

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011817\
 Data File : BF092351.D
 Acq On : 18 Jan 2017 15:13
 Operator : UM/SJ
 Sample : PB96092BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

Quant Time: Jan 19 02:35:00 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 01:06:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	148820	20.00	ng	0.00
21) Naphthalene-d8	7.83	136	815524	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	416745	20.00	ng	0.00
63) Phenanthrene-d10	11.06	188	641452	20.00	ng	0.00
75) Chrysene-d12	13.69	240	350554	20.00	ng	-0.01
86) Perylene-d12	15.03	264	374201	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.14	112	1347913	151.23	ng	0.01
7) Phenol-d6	6.22	99	1689832	155.29	ng	0.00
23) Nitrobenzene-d5	7.12	82	1149485	78.38	ng	0.00
41) 2,4,6-Tribromophenol	10.37	330	413076	119.77	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	2227471	113.90	ng	0.00
78) Terphenyl-d14	12.65	244	1763954	122.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.00	88	188164	42.88	ng	# 93
3) Pyridine	2.62	79	480110	31.35	ng	98
4) n-Nitrosodimethylamine	2.59	42	234024	40.51	ng	100
6) Aniline	6.21	93	395356	27.97	ng	# 57
8) 2-Chlorophenol	6.34	128	523634	51.65	ng	92
9) Benzaldehyde	6.10	77	29502	3.41	ng	97
10) Phenol	6.23	94	578978	46.69	ng	# 65
11) bis(2-Chloroethyl)ether	6.29	93	457430	46.36	ng	99
12) 1,3-Dichlorobenzene	6.48	146	502396	46.42	ng	97
13) 1,4-Dichlorobenzene	6.56	146	501906	45.56	ng	93
14) 1,2-Dichlorobenzene	6.71	146	451877	47.27	ng	100
15) Benzyl Alcohol	6.71	79	420644	49.75	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.84	45	688150	46.84	ng	# 32
17) 2-Methylphenol	6.84	107	410127	50.30	ng	# 92
18) Hexachloroethane	7.06	117	196391	48.09	ng	91
19) n-Nitroso-di-n-propylamine	6.98	70	354930	49.03	ng	98
20) 3+4-Methylphenols	7.00	107	562815	57.87	ng	# 73
22) Acetophenone	6.96	105	713777	35.48	ng	# 95
24) Nitrobenzene	7.14	77	516330	33.05	ng	98
25) Isophorone	7.39	82	1251494	46.25	ng	99
26) 2-Nitrophenol	7.46	139	334400	43.41	ng	98
27) 2,4-Dimethylphenol	7.51	122	515483	40.35	ng	99
28) bis(2-Chloroethoxy)methane	7.60	93	835197	50.90	ng	100
29) 2,4-Dichlorophenol	7.71	162	528486	48.85	ng	88
30) 1,2,4-Trichlorobenzene	7.78	180	514217	43.37	ng	95
31) Naphthalene	7.86	128	1818677	48.73	ng	99
32) Benzoic acid	7.68	122	326365	34.44	ng	95
33) 4-Chloroaniline	7.92	127	212898	12.65	ng	# 93
34) Hexachlorobutadiene	7.97	225	275365	44.00	ng	99
35) Caprolactam	8.30	113	168937m	47.52	ng	
36) 4-Chloro-3-methylphenol	8.43	107	523616	42.06	ng	100
37) 2-Methylnaphthalene	8.54	142	1086384	50.05	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.71	216	458954	43.59	ng	98
40) Hexachlorocyclopentadiene	8.70	237	345922	74.08	ng	97

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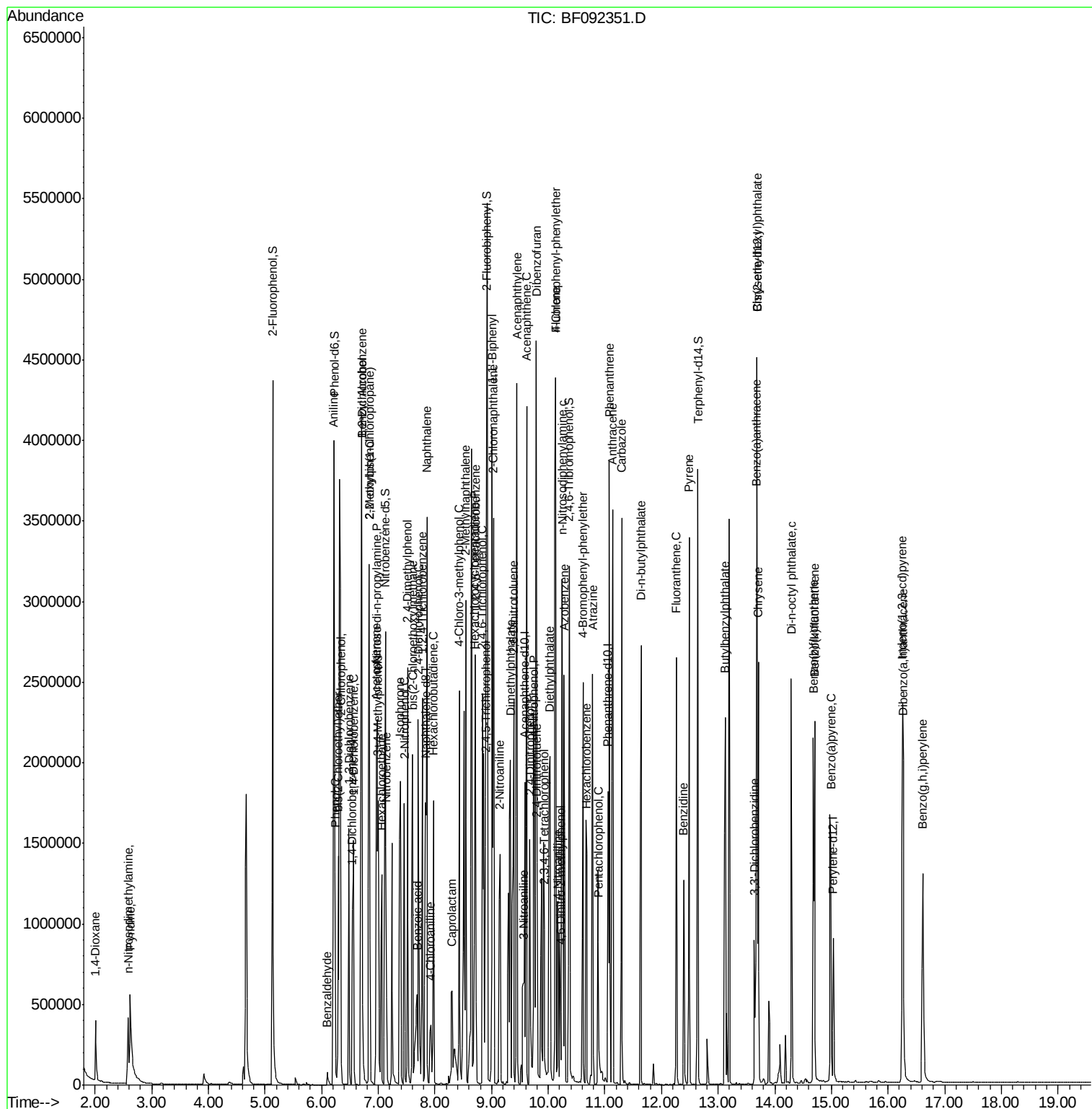
Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

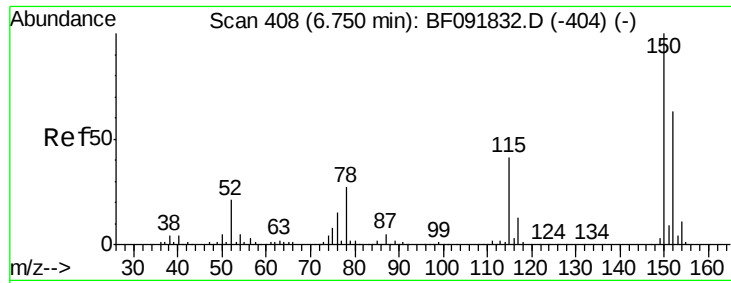
Quant Time: Jan 19 02:35:00 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.84	196	320235	43.49	ng	97
43) 2,4,5-Trichlorophenol	8.90	196	297500	39.26	ng #	84
45) 1,1'-Biphenyl	9.01	154	1294991	45.38	ng	97
46) 2-Chloronaphthalene	9.03	162	1039253	45.99	ng	97
47) 2-Nitroaniline	9.15	65	332226	41.29	ng #	55
48) Acenaphthylene	9.44	152	1562420	44.96	ng	99
49) Dimethylphthalate	9.33	163	1271298	47.70	ng	100
50) 2,6-Dinitrotoluene	9.39	165	271837	46.60	ng #	84
51) Acenaphthene	9.62	154	1045391	44.37	ng	100
52) 3-Nitroaniline	9.56	138	162613	22.52	ng #	73
53) 2,4-Dinitrophenol	9.67	184	243121	74.90	ng #	78
54) Dibenzofuran	9.79	168	1367405	42.97	ng	99
55) 4-Nitrophenol	9.75	139	288959m	58.95	ng	
56) 2,4-Dinitrotoluene	9.80	165	341235	46.60	ng #	69
57) Fluorene	10.13	166	1089053	47.04	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.92	232	268516	44.80	ng	93
59) Diethylphthalate	10.03	149	1196593	46.23	ng	94
60) 4-Chlorophenyl-phenylether	10.13	204	443723	43.78	ng #	76
61) 4-Nitroaniline	10.18	138	305844	40.88	ng	78
62) Azobenzene	10.28	77	1295275	45.45	ng	98
64) 4,6-Dinitro-2-methylphenol	10.21	198	175269	45.19	ng	95
65) n-Nitrosodiphenylamine	10.24	169	916829	48.17	ng	99
66) 4-Bromophenyl-phenylether	10.61	248	326233	48.89	ng #	90
67) Hexachlorobenzene	10.68	284	333575	46.77	ng #	87
68) Atrazine	10.78	200	267853	43.63	ng	98
69) Pentachlorophenol	10.88	266	242318	69.24	ng	99
70) Phenanthrene	11.08	178	1445915	41.57	ng	99
71) Anthracene	11.14	178	1687321	63.65	ng	98
72) Carbazole	11.30	167	1370491	50.72	ng	99
73) Di-n-butylphthalate	11.64	149	1871239	57.96	ng #	97
74) Fluoranthene	12.26	202	1450184	47.76	ng	98
76) Benzidine	12.39	184	506297	61.64	ng	96
77) Pyrene	12.48	202	1374296	53.43	ng	99
79) Butylbenzylphthalate	13.13	149	698838	59.74	ng #	82
80) Benzo(a)anthracene	13.67	228	1068590	54.00	ng	99
81) 3,3'-Dichlorobenzidine	13.64	252	224397	29.91	ng	98
82) Chrysene	13.71	228	893867	45.03	ng	99
83) Bis(2-ethylhexyl)phthalate	13.69	149	865643	62.84	ng	98
84) Di-n-octyl phthalate	14.29	149	1377189	53.97	ng	98
85) Indeno(1,2,3-cd)pyrene	16.26	276	1173181	68.23	ng	98
87) Benzo(h)fluoranthene	14.68	252	1194969m	51.29	ng	
88) Benzo(k)fluoranthene	14.70	252	759305m	38.22	ng	
89) Benzo(a)pyrene	14.99	252	968118	46.82	ng #	95
90) Dibenzo(a,h)anthracene	16.27	278	961992	56.60	ng	97
91) Benzo(g,h,i)perylene	16.61	276	1051334	59.49	ng #	91

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.54 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

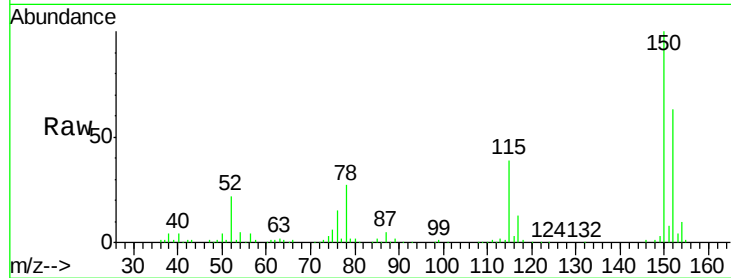
Tgt Ion:152 Resp: 148820

Ion Ratio Lower Upper

152 100

150 158.5 124.9 187.3

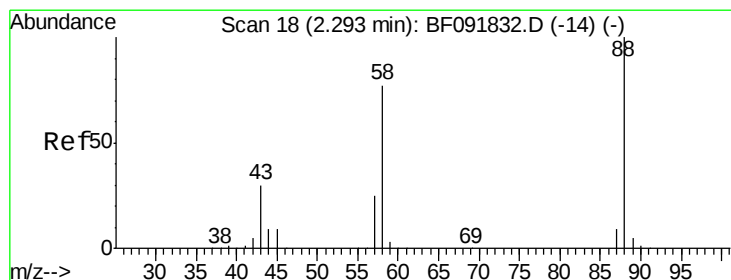
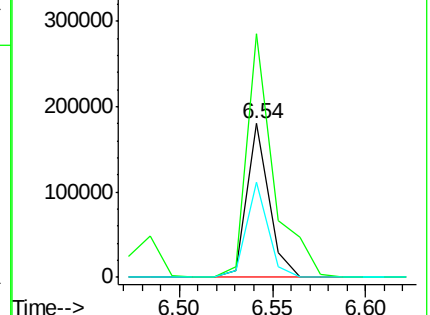
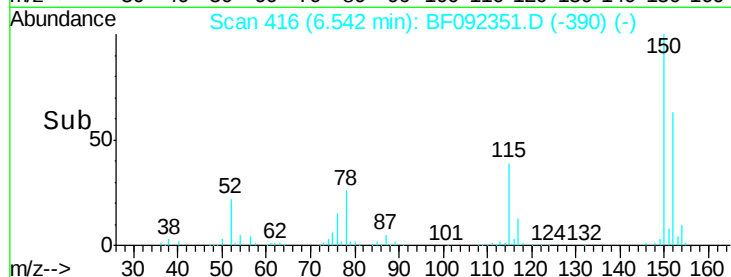
115 62.1 46.0 69.0



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: 42.88 ng

RT: 2.00 min Scan# 19

Delta R.T. 0.07 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

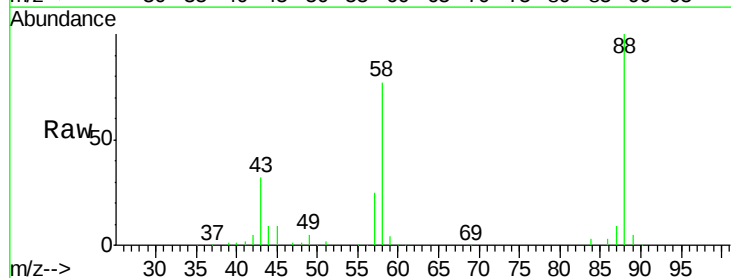
Tgt Ion: 88 Resp: 188164

Ion Ratio Lower Upper

88 100

58 75.6 57.8 86.8

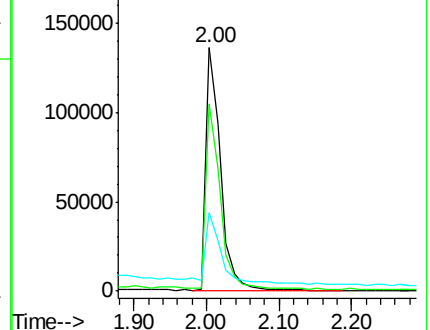
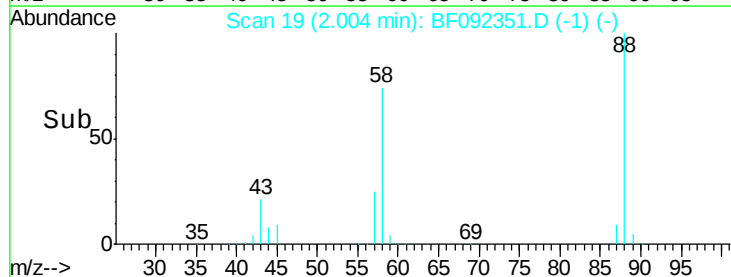
43 35.2 22.3 33.5#

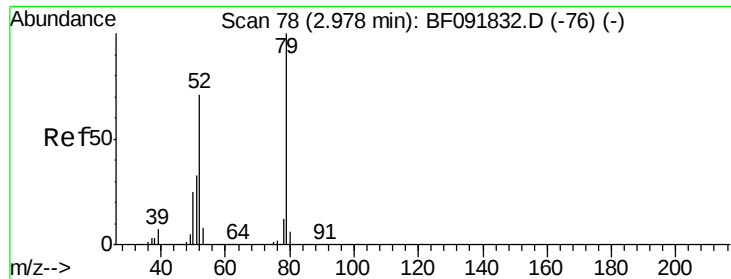


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.35 ng

RT: 2.62 min Scan# 73

Delta R.T. 0.07 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

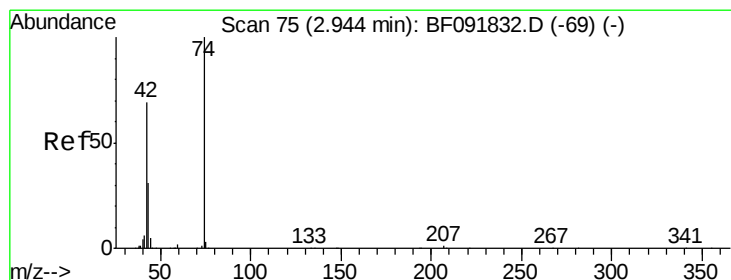
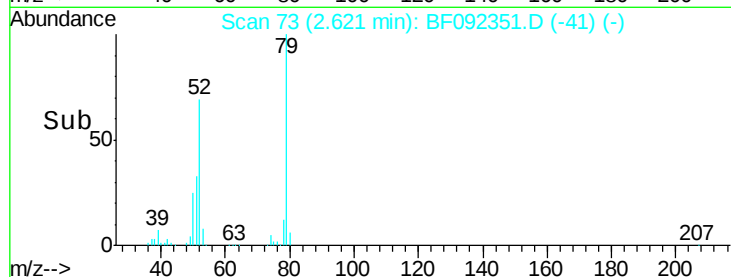
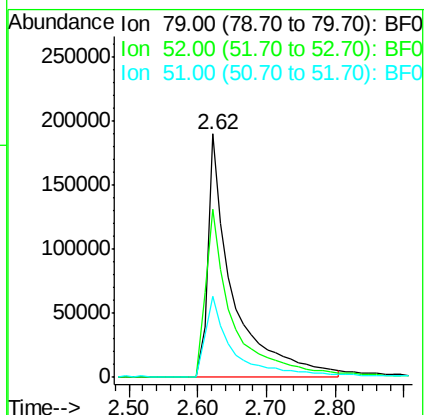
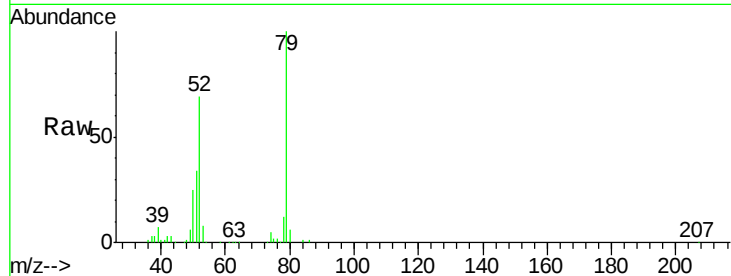
Tgt Ion: 79 Resp: 480110

Ion Ratio Lower Upper

79 100

52 69.1 57.1 85.7

51 33.5 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 40.51 ng

RT: 2.59 min Scan# 70

Delta R.T. 0.06 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

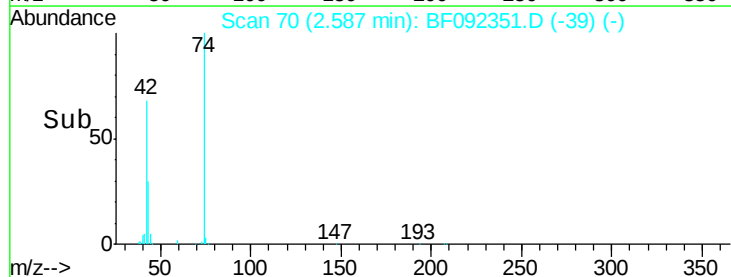
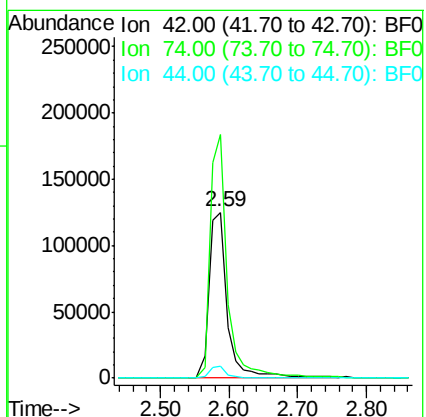
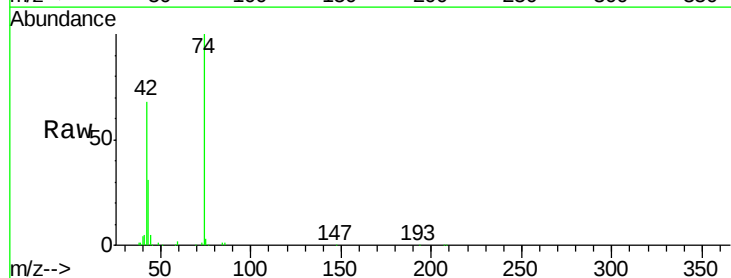
Tgt Ion: 42 Resp: 234024

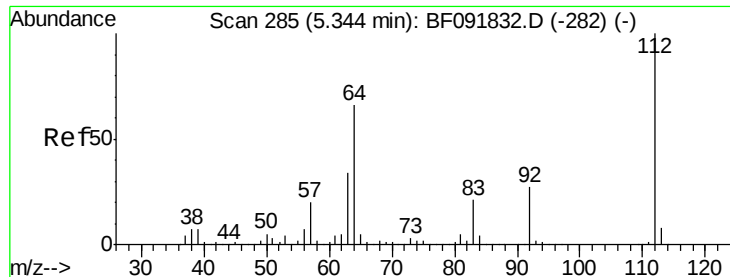
Ion Ratio Lower Upper

42 100

74 146.6 117.0 175.4

44 7.1 5.5 8.3





#5

2-Fluorophenol

Concen: 151.23 ng

RT: 5.14 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

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PB96090BS

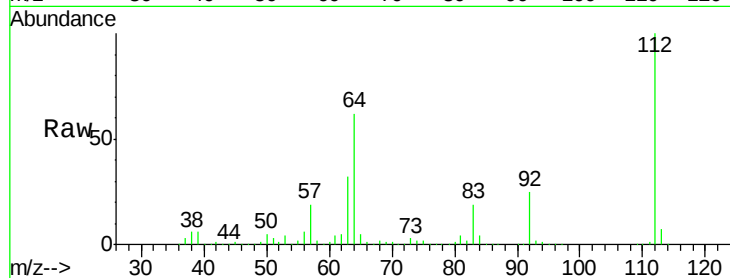
Tgt Ion: 112 Resp: 1347913

Ion Ratio Lower Upper

112 100

64 62.1 46.1 69.1

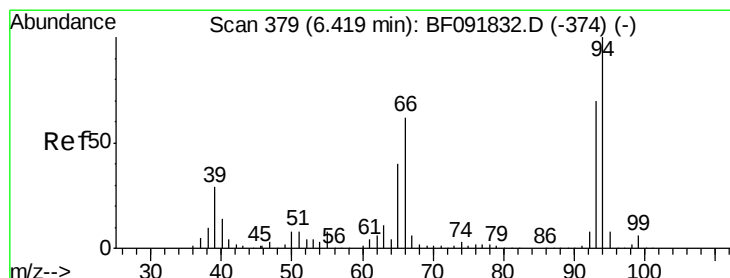
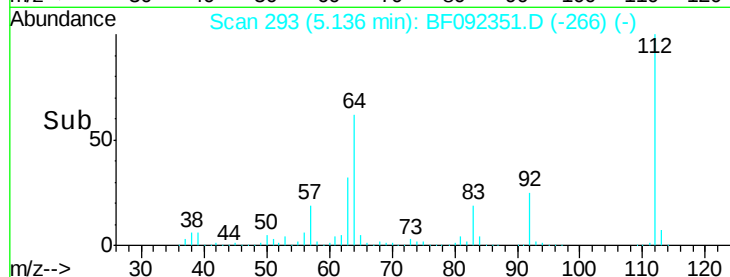
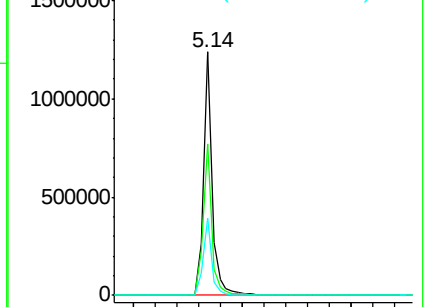
63 31.9 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 27.97 ng

RT: 6.21 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

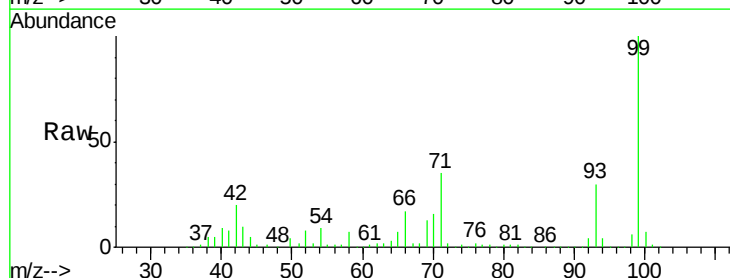
Tgt Ion: 93 Resp: 395356

Ion Ratio Lower Upper

93 100

66 56.8 76.2 114.2#

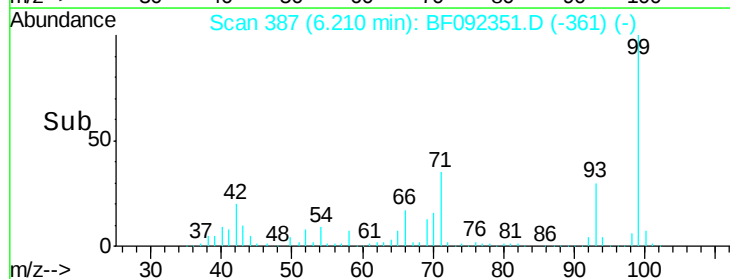
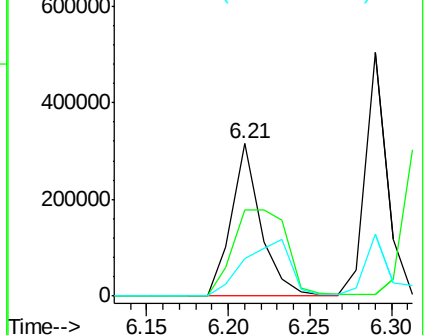
65 24.4 49.3 73.9#

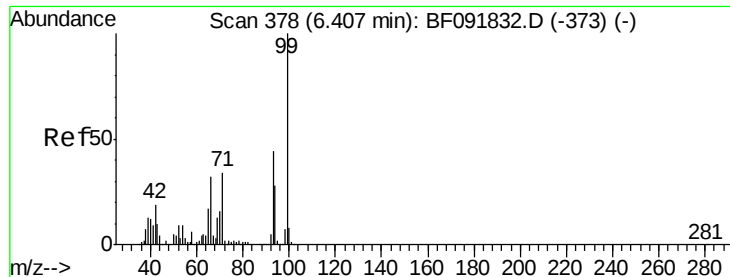


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 155.29 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.00 min

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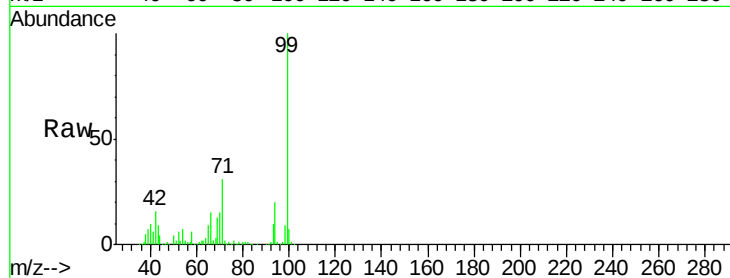
Tgt Ion: 99 Resp: 1689832

Ion Ratio Lower Upper

99 100

42 16.4 15.6 23.4

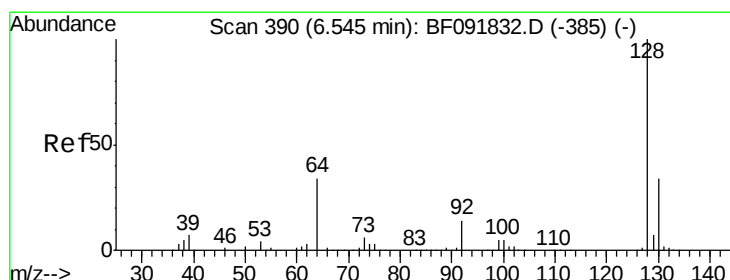
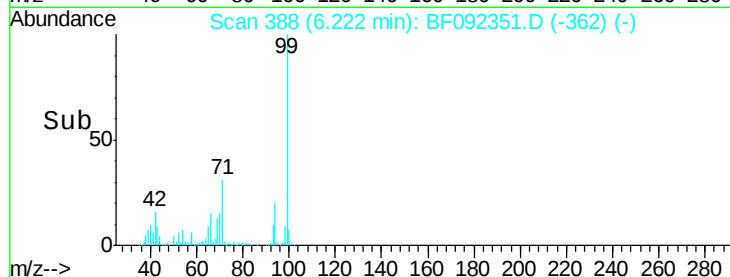
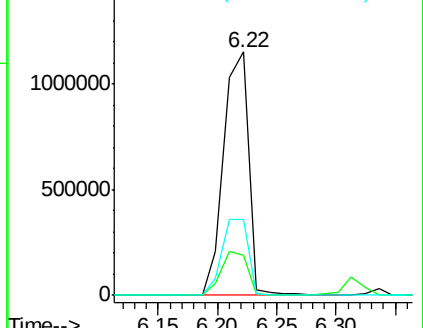
71 31.4 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 51.65 ng

RT: 6.34 min Scan# 398

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

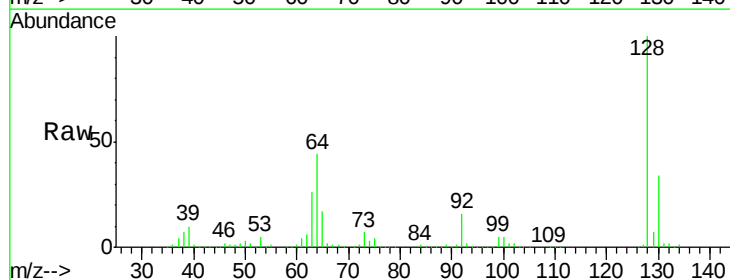
Tgt Ion: 128 Resp: 523634

Ion Ratio Lower Upper

128 100

130 33.7 12.3 52.3

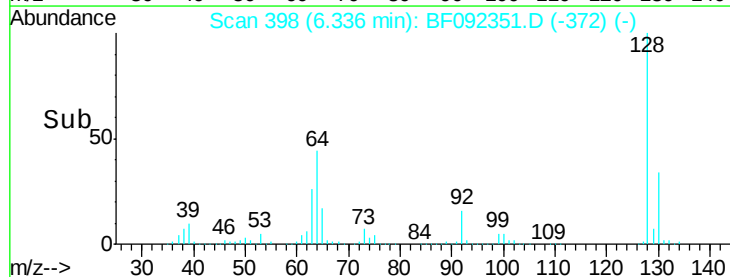
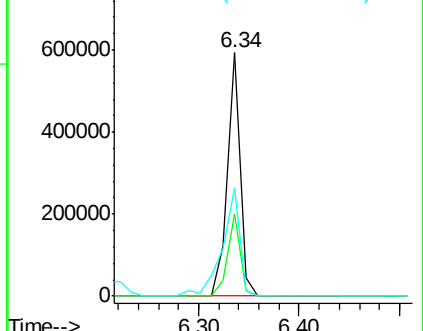
64 44.2 32.2 72.2

