

Data File : BF093079.D
Acq On : 22 Feb 2017 17:01
Operator : SJ/MA
Sample : PB97097BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97097BS

Quant Time: Feb 22 23:55:23 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	157544	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	629452	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	295700	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	565567	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	522645	20.00	ng	-0.02
86) Perylene-d12	15.41	264	413238	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1266854	137.96	ng	0.00
7) Phenol-d6	6.49	99	1567452	132.66	ng	0.00
23) Nitrobenzene-d5	7.41	82	1020180	90.25	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	339045	158.53	ng	-0.01
44) 2-Fluorobiphenyl	9.20	172	1621475	99.34	ng	-0.02
78) Terphenyl-d14	12.94	244	1532133	68.88	ng	-0.02

Target Compounds						Qvalue
2) 1,4-Dioxane	2.49	88	194939	39.29	ng	# 85
3) Pyridine	3.20	79	480399	38.07	ng	91
4) n-Nitrosodimethylamine	3.16	42	260913	44.04	ng	89
6) Aniline	6.50	93	303477	18.83	ng	# 24
8) 2-Chlorophenol	6.62	128	454184	44.83	ng	98
9) Benzaldehyde	6.38	77	226097	26.71	ng	93
10) Phenol	6.50	94	661375	47.84	ng	80
11) bis(2-Chloroethyl)ether	6.58	93	461228	41.80	ng	95
12) 1,3-Dichlorobenzene	7.01	146	458595	38.65	ng	98
13) 1,4-Dichlorobenzene	6.85	146	503382	41.92	ng	98
14) 1,2-Dichlorobenzene	6.85	146	503382	43.83	ng	96
15) Benzyl Alcohol	6.99	79	384166	43.92	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	791604	41.30	ng	99
17) 2-Methylphenol	7.10	107	395363	45.49	ng	97
18) Hexachloroethane	7.34	117	165322	40.33	ng	93
19) n-Nitroso-di-n-propylamine	7.25	70	326602	43.42	ng	94
20) 3+4-Methylphenols	7.26	107	468630	45.10	ng	# 80
22) Acetophenone	7.25	105	608942	42.37	ng	# 94
24) Nitrobenzene	7.42	77	481149	41.45	ng	96
25) Isophorone	7.66	82	915488	43.46	ng	96
26) 2-Nitrophenol	7.74	139	269179	48.79	ng	92
27) 2,4-Dimethylphenol	7.79	122	441532	45.57	ng	94
28) bis(2-Chloroethoxy)methane	7.88	93	614257	44.03	ng	99
29) 2,4-Dichlorophenol	7.98	162	398225	44.07	ng	89
30) 1,2,4-Trichlorobenzene	8.06	180	410375	42.14	ng	95
31) Naphthalene	8.14	128	1290174	40.43	ng	99
32) Benzoic acid	7.93	122	205040	38.94	ng	96
33) 4-Chloroaniline	8.20	127	116696	9.33	ng	95
34) Hexachlorobutadiene	8.26	225	206966	38.63	ng	99
35) Caprolactam	8.58	113	93663	32.95	ng	# 67
36) 4-Chloro-3-methylphenol	8.69	107	447385	47.49	ng	94
37) 2-Methylnaphthalene	8.83	142	876531	42.78	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	378220	45.57	ng	99
40) Hexachlorocyclopentadiene	8.99	237	353484	94.39	ng	99

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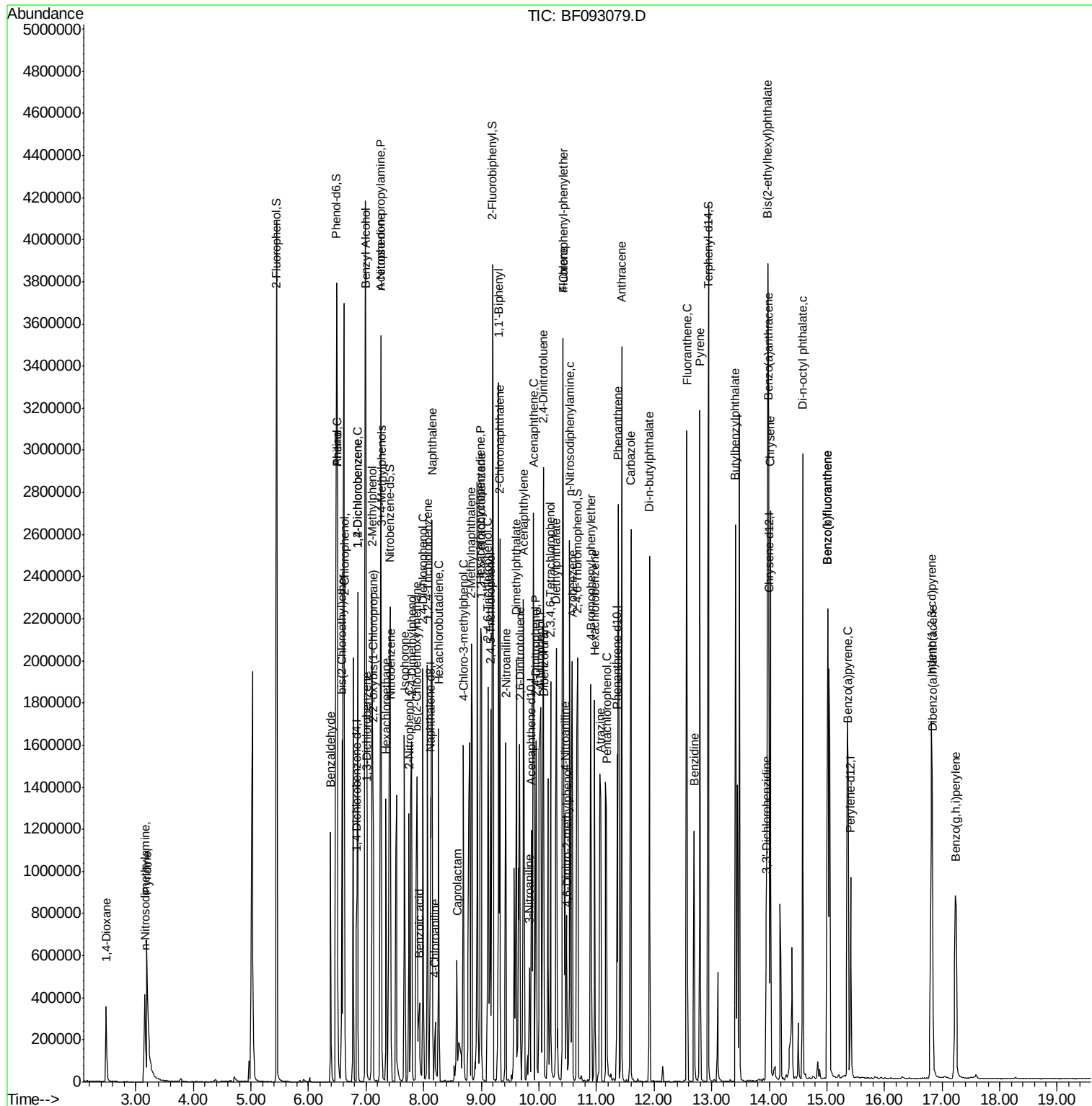
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	270867	49.66	ng	91
43) 2,4,5-Trichlorophenol	9.16	196	282646	47.30	ng	# 89
45) 1,1'-Biphenyl	9.30	154	1045712	48.84	ng	98
46) 2-Chloronaphthalene	9.32	162	801510	47.85	ng	95
47) 2-Nitroaniline	9.42	65	288677	51.26	ng	97
48) Acenaphthylene	9.73	152	1266604	43.77	ng	98
49) Dimethylphthalate	9.61	163	1038461	52.14	ng	100
50) 2,6-Dinitrotoluene	9.66	165	202026	46.97	ng	# 76
51) Acenaphthene	9.90	154	754238	43.60	ng	96
52) 3-Nitroaniline	9.84	138	94959	19.29	ng	85
53) 2,4-Dinitrophenol	9.95	184	226239	102.01	ng	# 80
54) Dibenzofuran	10.09	168	1130584	48.86	ng	# 88
55) 4-Nitrophenol	10.02	139	341459	96.31	ng	# 64
56) 2,4-Dinitrotoluene	10.08	165	297935	52.03	ng	91
57) Fluorene	10.42	166	807639	45.37	ng	97
58) 2,3,4,6-Tetrachlorophenol	10.20	232	222206	55.74	ng	98
59) Diethylphthalate	10.30	149	993006	52.90	ng	96
60) 4-Chlorophenyl-phenylether	10.42	204	403681	47.20	ng	# 76
61) 4-Nitroaniline	10.45	138	228513	45.32	ng	93
62) Azobenzene	10.58	77	1074618	55.42	ng	89
64) 4,6-Dinitro-2-methylphenol	10.49	198	162357	47.21	ng	92
65) n-Nitrosodiphenylamine	10.53	169	733587	40.60	ng	99
66) 4-Bromophenyl-phenylether	10.90	248	239609	40.55	ng	93
67) Hexachlorobenzene	10.97	284	229064	39.23	ng	# 84
68) Atrazine	11.07	200	276048	47.61	ng	93
69) Pentachlorophenol	11.17	266	260696	85.90	ng	97
70) Phenanthrene	11.38	178	1238486	38.22	ng	99
71) Anthracene	11.44	178	1367869	42.04	ng	99
72) Carbazole	11.60	167	1330746	42.78	ng	98
73) Di-n-butylphthalate	11.92	149	1381967	41.08	ng	98
74) Fluoranthene	12.57	202	1233036	36.89	ng	99
76) Benzidine	12.69	184	466226	20.93	ng	97
77) Pyrene	12.80	202	1292307	33.04	ng	99
79) Butylbenzylphthalate	13.41	149	618683	38.95	ng	96
80) Benzo(a)anthracene	13.98	228	1153681	36.09	ng	99
81) 3,3'-Dichlorobenzidine	13.95	252	207055	18.17	ng	# 95
82) Chrysene	14.02	228	983808	32.87	ng	99
83) Bis(2-ethylhexyl)phthalate	13.97	149	868632	39.99	ng	# 97
84) Di-n-octyl phthalate	14.58	149	1486242	42.02	ng	100
85) Indeno(1,2,3-cd)pyrene	16.82	276	880721	37.99	ng	# 94
87) Benzo(b)fluoranthene	15.01	252	1116049	41.03	ng	99
88) Benzo(k)fluoranthene	15.01	252	1116049	47.52	ng	98
89) Benzo(a)pyrene	15.37	252	1010948	42.97	ng	# 96
90) Dibenzo(a,h)anthracene	16.83	278	744387	39.15	ng	97
91) Benzo(g,h,i)perylene	17.24	276	734858	38.25	ng	# 95

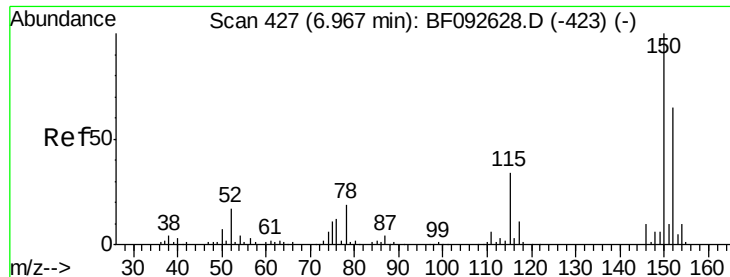
(#) = qualifier out of range (m) = manual integration (+) = signals summed

ALS Vial : 7 Sample Multiplier: 1

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

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PB97097BS

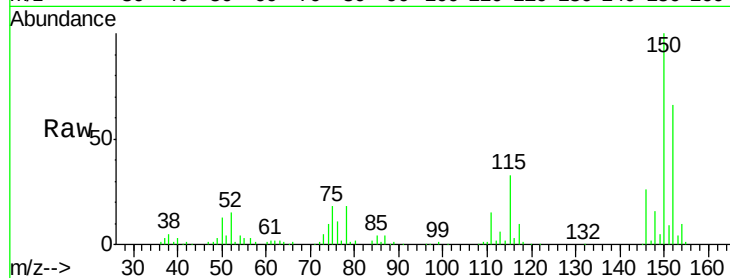
Tgt Ion:152 Resp: 157544

Ion Ratio Lower Upper

152 100

150 152.7 124.9 187.3

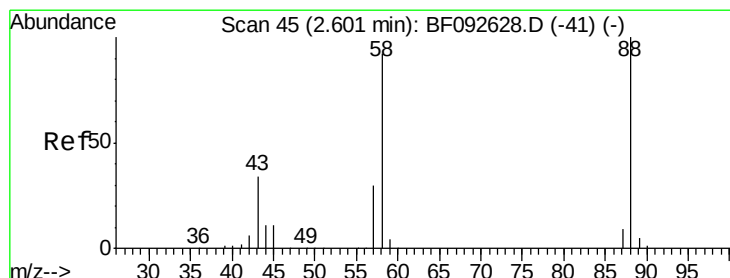
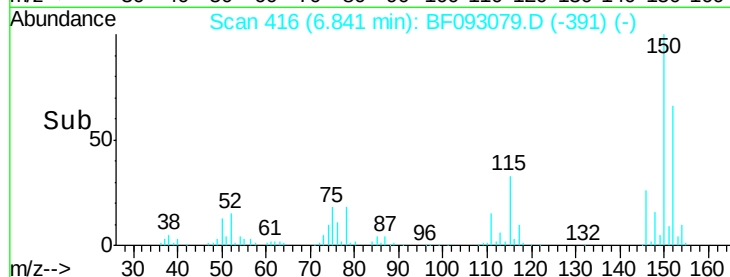
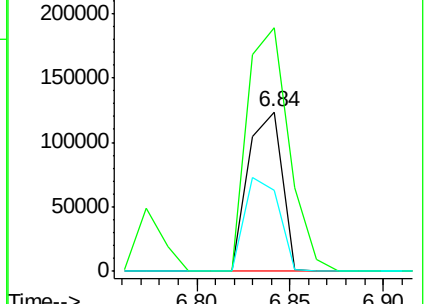
115 50.6 46.0 69.0



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: 39.29 ng

RT: 2.49 min Scan# 35

Delta R.T. 0.06 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

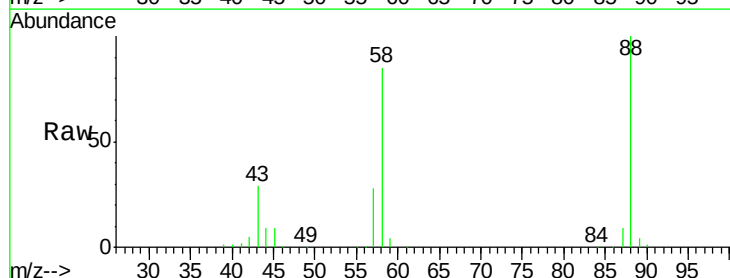
Tgt Ion: 88 Resp: 194939

Ion Ratio Lower Upper

88 100

58 88.0 57.8 86.8#

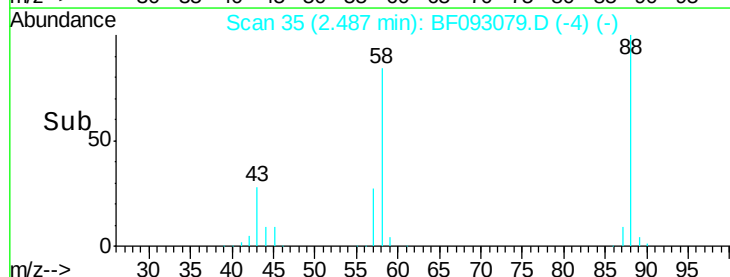
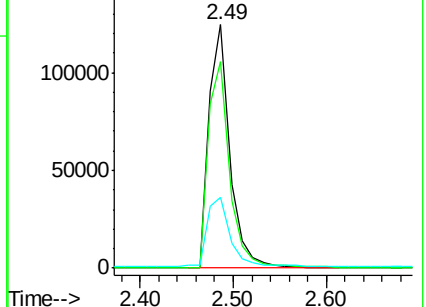
43 31.2 22.3 33.5

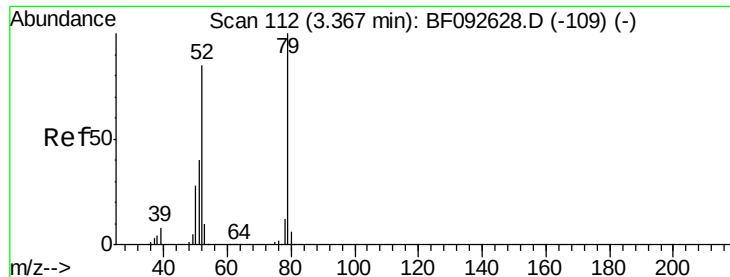


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 38.07 ng

RT: 3.20 min Scan# 97

Delta R.T. 0.05 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

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ClientSampleId :

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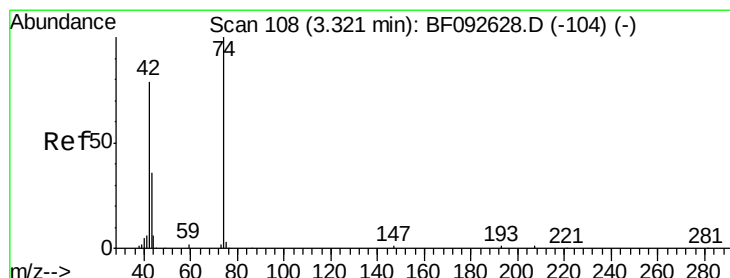
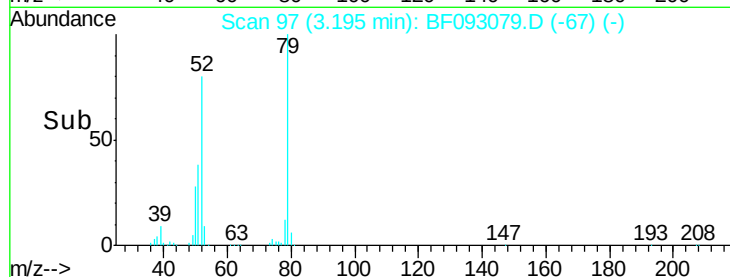
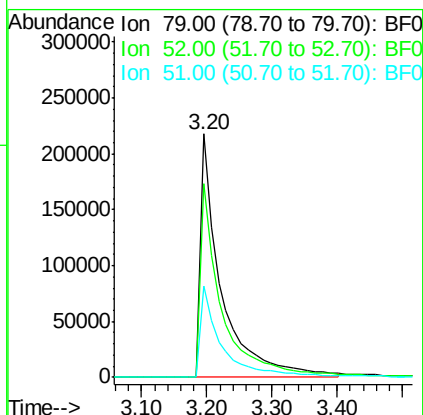
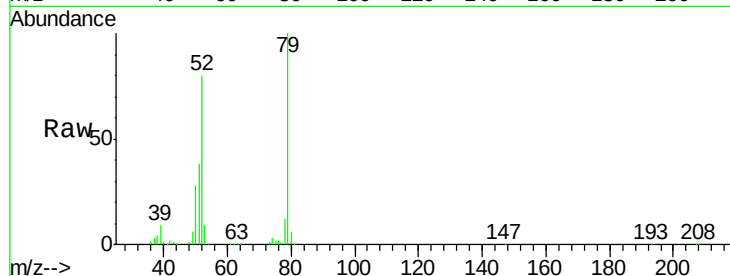
Tgt Ion: 79 Resp: 480399

Ion Ratio Lower Upper

79 100

52 79.5 57.1 85.7

51 37.7 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 44.04 ng

RT: 3.16 min Scan# 94

Delta R.T. 0.06 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

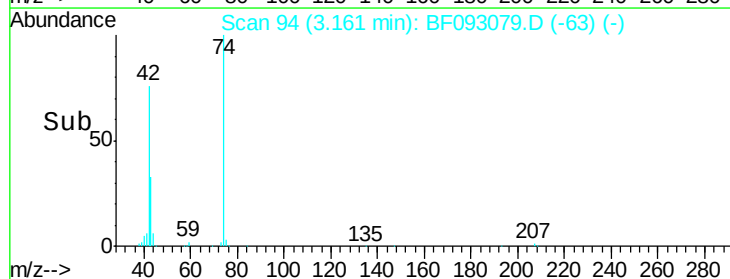
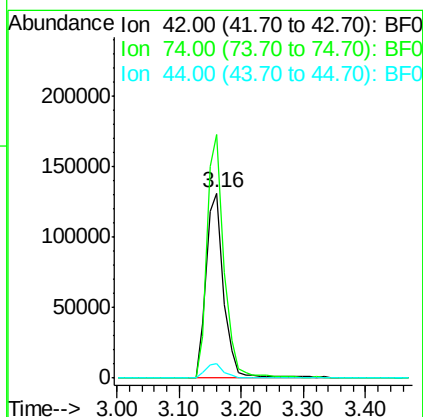
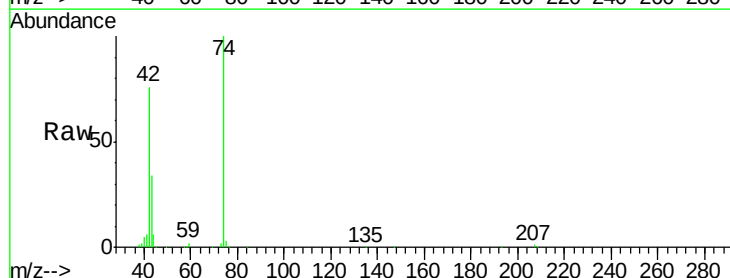
Tgt Ion: 42 Resp: 260913

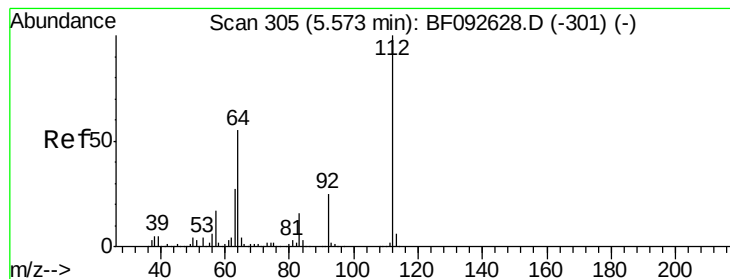
Ion Ratio Lower Upper

42 100

74 131.7 117.0 175.4

44 7.6 5.5 8.3





#5

2-Fluorophenol

Concen: 137.96 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

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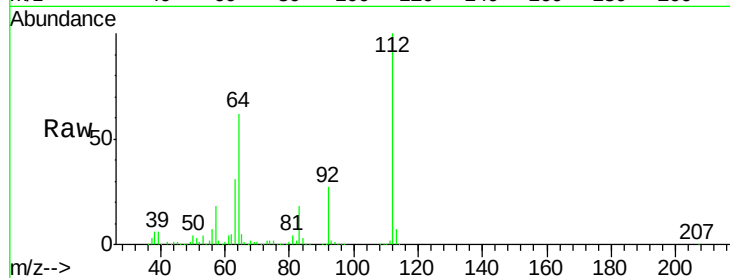
Tgt Ion:112 Resp: 1266854

Ion Ratio Lower Upper

112 100

64 62.0 46.1 69.1

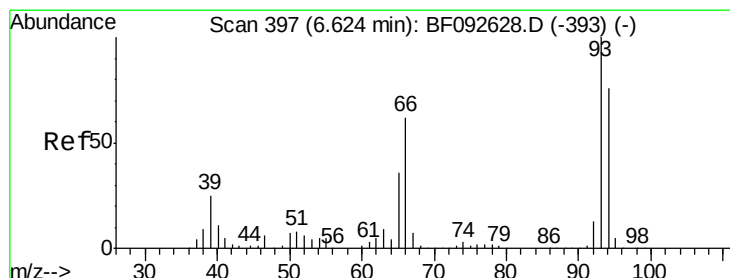
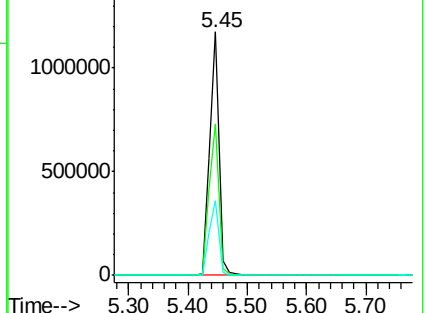
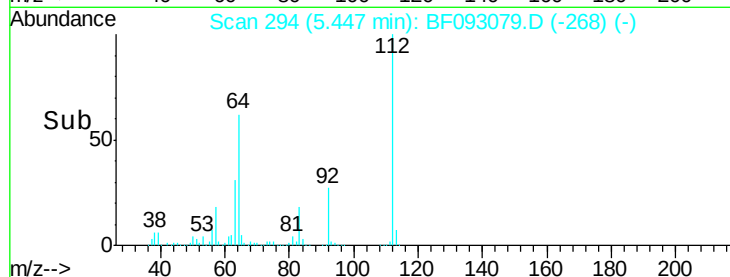
63 30.9 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.83 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

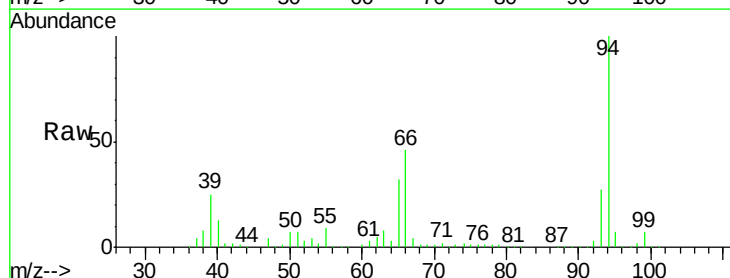
Tgt Ion: 93 Resp: 303477

Ion Ratio Lower Upper

93 100

66 169.7 76.2 114.2#

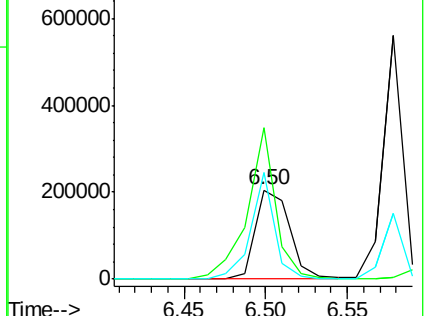
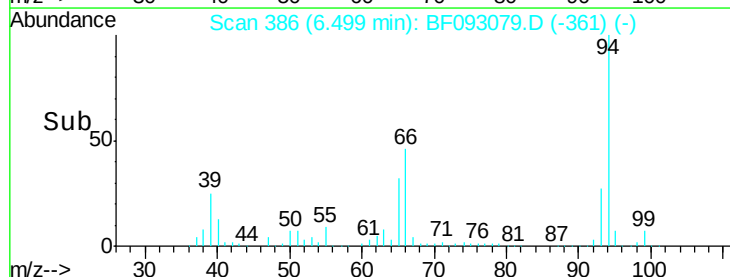
65 119.3 49.3 73.9#

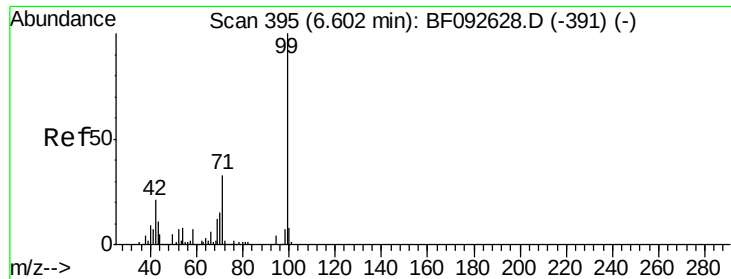


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 132.66 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

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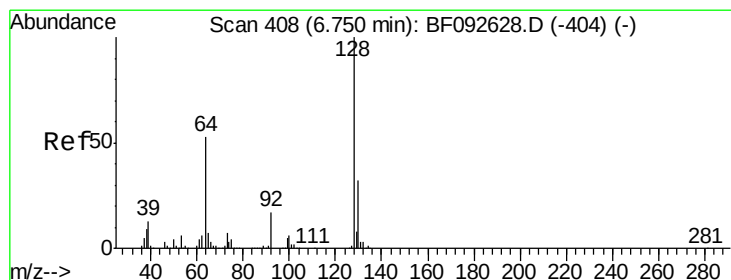
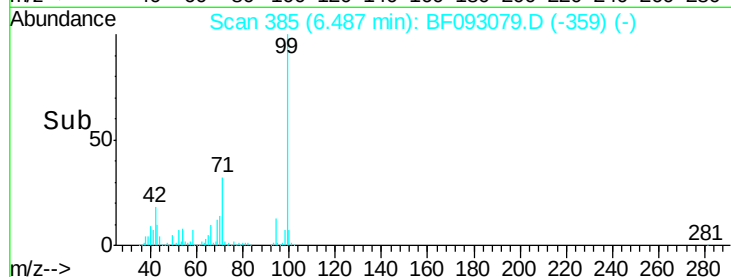
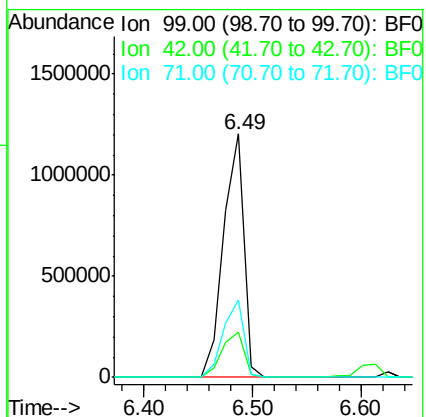
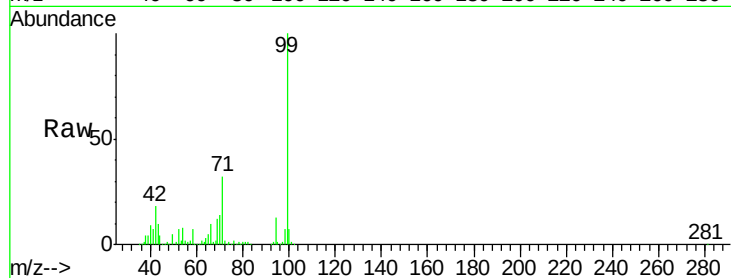
Tgt Ion: 99 Resp: 1567452

Ion	Ratio	Lower	Upper
99	100		
42	18.4	15.6	23.4
71	31.6	27.5	41.3

99 100

42 18.4 15.6 23.4

71 31.6 27.5 41.3



#8

2-Chlorophenol

Concen: 44.83 ng

RT: 6.62 min Scan# 397

Delta R.T. -0.01 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

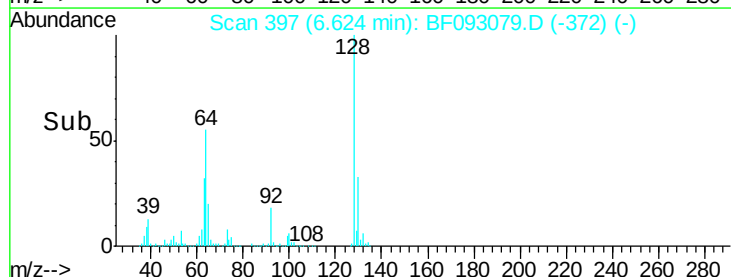
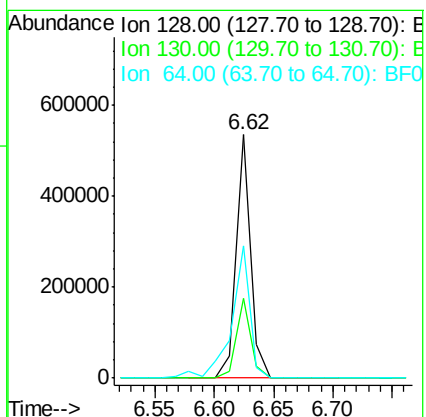
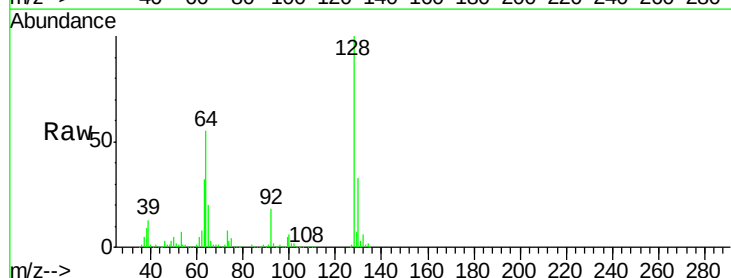
Tgt Ion: 128 Resp: 454184

