

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
 Data File : BF091817.D
 Acq On : 20 Dec 2016 13:54
 Operator : UM/SJ
 Sample : PB95481BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95481BS

Quant Time: Dec 20 23:39:19 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	229174	20.00	ng	-0.01
21) Naphthalene-d8	8.04	136	910097	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	492356	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	783632	20.00	ng	-0.01
75) Chrysene-d12	13.92	240	610741	20.00	ng	-0.01
86) Perylene-d12	15.31	264	515767	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.38	112	1485147	108.57	ng	0.01
7) Phenol-d6	6.42	99	1969987	118.09	ng	0.00
23) Nitrobenzene-d5	7.33	82	1381295	87.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	448824	107.50	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	2164001	88.30	ng	-0.01
78) Terphenyl-d14	12.86	244	1843985	76.23	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.40	88	235187	34.91	ng	# 95
3) Pyridine	3.08	79	816005	37.60	ng	98
4) n-Nitrosodimethylamine	3.04	42	349106	41.57	ng	98
6) Aniline	6.43	93	183526	8.55	ng	# 1
8) 2-Chlorophenol	6.56	128	617658	41.02	ng	85
9) Benzaldehyde	6.30	77	88842	6.62	ng	95
10) Phenol	6.43	94	737351	39.21	ng	80
11) bis(2-Chloroethyl)ether	6.50	93	565795	37.67	ng	97
12) 1,3-Dichlorobenzene	6.70	146	647049	39.13	ng	98
13) 1,4-Dichlorobenzene	6.77	146	628578	37.57	ng	100
14) 1,2-Dichlorobenzene	6.93	146	630265	43.00	ng	97
15) Benzyl Alcohol	6.91	79	463572	35.89	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.05	45	823196	35.87	ng	89
17) 2-Methylphenol	7.04	107	506434	40.25	ng	95
18) Hexachloroethane	7.28	117	246097	39.59	ng	94
19) n-Nitroso-di-n-propylamine	7.18	70	443394	39.96	ng	96
20) 3+4-Methylphenols	7.20	107	664423	47.34	ng	# 72
22) Acetophenone	7.17	105	858285	39.06	ng	96
24) Nitrobenzene	7.34	77	616269	36.36	ng	98
25) Isophorone	7.60	82	1253869	41.64	ng	98
26) 2-Nitrophenol	7.66	139	336935	41.21	ng	100
27) 2,4-Dimethylphenol	7.71	122	576994	43.26	ng	98
28) bis(2-Chloroethoxy)methane	7.80	93	732975	41.60	ng	99
29) 2,4-Dichlorophenol	7.92	162	535381	43.53	ng	95
30) 1,2,4-Trichlorobenzene	7.98	180	535638	40.18	ng	# 95
31) Naphthalene	8.06	128	1644638	37.83	ng	100
32) Benzoic acid	7.86	122	377592	39.73	ng	96
33) 4-Chloroaniline	8.12	127	100829	5.51	ng	95
34) Hexachlorobutadiene	8.19	225	298951	39.89	ng	99
35) Caprolactam	8.50	113	114910	29.03	ng	# 66
36) 4-Chloro-3-methylphenol	8.62	107	560096	41.28	ng	98
37) 2-Methylnaphthalene	8.76	142	1158151	42.25	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	493915	40.25	ng	98
40) Hexachlorocyclopentadiene	8.91	237	433284	83.30	ng	96

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
 Data File : BF091817.D
 Acq On : 20 Dec 2016 13:54
 Operator : UM/SJ
 Sample : PB95481BS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB95481BS

Quant Time: Dec 20 23:39:19 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 17 22:53:54 2016
 Response via : Initial Calibration

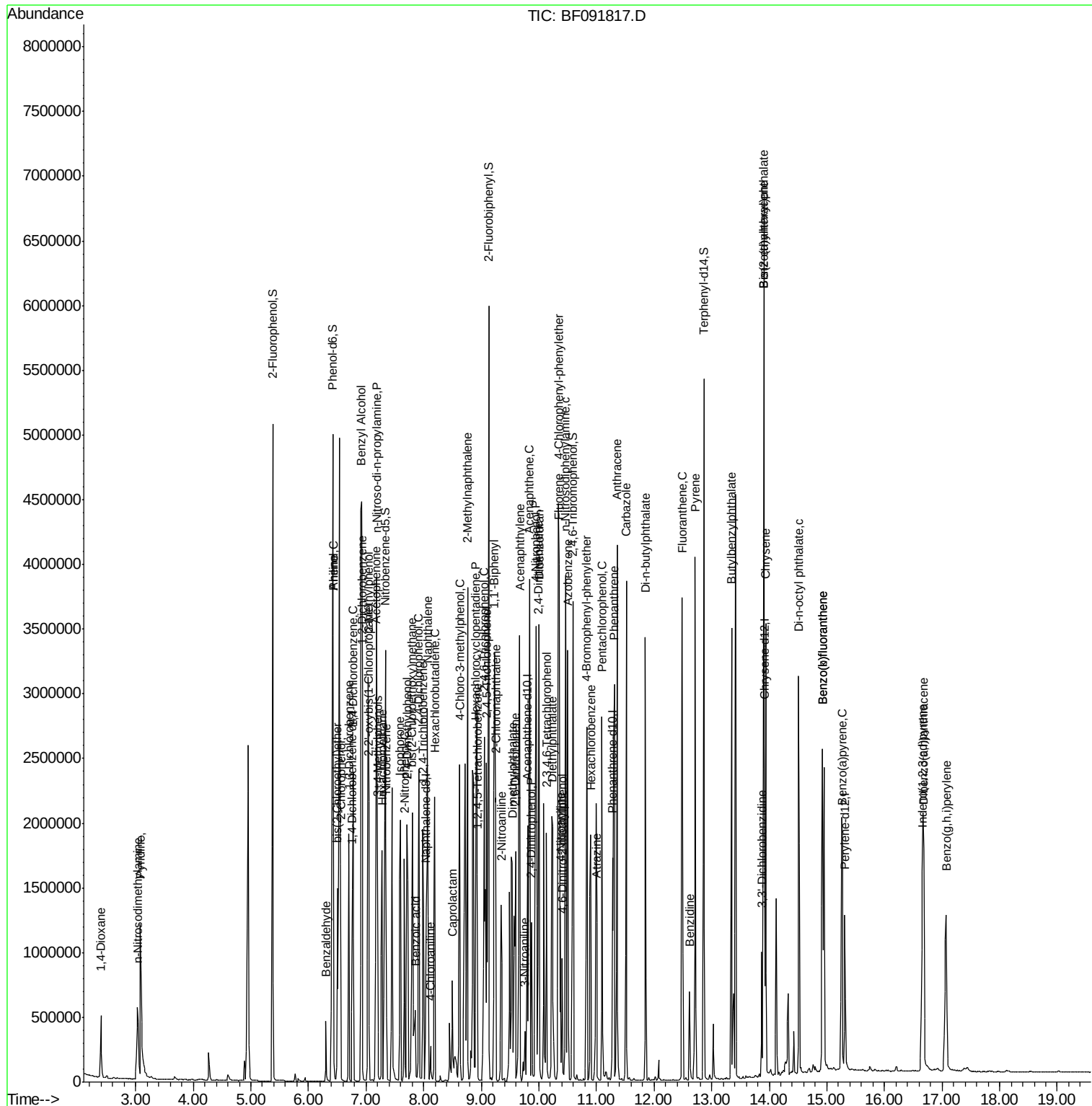
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	355373	40.53	ng	97
43) 2,4,5-Trichlorophenol	9.09	196	341300	39.62	ng	95
45) 1,1'-Biphenyl	9.23	154	1423234	40.33	ng	98
46) 2-Chloronaphthalene	9.25	162	1077227	40.85	ng	97
47) 2-Nitroaniline	9.34	65	328050	36.43	ng	96
48) Acenaphthylene	9.66	152	1686677	41.28	ng	99
49) Dimethylphthalate	9.54	163	1274693	39.63	ng	100
50) 2,6-Dinitrotoluene	9.60	165	301317	42.73	ng	98
51) Acenaphthene	9.84	154	1065920	38.01	ng	99
52) 3-Nitroaniline	9.76	138	63675	7.25	ng	95
53) 2,4-Dinitrophenol	9.87	184	180649	47.42	ng	# 78
54) Dibenzofuran	10.01	168	1497667	44.91	ng	98
55) 4-Nitrophenol	9.95	139	438367	71.90	ng	# 78
56) 2,4-Dinitrotoluene	10.00	165	359874	40.86	ng	92
57) Fluorene	10.35	166	1151008	44.44	ng	99
58) 2,3,4,6-Tetrachlorophenol	10.13	232	295744	41.52	ng	96
59) Diethylphthalate	10.24	149	1222249	38.66	ng	94
60) 4-Chlorophenyl-phenylether	10.34	204	467456	39.62	ng	100
61) 4-Nitroaniline	10.37	138	250635	30.13	ng	99
62) Azobenzene	10.50	77	1378630	40.98	ng	99
64) 4,6-Dinitro-2-methylphenol	10.41	198	160769	31.11	ng	92
65) n-Nitrosodiphenylamine	10.46	169	1039487	42.72	ng	99
66) 4-Bromophenyl-phenylether	10.83	248	336627	40.97	ng	95
67) Hexachlorobenzene	10.90	284	354181	41.13	ng	94
68) Atrazine	11.00	200	336921	45.82	ng	92
69) Pentachlorophenol	11.09	266	304029	65.43	ng	99
70) Phenanthrene	11.31	178	1751375	44.73	ng	98
71) Anthracene	11.36	178	1597012	38.51	ng	99
72) Carbazole	11.52	167	1505701	41.52	ng	100
73) Di-n-butylphthalate	11.85	149	1763587	37.93	ng	100
74) Fluoranthene	12.49	202	1607648	39.31	ng	99
76) Benzidine	12.61	184	273674	15.57	ng	97
77) Pyrene	12.72	202	1640544	37.20	ng	100
79) Butylbenzylphthalate	13.35	149	838890	40.64	ng	93
80) Benzo(a)anthracene	13.91	228	1407203	40.28	ng	99
81) 3,3'-Dichlorobenzidine	13.87	252	209589	14.99	ng	# 95
82) Chrysene	13.94	228	1140528	31.50	ng	99
83) Bis(2-ethylhexyl)phthalate	13.91	149	978234	37.36	ng	99
84) Di-n-octyl phthalate	14.51	149	1797335	37.25	ng	99
85) Indeno(1,2,3-cd)pyrene	16.66	276	1230847	34.57	ng	99
87) Benzo(b)fluoranthene	14.92	252	1299083	39.72	ng	98
88) Benzo(k)fluoranthene	14.92	252	1299083	56.61	ng	99
89) Benzo(a)pyrene	15.27	252	1203580	42.88	ng	# 94
90) Dibenzo(a,h)anthracene	16.68	278	1009669	41.27	ng	# 95
91) Benzo(g,h,i)perylene	17.07	276	1043774	41.97	ng	98

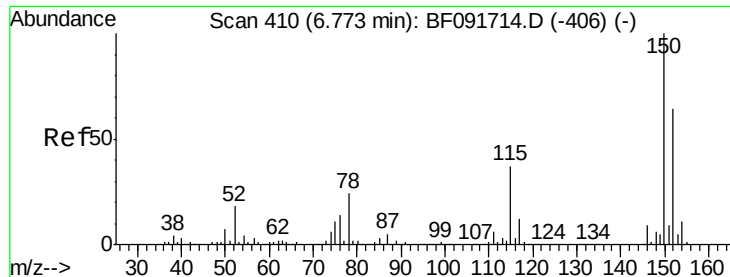
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122016\
Data File : BF091817.D
Acq On : 20 Dec 2016 13:54
Operator : UM/SJ
Sample : PB95481BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB95481BS

Quant Time: Dec 20 23:39:19 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration



