

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021517\
 Data File : BF092980.D
 Acq On : 16 Feb 2017 6:54
 Operator : SJ/MA
 Sample : I1790-02MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MSD

Quant Time: Feb 16 07:27:42 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	148825	20.00	ng	-0.01
21) Naphthalene-d8	8.16	136	586829	20.00	ng	-0.01
38) Acenaphthene-d10	9.90	164	307100	20.00	ng	-0.02
63) Phenanthrene-d10	11.39	188	470862	20.00	ng	-0.01
75) Chrysene-d12	14.03	240	342435	20.00	ng	-0.02
86) Perylene-d12	15.46	264	283933	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.49	112	1262790	145.57	ng	0.01
7) Phenol-d6	6.52	99	1421710	127.38	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1086510	103.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	317782	143.07	ng	-0.01
44) 2-Fluorobiphenyl	9.23	172	1681736	99.21	ng	-0.01
78) Terphenyl-d14	12.98	244	1328218	91.14	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.64	88	187311	39.96	ng	# 71
3) Pyridine	3.34	79	321647	26.99	ng	89
4) n-Nitrosodimethylamine	3.28	42	272940	48.77	ng	89
6) Aniline	6.54	93	219389	14.41	ng	# 60
8) 2-Chlorophenol	6.66	128	456979	47.75	ng	89
9) Benzaldehyde	6.42	77	37044	4.63	ng	96
10) Phenol	6.53	94	590686	45.23	ng	# 76
11) bis(2-Chloroethyl)ether	6.61	93	461438	44.27	ng	92
12) 1,3-Dichlorobenzene	6.82	146	513488	45.81	ng	97
13) 1,4-Dichlorobenzene	6.89	146	512228	45.15	ng	99
14) 1,2-Dichlorobenzene	7.05	146	510254	47.04	ng	95
15) Benzyl Alcohol	7.02	79	412289	49.89	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.15	45	866689	47.86	ng	97
17) 2-Methylphenol	7.14	107	406292	49.49	ng	96
18) Hexachloroethane	7.38	117	169520	43.77	ng	# 85
19) n-Nitroso-di-n-propylamine	7.30	70	363263	51.13	ng	96
20) 3+4-Methylphenols	7.30	107	473443	48.23	ng	# 85
22) Acetophenone	7.29	105	630647	47.07	ng	# 94
24) Nitrobenzene	7.46	77	501022	46.30	ng	98
25) Isophorone	7.70	82	962680	49.02	ng	96
26) 2-Nitrophenol	7.78	139	282115	54.85	ng	89
27) 2,4-Dimethylphenol	7.82	122	455486	50.42	ng	92
28) bis(2-Chloroethoxy)methane	7.92	93	645306	49.62	ng	98
29) 2,4-Dichlorophenol	8.02	162	402860	47.82	ng	90
30) 1,2,4-Trichlorobenzene	8.10	180	430590	47.43	ng	95
31) Naphthalene	8.18	128	1319444	44.35	ng	99
32) Benzoic acid	7.95	122	274152	52.73	ng	96
33) 4-Chloroaniline	8.22	127	95882	8.22	ng	96
34) Hexachlorobutadiene	8.29	225	215297	43.10	ng	99
35) Caprolactam	8.60	113	89987	33.96	ng	# 38
36) 4-Chloro-3-methylphenol	8.73	107	457586	52.10	ng	90
37) 2-Methylnaphthalene	8.86	142	929443	48.66	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	413328	47.95	ng	100
40) Hexachlorocyclopentadiene	9.02	237	212281	54.58	ng	97