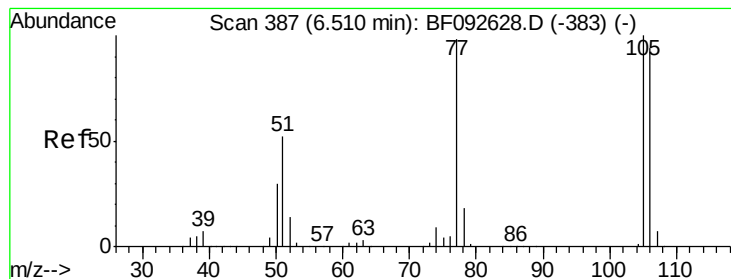
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.3	52.3
64	54.5	32.2	72.2

128 100

130 32.6 12.3 52.3

64 54.5 32.2 72.2





#9

Benzaldehyde

Concen: 26.71 ng

RT: 6.38 min Scan# 376

Delta R.T. -0.01 min

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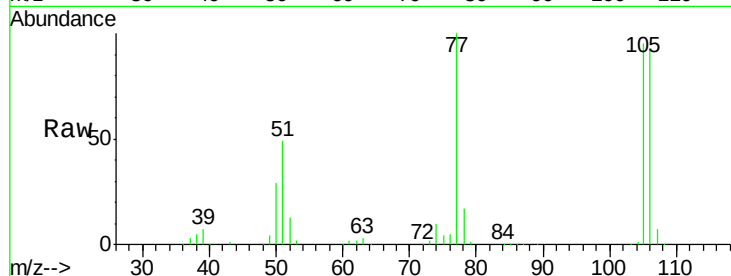
Tgt Ion: 77 Resp: 226097

Ion Ratio Lower Upper

77 100

105 95.4 83.9 123.9

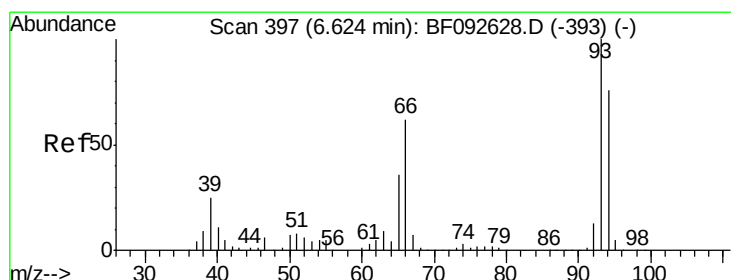
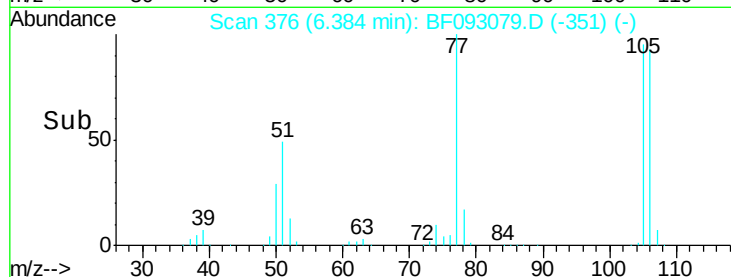
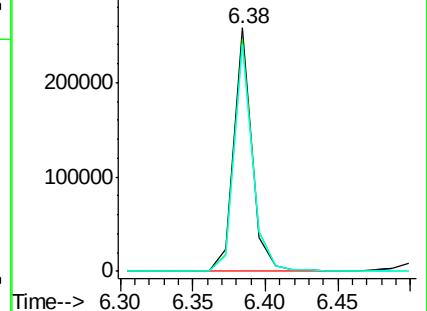
106 93.0 77.6 117.6



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: 47.84 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

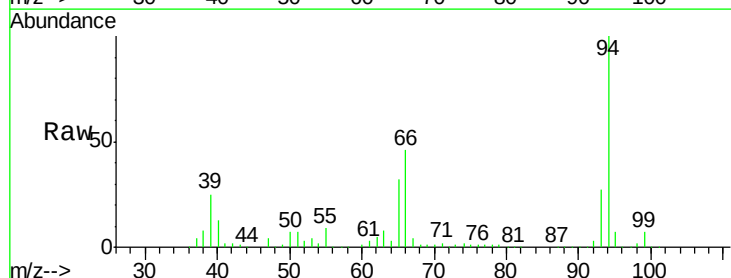
Tgt Ion: 94 Resp: 661375

Ion Ratio Lower Upper

94 100

65 32.4 21.4 61.4

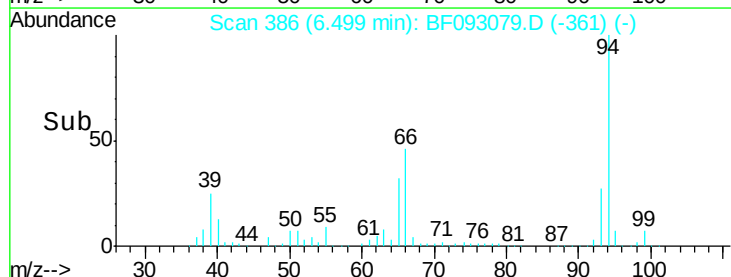
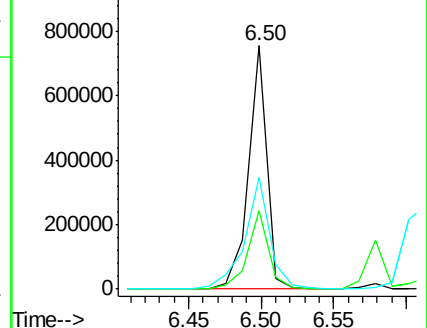
66 46.1 44.0 84.0

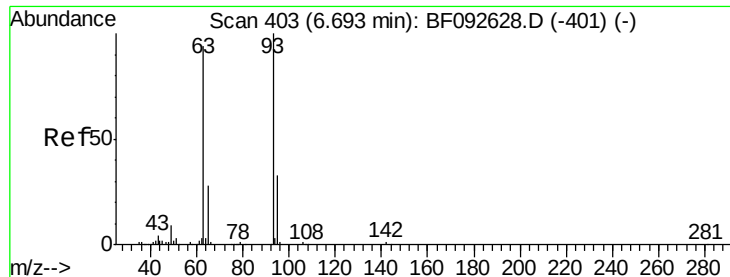


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

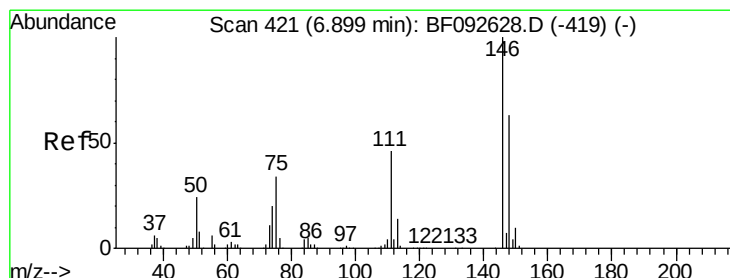
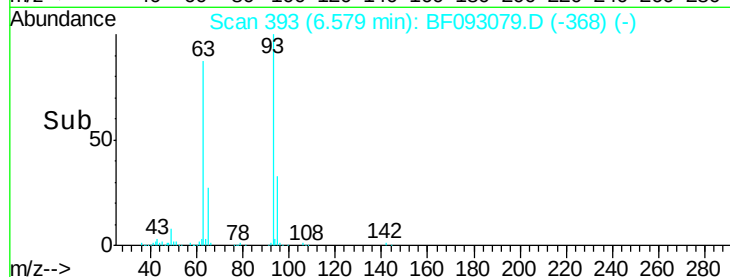
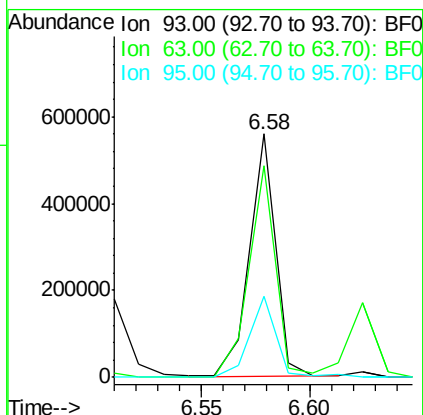
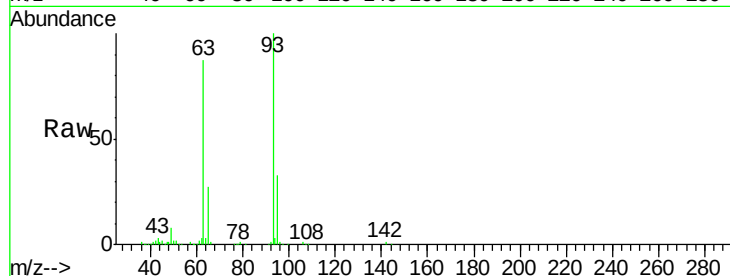




#11
bis(2-Chloroethyl)ether
Concen: 41.80 ng
RT: 6.58 min Scan# 393
Delta R.T. -0.01 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

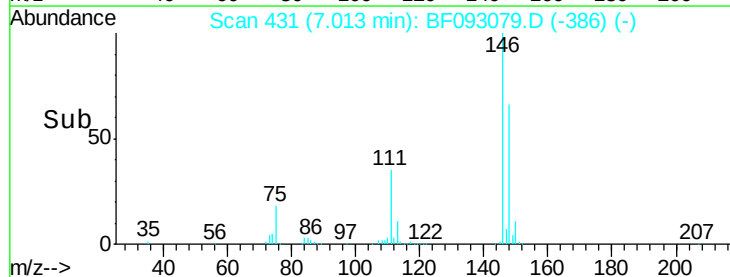
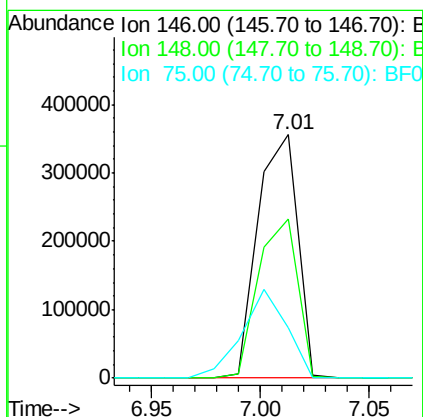
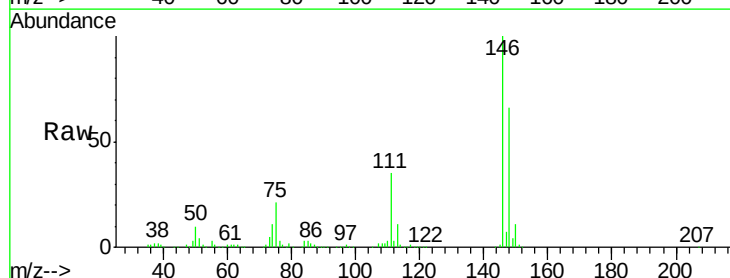
Instrument :
BNA_F
ClientSampleId :
PB97097BS

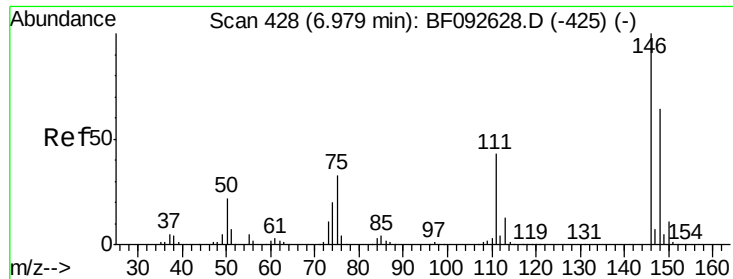
Tgt Ion: 93 Resp: 461228
Ion Ratio Lower Upper
93 100
63 86.7 60.4 100.4
95 33.2 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 38.65 ng
RT: 7.01 min Scan# 431
Delta R.T. 0.22 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion: 146 Resp: 458595
Ion Ratio Lower Upper
146 100
148 65.5 53.4 80.0
75 20.7 18.5 27.7

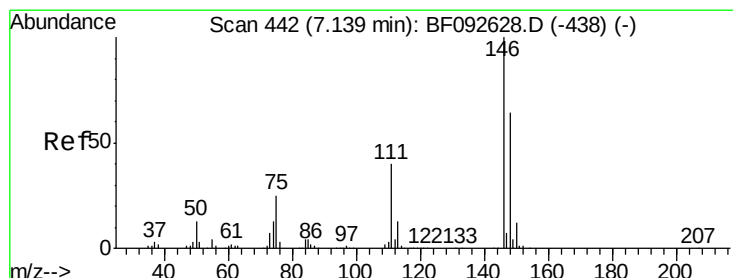
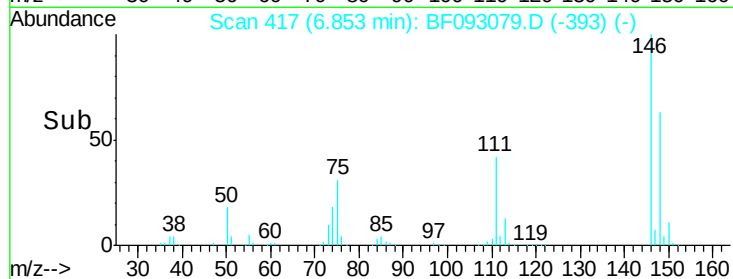
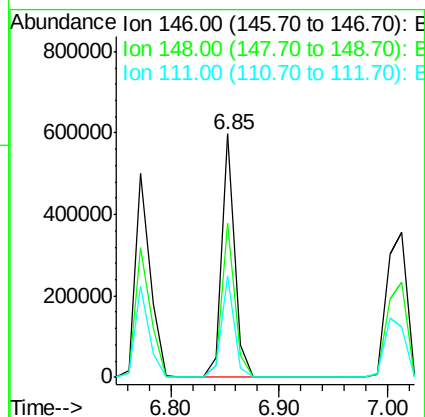
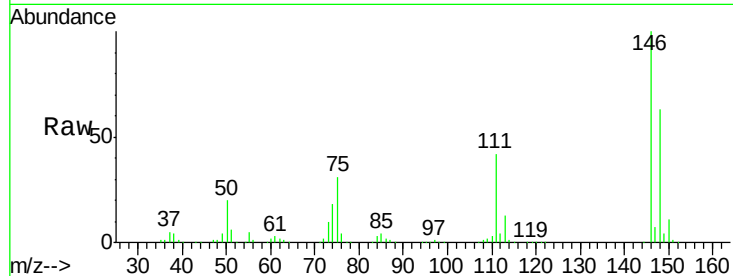




#13
 1,4-Dichlorobenzene
 Concen: 41.92 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.02 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

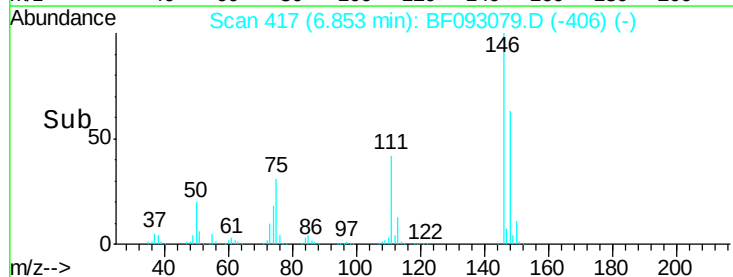
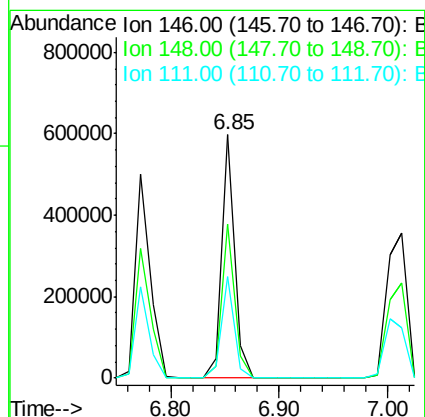
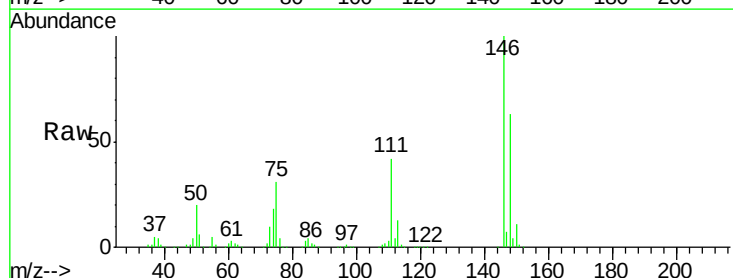
Instrument :
 BNA_F
 ClientSampleId :
 PB97097BS

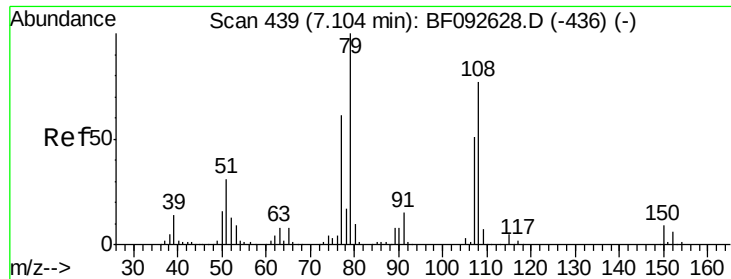
Tgt Ion:146 Resp: 503382
 Ion Ratio Lower Upper
 146 100
 148 63.4 50.6 76.0
 111 41.6 36.2 54.4



#14
 1,2-Dichlorobenzene
 Concen: 43.83 ng
 RT: 6.85 min Scan# 417
 Delta R.T. -0.17 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Tgt Ion:146 Resp: 503382
 Ion Ratio Lower Upper
 146 100
 148 63.4 52.2 78.2
 111 41.6 36.2 54.2

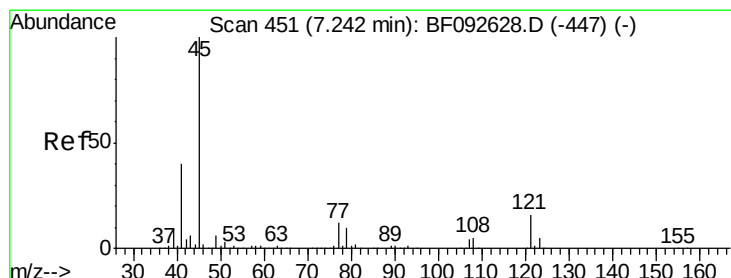
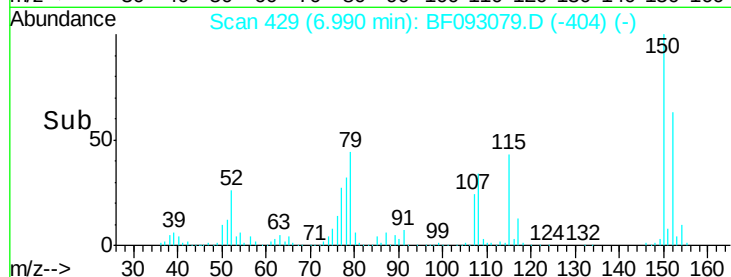
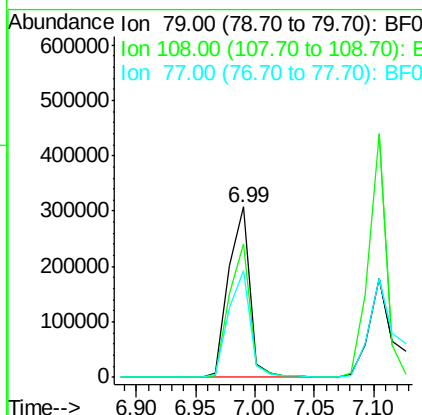
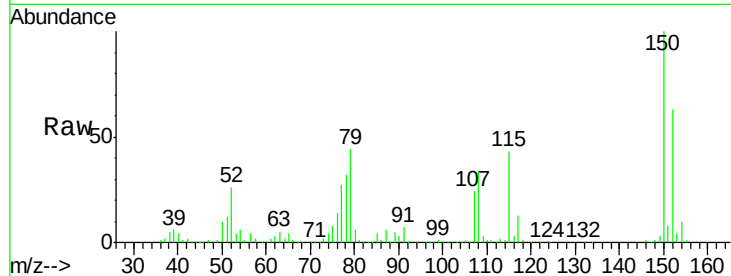




#15
Benzyl Alcohol
Concen: 43.92 ng
RT: 6.99 min Scan# 429
Delta R.T. -0.01 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

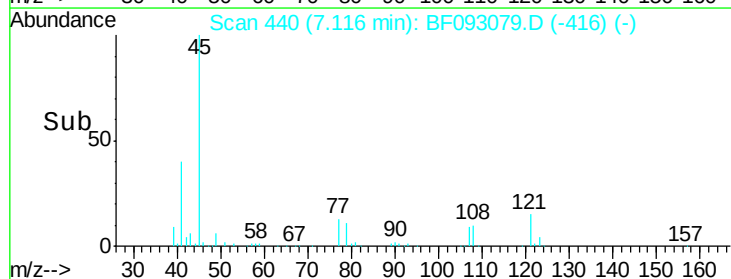
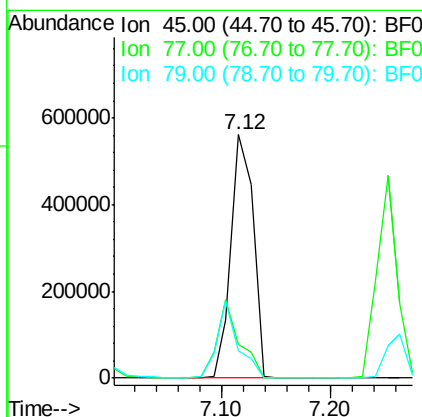
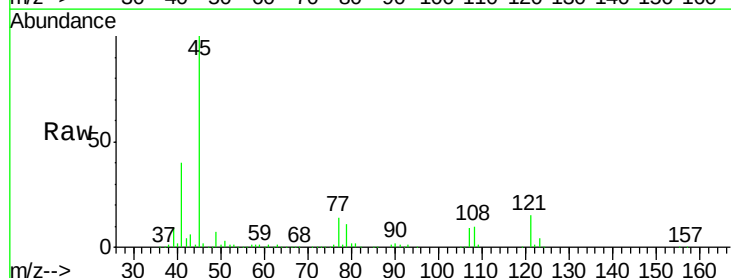
Instrument :
BNA_F
ClientSampleId :
PB97097BS

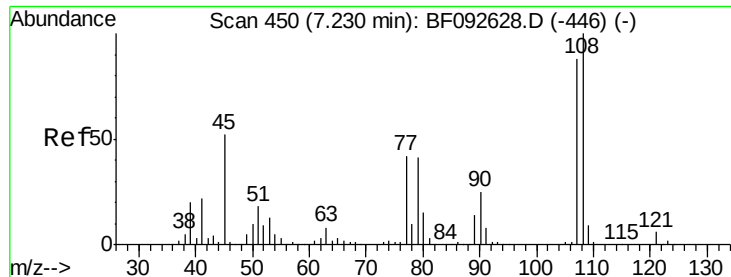
Tgt Ion: 79 Resp: 384166
Ion Ratio Lower Upper
79 100
108 78.3 61.4 92.0
77 62.7 50.9 76.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.30 ng
RT: 7.12 min Scan# 440
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion: 45 Resp: 791604
Ion Ratio Lower Upper
45 100
77 14.1 0.0 34.6
79 11.5 0.0 31.2

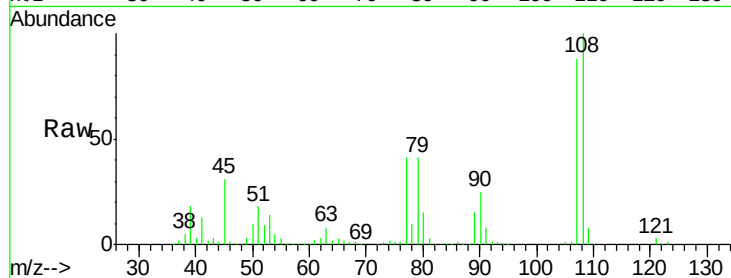




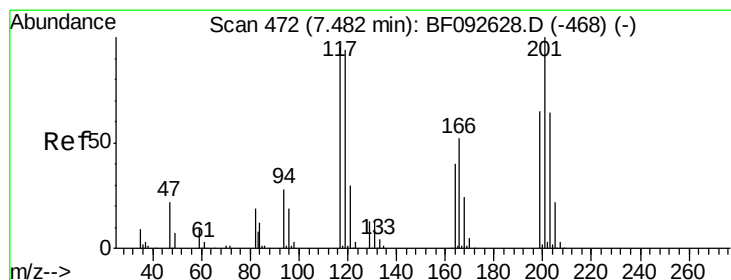
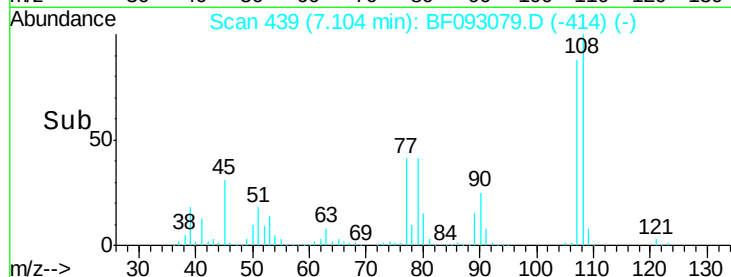
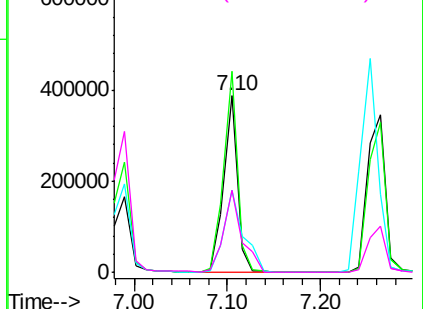
#17
2-Methylphenol
Concen: 45.49 ng
RT: 7.10 min Scan# 439
Delta R.T. -0.01 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97097BS

Tgt Ion:	107	Resp:	395363
Ion	Ratio	Lower	Upper
107	100		
108	113.8	93.0	139.6
77	46.5	39.8	59.8
79	46.2	38.0	57.0

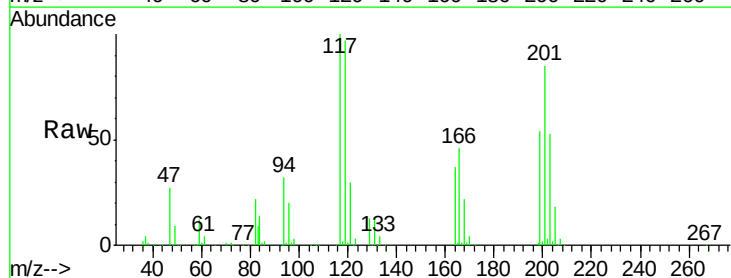


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

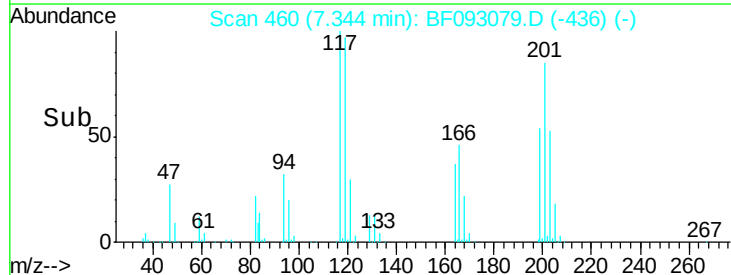
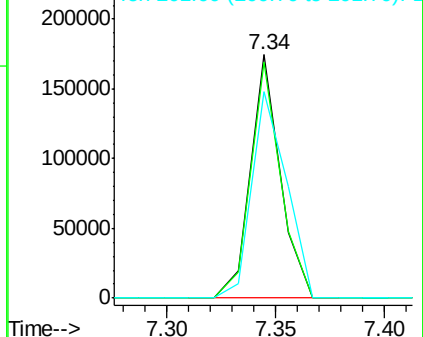


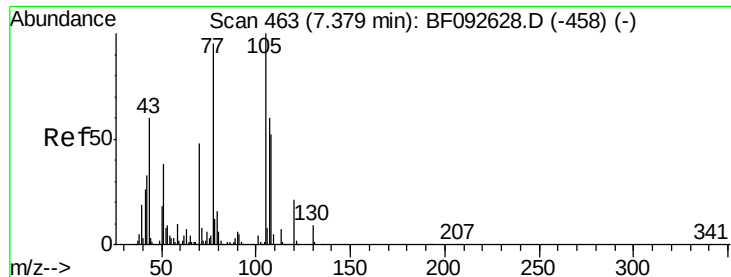
#18
Hexachloroethane
Concen: 40.33 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion:	117	Resp:	165322
Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.1	117.1
201	85.0	78.6	117.8



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

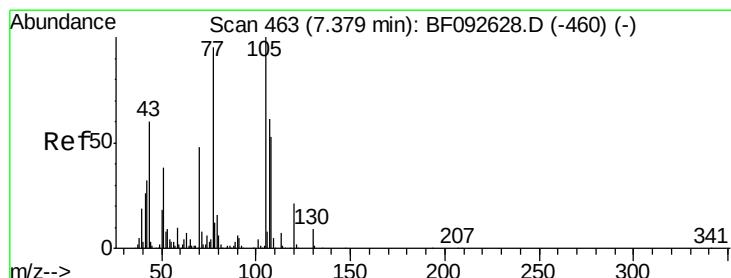
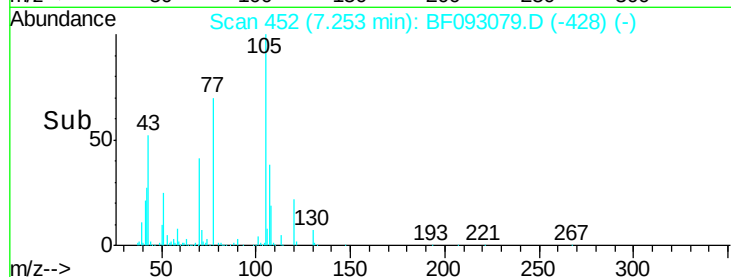
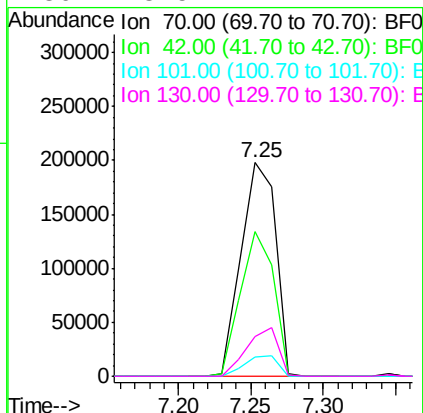
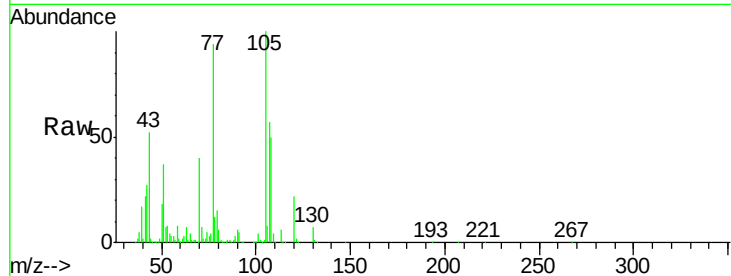




#19
n-Nitroso-di-n-propylamine
Concen: 43.42 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