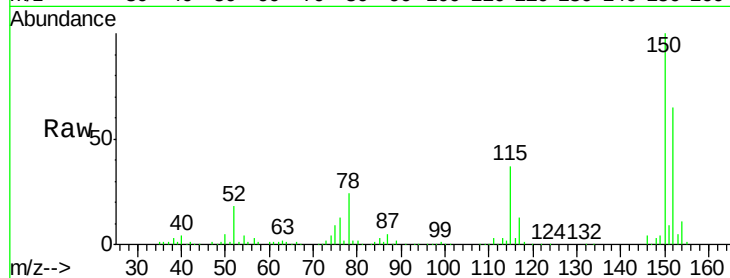


#1

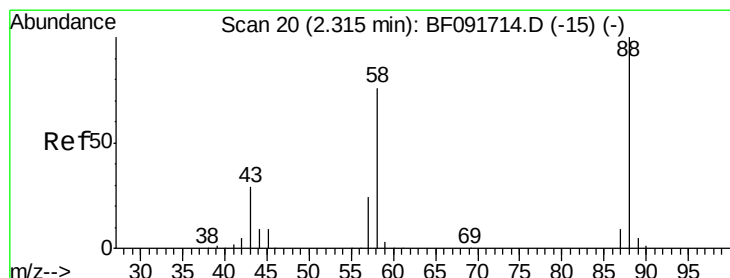
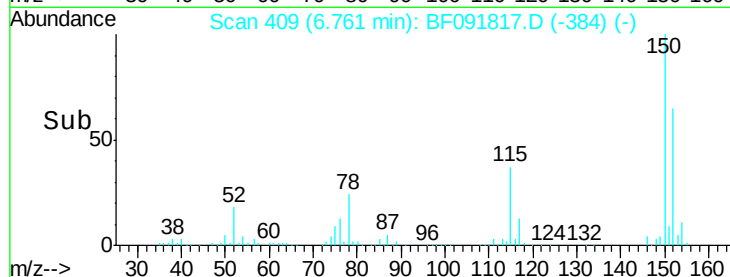
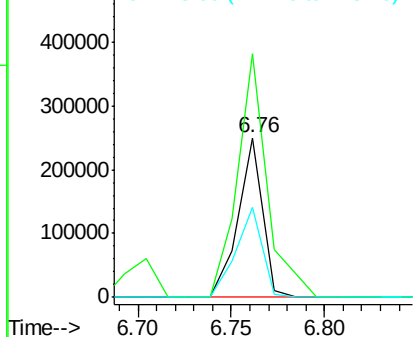
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 409
Delta R.T. -0.01 min
Lab File: BF091817.D
Acq: 20 Dec 2016 13:54

Instrument :
BNA_F
ClientSampleId :
PB95481BS

Tgt Ion: 152 Resp: 229174
Ion Ratio Lower Upper
152 100
150 152.9 124.9 187.3
115 56.9 46.0 69.0



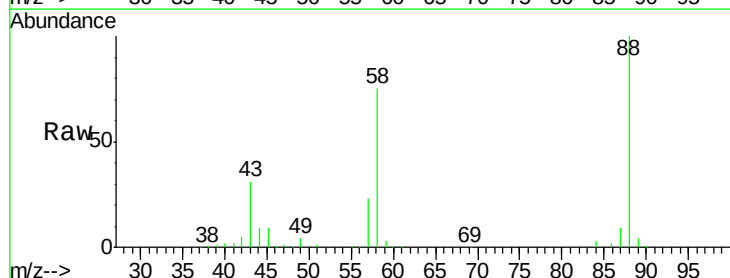
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



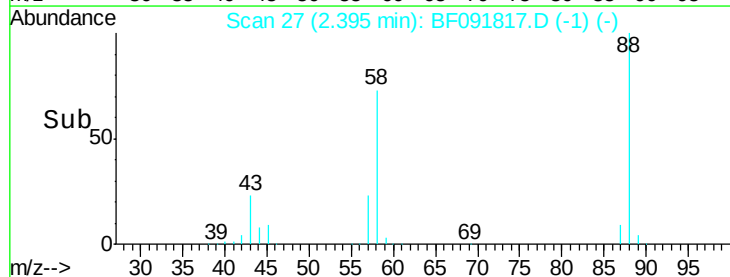
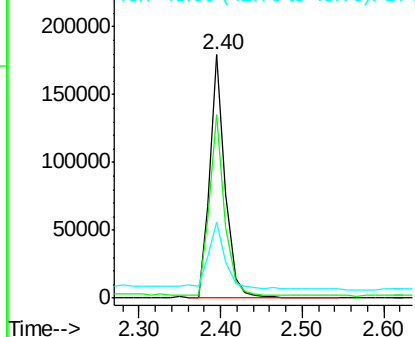
#2

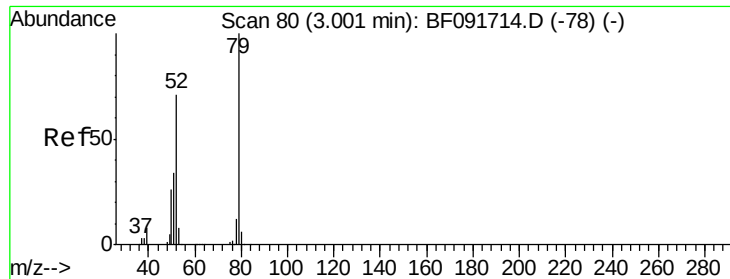
1,4-Dioxane
Concen: 34.91 ng
RT: 2.40 min Scan# 27
Delta R.T. 0.08 min
Lab File: BF091817.D
Acq: 20 Dec 2016 13:54

Tgt Ion: 88 Resp: 235187
Ion Ratio Lower Upper
88 100
58 73.9 57.8 86.8
43 34.4 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: 37.60 ng

RT: 3.08 min Scan# 87

Delta R.T. 0.08 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

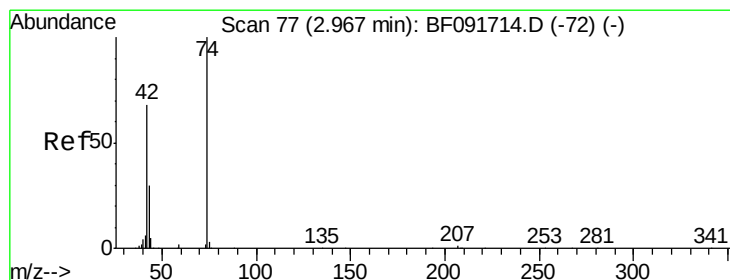
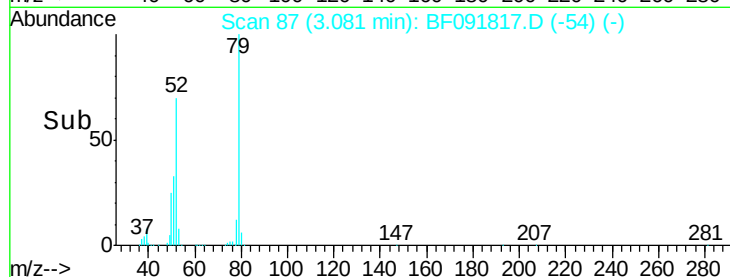
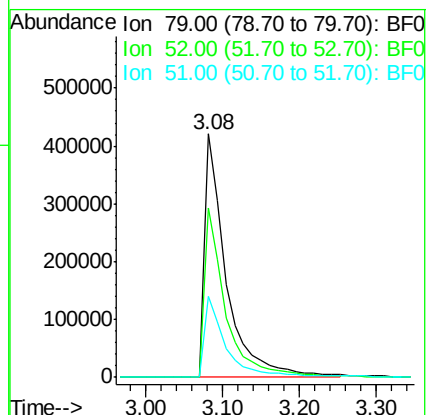
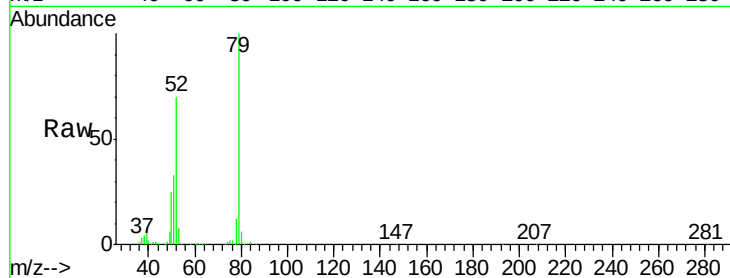
Tgt Ion: 79 Resp: 816005

Ion Ratio Lower Upper

79 100

52 69.5 57.1 85.7

51 33.4 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 41.57 ng

RT: 3.04 min Scan# 83

Delta R.T. 0.07 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

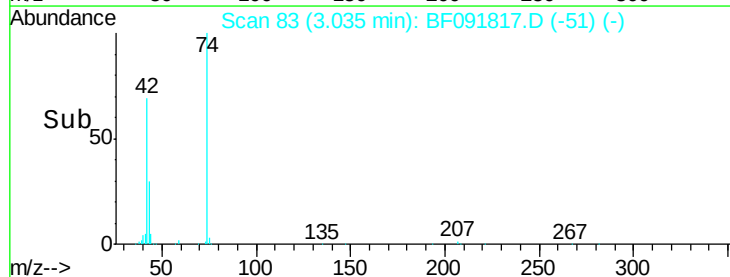
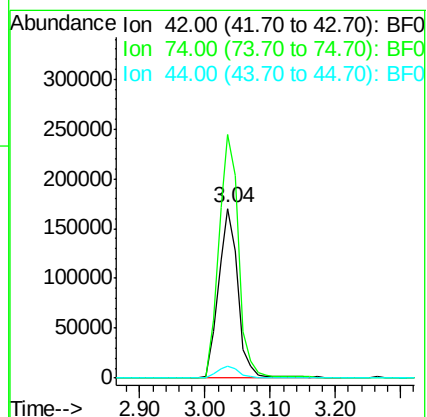
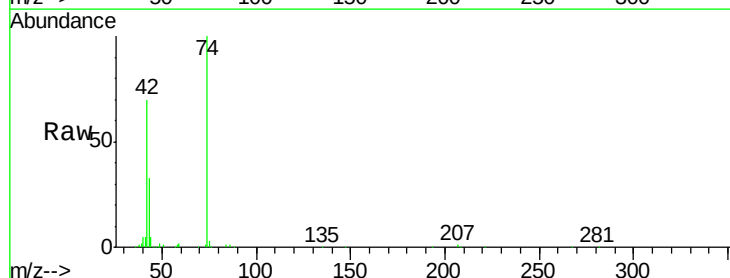
Tgt Ion: 42 Resp: 349106

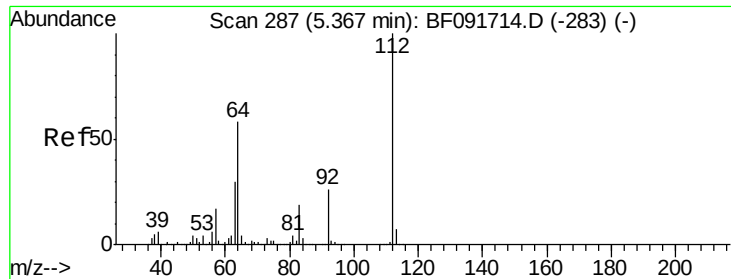
Ion Ratio Lower Upper

42 100

74 143.8 117.0 175.4

44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 108.57 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

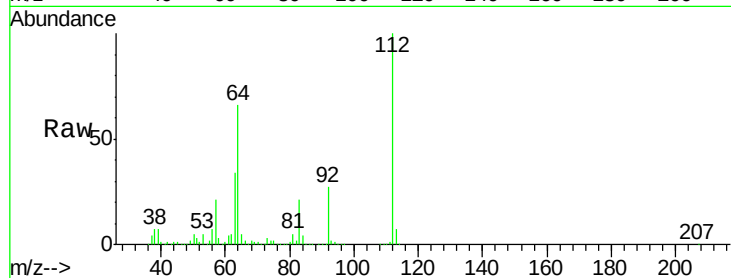
Tgt Ion:112 Resp: 1485147

Ion Ratio Lower Upper

112 100

64 66.0 46.1 69.1

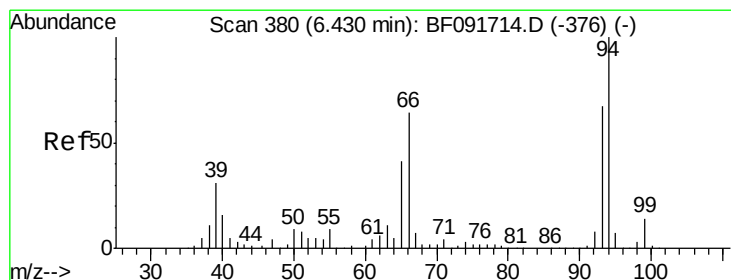
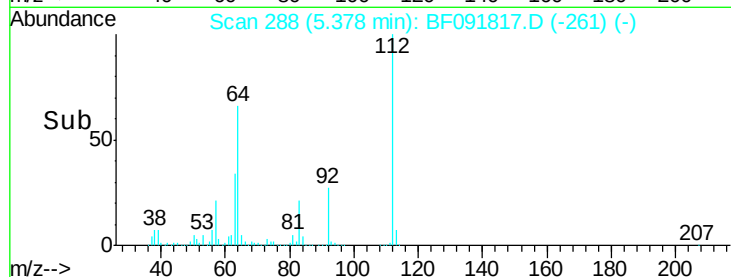
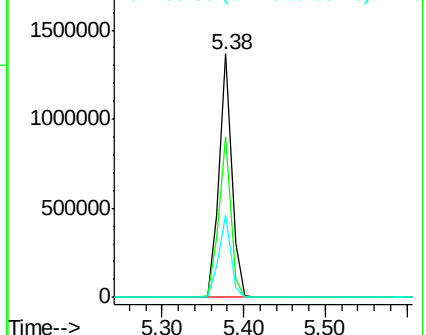
63 33.8 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 8.55 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