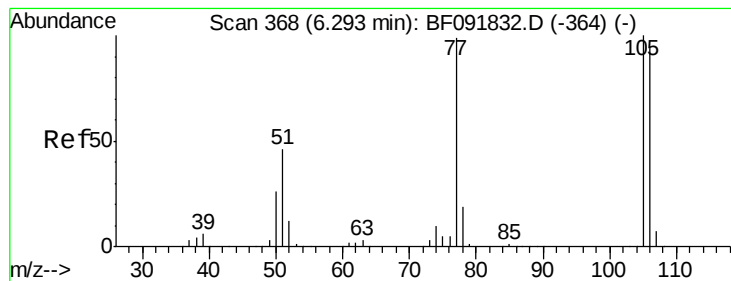


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 3.41 ng

RT: 6.10 min Scan# 377

Delta R.T. 0.01 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

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PB96090BS

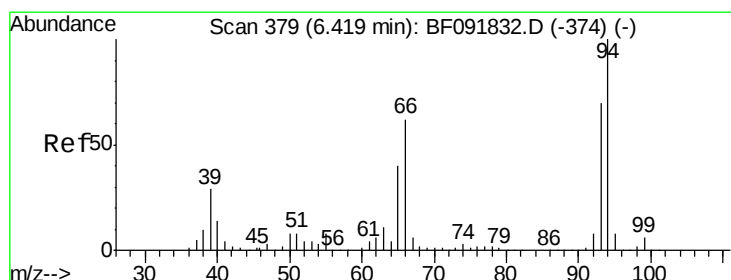
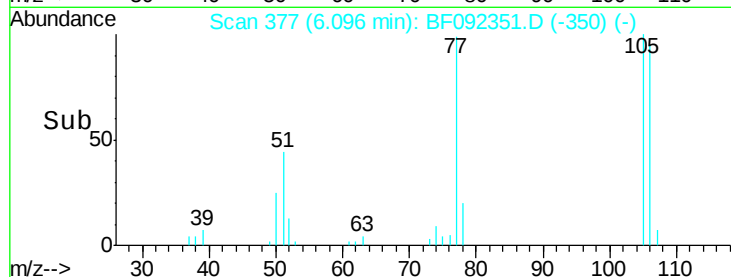
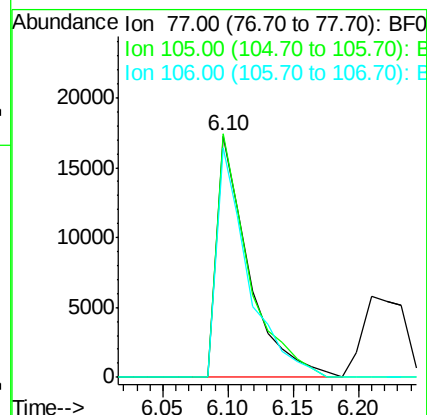
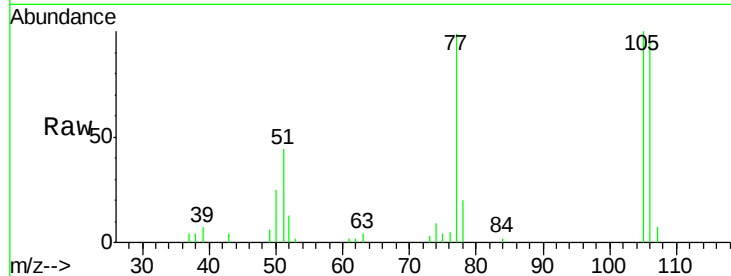
Tgt Ion: 77 Resp: 29502

Ion Ratio Lower Upper

77 100

105 100.8 83.9 123.9

106 95.3 77.6 117.6



#10

Phenol

Concen: 46.69 ng

RT: 6.23 min Scan# 389

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

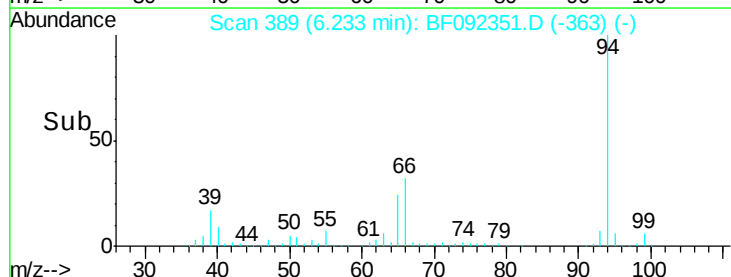
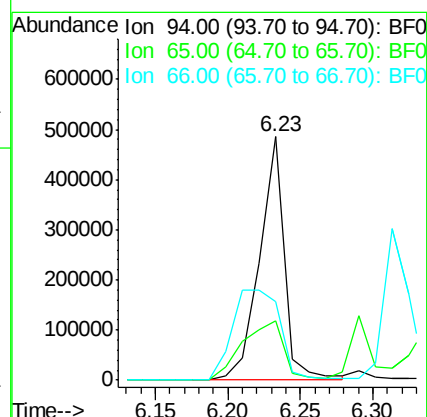
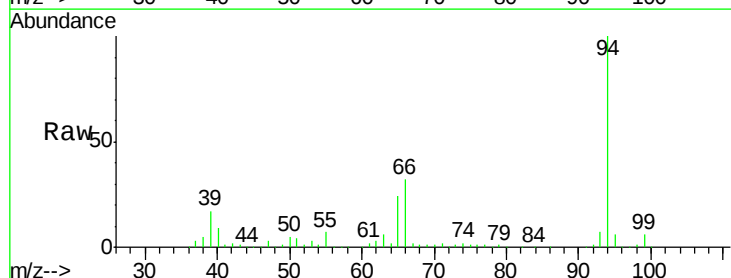
Tgt Ion: 94 Resp: 578978

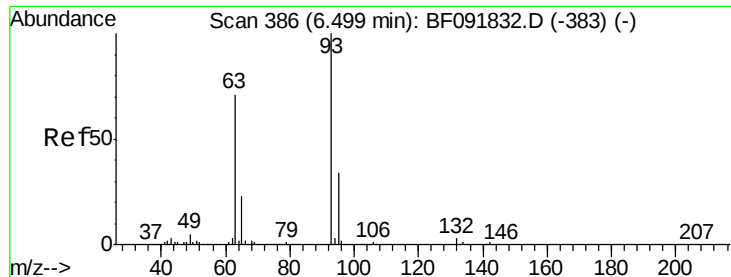
Ion Ratio Lower Upper

94 100

65 24.4 21.4 61.4

66 32.3 44.0 84.0#





#11

bis(2-Chloroethyl)ether

Concen: 46.36 ng

RT: 6.29 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

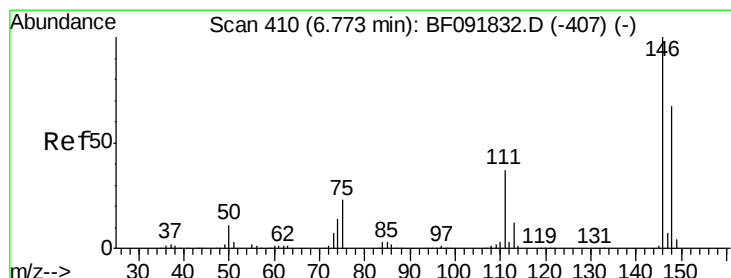
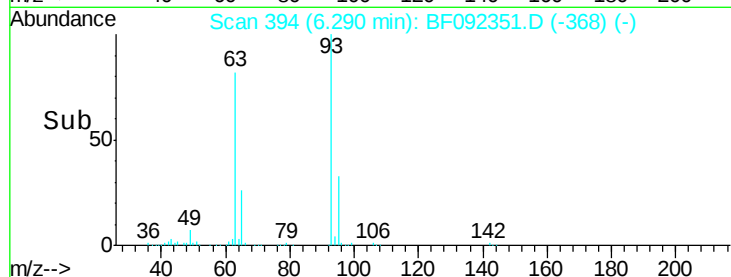
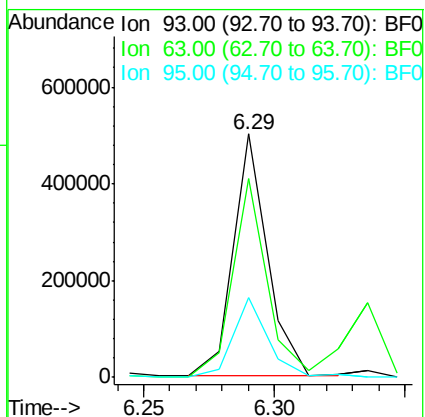
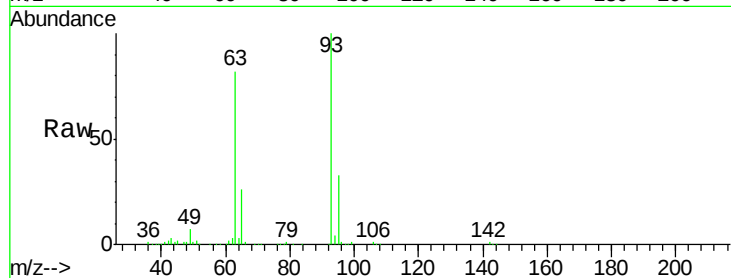
Tgt Ion: 93 Resp: 457430

Ion Ratio Lower Upper

93 100

63 81.9 60.4 100.4

95 32.8 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 46.42 ng

RT: 6.48 min Scan# 411

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

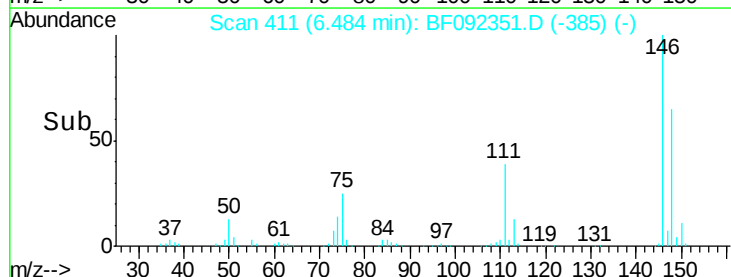
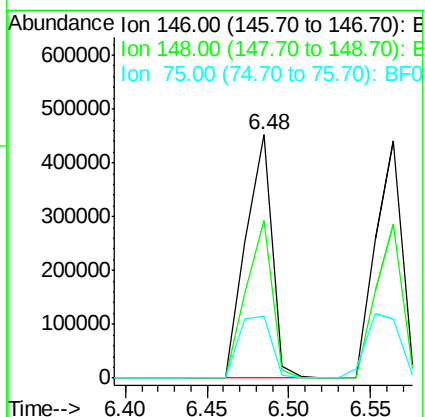
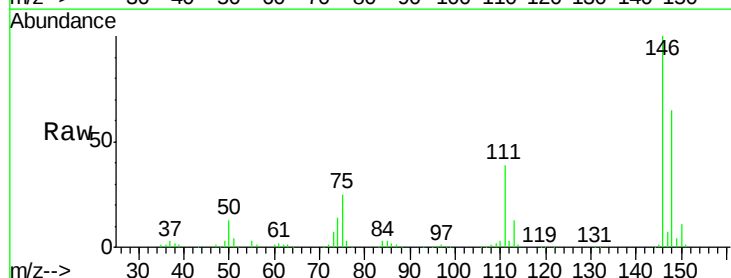
Tgt Ion: 146 Resp: 502396

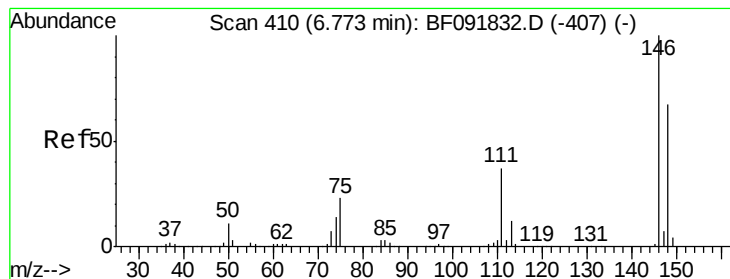
Ion Ratio Lower Upper

146 100

148 64.9 53.4 80.0

75 25.5 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 45.56 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

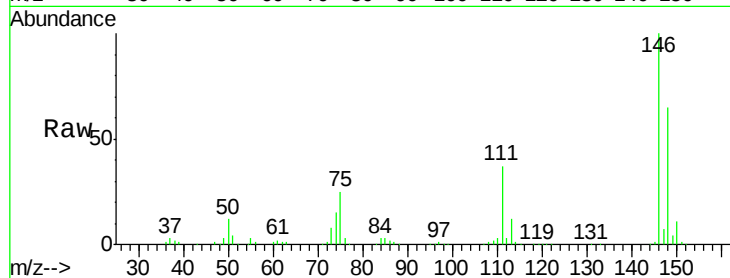
Tgt Ion:146 Resp: 501906

Ion Ratio Lower Upper

146 100

148 65.2 50.6 76.0

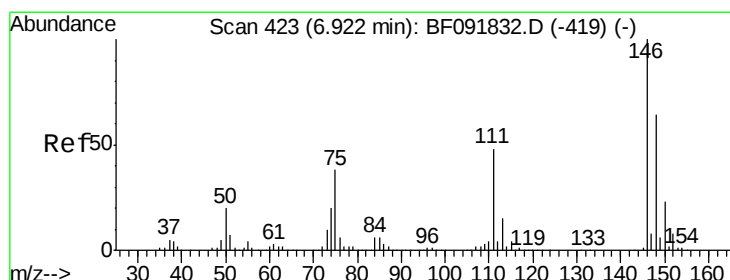
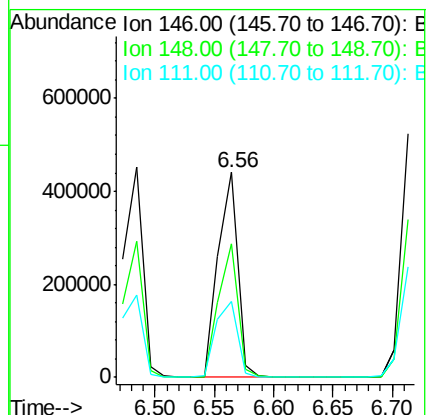
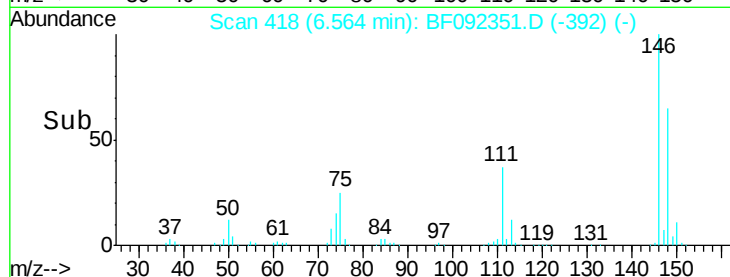
111 36.8 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 47.27 ng

RT: 6.71 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

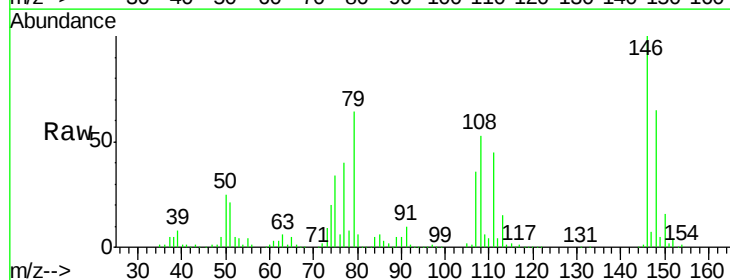
Tgt Ion:146 Resp: 451877

Ion Ratio Lower Upper

146 100

148 64.8 52.2 78.2

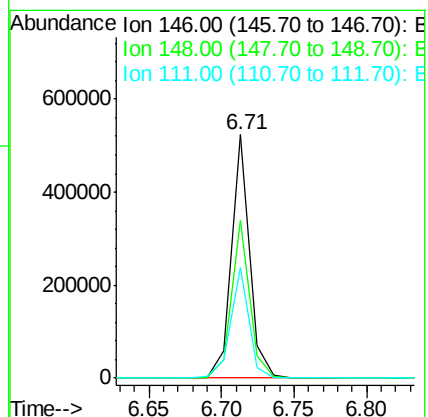
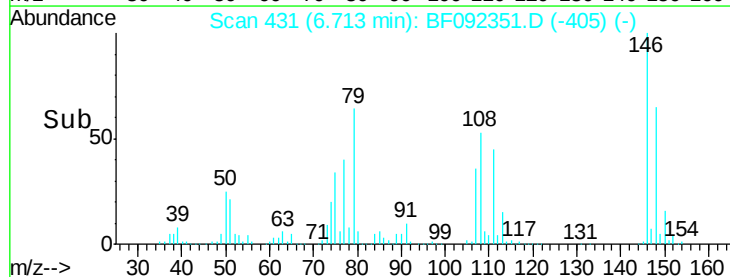
111 45.3 36.2 54.2

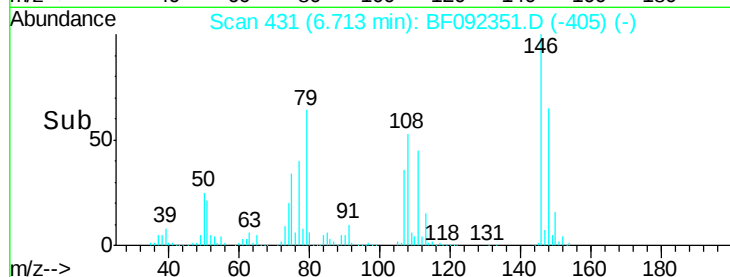
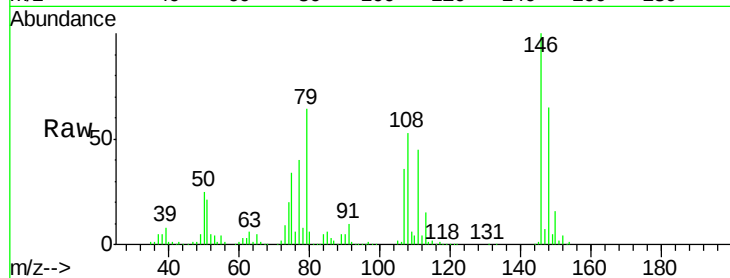
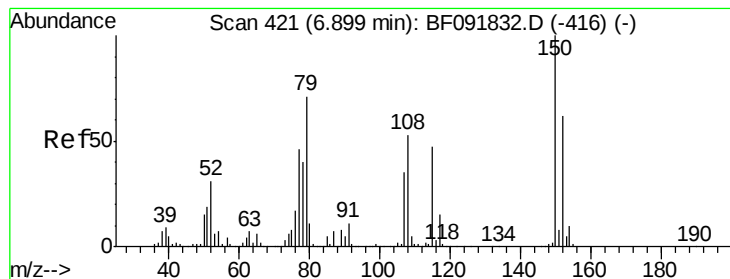


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.75 ng

RT: 6.71 min Scan# 431

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

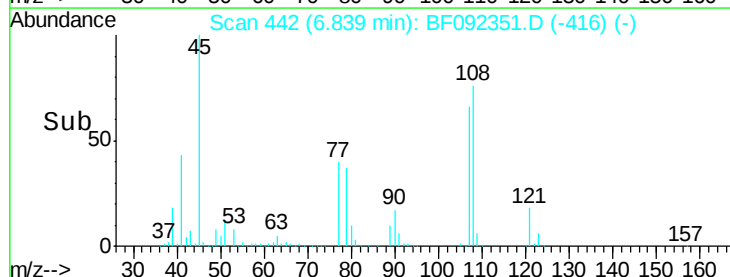
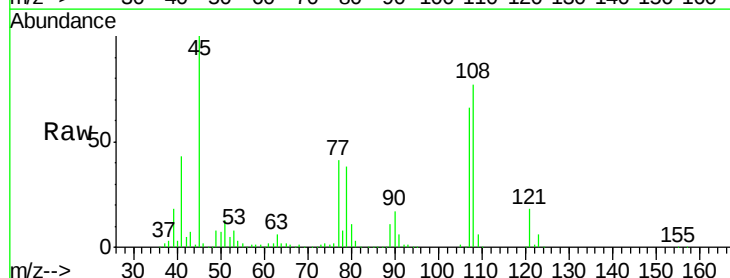
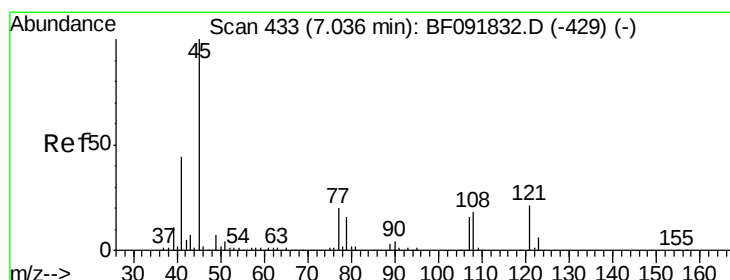
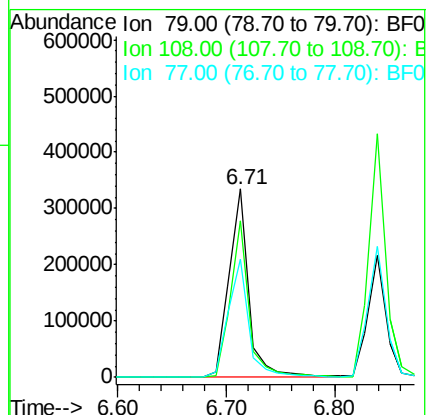
Tgt Ion: 79 Resp: 420644

Ion Ratio Lower Upper

79 100

108 83.6 61.4 92.0

77 63.2 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 46.84 ng

RT: 6.84 min Scan# 442

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

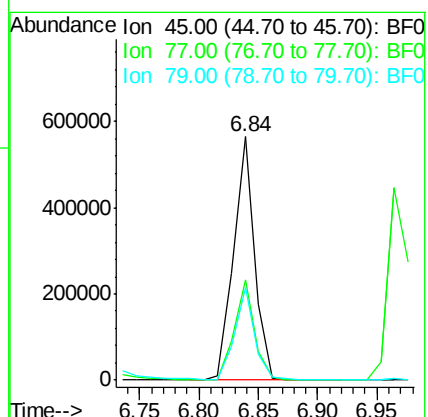
Tgt Ion: 45 Resp: 688150

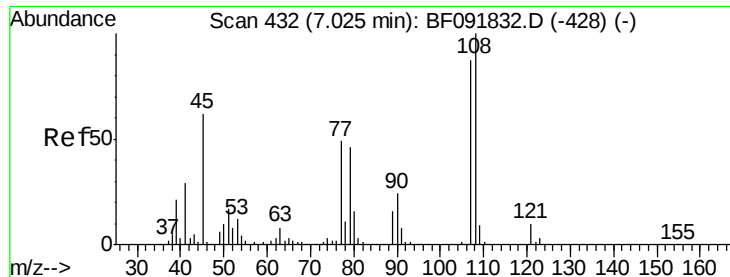
Ion Ratio Lower Upper

45 100

77 41.3 0.0 34.6#

79 38.3 0.0 31.2#

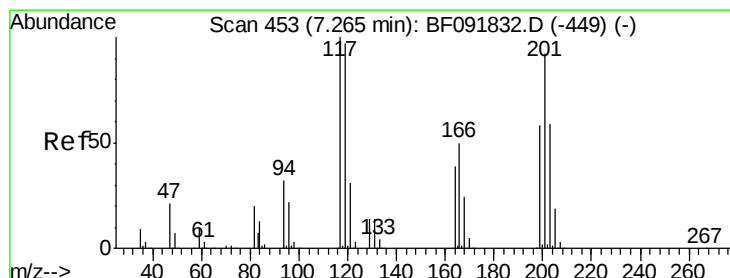
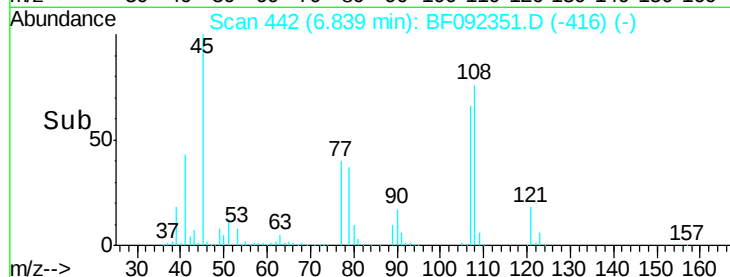
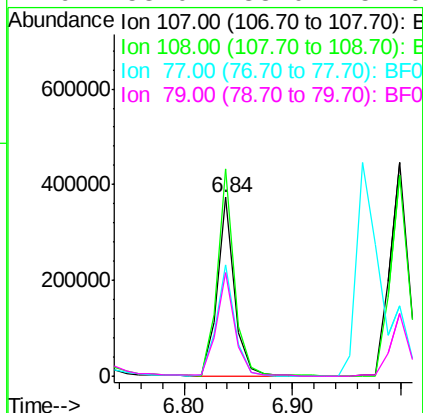
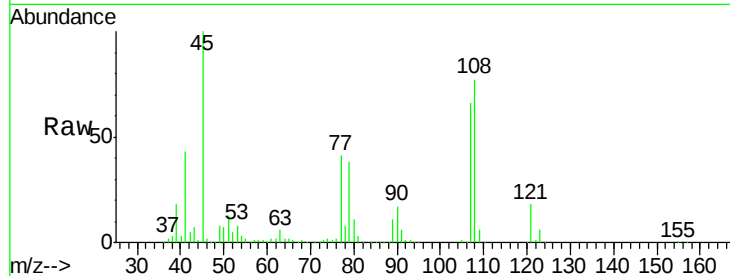




#17
2-Methylphenol
Concen: 50.30 ng
RT: 6.84 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

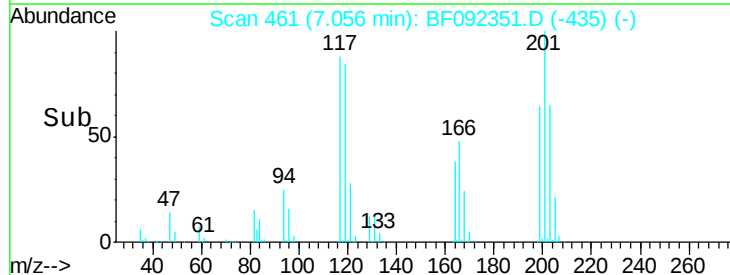
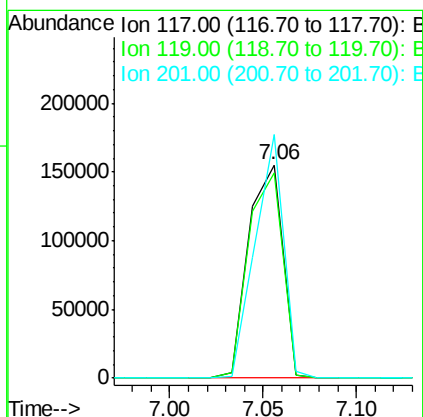
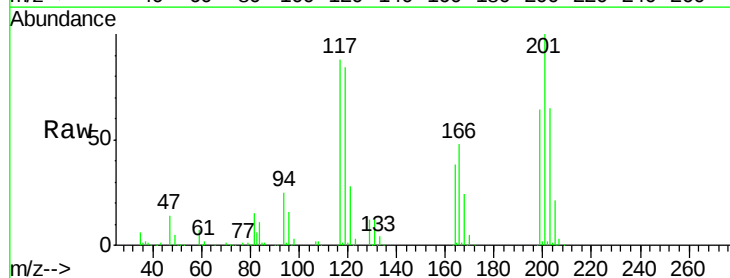
Instrument :
BNA_F
ClientSampleId :
PB96090BS

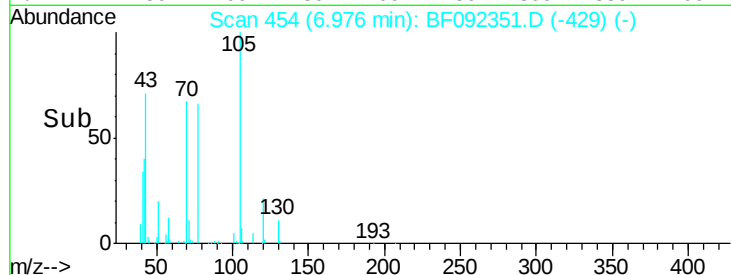
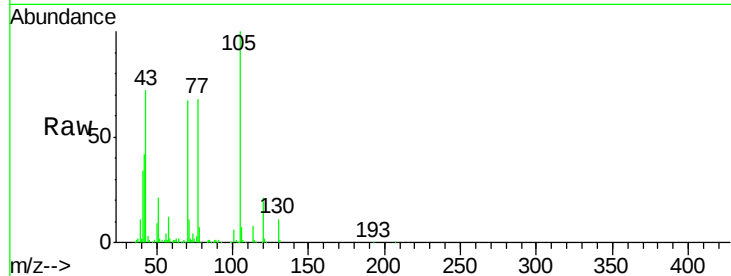
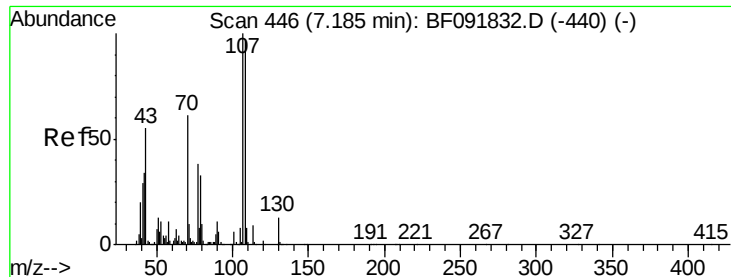
Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.9	93.0	139.6
77	62.5	39.8	59.8#
79	58.0	38.0	57.0#



#18
Hexachloroethane
Concen: 48.09 ng
RT: 7.06 min Scan# 461
Delta R.T. -0.00 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.1	117.1
201	114.2	78.6	117.8

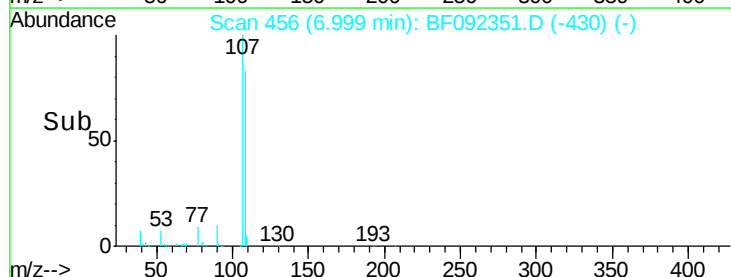
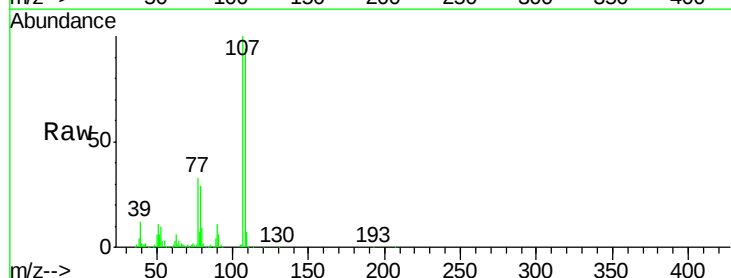
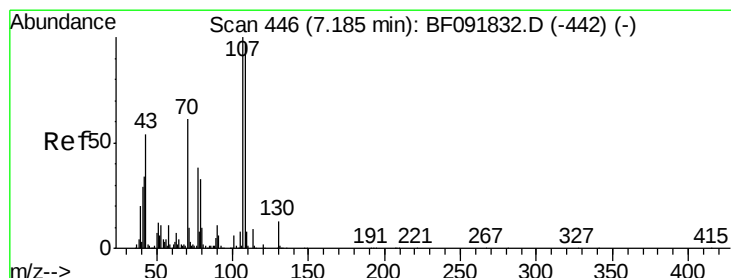
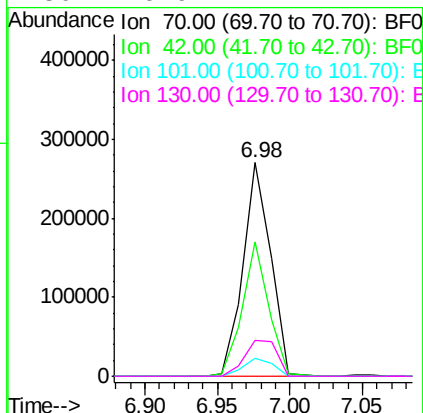




