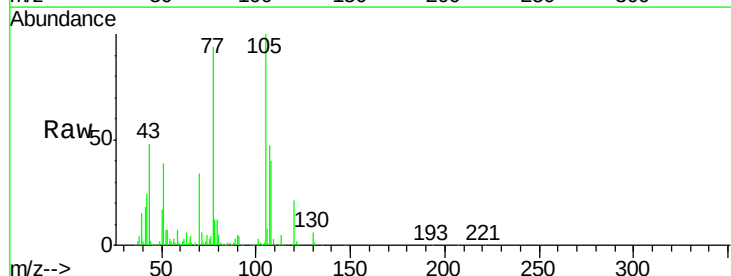
Instrument :
BNA_F
ClientSampleId :
PB97012BS

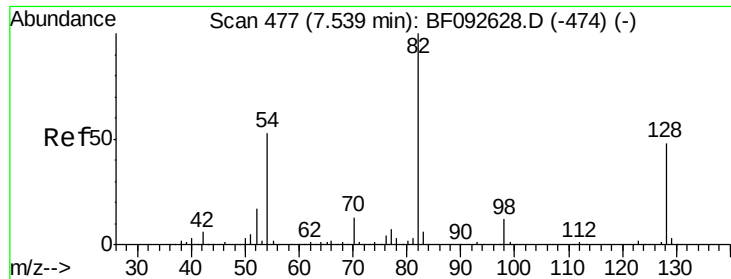
Tgt Ion:	136	Resp:	701695
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.7	4.5	6.7#
68	5.5	3.6	5.4#



#22
Acetophenone
Concen: 41.39 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion:	105	Resp:	663094
Ion	Ratio	Lower	Upper
105	100		
71	5.8	3.2	4.8#
51	38.8	26.2	39.4
120	21.0	16.6	24.8

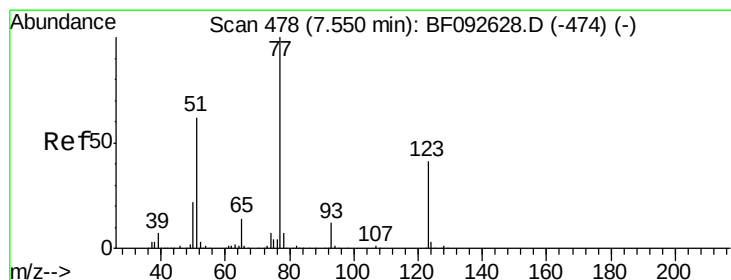
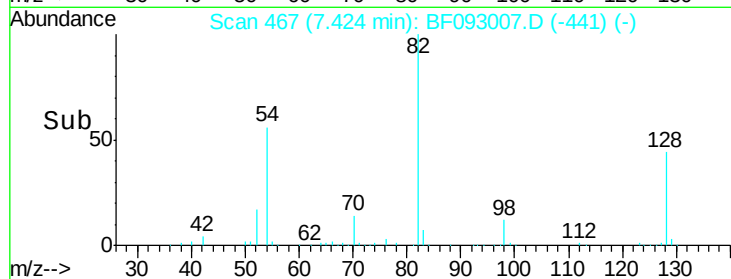
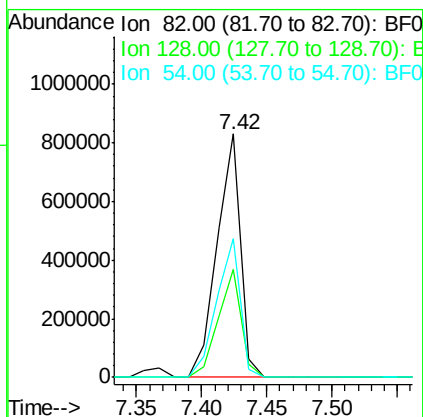
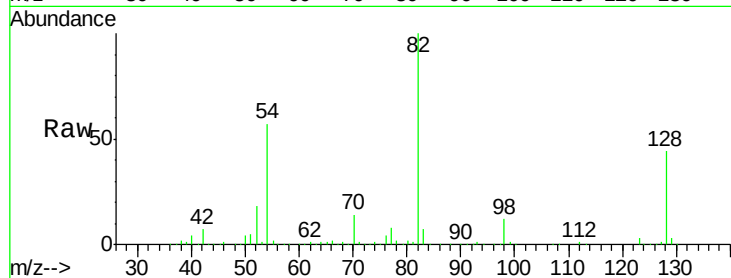




#23
 Nitrobenzene-d5
 Concen: 82.77 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

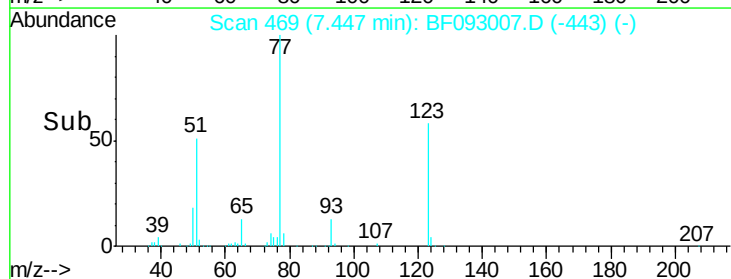
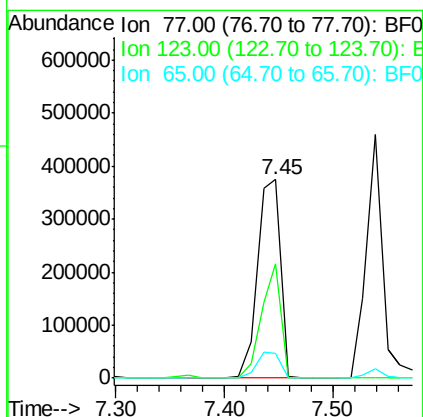
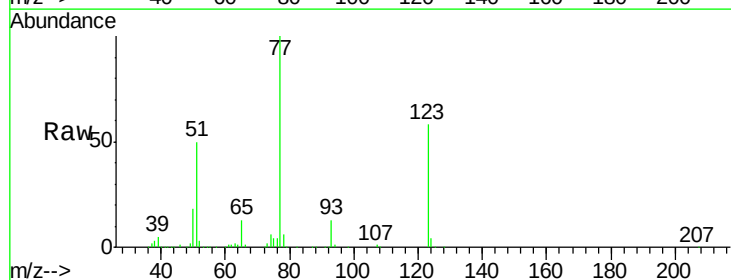
Instrument :
 BNA_F
 ClientSampleId :
 PB97012BS

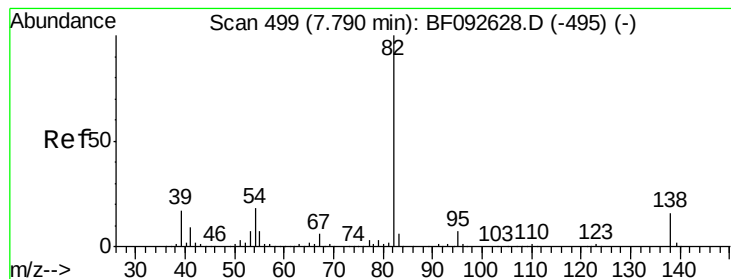
Tgt Ion: 82 Resp: 1042915
 Ion Ratio Lower Upper
 82 100
 128 44.5 34.6 52.0
 54 57.1 39.5 59.3



#24
 Nitrobenzene
 Concen: 42.78 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Tgt Ion: 77 Resp: 553454
 Ion Ratio Lower Upper
 77 100
 123 57.6 33.0 49.4#
 65 12.5 11.2 16.8





#25

Isophorone

Concen: 43.96 ng

RT: 7.69 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

ClientSampleId :

PB97012BS

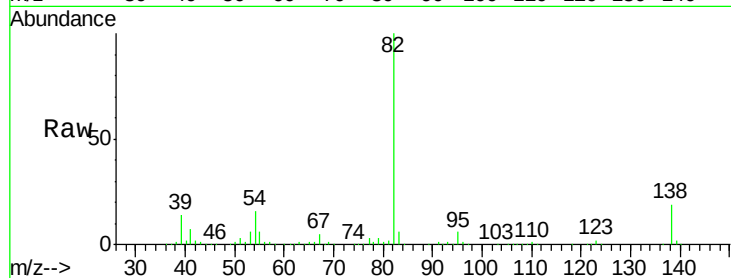
Tgt Ion: 82 Resp: 1032258

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

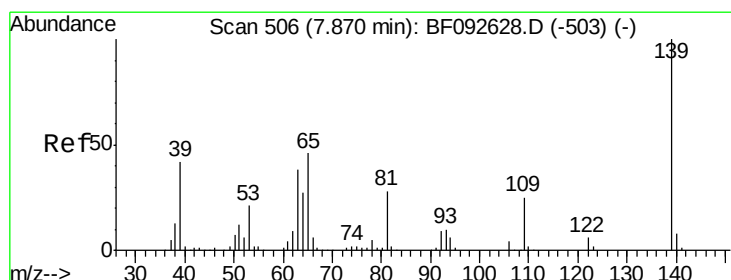
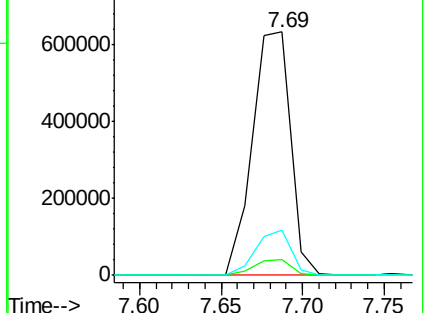
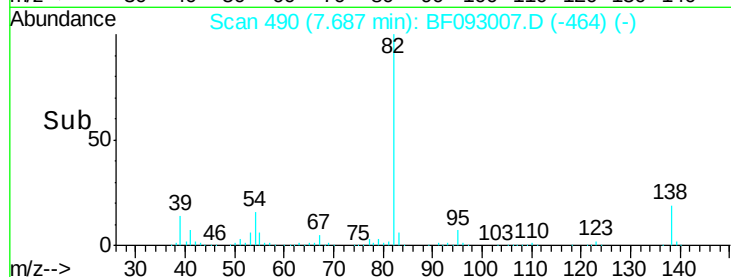
138 18.8 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 44.72 ng

RT: 7.76 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

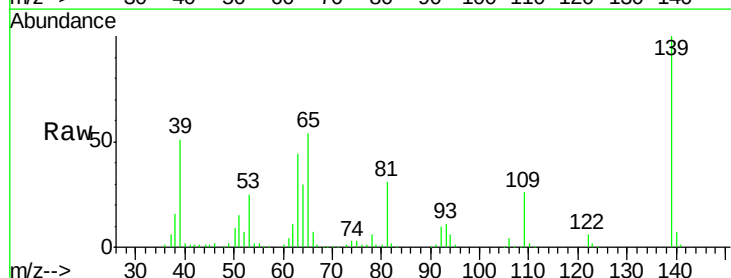
Tgt Ion: 139 Resp: 275069

Ion Ratio Lower Upper

139 100

109 25.8 23.3 34.9

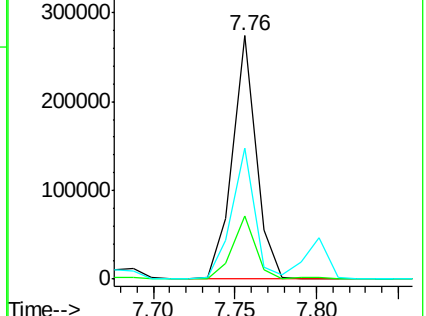
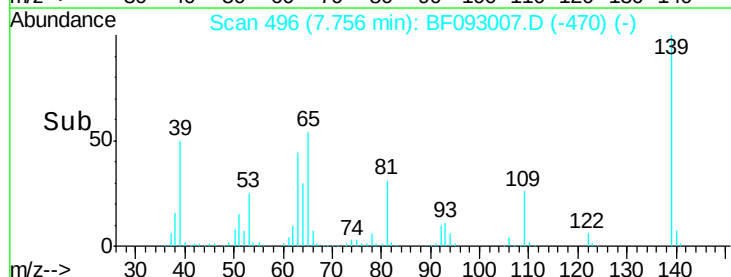
65 53.7 42.7 64.1

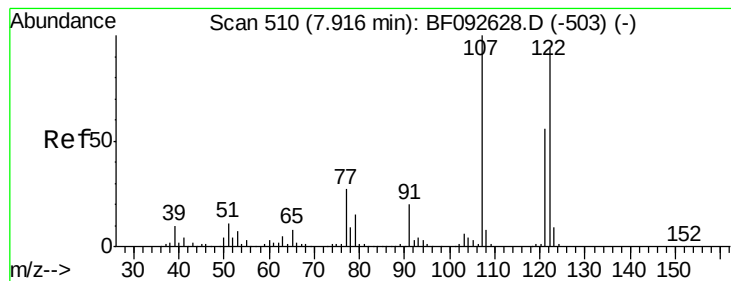


Abundance Ion 139.00 (138.70 to 139.70): BF0

Ion 109.00 (108.70 to 109.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#27

2,4-Dimethylphenol

Concen: 46.14 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

ClientSampleId :

PB97012BS

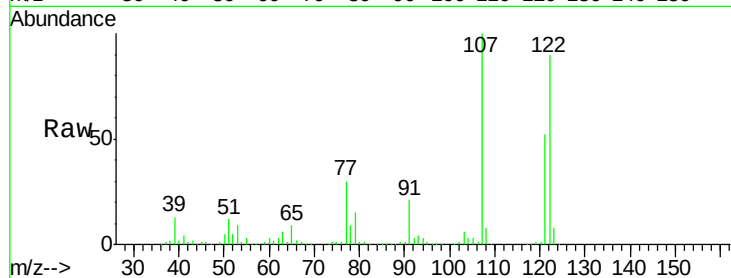
Tgt Ion:122 Resp: 498416

Ion Ratio Lower Upper

122 100

107 111.6 94.1 141.1

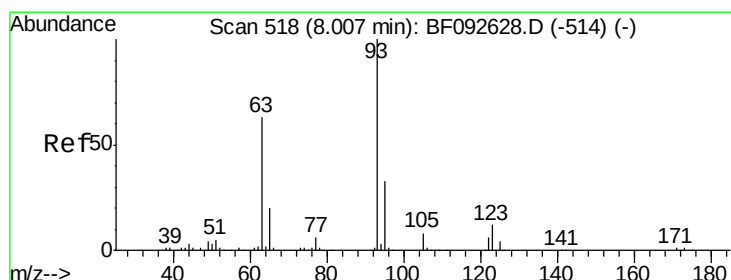
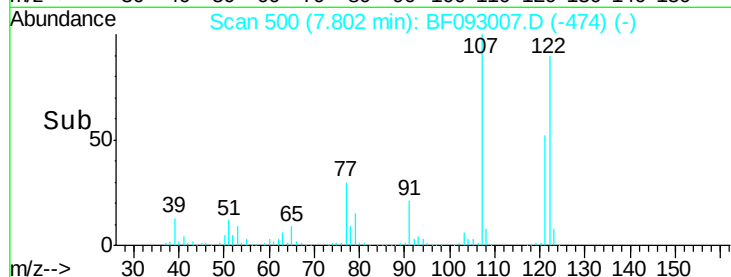
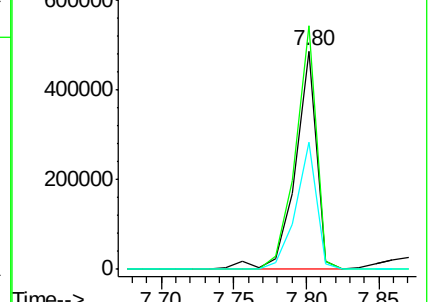
121 58.5 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.72 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

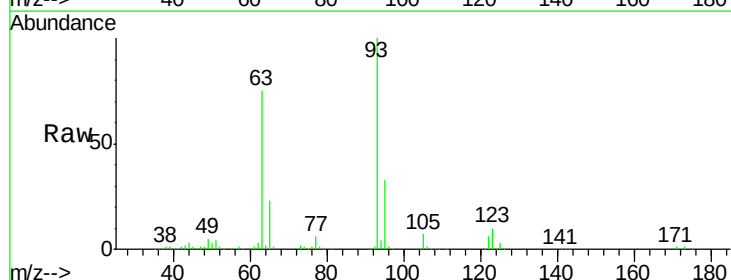
Tgt Ion: 93 Resp: 648739

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

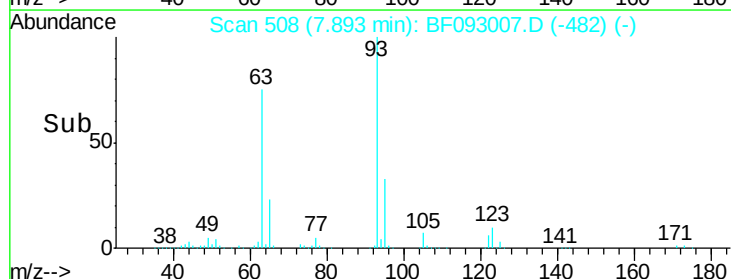
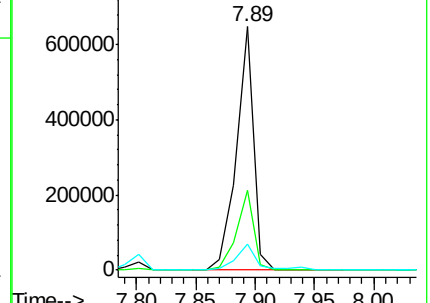
123 10.5 8.6 13.0

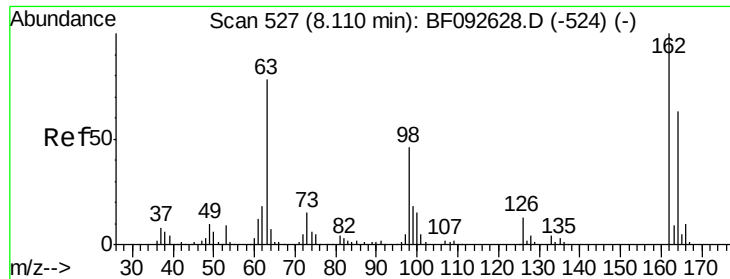


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

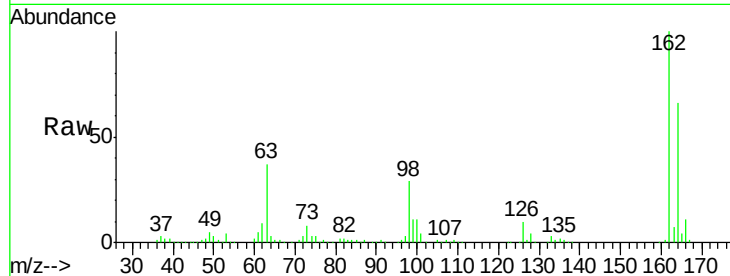




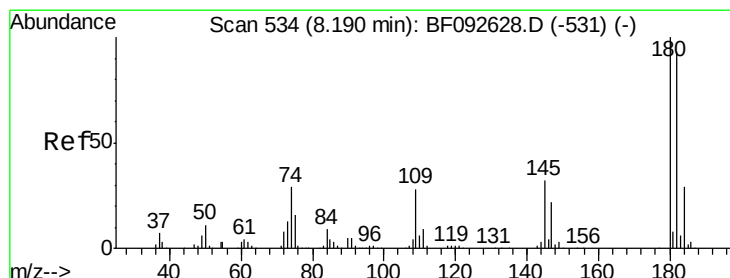
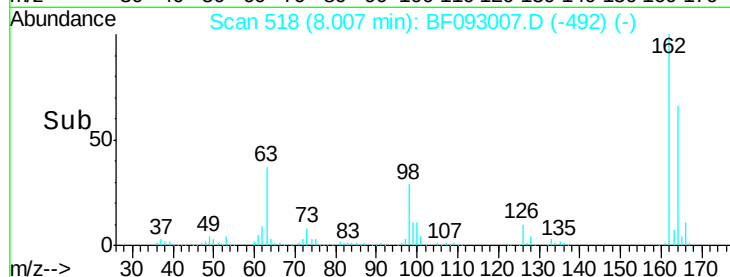
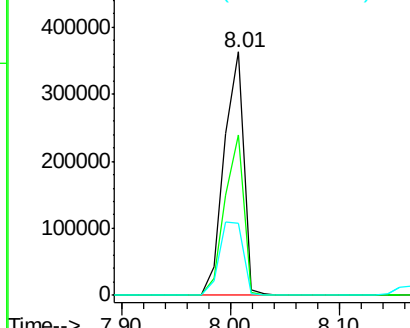
#29
2,4-Dichlorophenol
Concen: 44.86 ng
RT: 8.01 min Scan# 518
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Instrument :
BNA_F
ClientSampleId :
PB97012BS

Tgt Ion:162 Resp: 451913
Ion Ratio Lower Upper
162 100
164 65.9 46.8 86.8
98 29.5 9.1 49.1

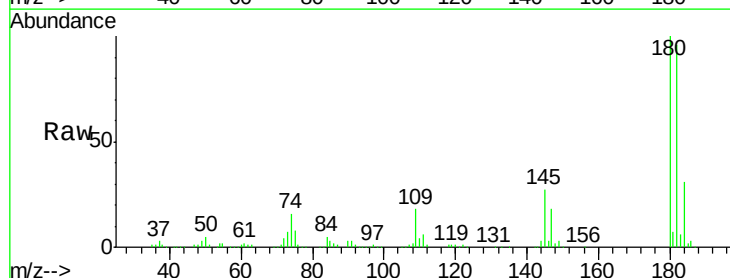


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

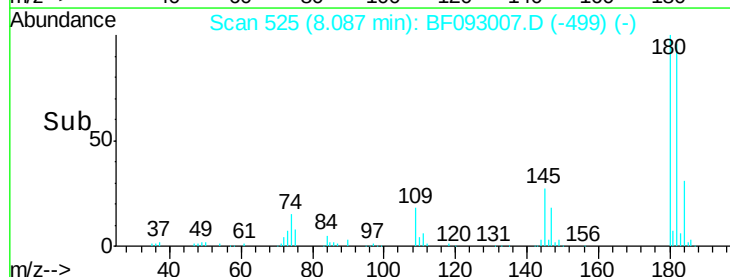
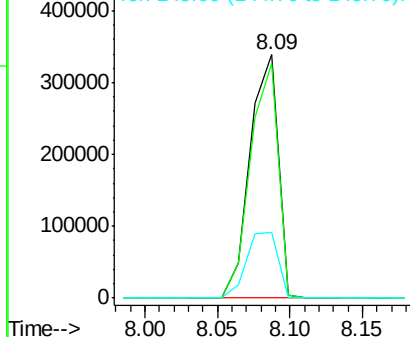


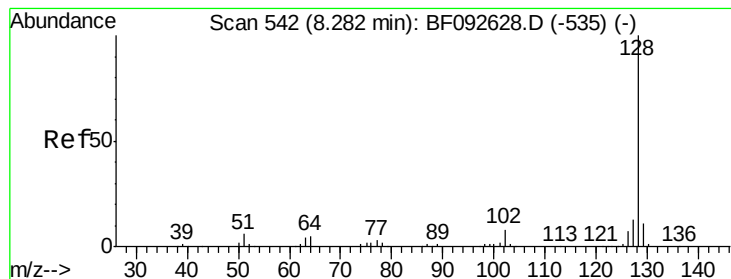
#30
1,2,4-Trichlorobenzene
Concen: 42.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion:180 Resp: 455930
Ion Ratio Lower Upper
180 100
182 96.2 78.2 117.4
145 27.0 21.6 32.4