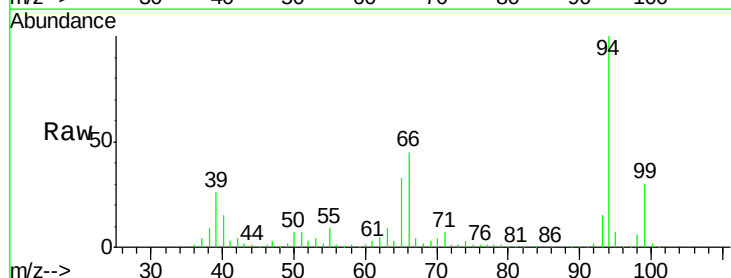
Tgt Ion: 93 Resp: 183526

Ion Ratio Lower Upper

93 100

66 300.3 76.2 114.2#

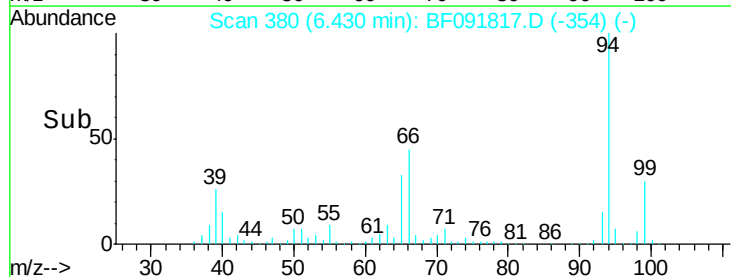
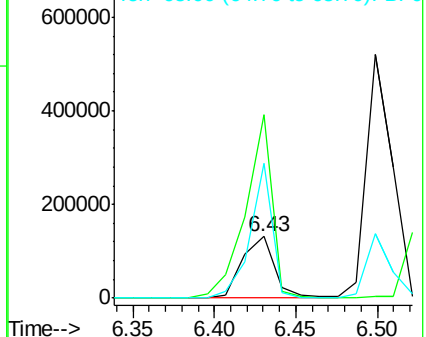
65 219.2 49.3 73.9#

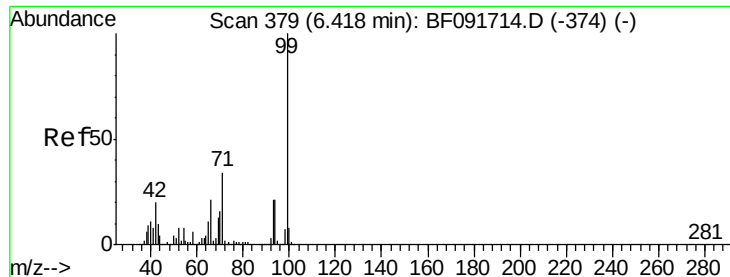


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 118.09 ng

RT: 6.42 min Scan# 379

Delta R.T. 0.00 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

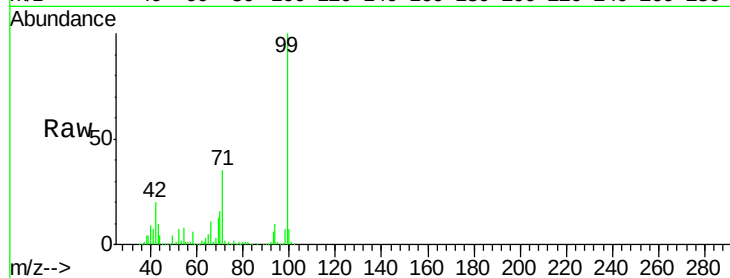
Tgt Ion: 99 Resp: 1969987

Ion Ratio Lower Upper

99 100

42 19.6 15.6 23.4

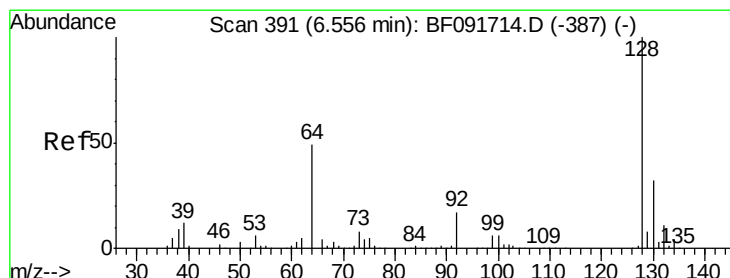
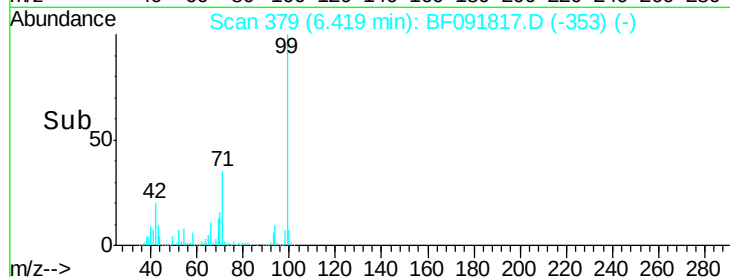
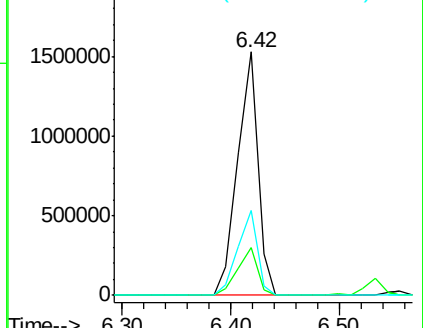
71 34.9 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.02 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.00 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

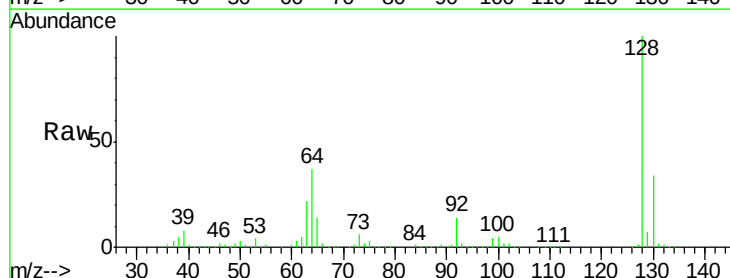
Tgt Ion: 128 Resp: 617658

Ion Ratio Lower Upper

128 100

130 34.3 12.3 52.3

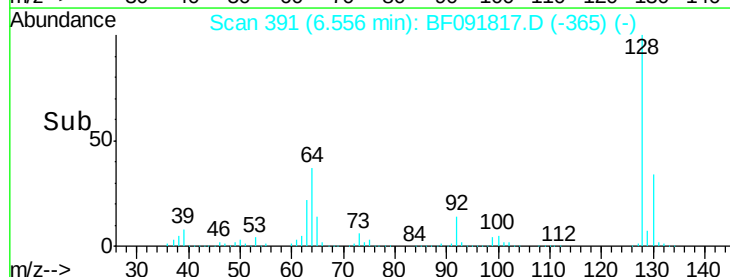
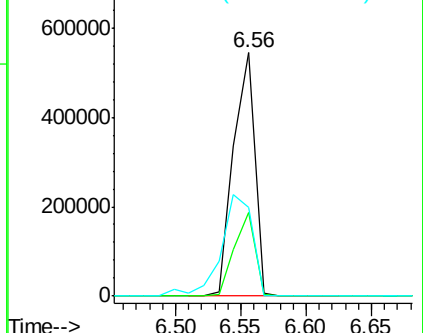
64 36.6 32.2 72.2

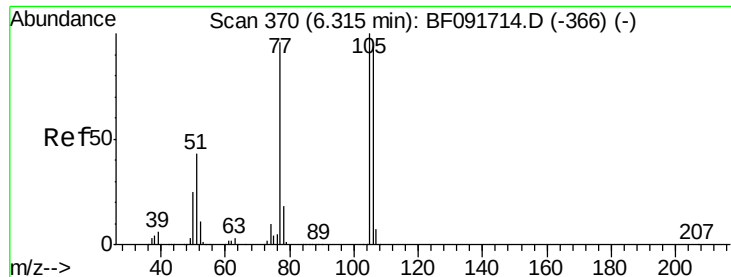


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 6.62 ng

RT: 6.30 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampled :

PB95481BS

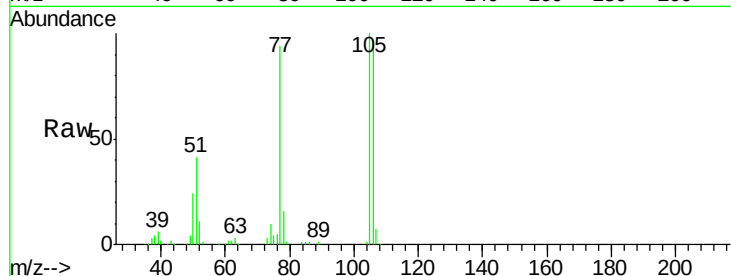
Tgt Ion: 77 Resp: 88842

Ion Ratio Lower Upper

77 100

105 106.8 83.9 123.9

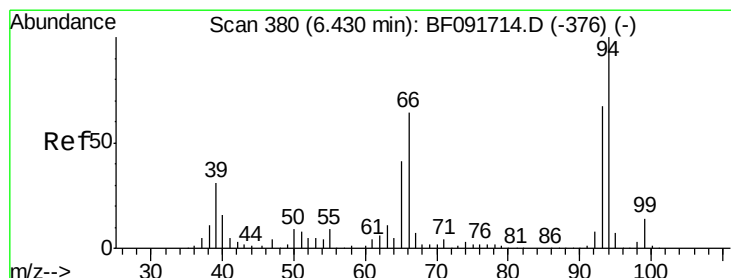
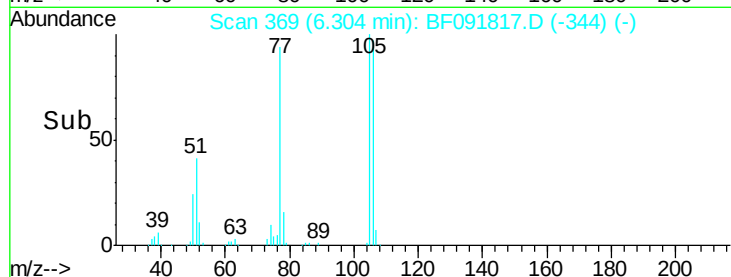
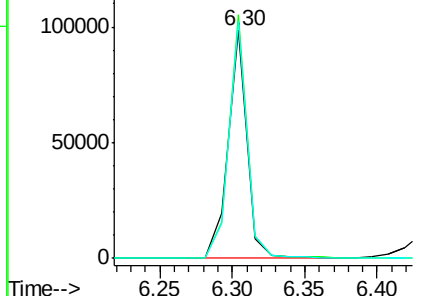
106 104.1 77.6 117.6



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 39.21 ng

RT: 6.43 min Scan# 380

Delta R.T. 0.00 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

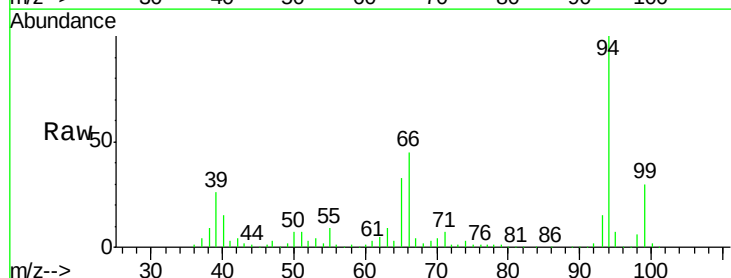
Tgt Ion: 94 Resp: 737351

Ion Ratio Lower Upper

94 100

65 33.2 21.4 61.4

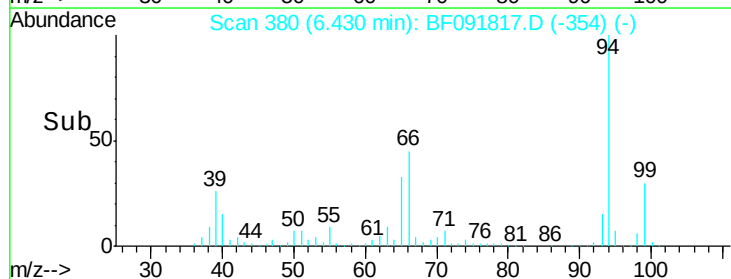
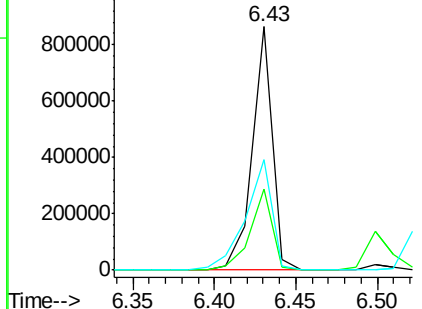
66 45.4 44.0 84.0

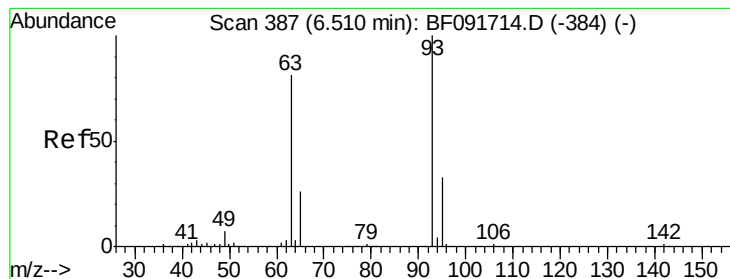


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 37.67 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