#19
n-Nitroso-di-n-propylamine
Concen: 49.03 ng
RT: 6.98 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

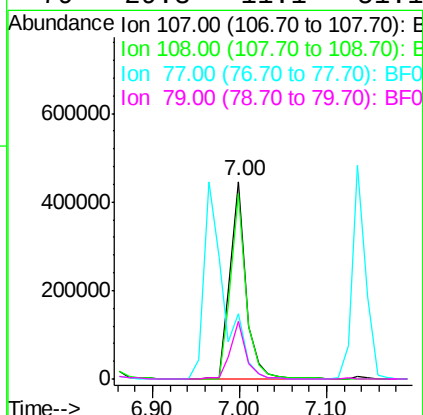
Instrument :
BNA_F
ClientSampleId :
PB96090BS

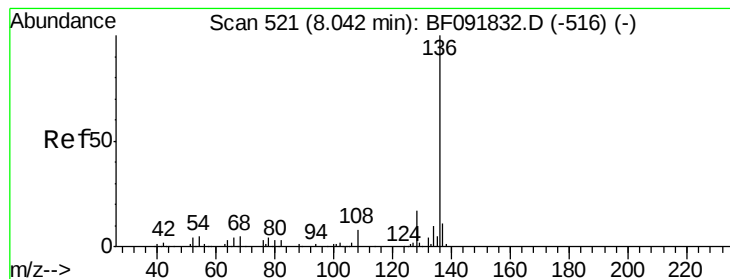
Tgt Ion:	70	Resp:	354930
Ion	Ratio	Lower	Upper
70	100		
42	62.7	49.4	74.0
101	8.5	7.4	11.2
130	16.9	14.2	21.4



#20
3+4-Methylphenols
Concen: 57.87 ng
RT: 7.00 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

Tgt Ion:	107	Resp:	562815
Ion	Ratio	Lower	Upper
107	100		
108	93.9	73.0	113.0
77	33.0	71.3	111.3#
79	29.3	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 529

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

Tgt Ion:136 Resp: 815524

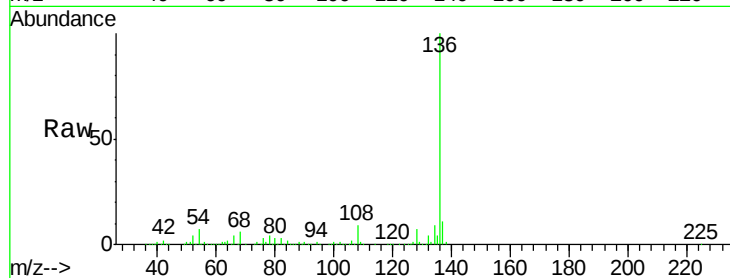
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 7.2 4.5 6.7#

68 6.0 3.6 5.4#

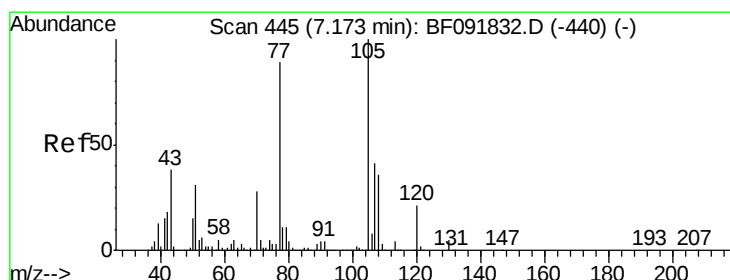
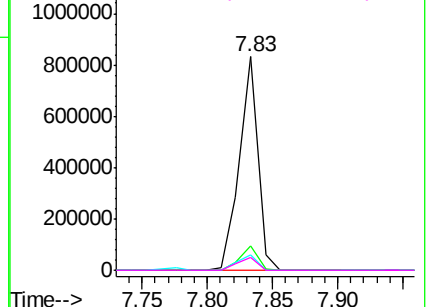
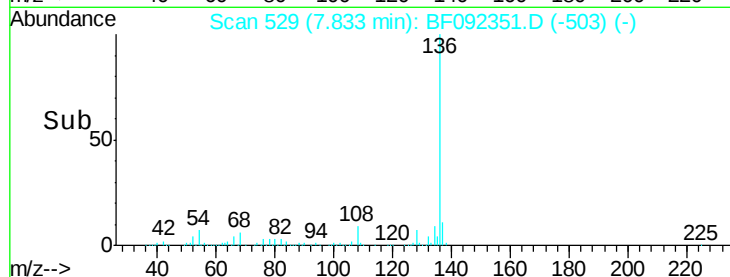


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 35.48 ng

RT: 6.96 min Scan# 453

Delta R.T. -0.01 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Tgt Ion:105 Resp: 713777

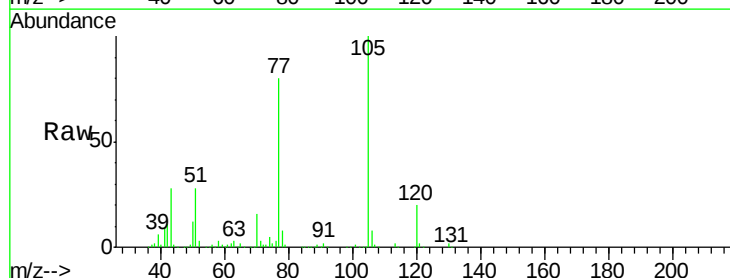
Ion Ratio Lower Upper

105 100

71 2.7 3.2 4.8#

51 28.1 26.2 39.4

120 20.3 16.6 24.8

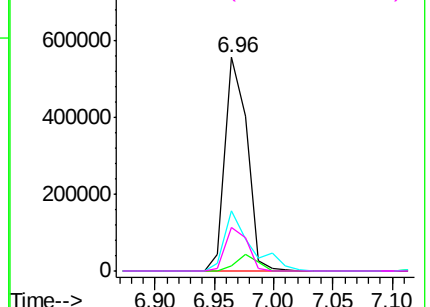
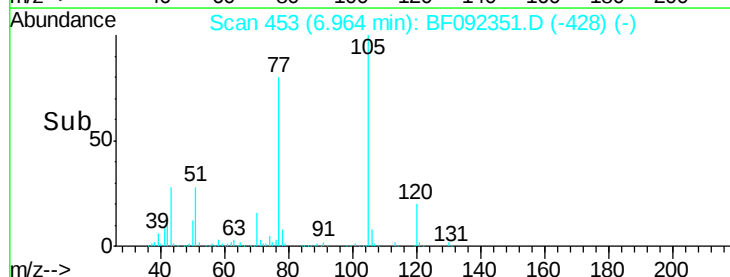


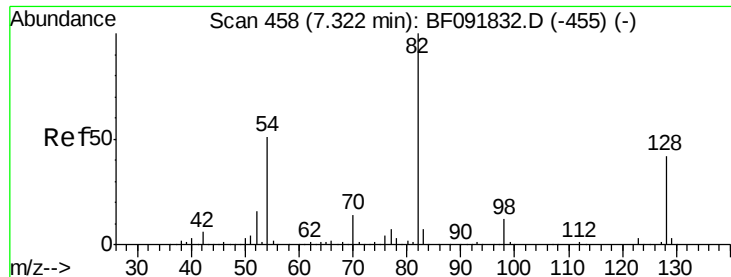
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

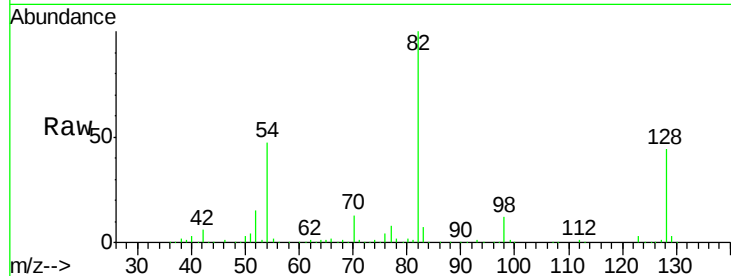




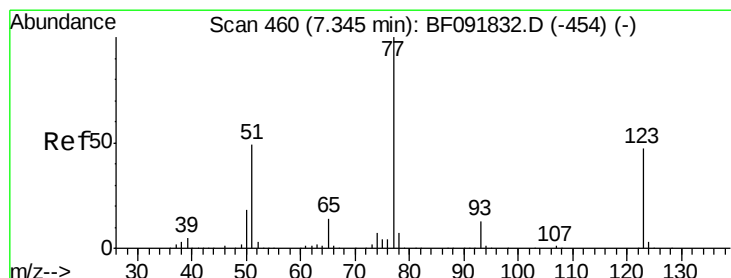
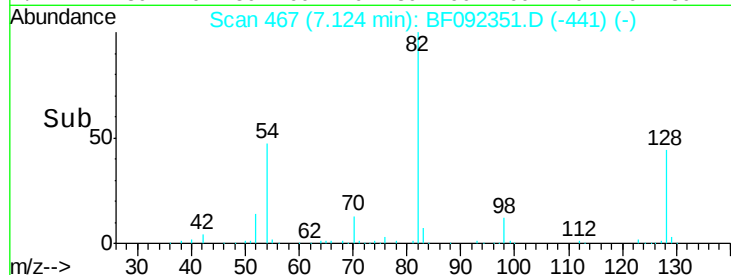
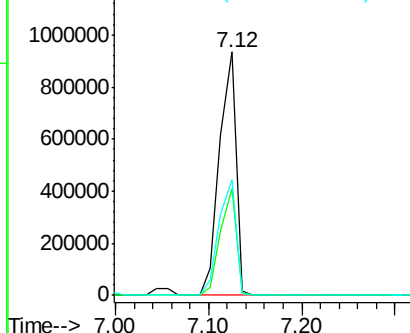
#23
 Nitrobenzene-d5
 Concen: 78.38 ng
 RT: 7.12 min Scan# 467
 Delta R.T. -0.00 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

Tgt Ion: 82 Resp: 1149485
 Ion Ratio Lower Upper
 82 100
 128 43.6 34.6 52.0
 54 47.3 39.5 59.3

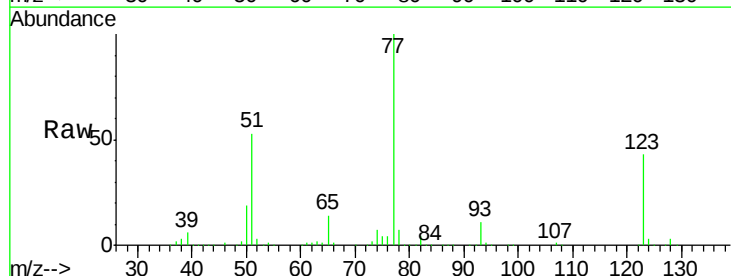


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

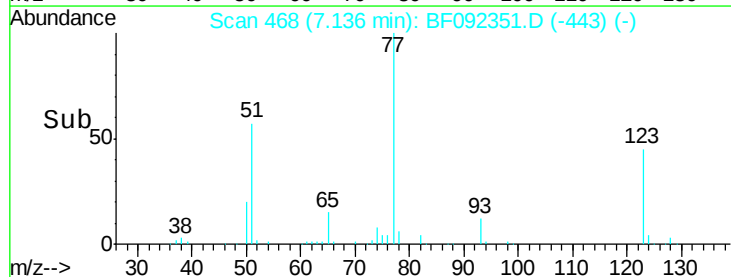
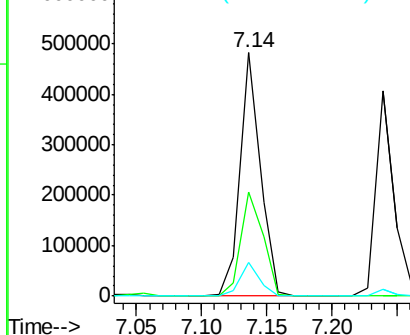


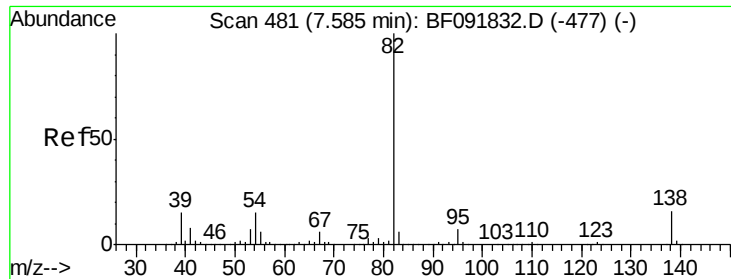
#24
 Nitrobenzene
 Concen: 33.05 ng
 RT: 7.14 min Scan# 468
 Delta R.T. -0.01 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Tgt Ion: 77 Resp: 516330
 Ion Ratio Lower Upper
 77 100
 123 42.7 33.0 49.4
 65 13.7 11.2 16.8



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





#25

Isophorone

Concen: 46.25 ng

RT: 7.39 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

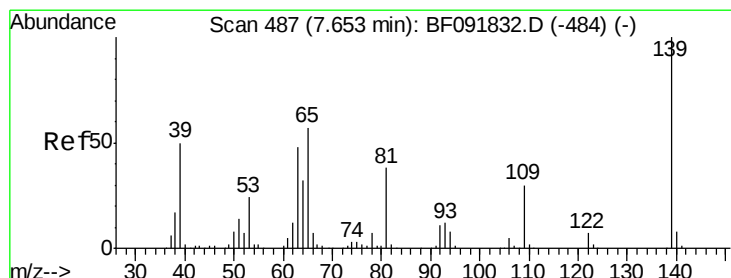
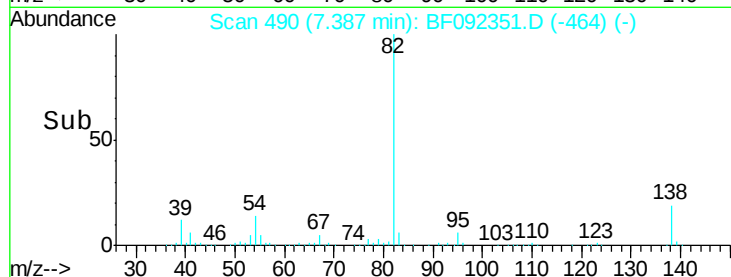
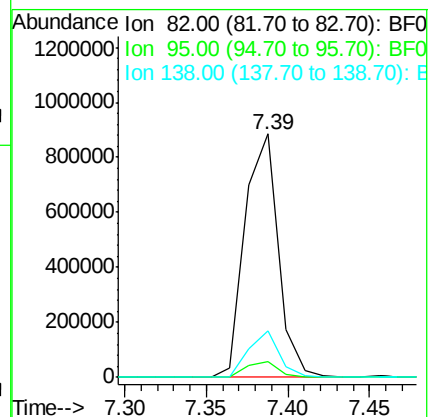
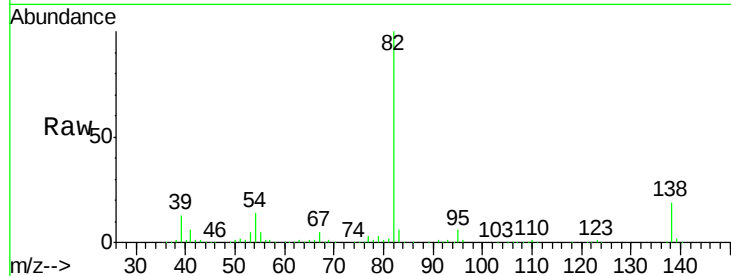
Tgt Ion: 82 Resp: 1251494

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

138 18.9 14.6 22.0



#26

2-Nitrophenol

Concen: 43.41 ng

RT: 7.46 min Scan# 496

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

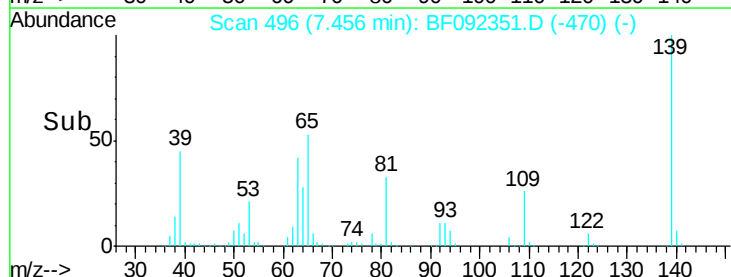
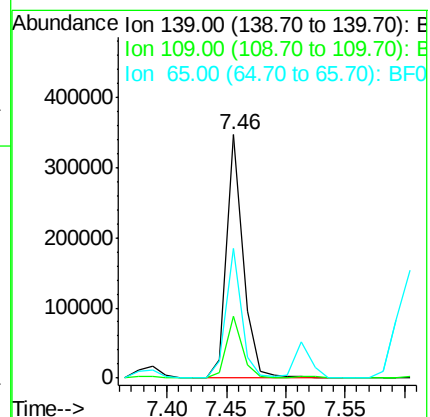
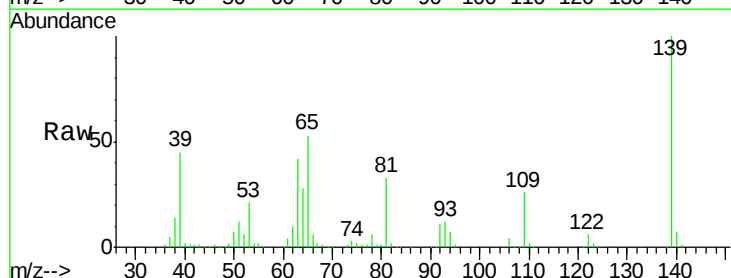
Tgt Ion: 139 Resp: 334400

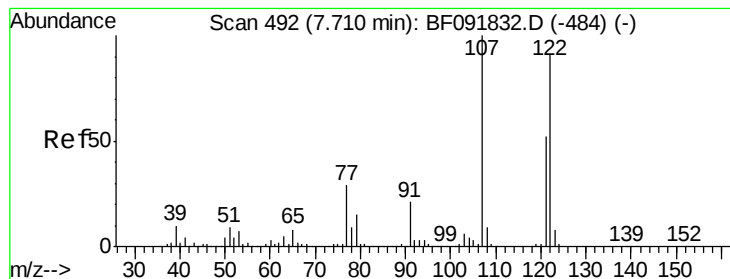
Ion Ratio Lower Upper

139 100

109 25.6 23.3 34.9

65 53.4 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 40.35 ng

RT: 7.51 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

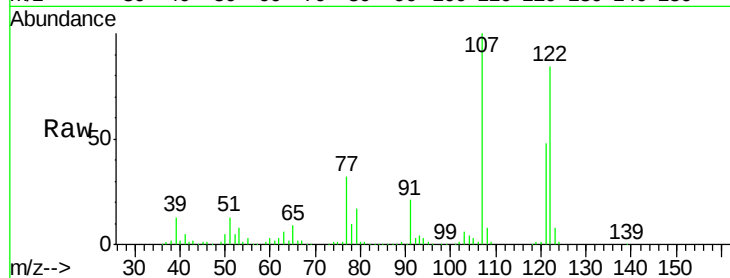
Tgt Ion:122 Resp: 515483

Ion Ratio Lower Upper

122 100

107 118.4 94.1 141.1

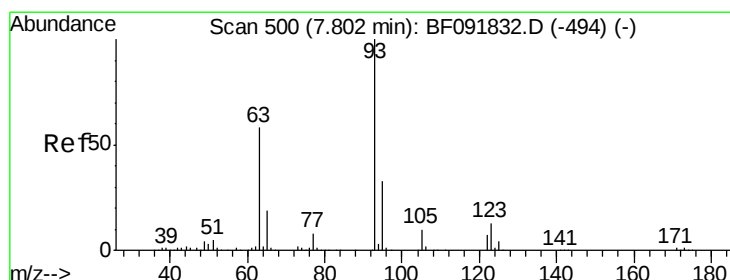
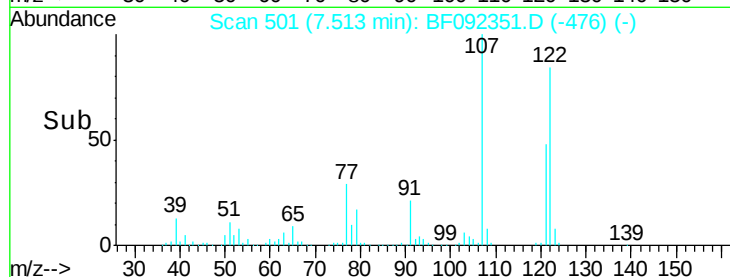
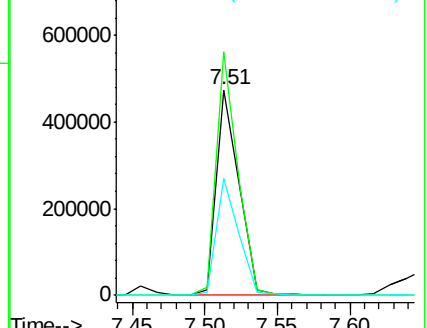
121 56.6 46.0 69.0



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: 50.90 ng

RT: 7.60 min Scan# 509

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

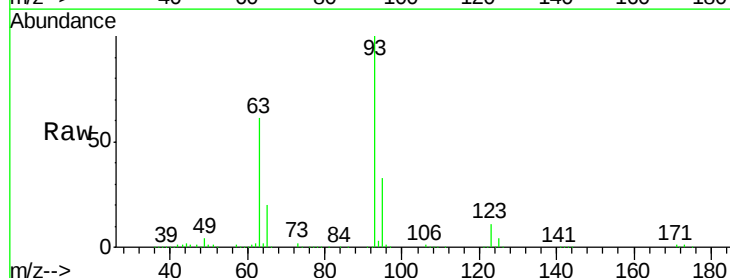
Tgt Ion: 93 Resp: 835197

Ion Ratio Lower Upper

93 100

95 33.2 26.5 39.7

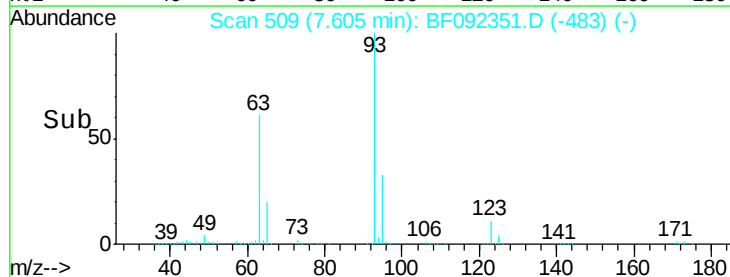
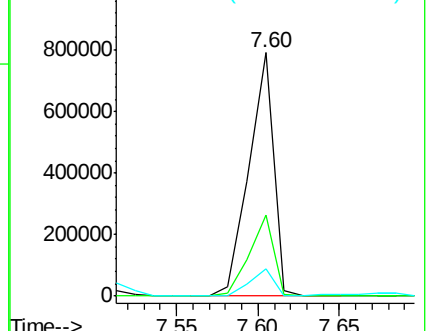
123 11.3 8.6 13.0

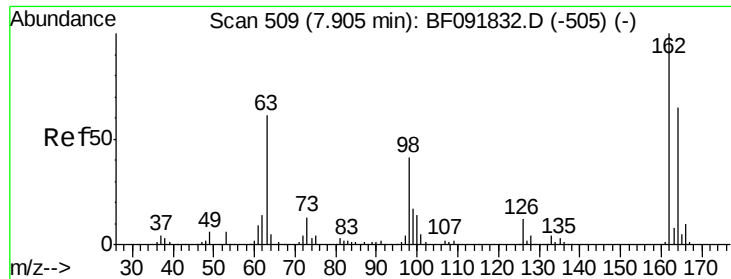


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

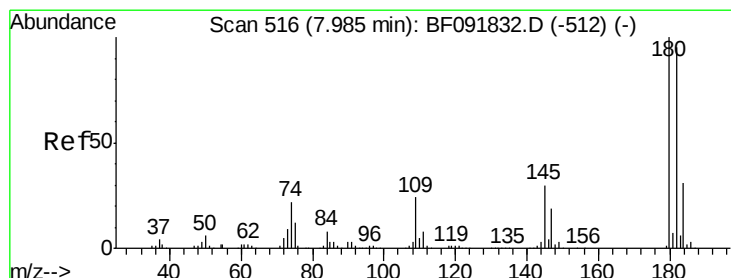
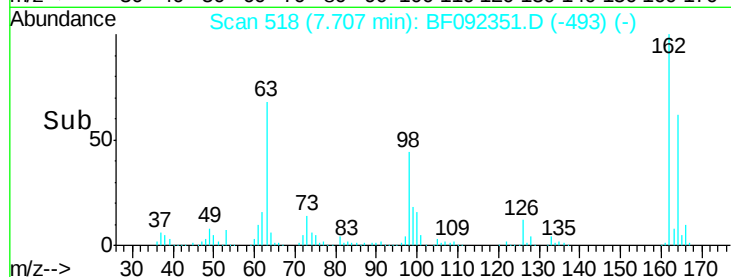
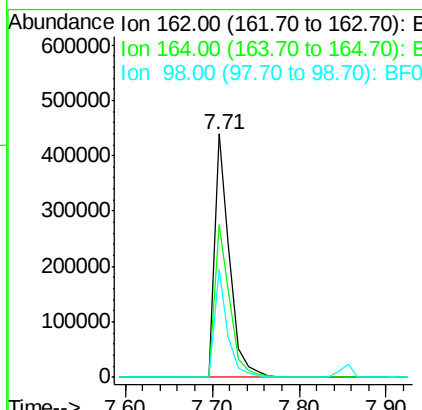
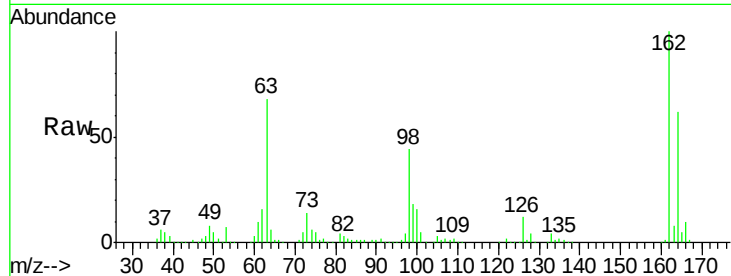




#29
2,4-Dichlorophenol
Concen: 48.85 ng
RT: 7.71 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

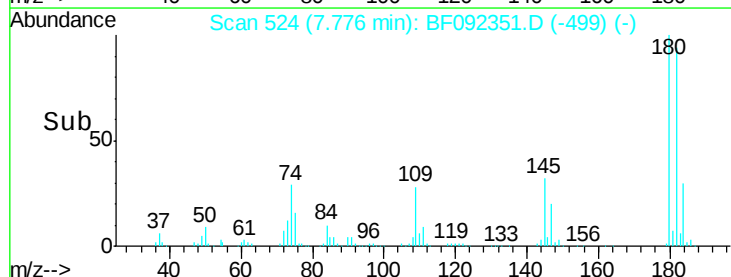
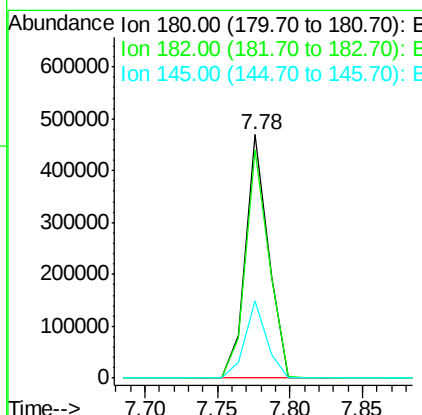
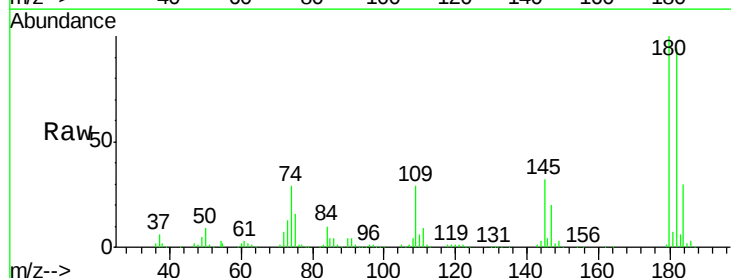
Instrument :
BNA_F
ClientSampleId :
PB96090BS

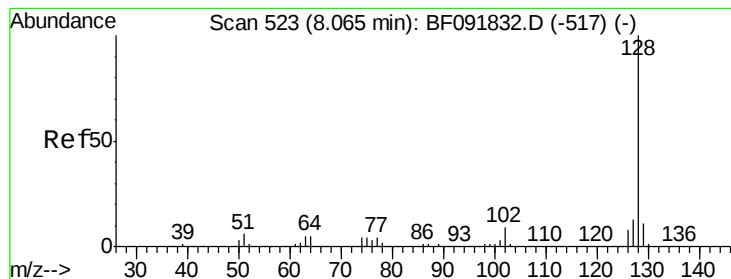
Tgt Ion:162 Resp: 528486
Ion Ratio Lower Upper
162 100
164 62.5 46.8 86.8
98 44.3 9.1 49.1



#30
1,2,4-Trichlorobenzene
Concen: 43.37 ng
RT: 7.78 min Scan# 524
Delta R.T. -0.01 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

Tgt Ion:180 Resp: 514217
Ion Ratio Lower Upper
180 100
182 93.8 78.2 117.4
145 31.7 21.6 32.4





#31

Naphthalene

Concen: 48.73 ng

RT: 7.86 min Scan# 531

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

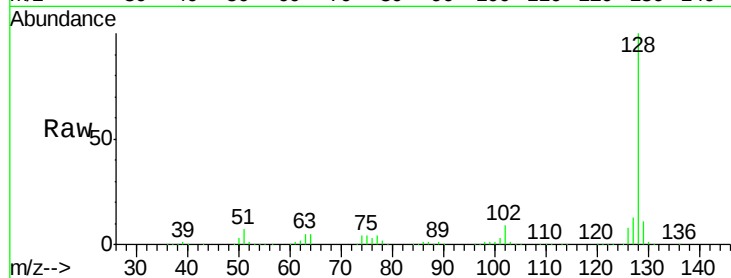
Tgt Ion:128 Resp: 1818677

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

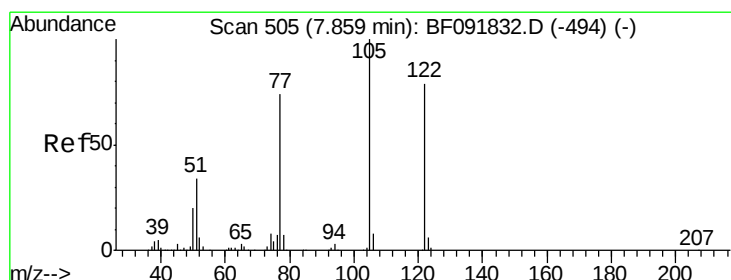
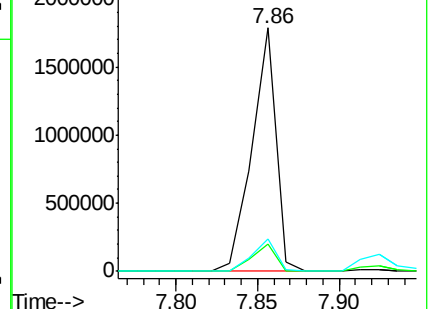
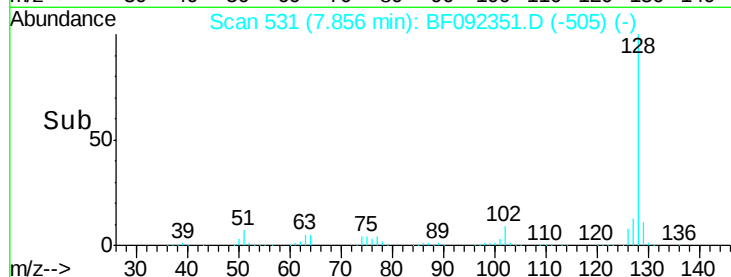
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 34.44 ng