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





#31

Naphthalene

Concen: 40.69 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

ClientSampleId :

PB97012BS

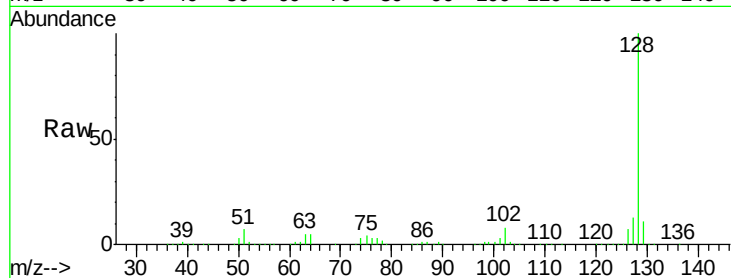
Tgt Ion:128 Resp: 1447341

Ion Ratio Lower Upper

128 100

129 10.8 9.5 14.3

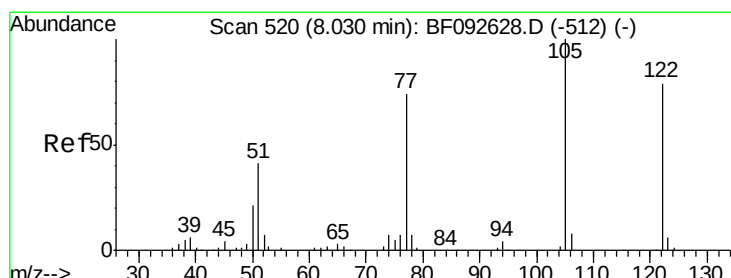
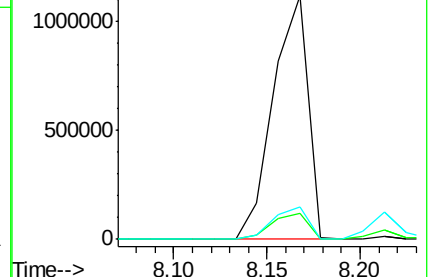
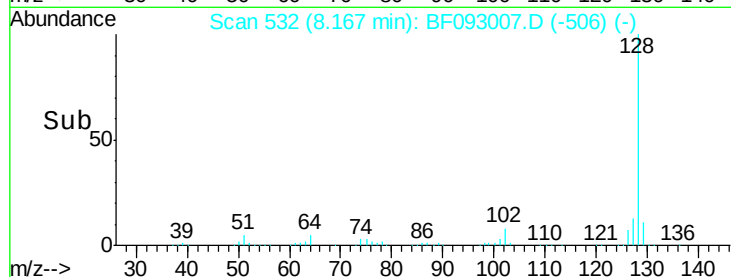
127 13.3 10.8 16.2



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: 49.71 ng

RT: 7.94 min Scan# 512

Delta R.T. 0.01 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

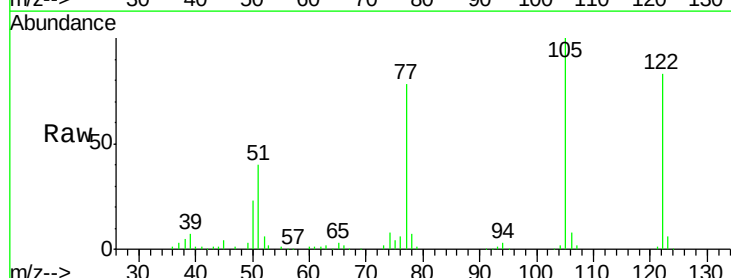
Tgt Ion:122 Resp: 306057

Ion Ratio Lower Upper

122 100

105 120.1 107.2 147.2

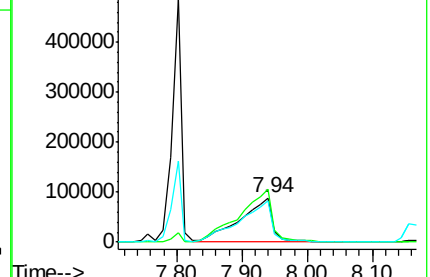
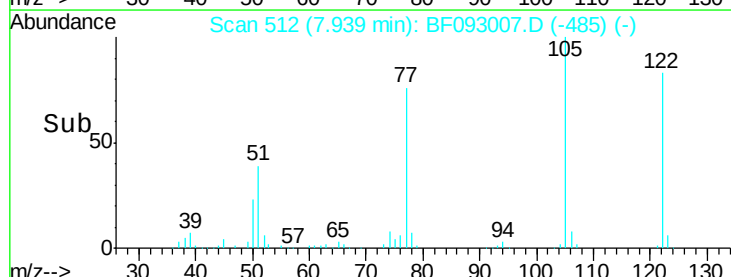
77 93.8 74.5 114.5

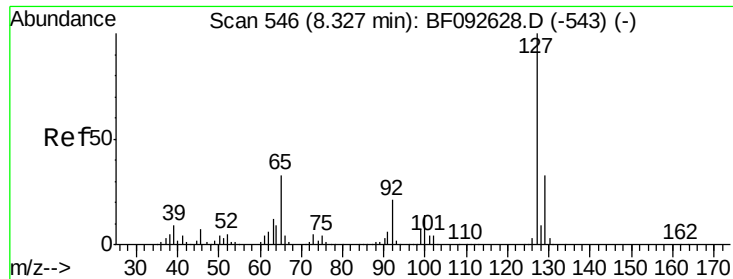


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

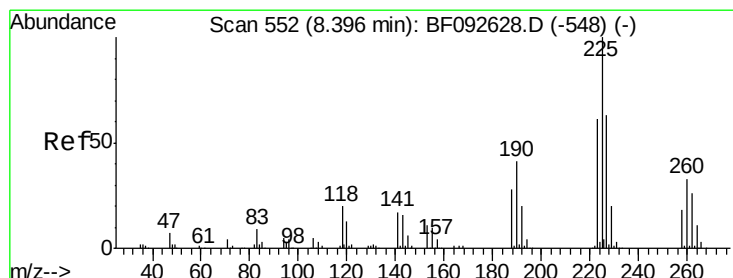
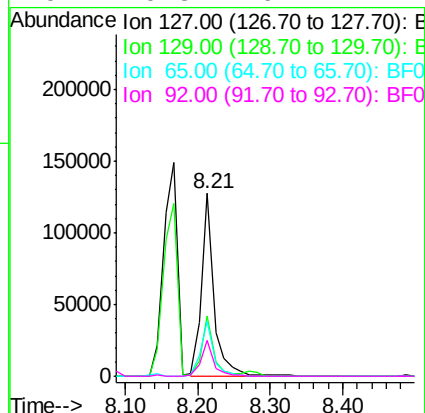
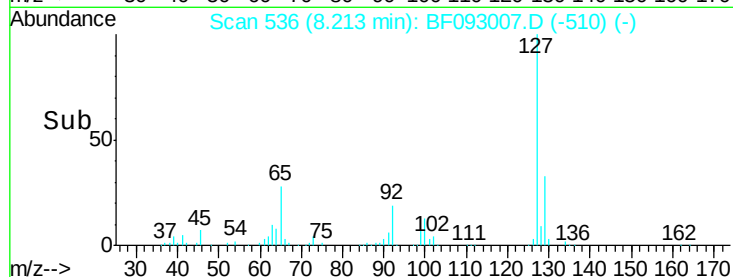
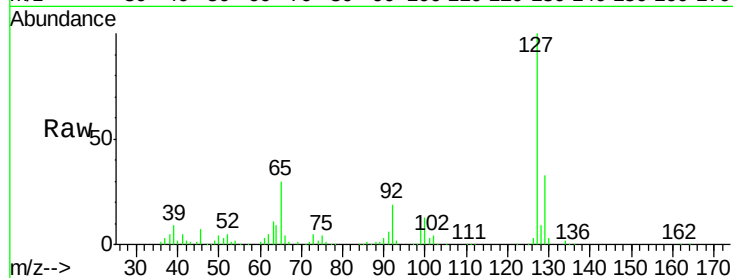




#33
4-Chloroaniline
Concen: 10.98 ng
RT: 8.21 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

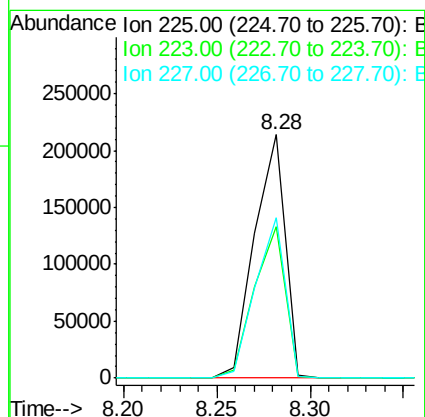
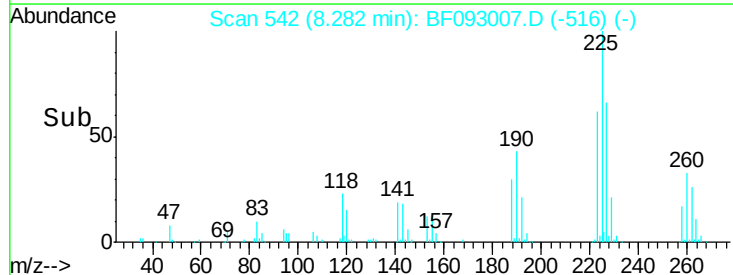
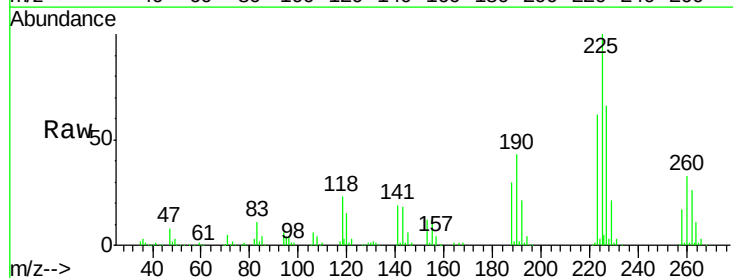
Instrument :
BNA_F
ClientSampleId :
PB97012BS

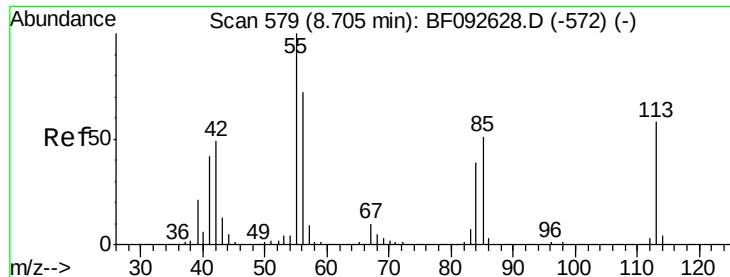
Tgt Ion:	127	Resp:	153139
Ion	Ratio	Lower	Upper
127	100		
129	33.1	26.3	39.5
65	30.4	25.8	38.8
92	19.3	16.1	24.1



#34
Hexachlorobutadiene
Concen: 40.61 ng
RT: 8.28 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion:	225	Resp:	242549
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.0	76.6
227	65.7	50.6	76.0

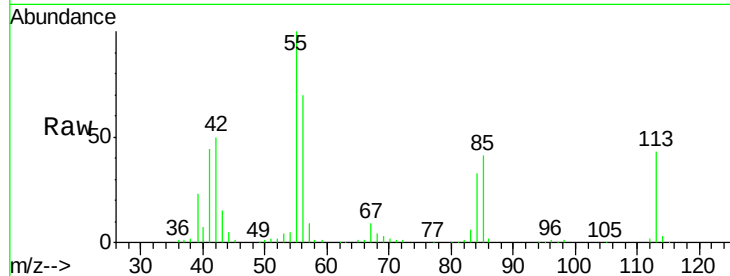




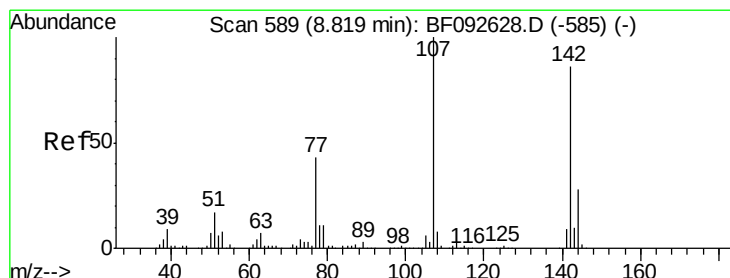
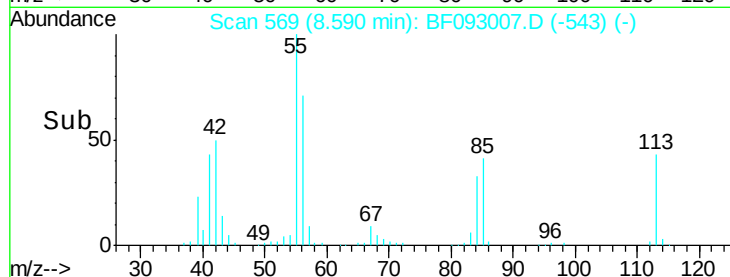
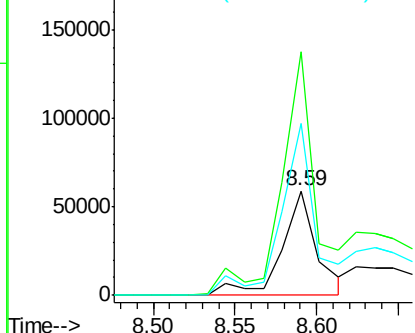
#35
 Caprolactam
 Concen: 27.73 ng
 RT: 8.59 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BS

Tgt Ion:113 Resp: 87878
 Ion Ratio Lower Upper
 113 100
 55 232.7 119.2 159.2#
 56 163.9 83.8 123.8#

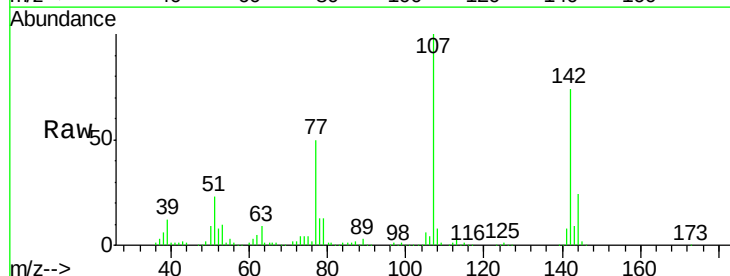


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF0
 Ion 56.00 (55.70 to 56.70): BF0

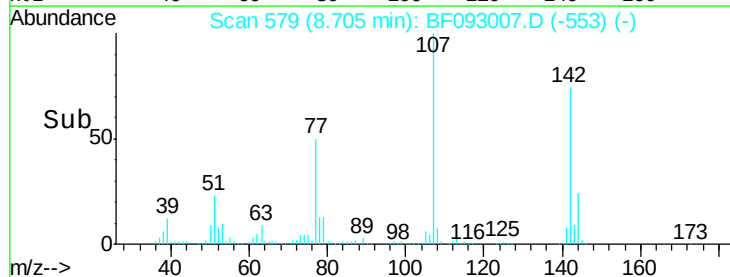
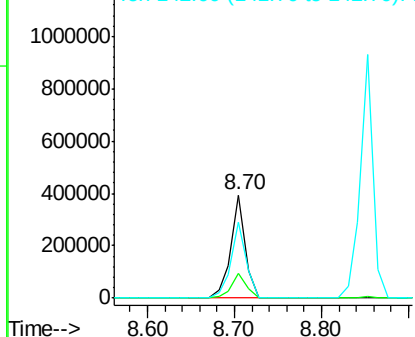


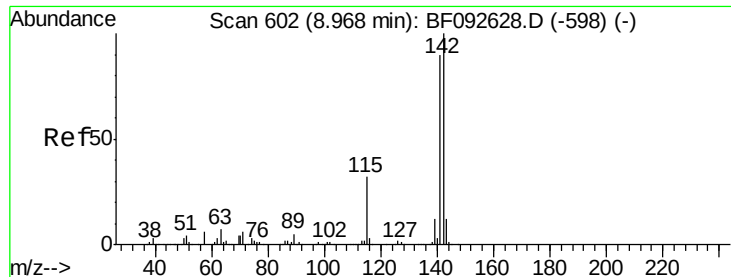
#36
 4-Chloro-3-methylphenol
 Concen: 43.22 ng
 RT: 8.70 min Scan# 579
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Tgt Ion:107 Resp: 453906
 Ion Ratio Lower Upper
 107 100
 144 24.2 19.3 28.9
 142 73.7 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

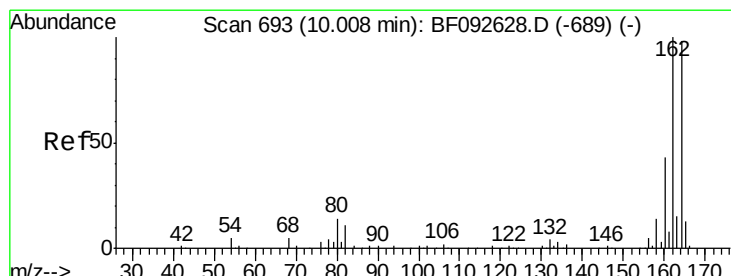
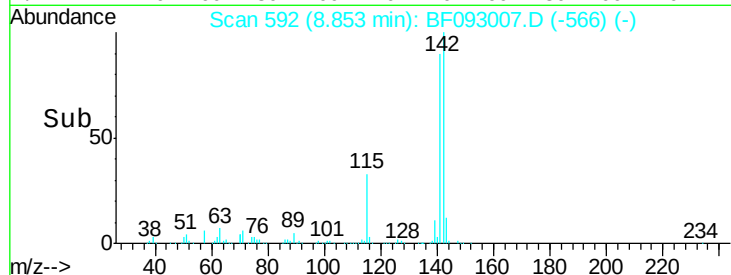
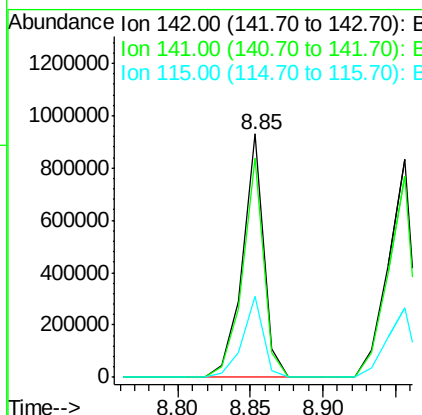
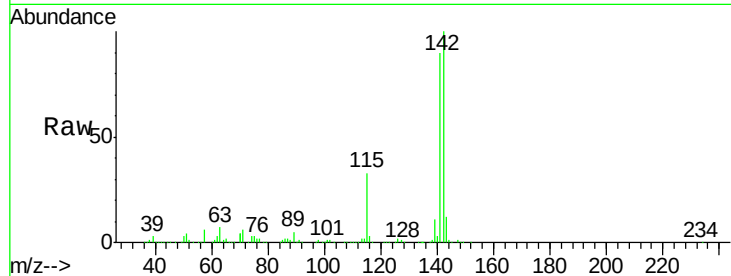




#37
 2-Methylnaphthalene
 Concen: 41.48 ng
 RT: 8.85 min Scan# 592
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

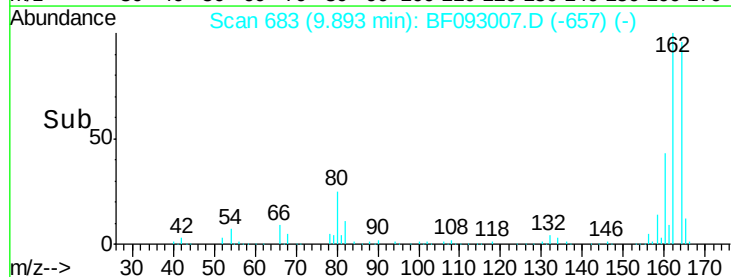
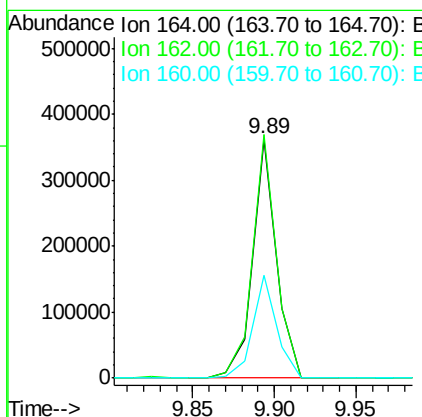
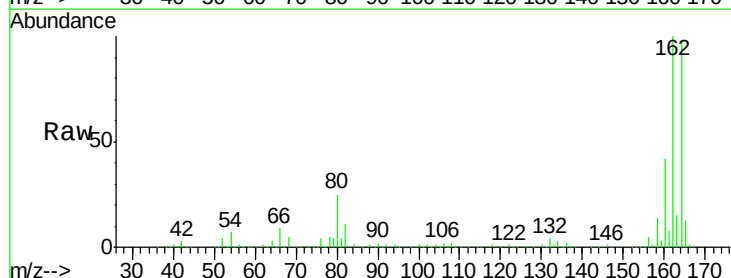
Instrument :
 BNA_F
 ClientSampleId :
 PB97012BS

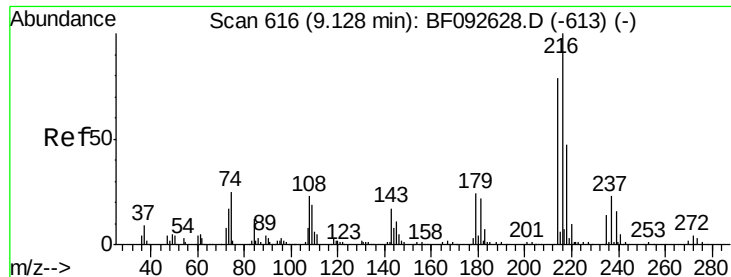
Tgt Ion:142 Resp: 947394
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.0 106.6
 115 33.3 28.3 42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Tgt Ion:164 Resp: 368049
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.2 120.2
 160 43.3 36.9 55.3

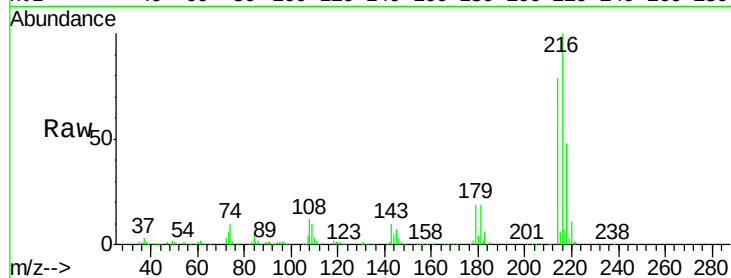




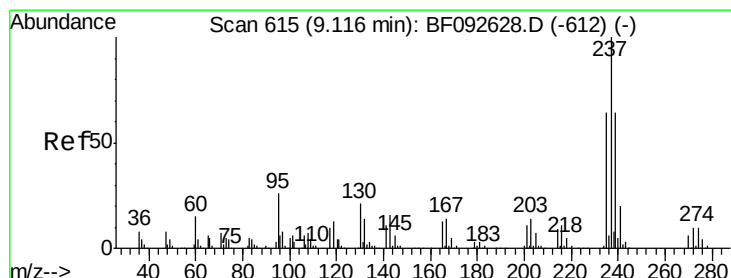
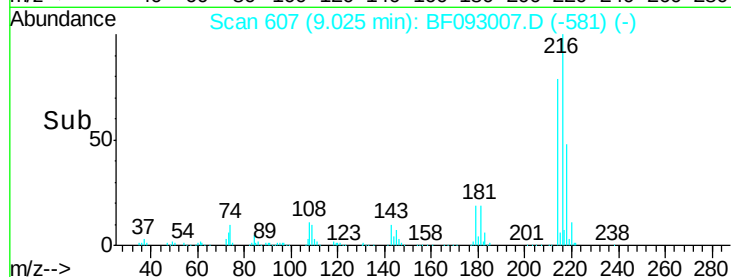
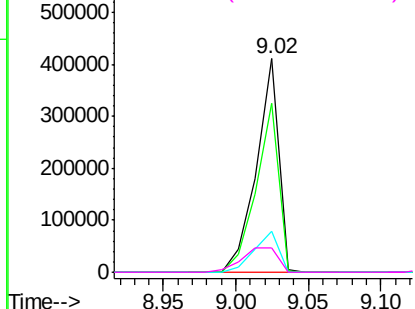
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.43 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BS