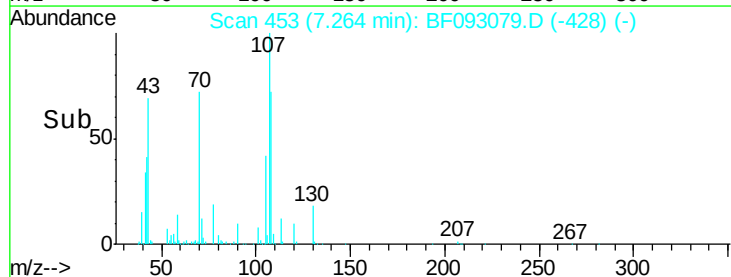
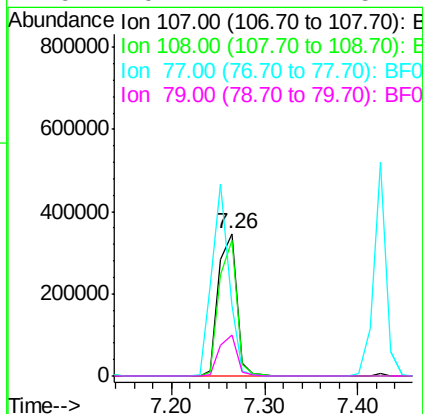
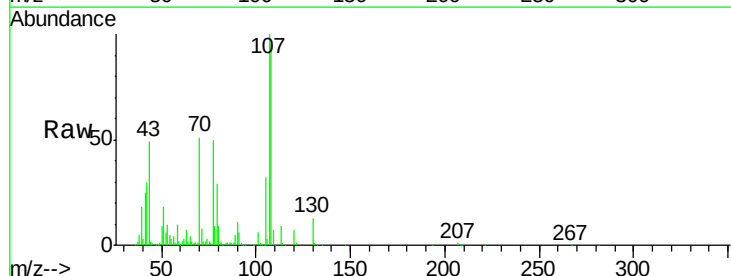
Instrument :
BNA_F
ClientSampleId :
PB97097BS

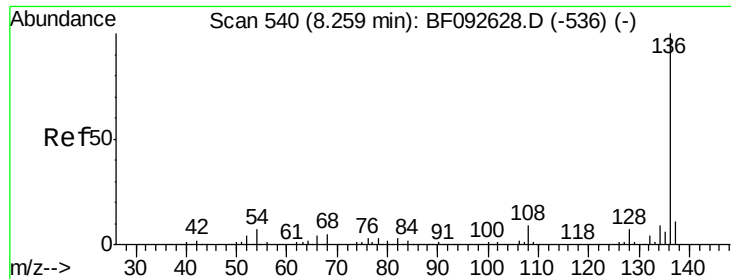
Tgt Ion:	70	Resp:	326602
Ion	Ratio	Lower	Upper
70	100		
42	68.0	49.4	74.0
101	8.9	7.4	11.2
130	18.5	14.2	21.4



#20
3+4-Methylphenols
Concen: 45.10 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion:	107	Resp:	468630
Ion	Ratio	Lower	Upper
107	100		
108	95.3	73.0	113.0
77	49.7	71.3	111.3#
79	29.1	11.1	51.1

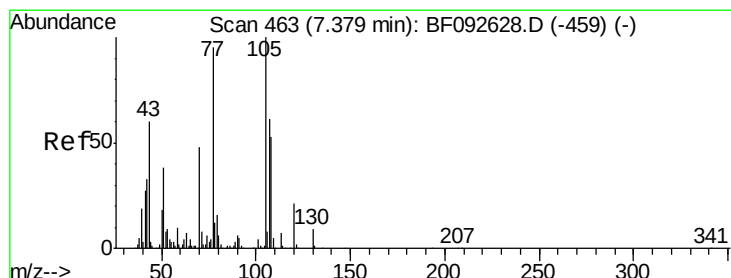
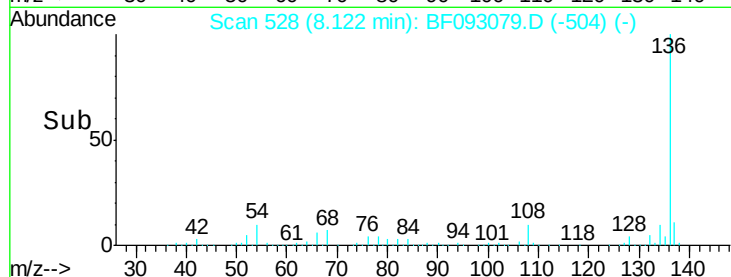
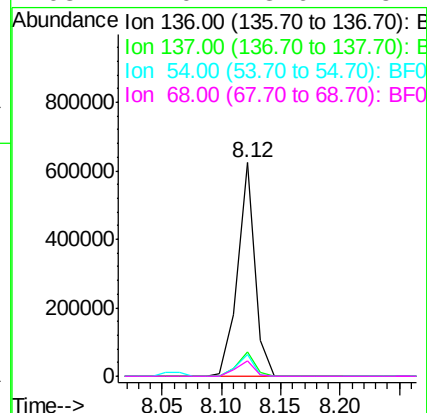
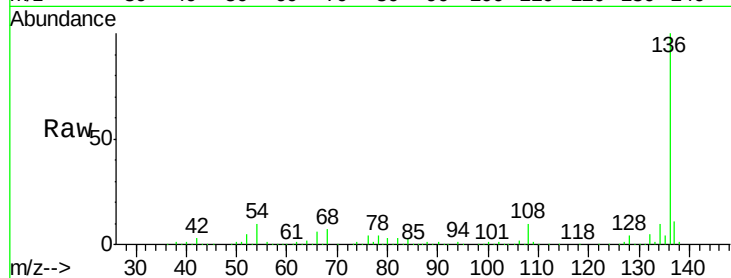




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

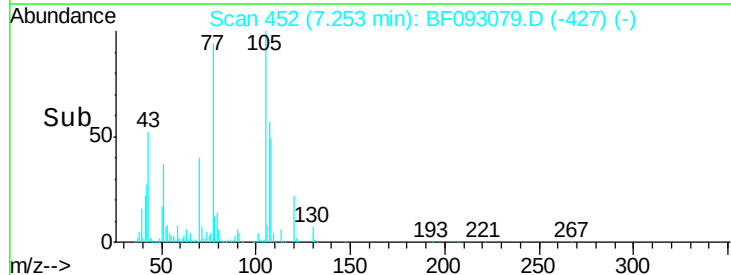
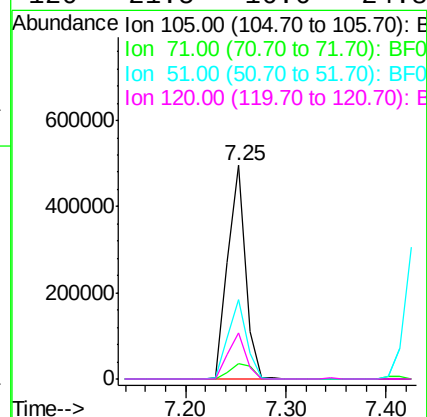
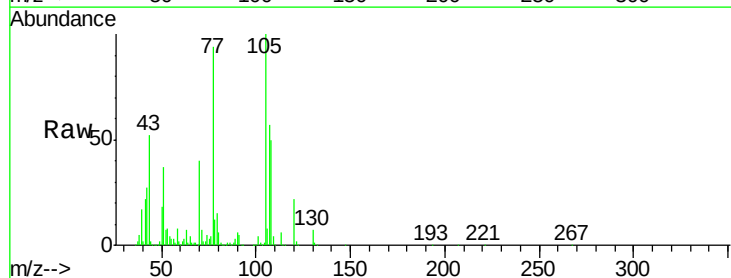
Instrument :
BNA_F
ClientSampleId :
PB97097BS

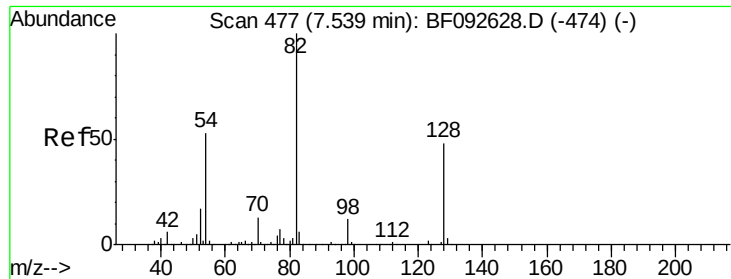
Tgt Ion:	136	Resp:	629452
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.4	12.6
54	10.2	4.5	6.7#
68	7.0	3.6	5.4#



#22
Acetophenone
Concen: 42.37 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion:	105	Resp:	608942
Ion Ratio	Lower	Upper	
105	100		
71	7.1	3.2	4.8#
51	37.3	26.2	39.4
120	21.5	16.6	24.8

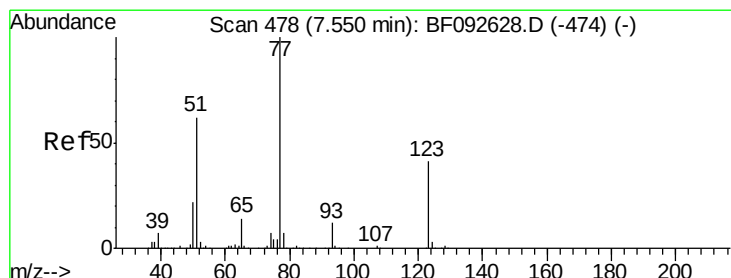
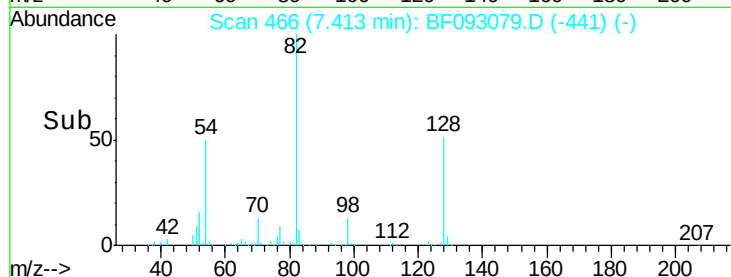
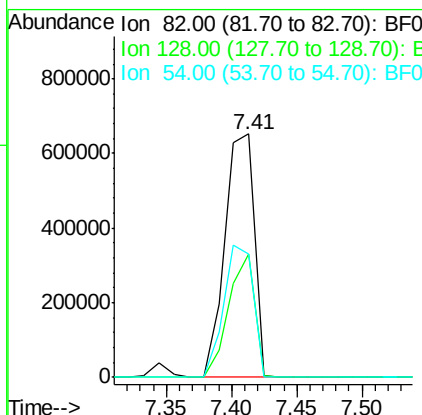
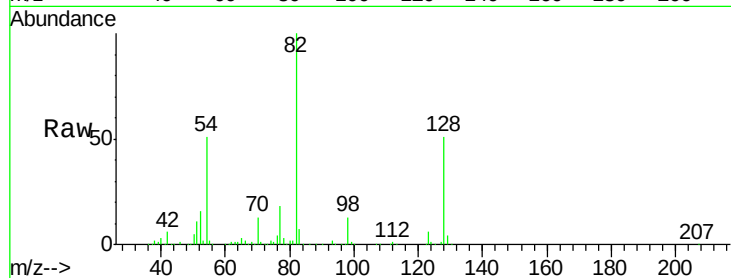




#23
 Nitrobenzene-d5
 Concen: 90.25 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

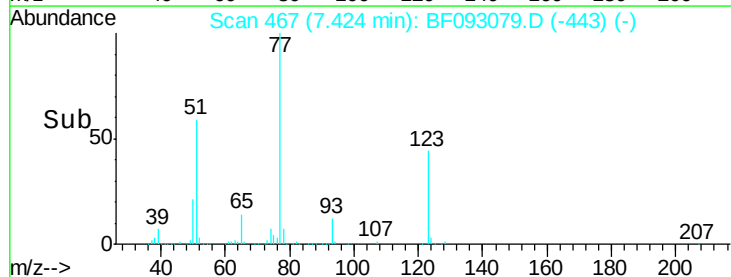
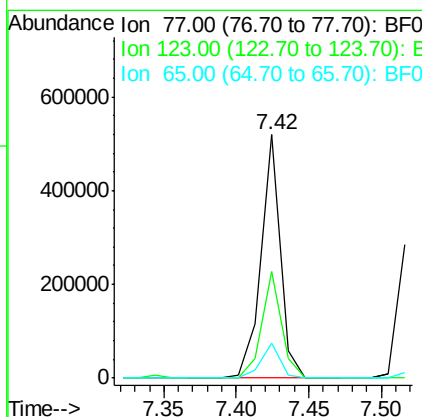
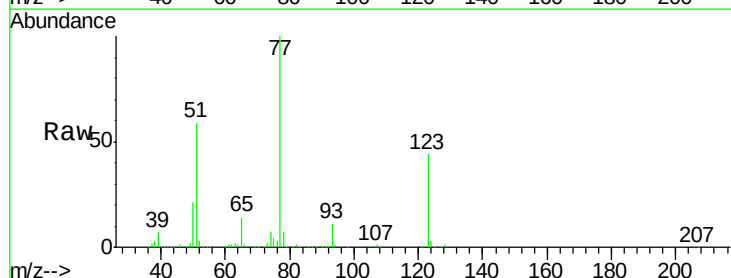
Instrument :
 BNA_F
 ClientSampleId :
 PB97097BS

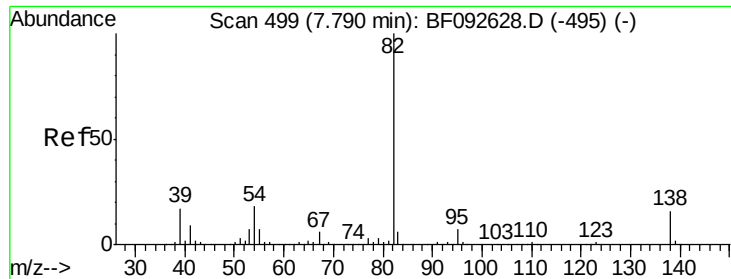
Tgt Ion: 82 Resp: 1020180
 Ion Ratio Lower Upper
 82 100
 128 50.9 34.6 52.0
 54 50.5 39.5 59.3



#24
 Nitrobenzene
 Concen: 41.45 ng
 RT: 7.42 min Scan# 467
 Delta R.T. -0.02 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Tgt Ion: 77 Resp: 481149
 Ion Ratio Lower Upper
 77 100
 123 44.1 33.0 49.4
 65 14.3 11.2 16.8





#25

Isophorone

Concen: 43.46 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97097BS

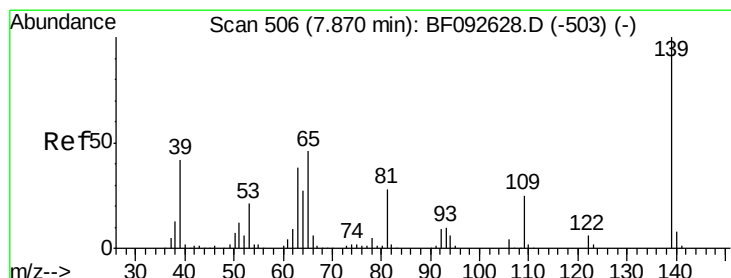
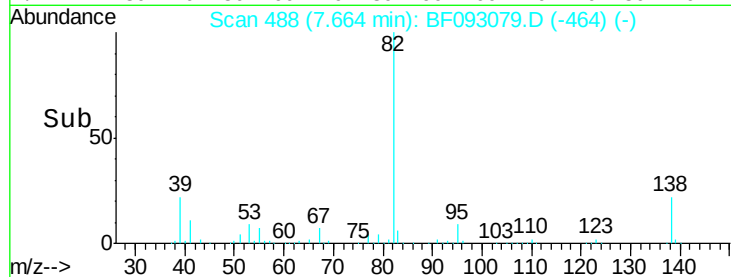
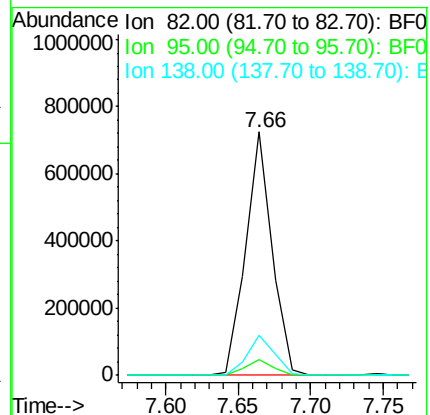
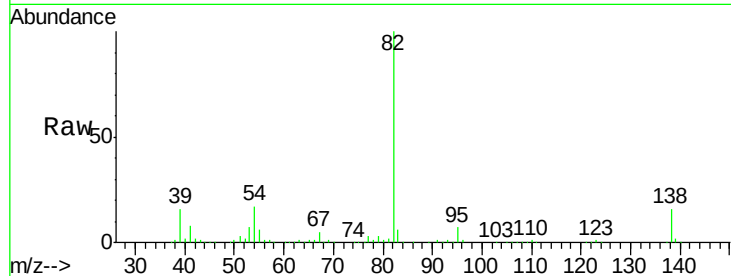
Tgt Ion: 82 Resp: 915488

Ion Ratio Lower Upper

82 100

95 6.5 5.6 8.4

138 16.2 14.6 22.0



#26

2-Nitrophenol

Concen: 48.79 ng

RT: 7.74 min Scan# 495

Delta R.T. -0.01 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

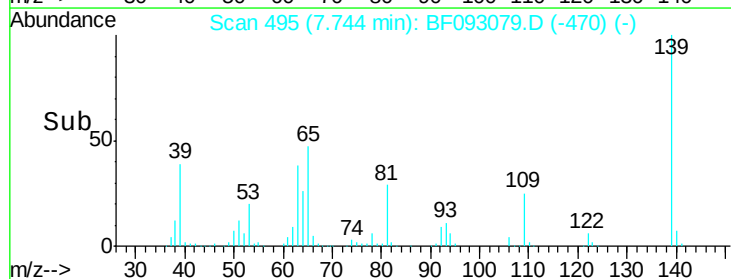
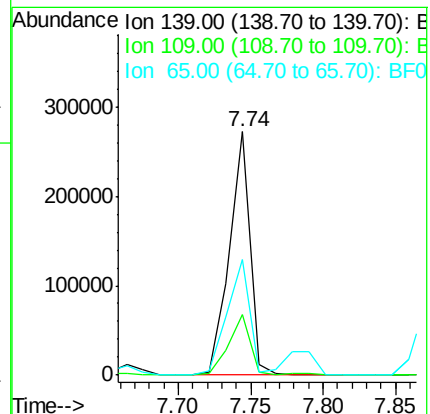
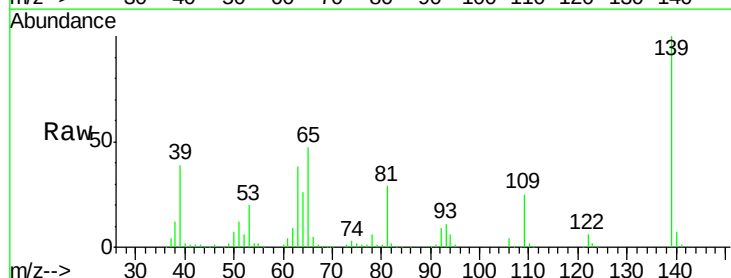
Tgt Ion: 139 Resp: 269179

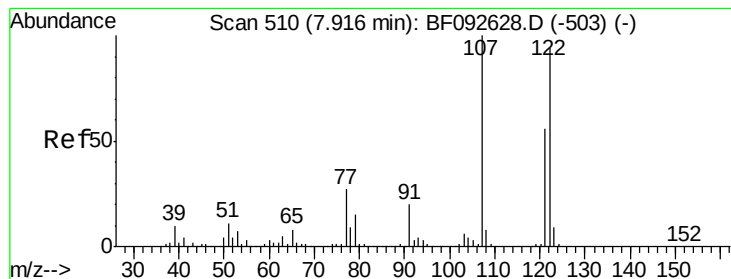
Ion Ratio Lower Upper

139 100

109 24.9 23.3 34.9

65 47.5 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 45.57 ng

RT: 7.79 min Scan# 499

Delta R.T. -0.01 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97097BS

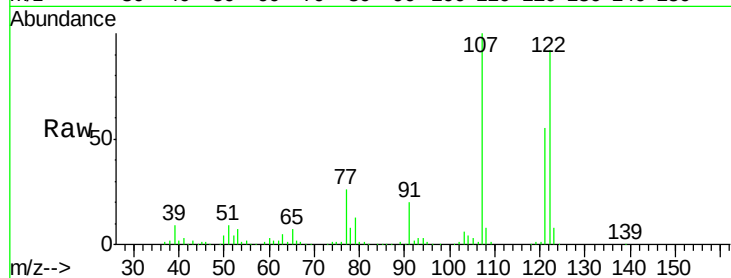
Tgt Ion:122 Resp: 441532

Ion Ratio Lower Upper

122 100

107 108.2 94.1 141.1

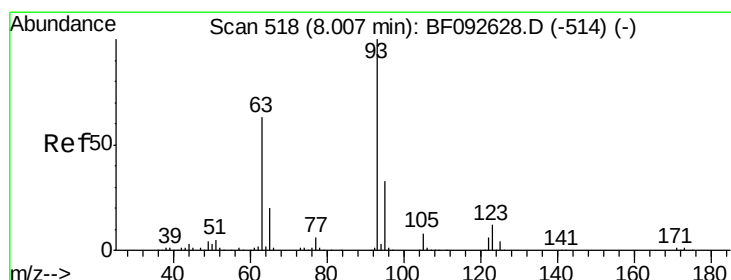
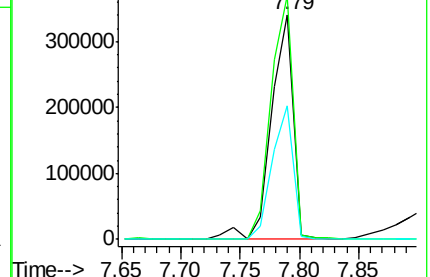
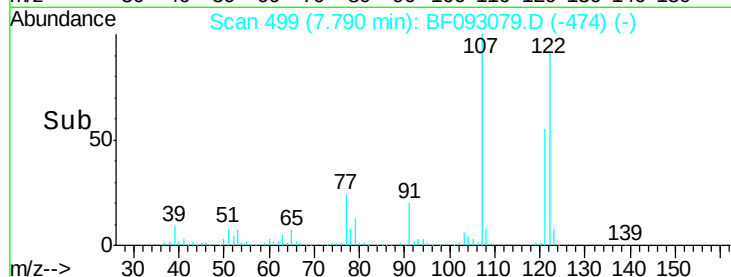
121 59.1 46.0 69.0



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: 44.03 ng

RT: 7.88 min Scan# 507

Delta R.T. -0.01 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

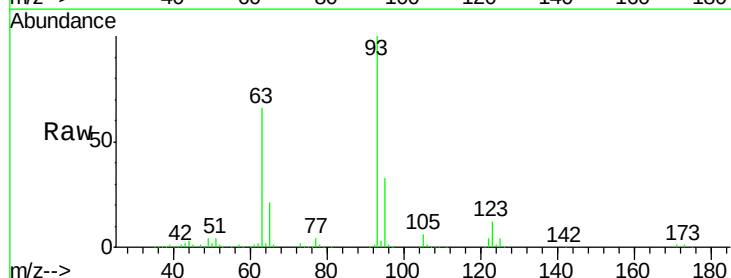
Tgt Ion: 93 Resp: 614257

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

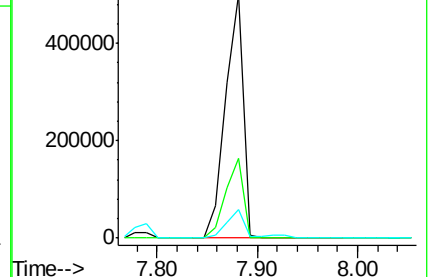
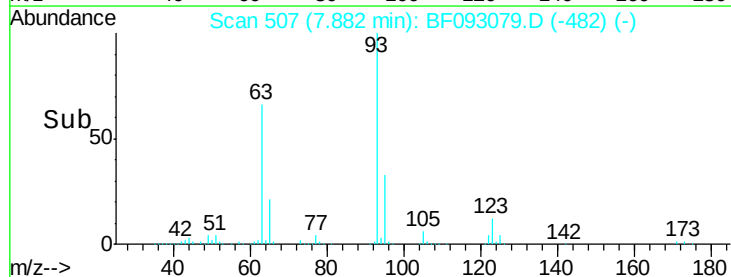
123 11.6 8.6 13.0

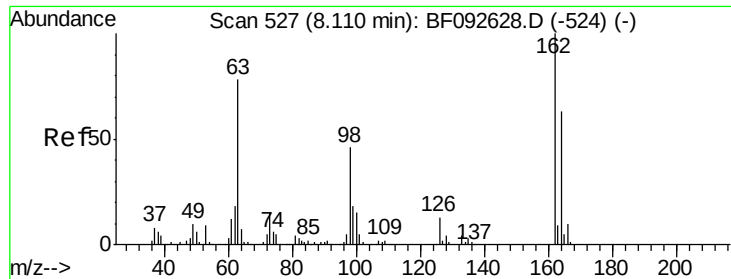


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

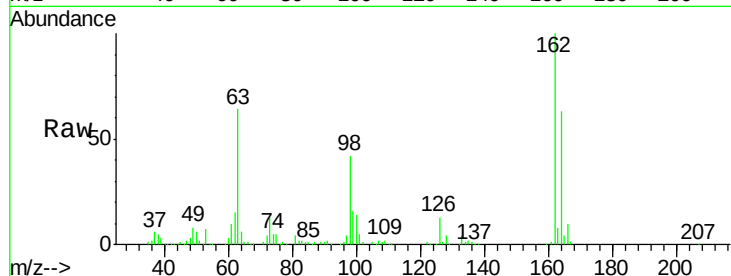




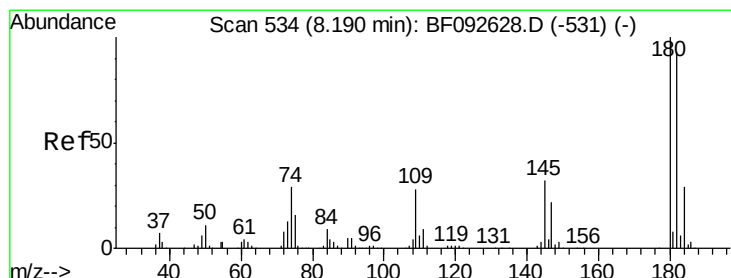
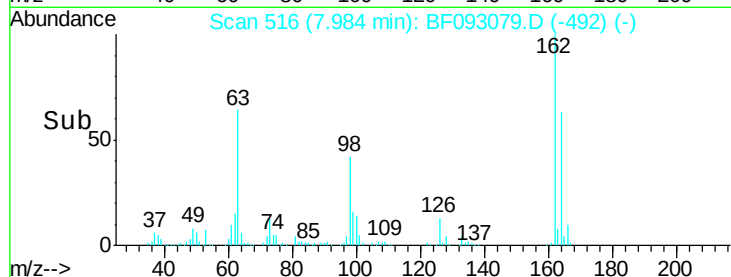
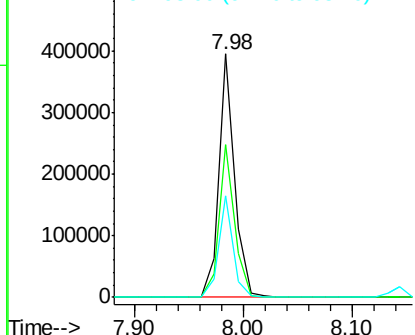
#29
2,4-Dichlorophenol
Concen: 44.07 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97097BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.7	46.8	86.8
98	41.6	9.1	49.1

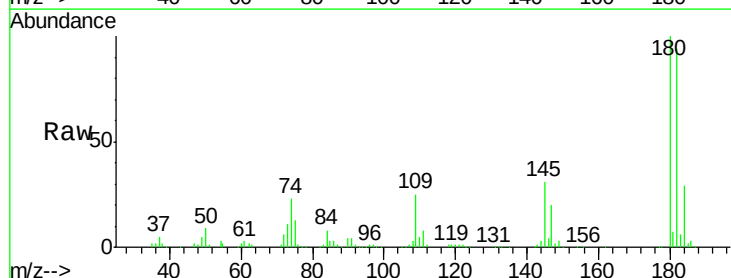


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0

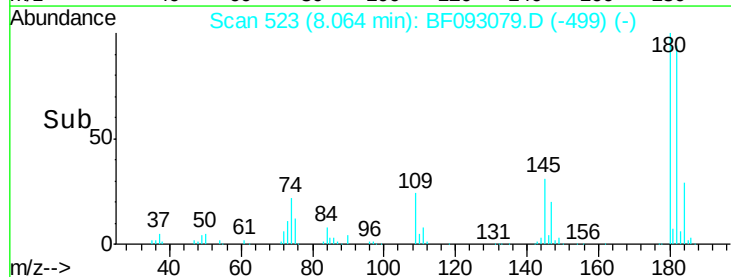
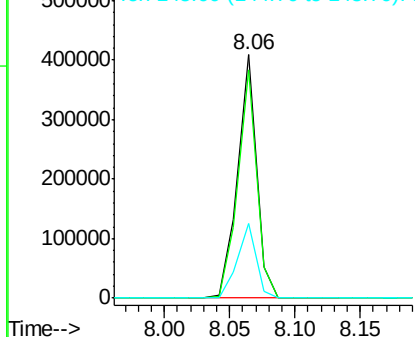


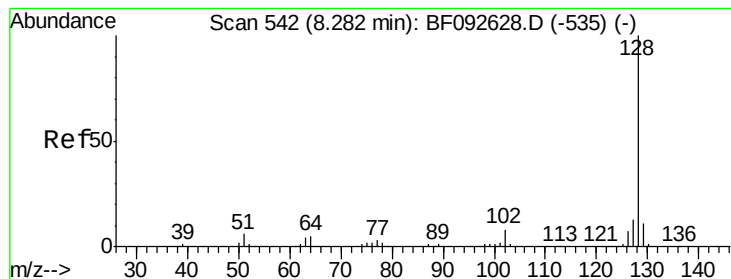
#30
1,2,4-Trichlorobenzene
Concen: 42.14 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	78.2	117.4
145	30.7	21.6	32.4



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





#31

Naphthalene

Concen: 40.43 ng

RT: 8.14 min Scan# 530

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97097BS

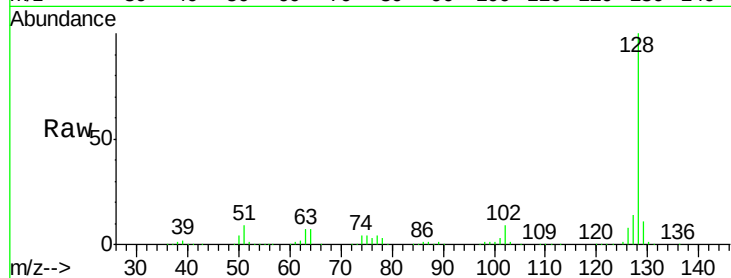
Tgt Ion:128 Resp: 1290174

Ion Ratio Lower Upper

128 100

129 11.2 9.5 14.3

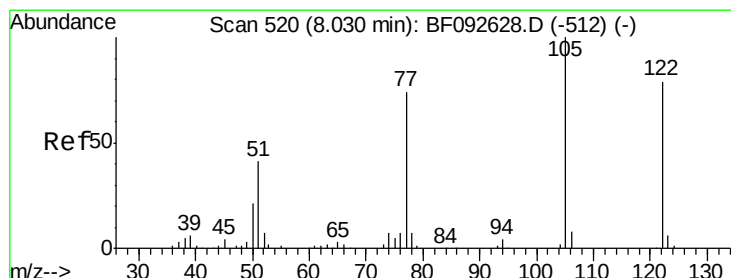
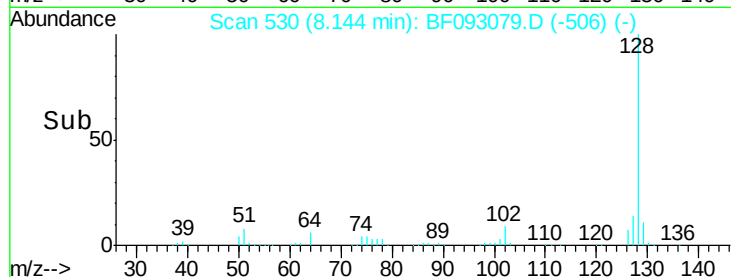
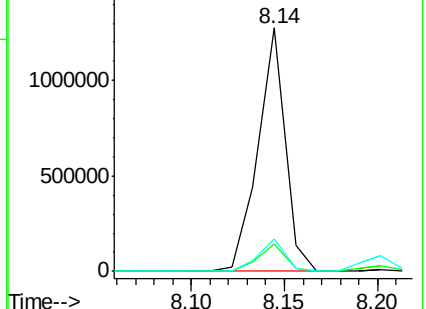
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 38.94 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.00 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