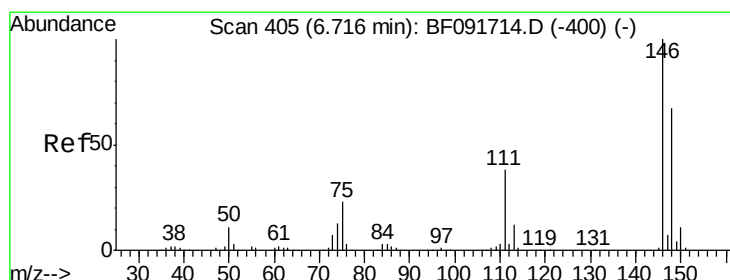
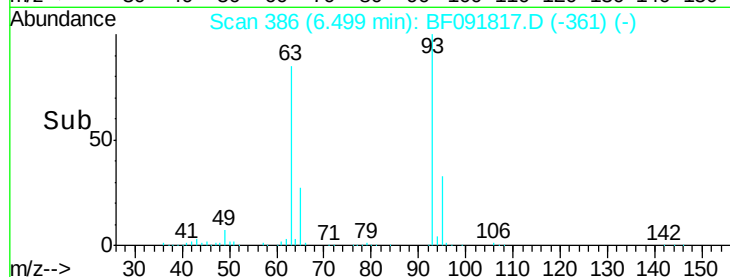
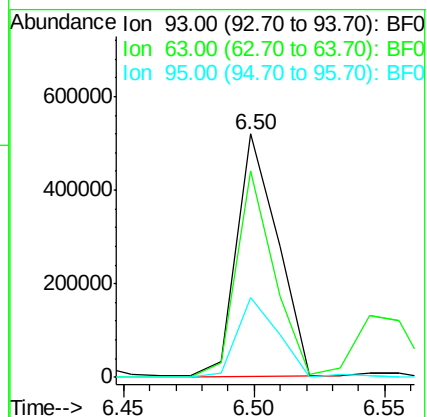
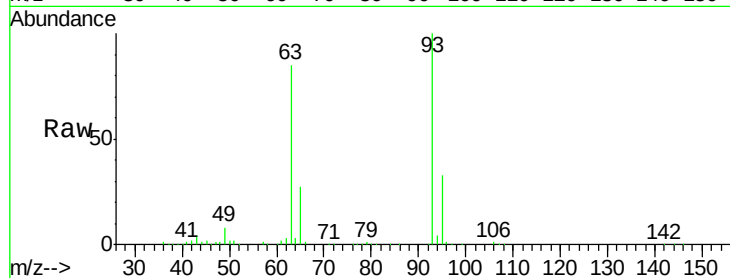
Tgt Ion: 93 Resp: 565795

Ion Ratio Lower Upper

93 100

63 84.6 60.4 100.4

95 32.6 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 39.13 ng

RT: 6.70 min Scan# 404

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

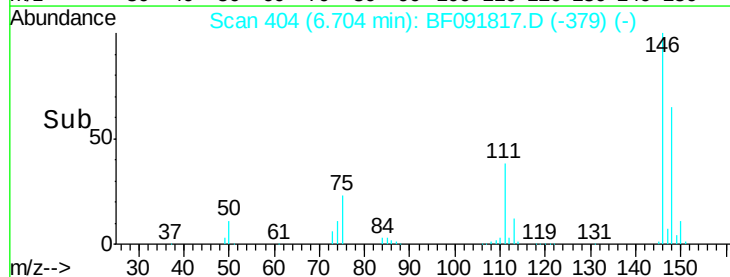
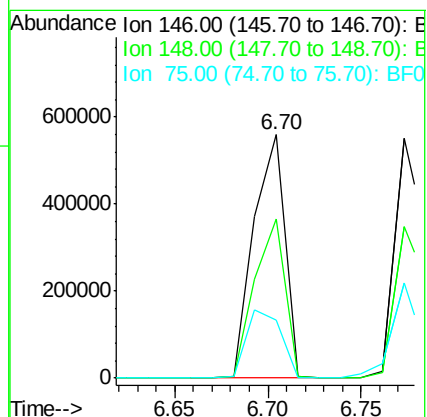
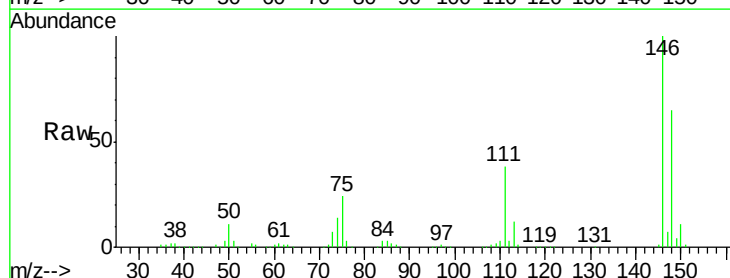
Tgt Ion: 146 Resp: 647049

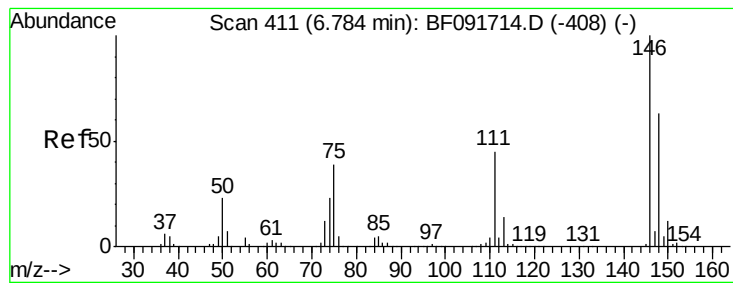
Ion Ratio Lower Upper

146 100

148 65.3 53.4 80.0

75 23.8 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 37.57 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

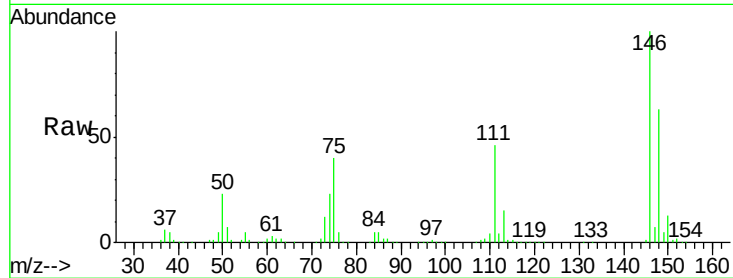
Tgt Ion:146 Resp: 628578

Ion Ratio Lower Upper

146 100

148 63.1 50.6 76.0

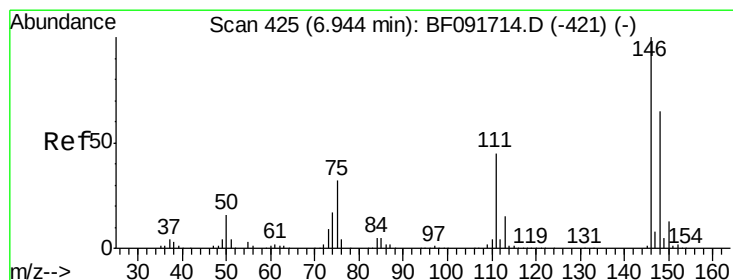
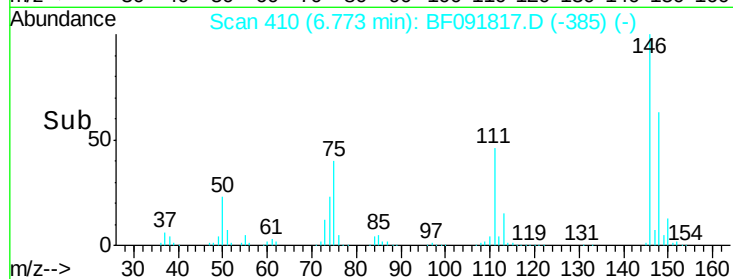
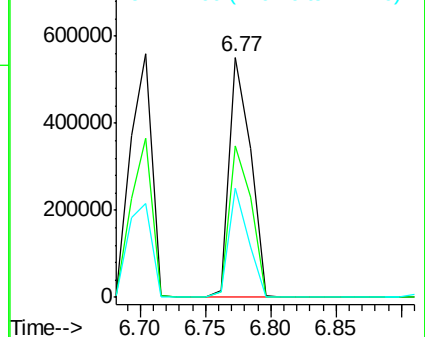
111 45.6 36.2 54.4



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: 43.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

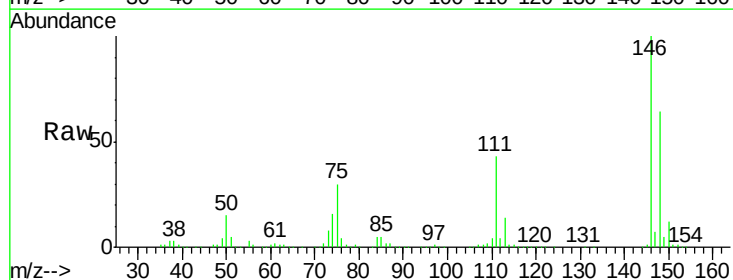
Tgt Ion:146 Resp: 630265

Ion Ratio Lower Upper

146 100

148 63.9 52.2 78.2

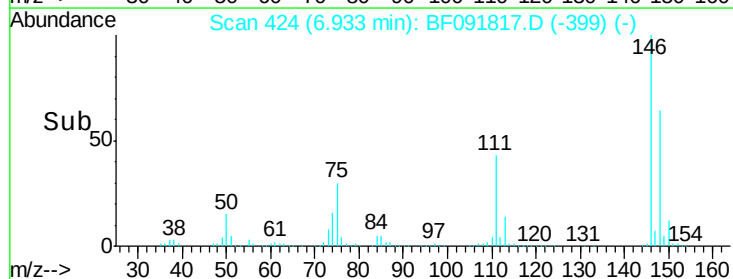
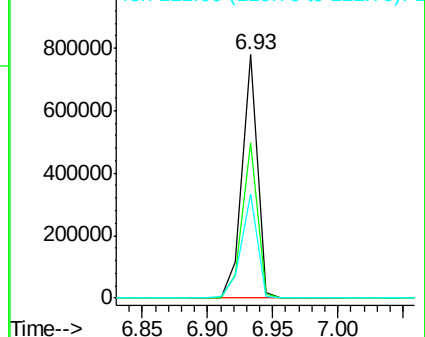
111 42.6 36.2 54.2

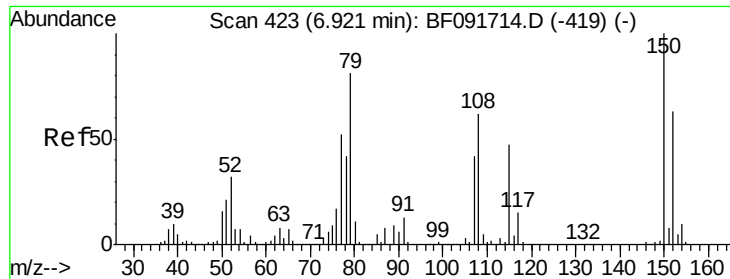


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

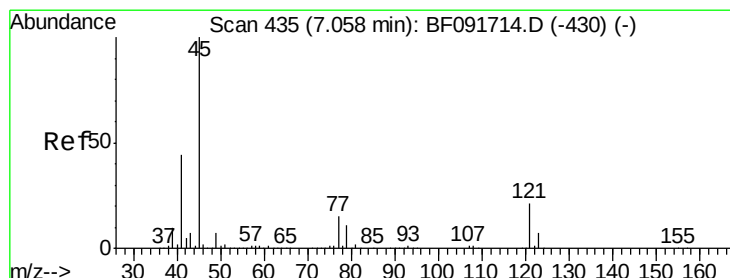
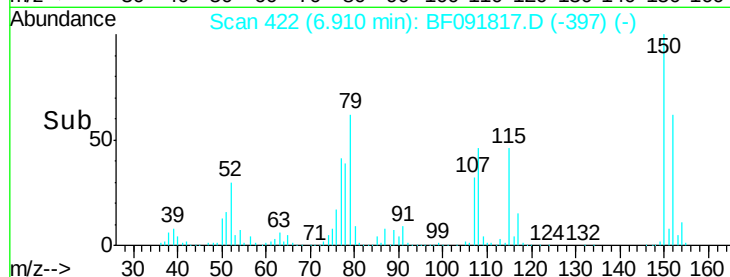
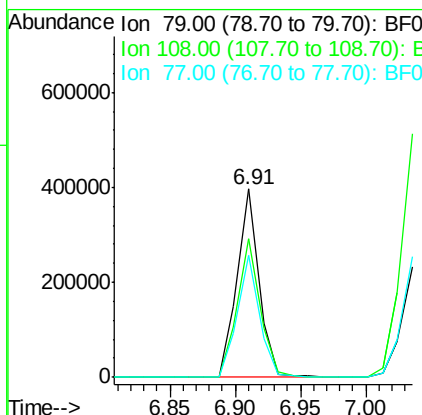
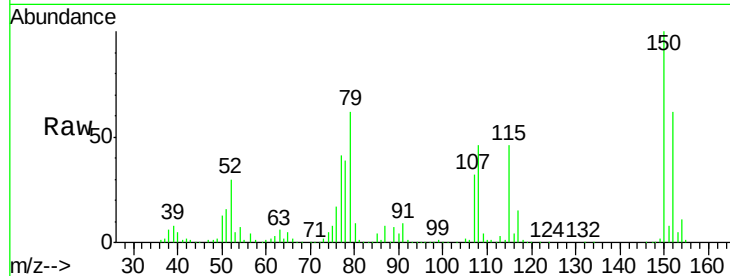