RT: 7.68 min Scan# 516

Delta R.T. -0.02 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

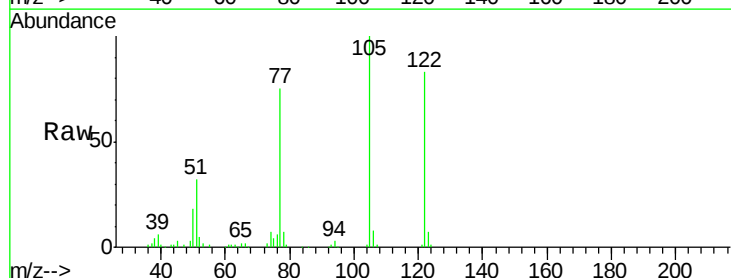
Tgt Ion:122 Resp: 326365

Ion Ratio Lower Upper

122 100

105 120.9 107.2 147.2

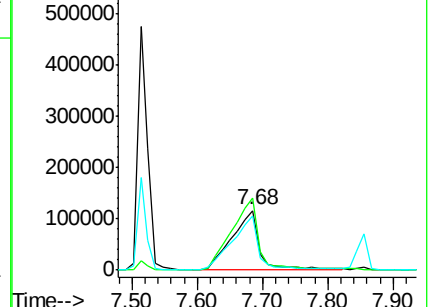
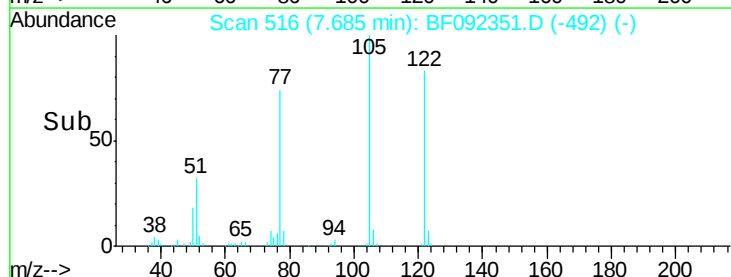
77 90.8 74.5 114.5

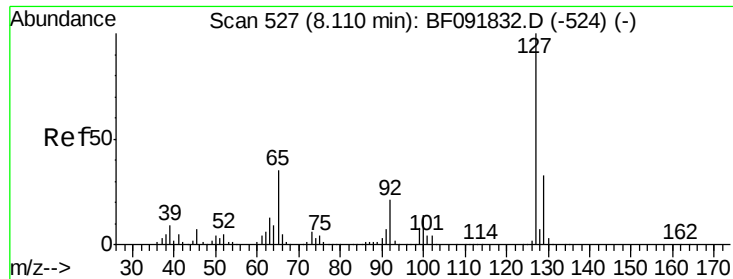


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

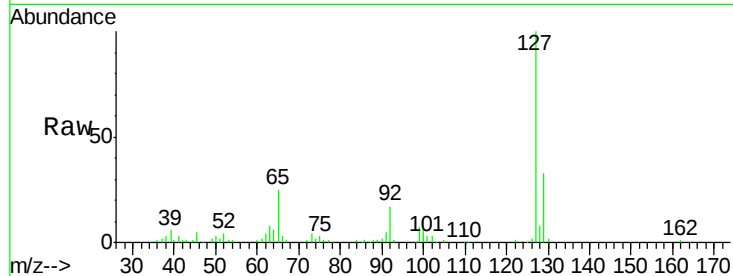




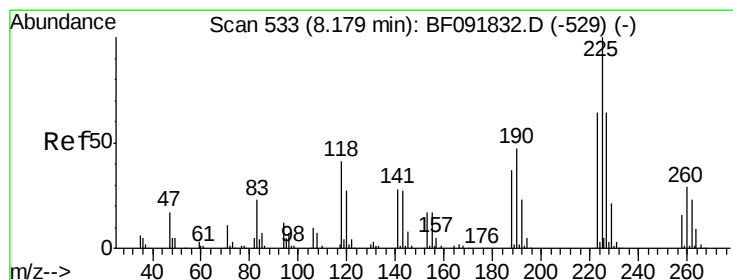
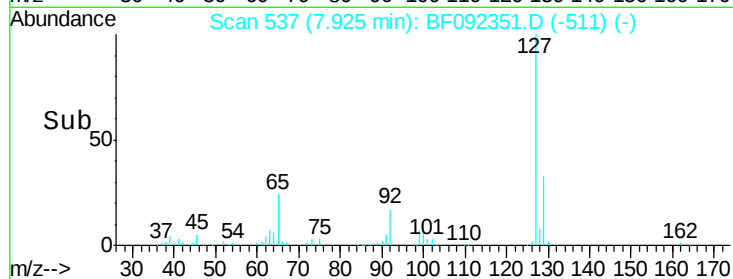
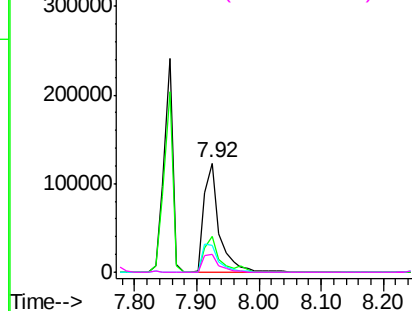
#33
4-Chloroaniline
Concen: 12.65 ng
RT: 7.92 min Scan# 537
Delta R.T. -0.00 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

Instrument :
BNA_F
ClientSampleId :
PB96090BS

Tgt Ion:	127	Resp:	212898
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.3	39.5
65	24.6	25.8	38.8#
92	16.7	16.1	24.1

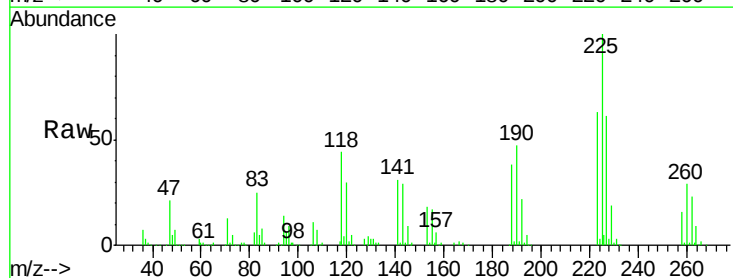


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

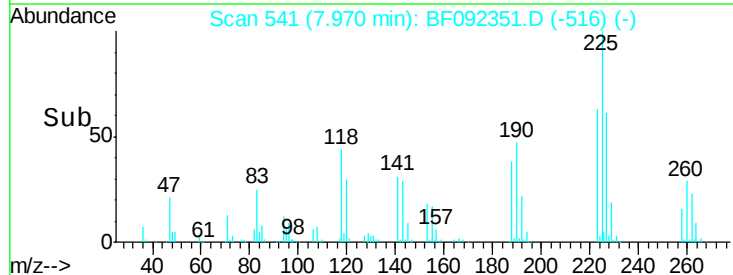
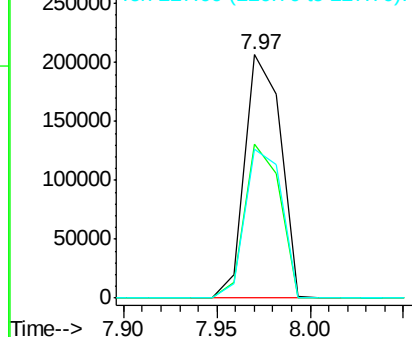


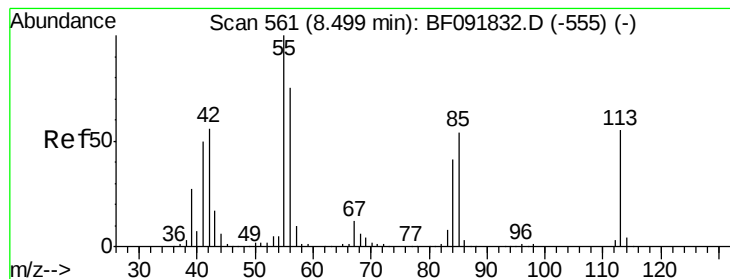
#34
Hexachlorobutadiene
Concen: 44.00 ng
RT: 7.97 min Scan# 541
Delta R.T. -0.01 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

Tgt Ion:	225	Resp:	275365
Ion	Ratio	Lower	Upper
225	100		
223	63.5	51.0	76.6
227	61.4	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: 47.52 ng m

RT: 8.30 min Scan# 570

Delta R.T. -0.01 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

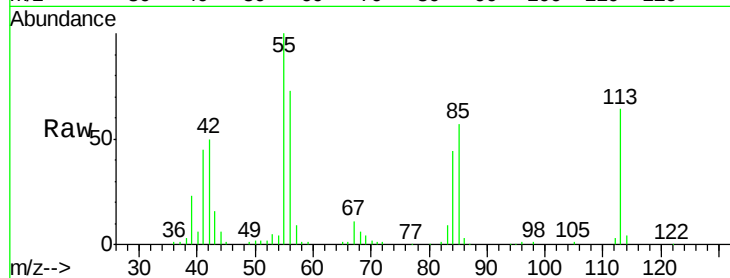
Tgt Ion:113 Resp: 168937

Ion Ratio Lower Upper

113 100

55 156.7 119.2 159.2

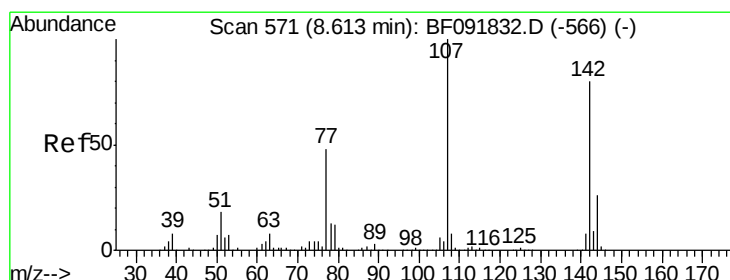
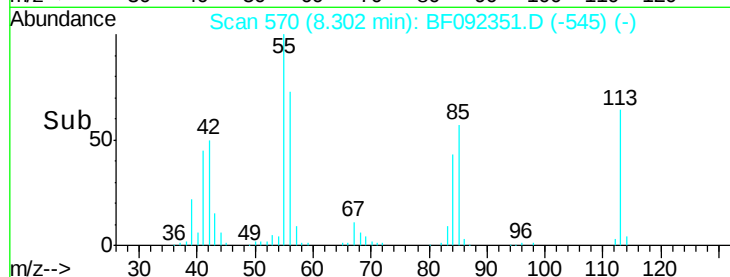
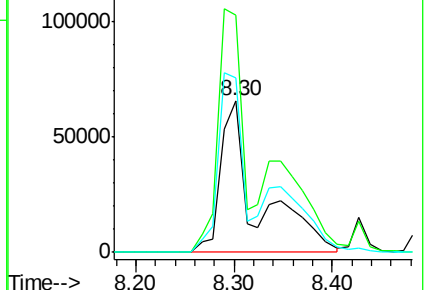
56 115.1 83.8 123.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.06 ng

RT: 8.43 min Scan# 581

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

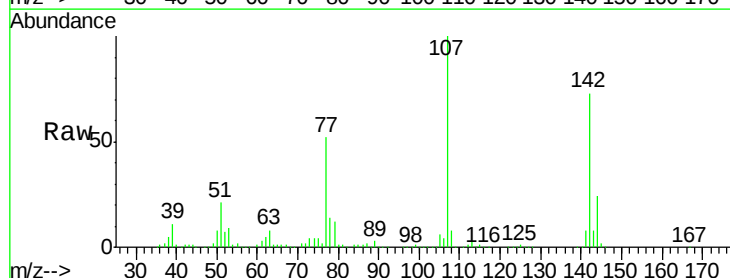
Tgt Ion:107 Resp: 523616

Ion Ratio Lower Upper

107 100

144 24.0 19.3 28.9

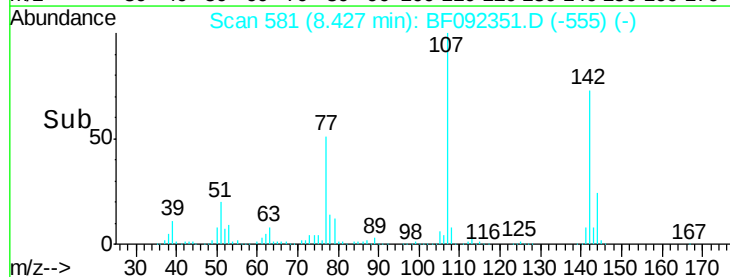
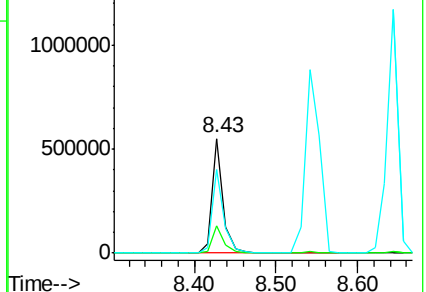
142 73.4 59.0 88.6

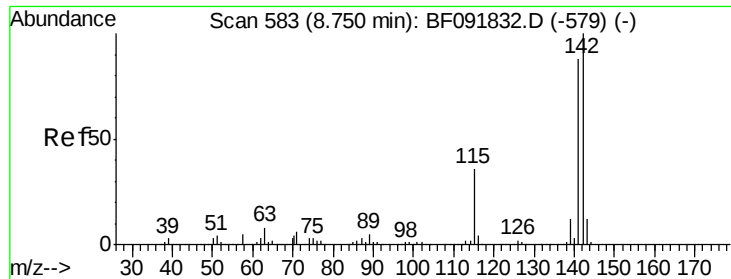


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

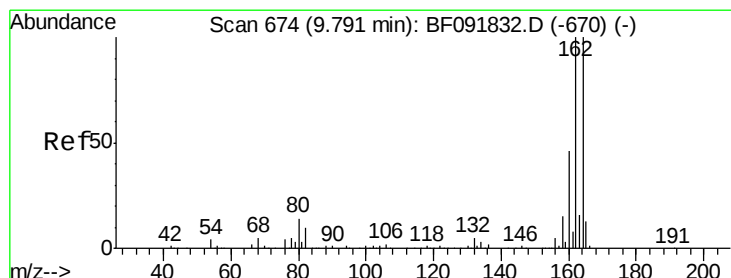
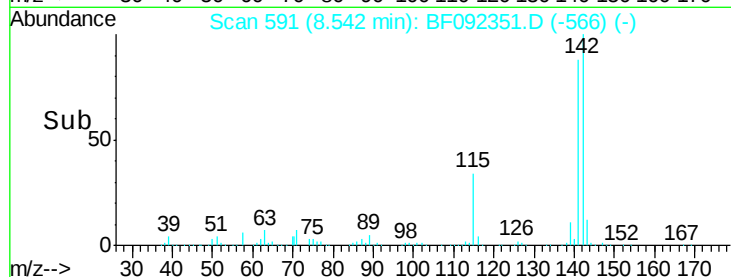
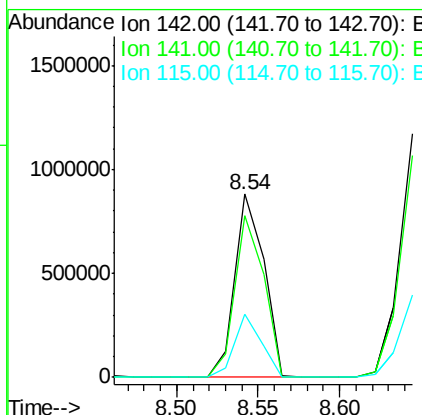
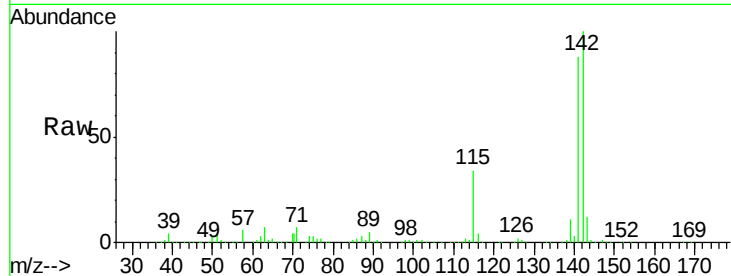




#37
2-Methylnaphthalene
Concen: 50.05 ng
RT: 8.54 min Scan# 591
Delta R.T. -0.01 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

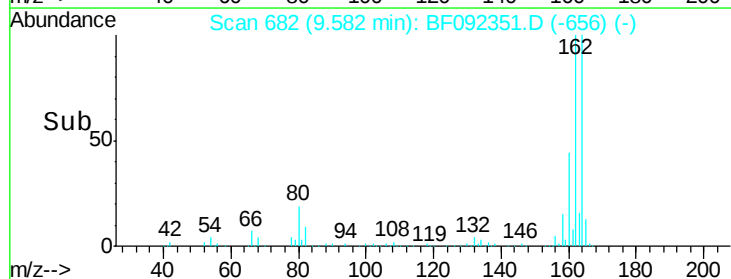
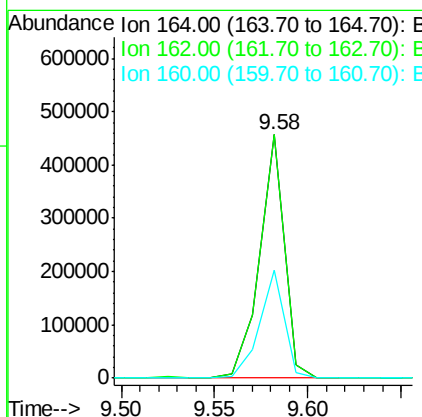
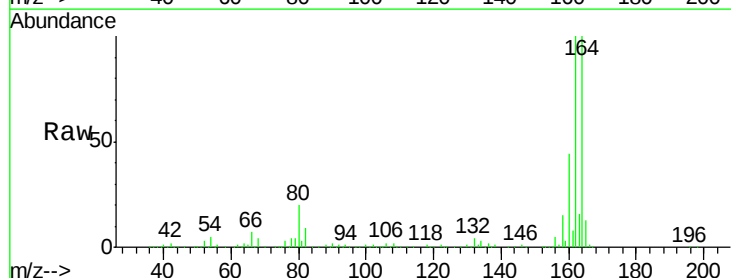
Instrument :
BNA_F
ClientSampleId :
PB96090BS

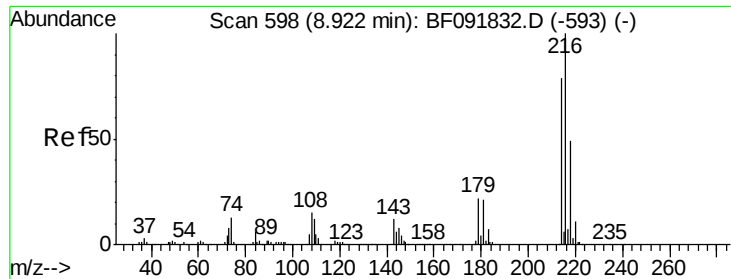
Tgt Ion:142 Resp: 1086384
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.6
115 34.4 28.3 42.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.58 min Scan# 682
Delta R.T. -0.00 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

Tgt Ion:164 Resp: 416745
Ion Ratio Lower Upper
164 100
162 100.1 80.2 120.2
160 44.4 36.9 55.3

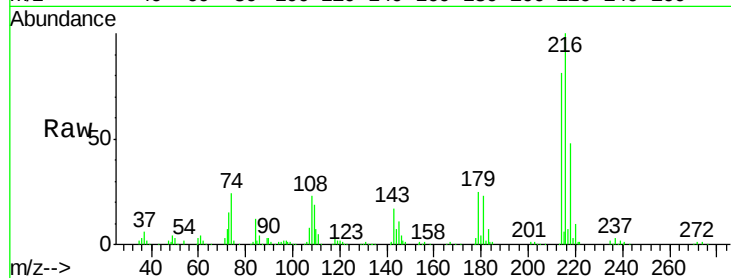




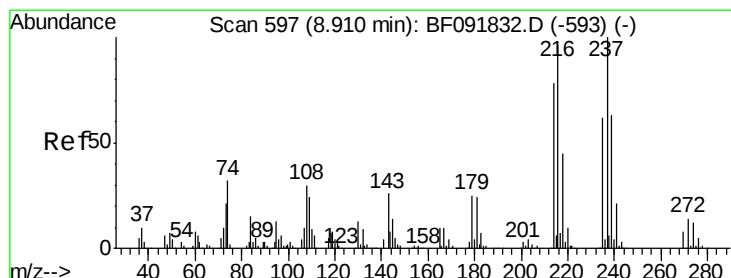
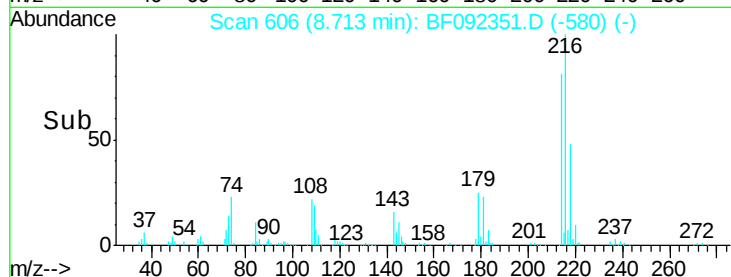
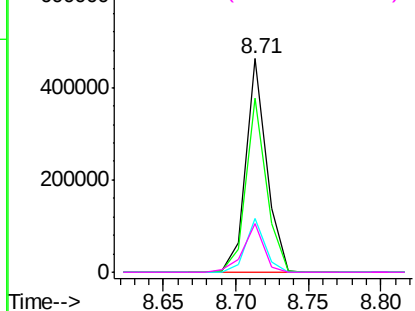
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.59 ng
 RT: 8.71 min Scan# 606
 Delta R.T. -0.00 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

Tgt Ion:	216	Resp:	458954
Ion	Ratio	Lower	Upper
216	100		
214	80.1	63.4	95.0
179	22.9	17.4	26.2
108	22.7	15.6	23.4

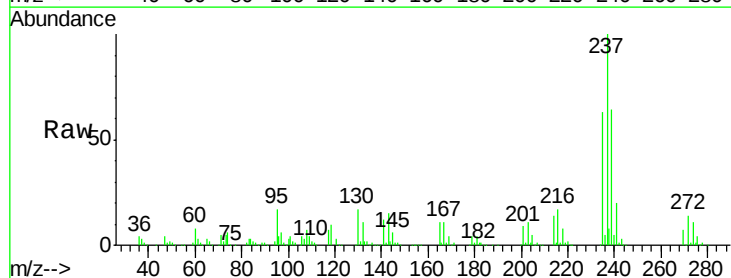


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

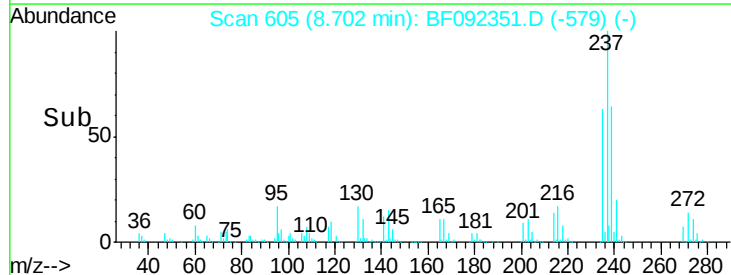
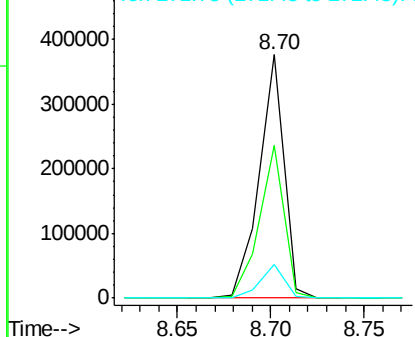


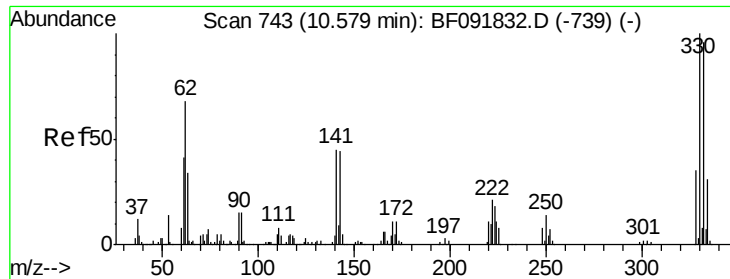
#40
 Hexachlorocyclopentadiene
 Concen: 74.08 ng
 RT: 8.70 min Scan# 605
 Delta R.T. -0.00 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Tgt Ion:	237	Resp:	345922
Ion	Ratio	Lower	Upper
237	100		
235	62.9	41.2	81.2
272	13.6	0.0	35.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

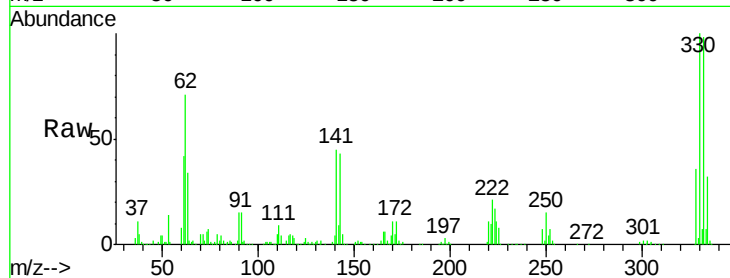




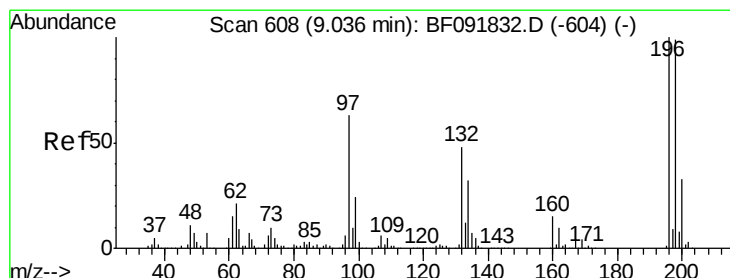
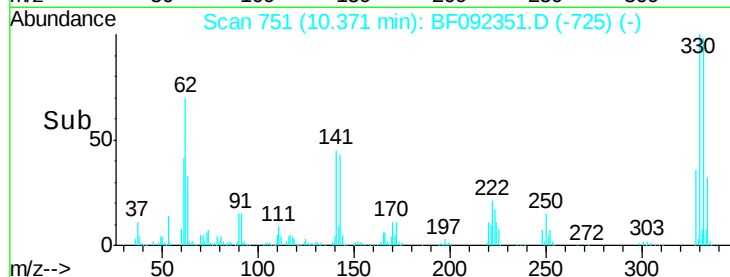
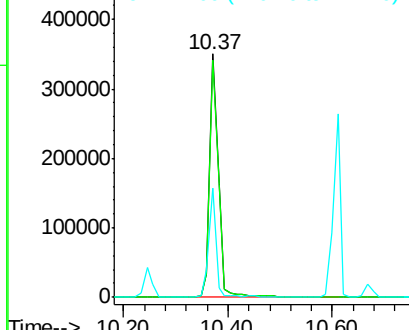
#41
 2,4,6-Tribromophenol
 Concen: 119.77 ng
 RT: 10.37 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

Tgt Ion:330 Resp: 413076
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 36.6 34.1 51.1

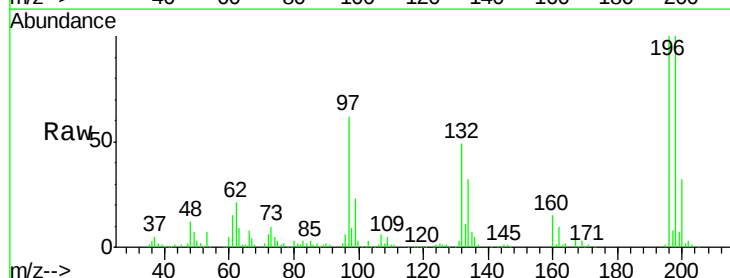


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

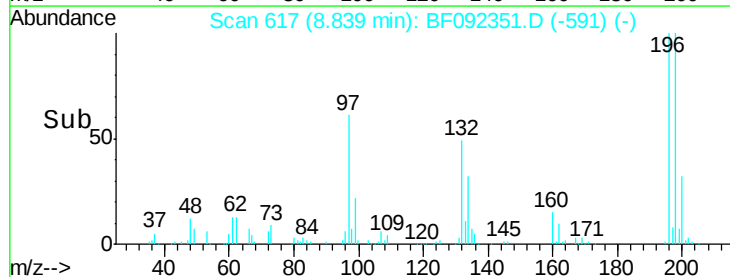
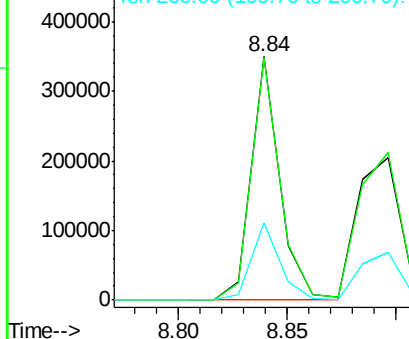


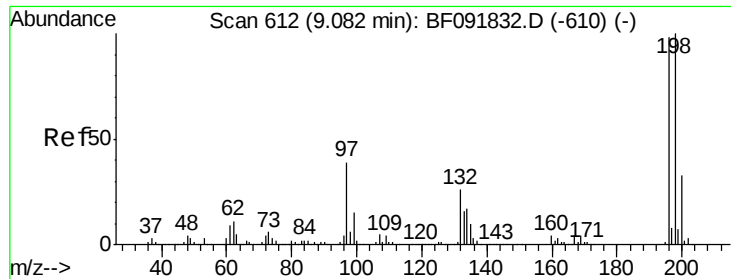
#42
 2,4,6-Trichlorophenol
 Concen: 43.49 ng
 RT: 8.84 min Scan# 617
 Delta R.T. -0.00 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Tgt Ion:196 Resp: 320235
 Ion Ratio Lower Upper
 196 100
 198 99.7 82.1 123.1
 200 31.6 27.0 40.4



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

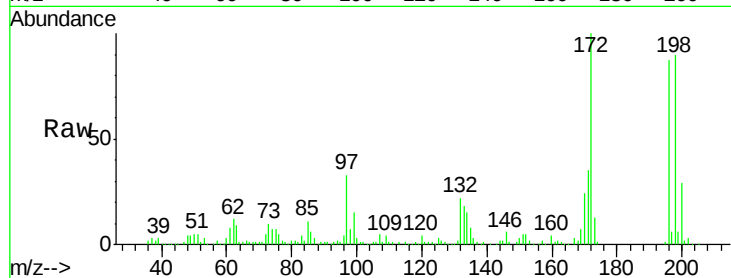




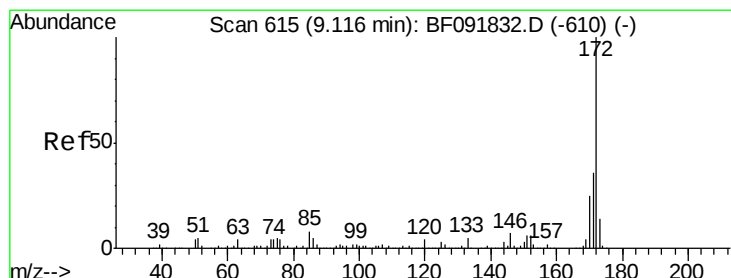
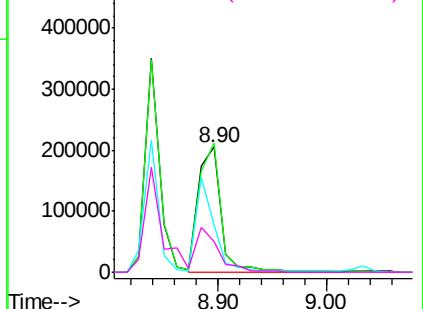
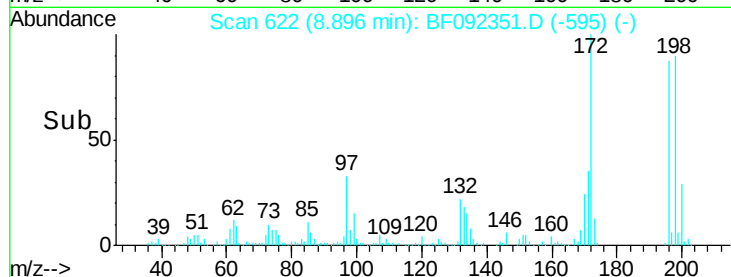
#43
 2,4,5-Trichlorophenol
 Concen: 39.26 ng
 RT: 8.90 min Scan# 622
 Delta R.T. 0.01 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