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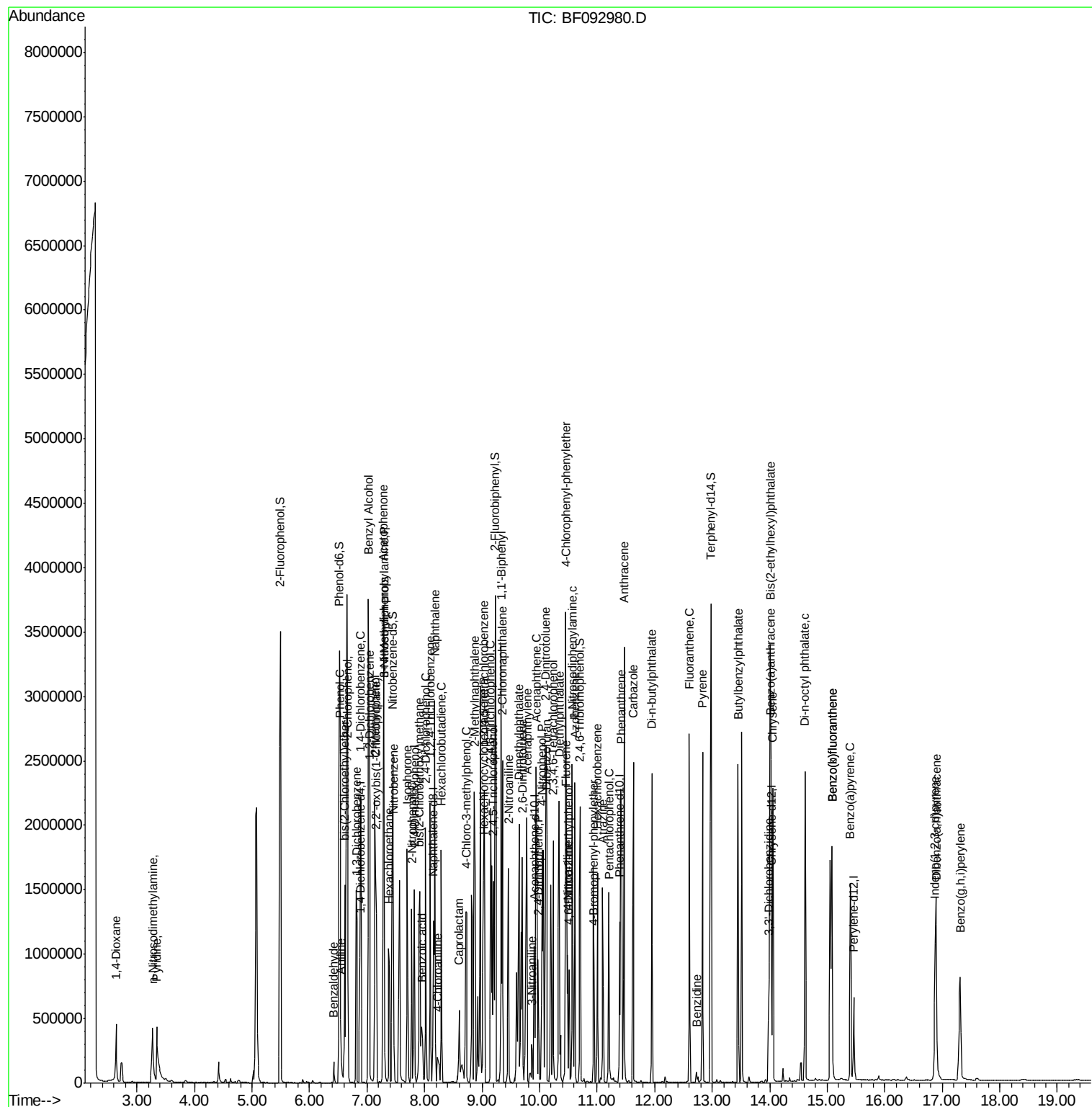
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	281011	49.61	ng	92
43) 2,4,5-Trichlorophenol	9.20	196	287813	46.37	ng	94
45) 1,1'-Biphenyl	9.33	154	1046068	47.04	ng	97
46) 2-Chloronaphthalene	9.36	162	823750	47.35	ng	96
47) 2-Nitroaniline	9.46	65	301311	51.52	ng	95
48) Acenaphthylene	9.78	152	1403196	46.69	ng	99
49) Dimethylphthalate	9.64	163	1108681	53.60	ng	100
50) 2,6-Dinitrotoluene	9.70	165	212701	47.61	ng	# 82
51) Acenaphthene	9.94	154	868212	48.32	ng	98
52) 3-Nitroaniline	9.87	138	68526	13.40	ng	# 77
53) 2,4-Dinitrophenol	9.97	184	158312	70.28	ng	# 56
54) Dibenzofuran	10.12	168	1194046	49.69	ng	# 89
55) 4-Nitrophenol	10.04	139	283689	77.05	ng	93
56) 2,4-Dinitrotoluene	10.11	165	311163	52.32	ng	# 80
57) Fluorene	10.46	166	871901	47.16	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.24	232	223393	53.96	ng	98
59) Diethylphthalate	10.34	149	1037818	53.24	ng	95
60) 4-Chlorophenyl-phenylether	10.45	204	423778	47.71	ng	# 79
61) 4-Nitroaniline	10.49	138	232650	44.43	ng	85
62) Azobenzene	10.61	77	1097918	54.52	ng	91
64) 4,6-Dinitro-2-methylphenol	10.51	198	108975	38.58	ng	# 49
65) n-Nitrosodiphenylamine	10.57	169	754180	50.14	ng	100
66) 4-Bromophenyl-phenylether	10.94	248	251607	51.15	ng	# 76
67) Hexachlorobenzene	11.00	284	226837	46.66	ng	# 78
68) Atrazine	11.09	200	218310	45.23	ng	99
69) Pentachlorophenol	11.21	266	261087	101.87	ng	99
70) Phenanthrene	11.41	178	1271215	47.12	ng	98
71) Anthracene	11.47	178	1277157	47.14	ng	98
72) Carbazole	11.63	167	1218634	47.06	ng	98
73) Di-n-butylphthalate	11.95	149	1438978	51.38	ng	98
74) Fluoranthene	12.60	202	1072787	38.55	ng	99
76) Benzidine	12.73	184	36403	2.49	ng	98
77) Pyrene	12.83	202	1059941	41.36	ng	99
79) Butylbenzylphthalate	13.45	149	536975	51.60	ng	96
80) Benzo(a)anthracene	14.02	228	923267	44.08	ng	99
81) 3,3'-Dichlorobenzidine	13.99	252	209284	28.03	ng	# 95
82) Chrysene	14.05	228	747228	38.11	ng	99
83) Bis(2-ethylhexyl)phthalate	14.01	149	760541	53.44	ng	# 97
84) Di-n-octyl phthalate	14.61	149	1216033	52.47	ng	100
85) Indeno(1,2,3-cd)pyrene	16.88	276	796308	52.43	ng	# 94
87) Benzo(b)fluoranthene	15.08	252	1674621	89.61	ng	97
88) Benzo(k)fluoranthene	15.08	252	1674985	103.80	ng	97
89) Benzo(a)pyrene	15.40	252	786052	48.63	ng	# 96
90) Dibenzo(a,h)anthracene	16.90	278	673447	51.55	ng	99
91) Benzo(g,h,i)perylene	17.31	276	663110	50.24	ng	# 92

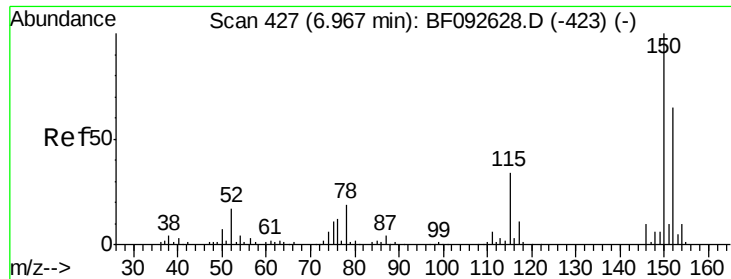
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

ClientSampleId :

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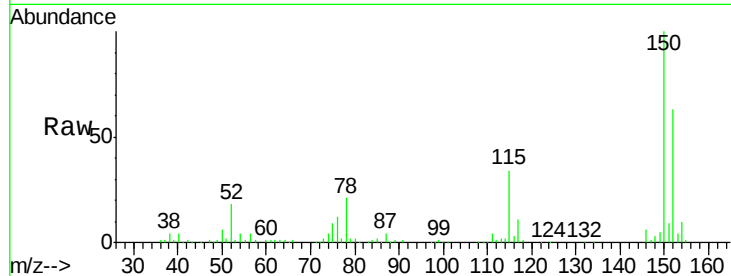
Tgt Ion:152 Resp: 148825

Ion Ratio Lower Upper

152 100

150 159.6 124.9 187.3

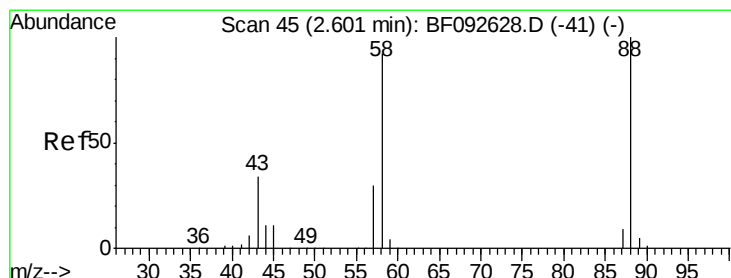
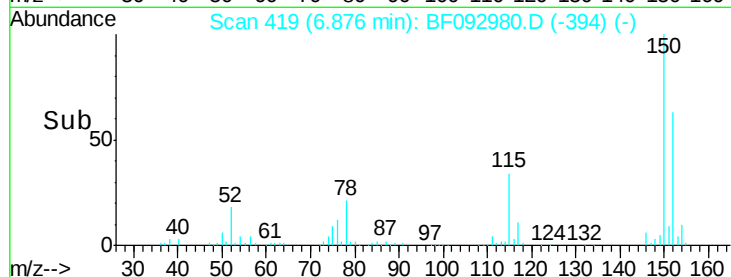
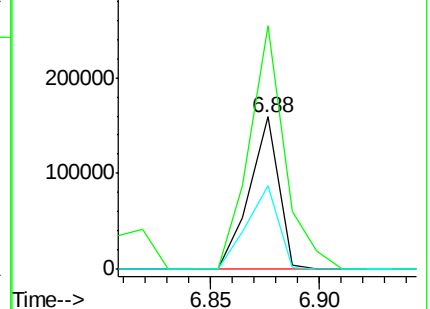
115 54.5 46.0 69.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 39.96 ng