Tgt Ion:	216	Resp:	438319
Ion	Ratio	Lower	Upper
216	100		
214	80.3	63.4	95.0
179	20.9	17.4	26.2
108	18.7	15.6	23.4

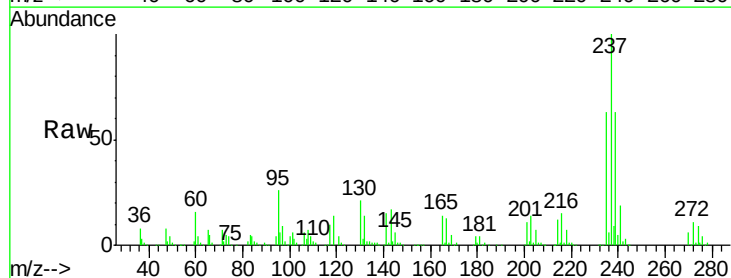


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

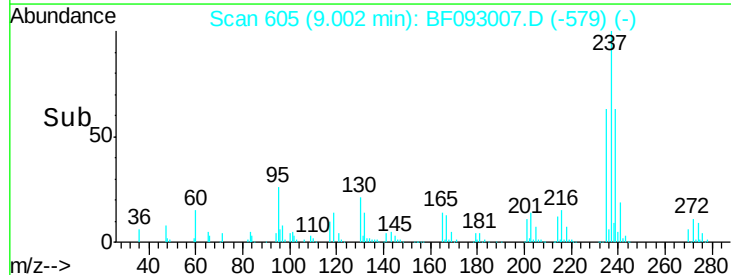
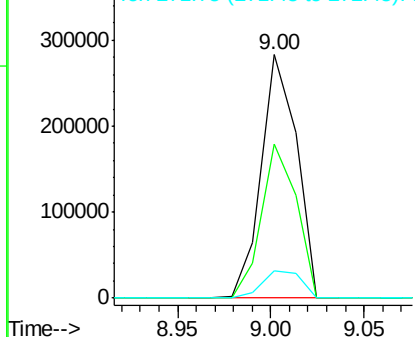


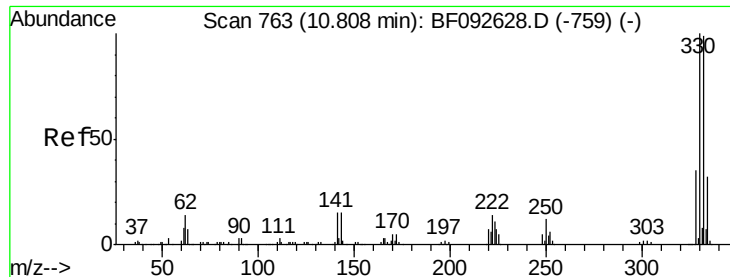
#40
 Hexachlorocyclopentadiene
 Concen: 79.77 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Tgt Ion:	237	Resp:	371837
Ion	Ratio	Lower	Upper
237	100		
235	63.4	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

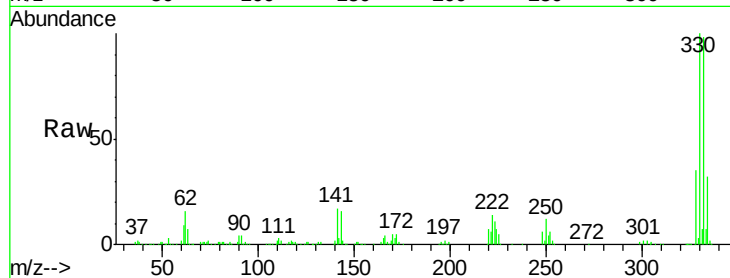




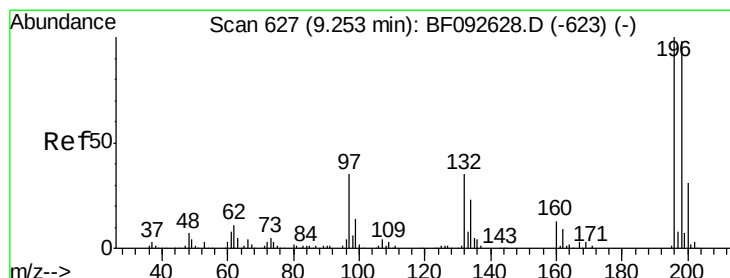
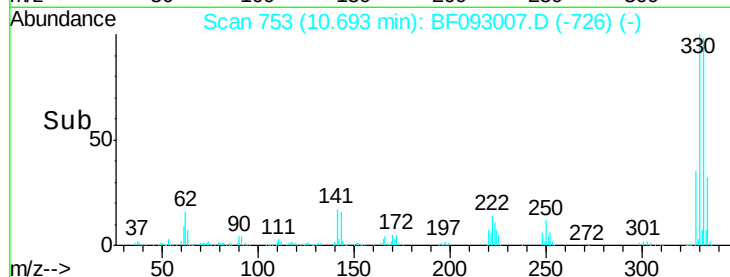
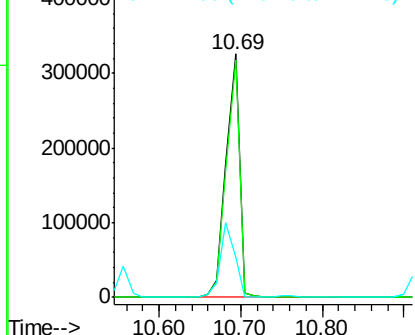
#41
 2,4,6-Tribromophenol
 Concen: 140.40 ng
 RT: 10.69 min Scan# 753
 Delta R.T. 0.01 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BS

Tgt Ion:330 Resp: 373729
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 32.9 34.1 51.1#

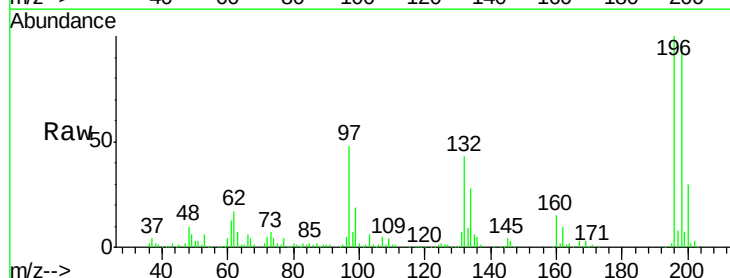


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

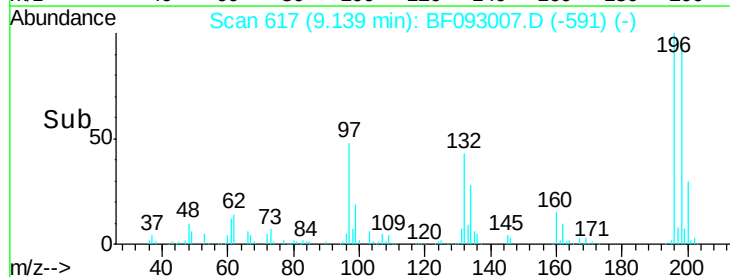
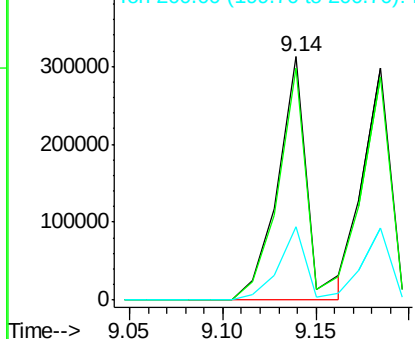


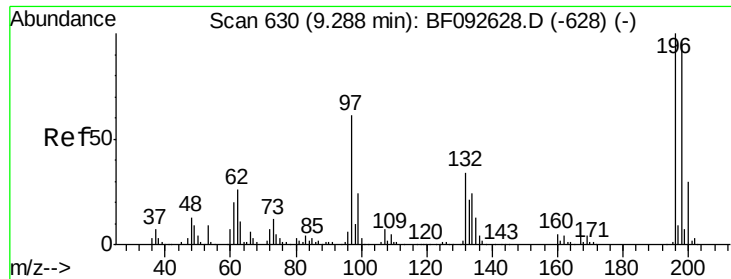
#42
 2,4,6-Trichlorophenol
 Concen: 50.59 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Tgt Ion:196 Resp: 343448
 Ion Ratio Lower Upper
 196 100
 198 95.6 82.1 123.1
 200 30.3 27.0 40.4



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

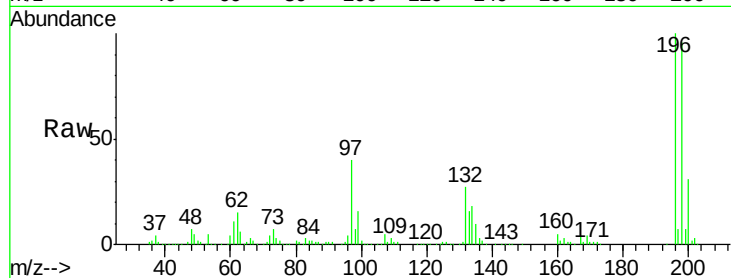




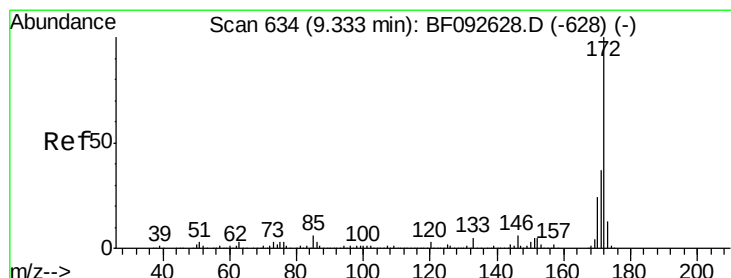
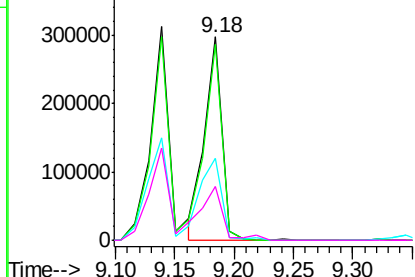
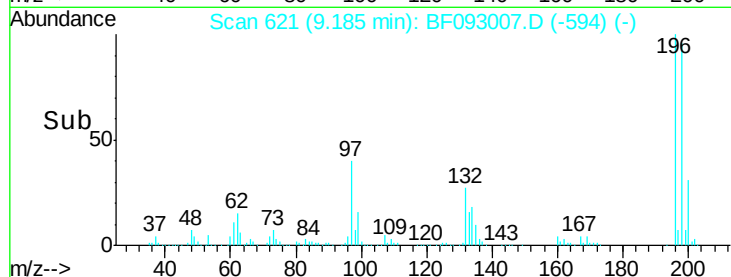
#43
 2,4,5-Trichlorophenol
 Concen: 40.92 ng
 RT: 9.18 min Scan# 621
 Delta R.T. 0.01 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BS

Tgt Ion:196 Resp: 304338
 Ion Ratio Lower Upper
 196 100
 198 96.2 79.4 119.2
 97 40.1 51.5 77.3#
 132 26.7 27.4 41.2#

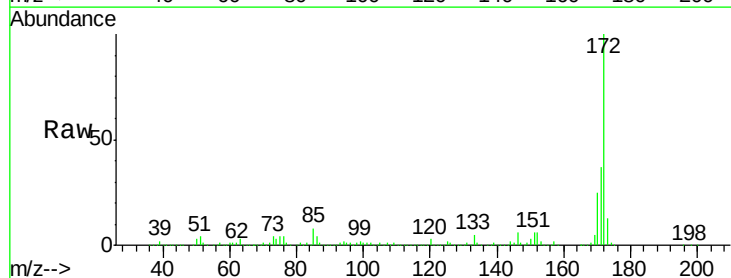


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

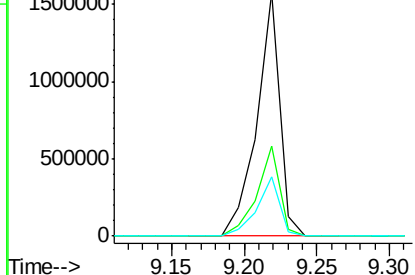
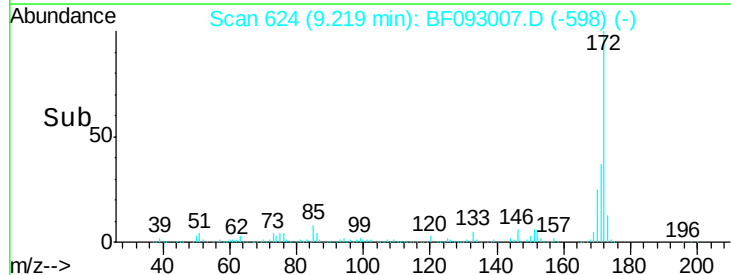


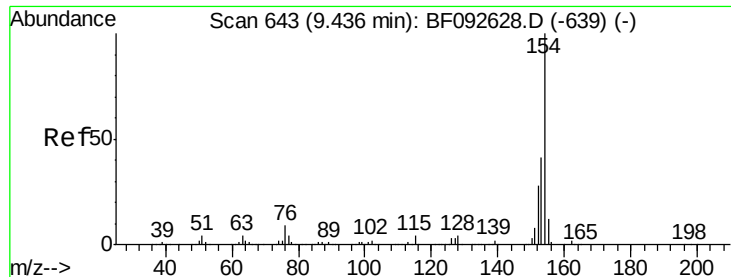
#44
 2-Fluorobiphenyl
 Concen: 84.92 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Tgt Ion:172 Resp: 1725224
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 24.5 20.2 30.4



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





#45

1,1'-Biphenyl

Concen: 45.52 ng

RT: 9.32 min Scan# 633

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

ClientSampleId :

PB97012BS

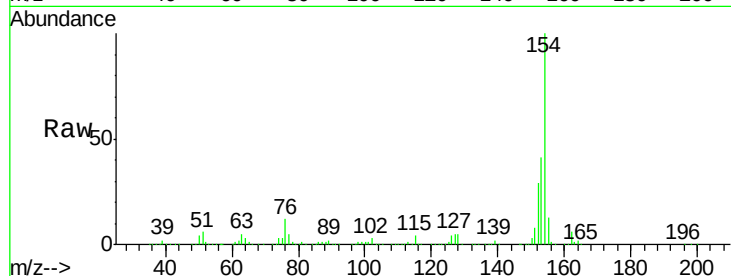
Tgt Ion:154 Resp: 1213156

Ion Ratio Lower Upper

154 100

153 40.7 20.9 60.9

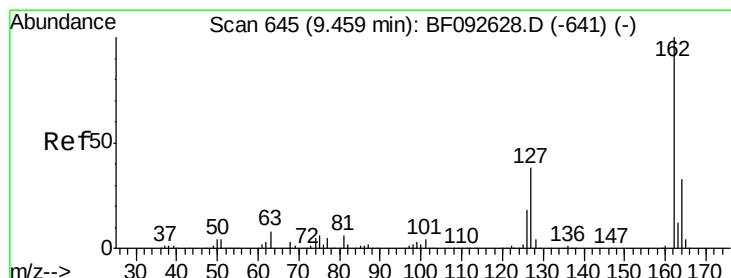
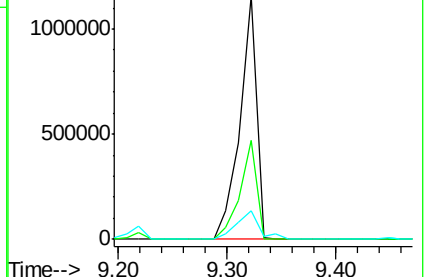
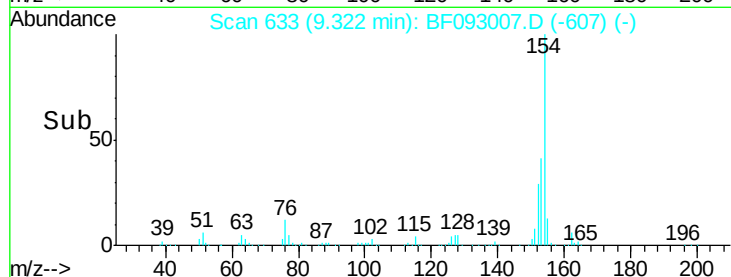
76 11.8 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 44.78 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

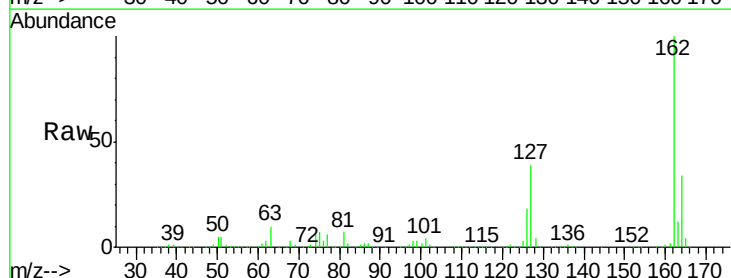
Tgt Ion:162 Resp: 933676

Ion Ratio Lower Upper

162 100

127 38.9 30.7 46.1

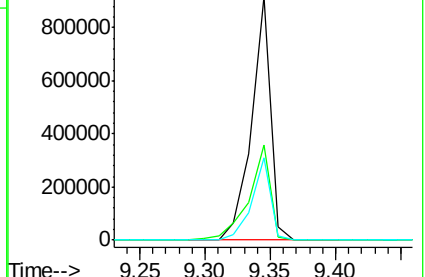
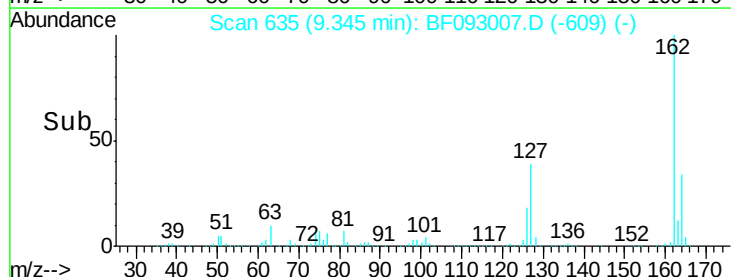
164 33.7 27.6 41.4

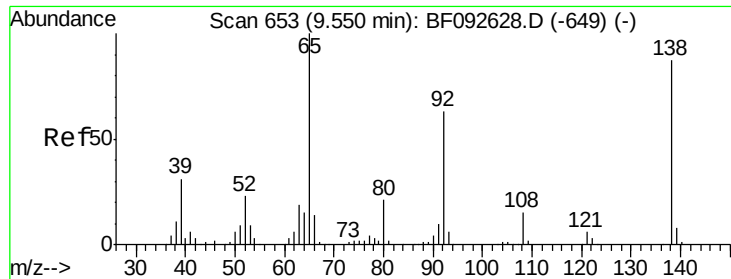


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

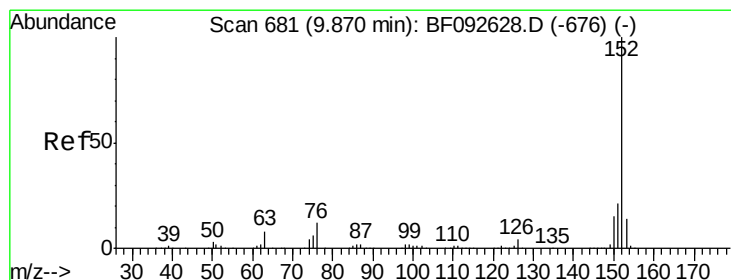
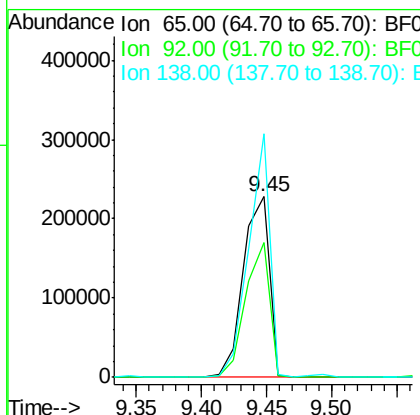
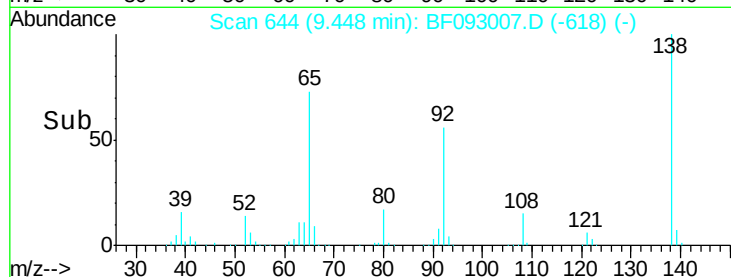
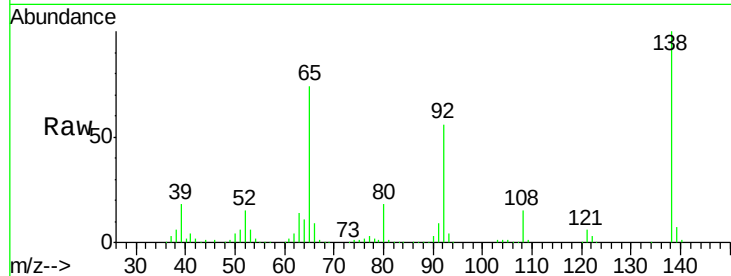




#47
2-Nitroaniline
Concen: 45.25 ng
RT: 9.45 min Scan# 644
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

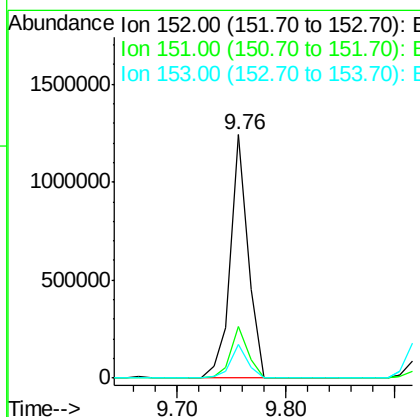
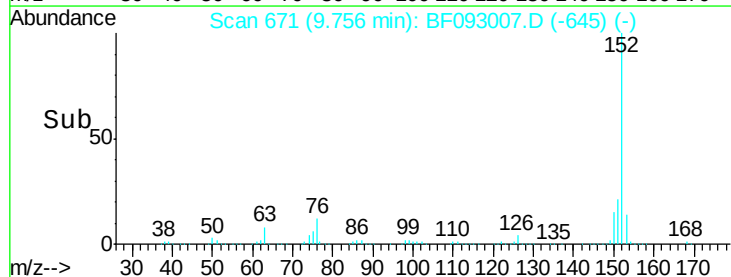
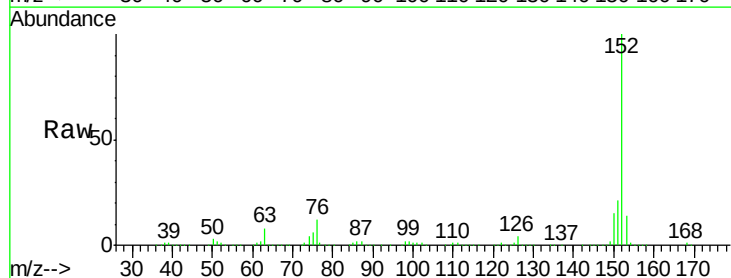
Instrument :
BNA_F
ClientSampleId :
PB97012BS