Tgt Ion:196 Resp: 297500
 Ion Ratio Lower Upper
 196 100
 198 103.5 79.4 119.2
 97 37.5 51.5 77.3#
 132 25.1 27.4 41.2#

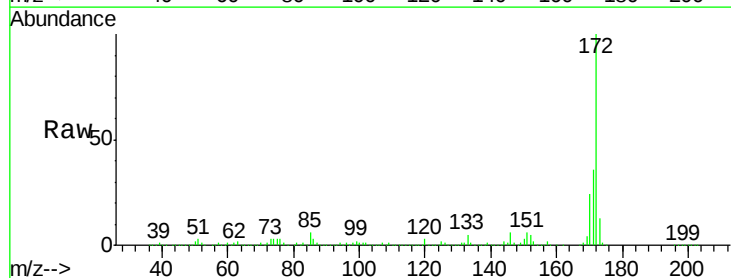


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

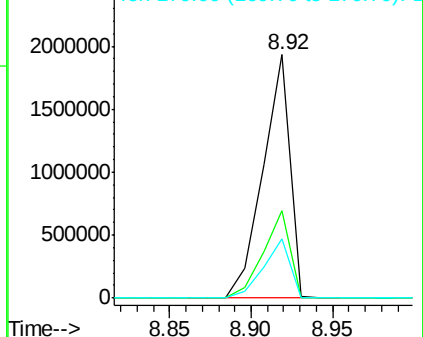
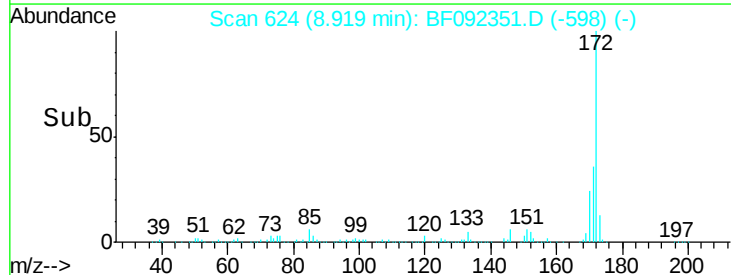


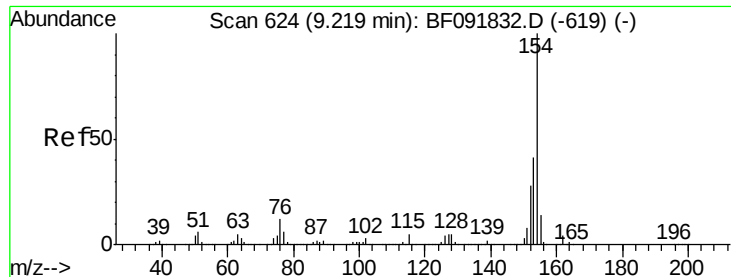
#44
 2-Fluorobiphenyl
 Concen: 113.90 ng
 RT: 8.92 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Tgt Ion:172 Resp: 2227471
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.4 20.2 30.4



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





#45

1,1'-Biphenyl

Concen: 45.38 ng

RT: 9.01 min Scan# 632

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

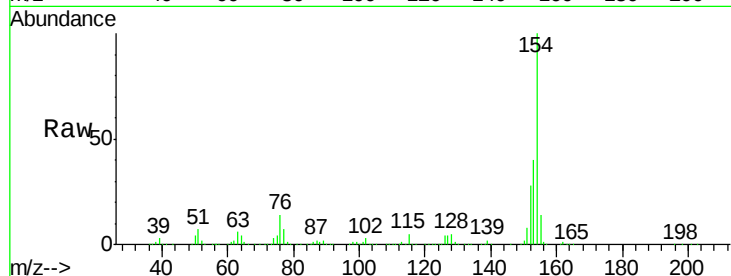
Tgt Ion:154 Resp: 1294991

Ion Ratio Lower Upper

154 100

153 39.8 20.9 60.9

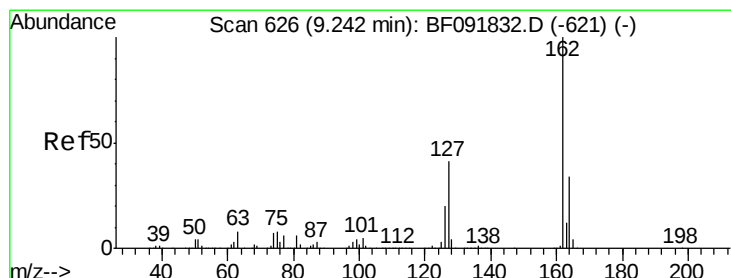
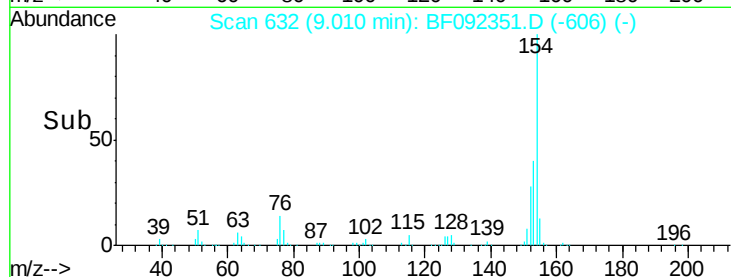
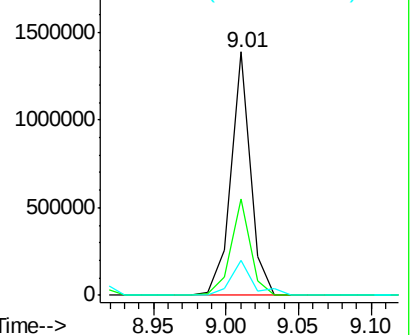
76 14.3 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 45.99 ng

RT: 9.03 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

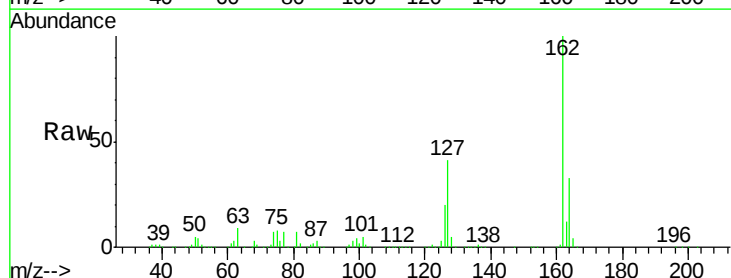
Tgt Ion:162 Resp: 1039253

Ion Ratio Lower Upper

162 100

127 40.9 30.7 46.1

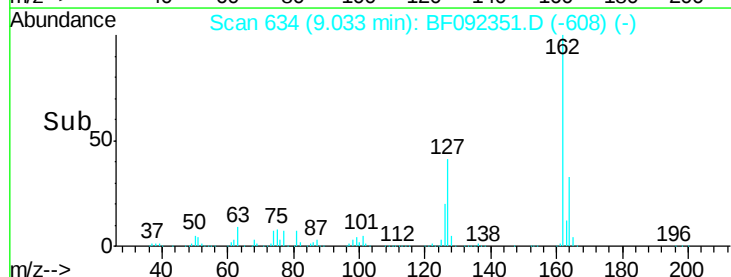
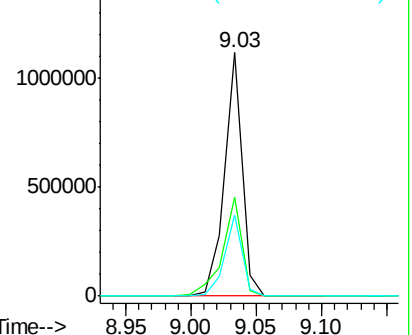
164 33.3 27.6 41.4

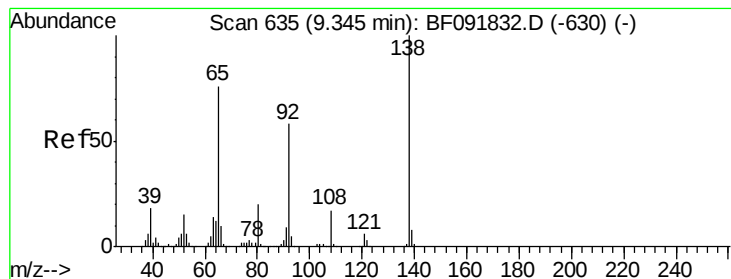


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 41.29 ng

RT: 9.15 min Scan# 644

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

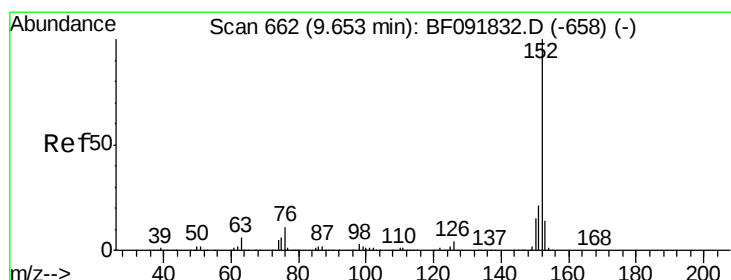
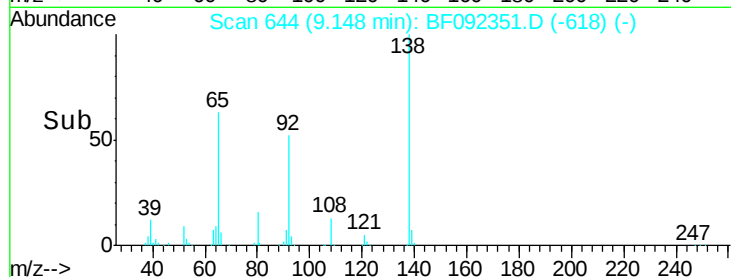
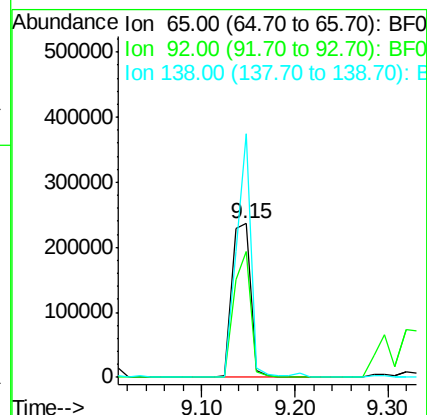
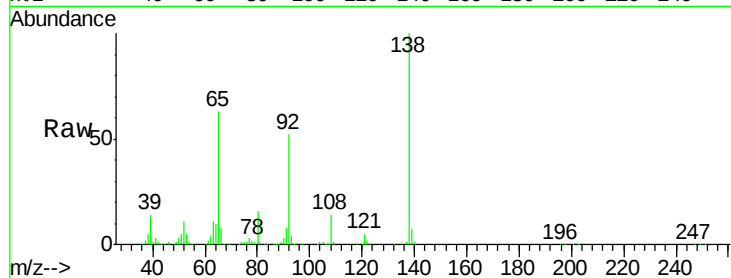
Tgt Ion: 65 Resp: 332226

Ion Ratio Lower Upper

65 100

92 82.0 53.9 80.9#

138 158.4 76.8 115.2#



#48

Acenaphthylene

Concen: 44.96 ng

RT: 9.44 min Scan# 670

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

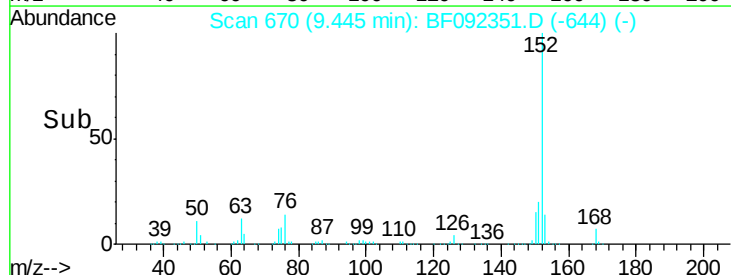
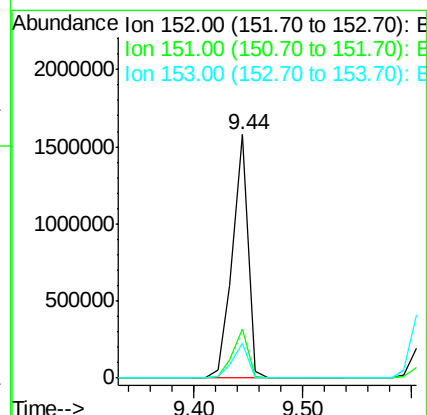
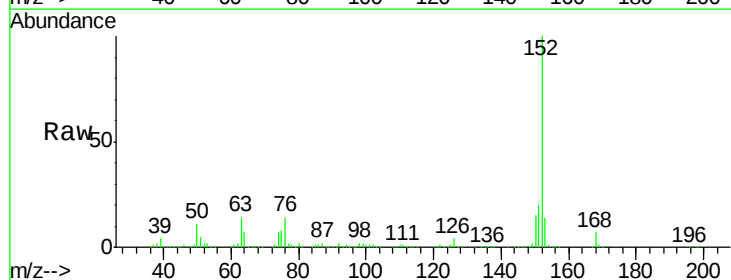
Tgt Ion: 152 Resp: 1562420

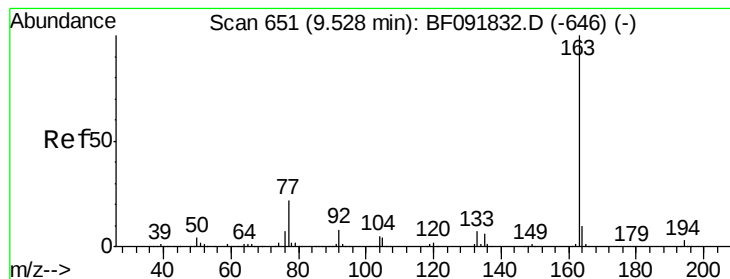
Ion Ratio Lower Upper

152 100

151 20.4 16.9 25.3

153 14.2 11.4 17.2





#49

Dimethylphthalate

Concen: 47.70 ng

RT: 9.33 min Scan# 660

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

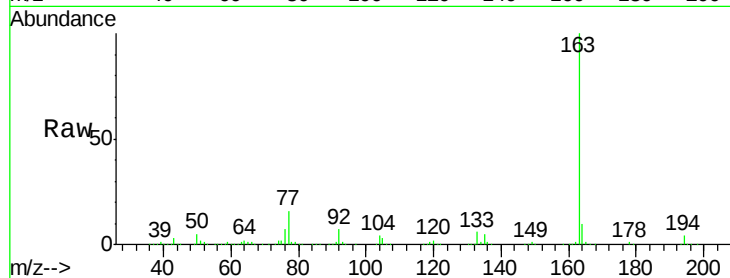
Tgt Ion:163 Resp: 1271298

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.4

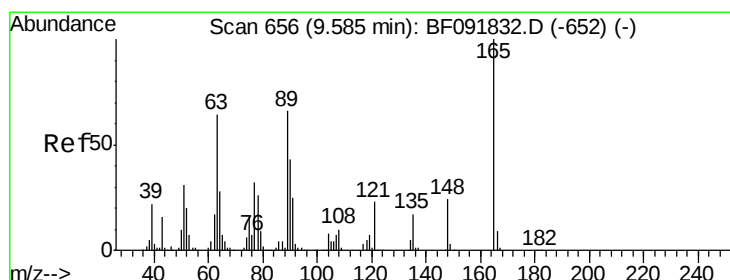
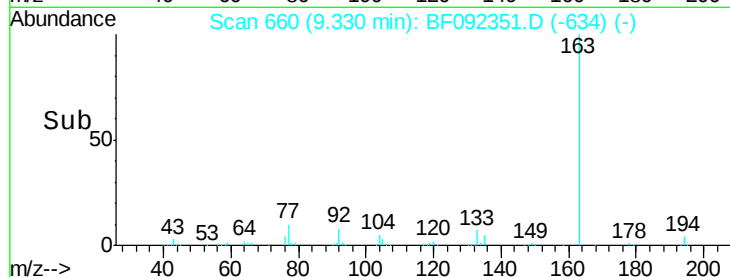
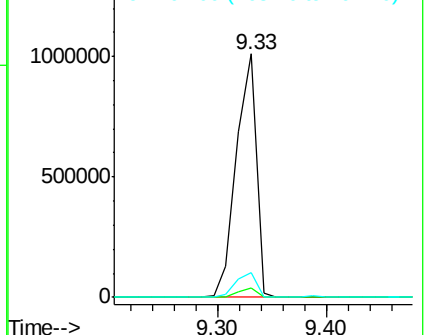
164 10.0 8.0 12.0



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: 46.60 ng

RT: 9.39 min Scan# 665

Delta R.T. -0.01 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

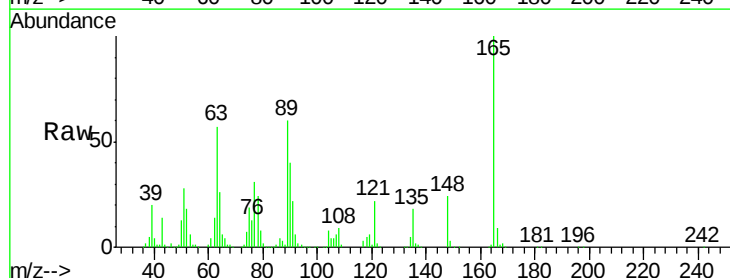
Tgt Ion:165 Resp: 271837

Ion Ratio Lower Upper

165 100

63 57.4 36.2 54.4#

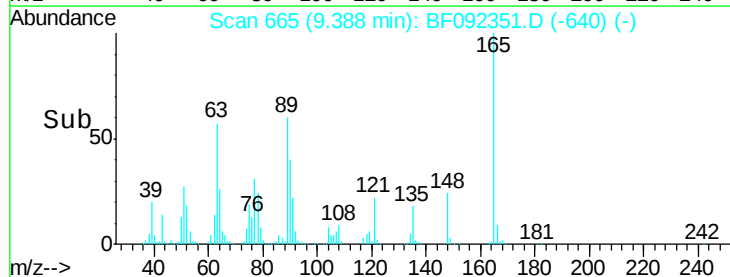
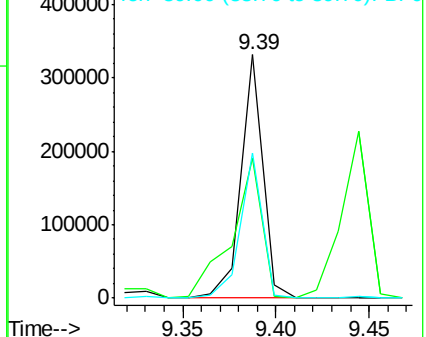
89 59.6 40.2 60.4

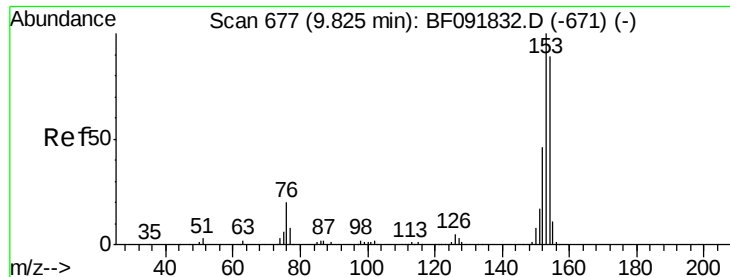


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 44.37 ng

RT: 9.62 min Scan# 685

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

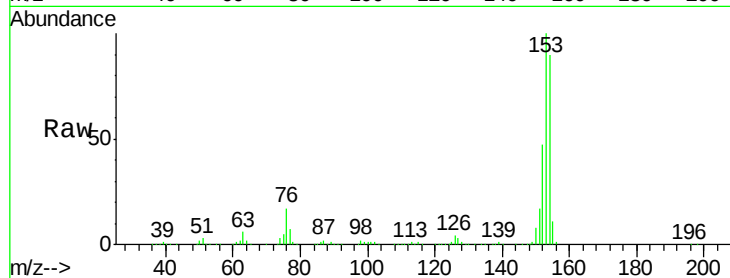
Tgt Ion:154 Resp: 1045391

Ion Ratio Lower Upper

154 100

153 110.5 88.6 133.0

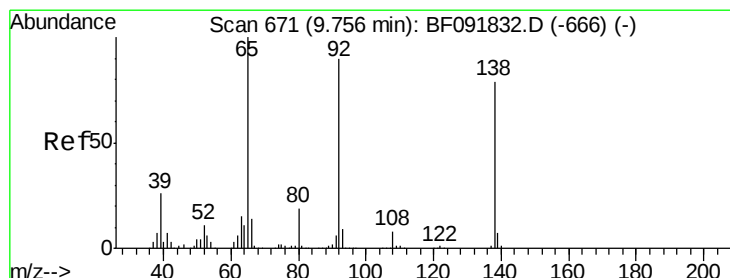
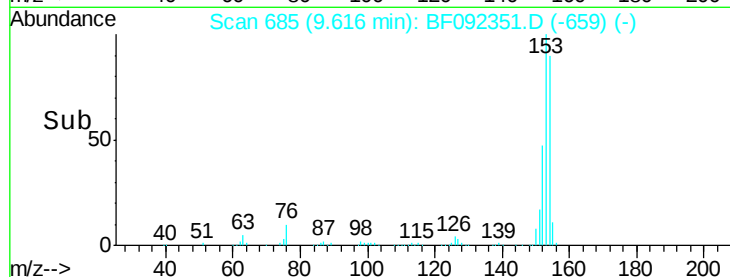
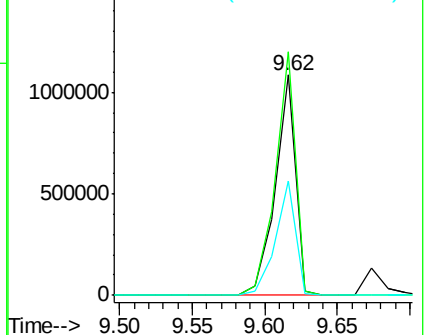
152 51.9 41.6 62.4



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: 22.52 ng

RT: 9.56 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

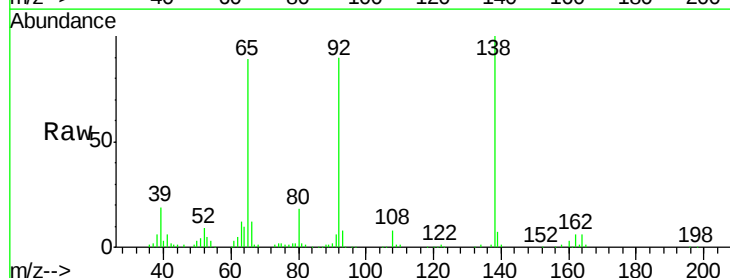
Tgt Ion:138 Resp: 162613

Ion Ratio Lower Upper

138 100

108 8.4 8.5 12.7#

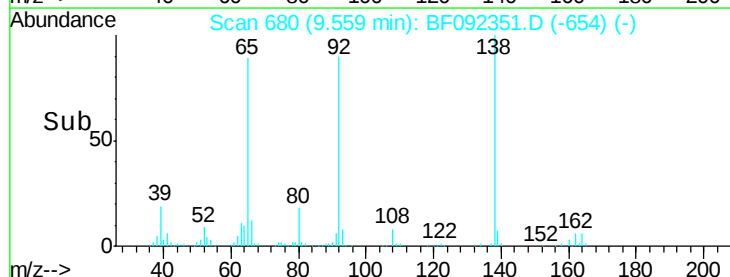
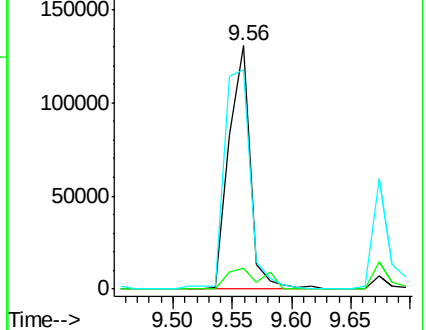
92 90.0 97.8 146.8#

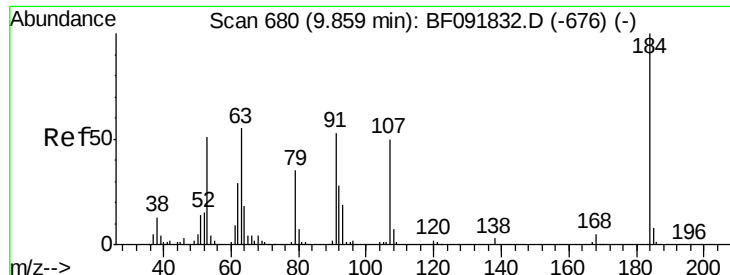


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

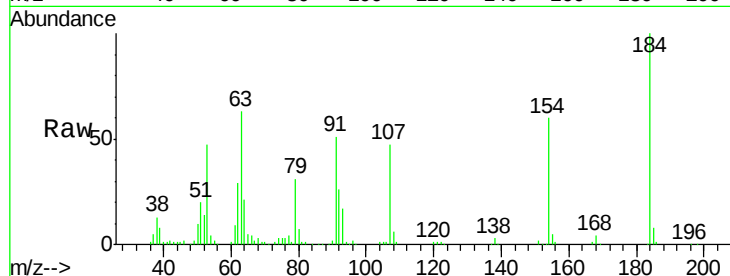




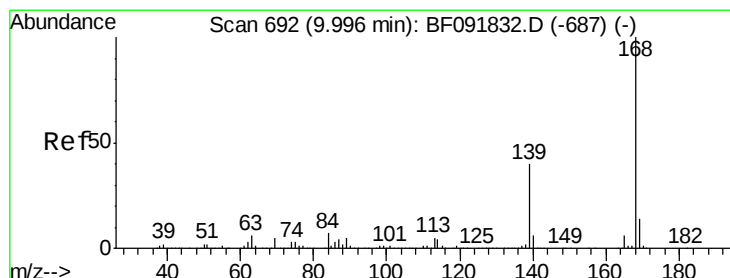
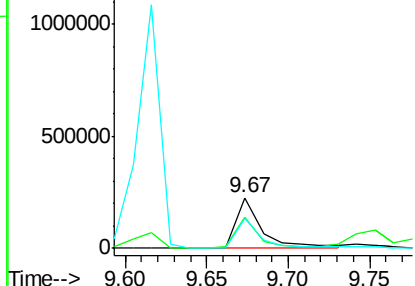
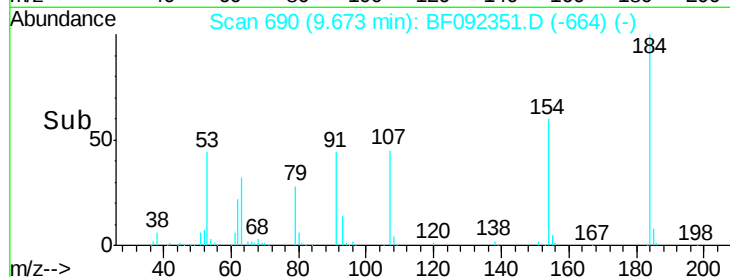
#53
2,4-Dinitrophenol
Concen: 74.90 ng
RT: 9.67 min Scan# 690
Delta R.T. -0.00 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

Instrument :
BNA_F
ClientSampleId :
PB96090BS

Tgt Ion:184 Resp: 243121
Ion Ratio Lower Upper
184 100
63 62.9 28.4 42.6#
154 59.8 44.3 66.5

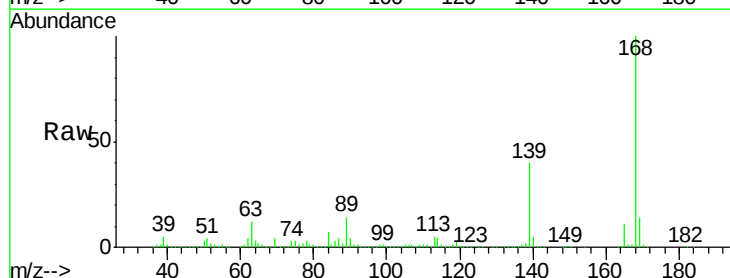


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 154.00 (153.70 to 154.70): E

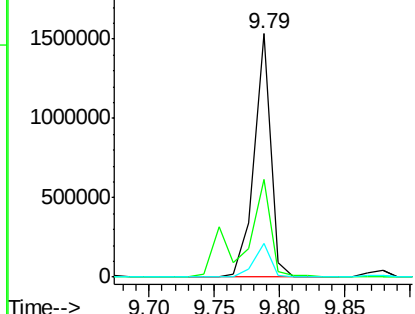
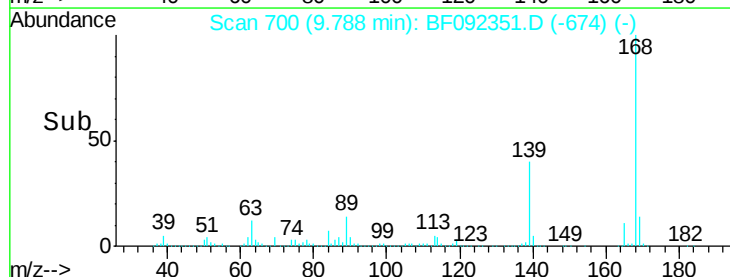


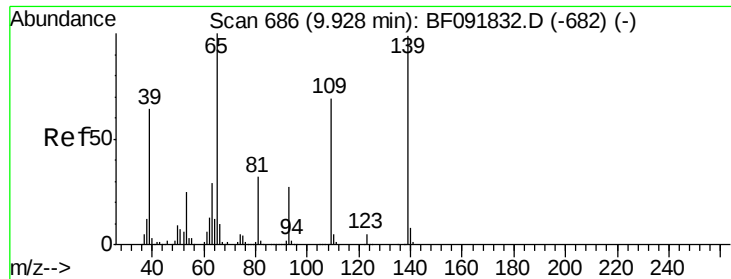
#54
Dibenzofuran
Concen: 42.97 ng
RT: 9.79 min Scan# 700
Delta R.T. -0.00 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

Tgt Ion:168 Resp: 1367405
Ion Ratio Lower Upper
168 100
139 40.2 32.6 49.0
169 13.9 11.3 16.9