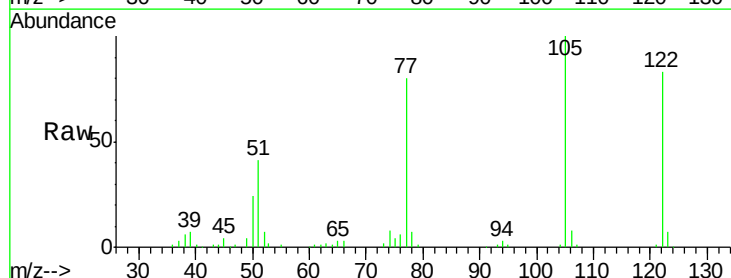
Tgt Ion:122 Resp: 205040

Ion Ratio Lower Upper

122 100

105 120.4 107.2 147.2

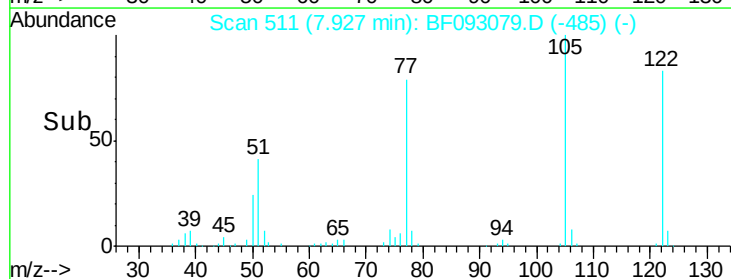
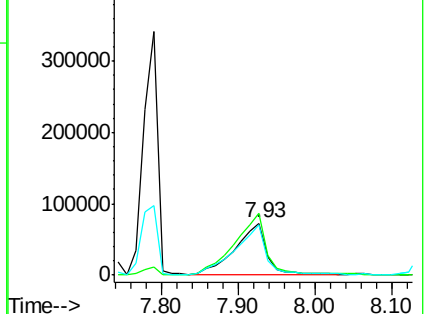
77 96.5 74.5 114.5

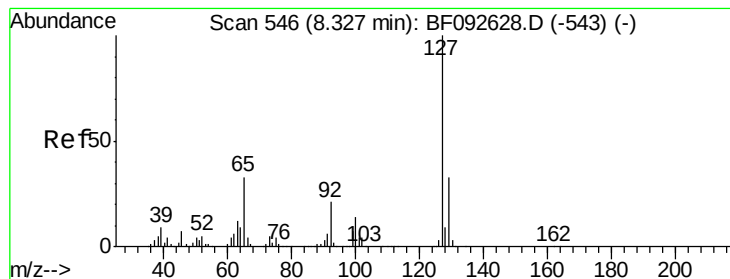


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 9.33 ng

RT: 8.20 min Scan# 535

Delta R.T. -0.01 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97097BS

Tgt Ion:127 Resp: 116696

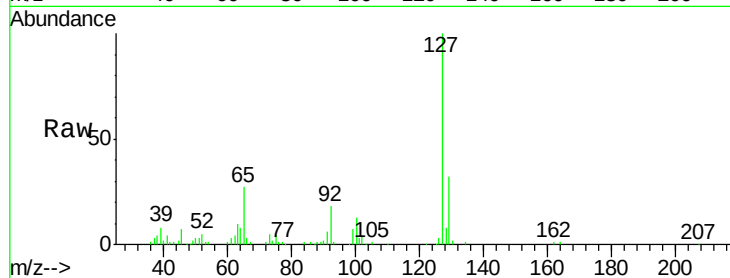
Ion Ratio Lower Upper

127 100

129 32.0 26.3 39.5

65 27.5 25.8 38.8

92 17.9 16.1 24.1

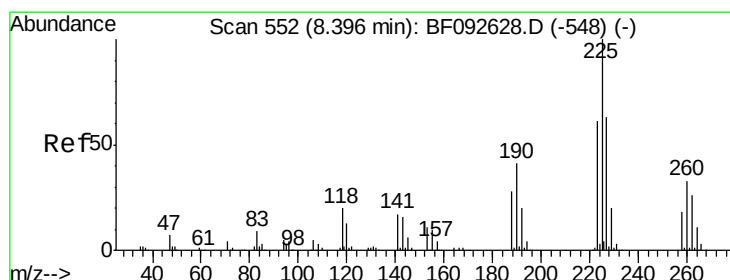
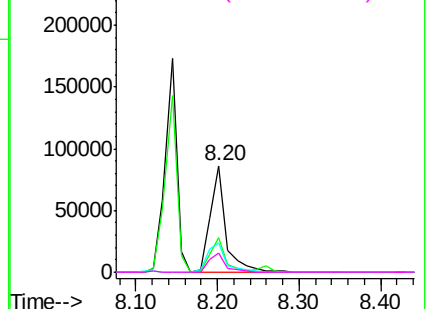
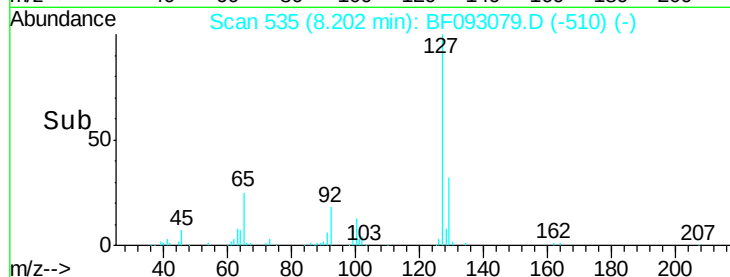


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 38.63 ng

RT: 8.26 min Scan# 540

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

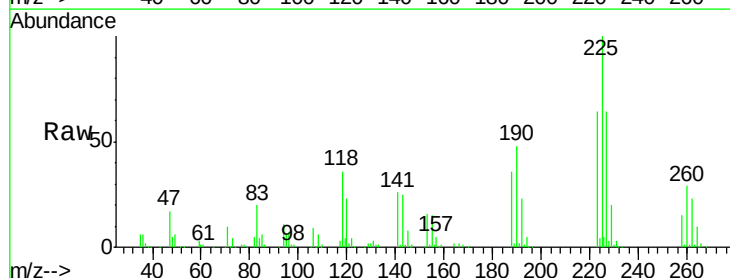
Tgt Ion:225 Resp: 206966

Ion Ratio Lower Upper

225 100

223 63.7 51.0 76.6

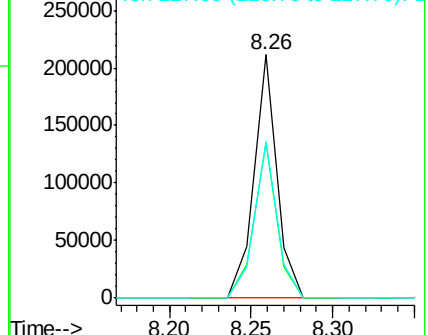
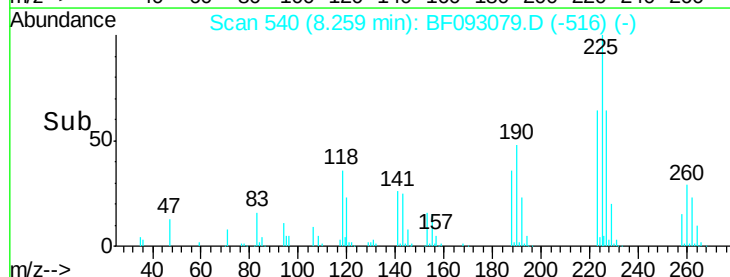
227 64.3 50.6 76.0

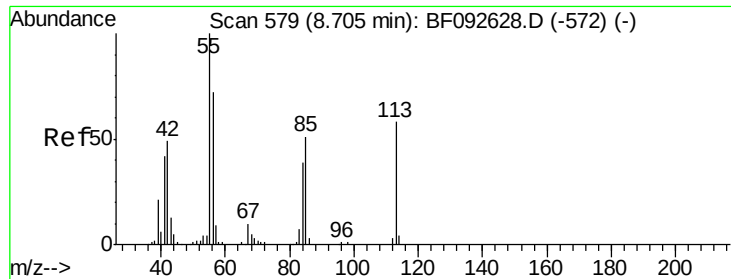


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

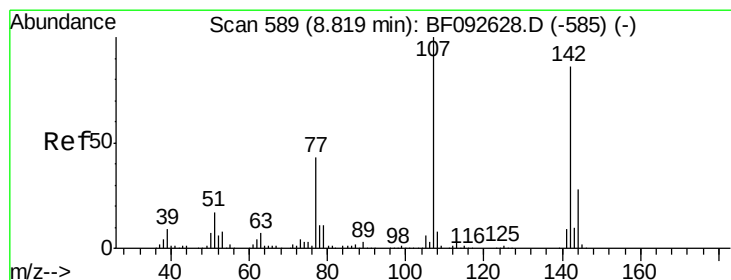
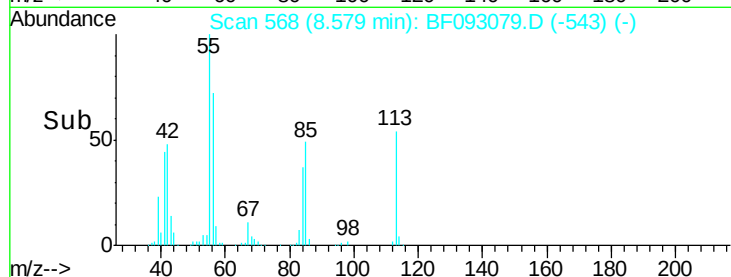
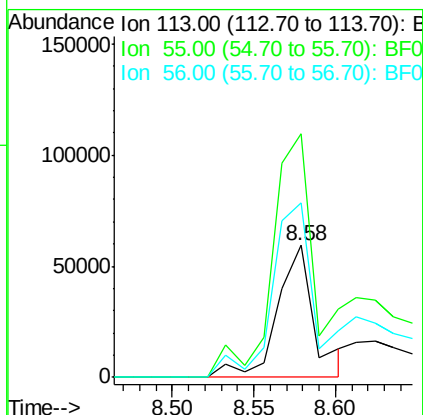
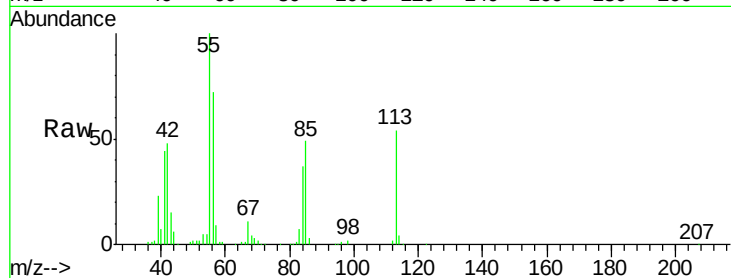




#35
 Caprolactam
 Concen: 32.95 ng
 RT: 8.58 min Scan# 568
 Delta R.T. -0.01 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

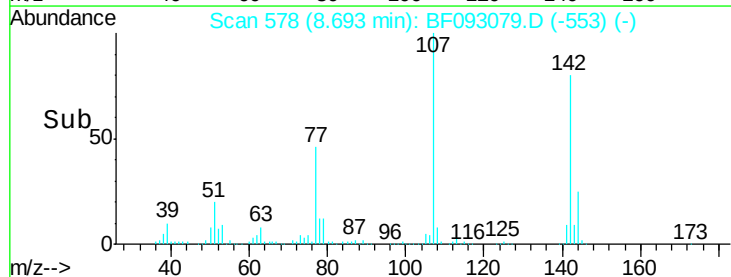
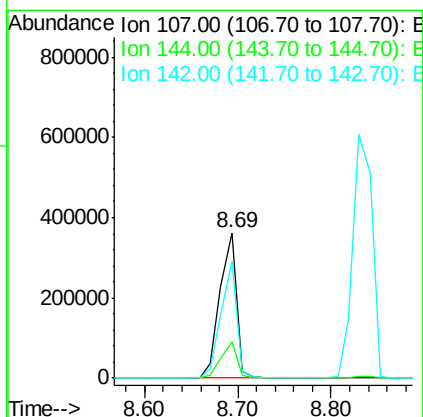
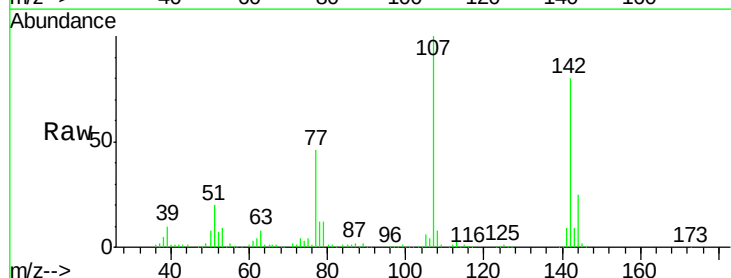
Instrument :
 BNA_F
 ClientSampleID :
 PB97097BS

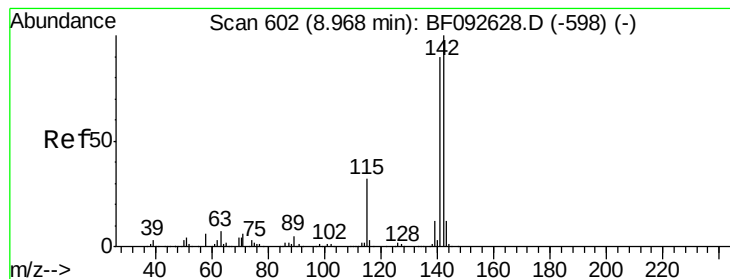
Tgt Ion:113 Resp: 93663
 Ion Ratio Lower Upper
 113 100
 55 184.3 119.2 159.2#
 56 132.2 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 47.49 ng
 RT: 8.69 min Scan# 578
 Delta R.T. -0.01 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Tgt Ion:107 Resp: 447385
 Ion Ratio Lower Upper
 107 100
 144 25.0 19.3 28.9
 142 80.4 59.0 88.6





#37

2-Methylnaphthalene

Concen: 42.78 ng

RT: 8.83 min Scan# 590

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97097BS

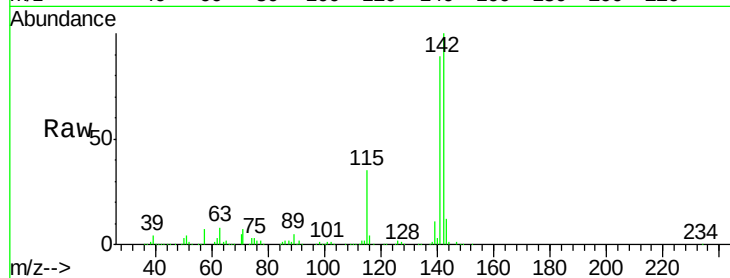
Tgt Ion:142 Resp: 876531

Ion Ratio Lower Upper

142 100

141 89.4 71.0 106.6

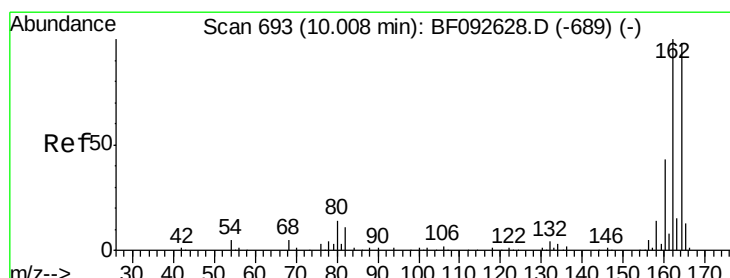
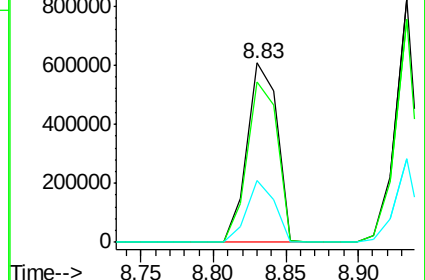
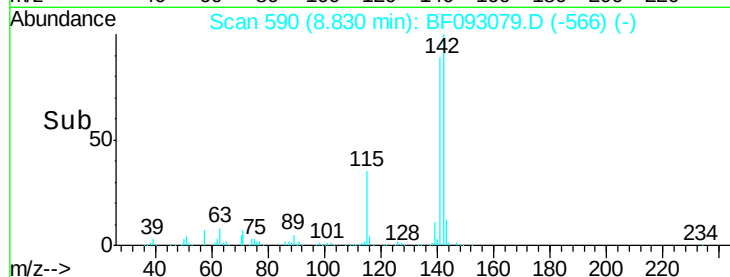
115 34.5 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

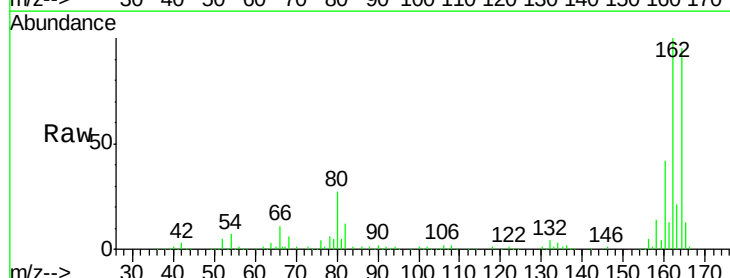
Tgt Ion:164 Resp: 295700

Ion Ratio Lower Upper

164 100

162 104.9 80.2 120.2

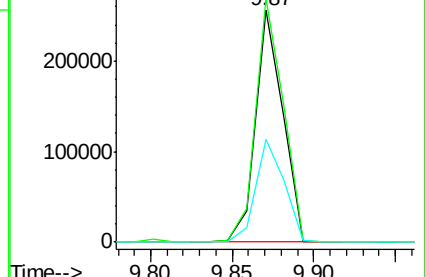
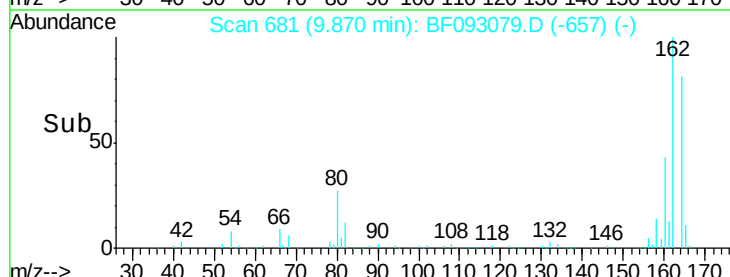
160 44.4 36.9 55.3

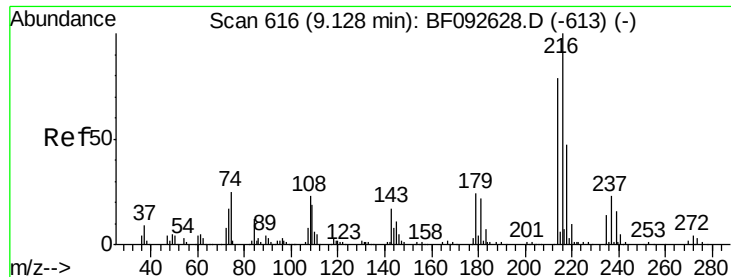


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

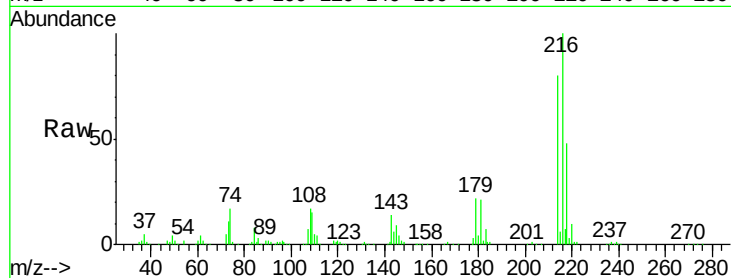




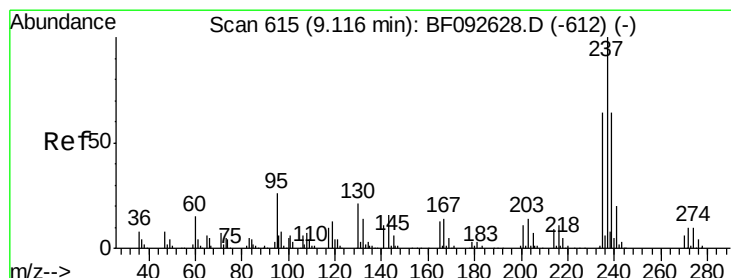
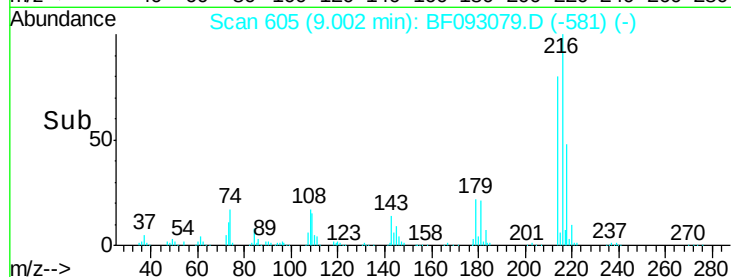
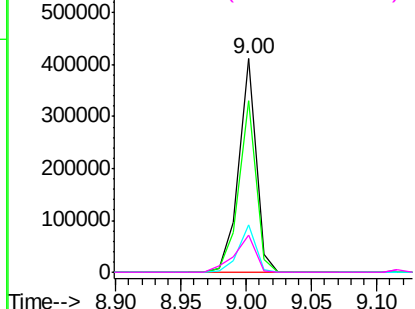
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.57 ng
 RT: 9.00 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97097BS

Tgt Ion:	216	Resp:	378220
Ion	Ratio	Lower	Upper
216	100		
214	79.5	63.4	95.0
179	22.1	17.4	26.2
108	21.6	15.6	23.4

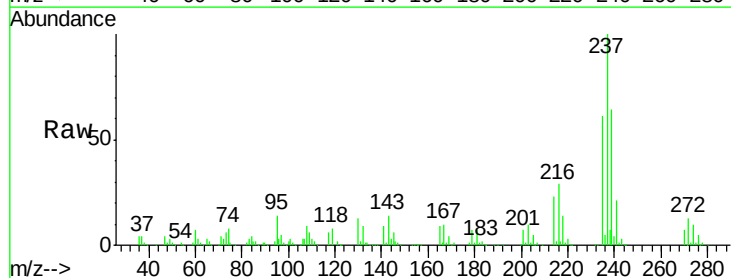


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

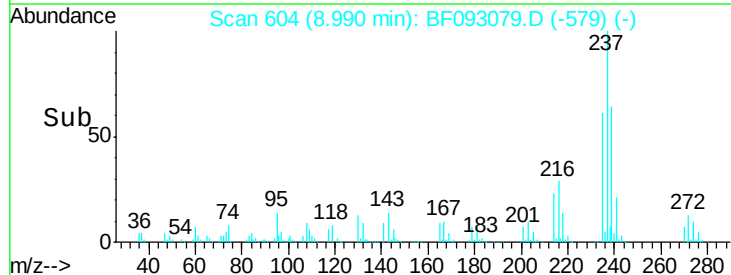
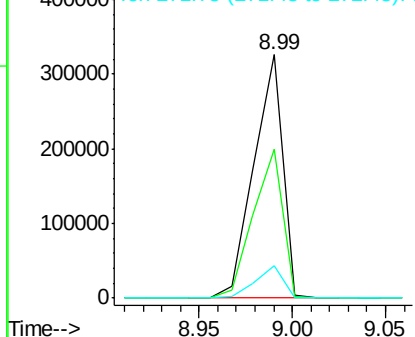


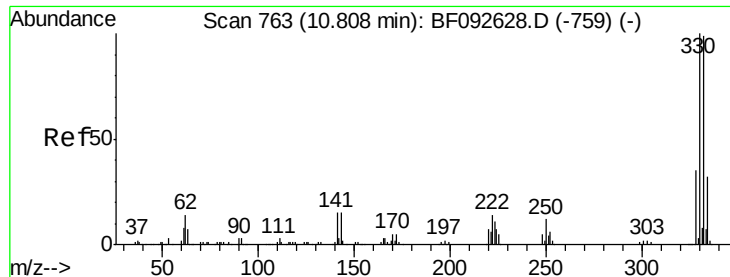
#40
 Hexachlorocyclopentadiene
 Concen: 94.39 ng
 RT: 8.99 min Scan# 604
 Delta R.T. -0.01 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Tgt Ion:	237	Resp:	353484
Ion	Ratio	Lower	Upper
237	100		
235	61.4	41.2	81.2
272	13.4	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

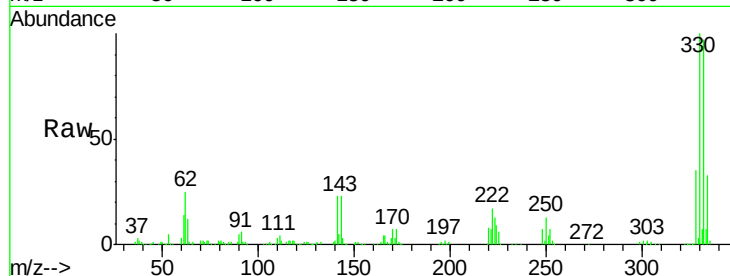




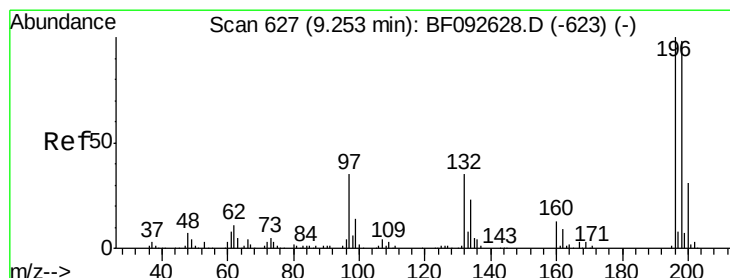
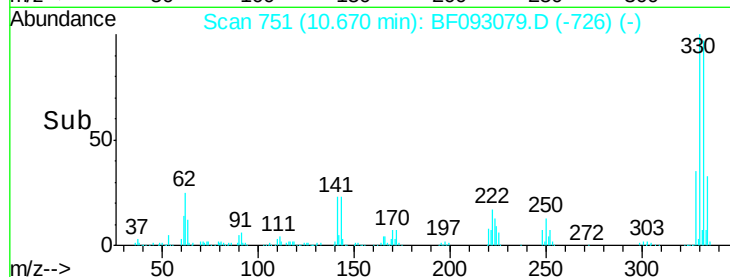
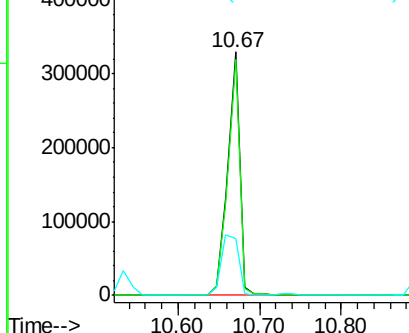
#41
 2,4,6-Tribromophenol
 Concen: 158.53 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97097BS

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.4	116.2
141	35.2	34.1	51.1

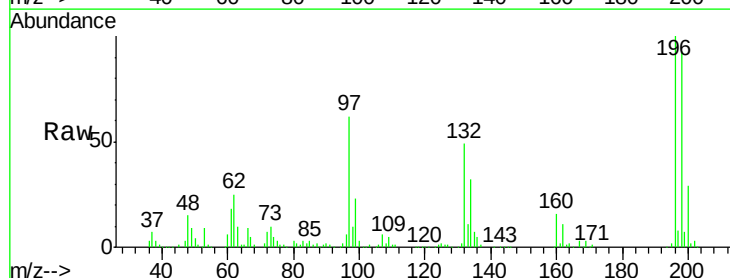


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

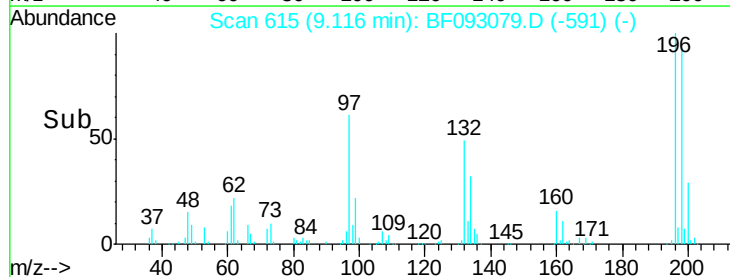
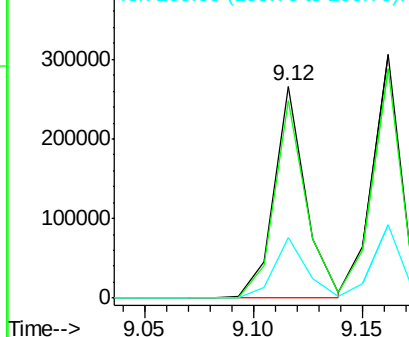


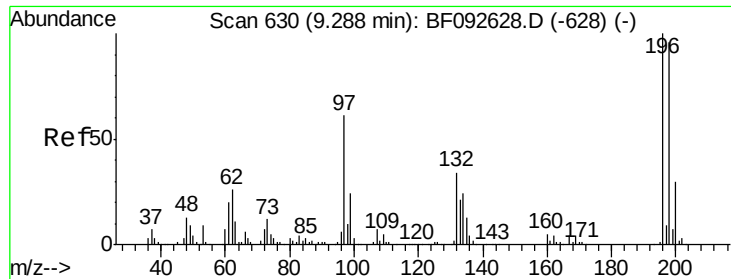
#42
 2,4,6-Trichlorophenol
 Concen: 49.66 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.1	82.1	123.1
200	28.8	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

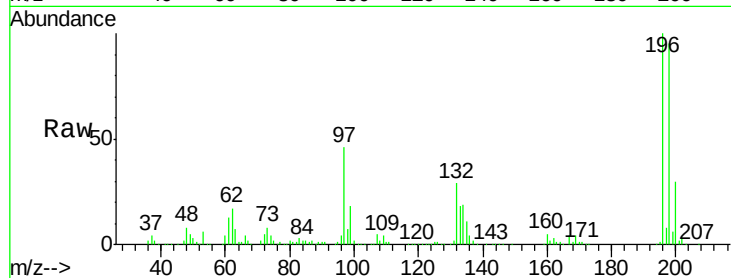




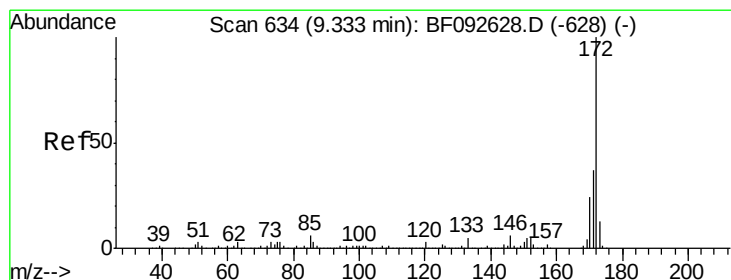
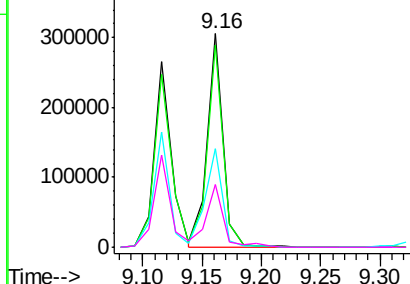
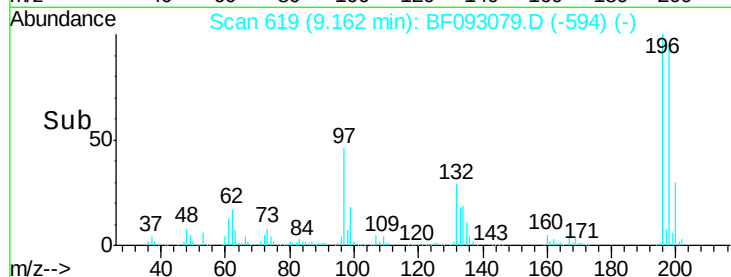
#43
 2,4,5-Trichlorophenol
 Concen: 47.30 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.01 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97097BS