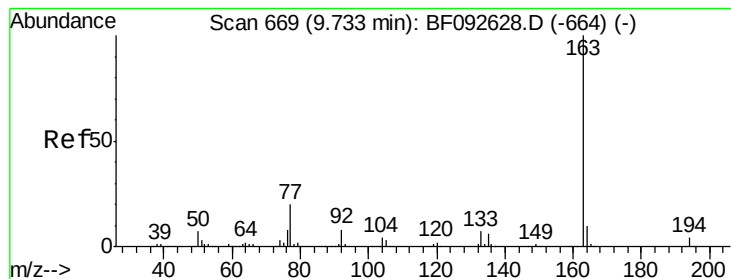
Tgt Ion: 65 Resp: 317160
Ion Ratio Lower Upper
65 100
92 74.8 53.9 80.9
138 134.8 76.8 115.2#



#48
Acenaphthylene
Concen: 38.52 ng
RT: 9.76 min Scan# 671
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion: 152 Resp: 1387285
Ion Ratio Lower Upper
152 100
151 21.0 16.9 25.3
153 13.9 11.4 17.2





#49

Dimethylphthalate

Concen: 45.88 ng

RT: 9.63 min Scan# 660

Delta R.T. 0.01 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

ClientSampleId :

PB97012BS

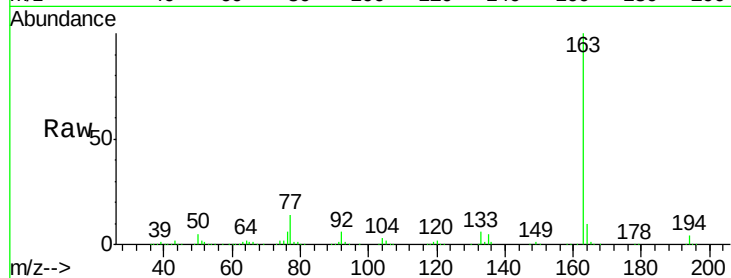
Tgt Ion:163 Resp: 1137418

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

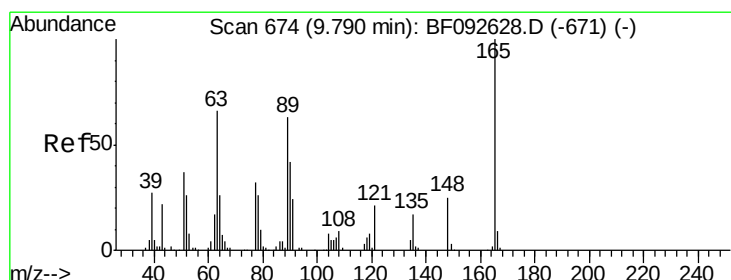
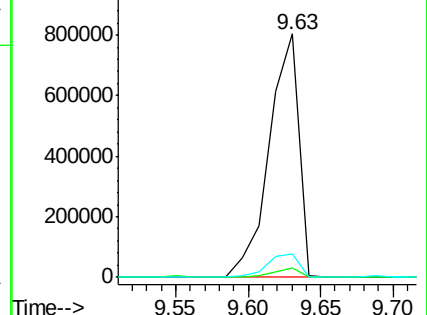
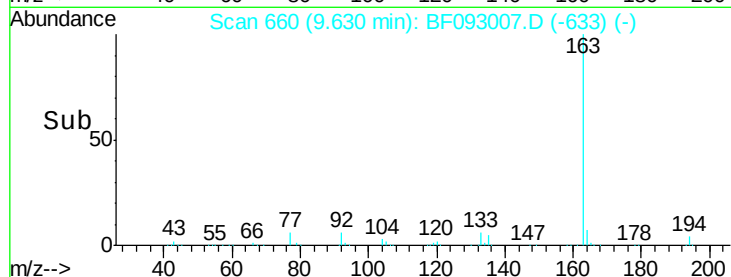
164 9.7 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 46.78 ng

RT: 9.69 min Scan# 665

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

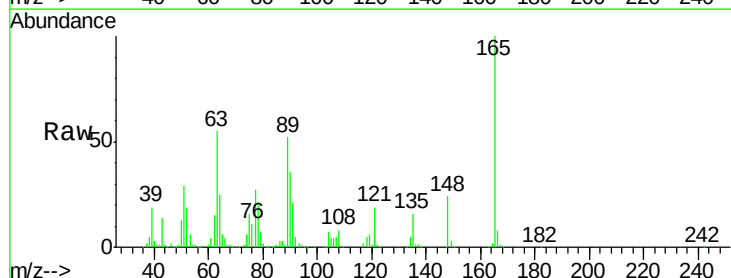
Tgt Ion:165 Resp: 250435

Ion Ratio Lower Upper

165 100

63 55.2 36.2 54.4#

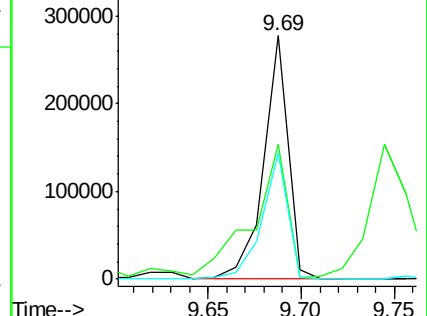
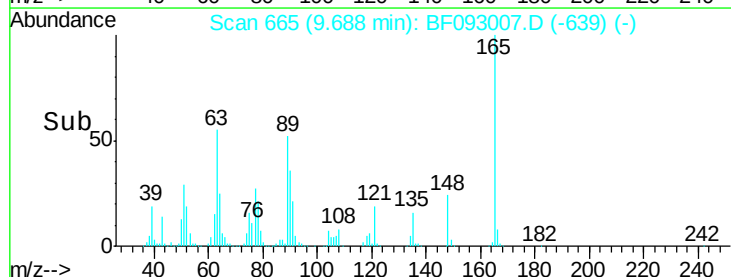
89 51.7 40.2 60.4

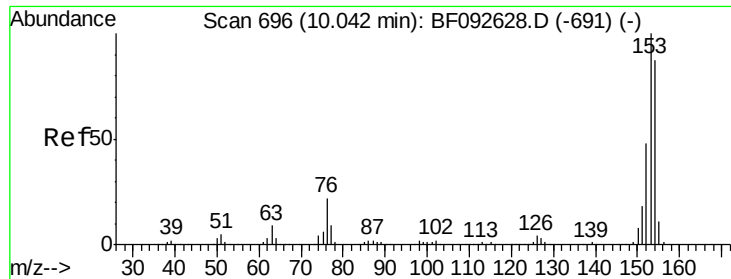


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 42.78 ng

RT: 9.93 min Scan# 686

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

ClientSampleId :

PB97012BS

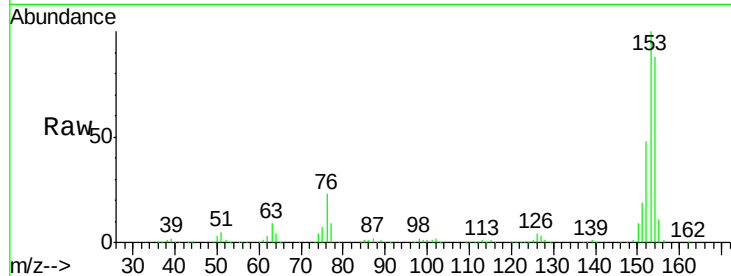
Tgt Ion:154 Resp: 921117

Ion Ratio Lower Upper

154 100

153 113.1 88.6 133.0

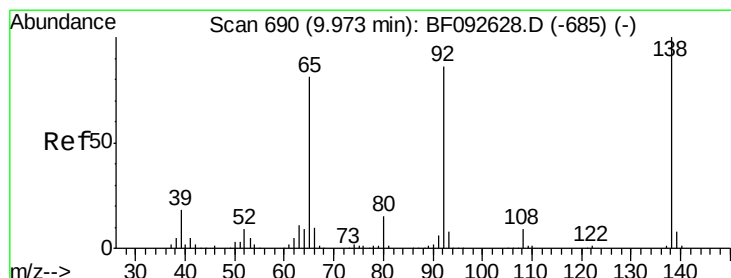
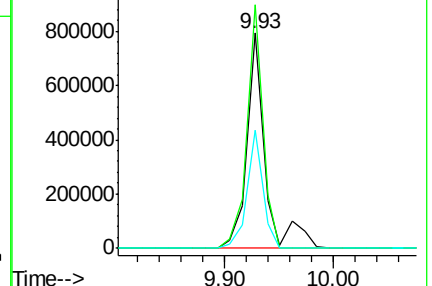
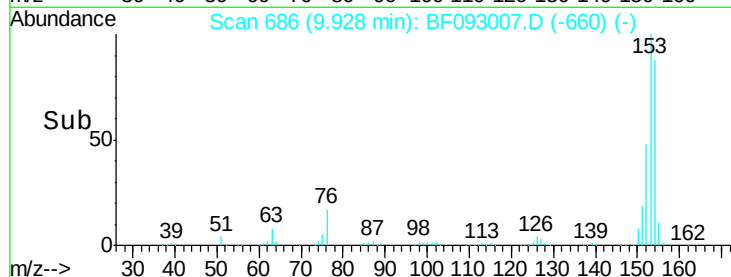
152 54.8 41.6 62.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 19.50 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

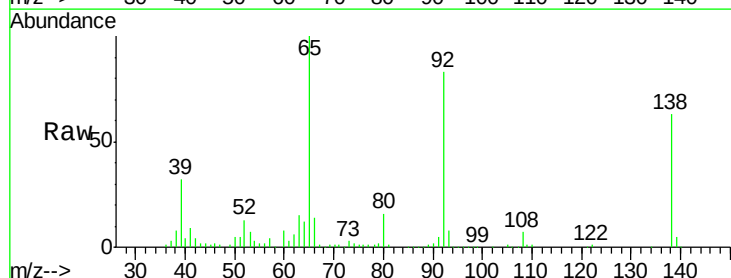
Tgt Ion:138 Resp: 119480

Ion Ratio Lower Upper

138 100

108 11.1 8.5 12.7

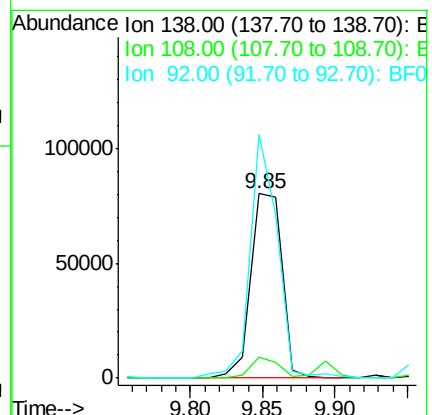
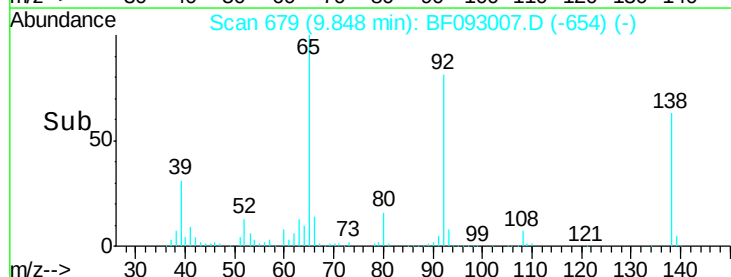
92 132.1 97.8 146.8

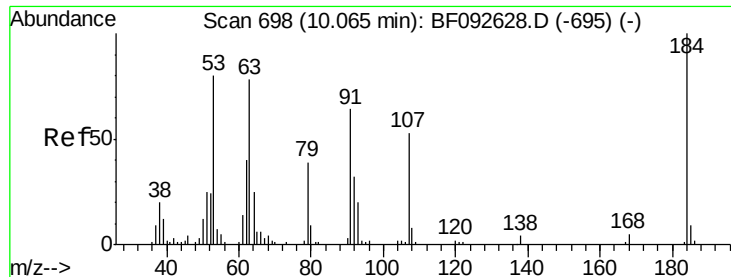


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

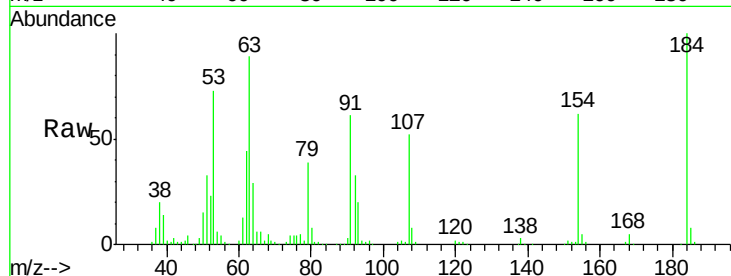




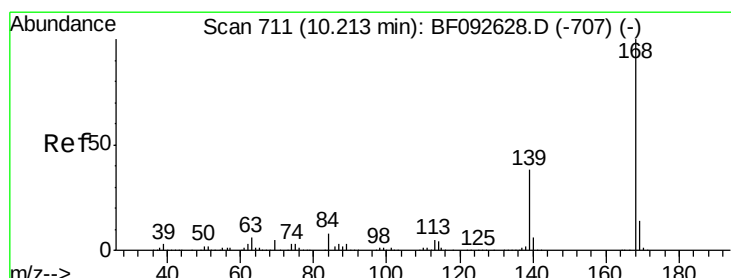
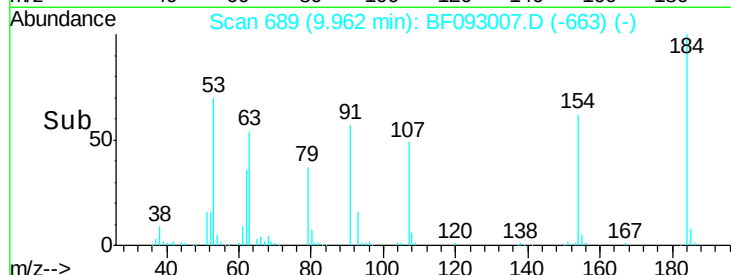
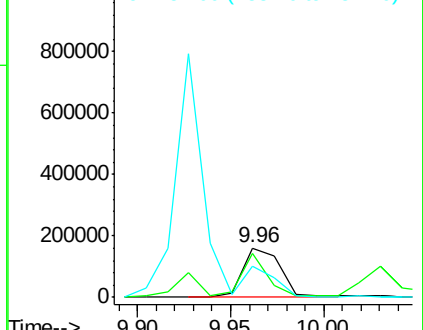
#53
2,4-Dinitrophenol
Concen: 82.83 ng
RT: 9.96 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Instrument :
BNA_F
ClientSampleId :
PB97012BS

Tgt Ion:184 Resp: 226075
Ion Ratio Lower Upper
184 100
63 88.9 28.4 42.6#
154 62.0 44.3 66.5

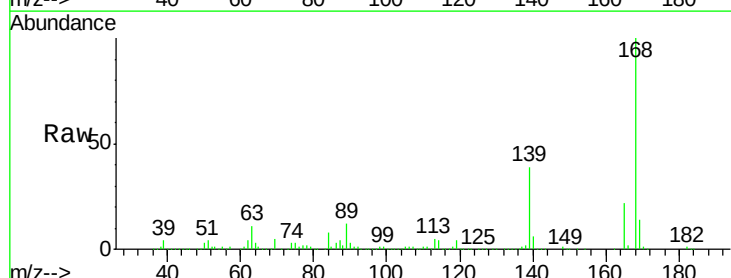


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

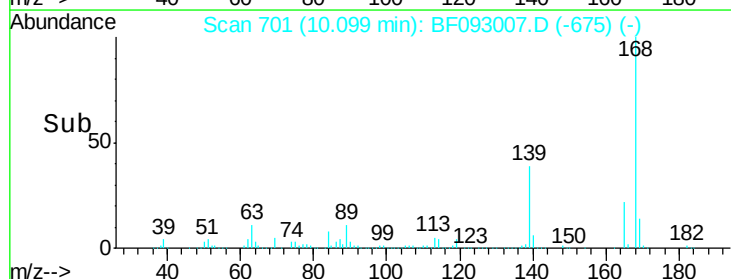
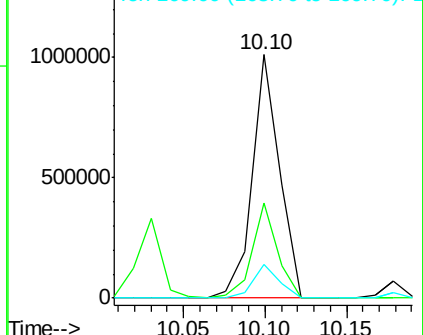


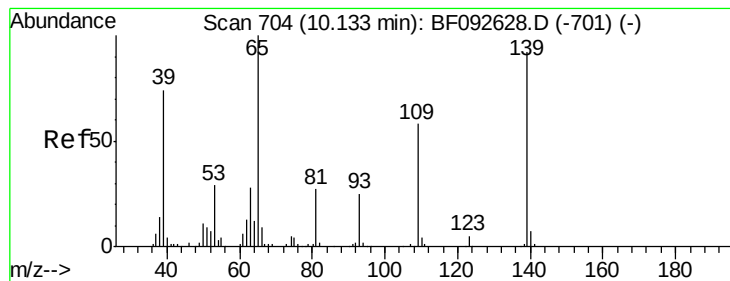
#54
Dibenzofuran
Concen: 40.68 ng
RT: 10.10 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion:168 Resp: 1171739
Ion Ratio Lower Upper
168 100
139 39.1 32.6 49.0
169 13.9 11.3 16.9



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





#55

4-Nitrophenol

Concen: 78.55 ng

RT: 10.03 min Scan# 695

Delta R.T. 0.01 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

ClientSampleId :

PB97012BS

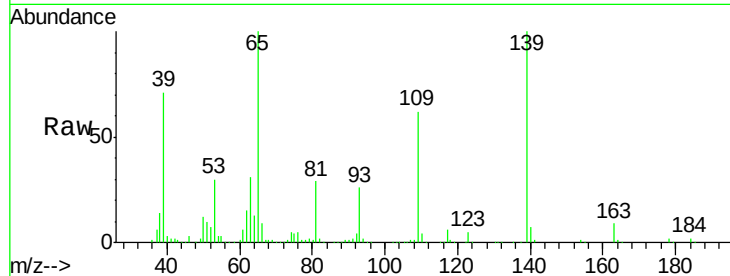
Tgt Ion:139 Resp: 346612

Ion Ratio Lower Upper

139 100

109 62.0 52.2 92.2

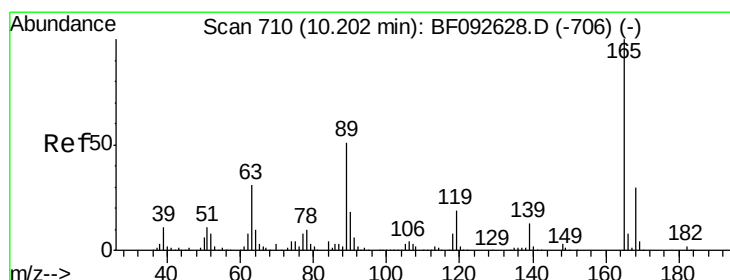
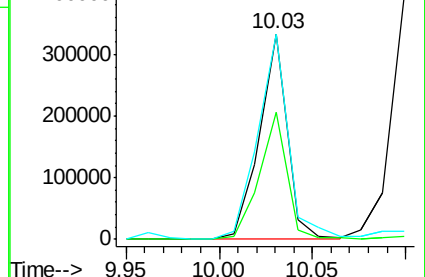
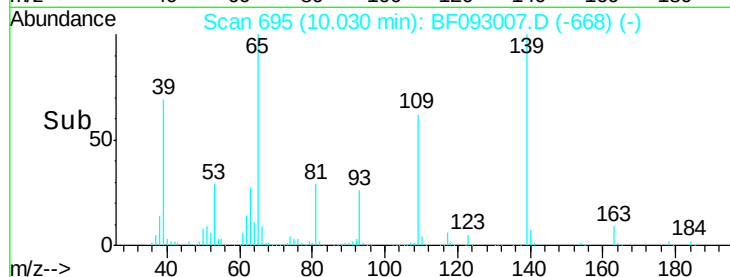
65 100.2 85.8 125.8



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 44.80 ng

RT: 10.10 min Scan# 701

Delta R.T. 0.01 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Tgt Ion:165 Resp: 319290

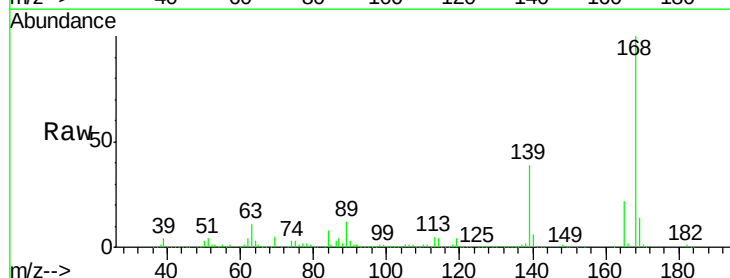
Ion Ratio Lower Upper

165 100

63 49.3 40.2 60.4

89 53.6 62.5 93.7#

182 2.6 1.8 2.8

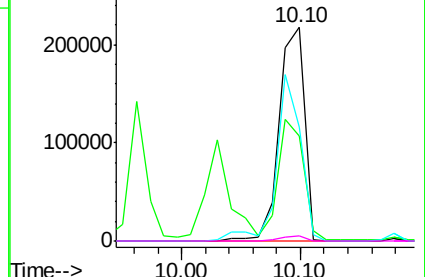
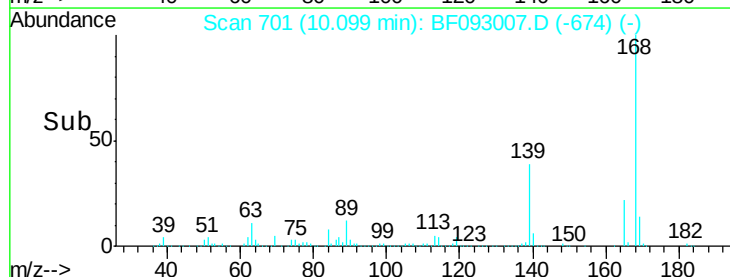


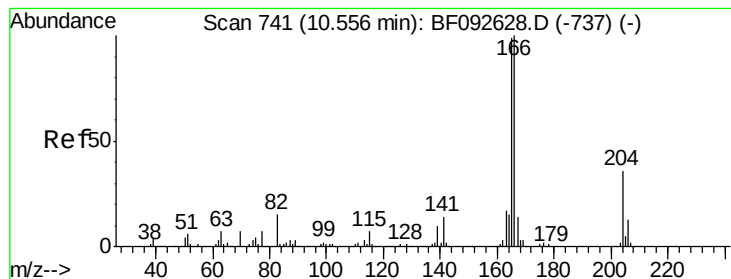
Abundance Ion 165.00 (164.70 to 165.70): E