#15
Benzyl Alcohol
Concen: 35.89 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF091817.D
Acq: 20 Dec 2016 13:54

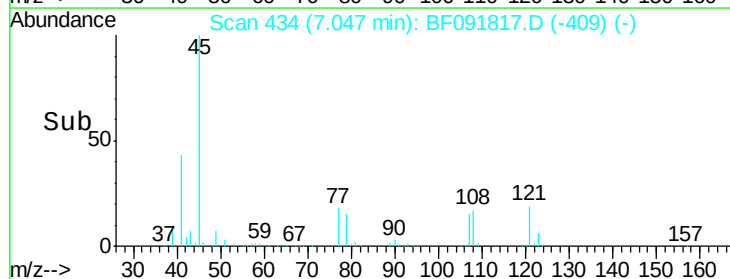
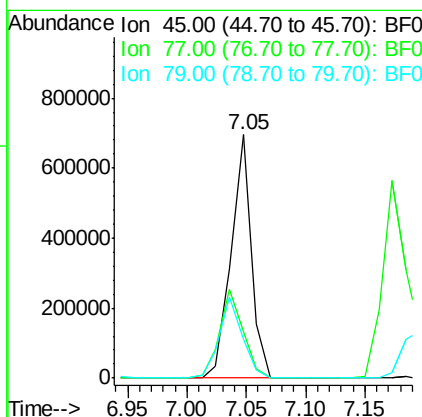
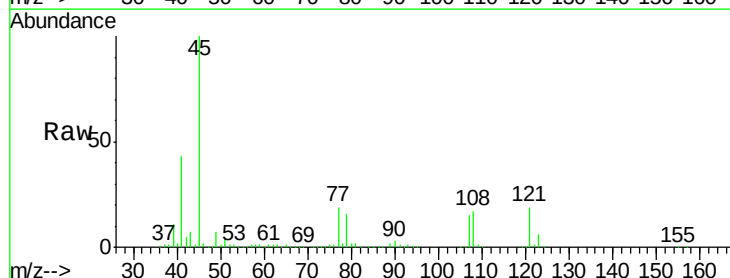
Instrument :
BNA_F
ClientSampleId :
PB95481BS

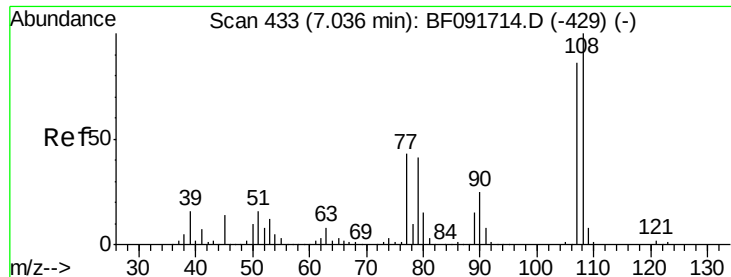
Tgt Ion: 79 Resp: 463572
Ion Ratio Lower Upper
79 100
108 73.7 61.4 92.0
77 65.0 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.87 ng
RT: 7.05 min Scan# 434
Delta R.T. -0.01 min
Lab File: BF091817.D
Acq: 20 Dec 2016 13:54

Tgt Ion: 45 Resp: 823196
Ion Ratio Lower Upper
45 100
77 19.1 0.0 34.6
79 15.8 0.0 31.2

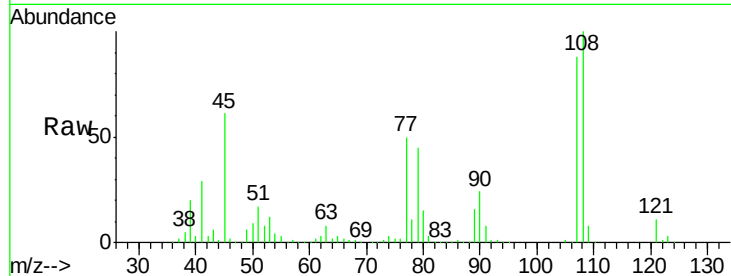




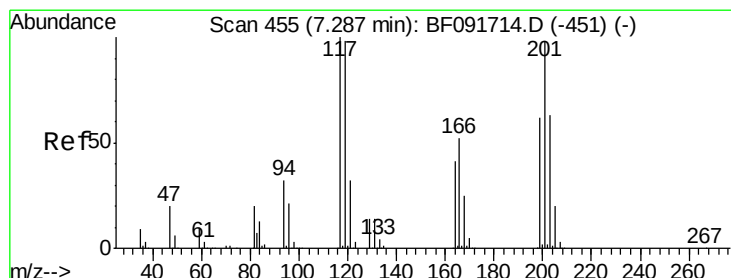
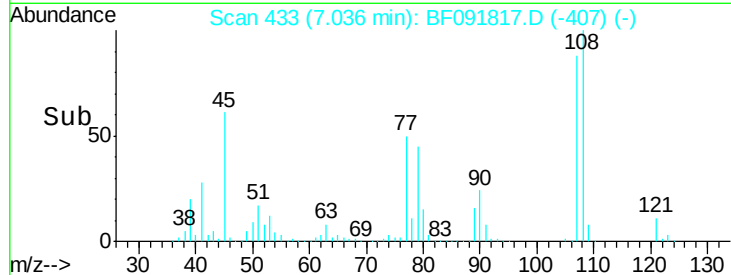
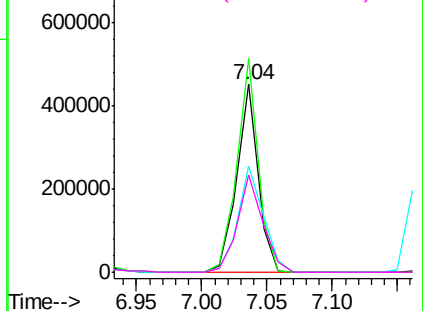
#17
2-Methylphenol
Concen: 40.25 ng
RT: 7.04 min Scan# 433
Delta R.T. 0.00 min
Lab File: BF091817.D
Acq: 20 Dec 2016 13:54

Instrument :
BNA_F
ClientSampleId :
PB95481BS

Tgt Ion:	107	Resp:	506434
Ion	Ratio	Lower	Upper
107	100		
108	113.6	93.0	139.6
77	56.4	39.8	59.8
79	51.6	38.0	57.0

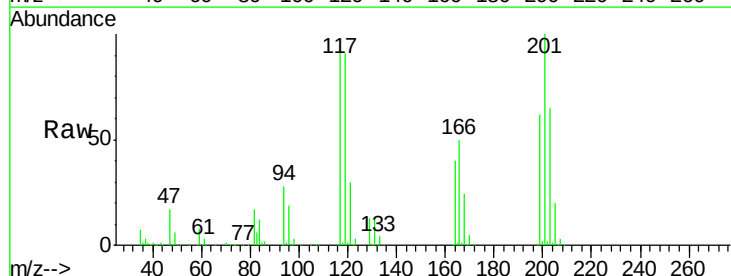


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

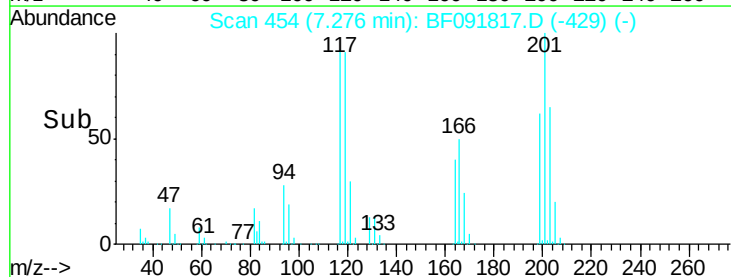
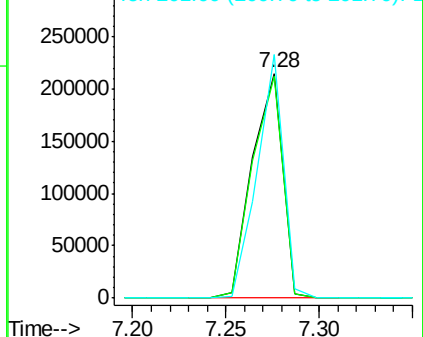


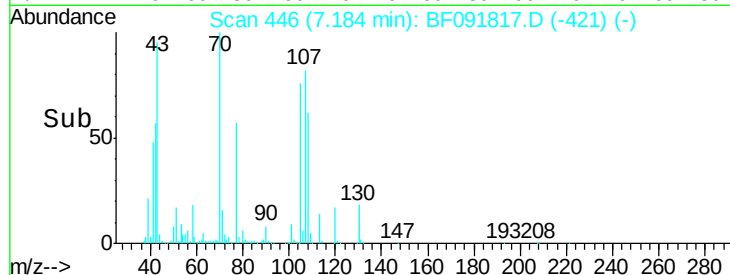
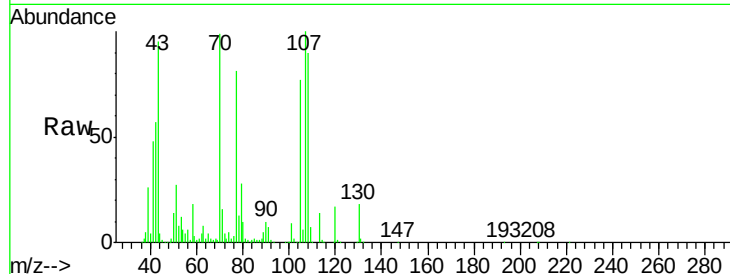
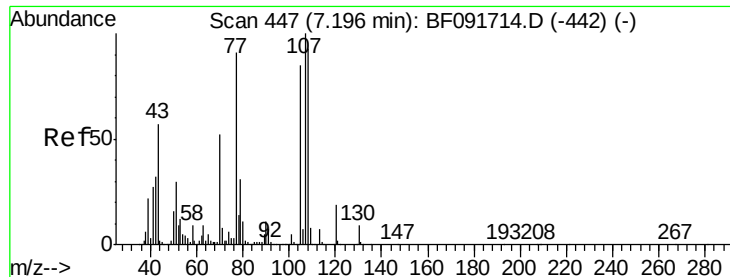
#18
Hexachloroethane
Concen: 39.59 ng
RT: 7.28 min Scan# 454
Delta R.T. -0.01 min
Lab File: BF091817.D
Acq: 20 Dec 2016 13:54

Tgt Ion:	117	Resp:	246097
Ion	Ratio	Lower	Upper
117	100		
119	98.5	78.1	117.1
201	108.3	78.6	117.8



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

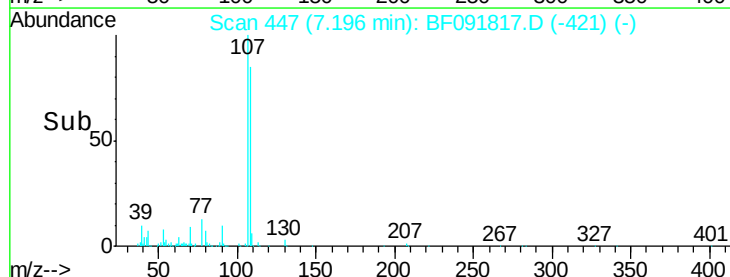
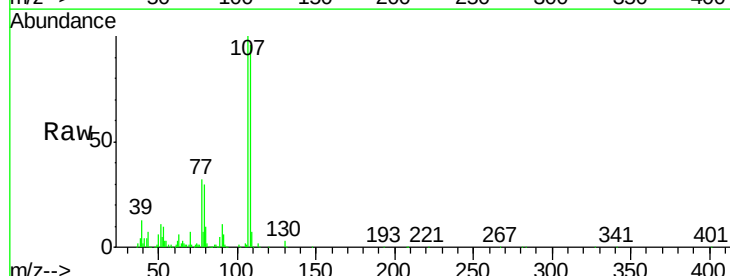
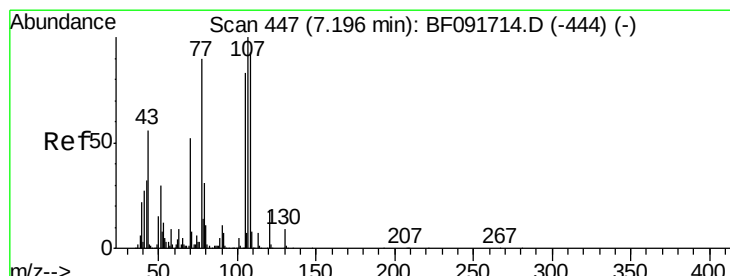
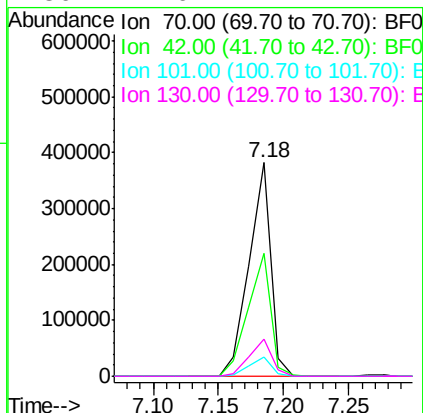