Tgt Ion	Resp	Lower	Upper
196	282646		
198	94.5	79.4	119.2
97	46.3	51.5	77.3
132	29.4	27.4	41.2

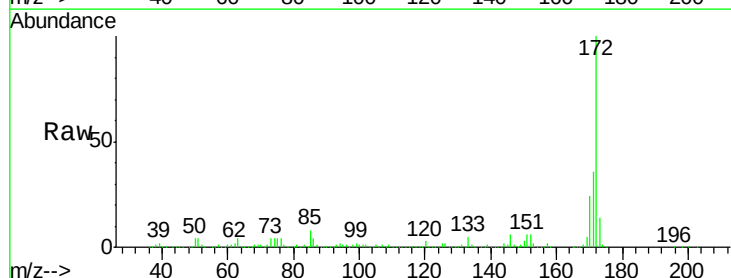


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

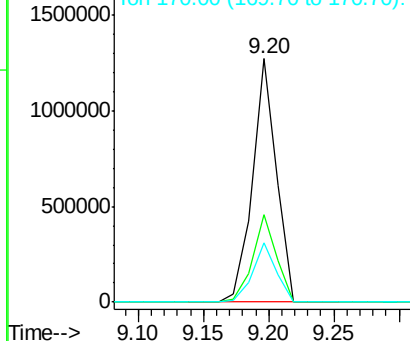
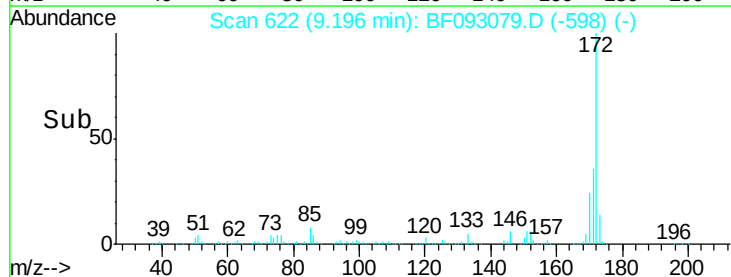


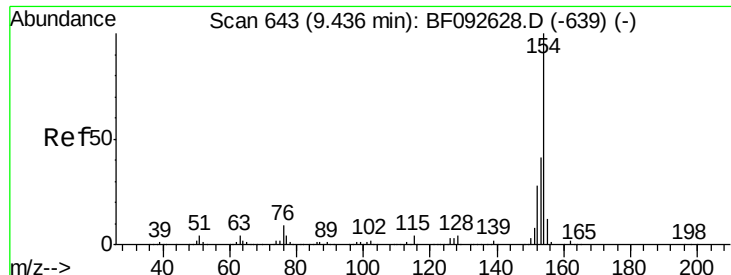
#44
 2-Fluorobiphenyl
 Concen: 99.34 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Tgt Ion	Resp	Lower	Upper
172	1621475		
171	35.8	29.4	44.0
170	24.2	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

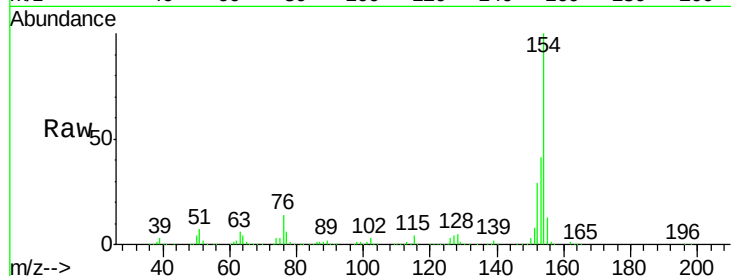




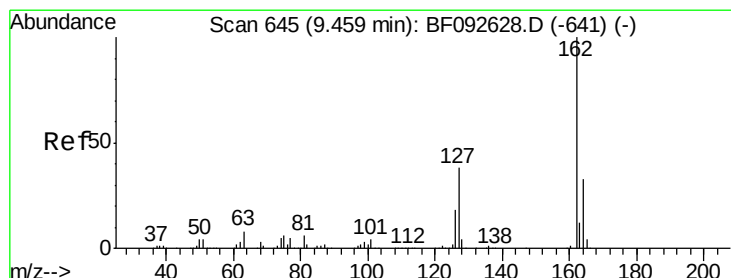
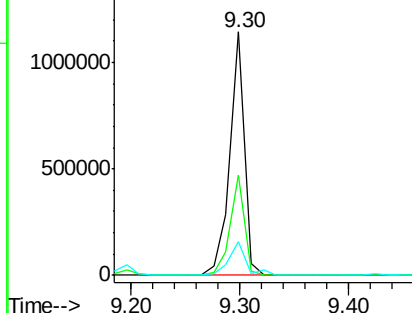
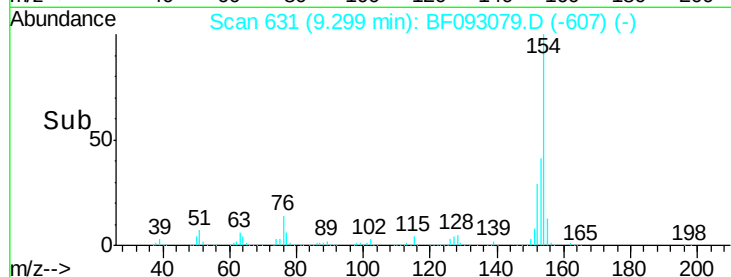
#45
 1,1'-Biphenyl
 Concen: 48.84 ng
 RT: 9.30 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97097BS

Tgt Ion:154 Resp: 1045712
 Ion Ratio Lower Upper
 154 100
 153 41.2 20.9 60.9
 76 14.0 0.0 30.5

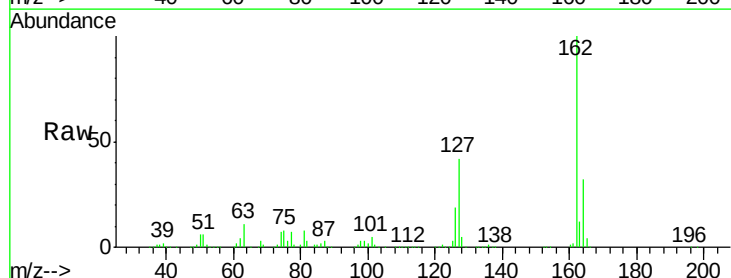


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

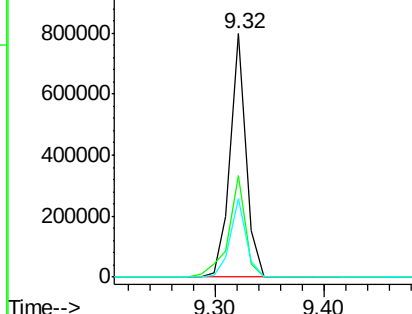
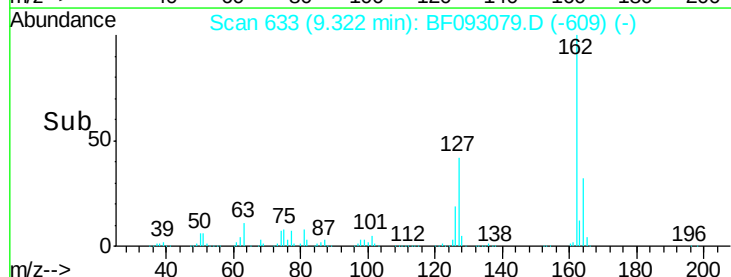


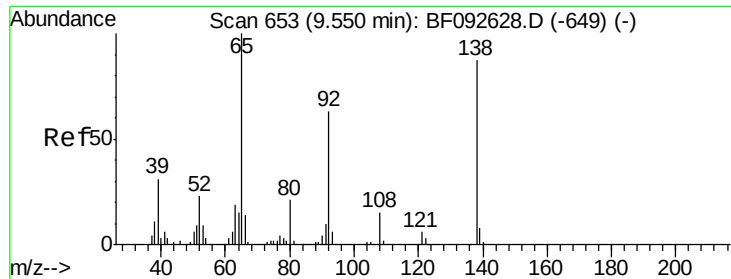
#46
 2-Chloronaphthalene
 Concen: 47.85 ng
 RT: 9.32 min Scan# 633
 Delta R.T. -0.02 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Tgt Ion:162 Resp: 801510
 Ion Ratio Lower Upper
 162 100
 127 41.9 30.7 46.1
 164 32.5 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

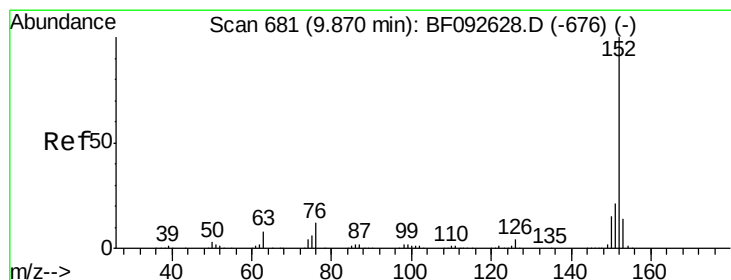
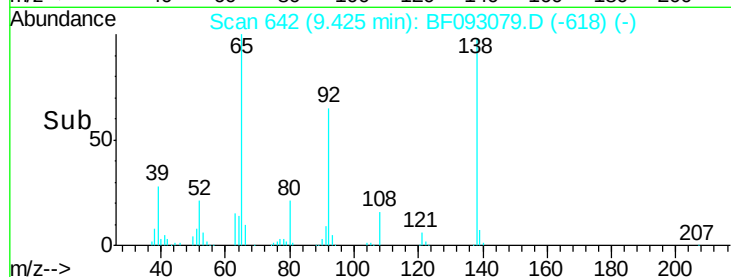
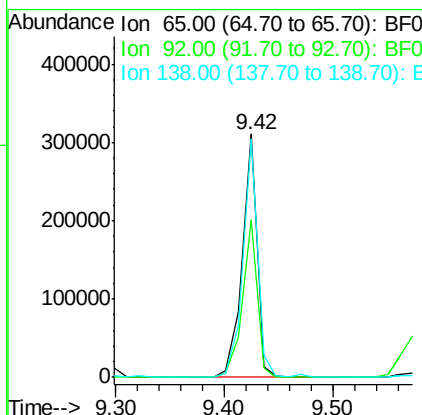
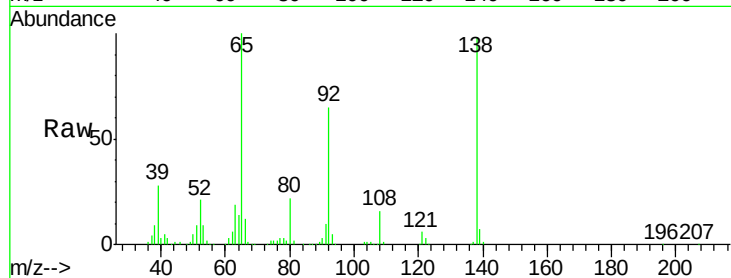




#47
2-Nitroaniline
Concen: 51.26 ng
RT: 9.42 min Scan# 642
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

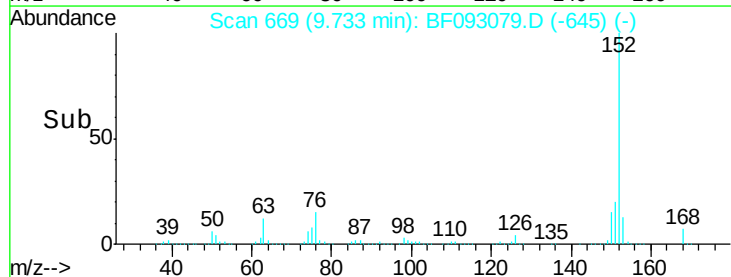
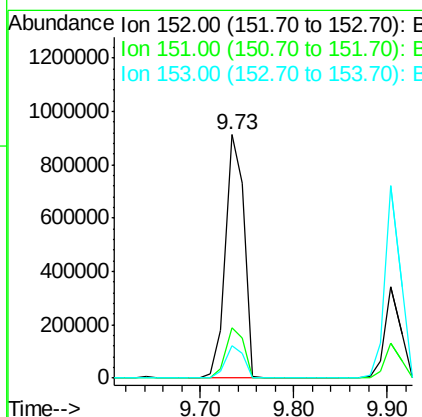
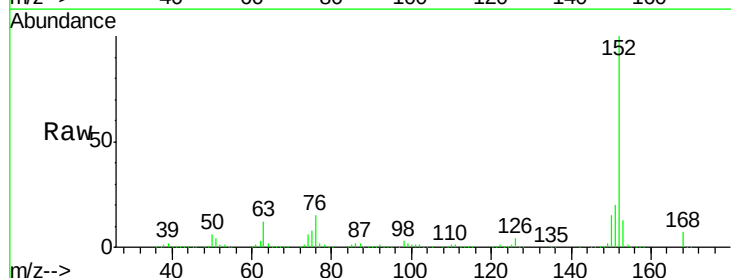
Instrument :
BNA_F
ClientSampleId :
PB97097BS

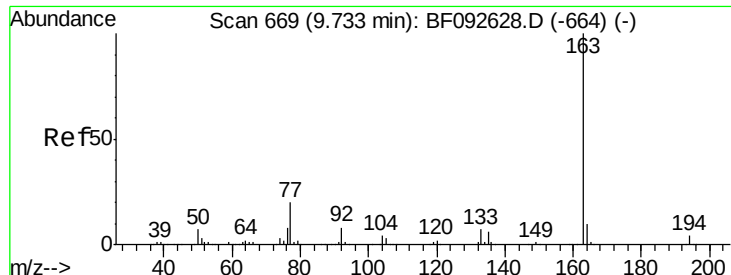
Tgt Ion: 65 Resp: 288677
Ion Ratio Lower Upper
65 100
92 64.6 53.9 80.9
138 97.8 76.8 115.2



#48
Acenaphthylene
Concen: 43.77 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion: 152 Resp: 1266604
Ion Ratio Lower Upper
152 100
151 20.5 16.9 25.3
153 13.5 11.4 17.2





#49

Dimethylphthalate

Concen: 52.14 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97097BS

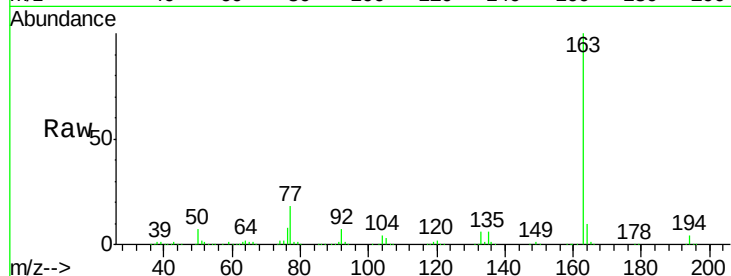
Tgt Ion:163 Resp: 1038461

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

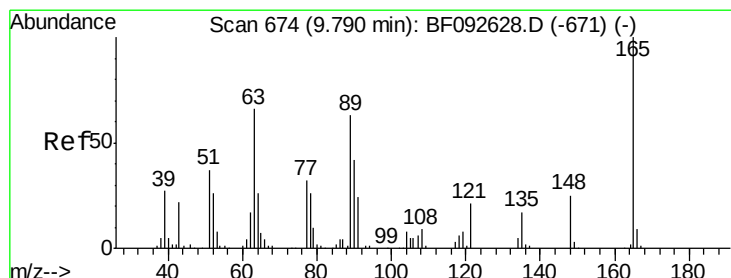
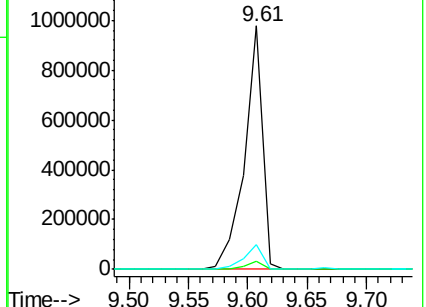
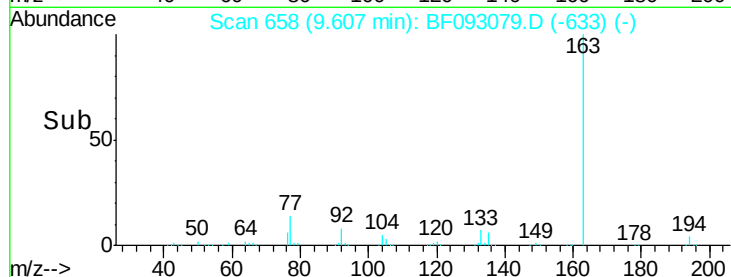
164 9.9 8.0 12.0



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: 46.97 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

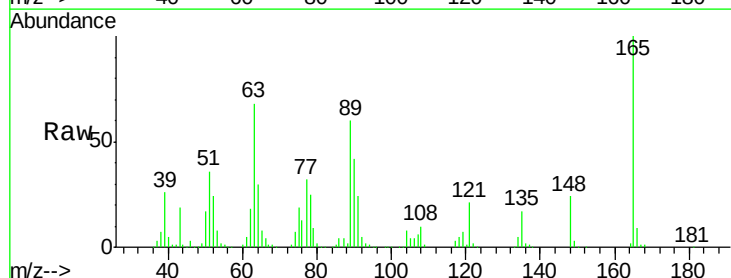
Tgt Ion:165 Resp: 202026

Ion Ratio Lower Upper

165 100

63 67.6 36.2 54.4#

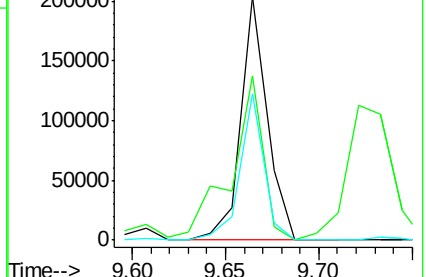
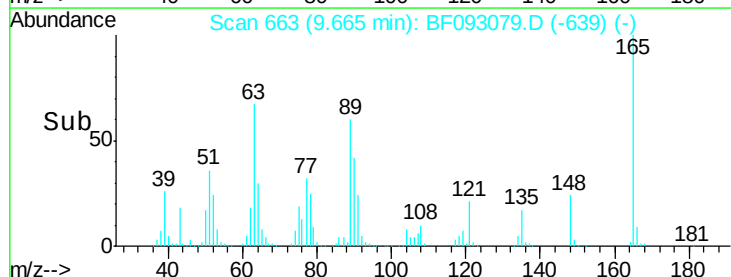
89 60.4 40.2 60.4

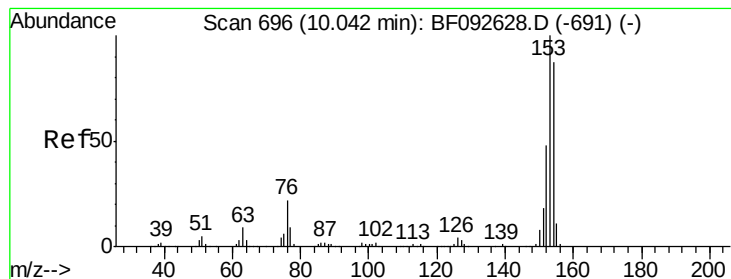


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.60 ng

RT: 9.90 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97097BS

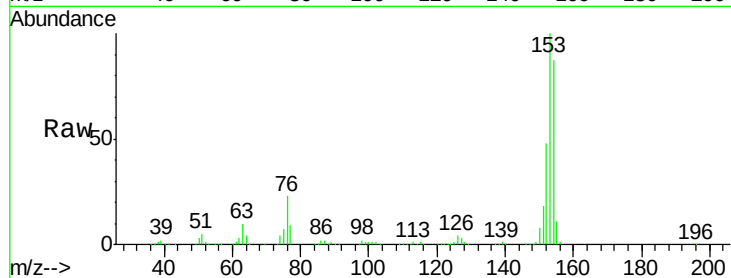
Tgt Ion:154 Resp: 754238

Ion Ratio Lower Upper

154 100

153 115.2 88.6 133.0

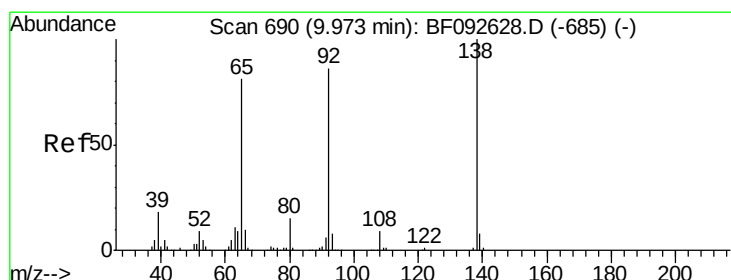
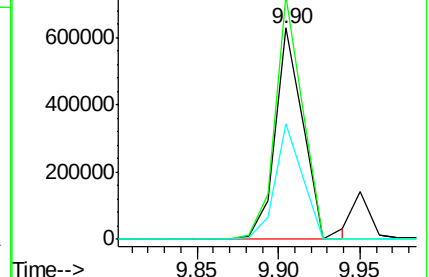
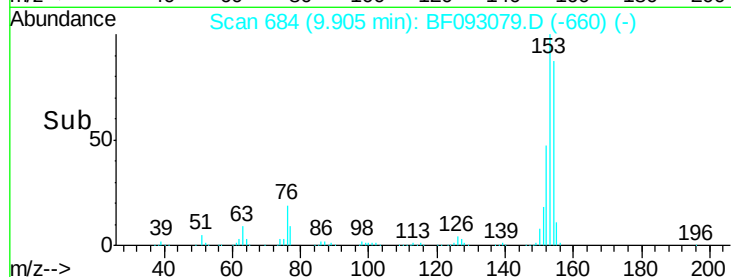
152 54.8 41.6 62.4



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: 19.29 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

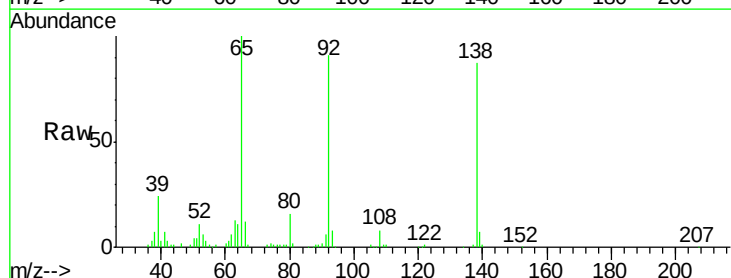
Tgt Ion:138 Resp: 94959

Ion Ratio Lower Upper

138 100

108 9.4 8.5 12.7

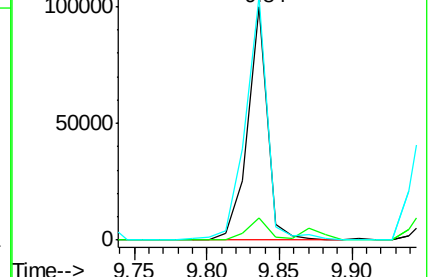
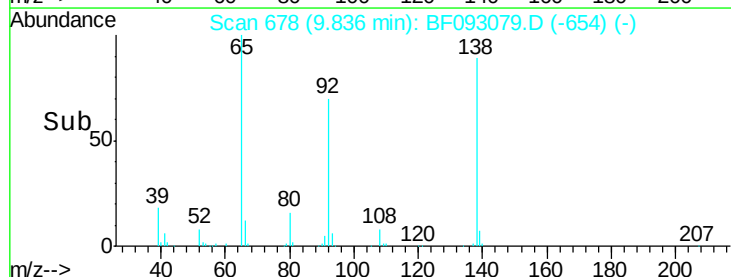
92 104.3 97.8 146.8

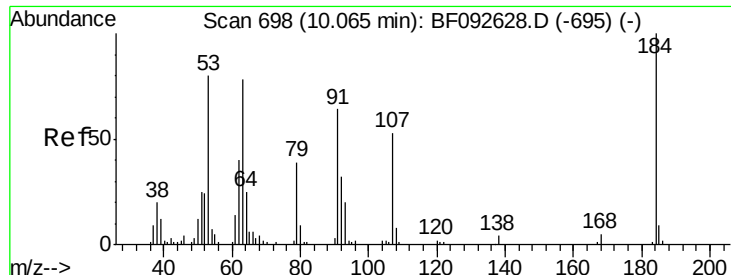


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

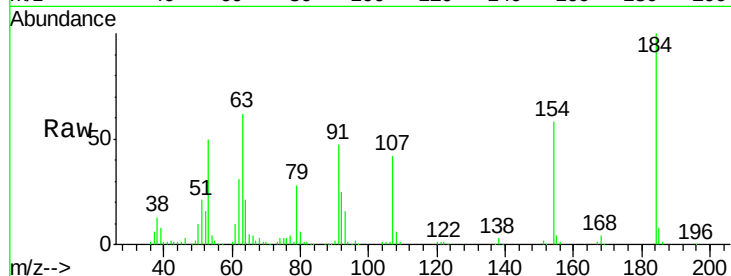




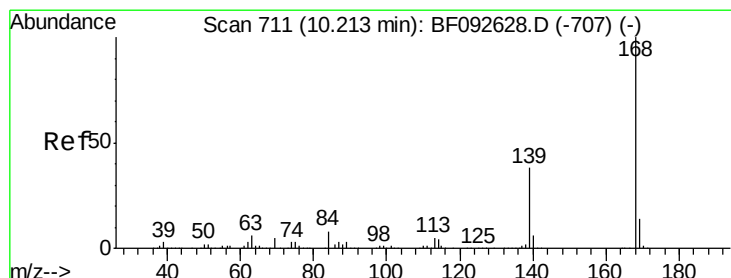
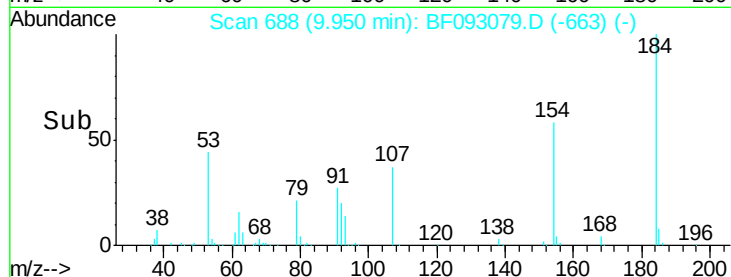
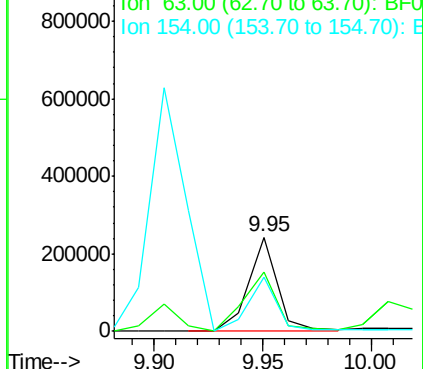
#53
 2,4-Dinitrophenol
 Concen: 102.01 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.01 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97097BS

Tgt Ion:184 Resp: 226239
 Ion Ratio Lower Upper
 184 100
 63 62.4 28.4 42.6#
 154 58.2 44.3 66.5

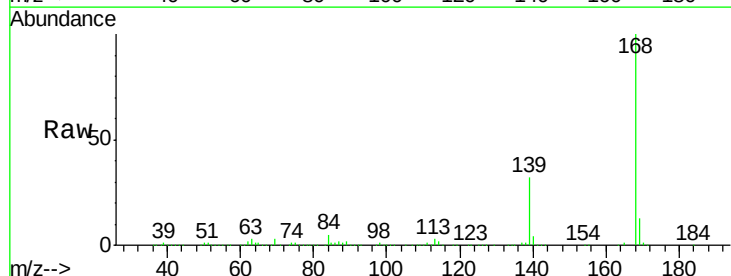


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

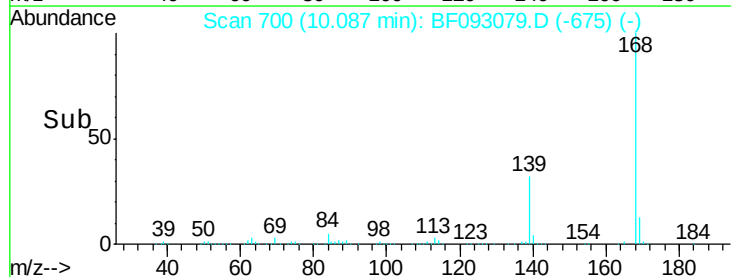
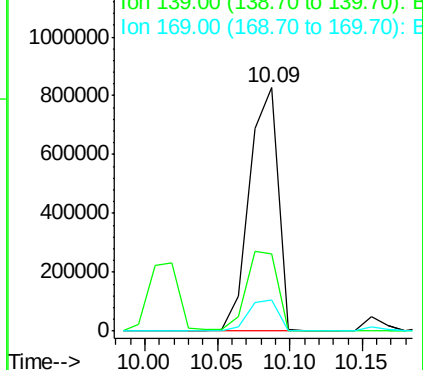


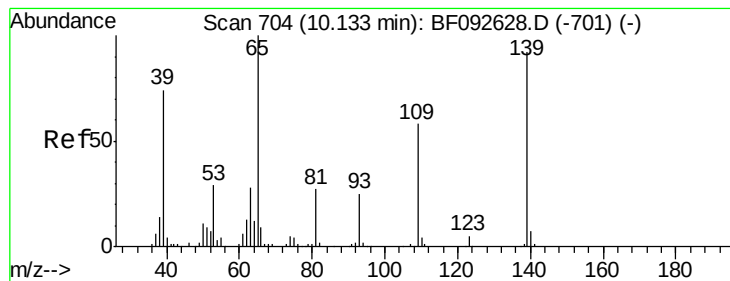
#54
 Dibenzofuran
 Concen: 48.86 ng
 RT: 10.09 min Scan# 700
 Delta R.T. -0.01 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Tgt Ion:168 Resp: 1130584
 Ion Ratio Lower Upper
 168 100
 139 31.6 32.6 49.0#
 169 13.0 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: 96.31 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.00 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97097BS

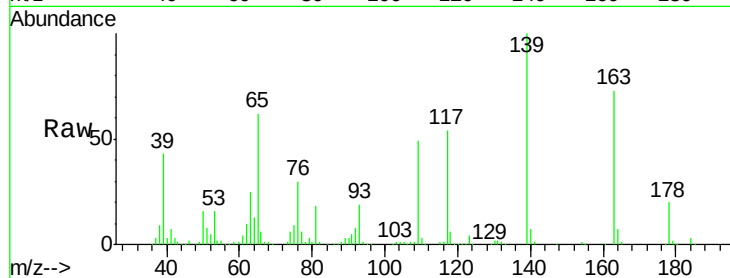
Tgt Ion:139 Resp: 341459

Ion Ratio Lower Upper

139 100

109 49.2 52.2 92.2#

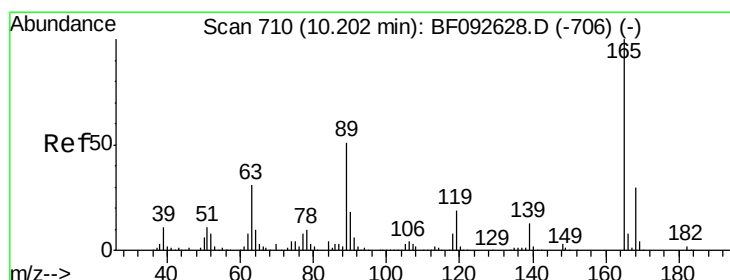
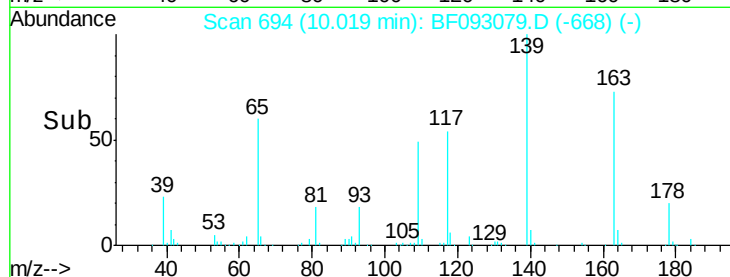
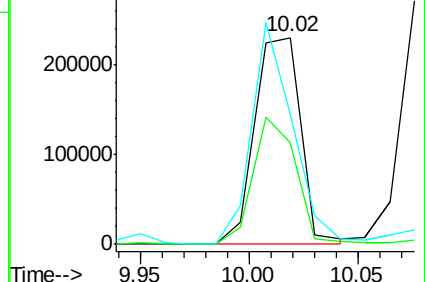
65 62.4 85.8 125.8#