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: 38.63 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

ClientSampled :

PB97012BS

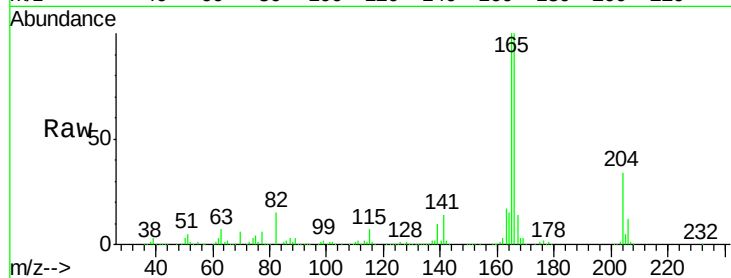
Tgt Ion:166 Resp: 855851

Ion Ratio Lower Upper

166 100

165 100.2 77.8 116.8

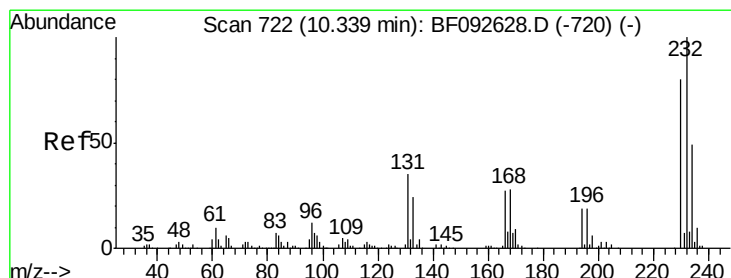
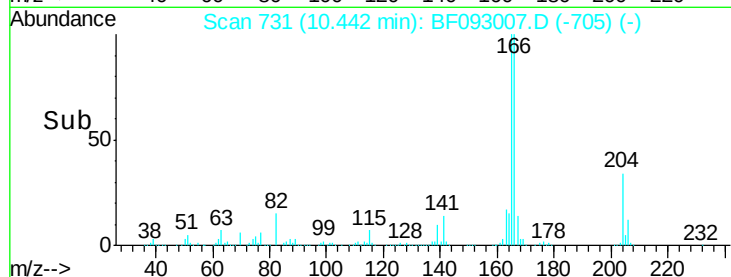
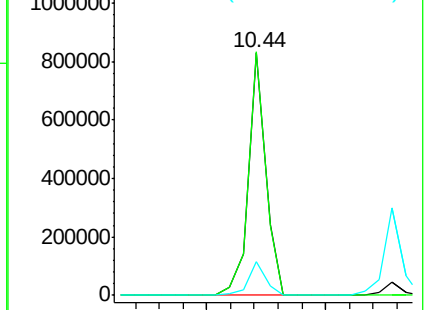
167 13.7 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 49.74 ng

RT: 10.22 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Tgt Ion:232 Resp: 246827

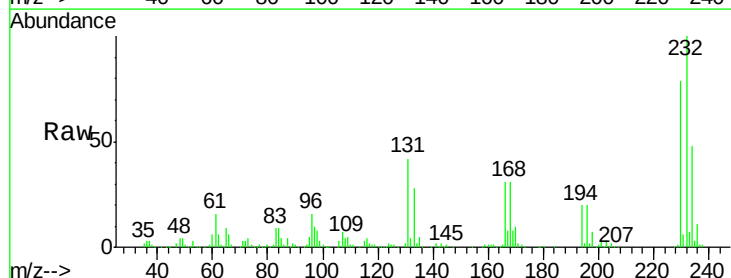
Ion Ratio Lower Upper

232 100

131 46.9 40.1 60.1

130 2.2 1.8 2.8

166 32.9 26.6 39.8

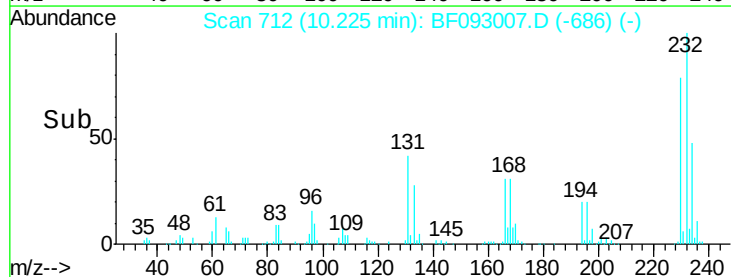
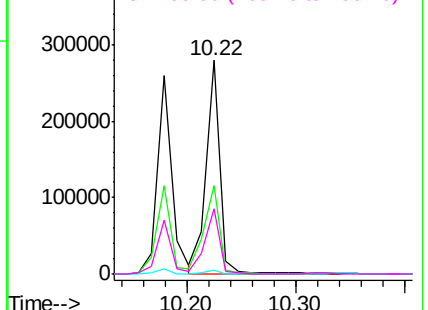


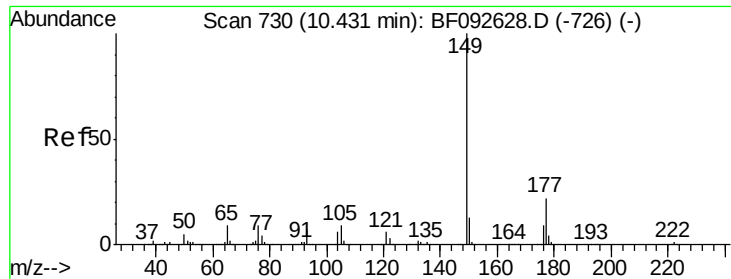
Abundance Ion 232.00 (231.70 to 232.70): E

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

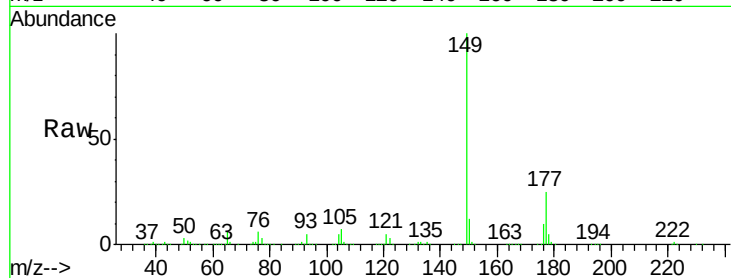




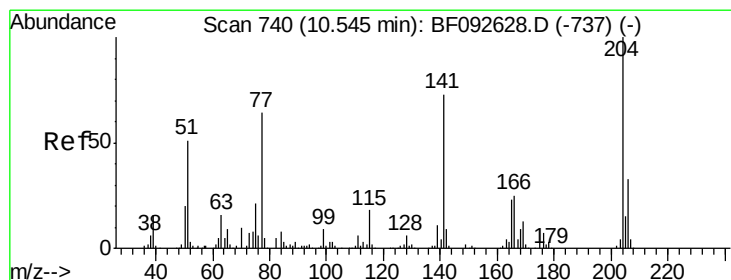
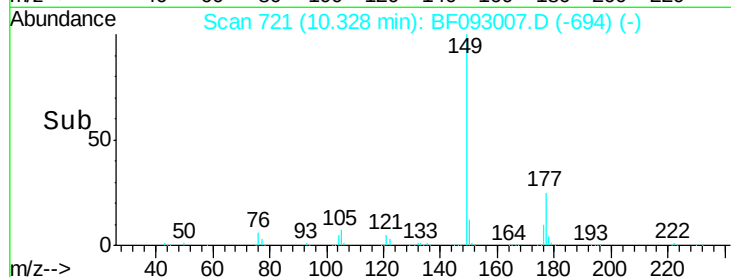
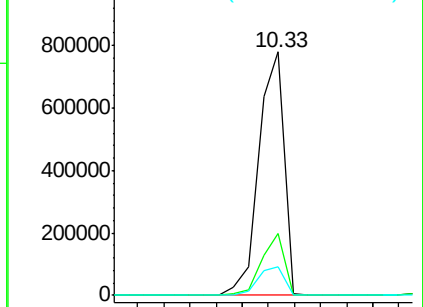
#59
Diethylphthalate
Concen: 45.17 ng
RT: 10.33 min Scan# 721
Delta R.T. 0.01 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Instrument :
BNA_F
ClientSampleId :
PB97012BS

Tgt Ion:149 Resp: 1055332
Ion Ratio Lower Upper
149 100
177 25.4 16.6 25.0#
150 12.0 10.4 15.6

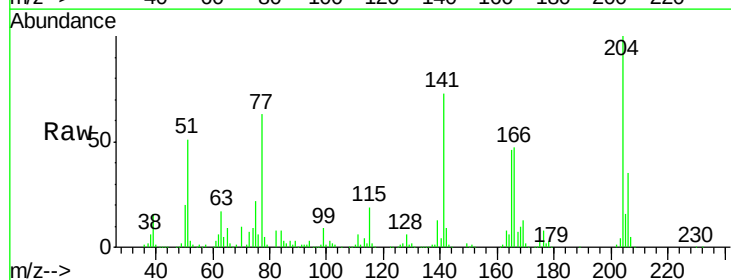


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

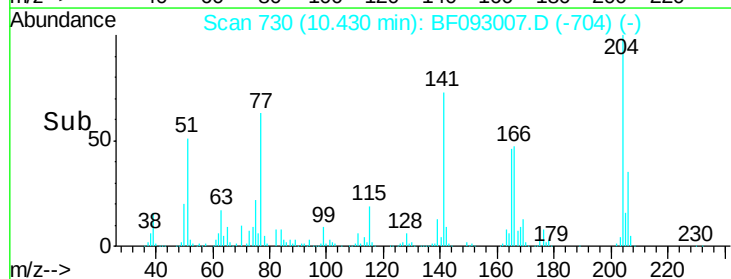
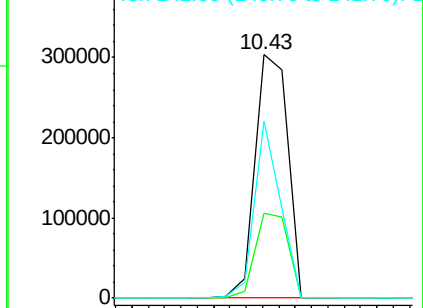


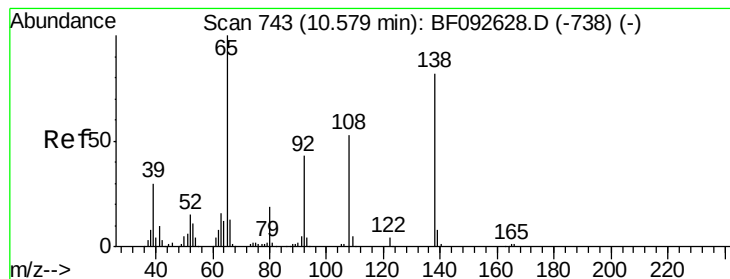
#60
4-Chlorophenyl-phenylether
Concen: 39.68 ng
RT: 10.43 min Scan# 730
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion:204 Resp: 422405
Ion Ratio Lower Upper
204 100
206 35.0 25.8 38.6
141 72.5 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: 44.04 ng

RT: 10.48 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

ClientSampleId :

PB97012BS

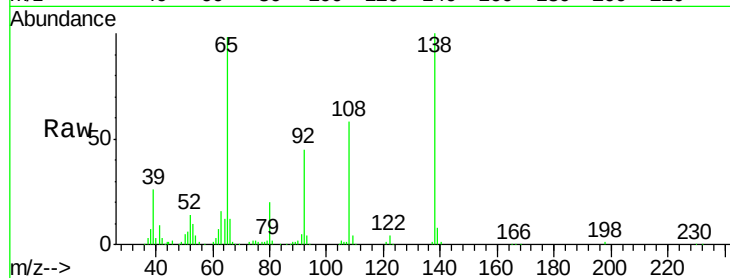
Tgt Ion:138 Resp: 276361

Ion Ratio Lower Upper

138 100

92 45.2 31.7 71.7

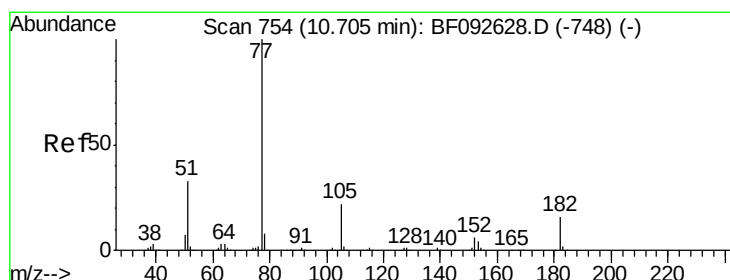
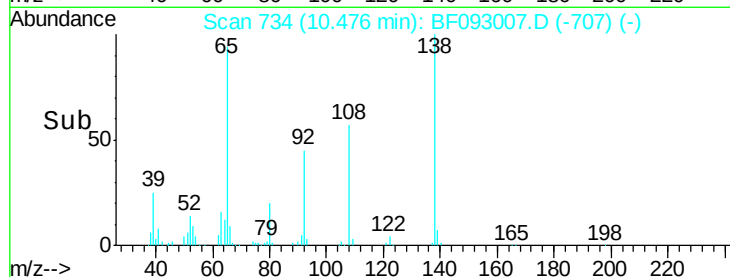
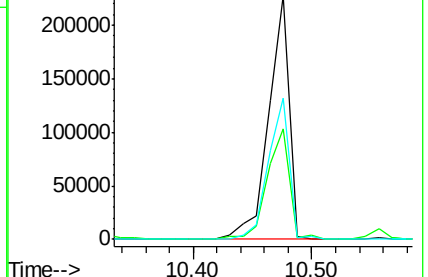
108 57.8 52.6 92.6



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: 48.26 ng

RT: 10.59 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Tgt Ion: 77 Resp: 1164820

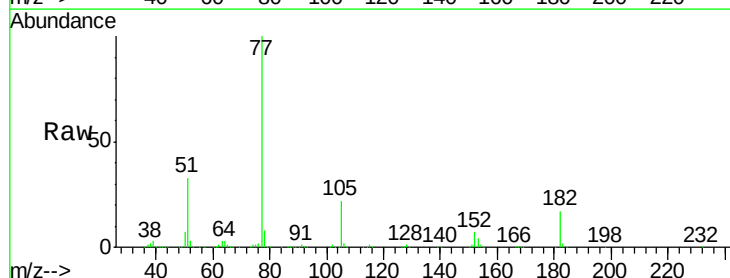
Ion Ratio Lower Upper

77 100

182 17.1 0.0 39.3

105 22.3 2.3 42.3

51 33.0 8.9 48.9

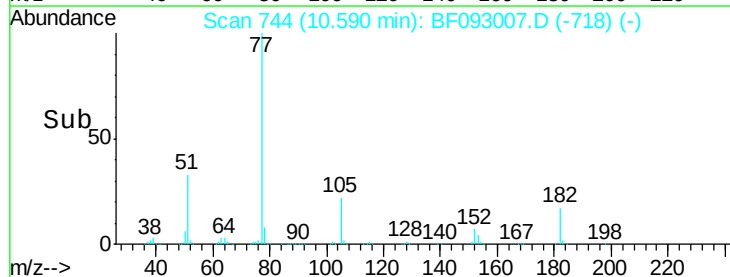
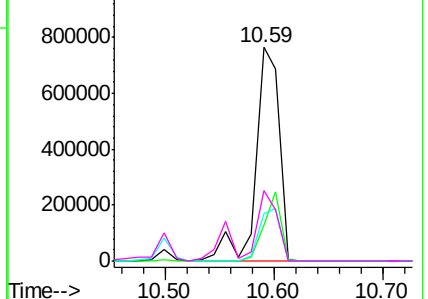


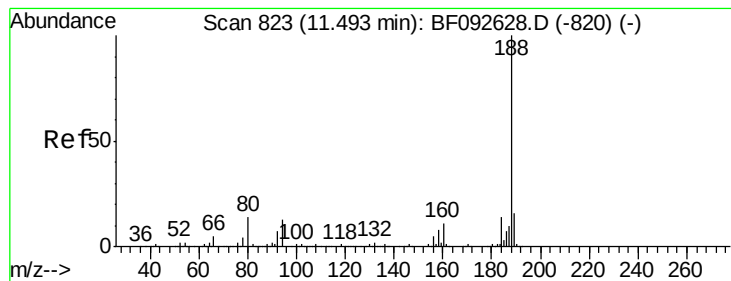
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.38 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

ClientSampleId :

PB97012BS

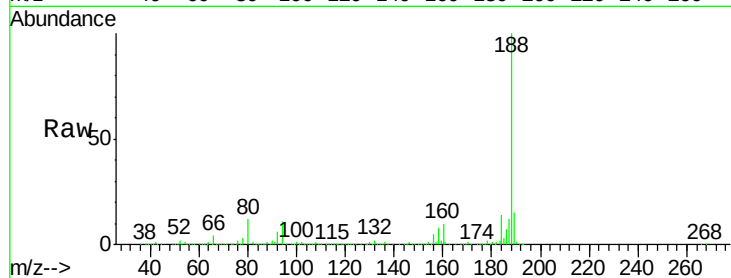
Tgt Ion:188 Resp: 620839

Ion Ratio Lower Upper

188 100

94 10.8 10.0 15.0

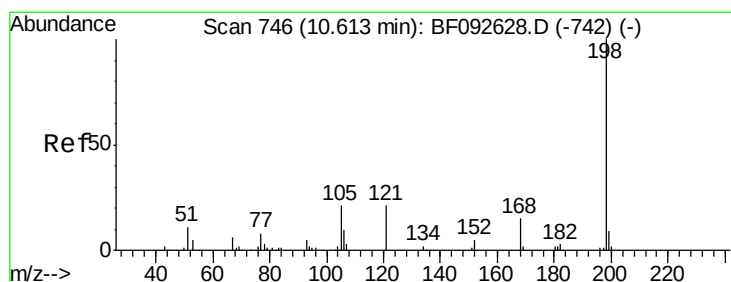
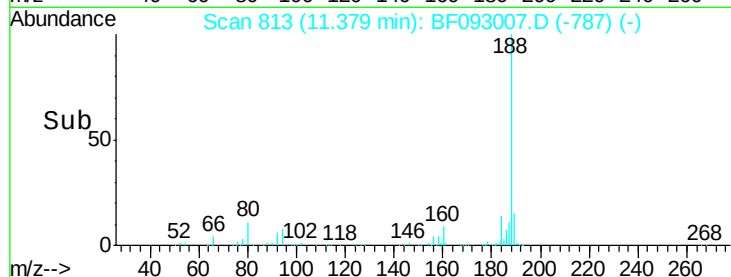
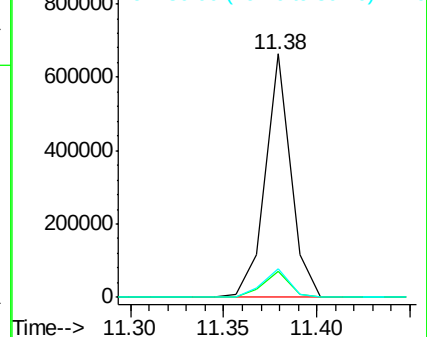
80 11.6 11.2 16.8



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: 43.88 ng

RT: 10.50 min Scan# 736

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

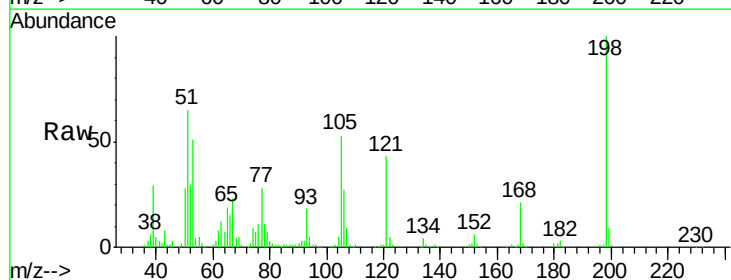
Tgt Ion:198 Resp: 164890

Ion Ratio Lower Upper

198 100

51 65.3 6.7 46.7#

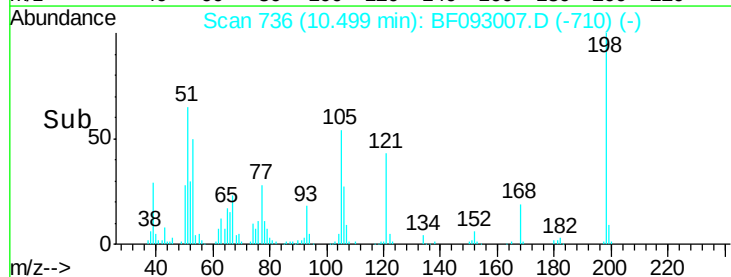
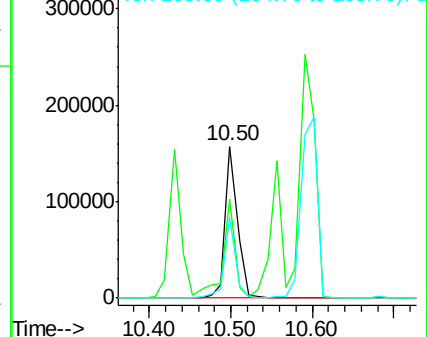
105 53.2 16.6 56.6

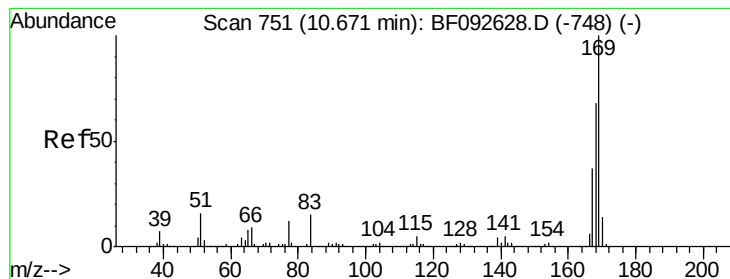


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.29 ng

RT: 10.56 min Scan# 741

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

ClientSampleId :

PB97012BS

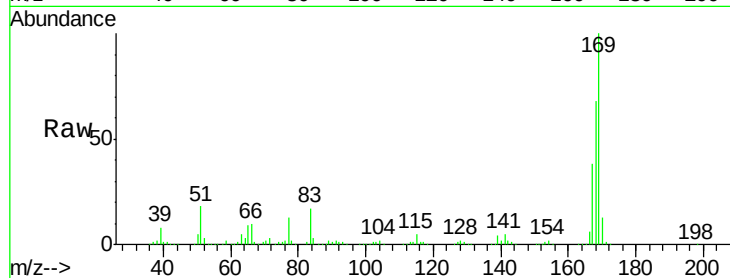
Tgt Ion:169 Resp: 799070

Ion Ratio Lower Upper

169 100

168 67.8 54.2 81.2

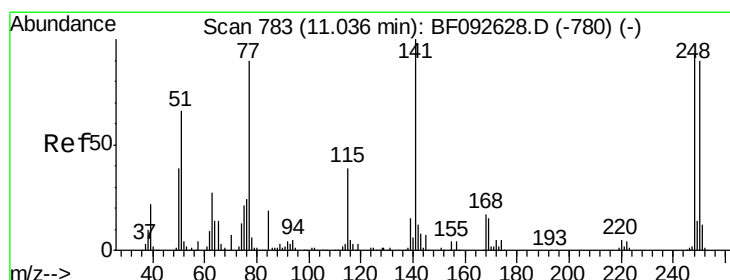
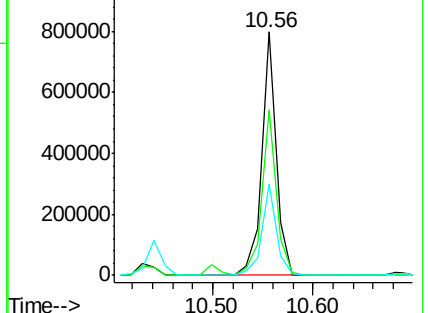
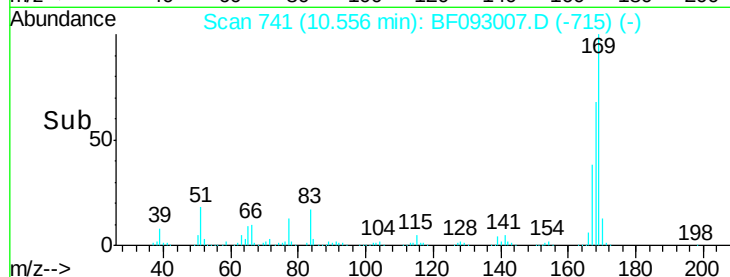
167 37.7 30.2 45.4