RT: 2.64 min Scan# 48

Delta R.T. 0.17 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

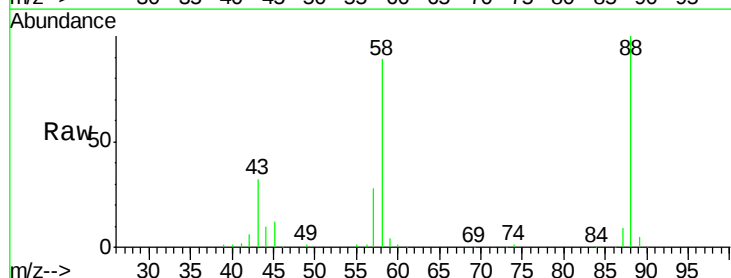
Tgt Ion: 88 Resp: 187311

Ion Ratio Lower Upper

88 100

58 88.6 57.8 86.8#

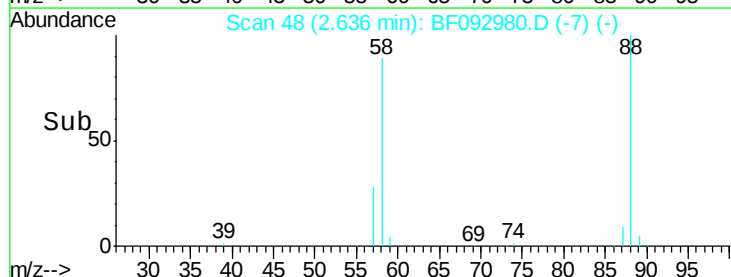
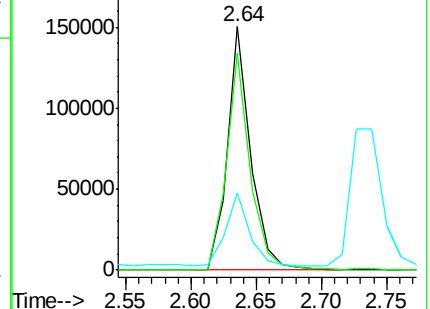
43 0.0 22.3 33.5#

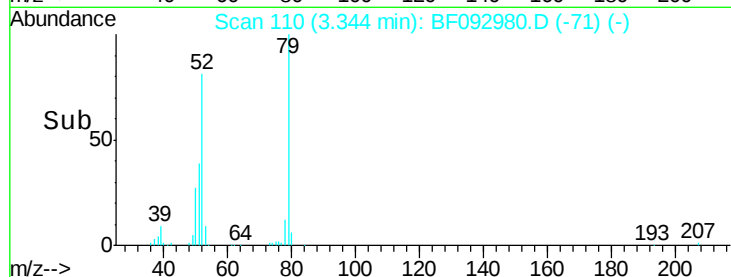
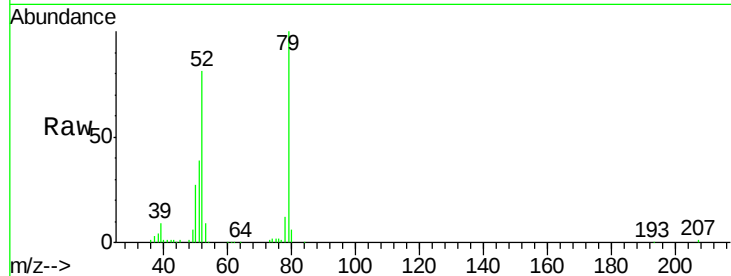
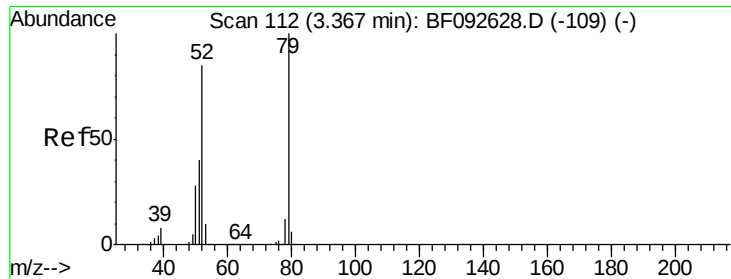


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 26.99 ng

RT: 3.34 min Scan# 110

Delta R.T. 0.15 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

ClientSampleId :

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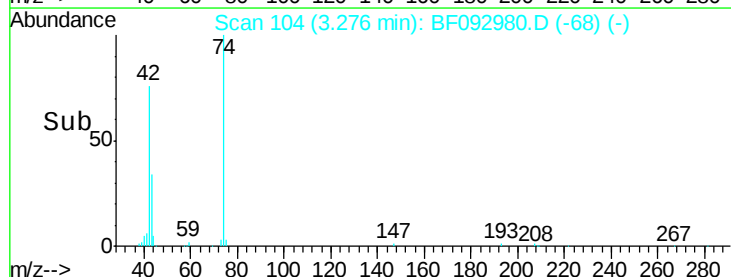
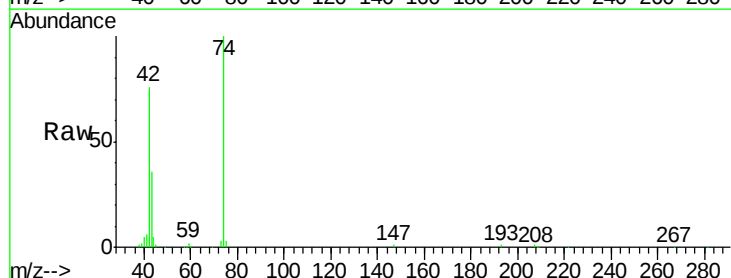
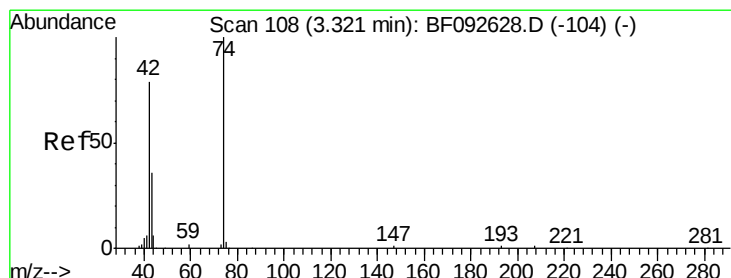
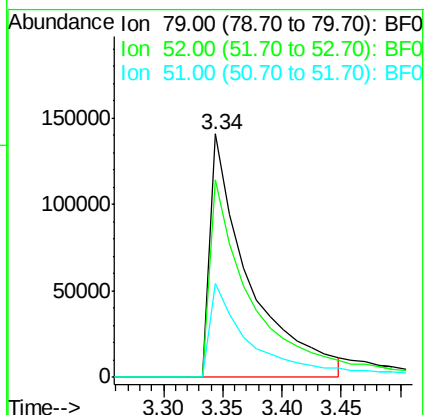
Tgt Ion: 79 Resp: 321647