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: 52.03 ng

RT: 10.08 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Tgt Ion:165 Resp: 297935

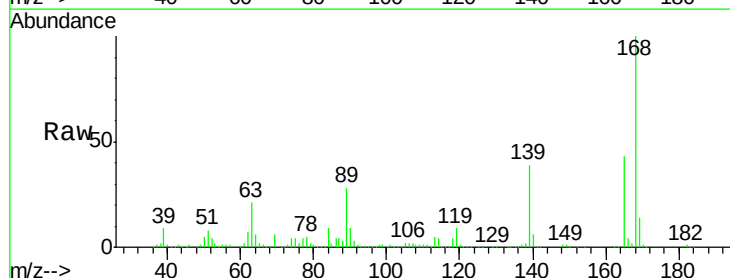
Ion Ratio Lower Upper

165 100

63 49.4 40.2 60.4

89 65.3 62.5 93.7

182 2.4 1.8 2.8

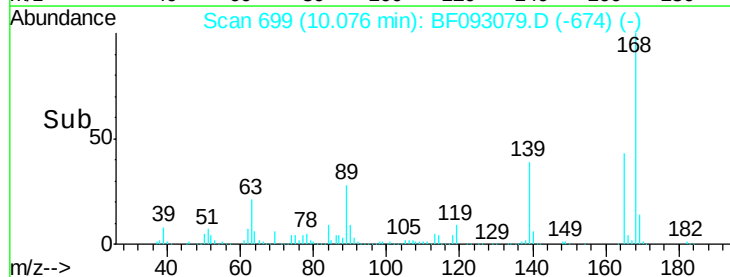
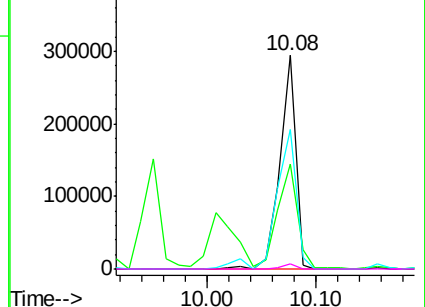


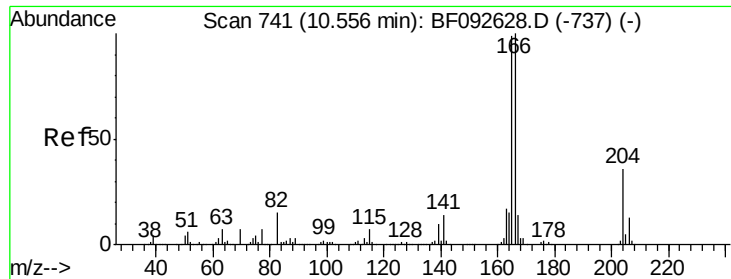
Abundance Ion 165.00 (164.70 to 165.70): E

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

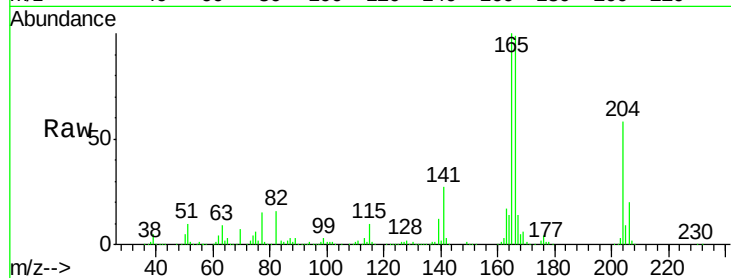




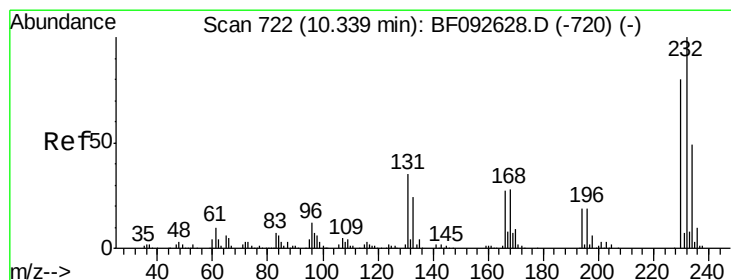
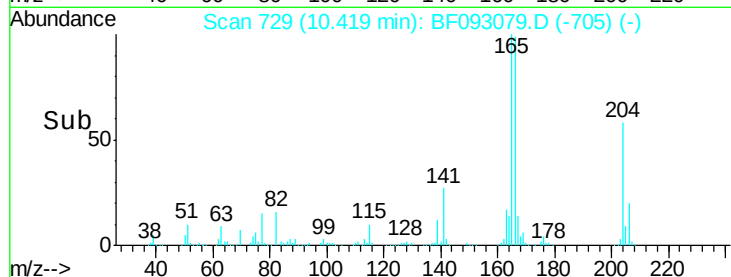
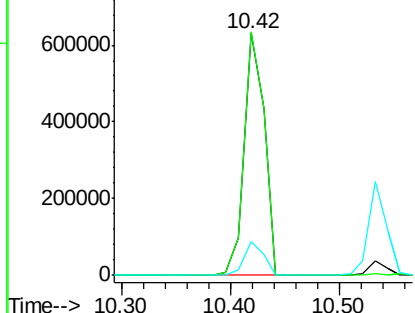
#57
Fluorene
 Concen: 45.37 ng
 RT: 10.42 min Scan# 729
 Delta R.T. -0.02 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampleId :
 PB97097BS

Tgt Ion:166 Resp: 807639
 Ion Ratio Lower Upper
 166 100
 165 100.6 77.8 116.8
 167 14.0 10.8 16.2

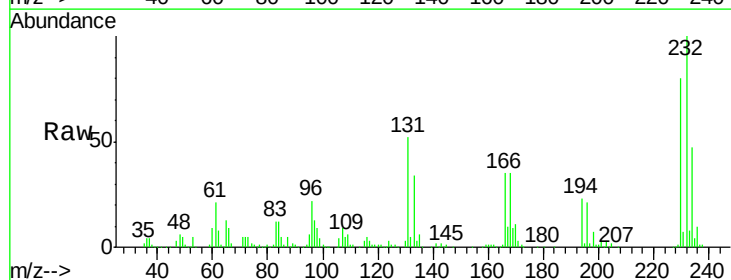


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

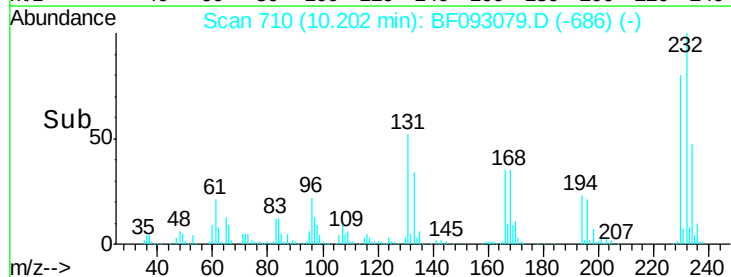
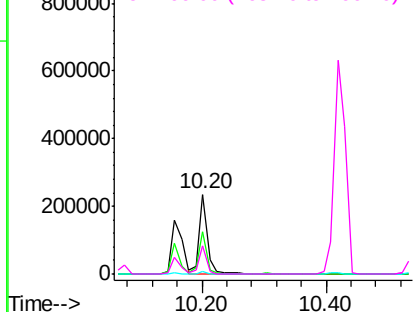


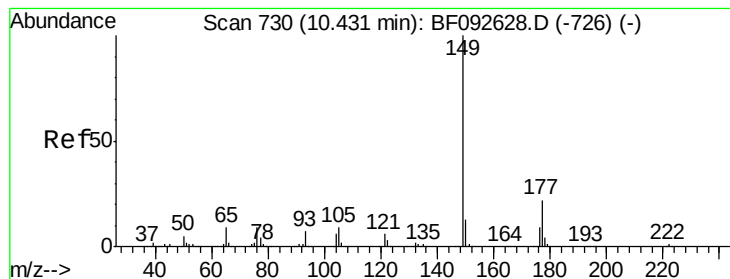
#58
2,3,4,6-Tetrachlorophenol
 Concen: 55.74 ng
 RT: 10.20 min Scan# 710
 Delta R.T. -0.02 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Tgt Ion:232 Resp: 222206
 Ion Ratio Lower Upper
 232 100
 131 49.1 40.1 60.1
 130 2.4 1.8 2.8
 166 32.0 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: 52.90 ng

RT: 10.30 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97097BS

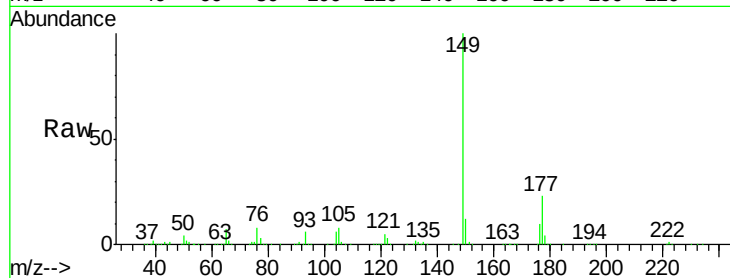
Tgt Ion:149 Resp: 993006

Ion Ratio Lower Upper

149 100

177 23.5 16.6 25.0

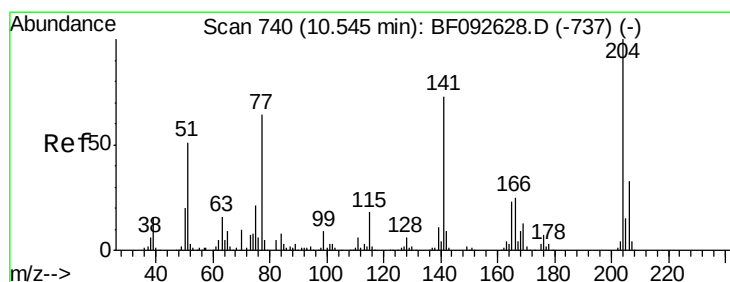
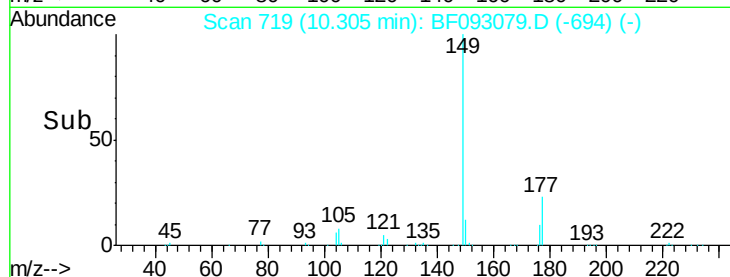
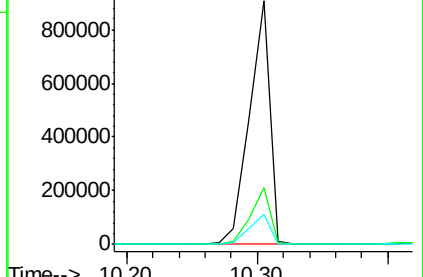
150 12.2 10.4 15.6



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: 47.20 ng

RT: 10.42 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

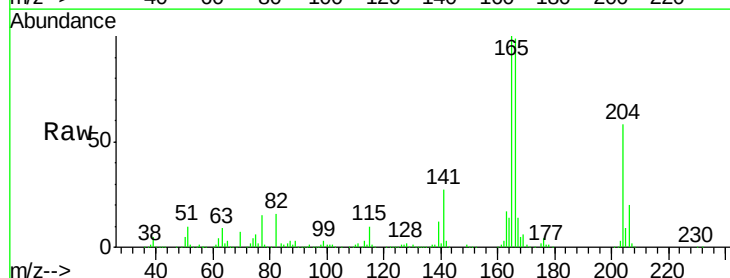
Tgt Ion:204 Resp: 403681

Ion Ratio Lower Upper

204 100

206 35.0 25.8 38.6

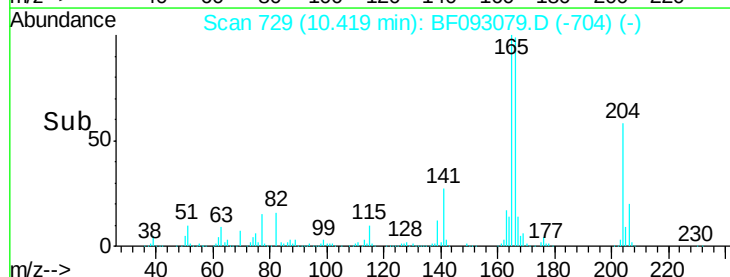
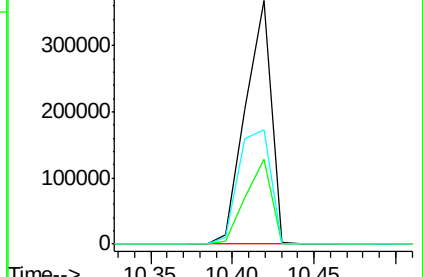
141 47.1 59.4 89.0#

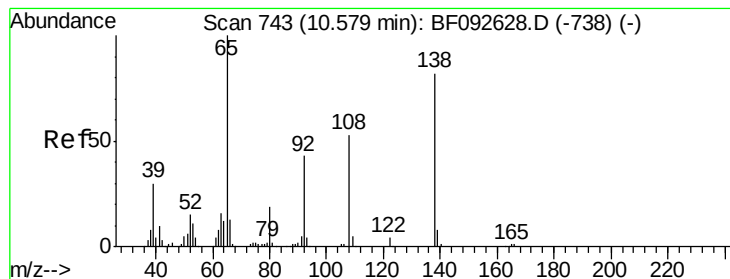


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 45.32 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97097BS

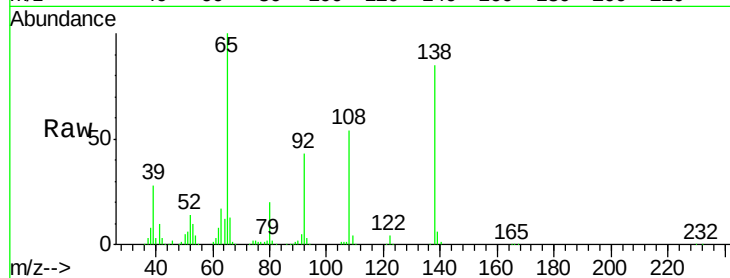
Tgt Ion:138 Resp: 228513

Ion Ratio Lower Upper

138 100

92 50.5 31.7 71.7

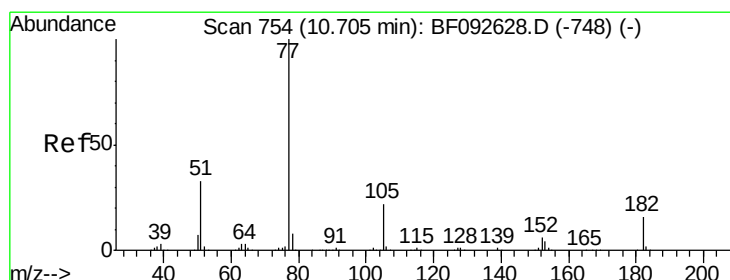
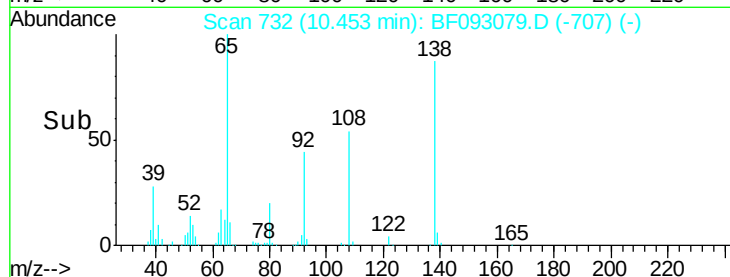
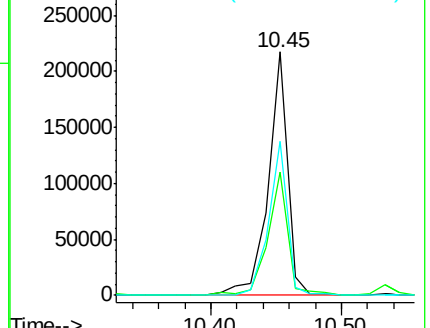
108 63.4 52.6 92.6



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: 55.42 ng

RT: 10.58 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Tgt Ion: 77 Resp: 1074618

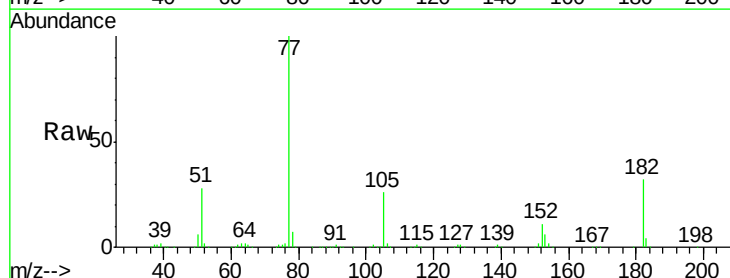
Ion Ratio Lower Upper

77 100

182 32.3 0.0 39.3

105 26.3 2.3 42.3

51 27.8 8.9 48.9

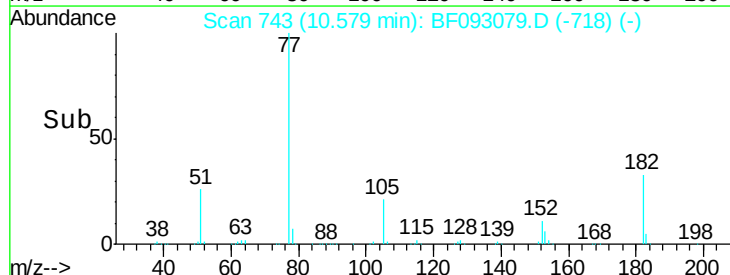
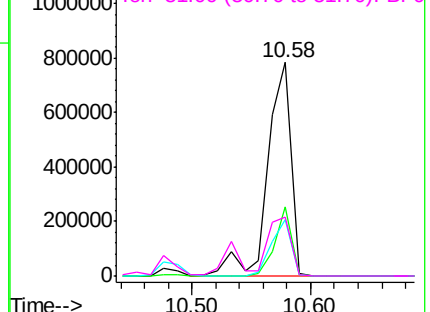


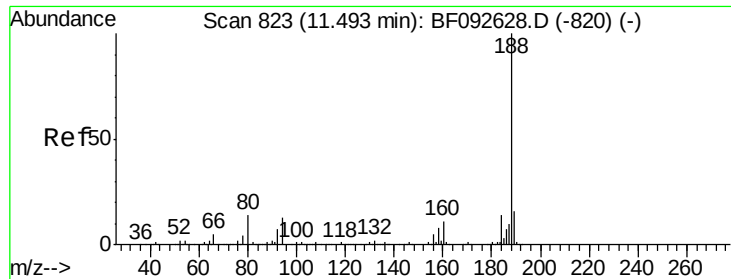
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

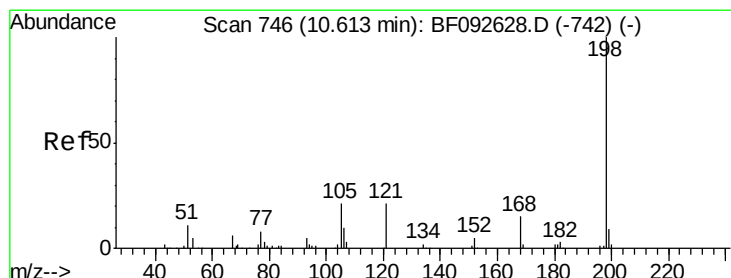
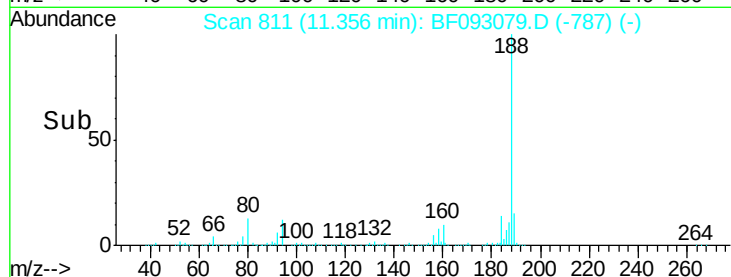
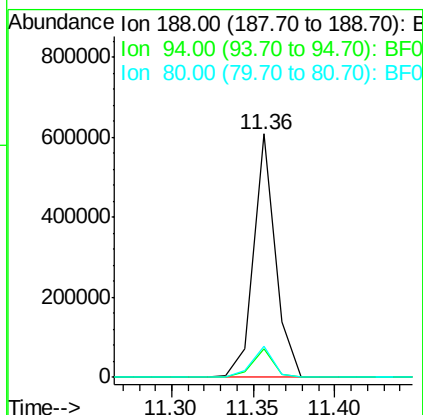
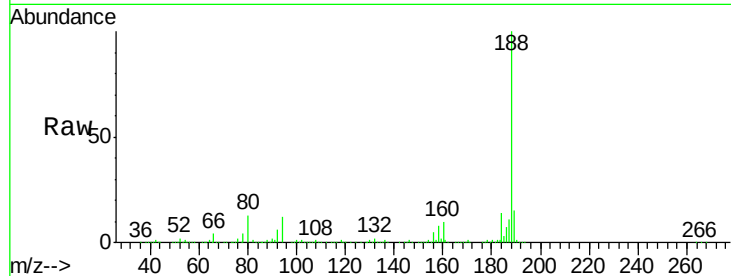




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

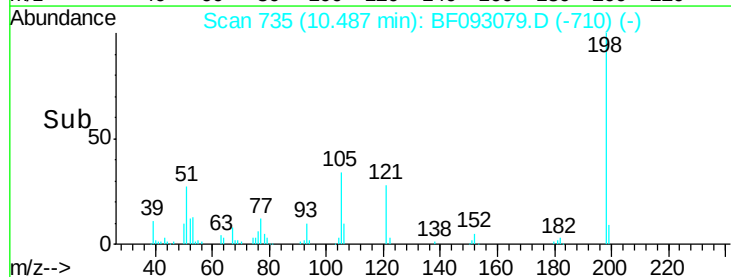
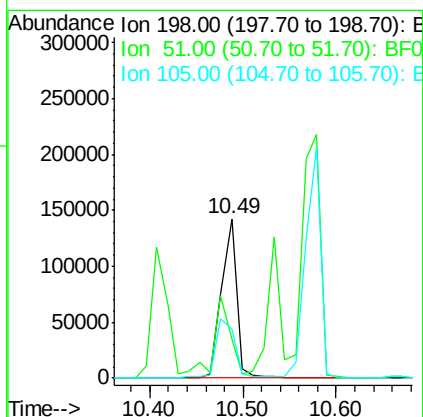
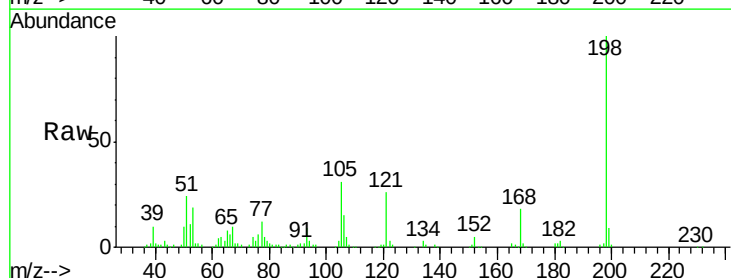
Instrument :
BNA_F
ClientSampleId :
PB97097BS

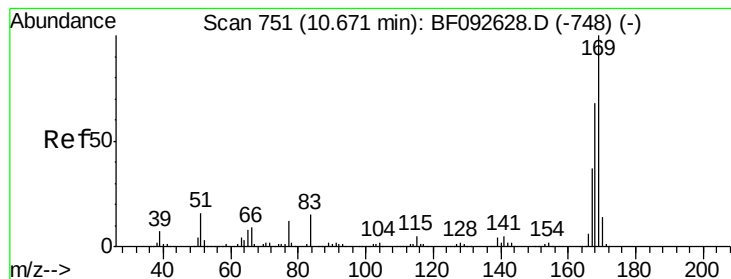
Tgt Ion:188 Resp: 565567
Ion Ratio Lower Upper
188 100
94 11.6 10.0 15.0
80 12.7 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 47.21 ng
RT: 10.49 min Scan# 735
Delta R.T. -0.01 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion:198 Resp: 162357
Ion Ratio Lower Upper
198 100
51 24.0 6.7 46.7
105 30.8 16.6 56.6





#65

n-Nitrosodiphenylamine

Concen: 40.60 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97097BS

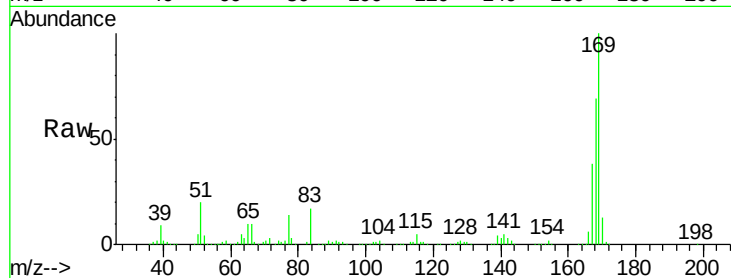
Tgt Ion:169 Resp: 733587

Ion Ratio Lower Upper

169 100

168 69.4 54.2 81.2

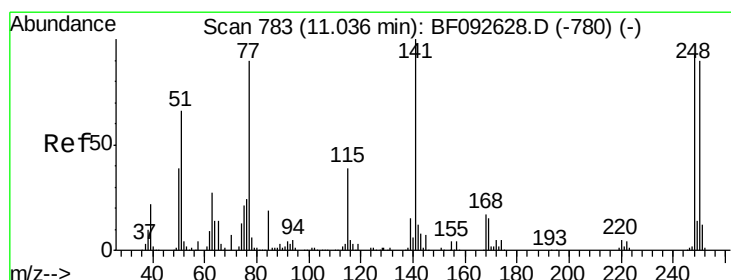
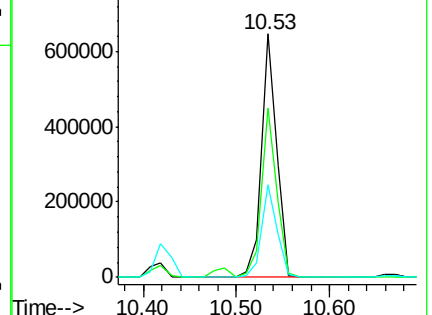
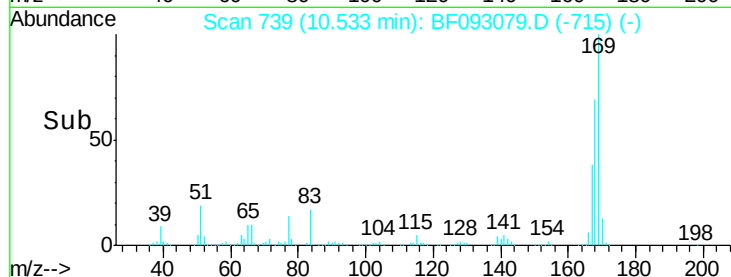
167 37.9 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 40.55 ng

RT: 10.90 min Scan# 771

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

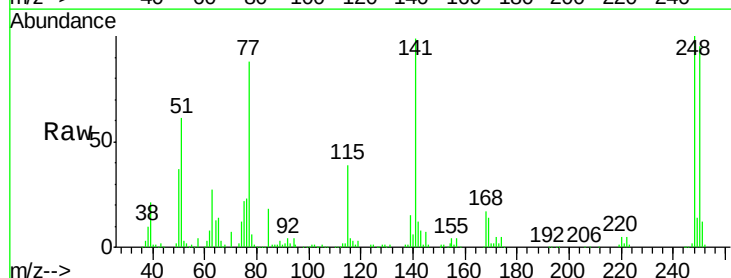
Tgt Ion:248 Resp: 239609

Ion Ratio Lower Upper

248 100

250 95.3 76.9 115.3

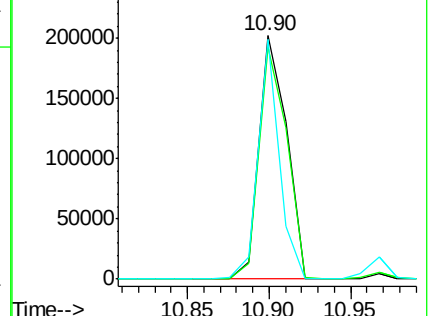
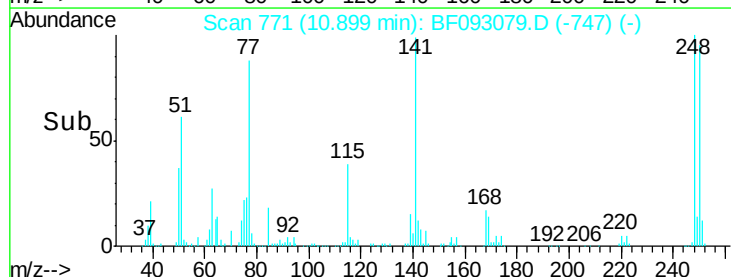
141 98.7 68.2 102.4

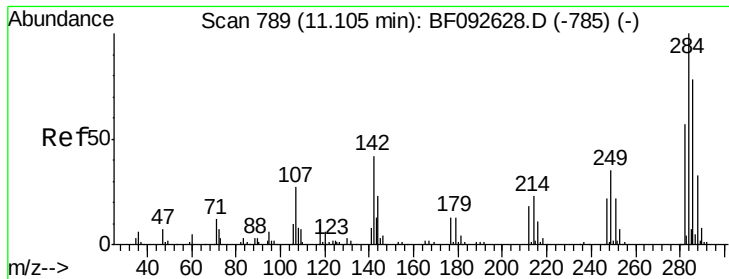


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

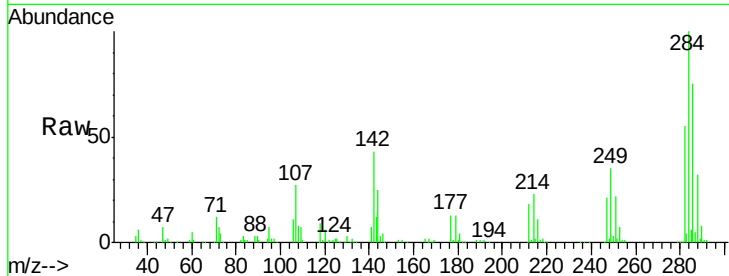




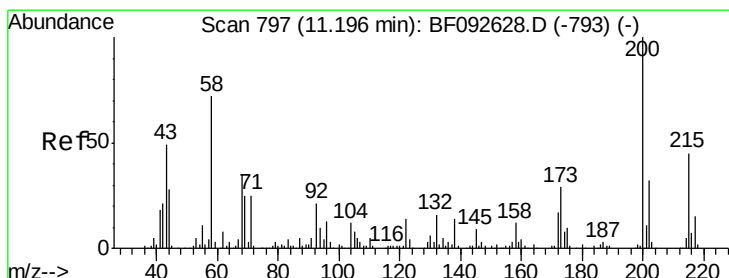
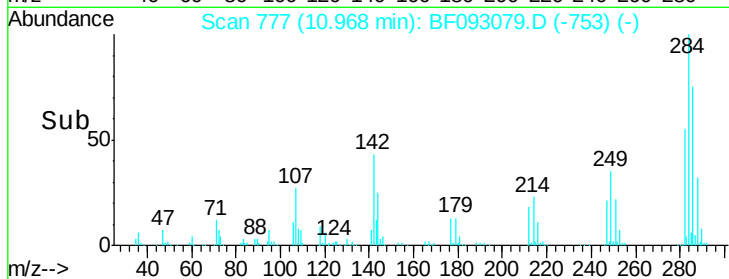
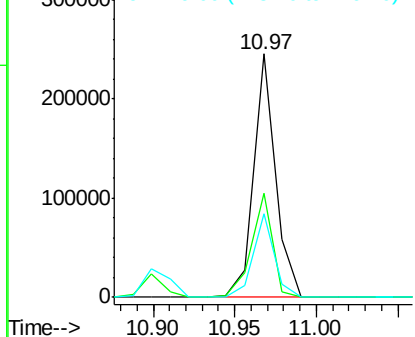
#67
Hexachlorobenzene
Concen: 39.23 ng
RT: 10.97 min Scan# 777
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Instrument :
BNA_F
ClientSampleId :
PB97097BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.9	22.6	33.8
249	34.6	25.4	38.0