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: 38.98 ng

RT: 10.92 min Scan# 773

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

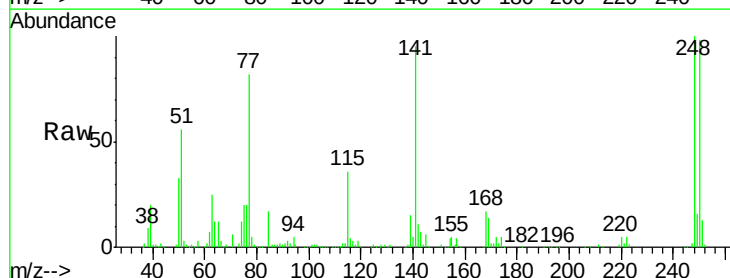
Tgt Ion:248 Resp: 252859

Ion Ratio Lower Upper

248 100

250 97.7 76.9 115.3

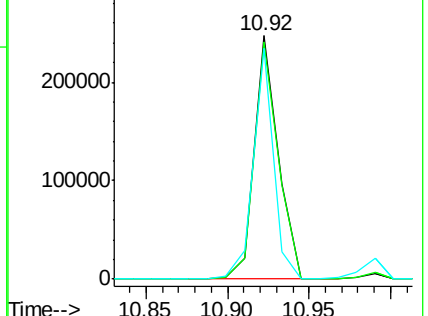
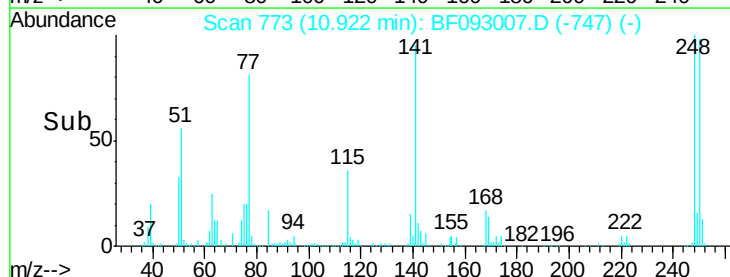
141 94.6 68.2 102.4

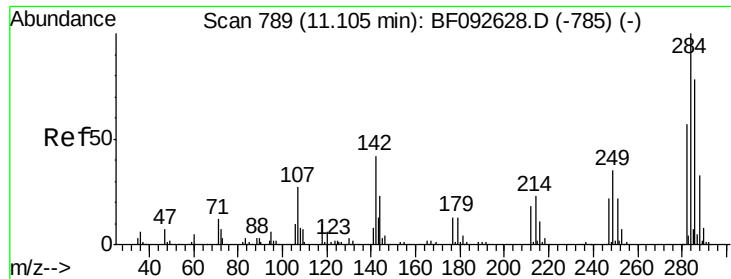


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.19 ng

RT: 10.99 min Scan# 779

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

ClientSampleId :

PB97012BS

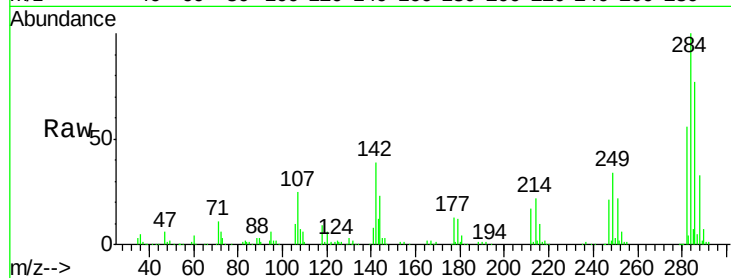
Tgt Ion:284 Resp: 257602

Ion Ratio Lower Upper

284 100

142 39.2 22.6 33.8#

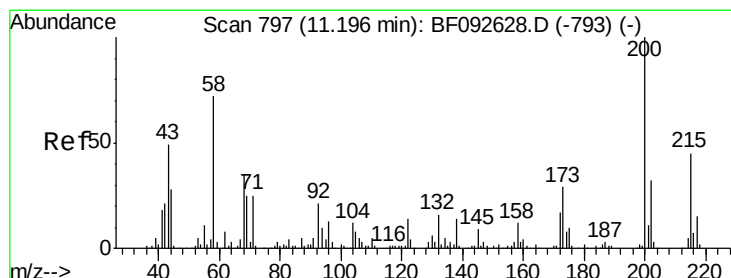
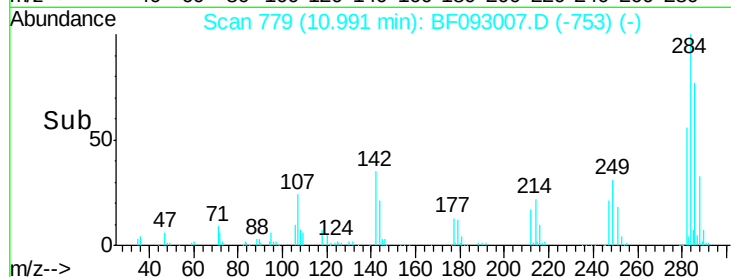
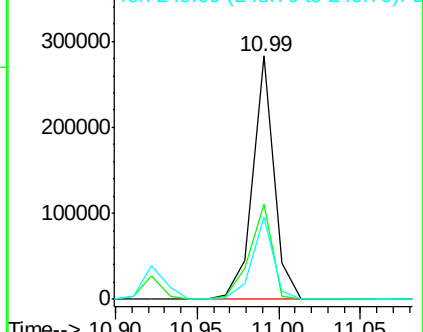
249 33.6 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 43.72 ng

RT: 11.09 min Scan# 788

Delta R.T. 0.01 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

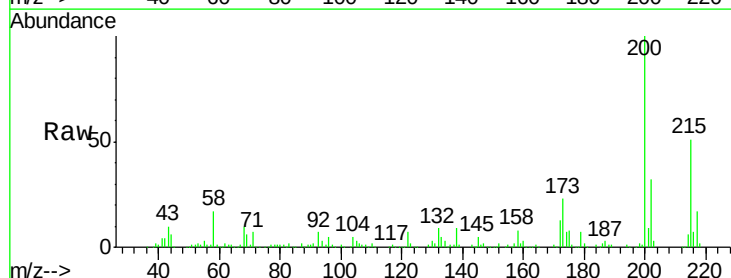
Tgt Ion:200 Resp: 278274

Ion Ratio Lower Upper

200 100

173 22.7 9.6 49.6

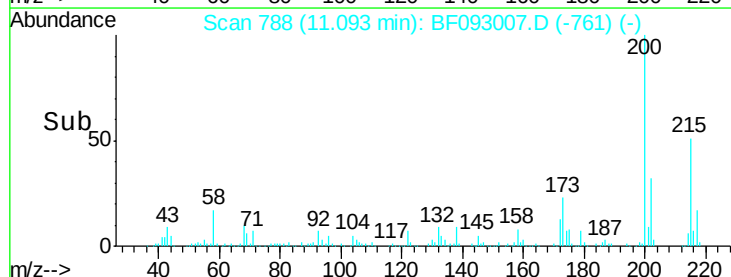
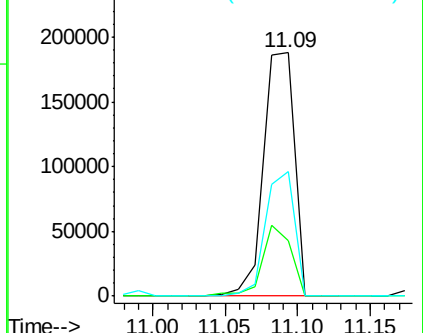
215 51.3 25.7 65.7

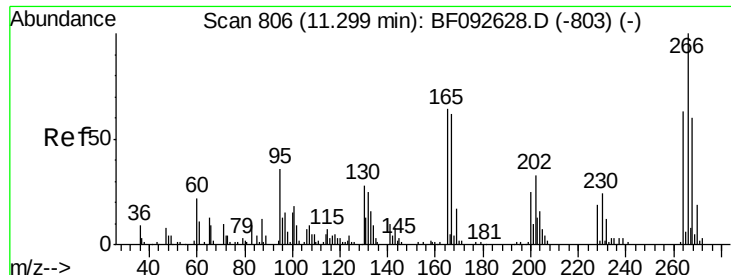


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

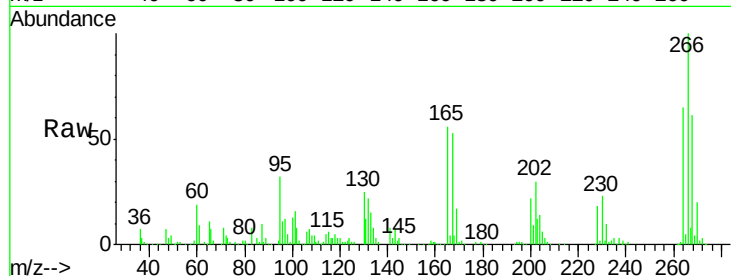




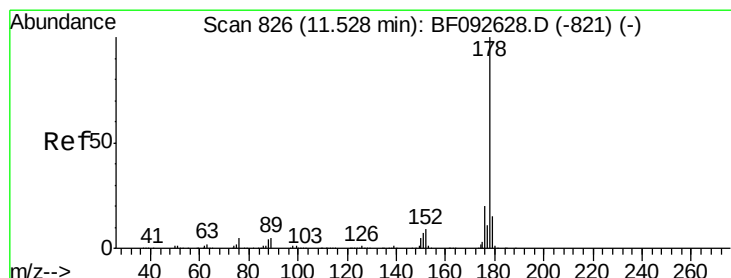
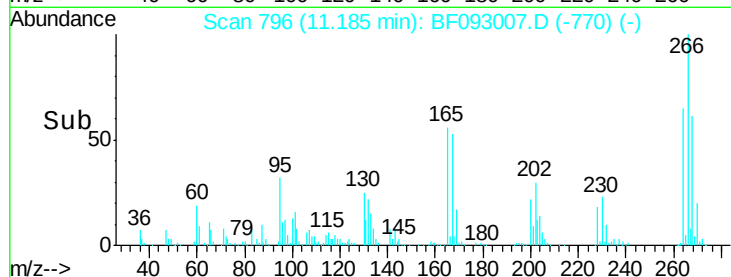
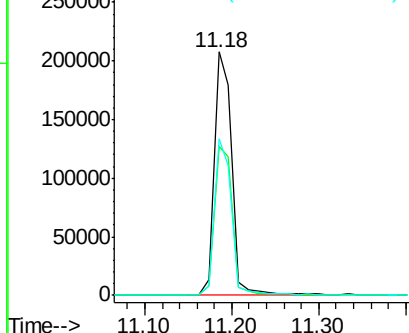
#69
 Pentachlorophenol
 Concen: 88.30 ng
 RT: 11.18 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BS

Tgt Ion:266 Resp: 294902
 Ion Ratio Lower Upper
 266 100
 268 61.1 53.3 79.9
 264 64.5 50.3 75.5

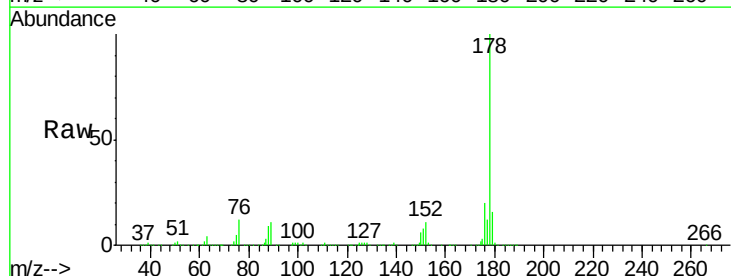


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

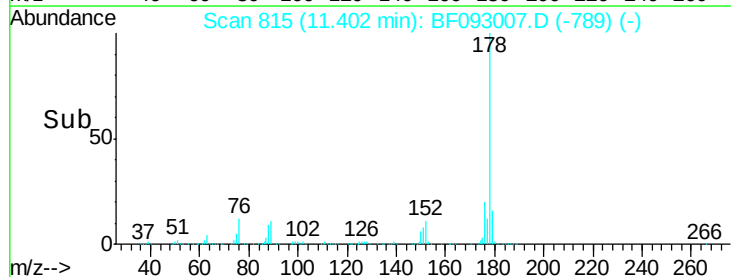
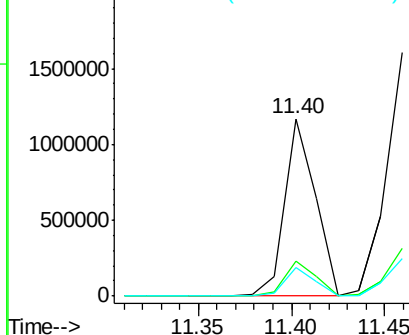


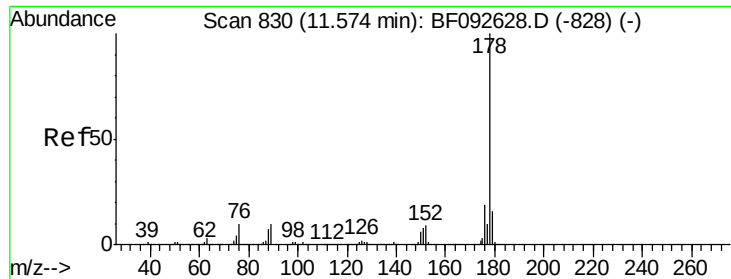
#70
 Phenanthrene
 Concen: 37.93 ng
 RT: 11.40 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Tgt Ion:178 Resp: 1349060
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.6 25.0
 179 16.1 12.8 19.2



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

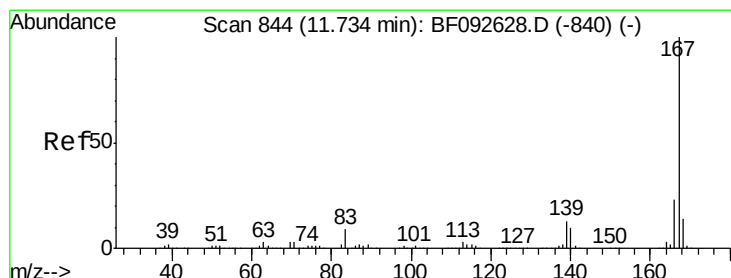
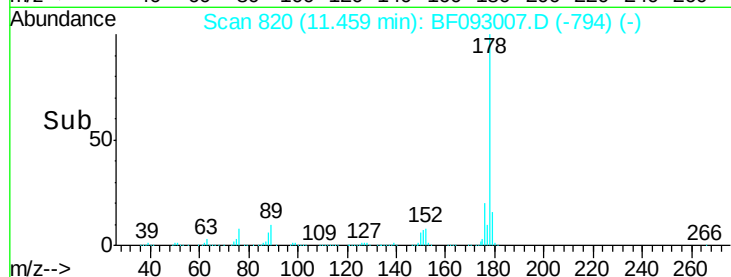
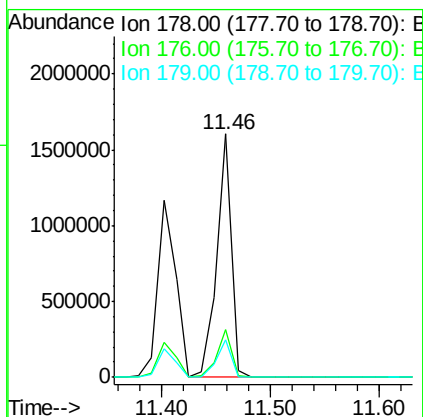
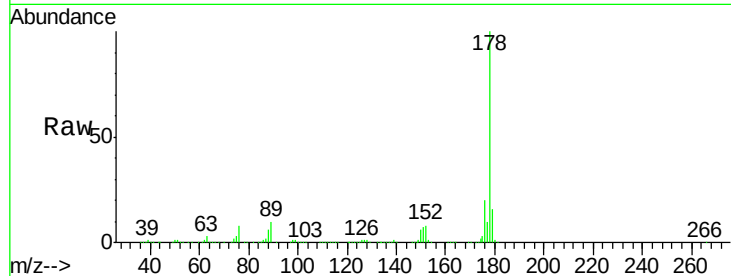




#71
 Anthracene
 Concen: 42.61 ng
 RT: 11.46 min Scan# 820
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

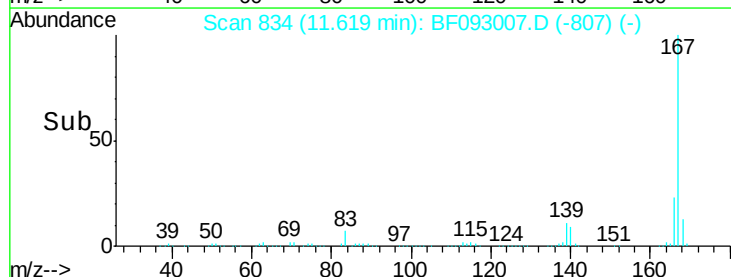
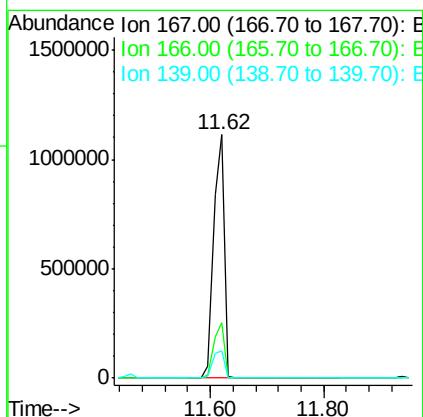
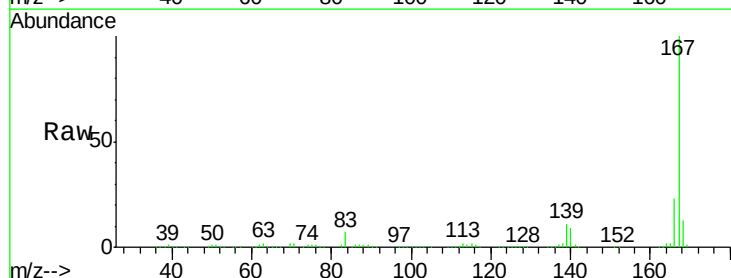
Instrument :
 BNA_F
 ClientSampleId :
 PB97012BS

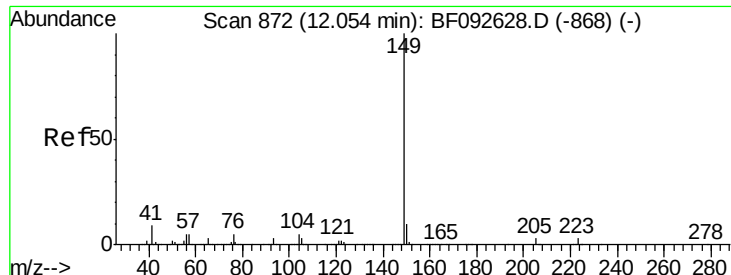
Tgt Ion:178 Resp: 1522117
 Ion Ratio Lower Upper
 178 100
 176 19.5 15.9 23.9
 179 15.5 13.2 19.8



#72
 Carbazole
 Concen: 40.88 ng
 RT: 11.62 min Scan# 834
 Delta R.T. 0.01 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Tgt Ion:167 Resp: 1395718
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.2 27.2
 139 11.4 11.4 17.2#





#73

Di-n-butylphthalate

Concen: 41.34 ng

RT: 11.94 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

ClientSampleId :

PB97012BS

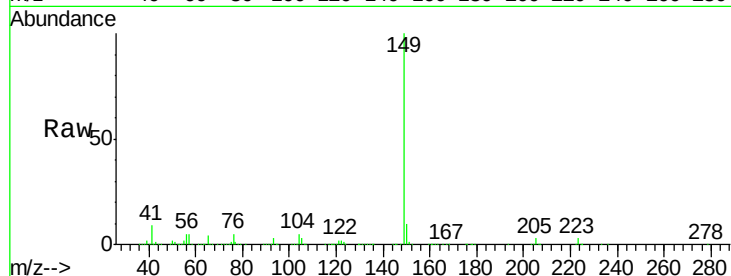
Tgt Ion:149 Resp: 1526439

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

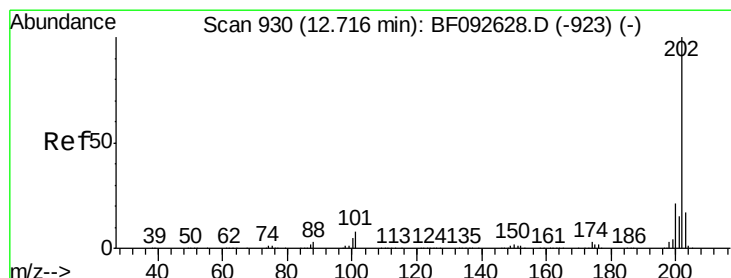
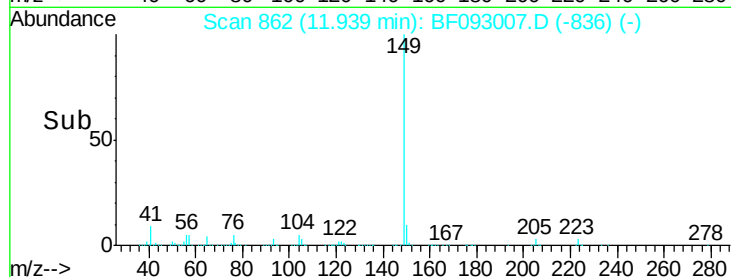
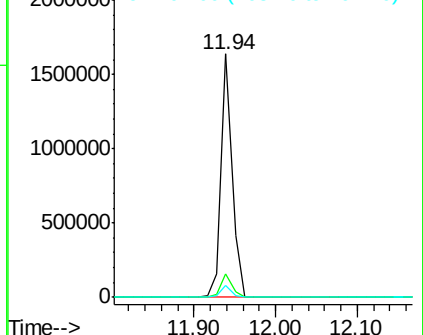
104 4.7 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 37.03 ng