Ion Ratio Lower Upper

79 100

52 81.3 57.1 85.7

51 38.7 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 48.77 ng

RT: 3.28 min Scan# 104

Delta R.T. 0.11 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

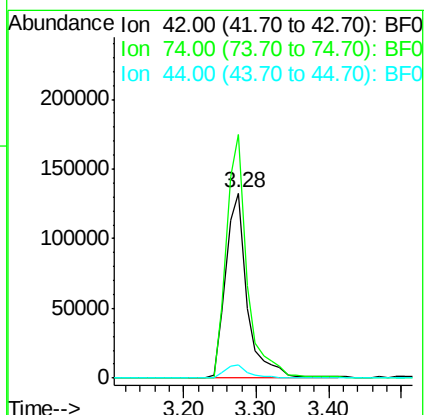
Tgt Ion: 42 Resp: 272940

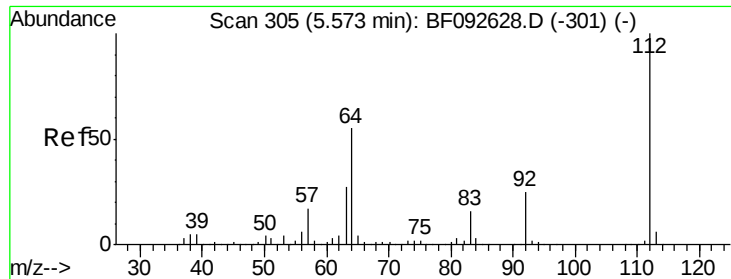
Ion Ratio Lower Upper

42 100

74 131.8 117.0 175.4

44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 145.57 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

ClientSampleId :

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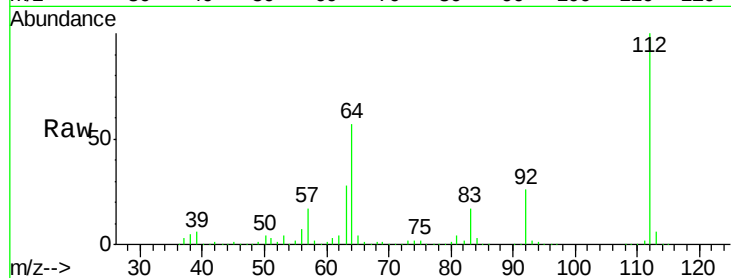
Tgt Ion: 112 Resp: 1262790

Ion Ratio Lower Upper

112 100

64 57.4 46.1 69.1

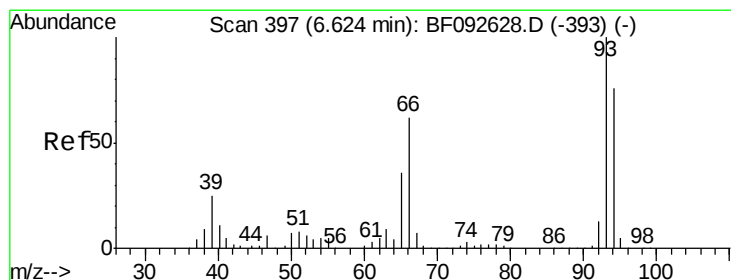
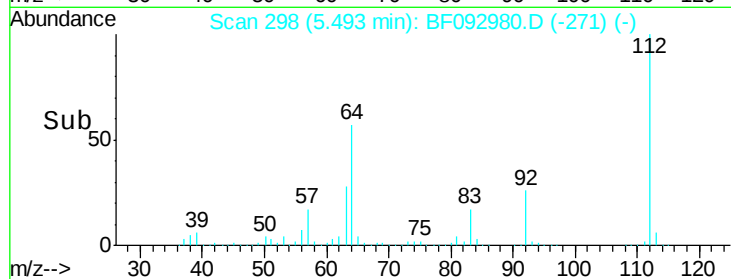
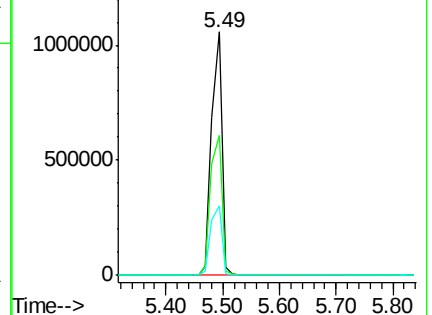
63 28.4 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): BF0

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 14.41 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

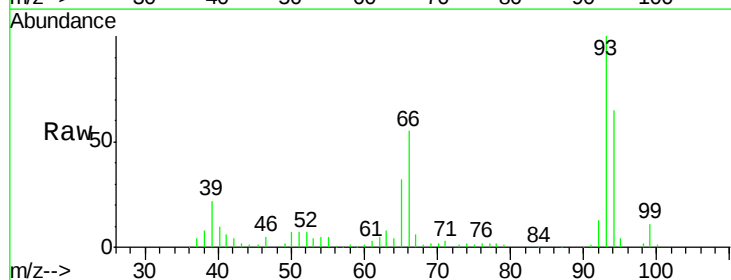
Tgt Ion: 93 Resp: 219389

Ion Ratio Lower Upper

93 100

66 55.4 76.2 114.2#

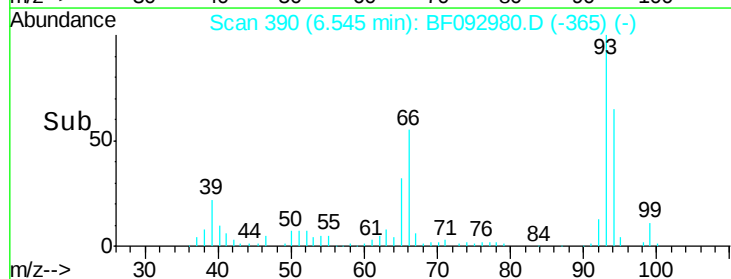
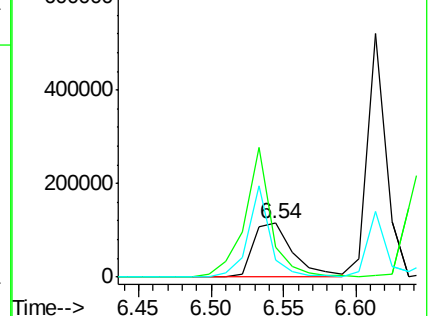
65 32.1 49.3 73.9#