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

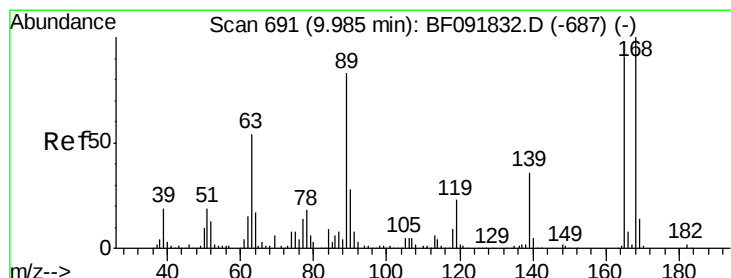
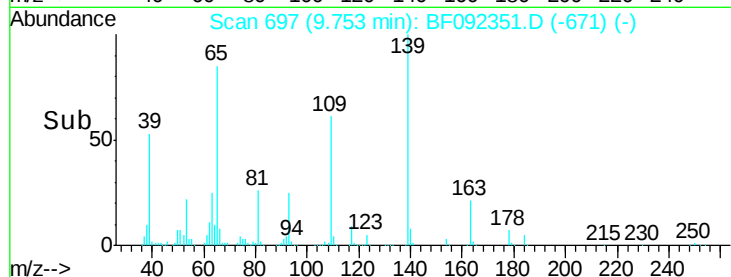
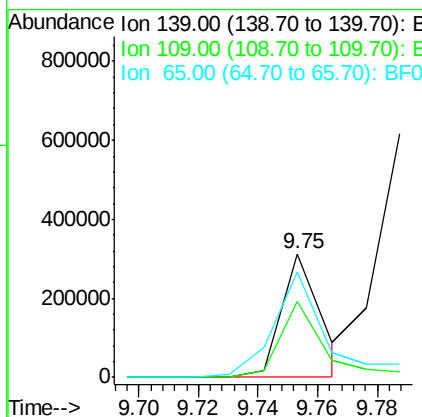
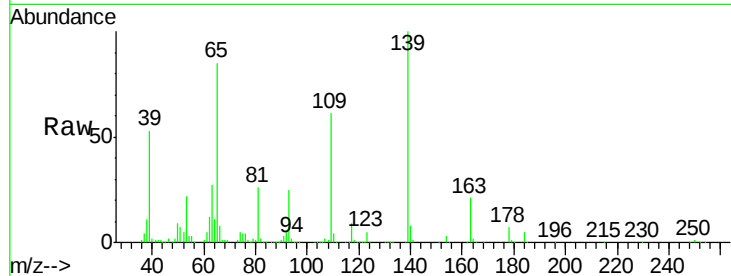




#55
4-Nitrophenol
Concen: 58.95 ng m
RT: 9.75 min Scan# 697
Delta R.T. -0.00 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

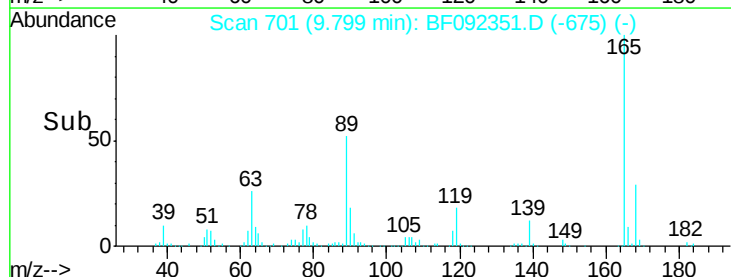
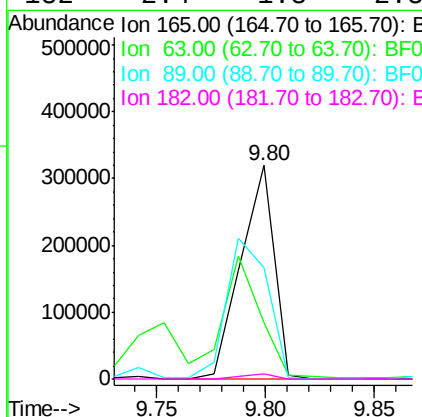
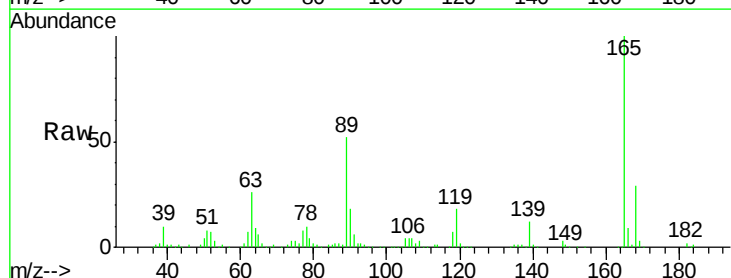
Instrument :
BNA_F
ClientSampleID :
PB96090BS

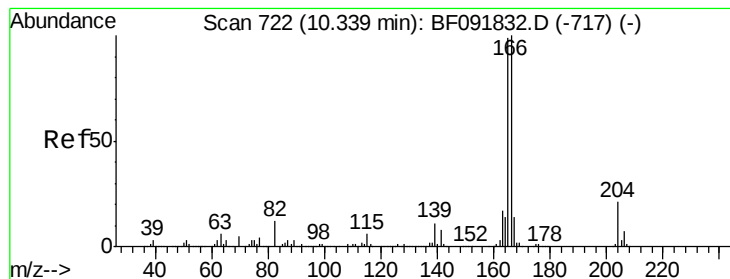
Tgt Ion:139 Resp: 288959
Ion Ratio Lower Upper
139 100
109 61.3 52.2 92.2
65 85.1 85.8 125.8#



#56
2,4-Dinitrotoluene
Concen: 46.60 ng
RT: 9.80 min Scan# 701
Delta R.T. -0.00 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

Tgt Ion:165 Resp: 341235
Ion Ratio Lower Upper
165 100
63 26.2 40.2 60.4#
89 52.0 62.5 93.7#
182 2.4 1.8 2.8





#57

Fluorene

Concen: 47.04 ng

RT: 10.13 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

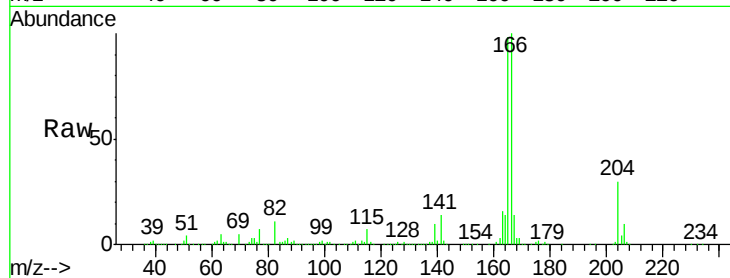
Tgt Ion:166 Resp: 1089053

Ion Ratio Lower Upper

166 100

165 97.8 77.8 116.8

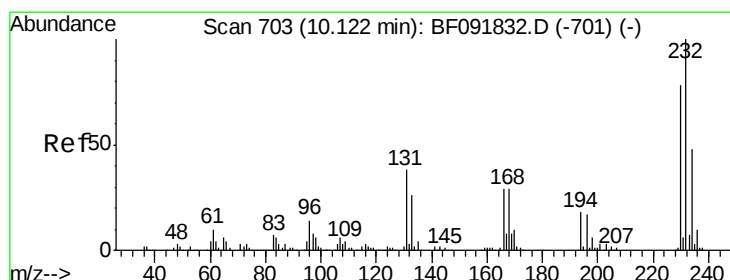
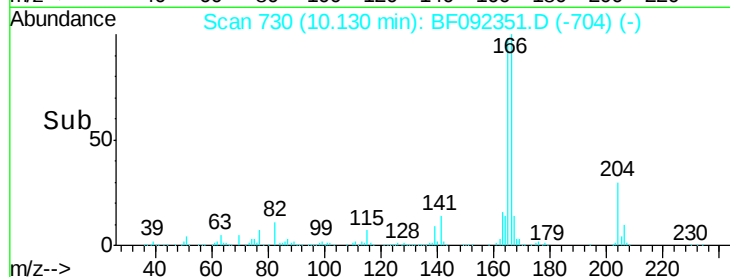
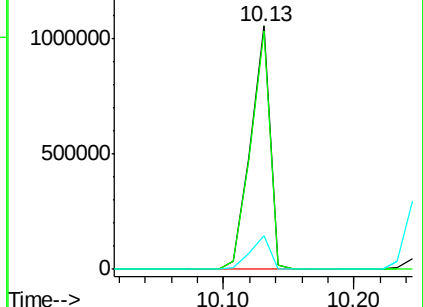
167 13.6 10.8 16.2



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: 44.80 ng

RT: 9.92 min Scan# 712

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Tgt Ion:232 Resp: 268516

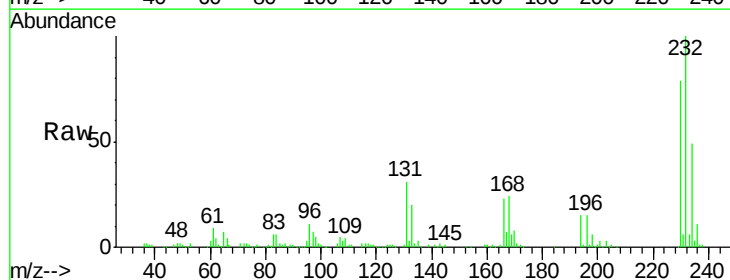
Ion Ratio Lower Upper

232 100

131 45.7 40.1 60.1

130 2.1 1.8 2.8

166 28.7 26.6 39.8

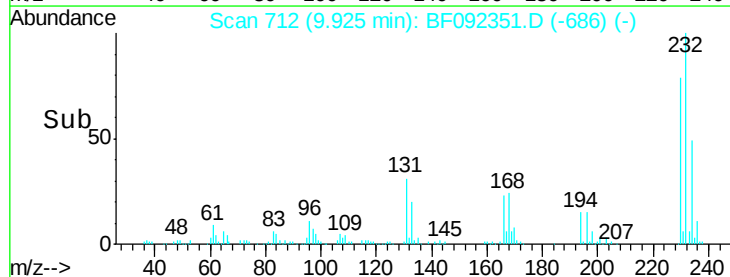
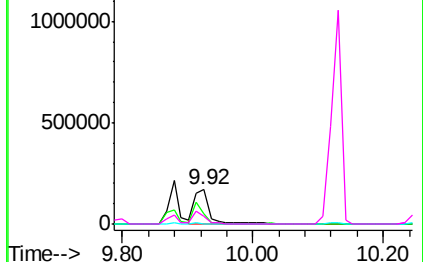


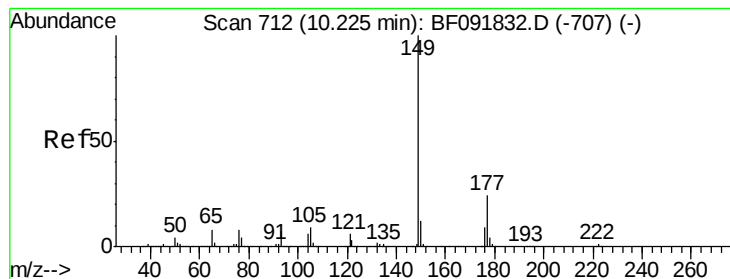
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 46.23 ng

RT: 10.03 min Scan# 721

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

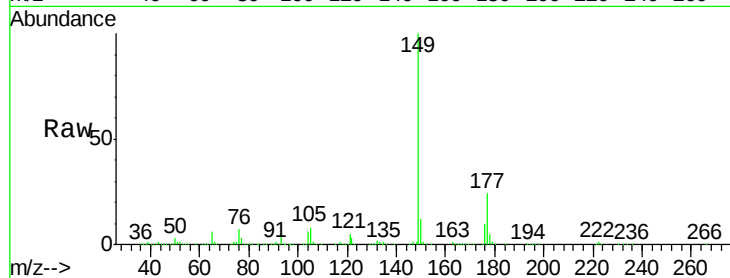
Tgt Ion:149 Resp: 1196593

Ion Ratio Lower Upper

149 100

177 24.5 16.6 25.0

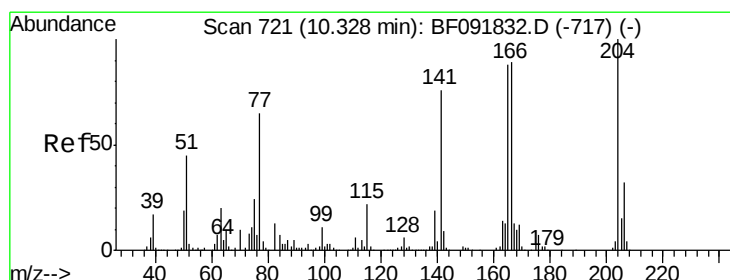
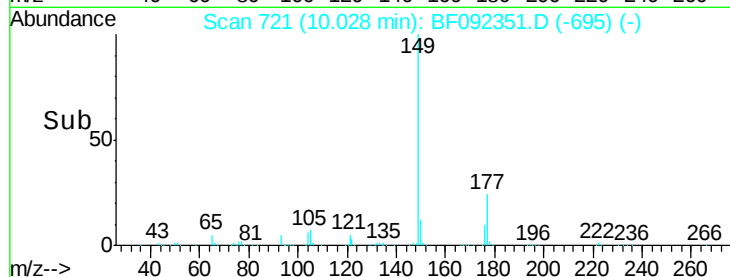
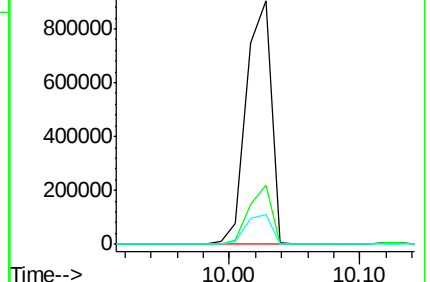
150 12.0 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 43.78 ng

RT: 10.13 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

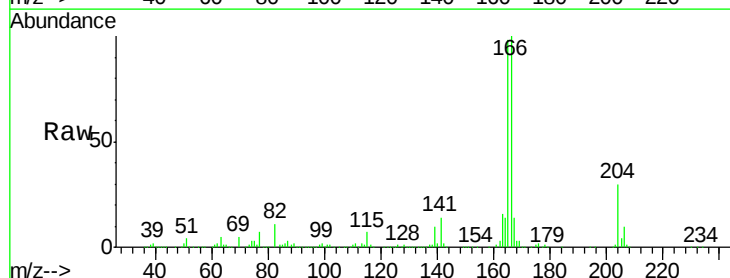
Tgt Ion:204 Resp: 443723

Ion Ratio Lower Upper

204 100

206 32.7 25.8 38.6

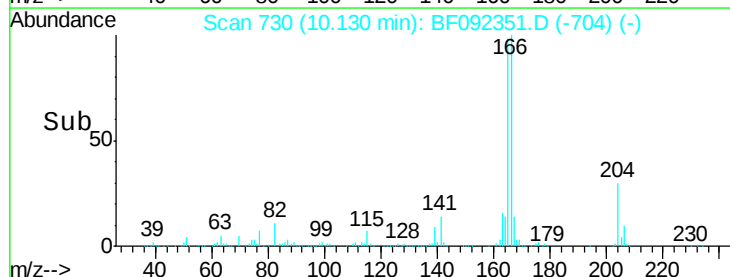
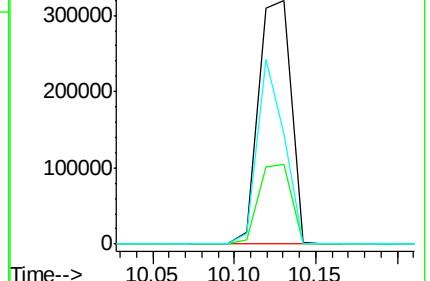
141 45.2 59.4 89.0#

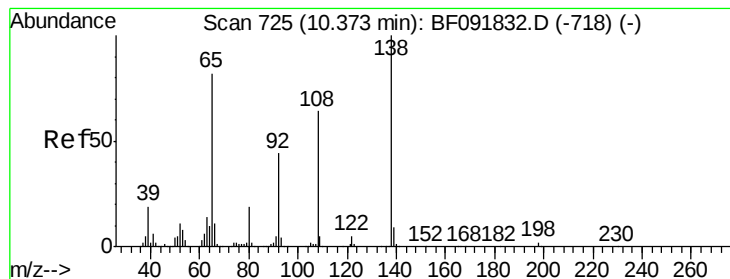


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 40.88 ng

RT: 10.18 min Scan# 734

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

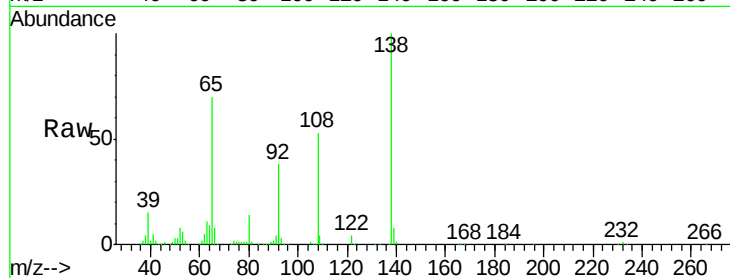
Tgt Ion:138 Resp: 305844

Ion Ratio Lower Upper

138 100

92 37.8 31.7 71.7

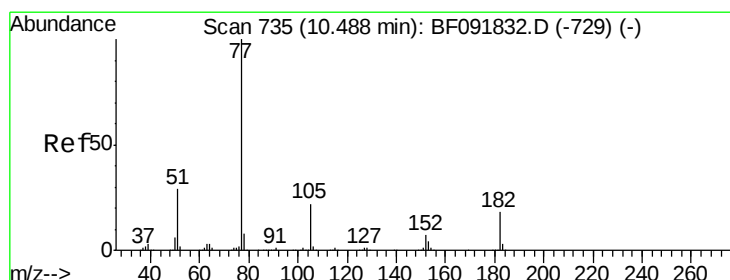
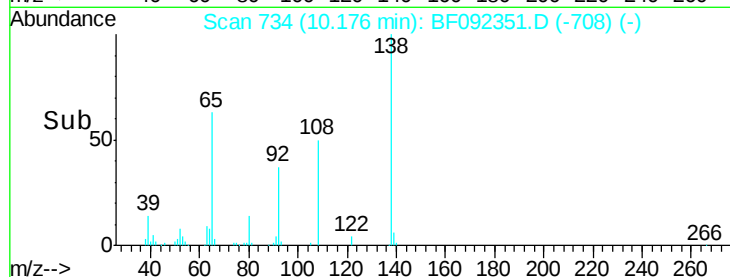
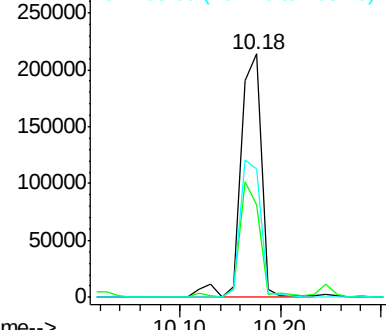
108 52.8 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 45.45 ng

RT: 10.28 min Scan# 743

Delta R.T. -0.01 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Tgt Ion: 77 Resp: 1295275

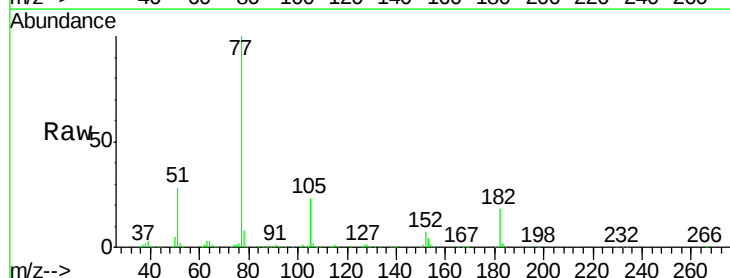
Ion Ratio Lower Upper

77 100

182 17.7 0.0 39.3

105 23.1 2.3 42.3

51 27.7 8.9 48.9

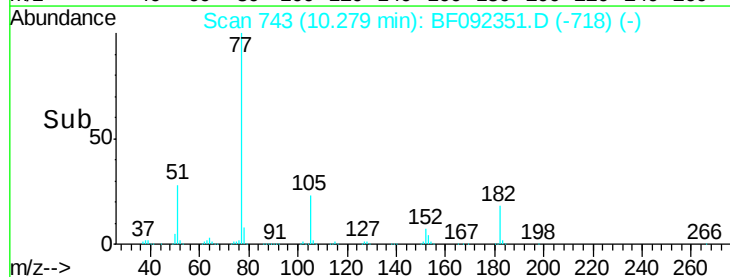
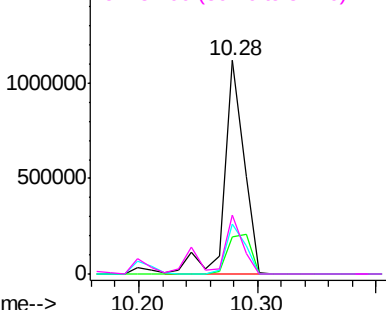


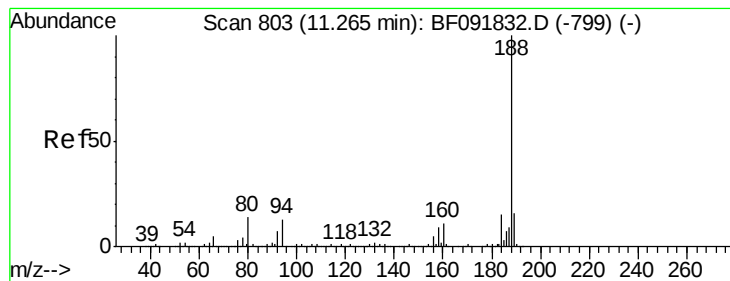
Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 11.06 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

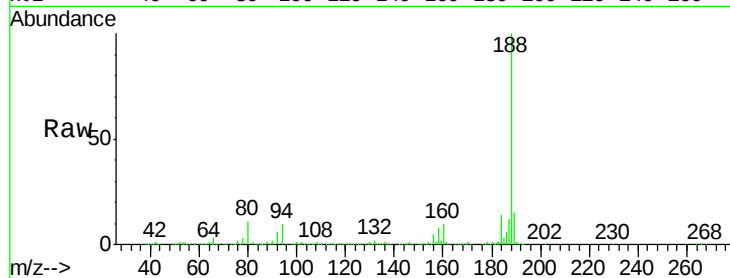
Tgt Ion:188 Resp: 641452

Ion Ratio Lower Upper

188 100

94 9.7 10.0 15.0#

80 10.6 11.2 16.8#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

1000000

800000

600000

400000

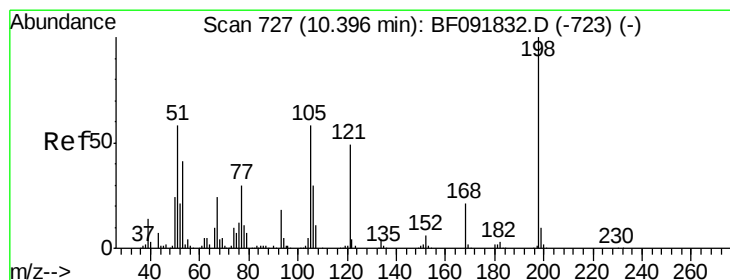
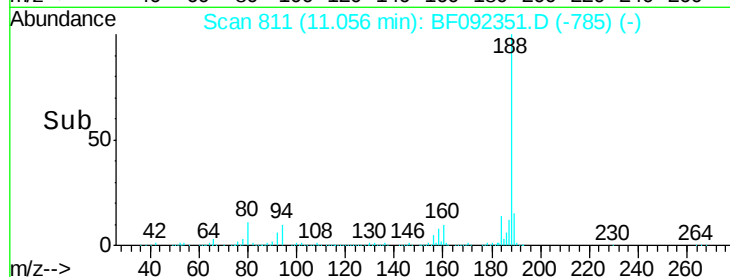
200000

0

11.06

11.00 11.05 11.10

Time-->



#64

4,6-Dinitro-2-methylphenol

Concen: 45.19 ng

RT: 10.21 min Scan# 737

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

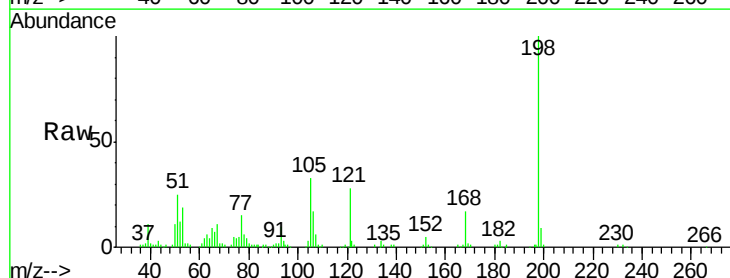
Tgt Ion:198 Resp: 175269

Ion Ratio Lower Upper

198 100

51 24.9 6.7 46.7

105 32.5 16.6 56.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

400000

300000

200000

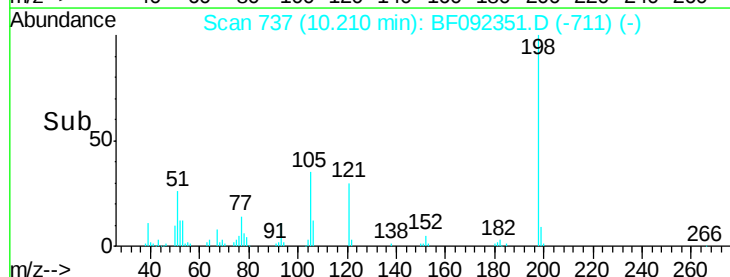
100000

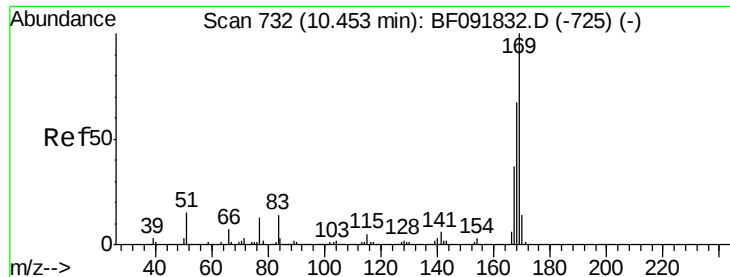
0

10.21

10.10 10.20 10.30

Time-->

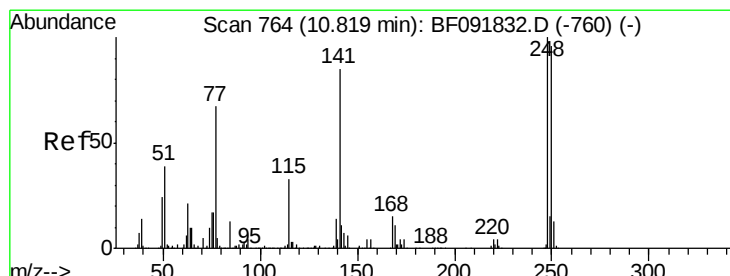
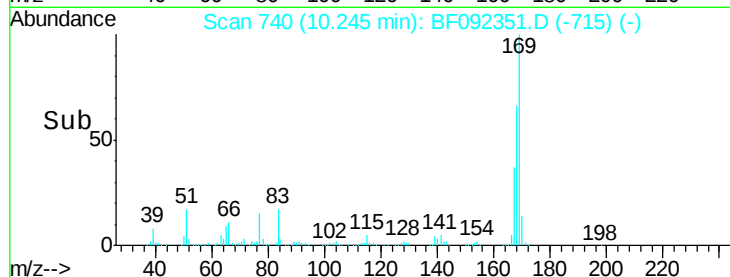
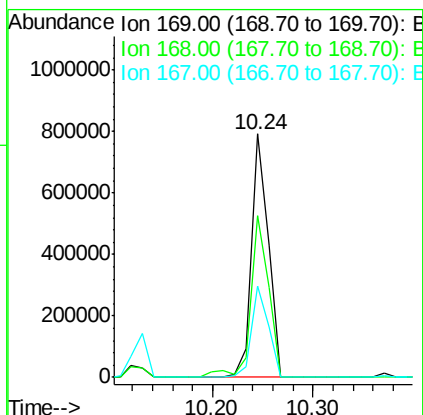
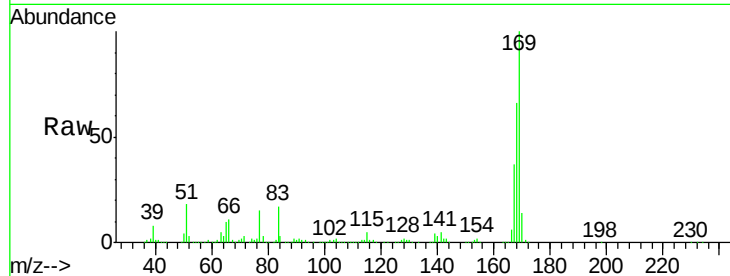




#65
 n-Nitrosodiphenylamine
 Concen: 48.17 ng
 RT: 10.24 min Scan# 740
 Delta R.T. -0.01 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

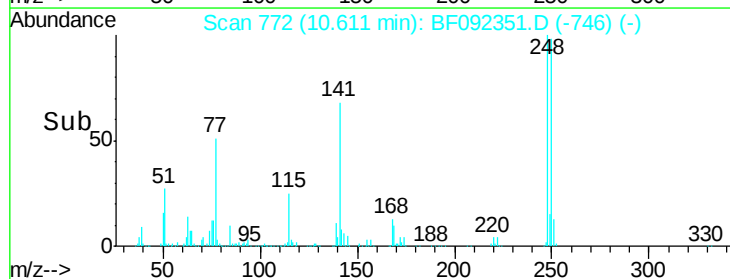
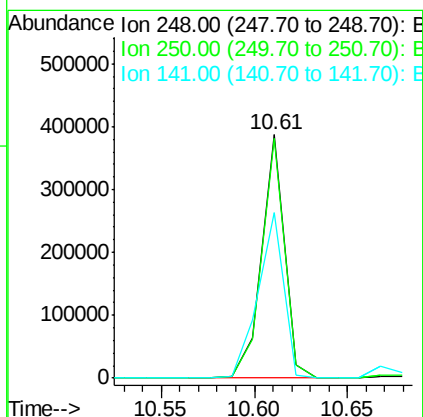
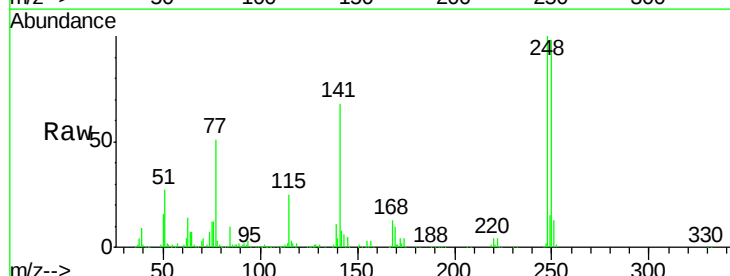
Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

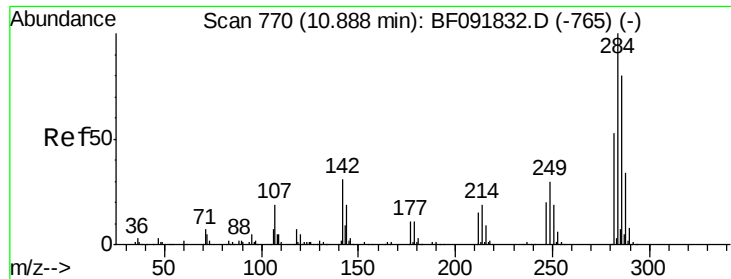
Tgt Ion:169 Resp: 916829
 Ion Ratio Lower Upper
 169 100
 168 66.5 54.2 81.2
 167 37.5 30.2 45.4



#66
 4-Bromophenyl-phenylether
 Concen: 48.89 ng
 RT: 10.61 min Scan# 772
 Delta R.T. -0.00 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Tgt Ion:248 Resp: 326233
 Ion Ratio Lower Upper
 248 100
 250 98.3 76.9 115.3
 141 68.2 68.2 102.4#