RT: 12.59 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

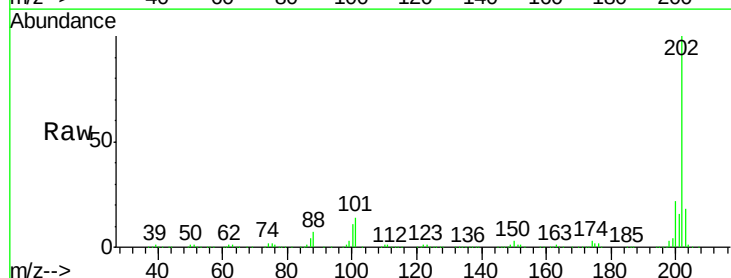
Tgt Ion:202 Resp: 1358773

Ion Ratio Lower Upper

202 100

101 14.0 0.0 34.6

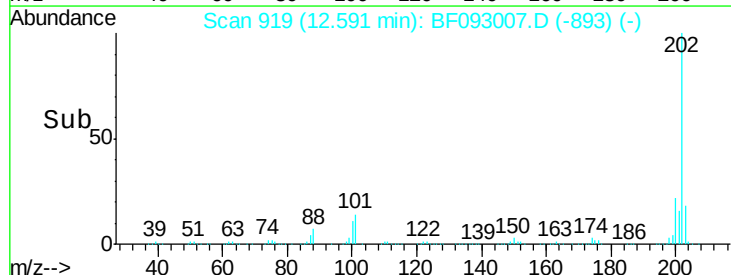
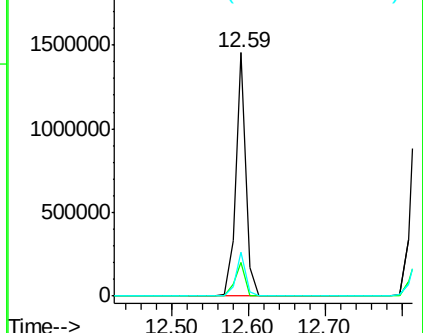
203 17.9 0.0 38.7

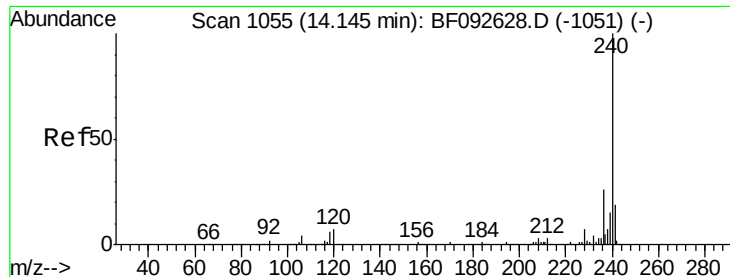


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.02 min Scan# 1044

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

ClientSampleId :

PB97012BS

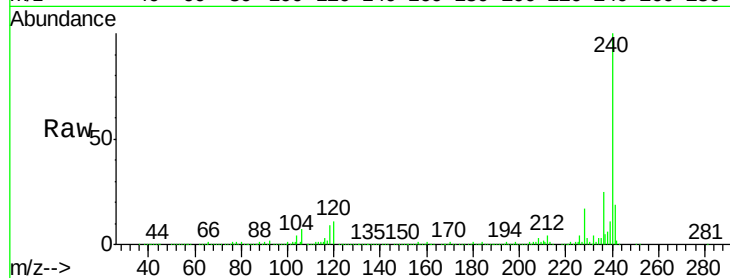
Tgt Ion:240 Resp: 549988

Ion Ratio Lower Upper

240 100

120 10.8 12.9 19.3#

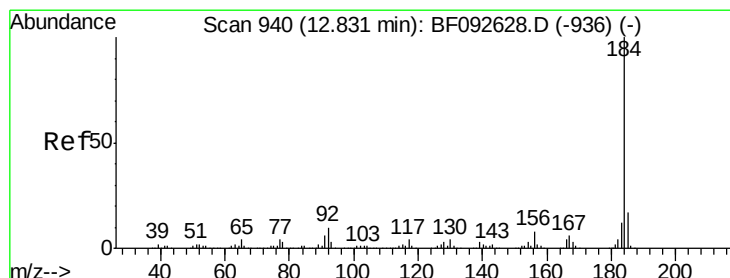
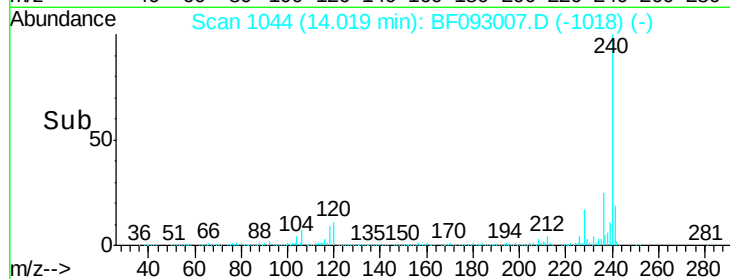
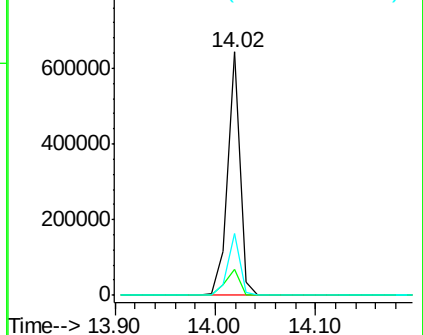
236 25.4 20.9 31.3



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: 18.66 ng

RT: 12.72 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

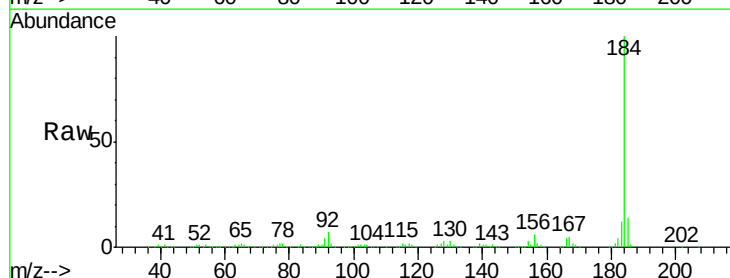
Tgt Ion:184 Resp: 437319

Ion Ratio Lower Upper

184 100

185 14.0 13.4 20.0

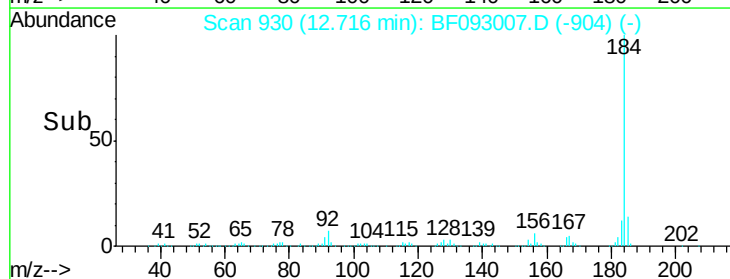
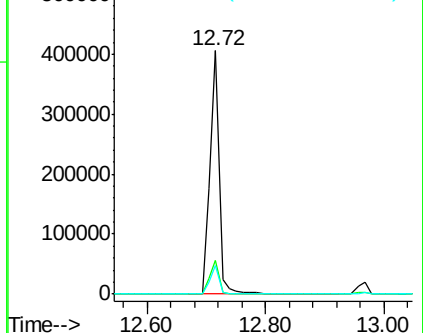
183 11.8 9.2 13.8

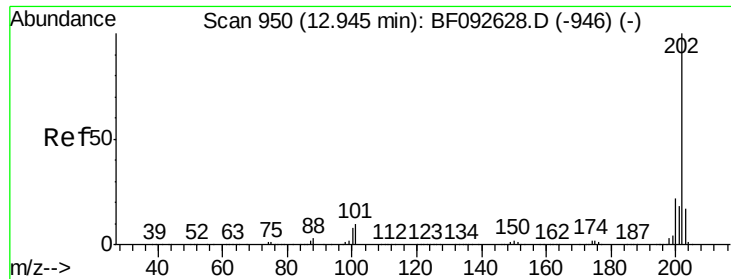


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



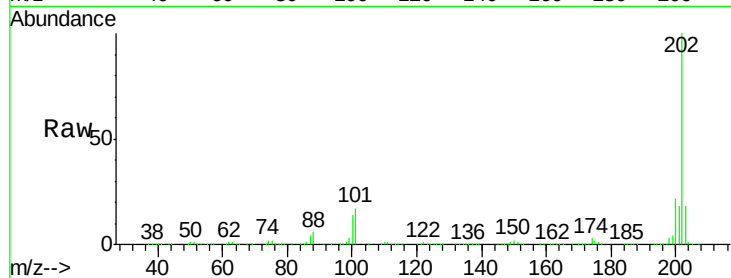


#77
 Pyrene
 Concen: 33.39 ng
 RT: 12.82 min Scan# 939
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

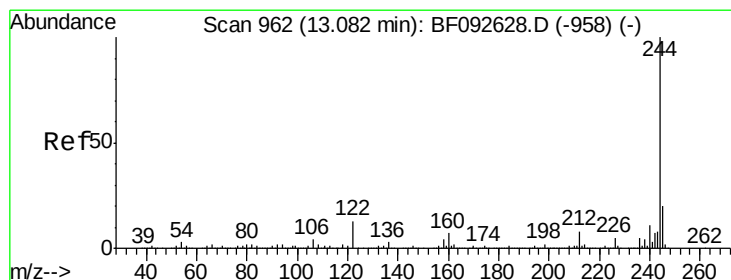
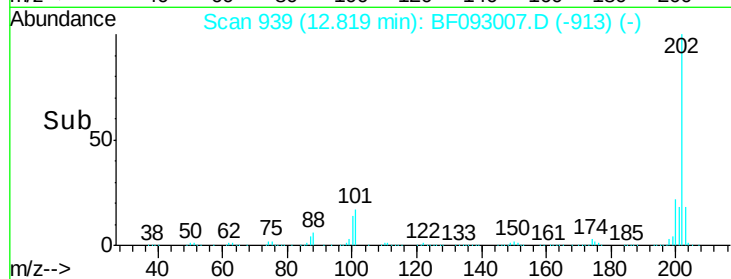
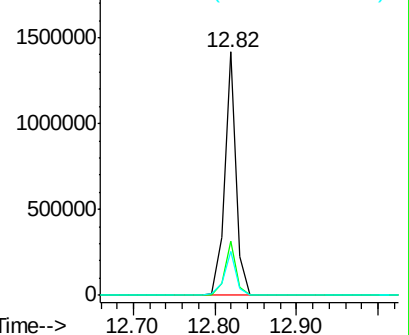
Instrument :
 BNA_F
 ClientSampleId :
 PB97012BS

Tgt Ion: 202 Resp: 1374312

Ion	Ratio	Lower	Upper
202	100		
200	22.1	17.7	26.5
203	18.1	14.7	22.1



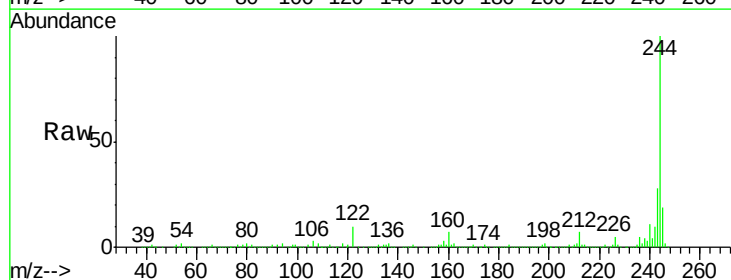
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



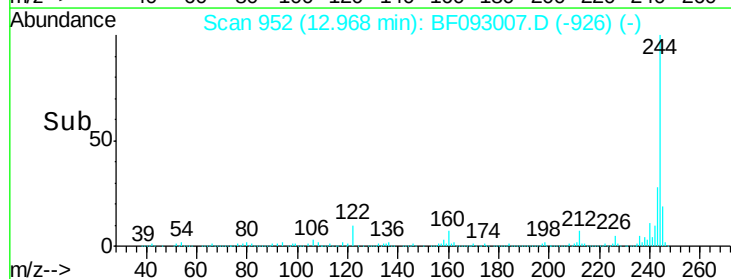
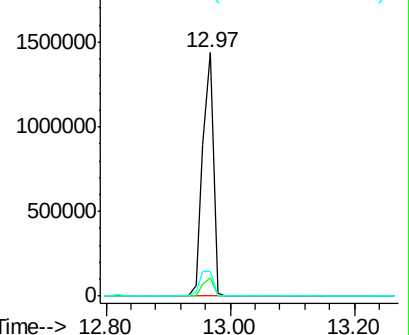
#78
 Terphenyl-d14
 Concen: 71.41 ng
 RT: 12.97 min Scan# 952
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

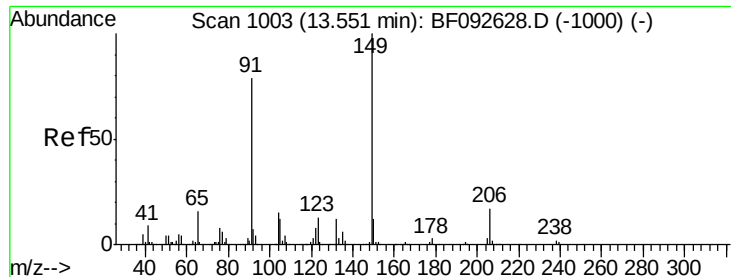
Tgt Ion: 244 Resp: 1671519

Ion	Ratio	Lower	Upper
244	100		
212	7.4	6.2	9.2
122	10.2	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

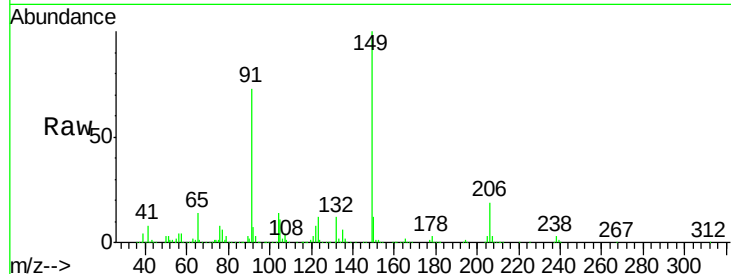




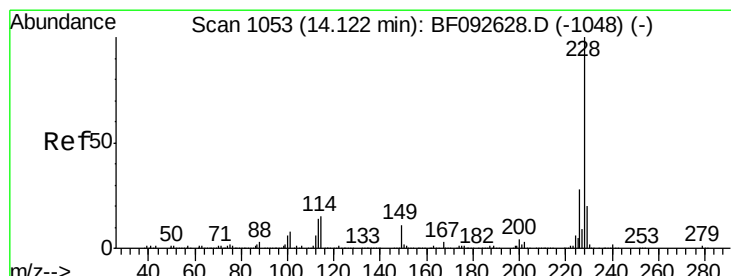
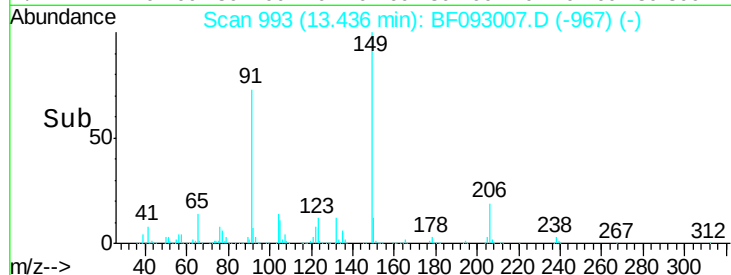
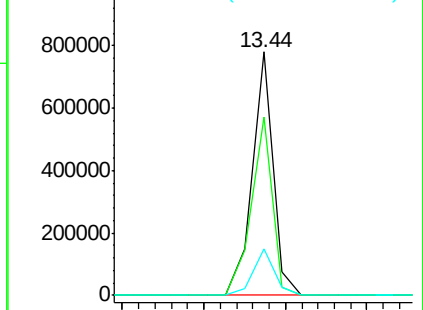
#79
Butylbenzylphthalate
Concen: 41.40 ng
RT: 13.44 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Instrument :
BNA_F
ClientSampleId :
PB97012BS

Tgt Ion:149 Resp: 691967
Ion Ratio Lower Upper
149 100
91 73.0 63.9 95.9
206 19.1 14.6 21.8

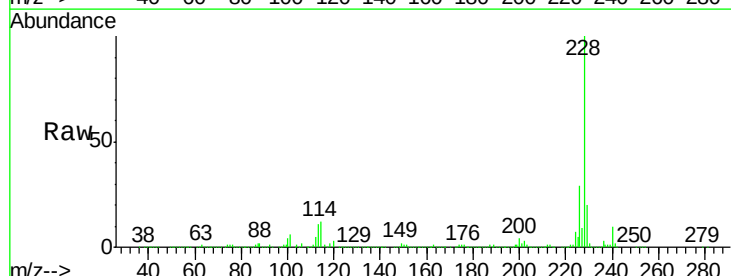


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

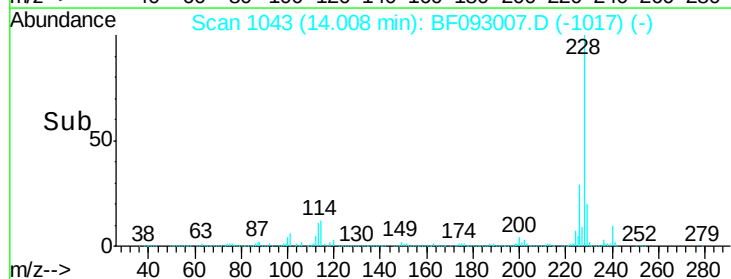
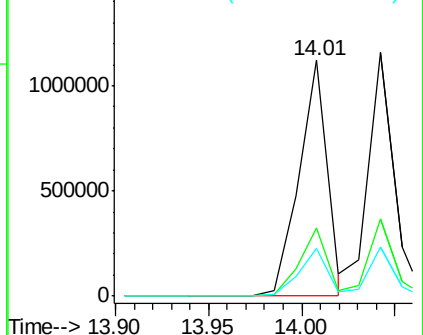


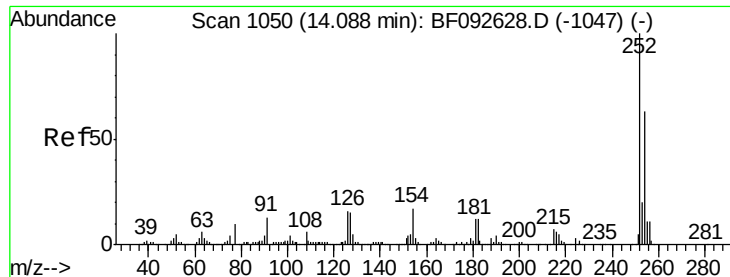
#80
Benzo(a)anthracene
Concen: 35.40 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion:228 Resp: 1190697
Ion Ratio Lower Upper
228 100
226 28.9 22.4 33.6
229 20.2 16.2 24.4



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

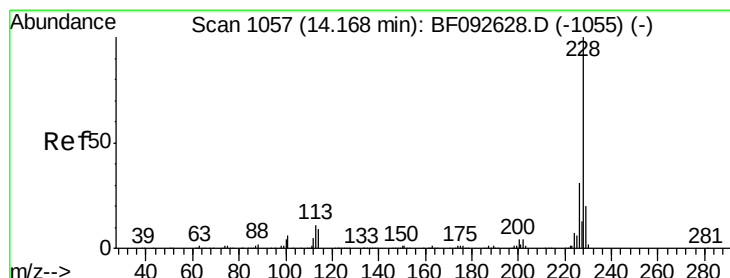
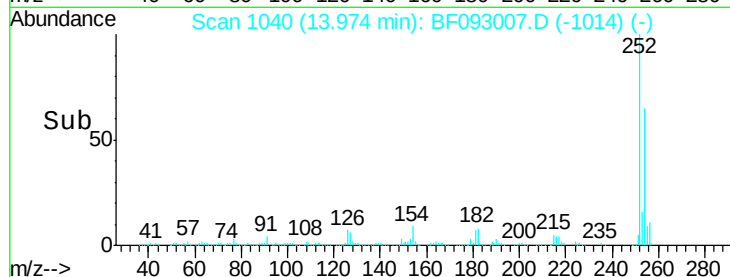
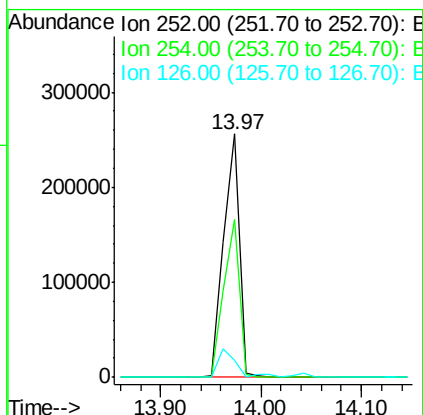
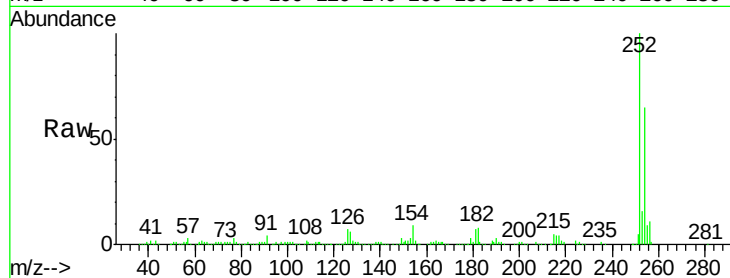




#81
 3,3'-Dichlorobenzidine
 Concen: 23.34 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

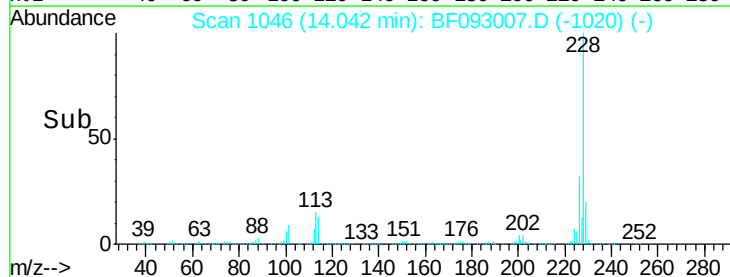
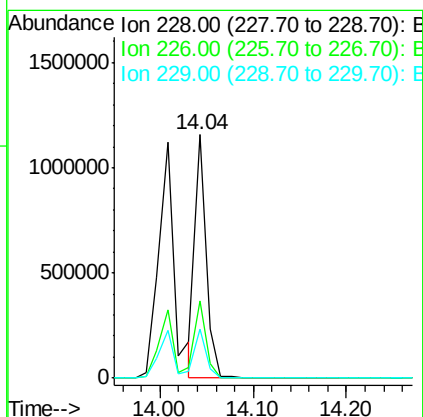
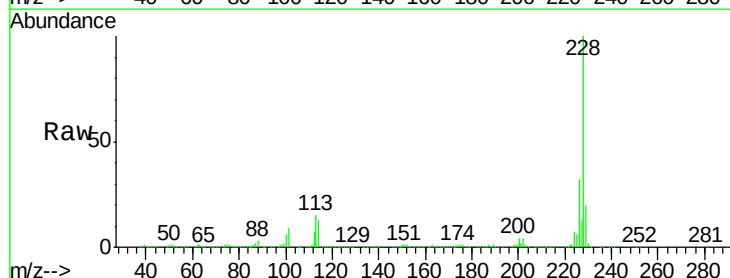
Instrument :
 BNA_F
 ClientSampleId :
 PB97012BS

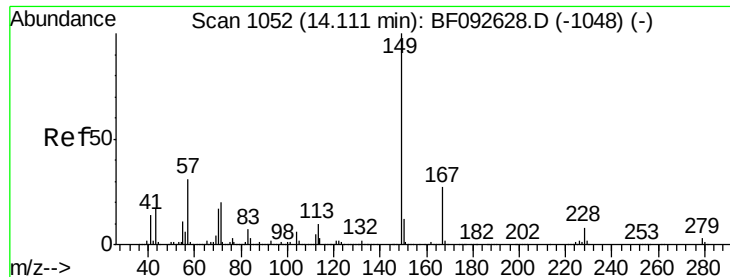
Tgt Ion:252 Resp: 279840
 Ion Ratio Lower Upper
 252 100
 254 64.6 52.3 78.5
 126 7.1 13.6 20.4#