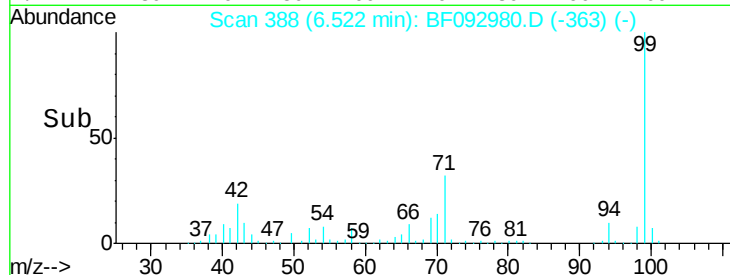
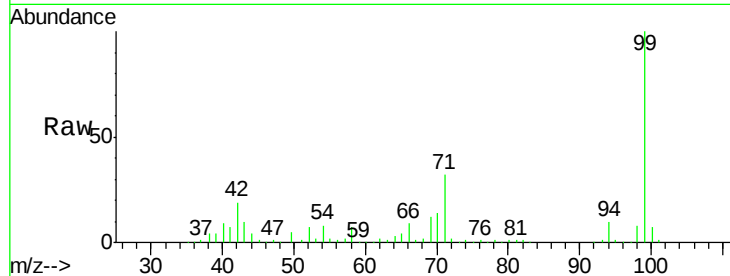


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 127.38 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

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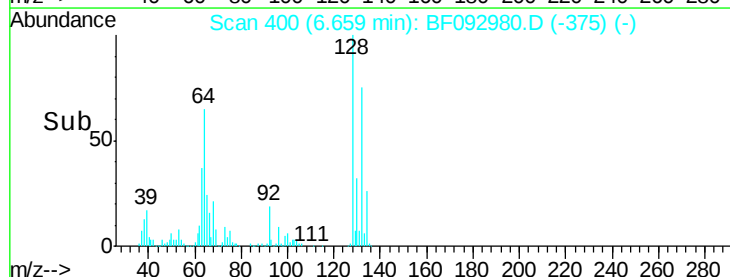
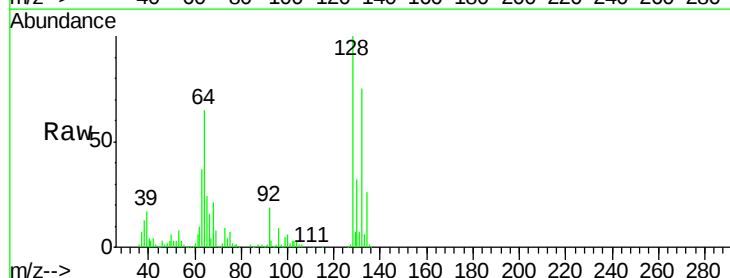
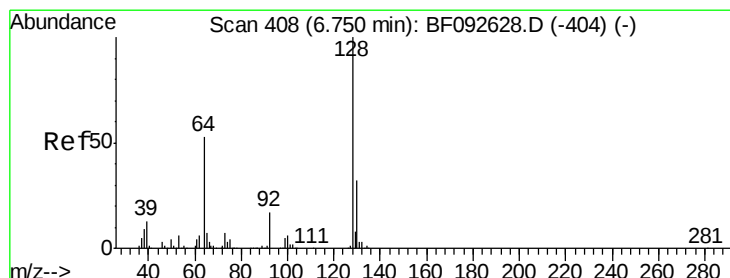
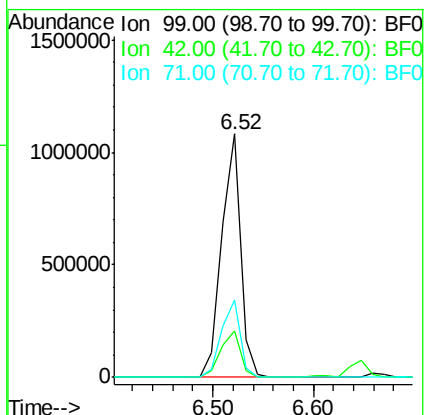
Tgt Ion: 99 Resp: 1421710

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

71 31.8 27.5 41.3



#8

2-Chlorophenol

Concen: 47.75 ng

RT: 6.66 min Scan# 400

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

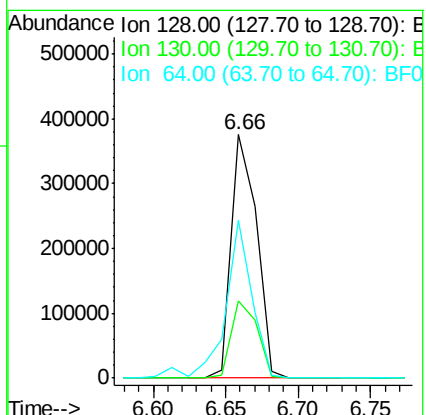
Tgt Ion: 128 Resp: 456979

Ion Ratio Lower Upper

128 100

130 31.8 12.3 52.3

64 64.8 32.2 72.2





#9

Benzaldehyde

Concen: 4.63 ng

RT: 6.42 min Scan# 379

Delta R.T. -0.01 min

Lab File: BF092980.D

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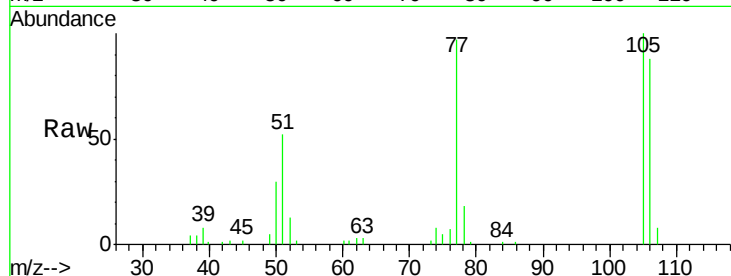
Tgt Ion: 77 Resp: 37044

Ion Ratio Lower Upper

77 100

105 103.0 83.9 123.9

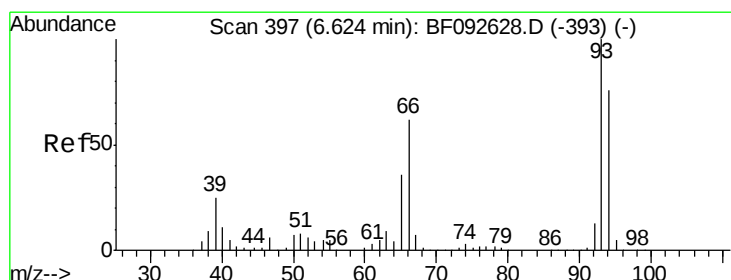
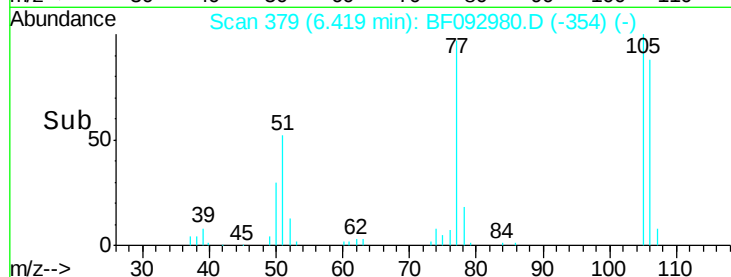
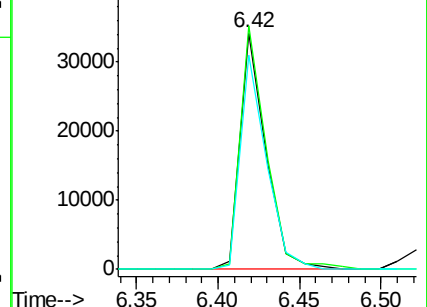
106 90.6 77.6 117.6