#19
n-Nitroso-di-n-propylamine
Concen: 39.96 ng
RT: 7.18 min Scan# 446
Delta R.T. -0.01 min
Lab File: BF091817.D
Acq: 20 Dec 2016 13:54

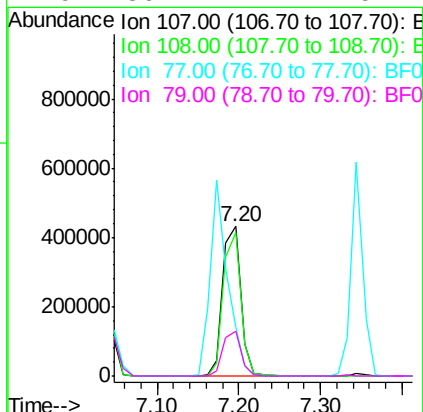
Instrument :
BNA_F
ClientSampleId :
PB95481BS

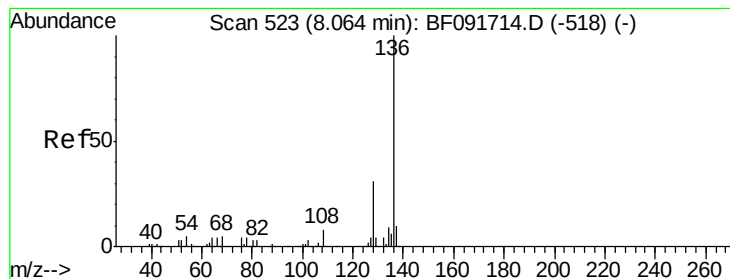
Tgt Ion:	70	Resp:	443394
Ion	Ratio	Lower	Upper
70	100		
42	57.8	49.4	74.0
101	8.9	7.4	11.2
130	17.6	14.2	21.4



#20
3+4-Methylphenols
Concen: 47.34 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.00 min
Lab File: BF091817.D
Acq: 20 Dec 2016 13:54

Tgt Ion:	107	Resp:	664423
Ion	Ratio	Lower	Upper
107	100		
108	96.0	73.0	113.0
77	32.3	71.3	111.3
79	30.2	11.1	51.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.02 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

Tgt Ion:136 Resp: 910097

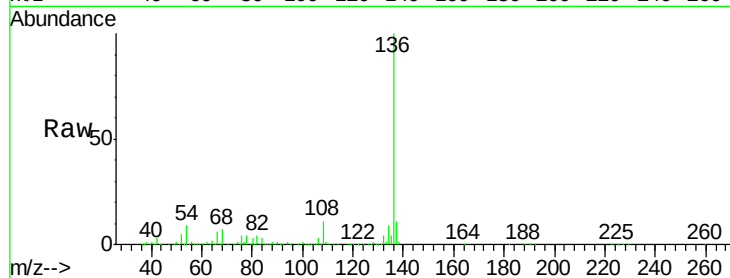
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 9.1 4.5 6.7#

68 7.0 3.6 5.4#



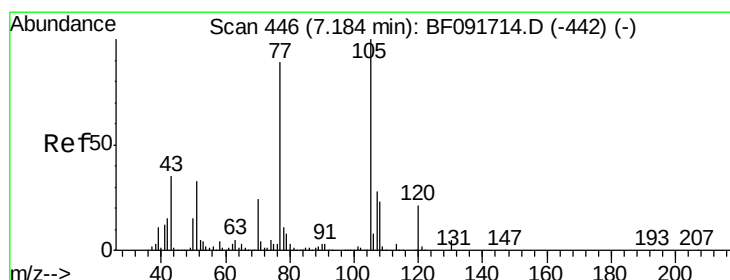
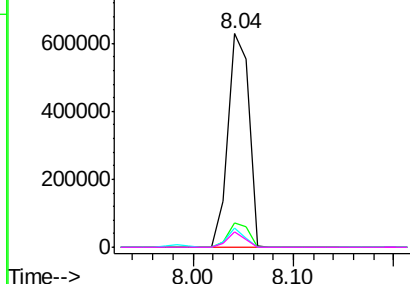
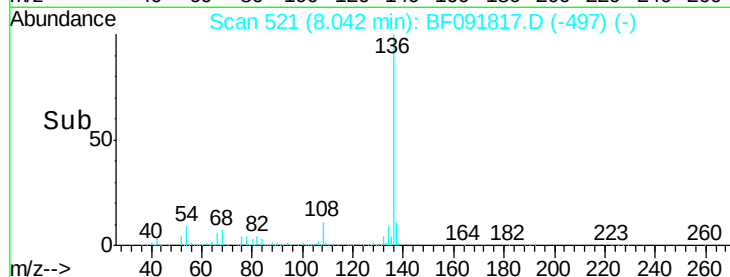
Abundance

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: 39.06 ng

RT: 7.17 min Scan# 445

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Tgt Ion:105 Resp: 858285

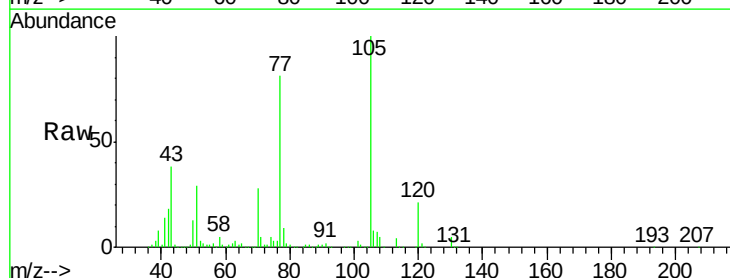
Ion Ratio Lower Upper

105 100

71 4.7 3.2 4.8

51 29.5 26.2 39.4

120 20.8 16.6 24.8



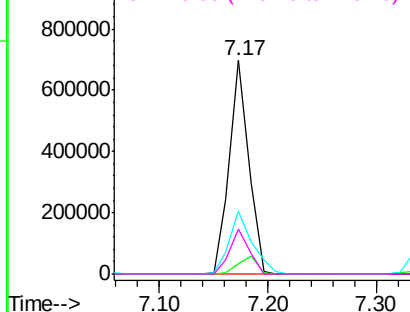
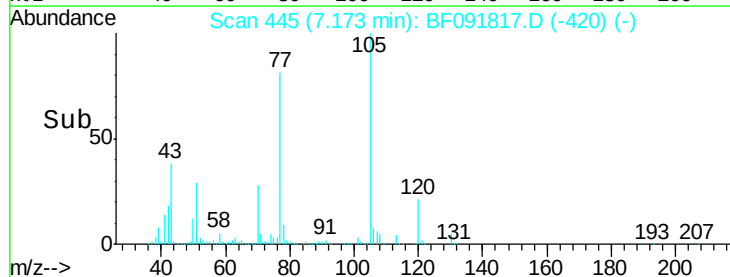
Abundance

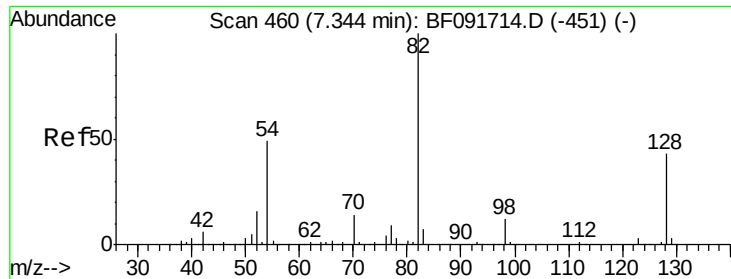
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

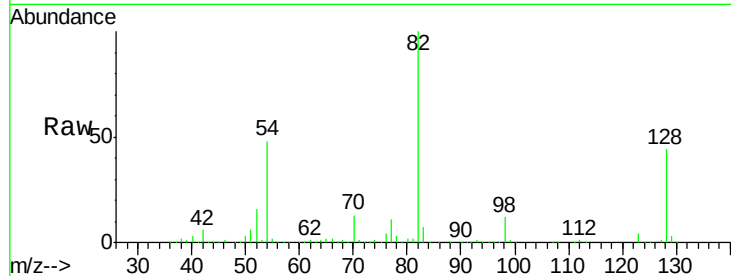




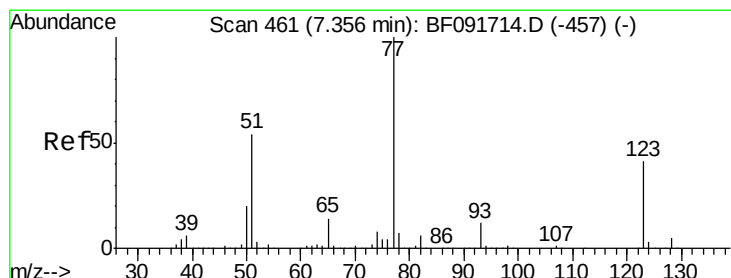
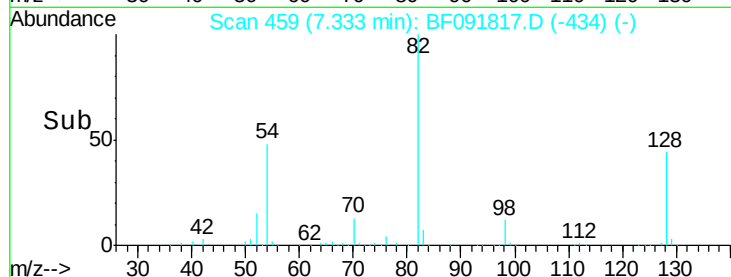
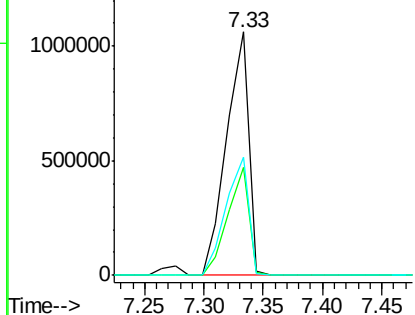
#23
 Nitrobenzene-d5
 Concen: 87.53 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.01 min
 Lab File: BF091817.D
 Acq: 20 Dec 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB95481BS

Tgt Ion: 82 Resp: 1381295
 Ion Ratio Lower Upper
 82 100
 128 44.2 34.6 52.0
 54 48.3 39.5 59.3

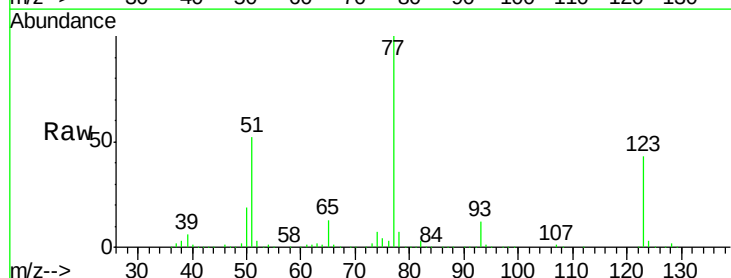


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

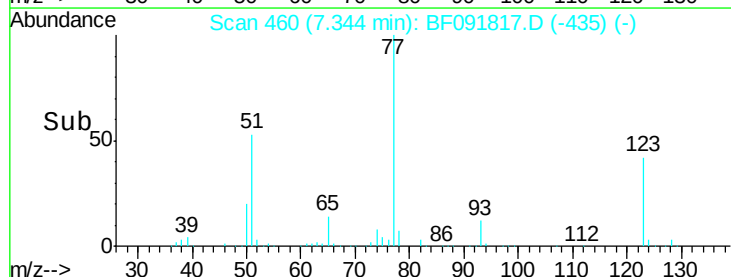
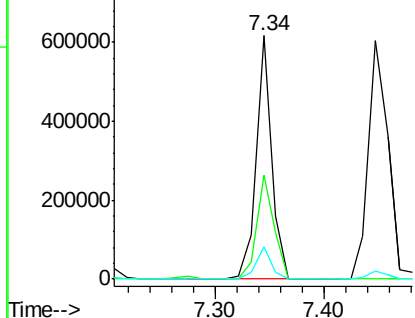