#82
 Chrysene
 Concen: 30.72 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Tgt Ion:228 Resp: 967482
 Ion Ratio Lower Upper
 228 100
 226 32.0 25.4 38.0
 229 20.4 16.2 24.2

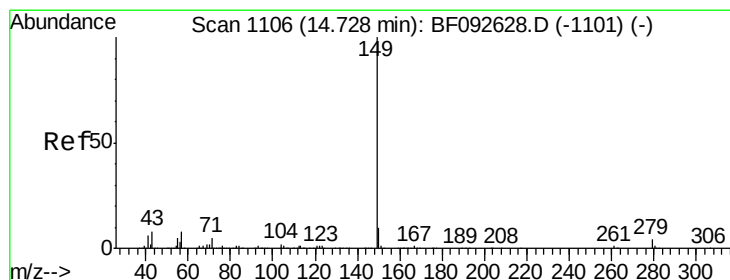
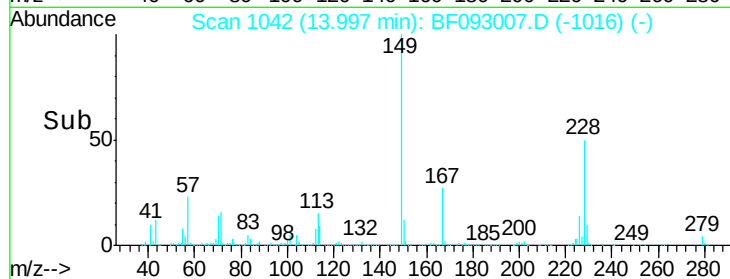
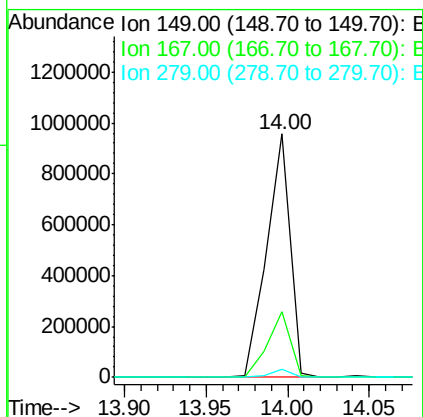
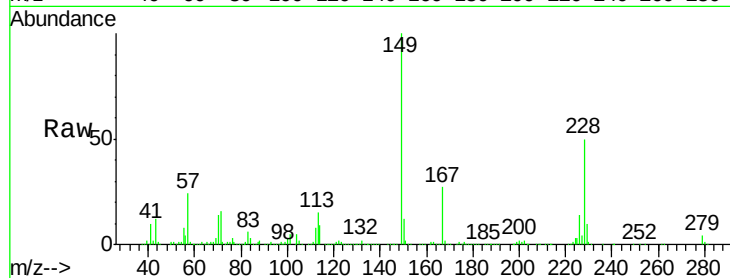




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.27 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

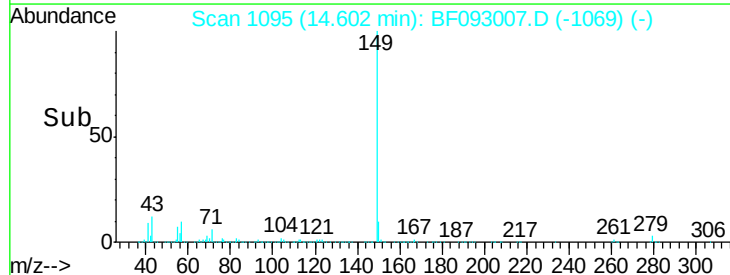
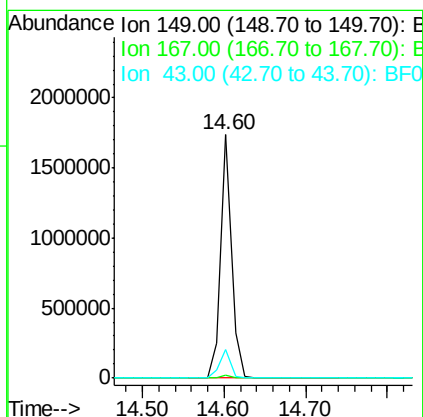
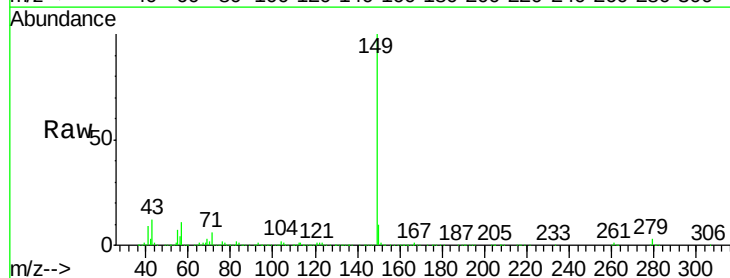
Instrument :
 BNA_F
 ClientSampleId :
 PB97012BS

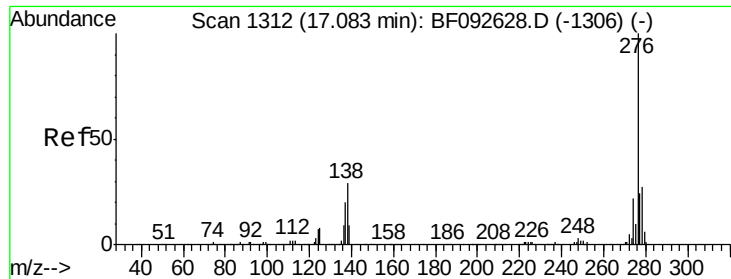
Tgt Ion:149 Resp: 966270
 Ion Ratio Lower Upper
 149 100
 167 27.2 20.2 30.4
 279 3.5 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 42.97 ng
 RT: 14.60 min Scan# 1095
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Tgt Ion:149 Resp: 1599341
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.7 8.9 13.3

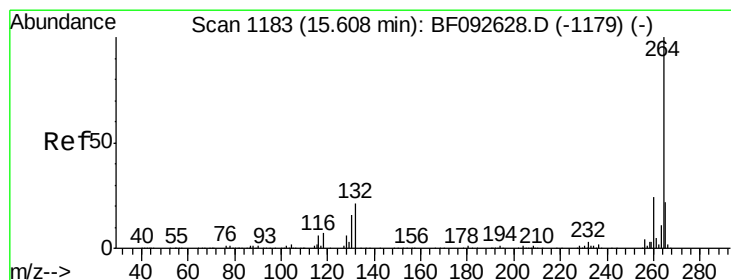
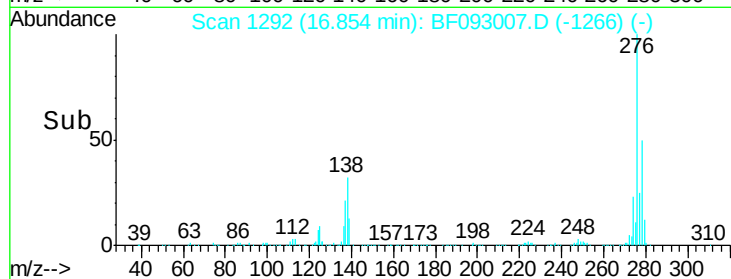
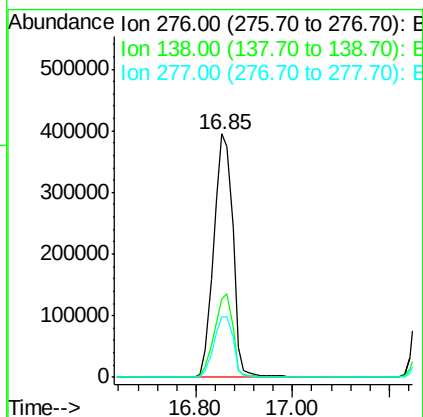
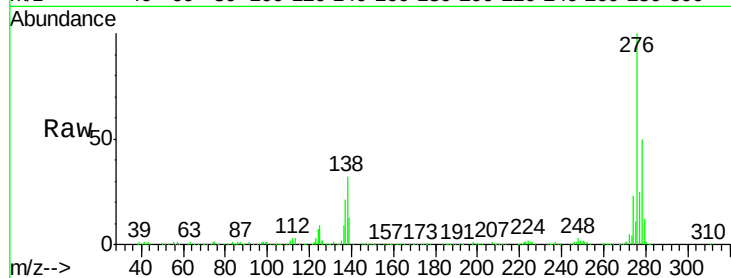




#85
Indeno(1,2,3-cd)pyrene
Concen: 45.14 ng
RT: 16.85 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

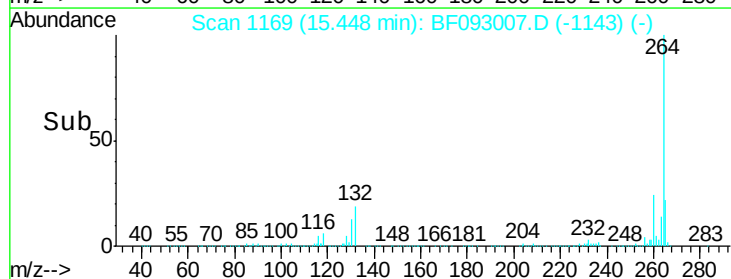
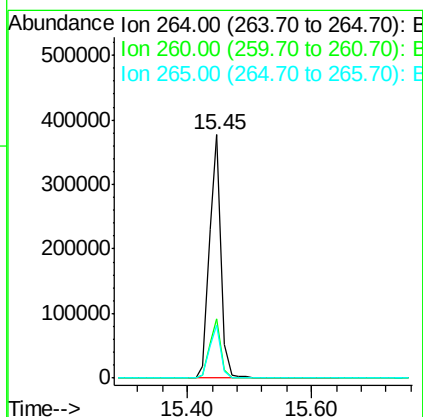
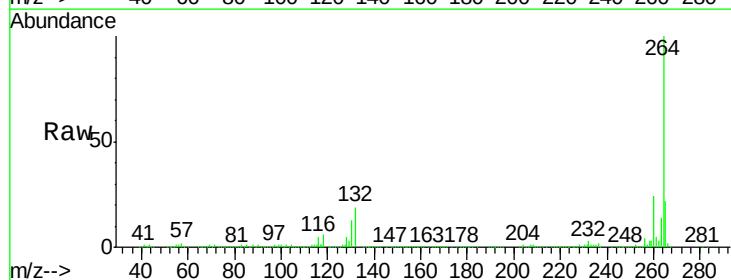
Instrument :
BNA_F
ClientSampleId :
PB97012BS

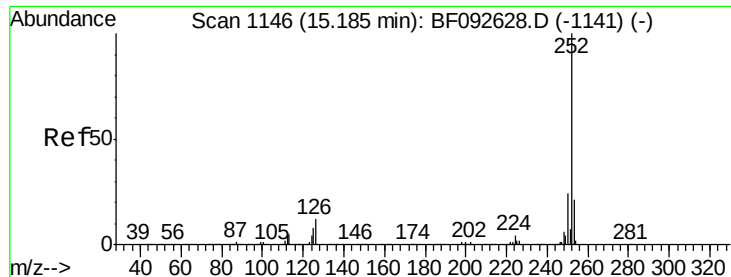
Tgt Ion:276 Resp: 1101161
Ion Ratio Lower Upper
276 100
138 33.3 21.8 32.6#
277 25.4 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.45 min Scan# 1169
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion:264 Resp: 477150
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.8 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 38.47 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

Instrument :

BNA_F

ClientSampleId :

PB97012BS

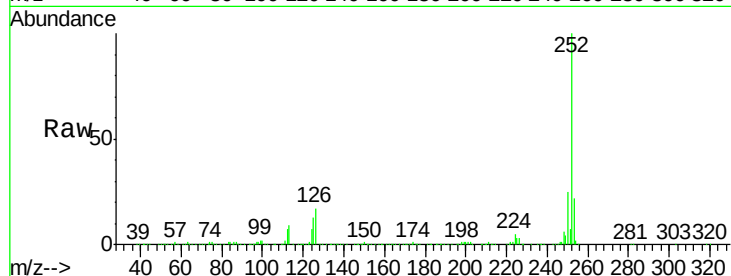
Tgt Ion:252 Resp: 1208182

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.4

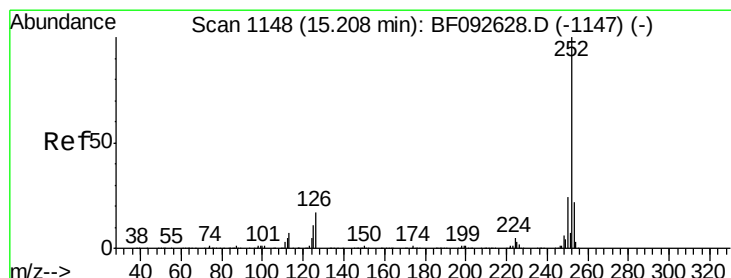
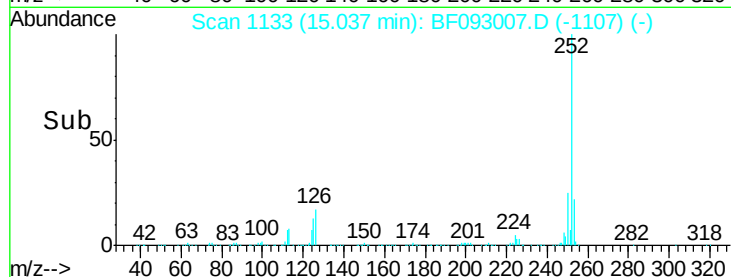
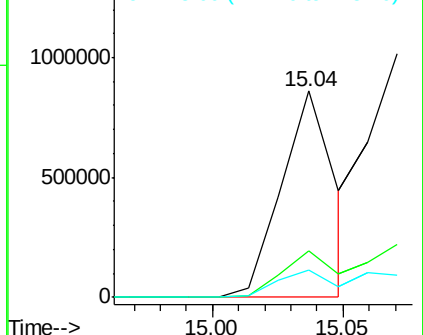
125 13.1 9.8 14.6



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: 44.56 ng

RT: 15.04 min Scan# 1133

Delta R.T. -0.03 min

Lab File: BF093007.D

Acq: 17 Feb 2017 13:46

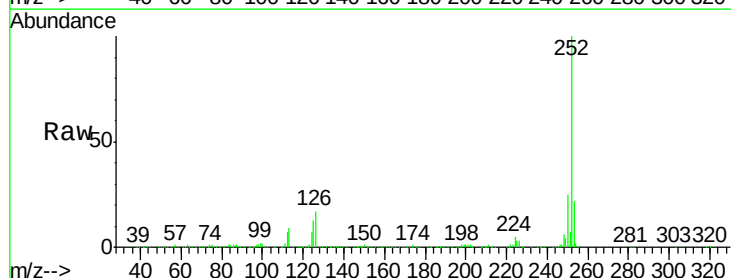
Tgt Ion:252 Resp: 1208182

Ion Ratio Lower Upper

252 100

253 22.4 18.5 27.7

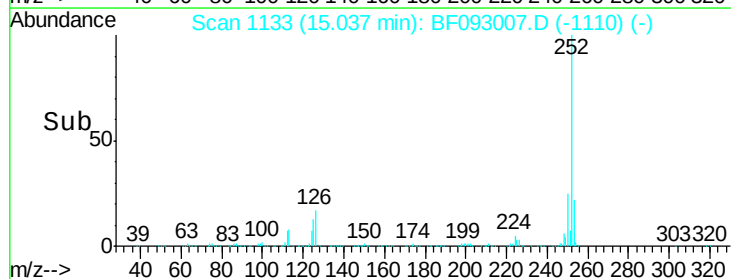
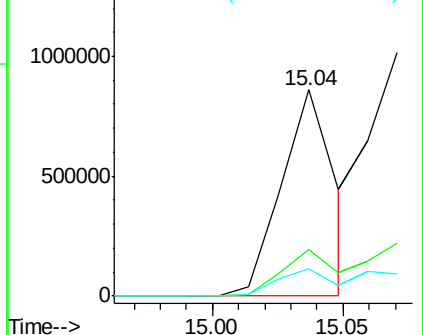
125 13.1 8.9 13.3

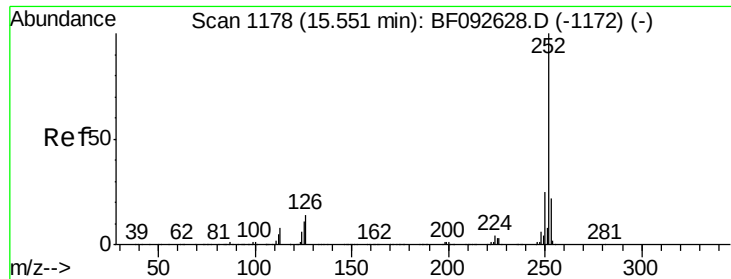


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

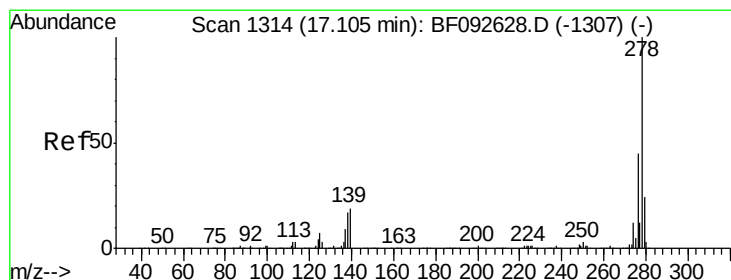
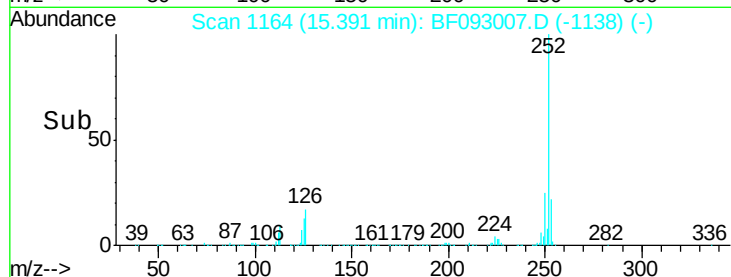
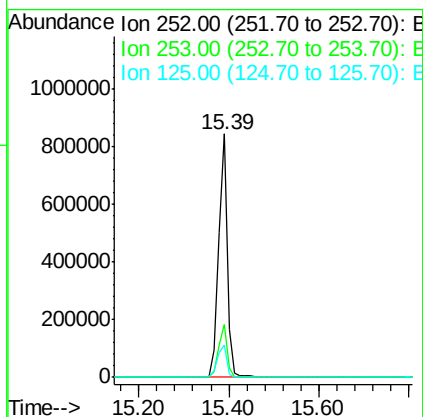
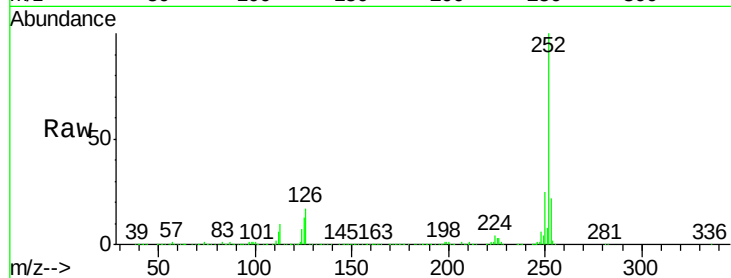




#89
Benzo(a)pyrene
Concen: 41.72 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

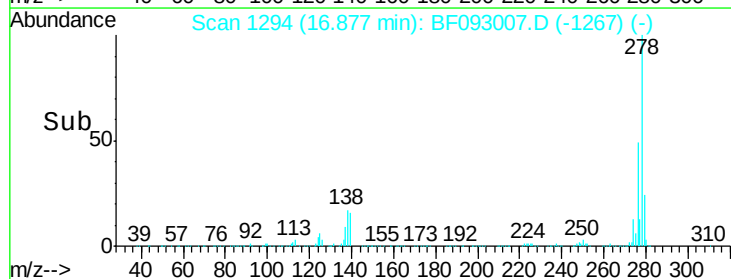
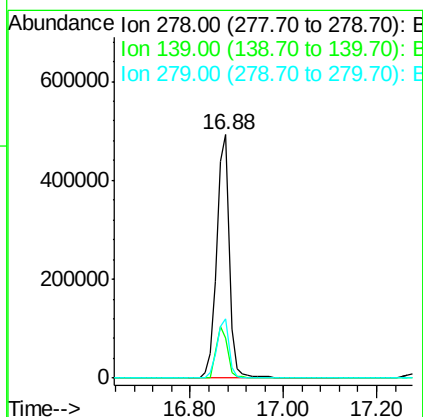
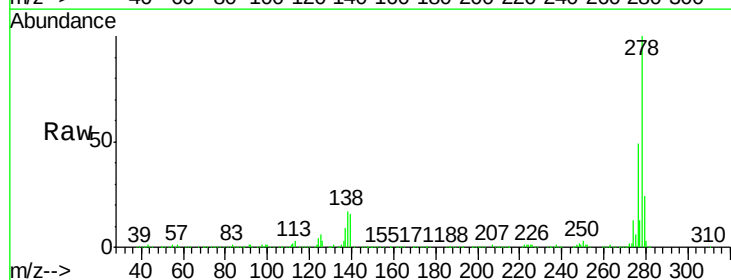
Instrument :
BNA_F
ClientSampled :
PB97012BS

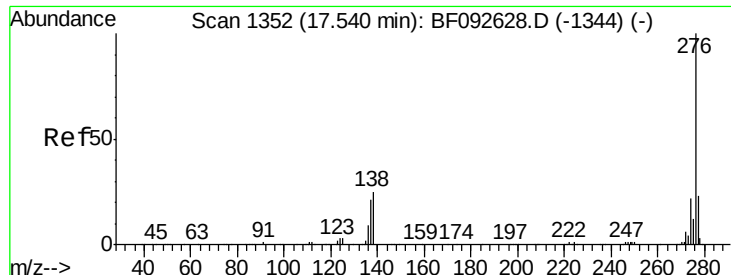
Tgt Ion:252 Resp: 1133357
Ion Ratio Lower Upper
252 100
253 21.9 18.2 27.2
125 13.2 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 42.17 ng
RT: 16.88 min Scan# 1294
Delta R.T. 0.01 min
Lab File: BF093007.D
Acq: 17 Feb 2017 13:46

Tgt Ion:278 Resp: 925991
Ion Ratio Lower Upper
278 100
139 16.5 14.8 22.2
279 24.2 19.8 29.6

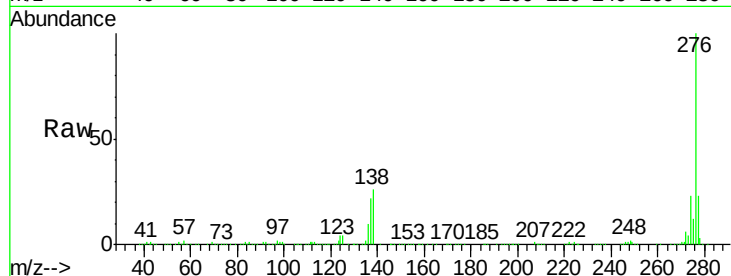




#91
 Benzo(g,h,i)perylene
 Concen: 41.11 ng
 RT: 17.29 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: BF093007.D
 Acq: 17 Feb 2017 13:46

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.2	28.8
138	25.6	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