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: 45.23 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

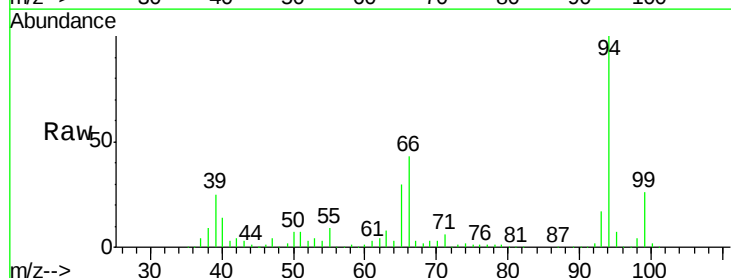
Tgt Ion: 94 Resp: 590686

Ion Ratio Lower Upper

94 100

65 29.9 21.4 61.4

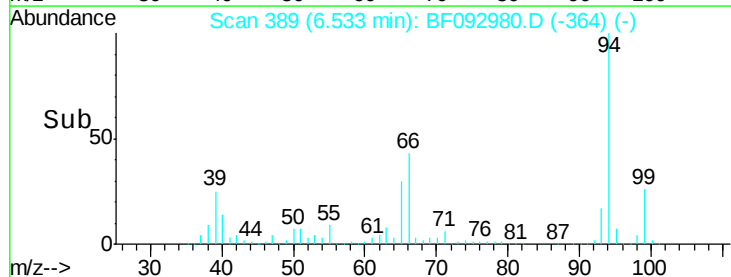
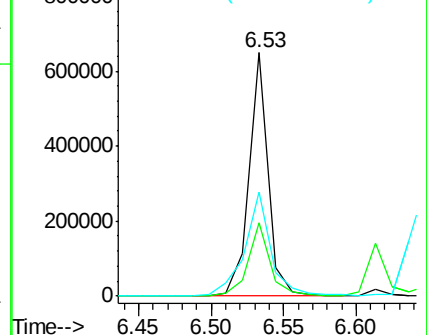
66 42.5 44.0 84.0#



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

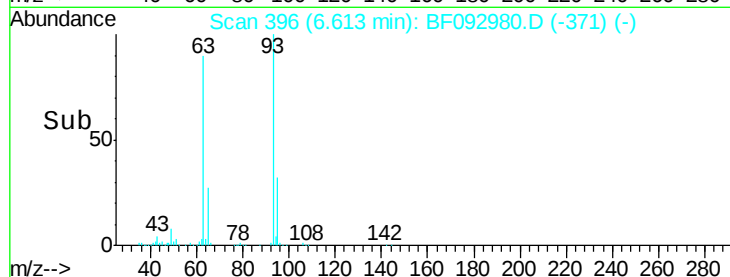
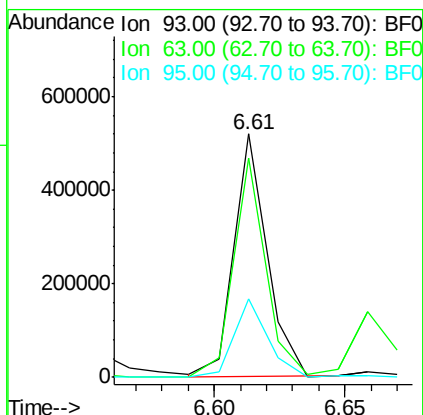
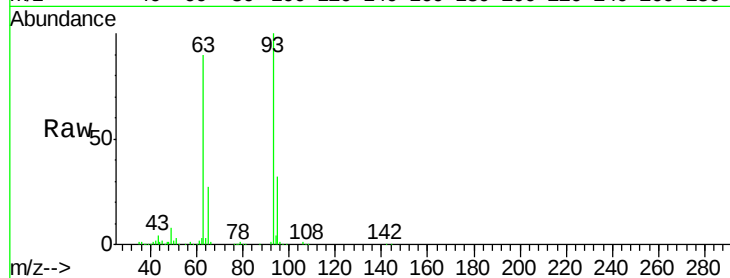




#11
bis(2-Chloroethyl)ether
Concen: 44.27 ng
RT: 6.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

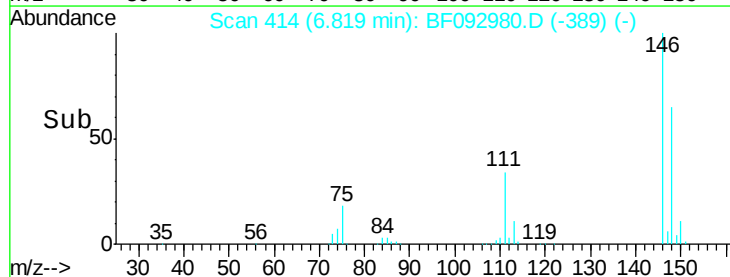
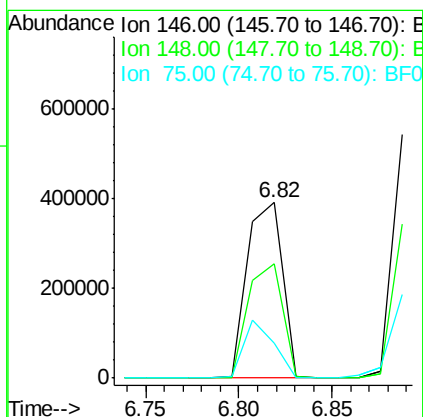
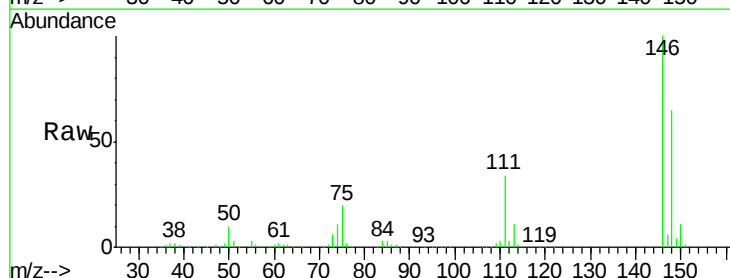
Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MSD