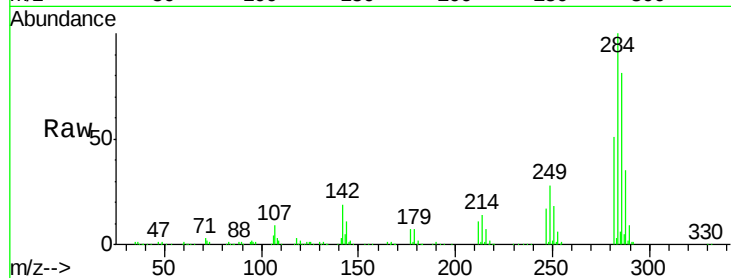




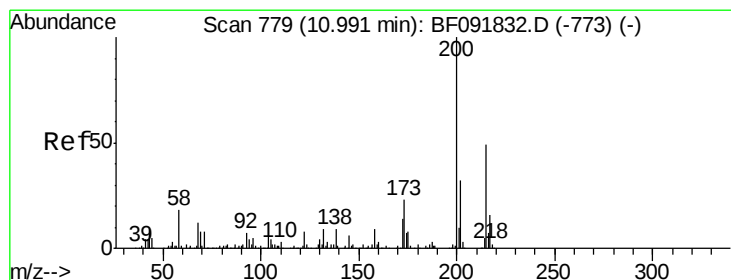
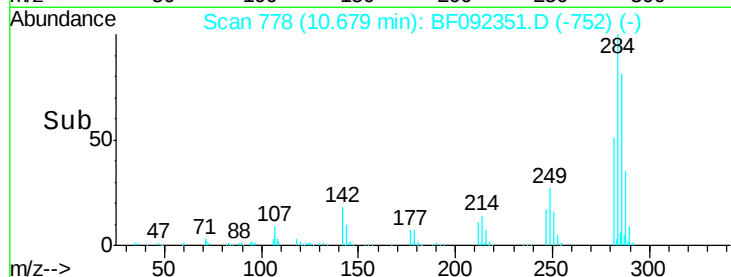
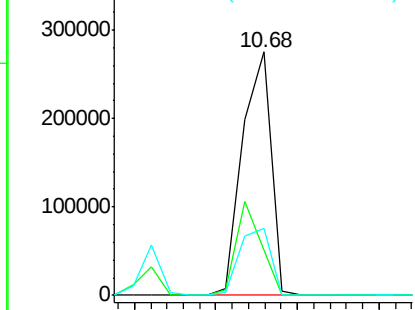
#67
Hexachlorobenzene
Concen: 46.77 ng
RT: 10.68 min Scan# 778
Delta R.T. -0.00 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

Instrument :
BNA_F
ClientSampleId :
PB96090BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	18.6	22.6	33.8#
249	27.5	25.4	38.0

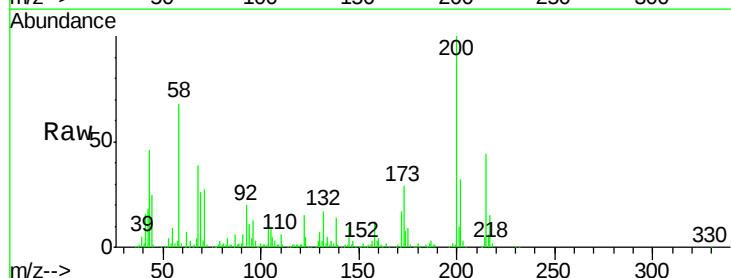


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

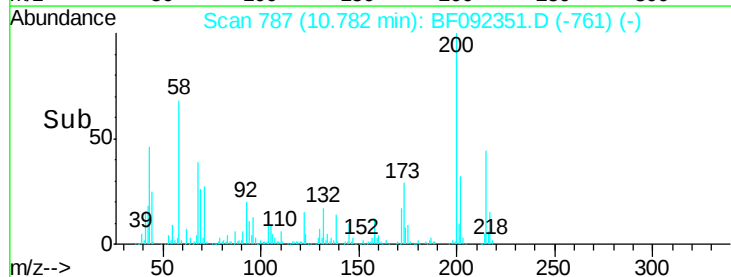
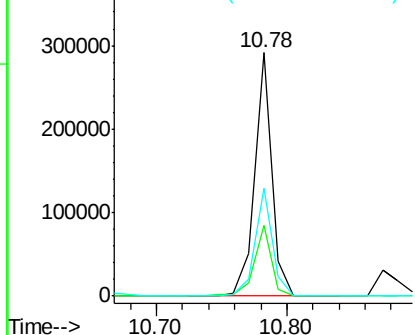


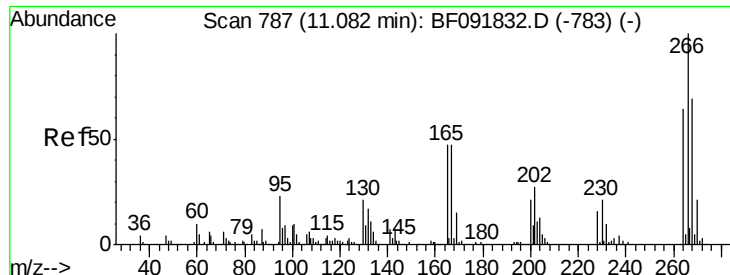
#68
Atrazine
Concen: 43.63 ng
RT: 10.78 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.3	9.6	49.6
215	44.2	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

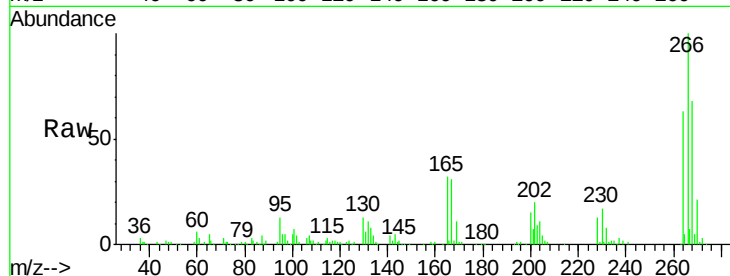




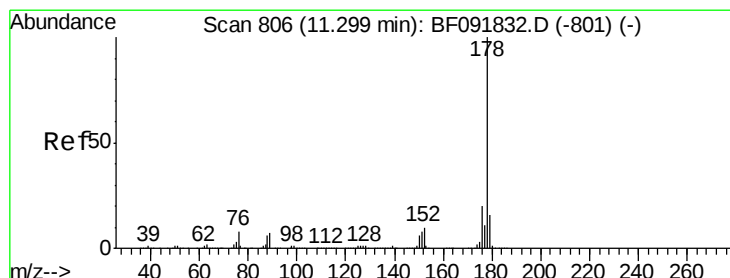
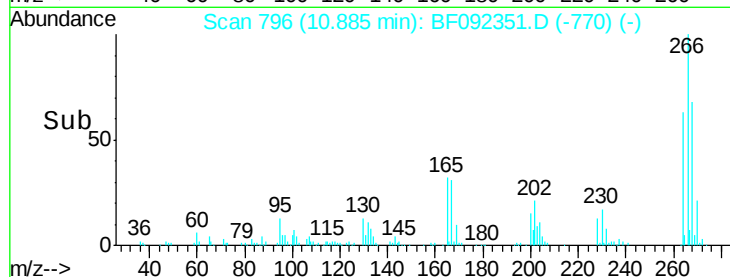
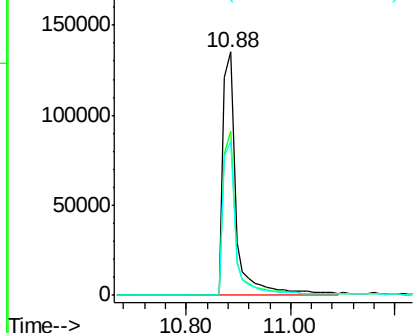
#69
 Pentachlorophenol
 Concen: 69.24 ng
 RT: 10.88 min Scan# 796
 Delta R.T. -0.00 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

Tgt Ion:266 Resp: 242318
 Ion Ratio Lower Upper
 266 100
 268 67.6 53.3 79.9
 264 63.1 50.3 75.5

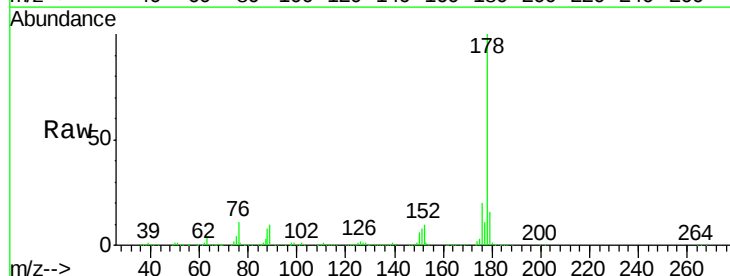


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

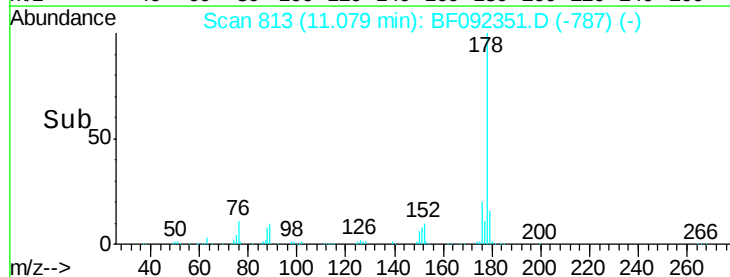
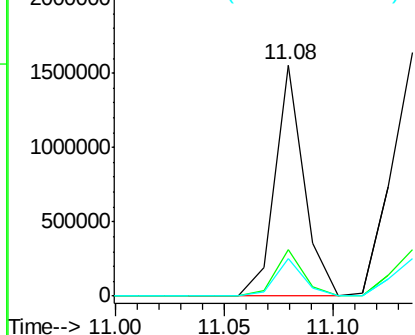


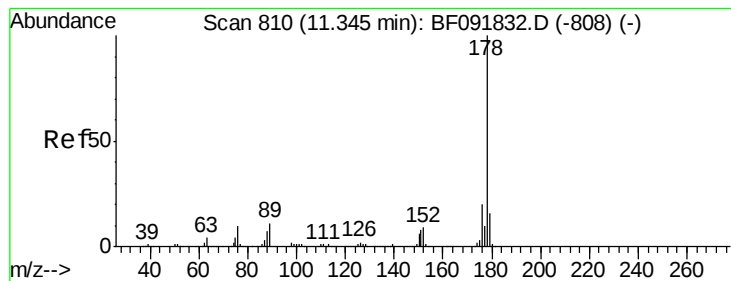
#70
 Phenanthrene
 Concen: 41.57 ng
 RT: 11.08 min Scan# 813
 Delta R.T. -0.00 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Tgt Ion:178 Resp: 1445915
 Ion Ratio Lower Upper
 178 100
 176 20.1 16.6 25.0
 179 16.3 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: 63.65 ng

RT: 11.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

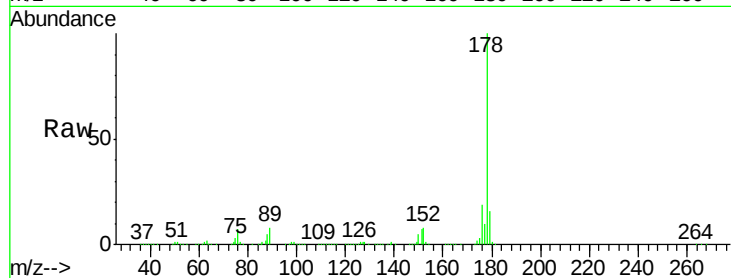
Tgt Ion:178 Resp: 1687321

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

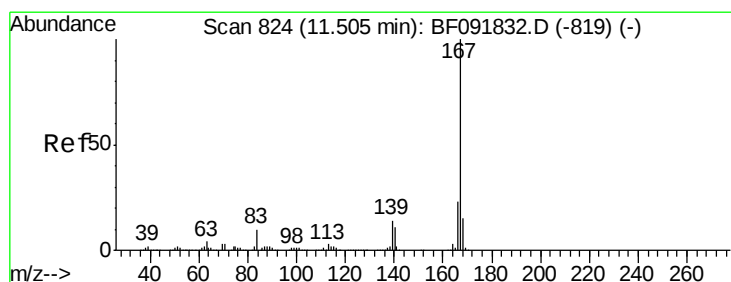
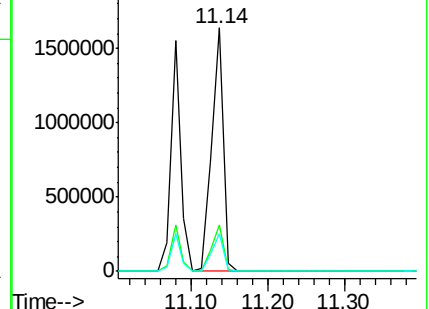
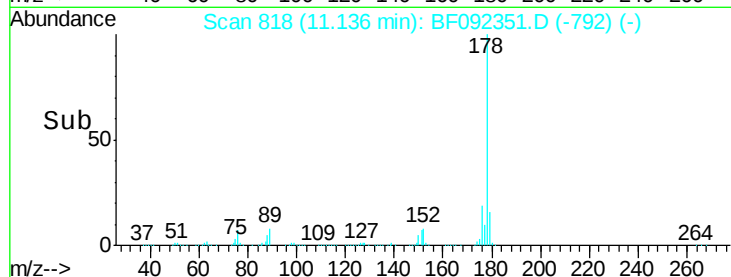
179 15.6 13.2 19.8



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: 50.72 ng

RT: 11.30 min Scan# 832

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

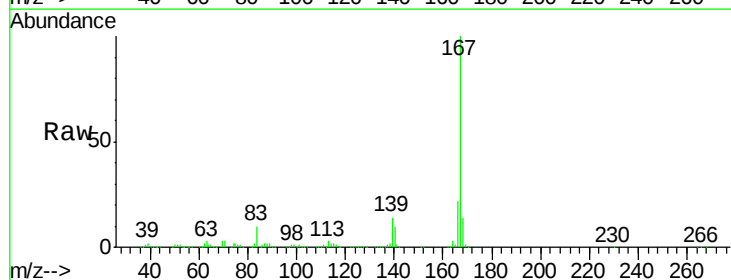
Tgt Ion:167 Resp: 1370491

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

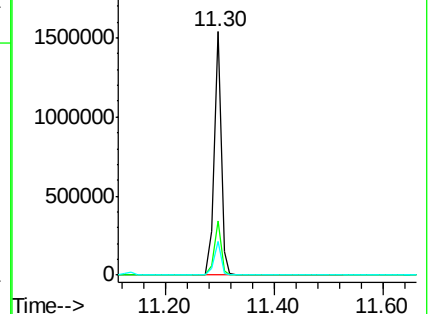
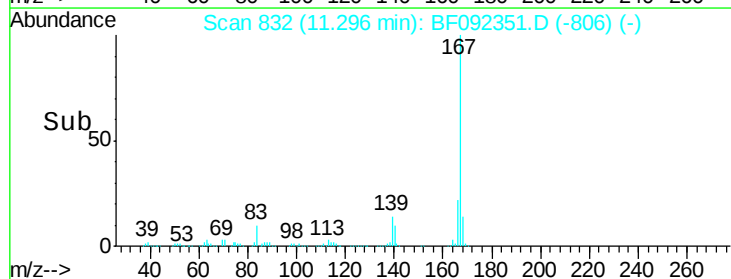
139 13.7 11.4 17.2

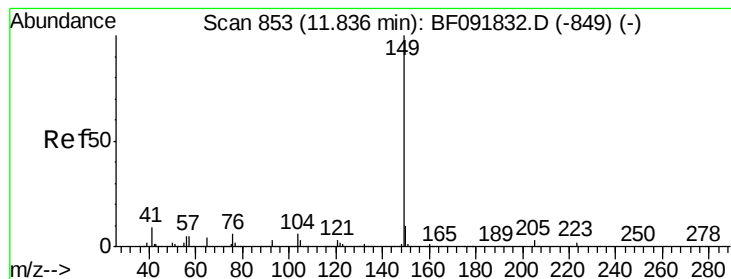


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 57.96 ng

RT: 11.64 min Scan# 862

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

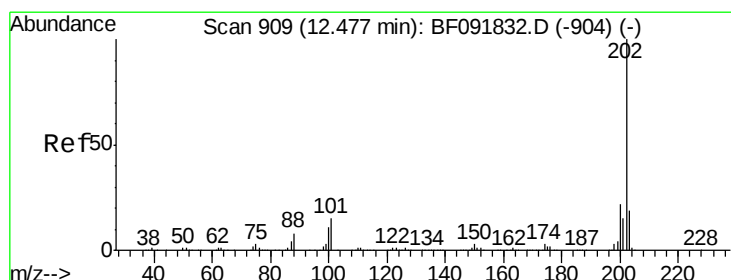
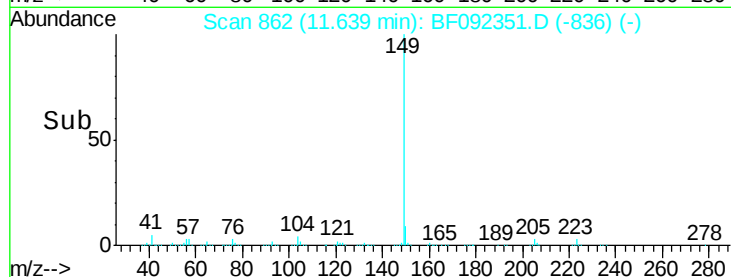
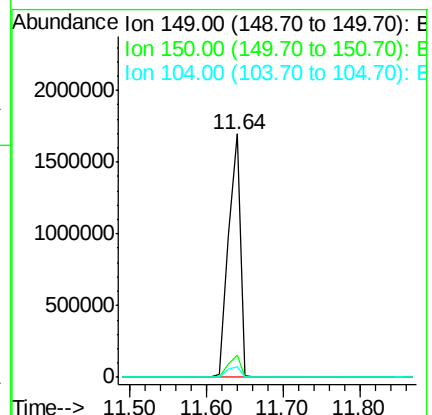
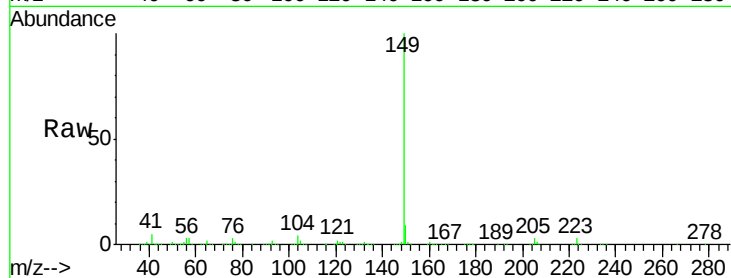
Tgt Ion:149 Resp: 1871239

Ion Ratio Lower Upper

149 100

150 9.3 8.1 12.1

104 4.1 4.6 7.0#



#74

Fluoranthene

Concen: 47.76 ng

RT: 12.26 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

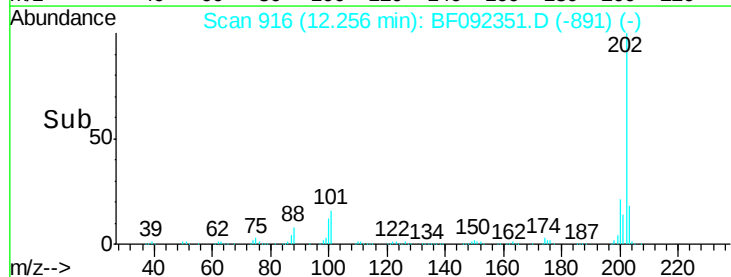
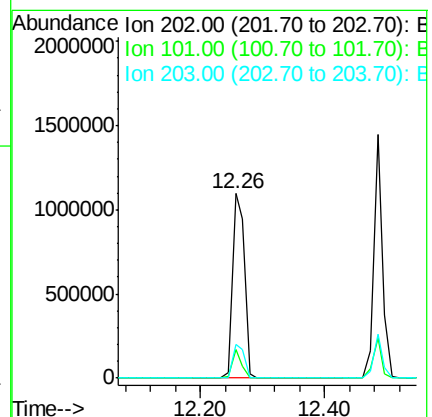
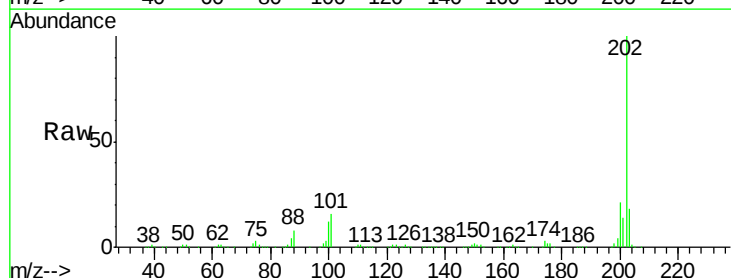
Tgt Ion:202 Resp: 1450184

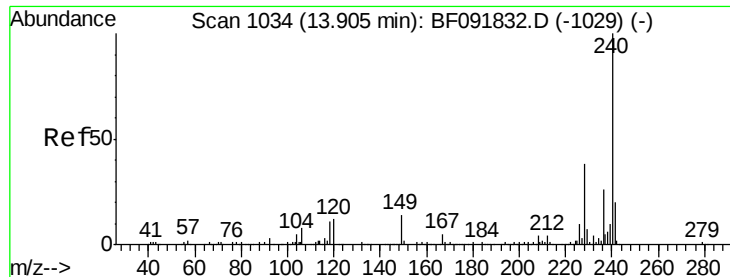
Ion Ratio Lower Upper

202 100

101 15.8 0.0 34.6

203 18.2 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

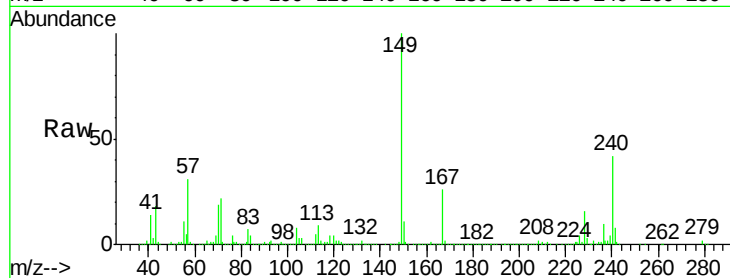
Tgt Ion:240 Resp: 350554

Ion Ratio Lower Upper

240 100

120 10.4 12.9 19.3#

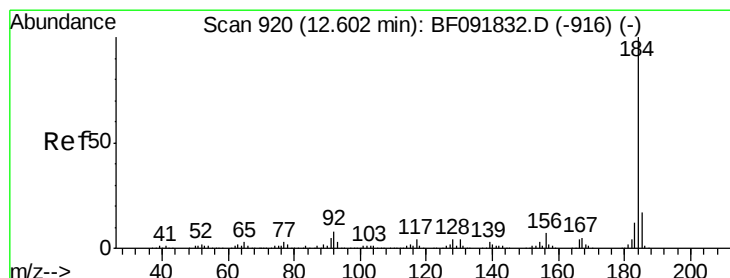
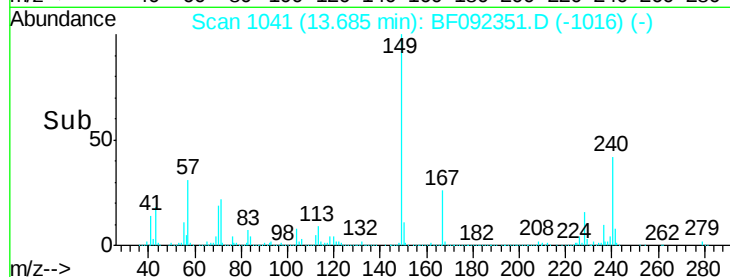
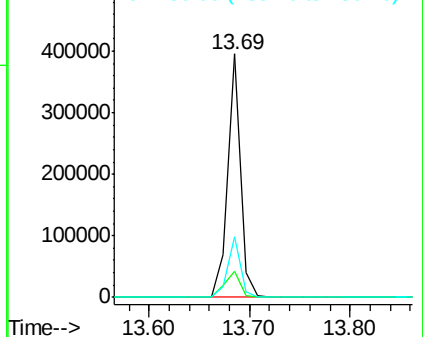
236 25.1 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 61.64 ng

RT: 12.39 min Scan# 928

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

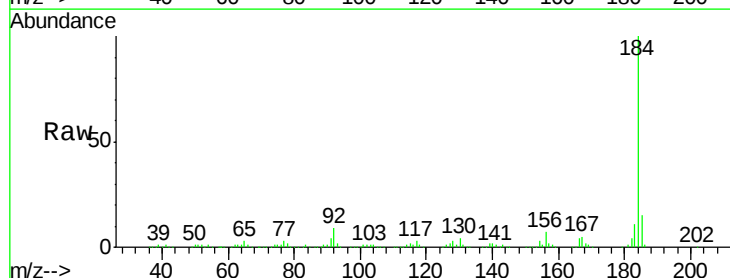
Tgt Ion:184 Resp: 506297

Ion Ratio Lower Upper

184 100

185 14.6 13.4 20.0

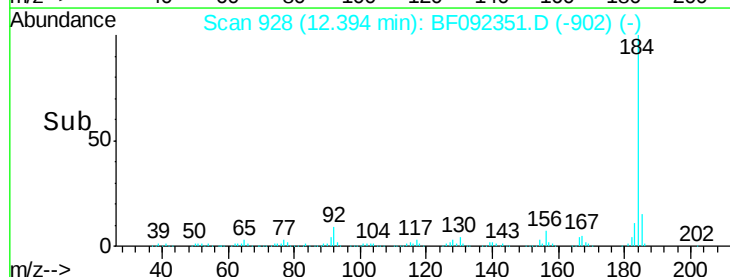
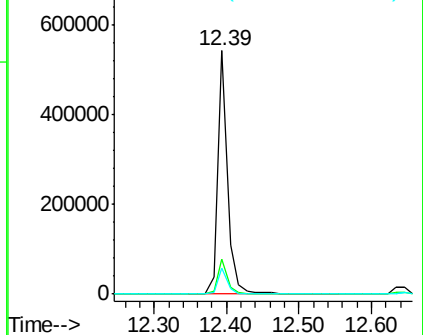
183 10.6 9.2 13.8

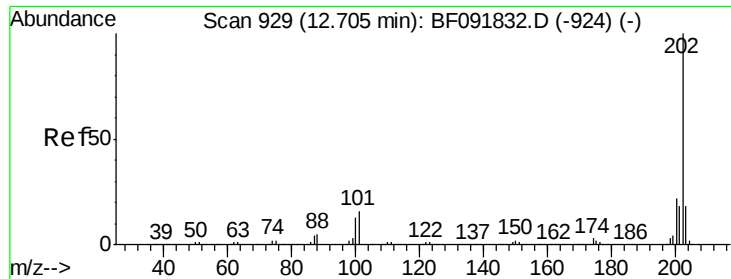


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

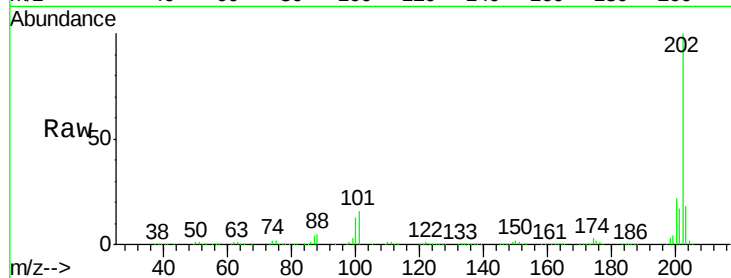




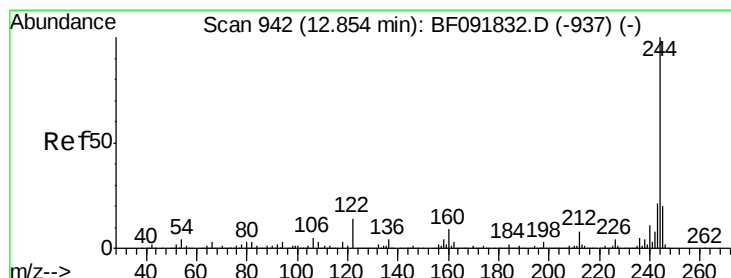
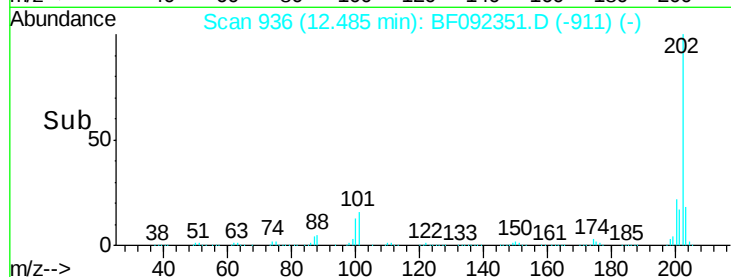
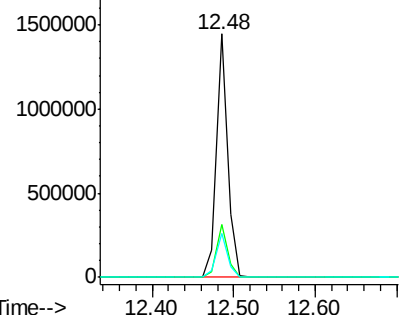
#77
 Pyrene
 Concen: 53.43 ng
 RT: 12.48 min Scan# 936
 Delta R.T. -0.01 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

Tgt Ion: 202 Resp: 1374296
 Ion Ratio Lower Upper
 202 100
 200 21.7 17.7 26.5
 203 18.3 14.7 22.1

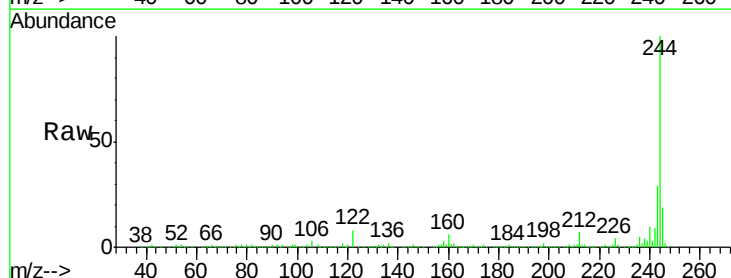


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

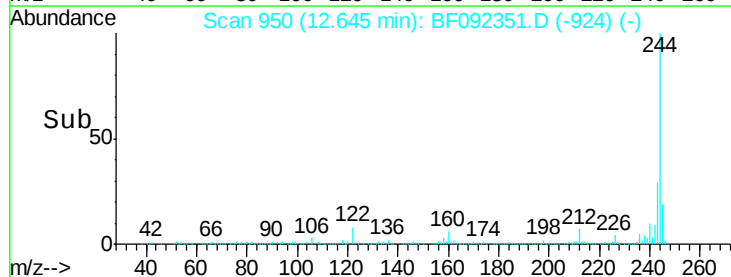
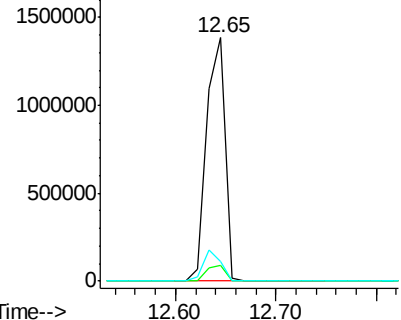


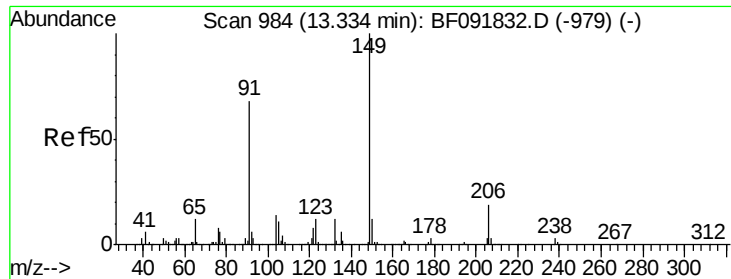
#78
 Terphenyl-d14
 Concen: 122.04 ng
 RT: 12.65 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Tgt Ion: 244 Resp: 1763954
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.2 9.2
 122 8.0 11.4 17.2#



Abundance Ion 244.00 (243.70 to 244.70): E
 1500000 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