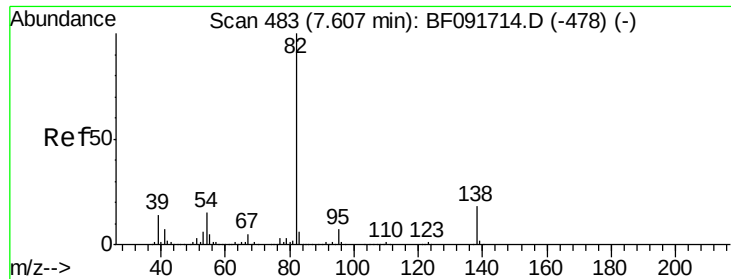
#24
 Nitrobenzene
 Concen: 36.36 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.01 min
 Lab File: BF091817.D
 Acq: 20 Dec 2016 13:54

Tgt Ion: 77 Resp: 616269
 Ion Ratio Lower Upper
 77 100
 123 42.8 33.0 49.4
 65 13.3 11.2 16.8



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





#25

Isophorone

Concen: 41.64 ng

RT: 7.60 min Scan# 482

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

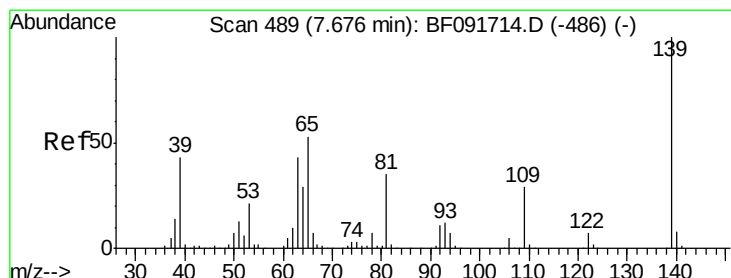
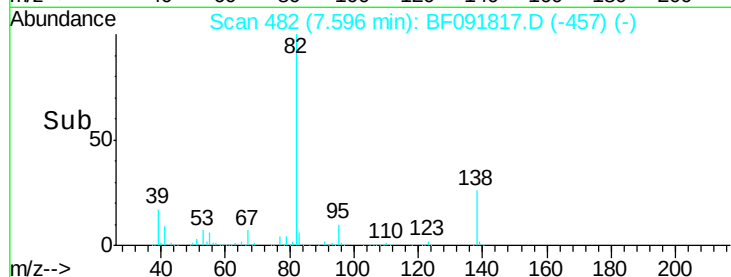
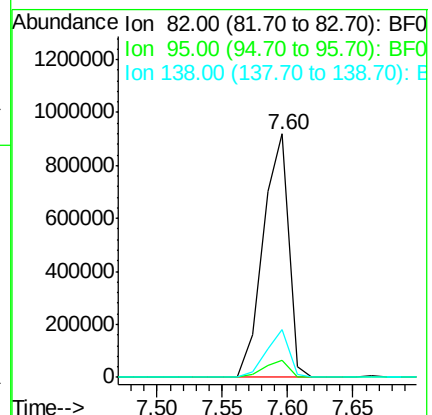
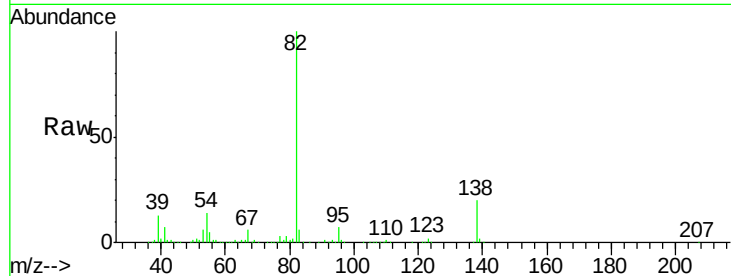
Tgt Ion: 82 Resp: 1253869

Ion Ratio Lower Upper

82 100

95 7.2 5.6 8.4

138 19.5 14.6 22.0



#26

2-Nitrophenol

Concen: 41.21 ng

RT: 7.66 min Scan# 488

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

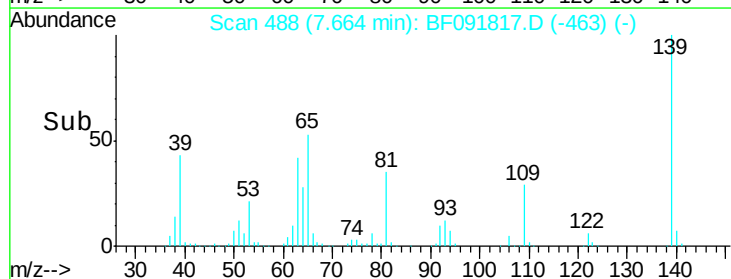
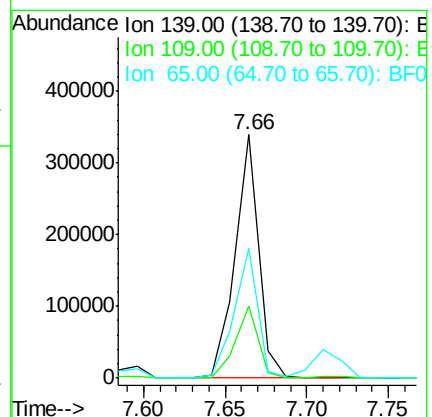
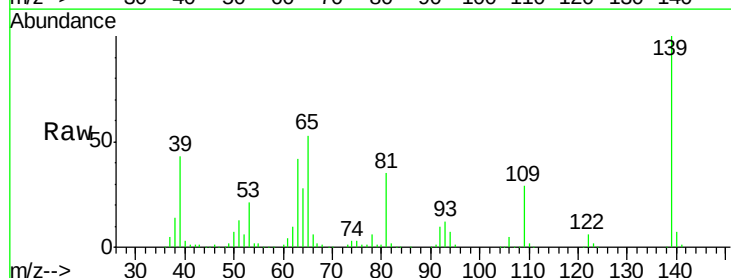
Tgt Ion: 139 Resp: 336935

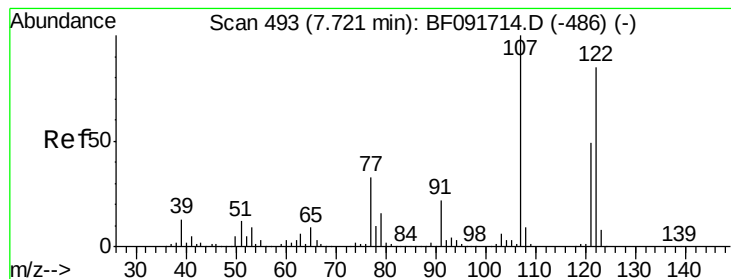
Ion Ratio Lower Upper

139 100

109 29.4 23.3 34.9

65 53.3 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 43.26 ng

RT: 7.71 min Scan# 492

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

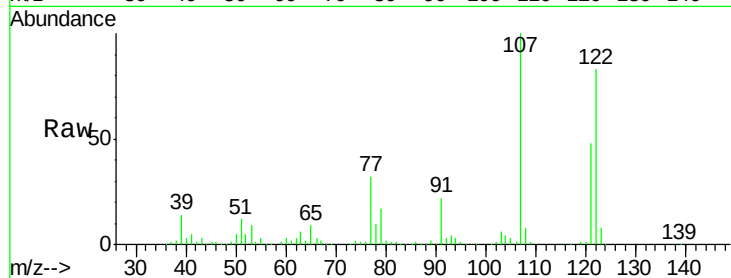
Tgt Ion:122 Resp: 576994

Ion Ratio Lower Upper

122 100

107 120.2 94.1 141.1

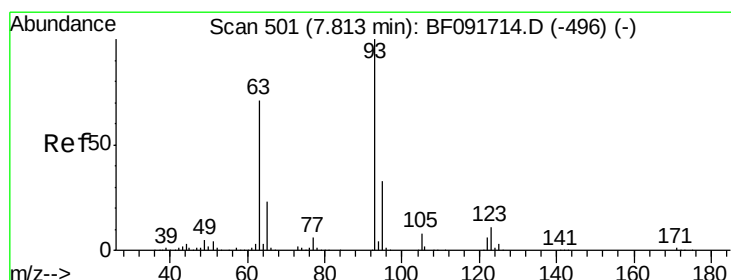
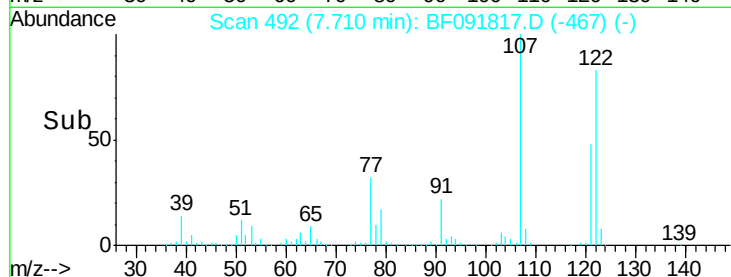
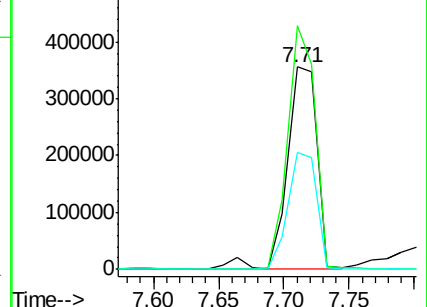
121 57.8 46.0 69.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 41.60 ng

RT: 7.80 min Scan# 500

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

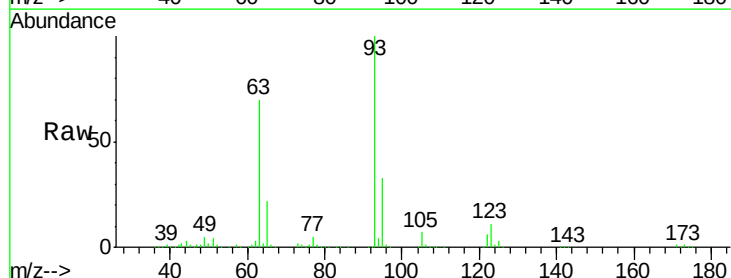
Tgt Ion: 93 Resp: 732975

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

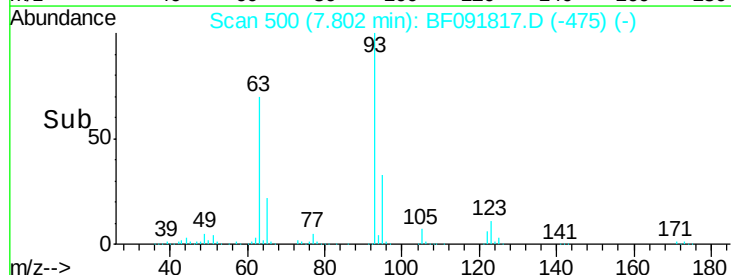
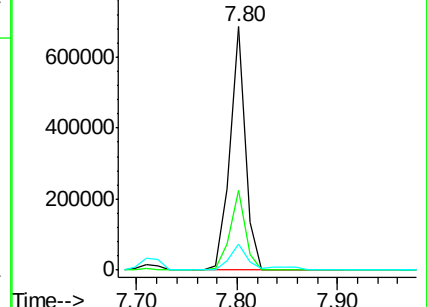
123 10.6 8.6 13.0

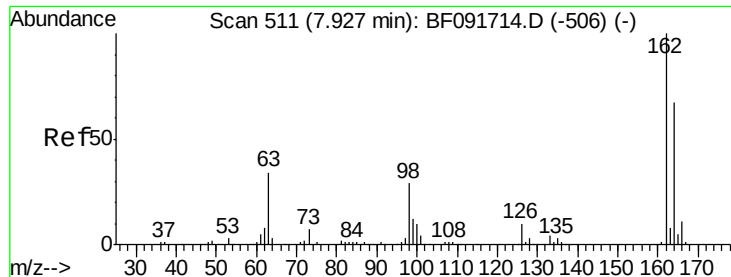


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

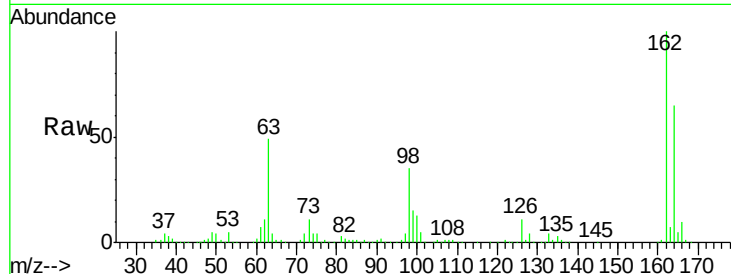




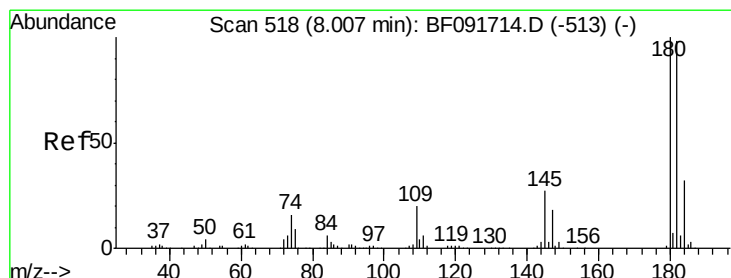
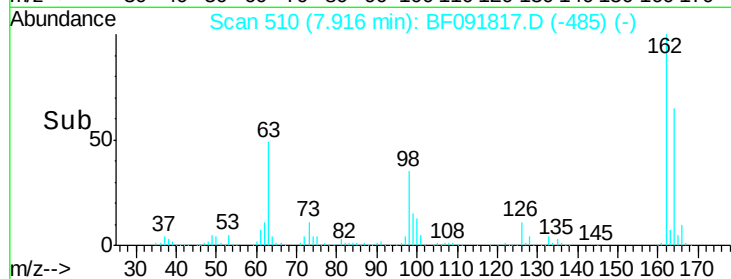
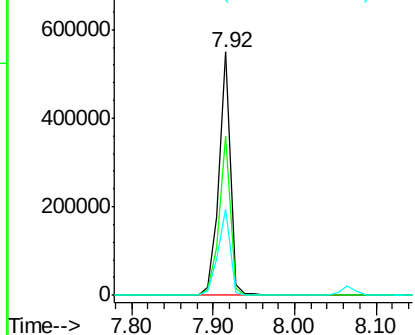
#29
 2,4-Dichlorophenol
 Concen: 43.53 ng
 RT: 7.92 min Scan# 510
 Delta R.T. -0.01 min
 Lab File: BF091817.D
 Acq: 20 Dec 2016 13:54