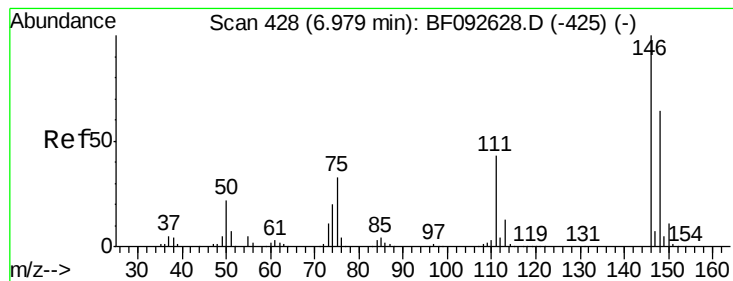
Tgt Ion: 93 Resp: 461438
Ion Ratio Lower Upper
93 100
63 90.1 60.4 100.4
95 32.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 45.81 ng
RT: 6.82 min Scan# 414
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Tgt Ion: 146 Resp: 513488
Ion Ratio Lower Upper
146 100
148 65.0 53.4 80.0
75 19.8 18.5 27.7





#13

1,4-Dichlorobenzene

Concen: 45.15 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MSD

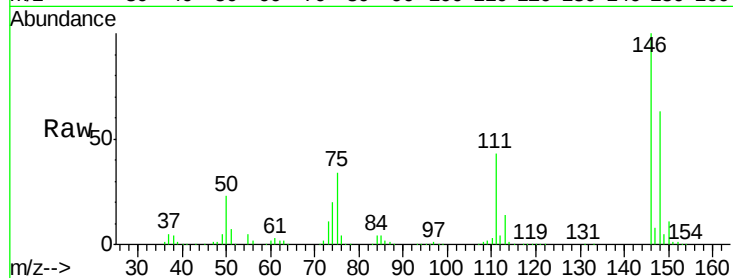
Tgt Ion:146 Resp: 512228

Ion Ratio Lower Upper

146 100

148 63.4 50.6 76.0

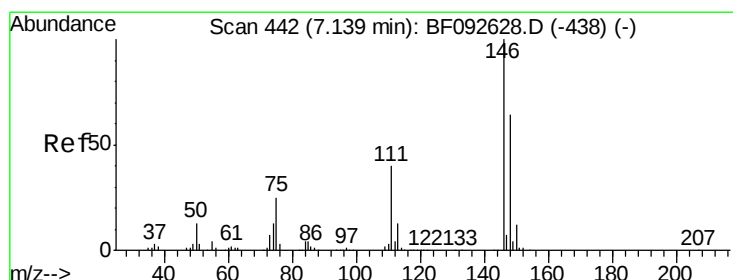
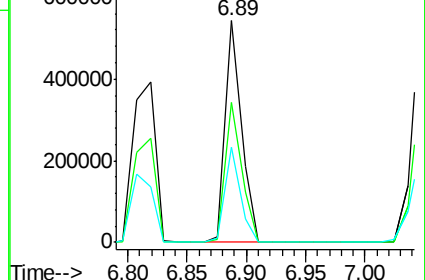
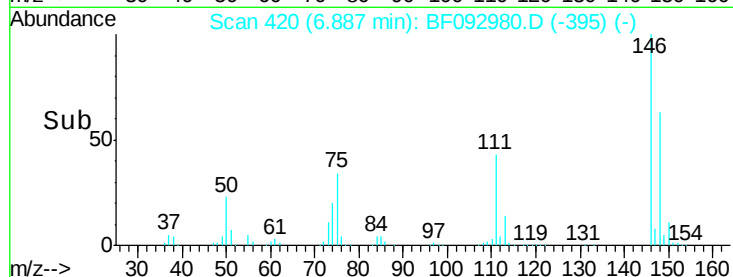
111 43.1 36.2 54.4



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: 47.04 ng

RT: 7.05 min Scan# 434

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

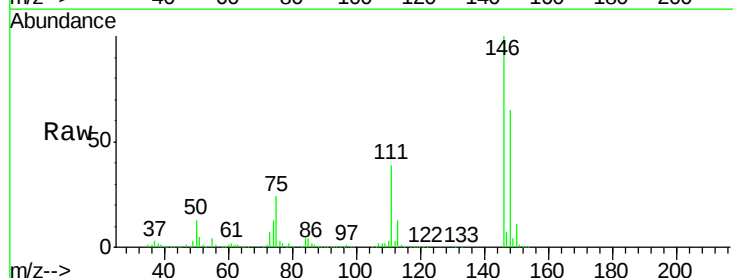
Tgt Ion:146 Resp: 510254

Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.2

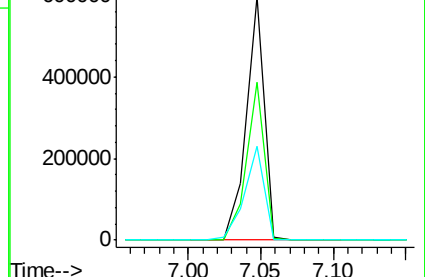
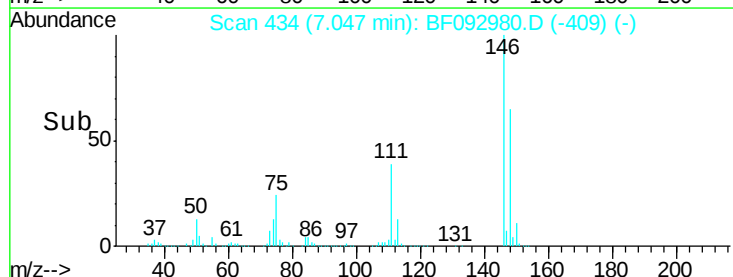
111 38.6 36.2 54.2

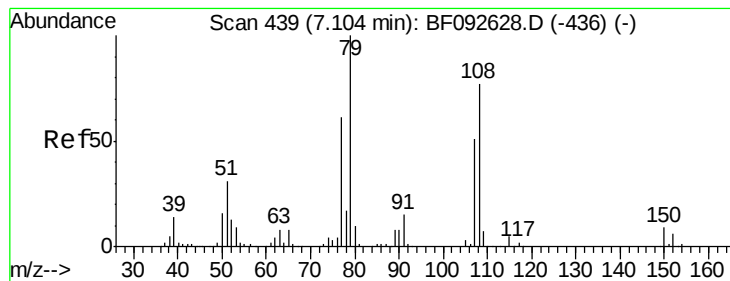


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 49.89 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MSD