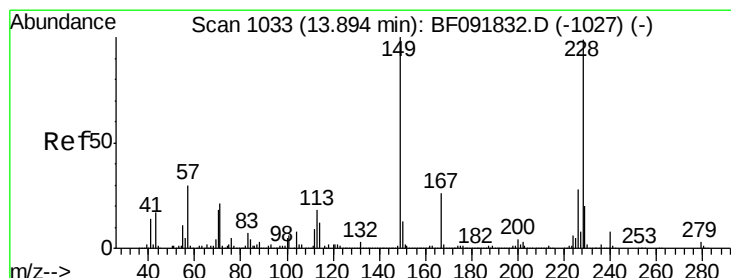
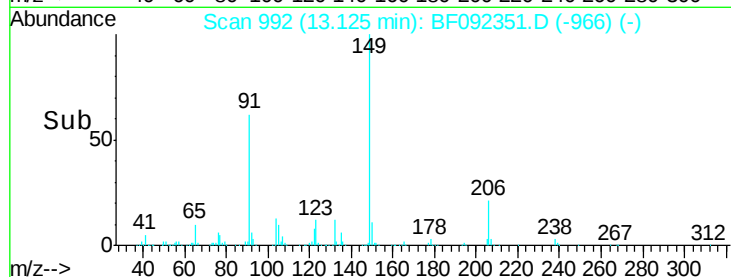
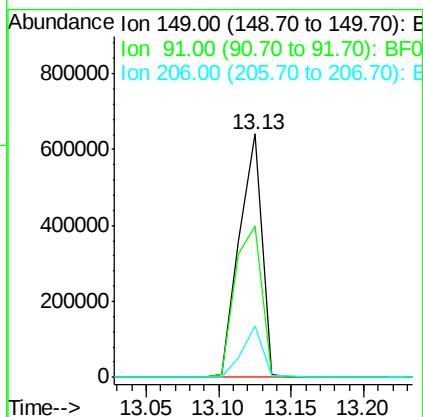
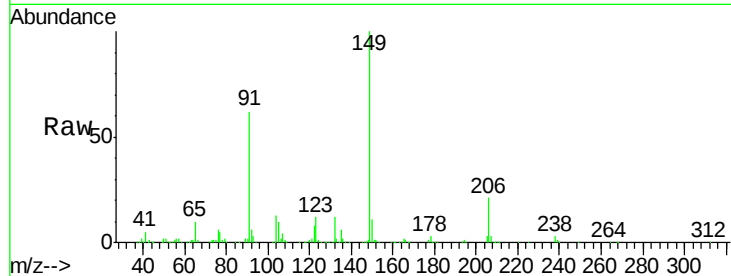




#79
Butylbenzylphthalate
Concen: 59.74 ng
RT: 13.13 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

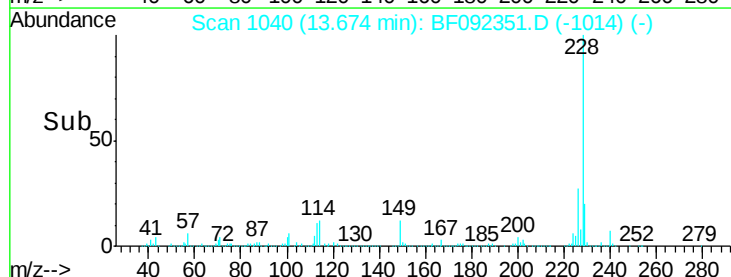
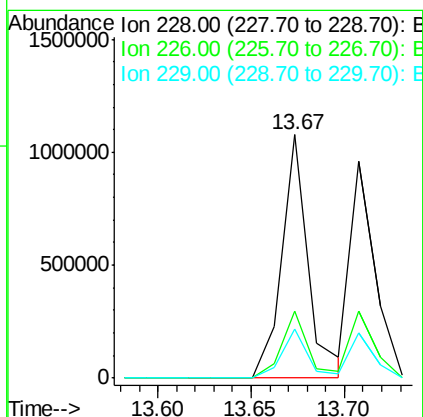
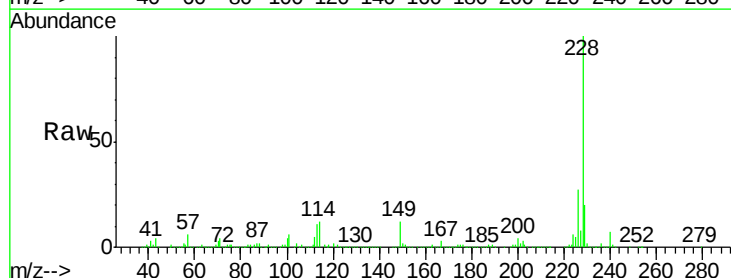
Instrument :
BNA_F
ClientSampleId :
PB96090BS

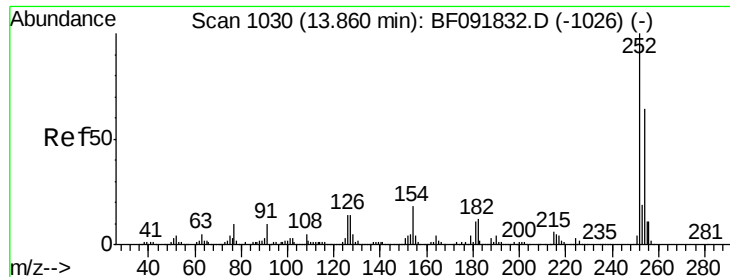
Tgt Ion:149 Resp: 698838
Ion Ratio Lower Upper
149 100
91 62.4 63.9 95.9#
206 21.3 14.6 21.8



#80
Benzo(a)anthracene
Concen: 54.00 ng
RT: 13.67 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

Tgt Ion:228 Resp: 1068590
Ion Ratio Lower Upper
228 100
226 27.5 22.4 33.6
229 20.0 16.2 24.4

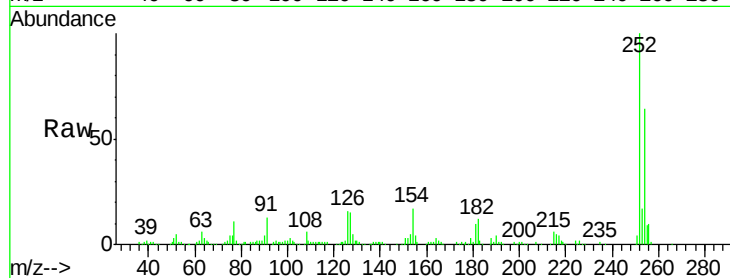




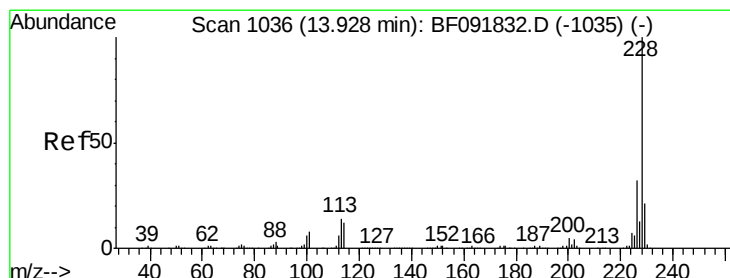
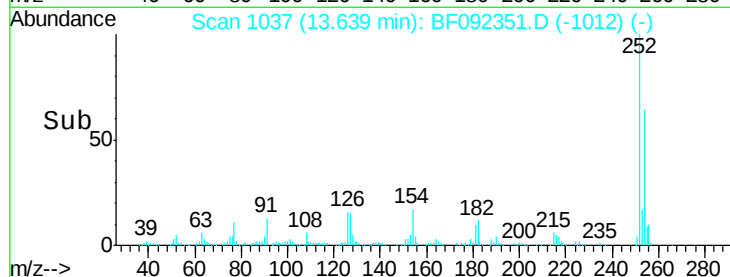
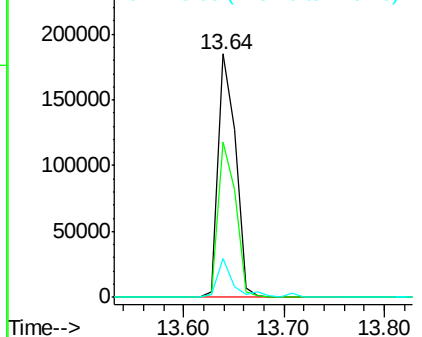
#81
 3,3'-Dichlorobenzidine
 Concen: 29.91 ng
 RT: 13.64 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	52.3	78.5
126	15.9	13.6	20.4

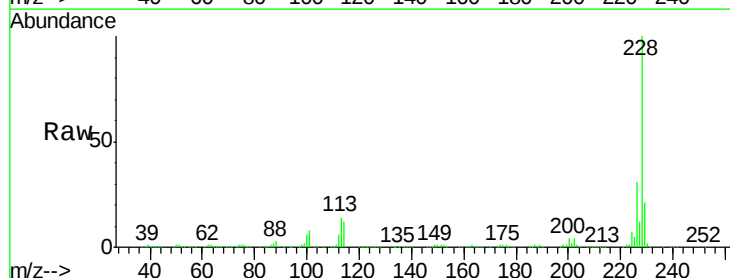


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

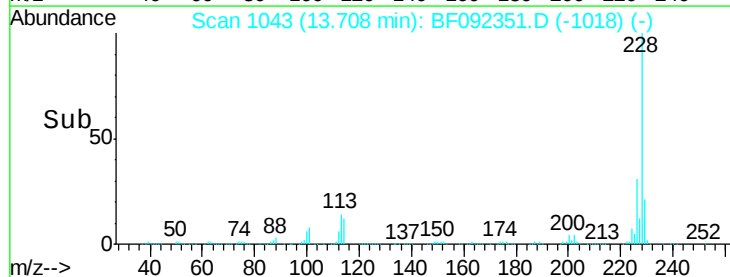
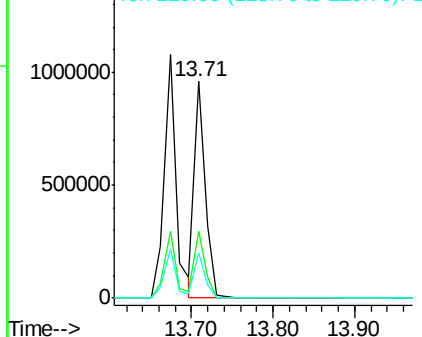


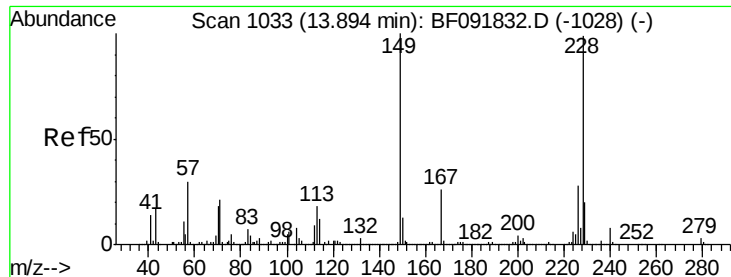
#82
 Chrysene
 Concen: 45.03 ng
 RT: 13.71 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.4	38.0
229	20.6	16.2	24.2



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 62.84 ng

RT: 13.69 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

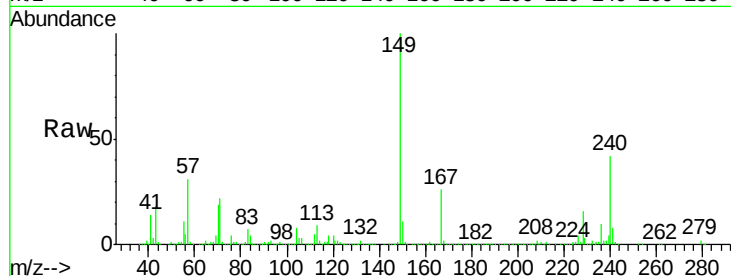
Tgt Ion:149 Resp: 865643

Ion Ratio Lower Upper

149 100

167 26.2 20.2 30.4

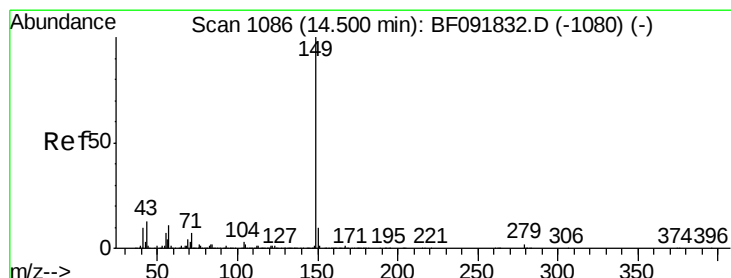
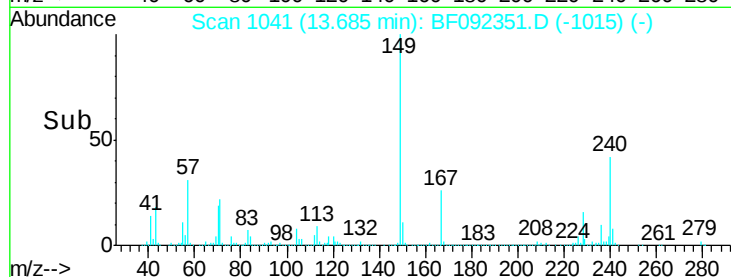
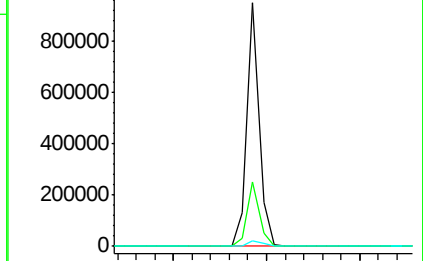
279 2.4 1.8 2.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 53.97 ng

RT: 14.29 min Scan# 1094

Delta R.T. -0.01 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

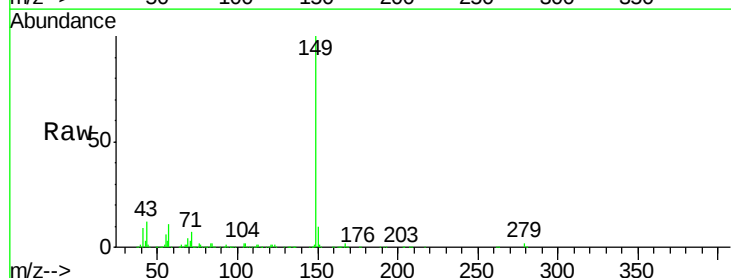
Tgt Ion:149 Resp: 1377189

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

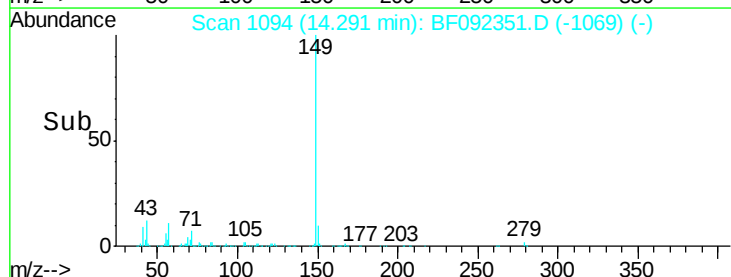
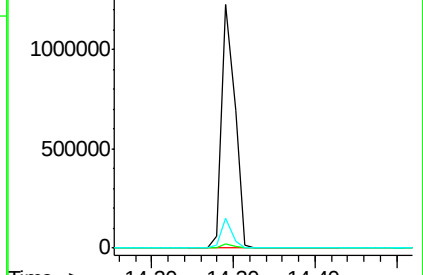
43 10.1 8.9 13.3

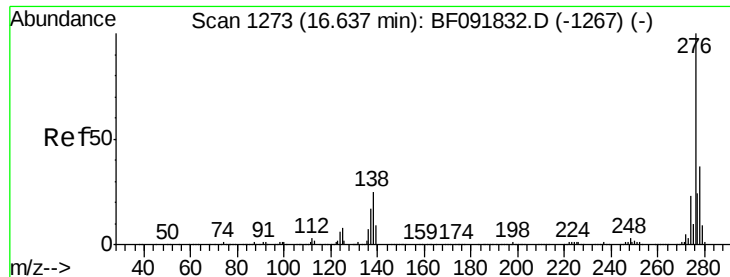


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

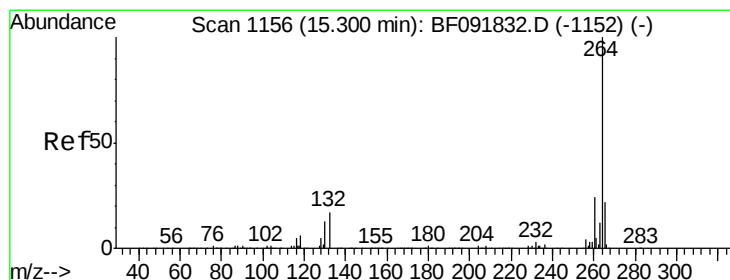
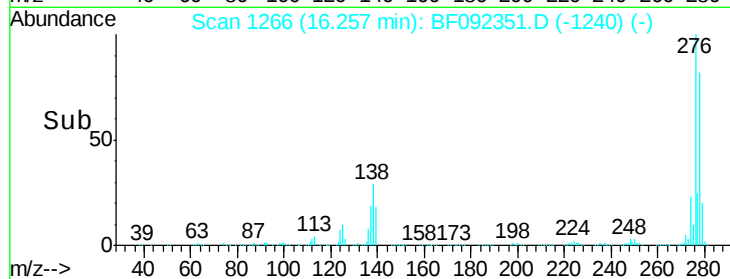
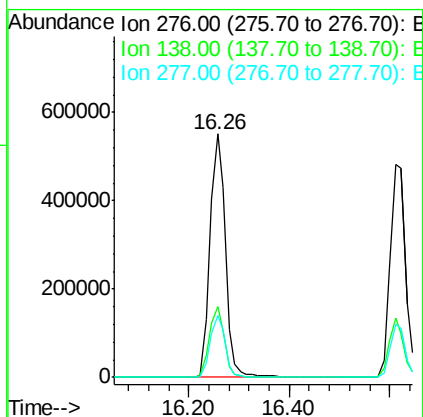
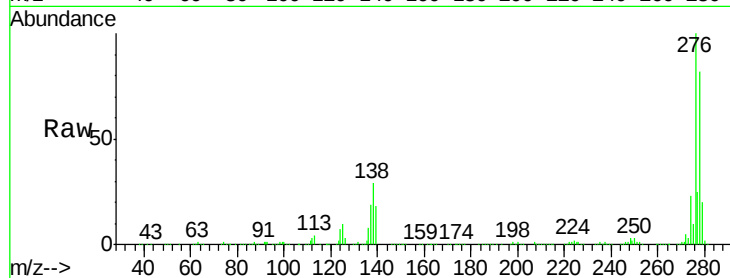




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 68.23 ng
 RT: 16.26 min Scan# 1266
 Delta R.T. -0.00 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

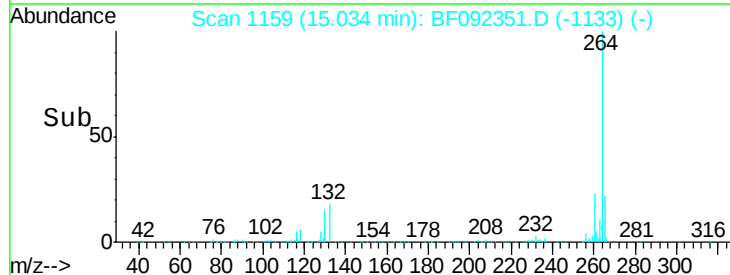
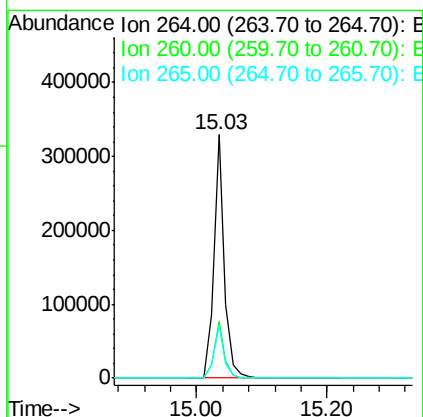
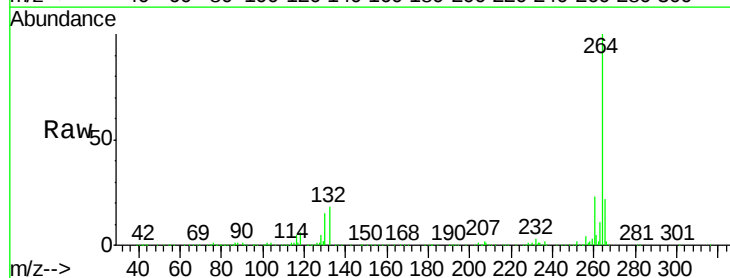
Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

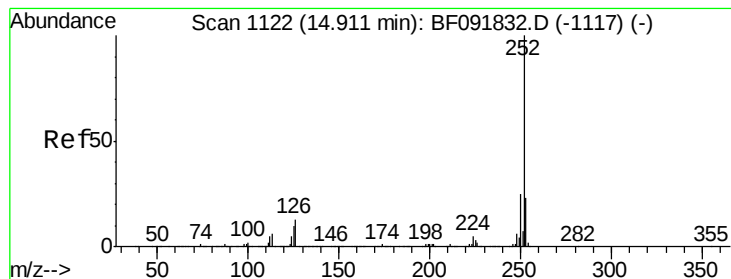
Tgt Ion:276 Resp: 1173181
 Ion Ratio Lower Upper
 276 100
 138 28.6 21.8 32.6
 277 25.1 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.03 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Tgt Ion:264 Resp: 374201
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.6 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 51.29 ng m

RT: 14.68 min Scan# 1128

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB96090BS

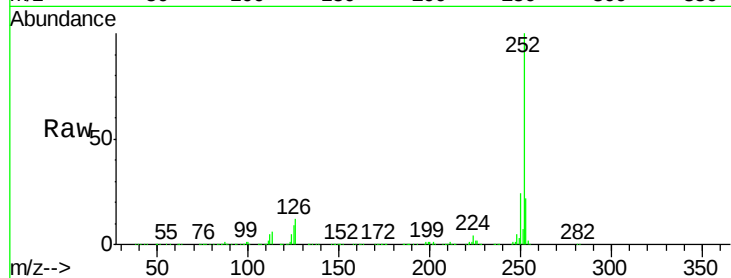
Tgt Ion:252 Resp: 1194969

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

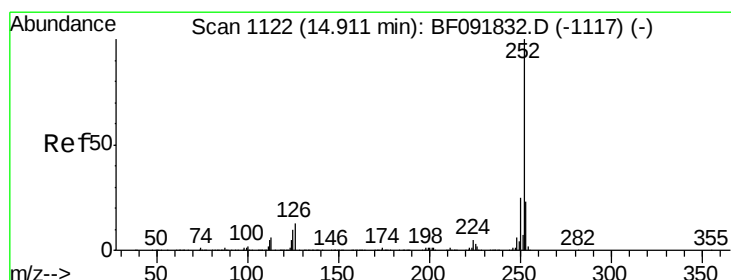
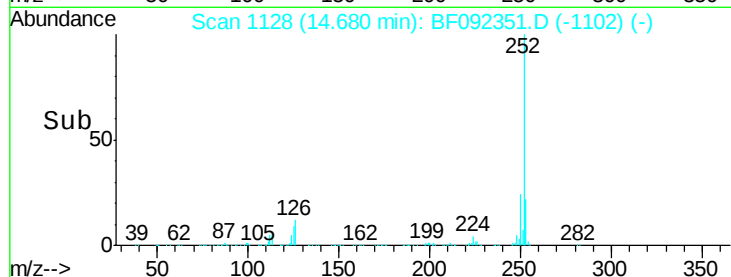
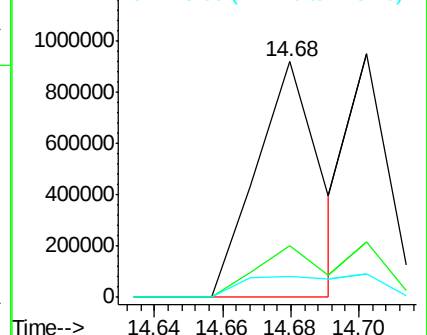
125 8.9 9.8 14.6#



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: 38.22 ng m

RT: 14.70 min Scan# 1130

Delta R.T. -0.00 min

Lab File: BF092351.D

Acq: 18 Jan 2017 15:13

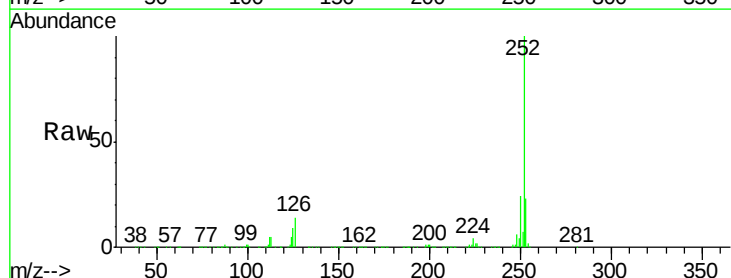
Tgt Ion:252 Resp: 759305

Ion Ratio Lower Upper

252 100

253 22.7 18.5 27.7

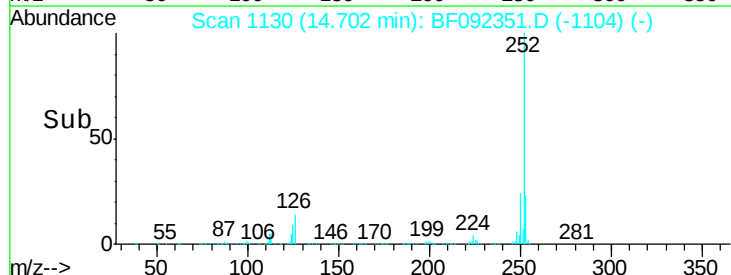
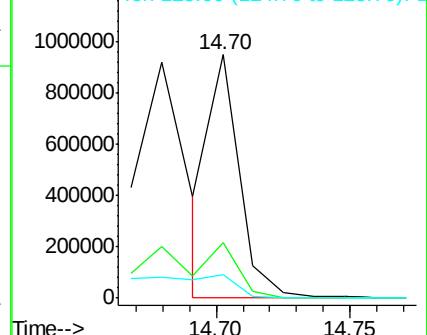
125 9.4 8.9 13.3

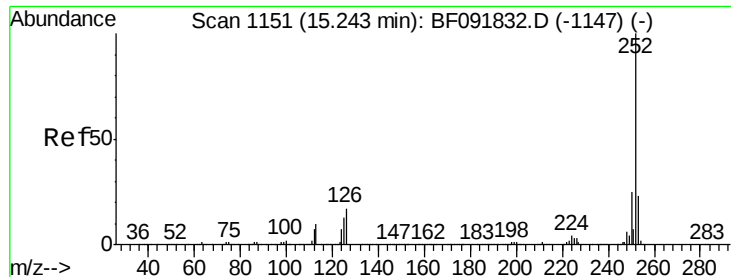


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

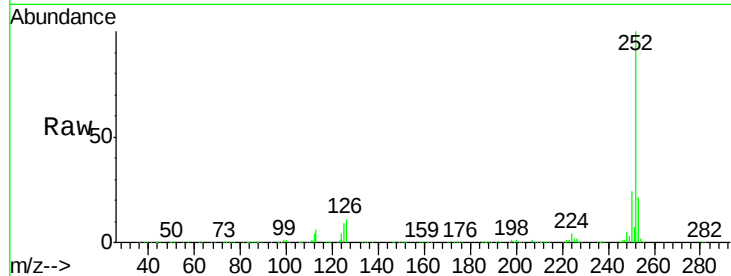




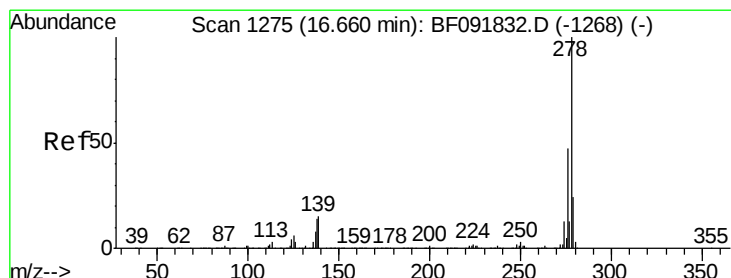
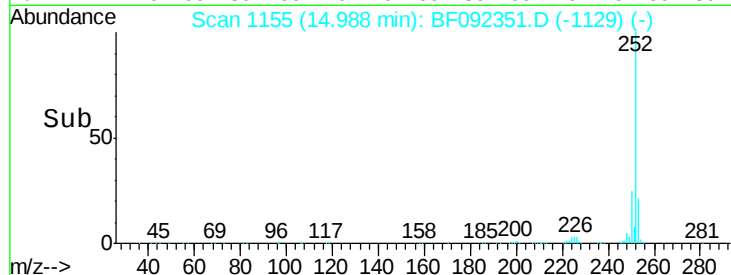
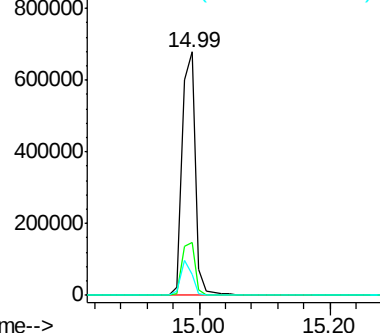
#89
Benzo(a)pyrene
Concen: 46.82 ng
RT: 14.99 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

Instrument :
BNA_F
ClientSampleId :
PB96090BS

Tgt Ion: 252 Resp: 968118
Ion Ratio Lower Upper
252 100
253 21.5 18.2 27.2
125 8.8 10.0 15.0#

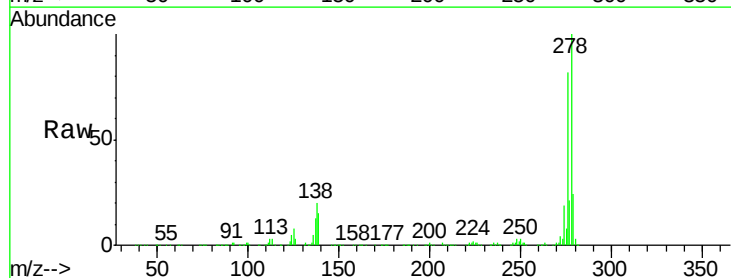


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

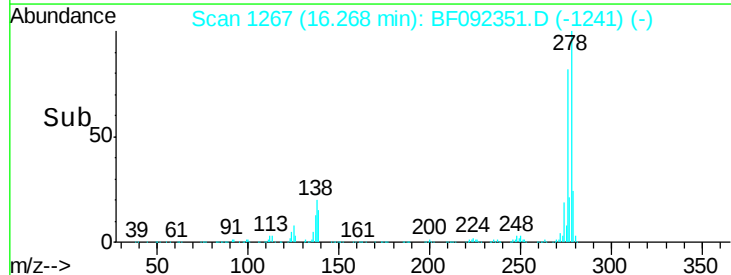
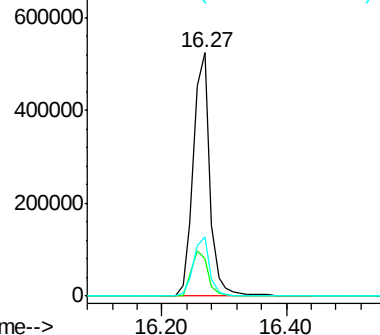


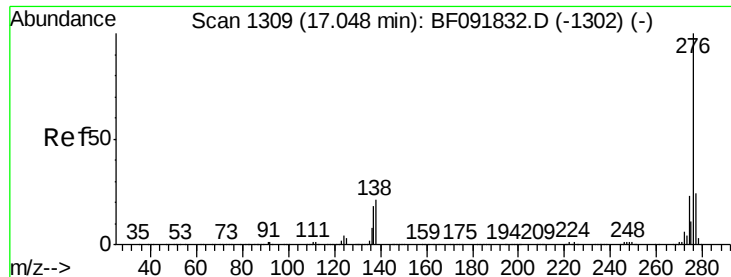
#90
Dibenzo(a,h)anthracene
Concen: 56.60 ng
RT: 16.27 min Scan# 1267
Delta R.T. -0.00 min
Lab File: BF092351.D
Acq: 18 Jan 2017 15:13

Tgt Ion: 278 Resp: 961992
Ion Ratio Lower Upper
278 100
139 15.5 14.8 22.2
279 24.2 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(g,h,i)perylene
 Concen: 59.49 ng
 RT: 16.61 min Scan# 1297
 Delta R.T. -0.01 min
 Lab File: BF092351.D
 Acq: 18 Jan 2017 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB96090BS

Tgt Ion: 276 Resp: 1051334
 Ion Ratio Lower Upper
 276 100
 277 24.5 19.2 28.8
 138 28.1 16.0 24.0#