Instrument :
 BNA_F
 ClientSampleId :
 PB95481BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.4	46.8	86.8
98	35.3	9.1	49.1

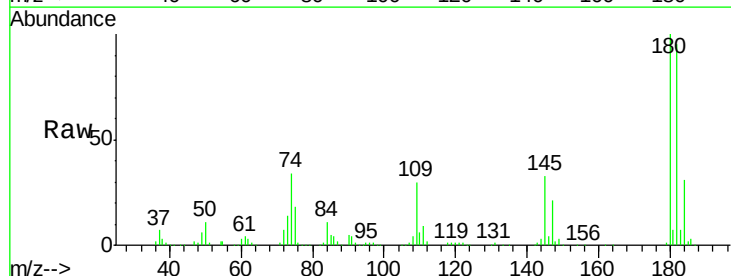


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

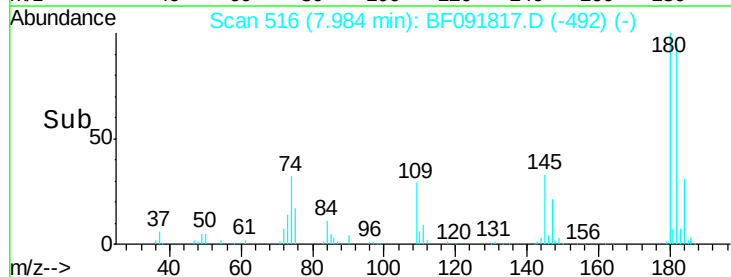
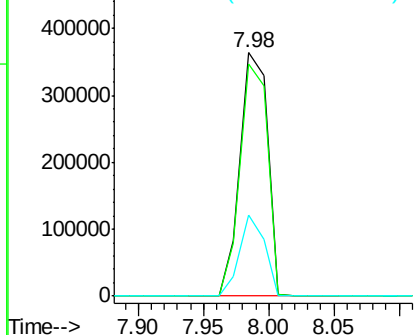


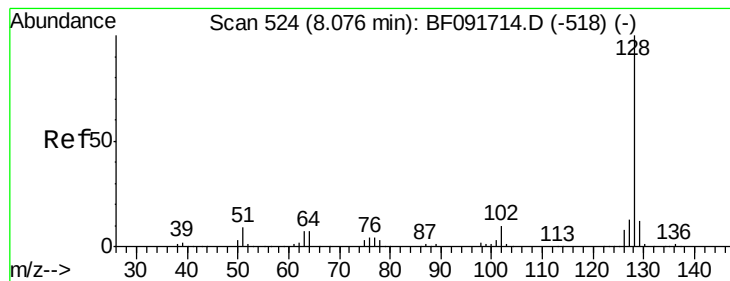
#30
 1,2,4-Trichlorobenzene
 Concen: 40.18 ng
 RT: 7.98 min Scan# 516
 Delta R.T. -0.02 min
 Lab File: BF091817.D
 Acq: 20 Dec 2016 13:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	78.2	117.4
145	33.4	21.6	32.4#



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





#31

Naphthalene

Concen: 37.83 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

Instrument :

BNA_F

ClientSampleId :

PB95481BS

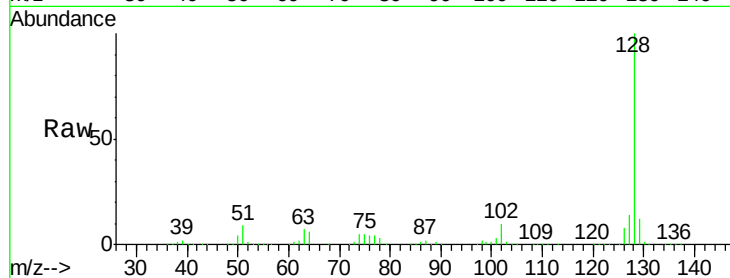
Tgt Ion:128 Resp: 1644638

Ion Ratio Lower Upper

128 100

129 11.6 9.5 14.3

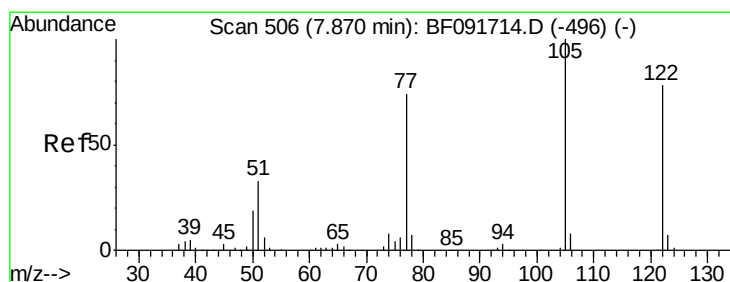
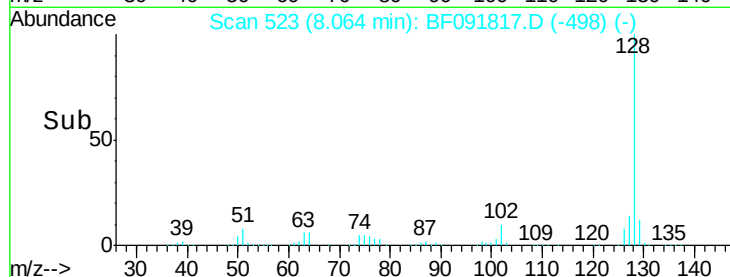
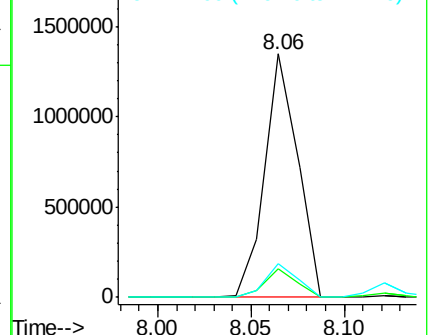
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 39.73 ng

RT: 7.86 min Scan# 505

Delta R.T. -0.01 min

Lab File: BF091817.D

Acq: 20 Dec 2016 13:54

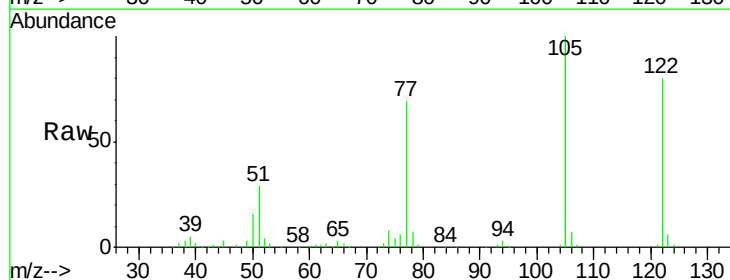
Tgt Ion:122 Resp: 377592

Ion Ratio Lower Upper

122 100

105 125.1 107.2 147.2

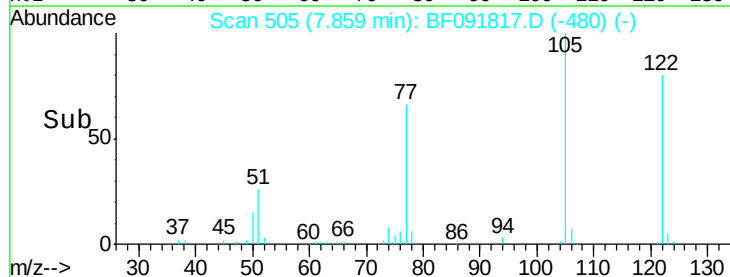
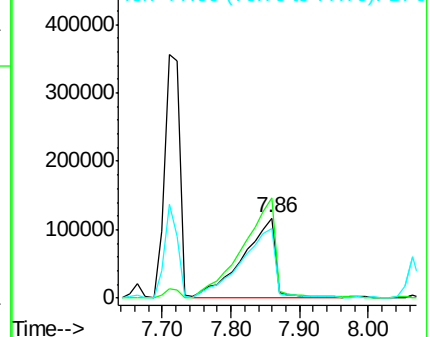
77 86.8 74.5 114.5

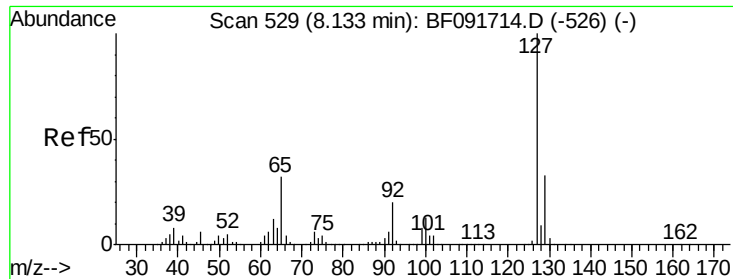


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

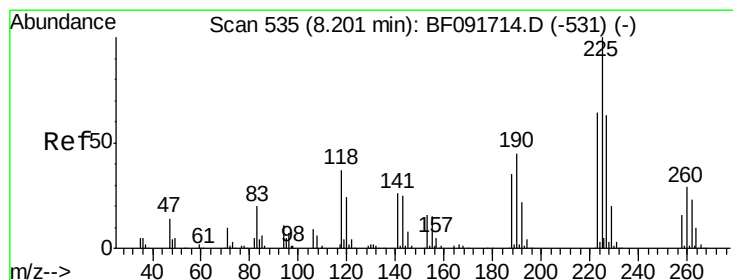
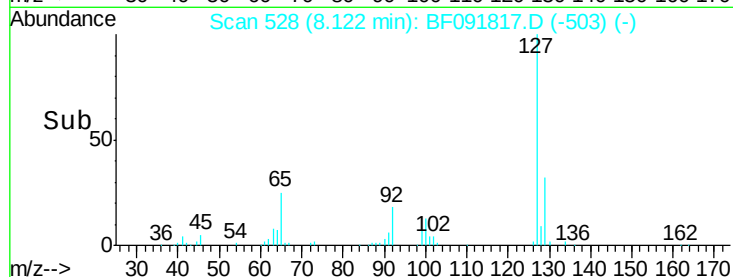
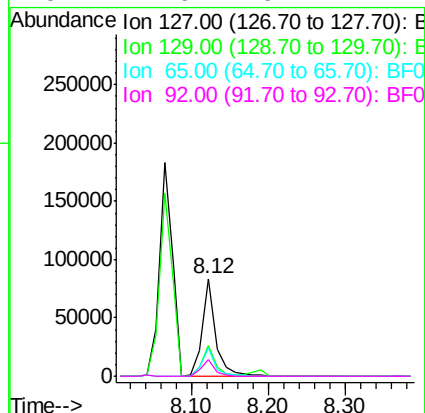
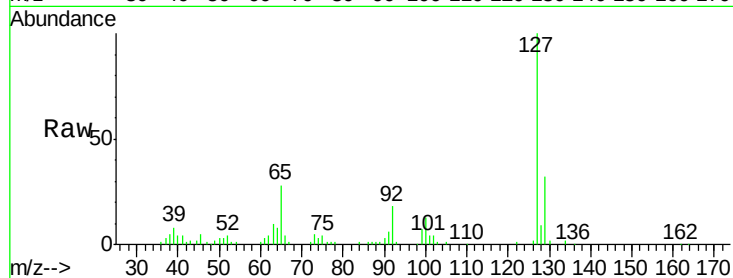




#33
4-Chloroaniline
Concen: 5.51 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF091817.D
Acq: 20 Dec 2016 13:54

Instrument :
BNA_F
ClientSampleId :
PB95481BS

Tgt Ion:	127	Resp:	100829
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.3	39.5
65	28.4	25.8	38.8
92	17.6	16.1	24.1



#34
Hexachlorobutadiene
Concen: 39.89 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.01 min
Lab File: BF091817.D
Acq: 20 Dec 2016 13:54

Tgt Ion:	225	Resp:	298951
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.0	76.6
227	64.3	50.6	76.0