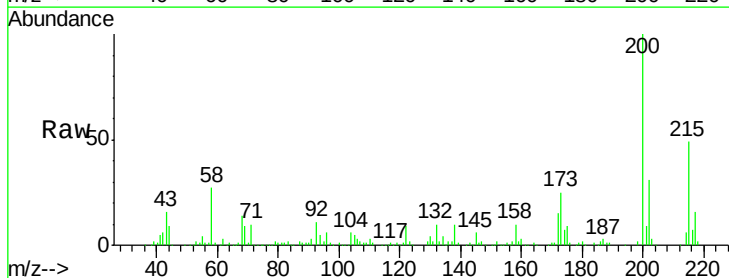


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

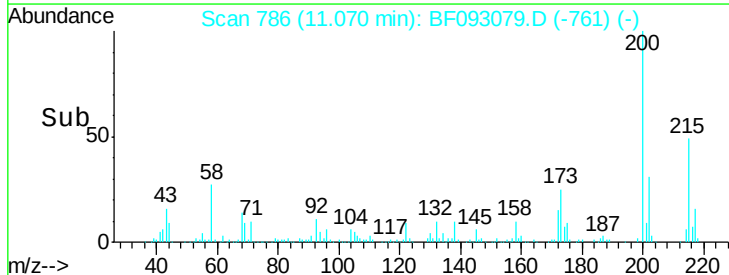
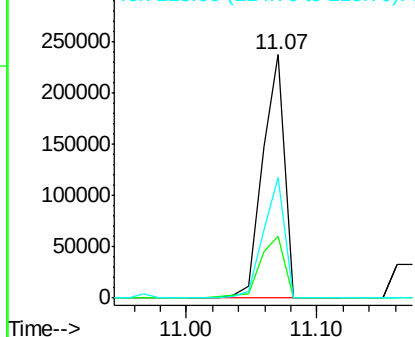


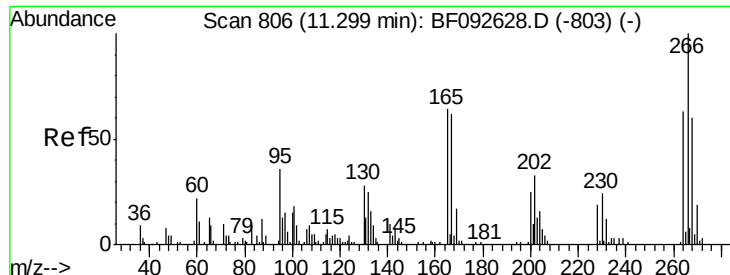
#68
Atrazine
Concen: 47.61 ng
RT: 11.07 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.3	9.6	49.6
215	49.4	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

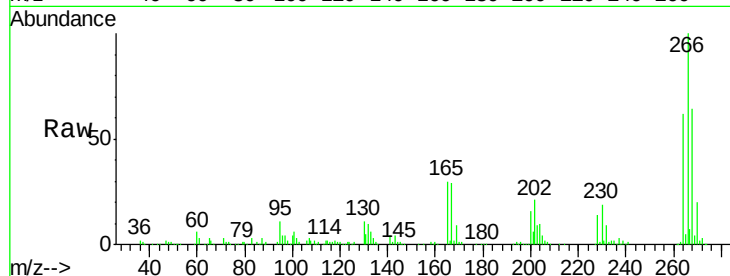




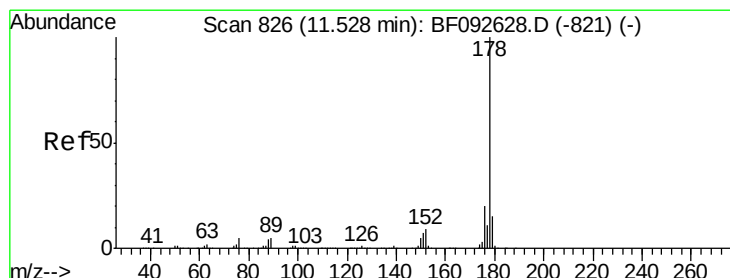
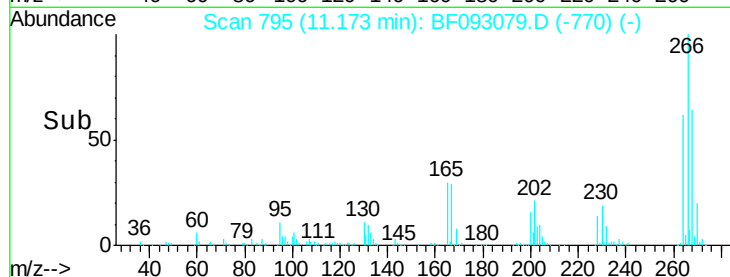
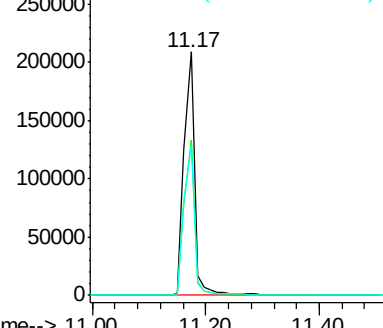
#69
 Pentachlorophenol
 Concen: 85.90 ng
 RT: 11.17 min Scan# 795
 Delta R.T. -0.01 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Instrument :
 BNA_F
 ClientSampled :
 PB97097BS

Tgt Ion:266 Resp: 260696
 Ion Ratio Lower Upper
 266 100
 268 63.7 53.3 79.9
 264 61.8 50.3 75.5

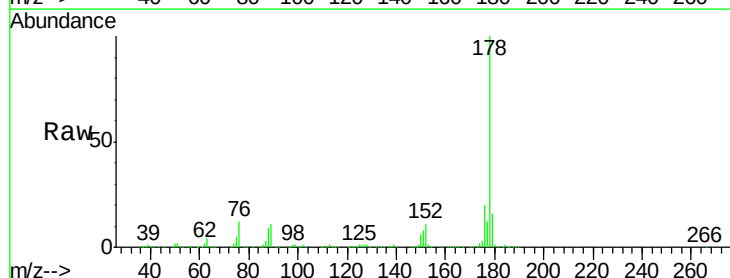


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

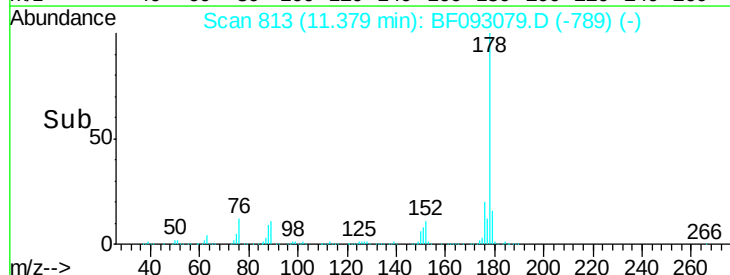
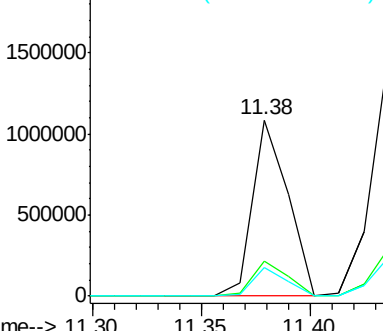


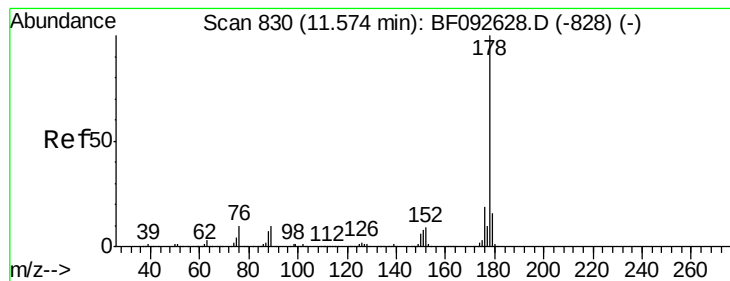
#70
 Phenanthrene
 Concen: 38.22 ng
 RT: 11.38 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Tgt Ion:178 Resp: 1238486
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.6 25.0
 179 16.0 12.8 19.2



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





#71

Anthracene

Concen: 42.04 ng

RT: 11.44 min Scan# 818

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97097BS

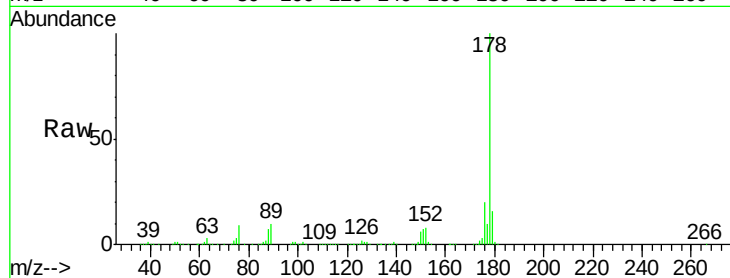
Tgt Ion:178 Resp: 1367869

Ion Ratio Lower Upper

178 100

176 19.7 15.9 23.9

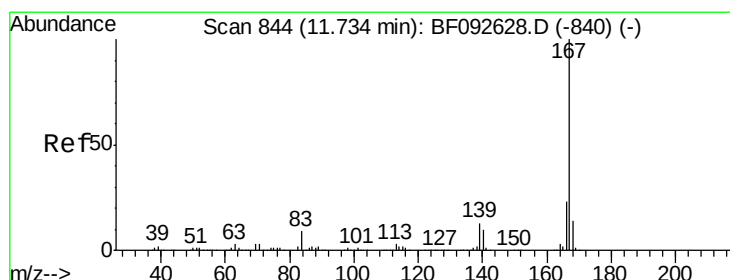
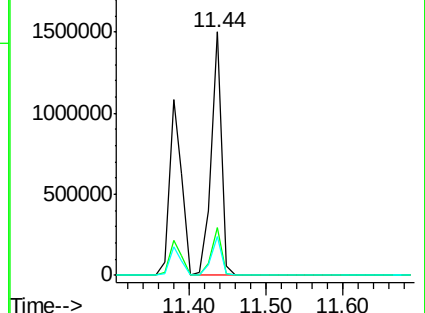
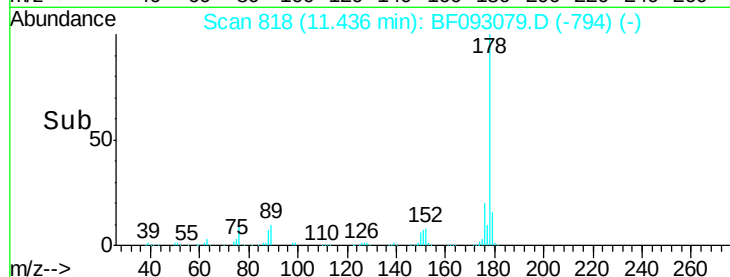
179 16.0 13.2 19.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 42.78 ng

RT: 11.60 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

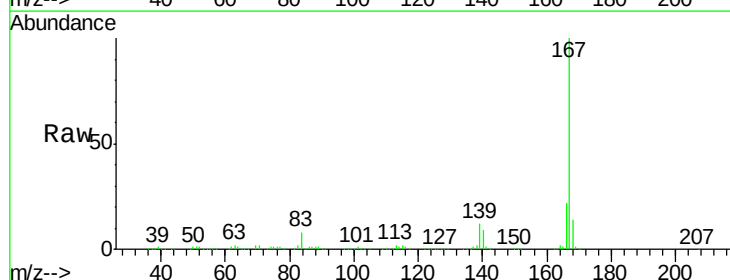
Tgt Ion:167 Resp: 1330746

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

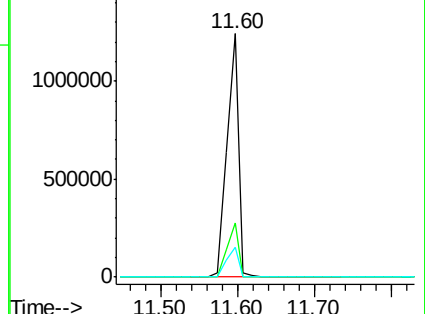
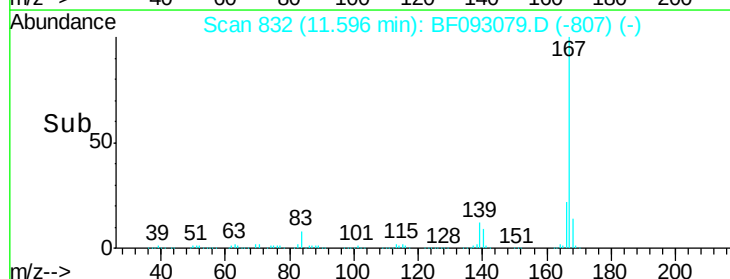
139 12.4 11.4 17.2

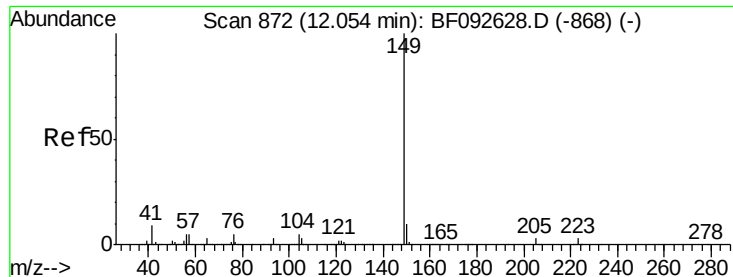


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

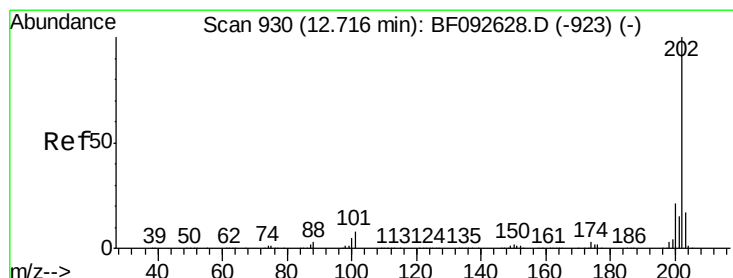
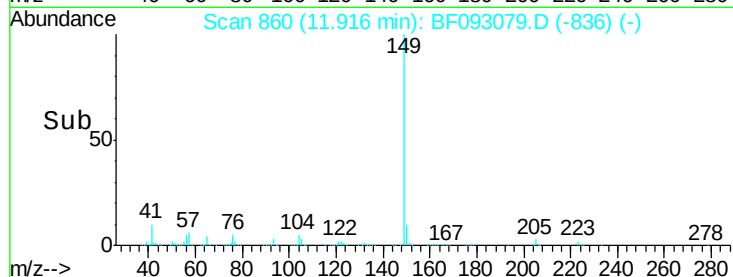
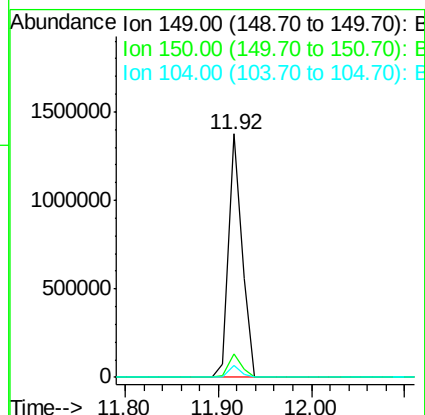
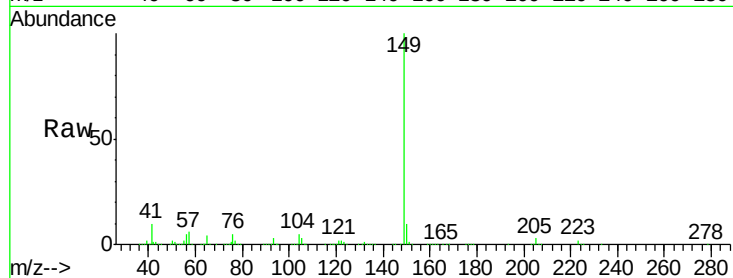




#73
Di-n-butylphthalate
Concen: 41.08 ng
RT: 11.92 min Scan# 860
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

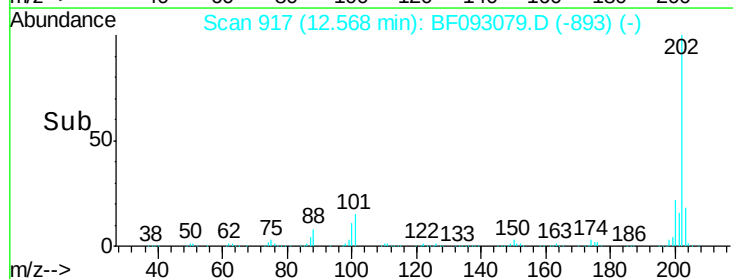
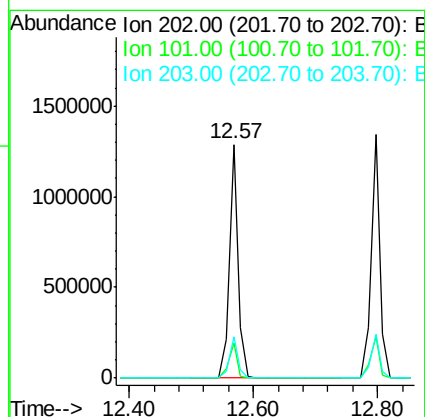
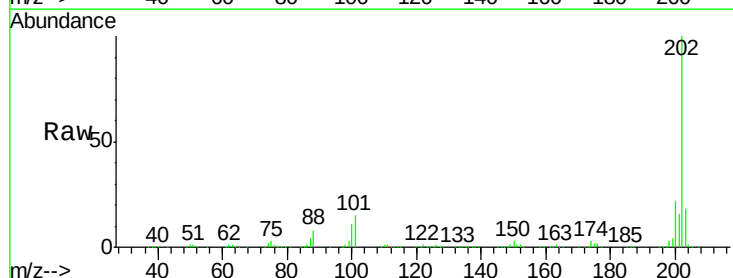
Instrument :
BNA_F
ClientSampleId :
PB97097BS

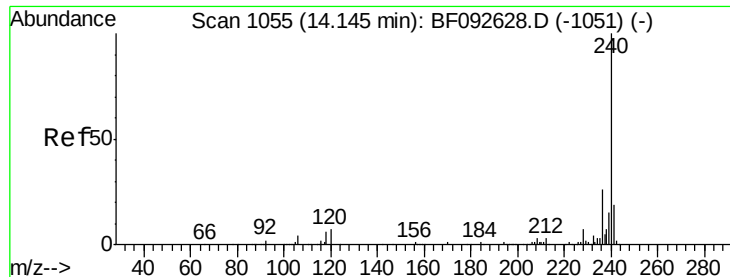
Tgt Ion:149 Resp: 1381967
Ion Ratio Lower Upper
149 100
150 9.6 8.1 12.1
104 4.9 4.6 7.0



#74
Fluoranthene
Concen: 36.89 ng
RT: 12.57 min Scan# 917
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion:202 Resp: 1233036
Ion Ratio Lower Upper
202 100
101 15.0 0.0 34.6
203 17.9 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97097BS

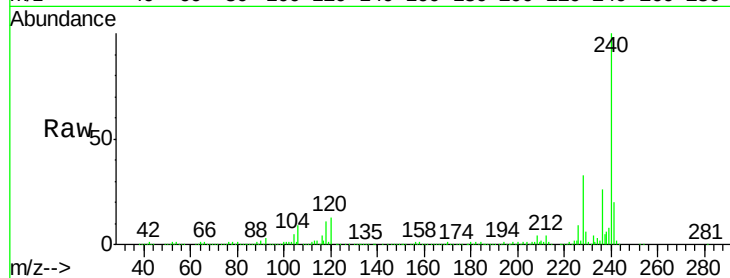
Tgt Ion:240 Resp: 522645

Ion Ratio Lower Upper

240 100

120 13.1 12.9 19.3

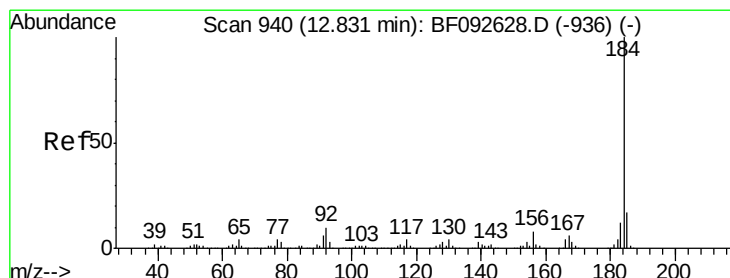
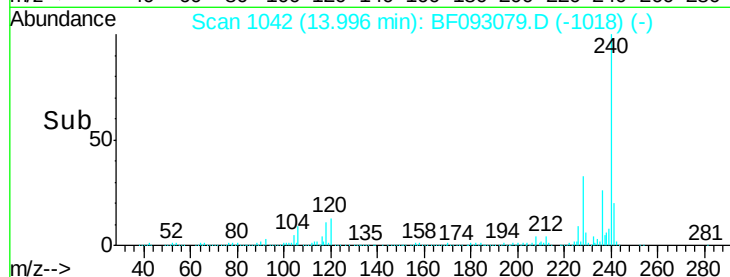
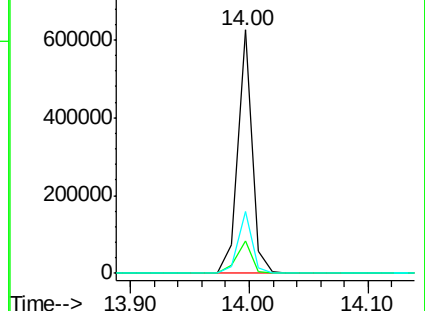
236 25.6 20.9 31.3



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: 20.93 ng

RT: 12.69 min Scan# 928

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

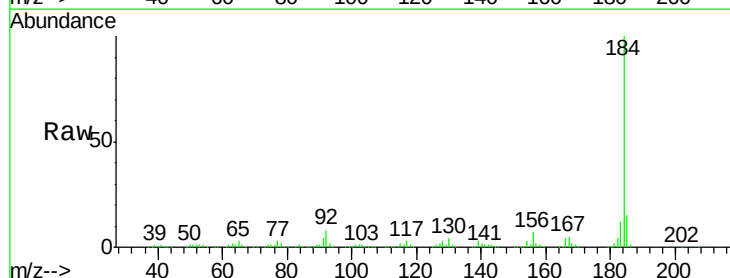
Tgt Ion:184 Resp: 466226

Ion Ratio Lower Upper

184 100

185 14.9 13.4 20.0

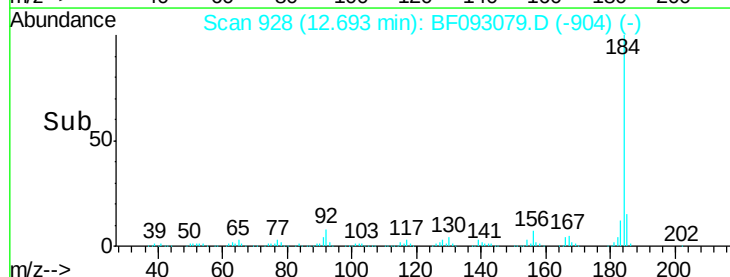
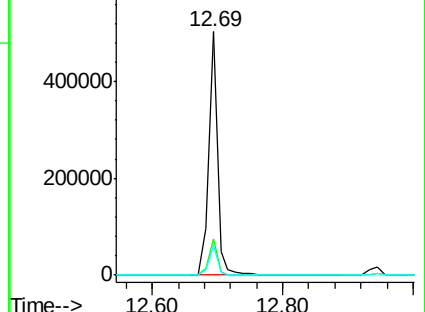
183 12.2 9.2 13.8

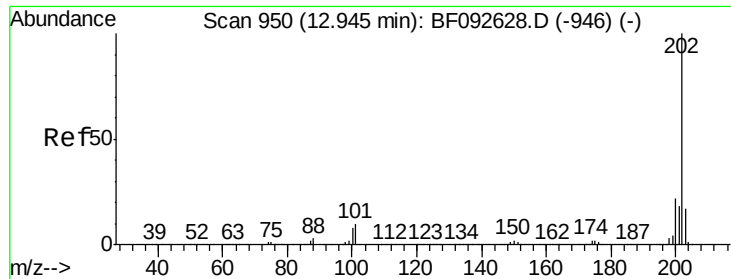


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pyrene

Concen: 33.04 ng

RT: 12.80 min Scan# 937

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97097BS

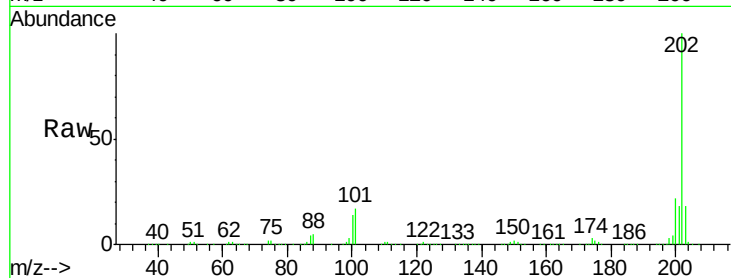
Tgt Ion:202 Resp: 1292307

Ion Ratio Lower Upper

202 100

200 22.2 17.7 26.5

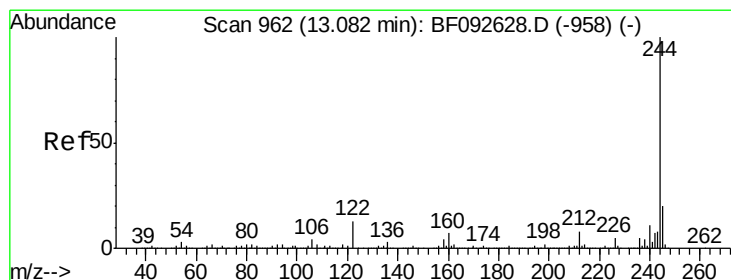
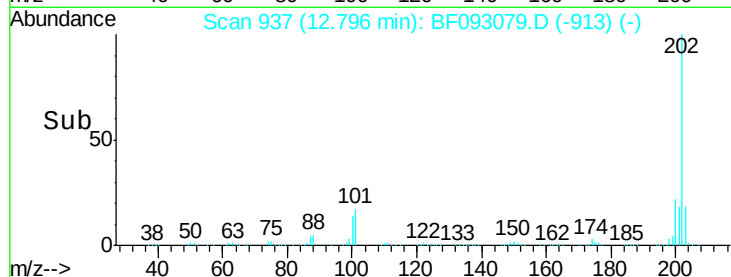
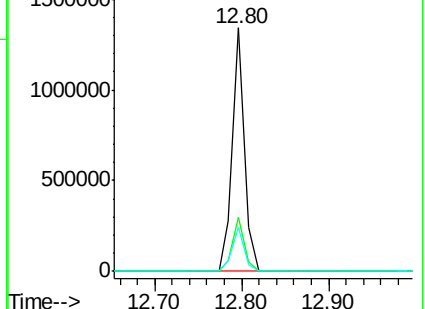
203 17.8 14.7 22.1



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: 68.88 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

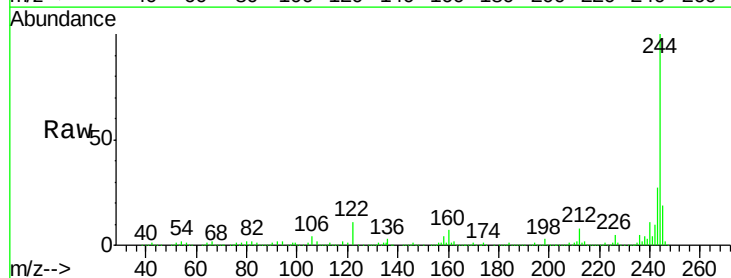
Tgt Ion:244 Resp: 1532133

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

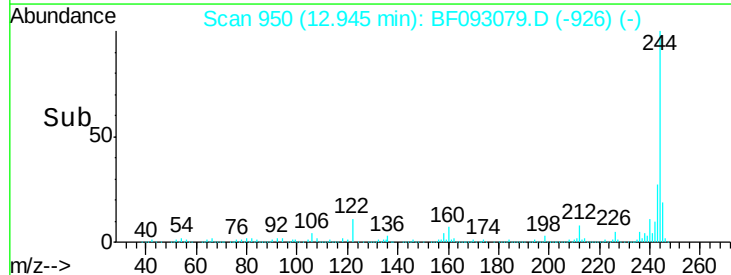
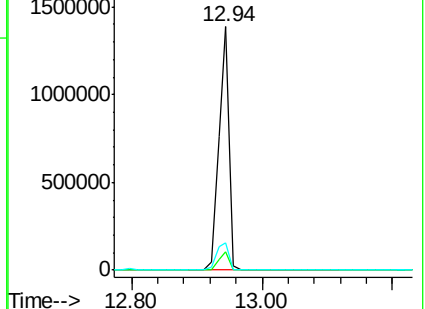
122 11.0 11.4 17.2

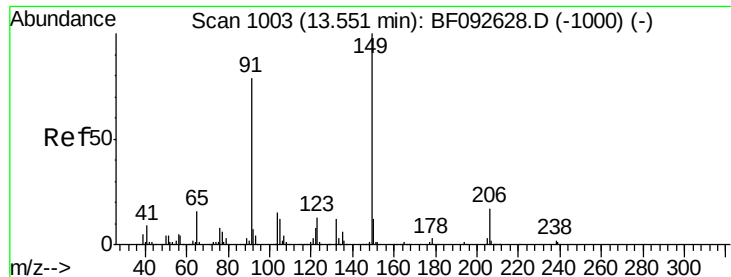


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 38.95 ng

RT: 13.41 min Scan# 991

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97097BS

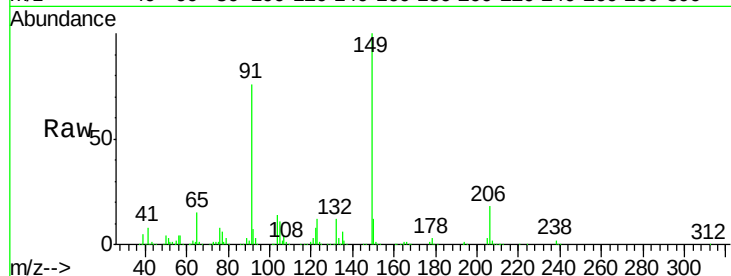
Tgt Ion:149 Resp: 618683

Ion Ratio Lower Upper

149 100

91 76.0 63.9 95.9

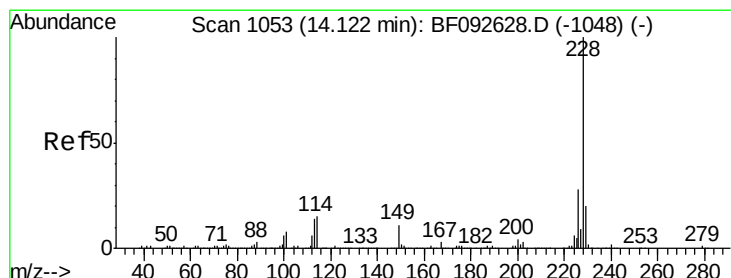
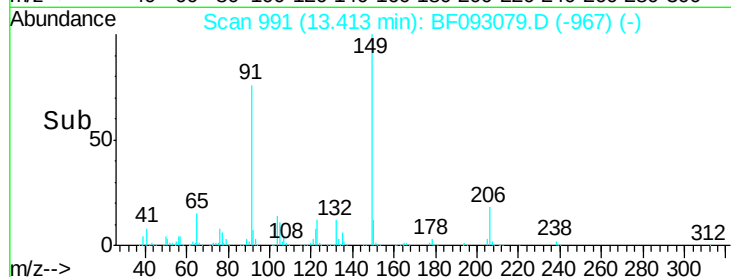
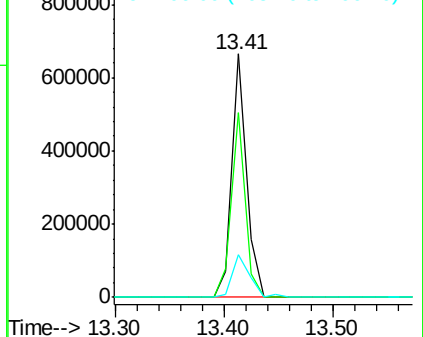
206 17.5 14.6 21.8



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: 36.09 ng

RT: 13.98 min Scan# 1041

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

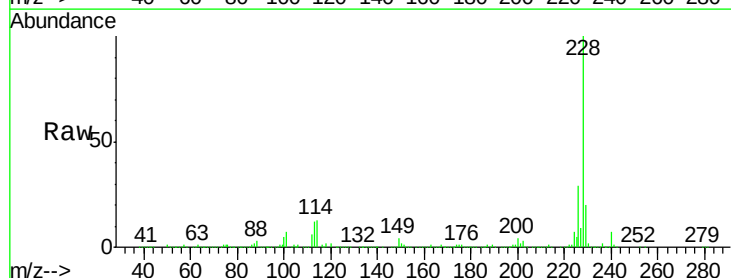
Tgt Ion:228 Resp: 1153681

Ion Ratio Lower Upper

228 100

226 28.8 22.4 33.6

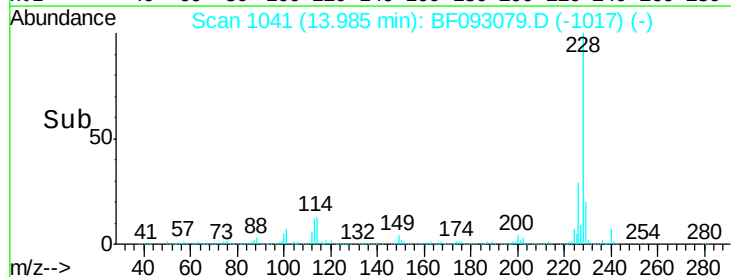
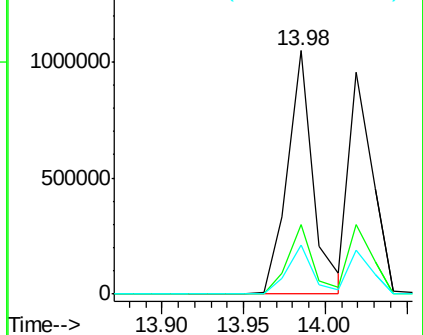
229 20.1 16.2 24.4

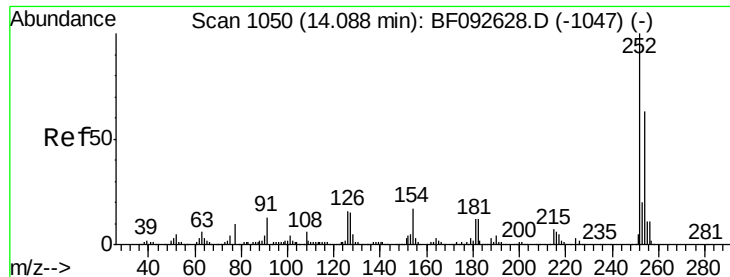


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

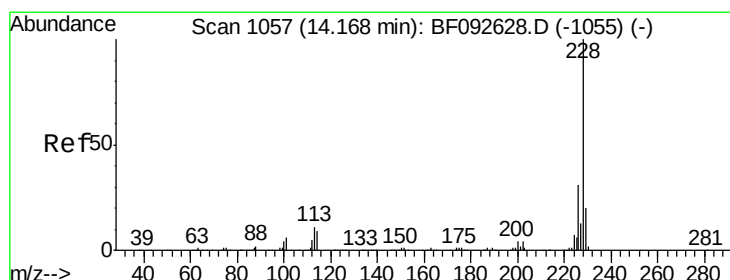
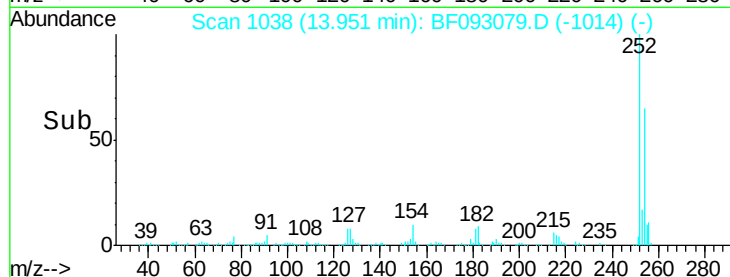
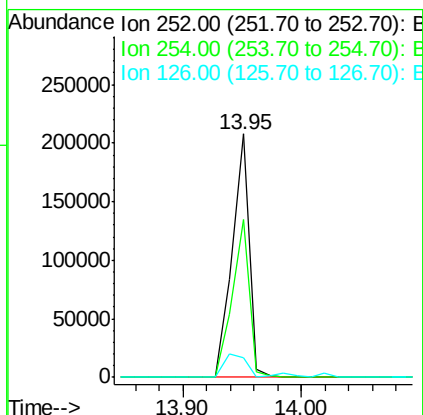
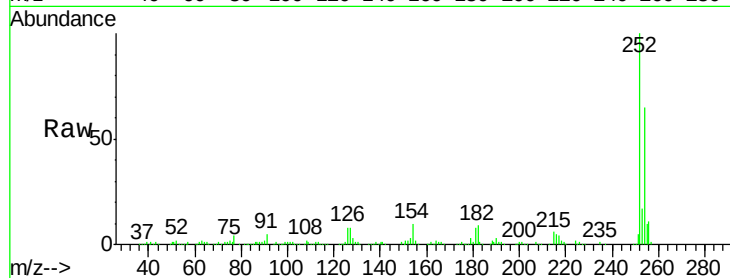




#81
 3,3'-Dichlorobenzidine
 Concen: 18.17 ng
 RT: 13.95 min Scan# 1038
 Delta R.T. -0.02 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

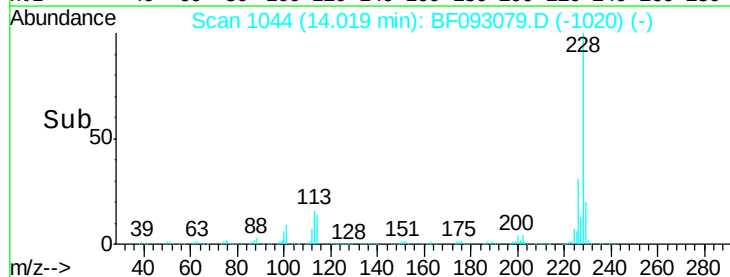
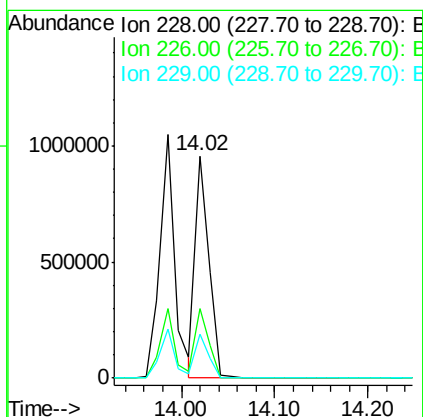
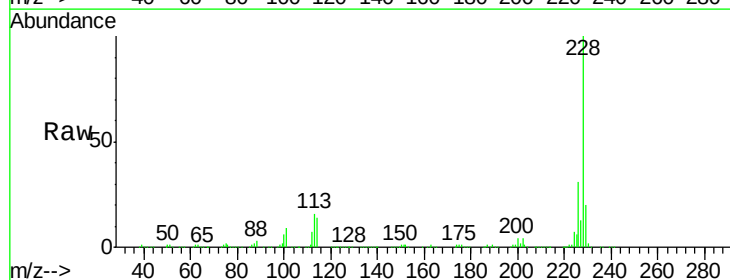
Instrument :
 BNA_F
 ClientSampleId :
 PB97097BS

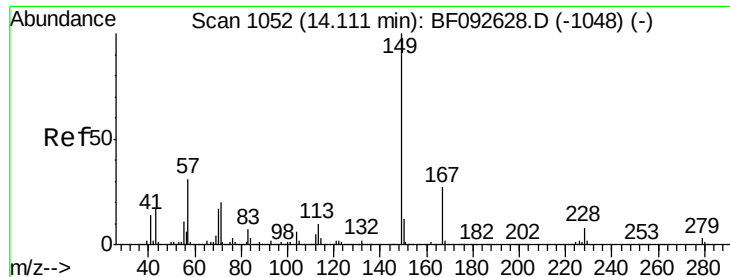
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.3	78.5
126	8.0	13.6	20.4



#82
 Chrysene
 Concen: 32.87 ng
 RT: 14.02 min Scan# 1044
 Delta R.T. -0.02 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.4	38.0
229	20.0	16.2	24.2

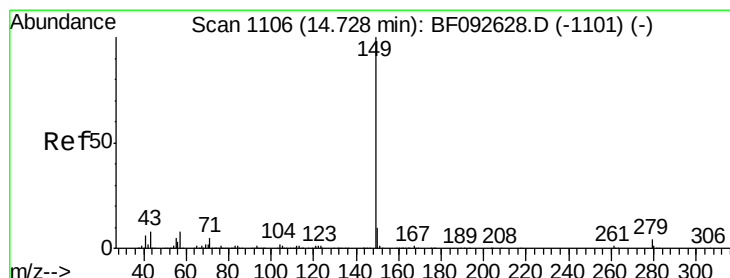
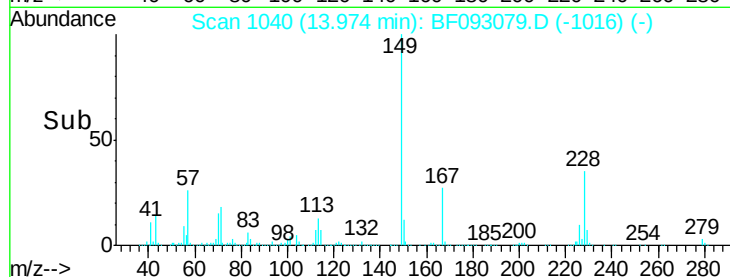
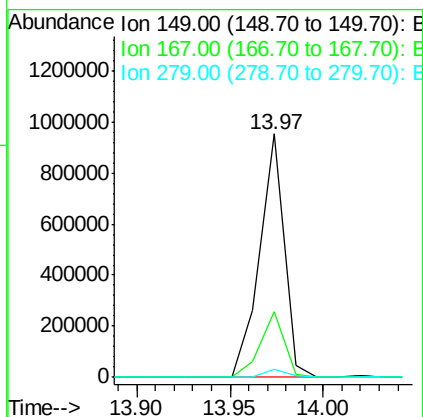
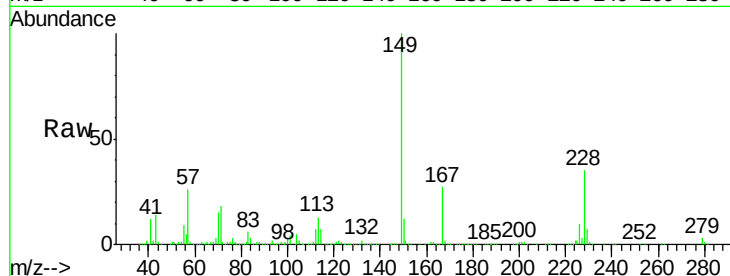




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.99 ng
 RT: 13.97 min Scan# 1040
 Delta R.T. -0.02 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

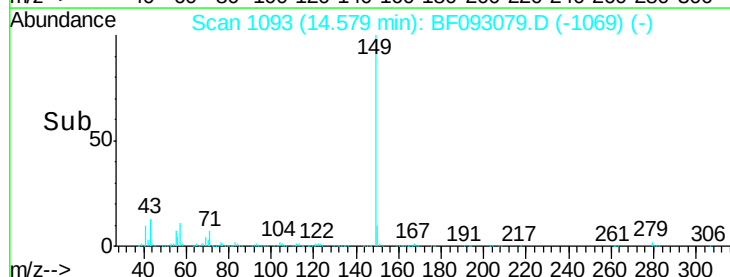
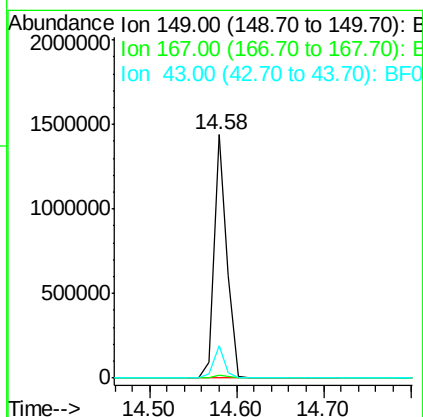
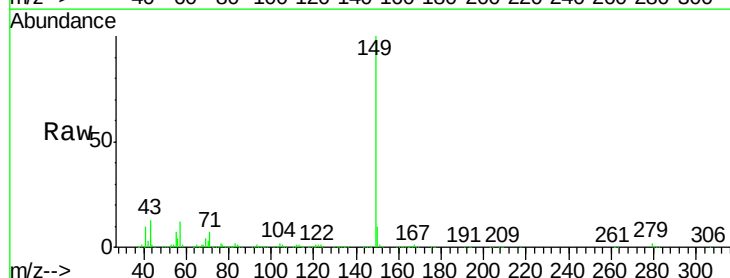
Instrument :
 BNA_F
 ClientSampleId :
 PB97097BS

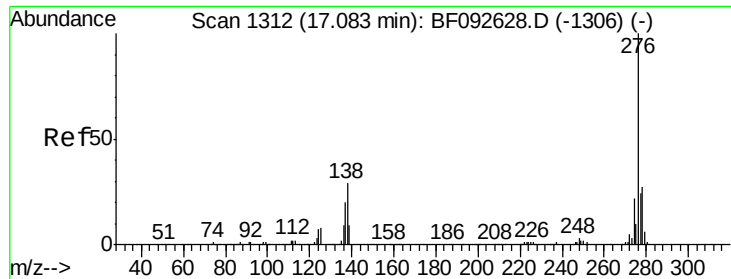
Tgt Ion:149 Resp: 868632
 Ion Ratio Lower Upper
 149 100
 167 26.9 20.2 30.4
 279 3.3 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 42.02 ng
 RT: 14.58 min Scan# 1093
 Delta R.T. -0.02 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Tgt Ion:149 Resp: 1486242
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.3 8.9 13.3

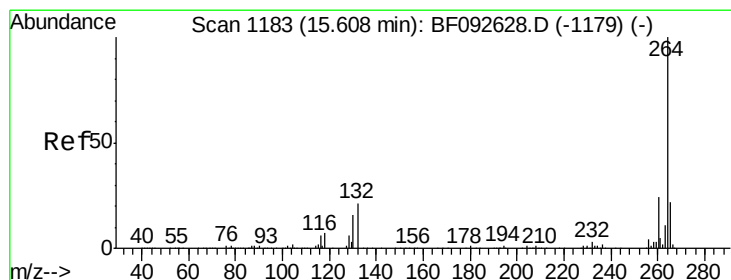
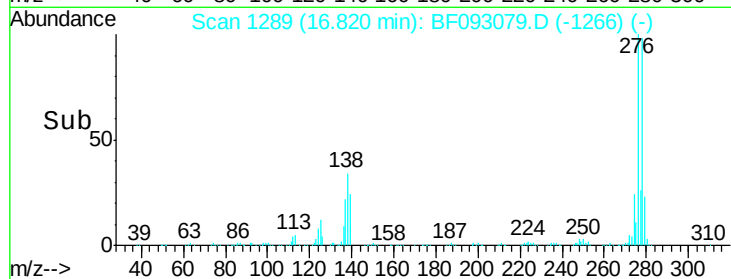
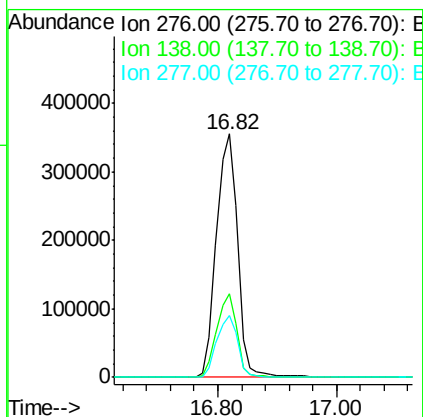
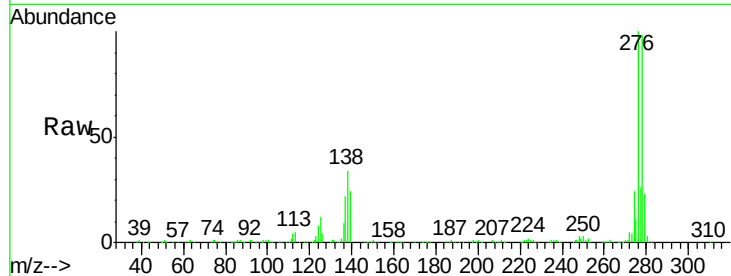




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.99 ng
 RT: 16.82 min Scan# 1289
 Delta R.T. -0.03 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

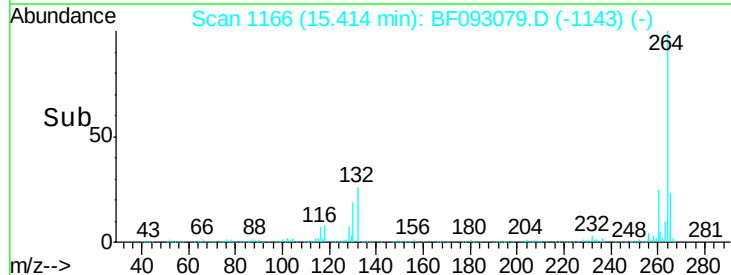
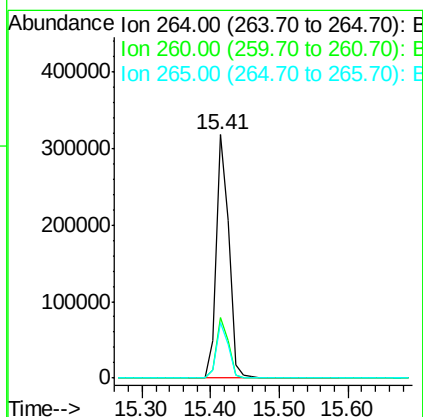
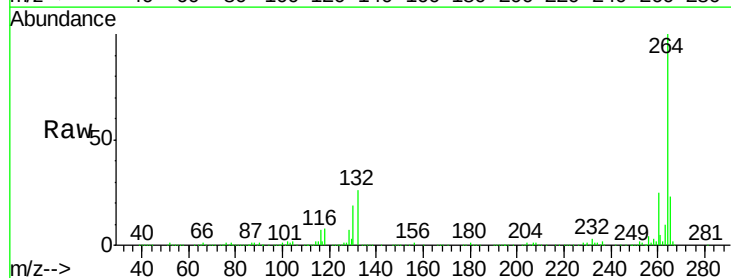
Instrument :
 BNA_F
 ClientSampleId :
 PB97097BS

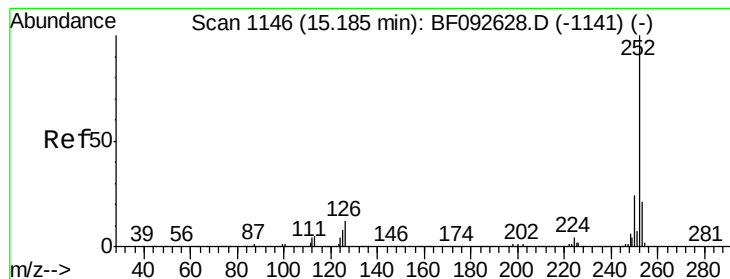
Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.0	21.8	32.6#
277	25.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.03 min
 Lab File: BF093079.D
 Acq: 22 Feb 2017 17:01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.2	28.8
265	22.6	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 41.03 ng

RT: 15.01 min Scan# 1131

Delta R.T. -0.02 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97097BS

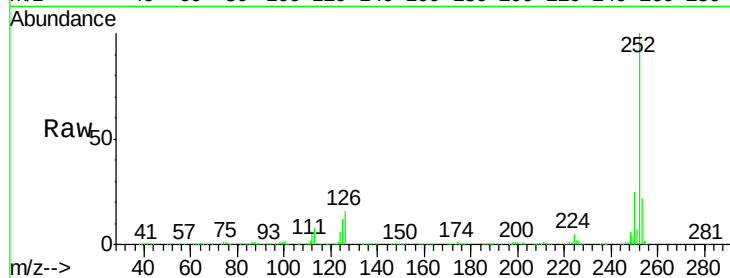
Tgt Ion:252 Resp: 1116049

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

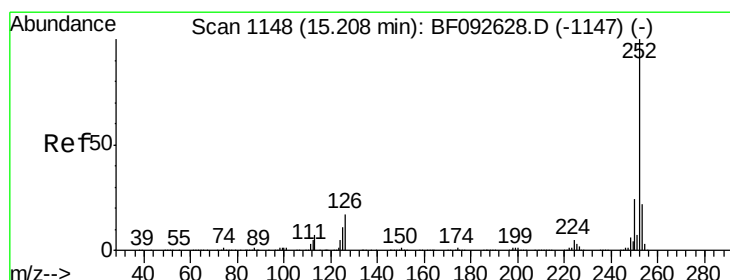
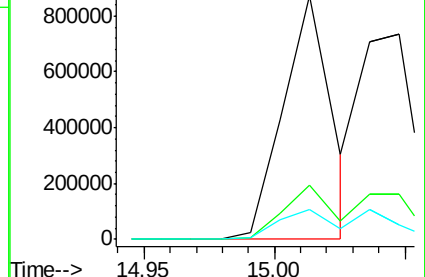
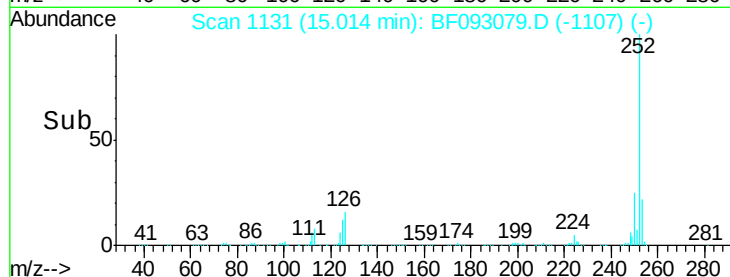
125 12.1 9.8 14.6



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: 47.52 ng

RT: 15.01 min Scan# 1131

Delta R.T. -0.06 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

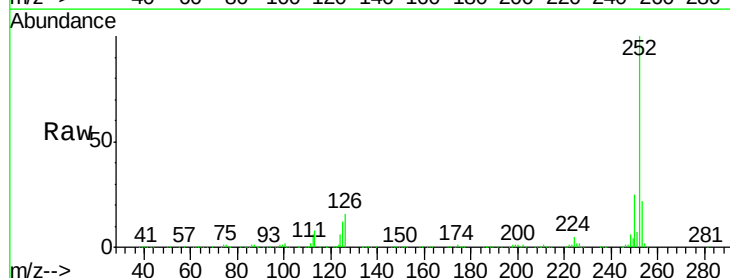
Tgt Ion:252 Resp: 1116049

Ion Ratio Lower Upper

252 100

253 22.1 18.5 27.7

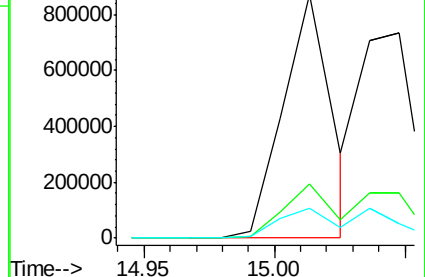
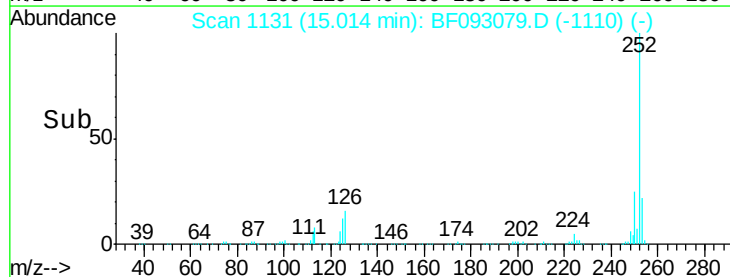
125 12.1 8.9 13.3

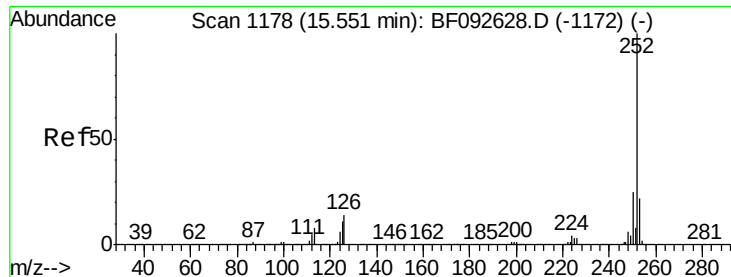


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

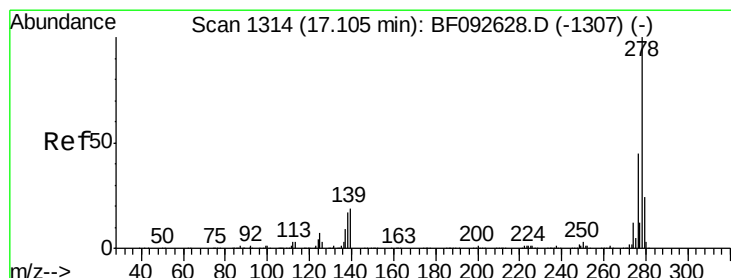
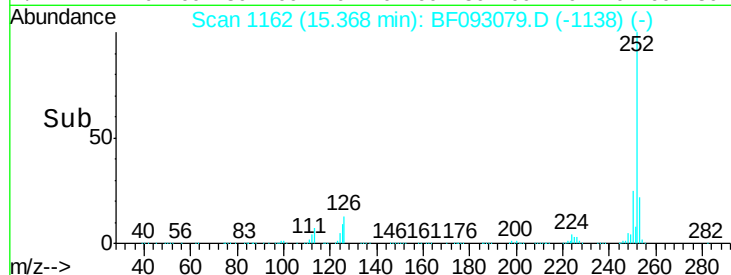
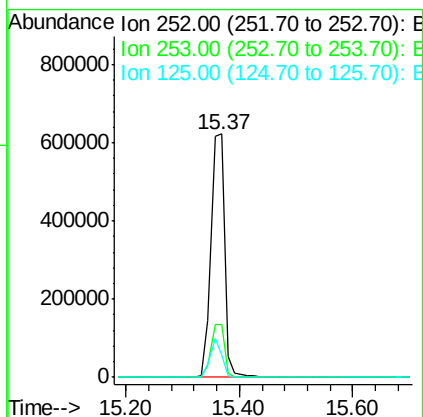
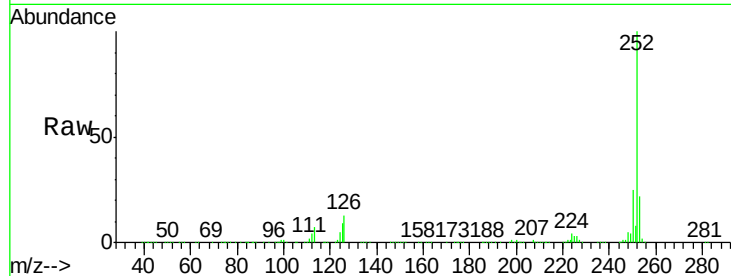




#89
Benzo(a)pyrene
Concen: 42.97 ng
RT: 15.37 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

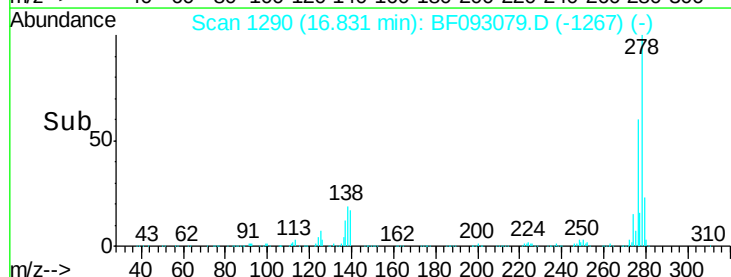
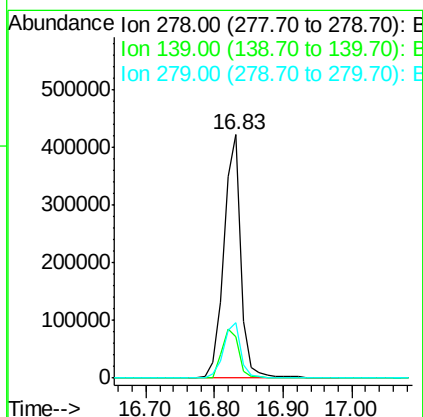
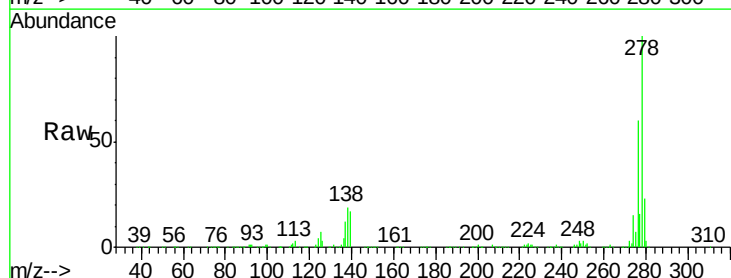
Instrument :
BNA_F
ClientSampleId :
PB97097BS

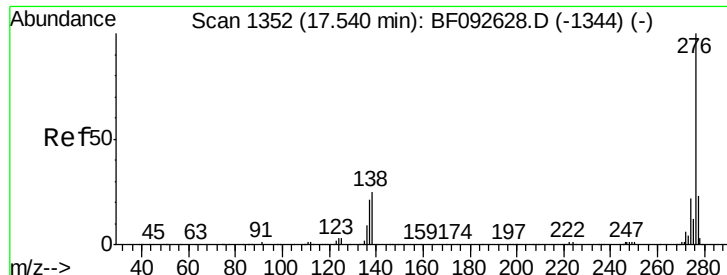
Tgt Ion: 252 Resp: 1010948
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.2
125 9.3 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 39.15 ng
RT: 16.83 min Scan# 1290
Delta R.T. -0.03 min
Lab File: BF093079.D
Acq: 22 Feb 2017 17:01

Tgt Ion: 278 Resp: 744387
Ion Ratio Lower Upper
278 100
139 17.1 14.8 22.2
279 22.8 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 38.25 ng

RT: 17.24 min Scan# 1326

Delta R.T. -0.05 min

Lab File: BF093079.D

Acq: 22 Feb 2017 17:01

Instrument :

BNA_F

ClientSampleId :

PB97097BS

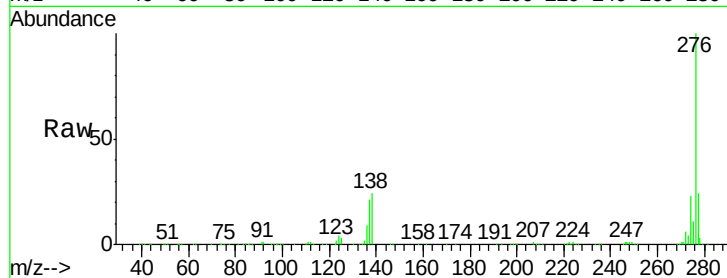
Tgt Ion:276 Resp: 734858

Ion Ratio Lower Upper

276 100

277 23.5 19.2 28.8

138 24.4 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