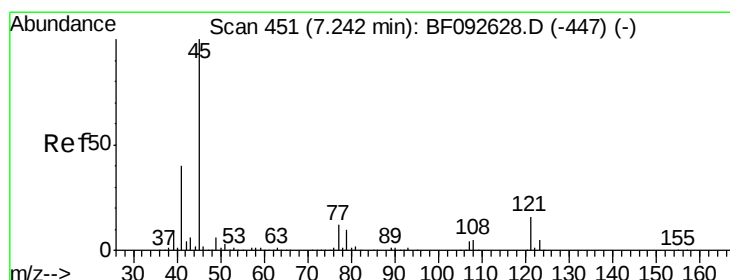
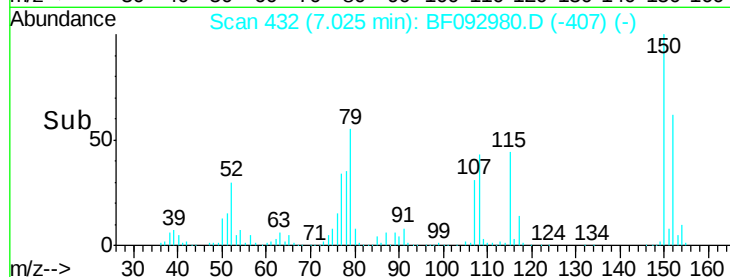
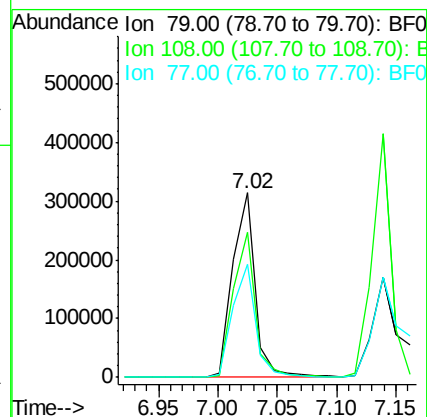
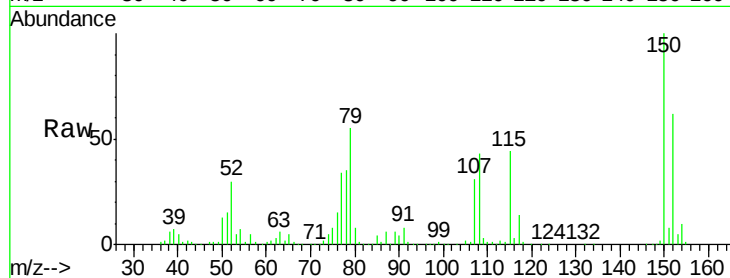
Tgt Ion: 79 Resp: 412289

Ion Ratio Lower Upper

79 100

108 79.0 61.4 92.0

77 61.6 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.86 ng

RT: 7.15 min Scan# 443

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

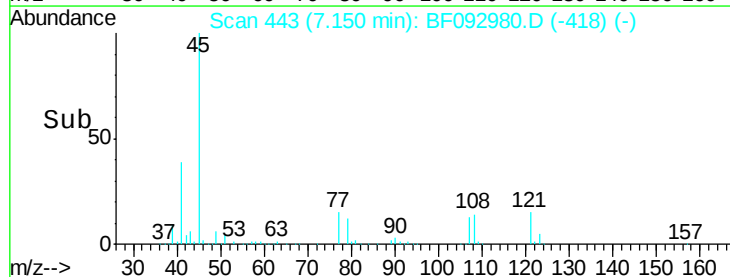
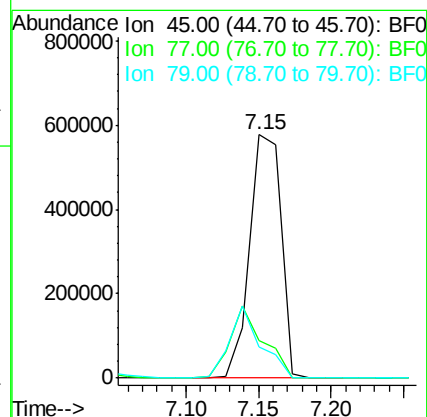
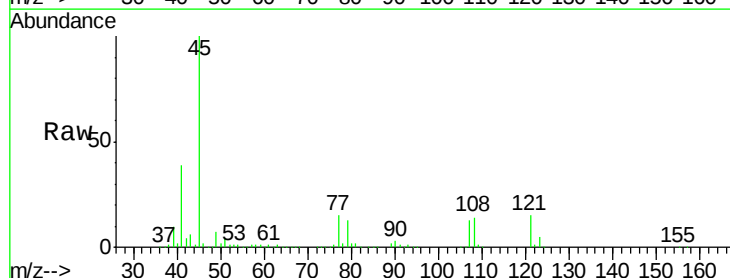
Tgt Ion: 45 Resp: 866689

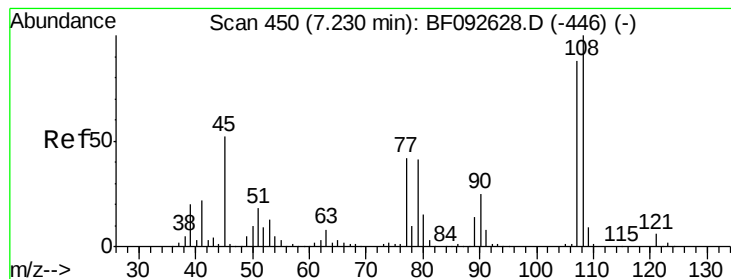
Ion Ratio Lower Upper

45 100

77 15.3 0.0 34.6

79 12.7 0.0 31.2





#17

2-Methylphenol

Concen: 49.49 ng

RT: 7.14 min Scan# 442

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MSD

Tgt Ion:107 Resp: 406292

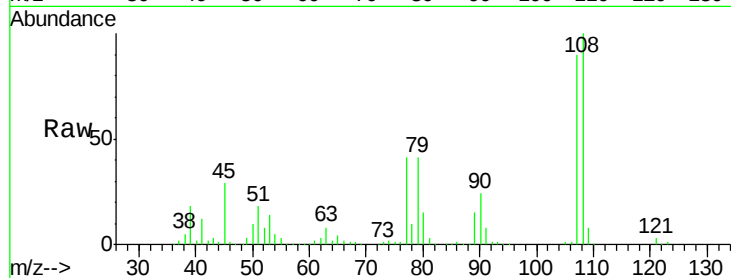
Ion Ratio Lower Upper

107 100

108 111.6 93.0 139.6

77 45.9 39.8 59.8

79 45.8 38.0 57.0

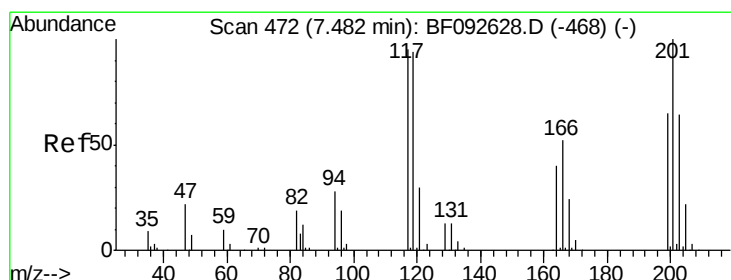
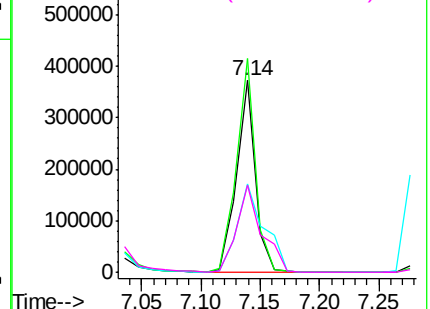
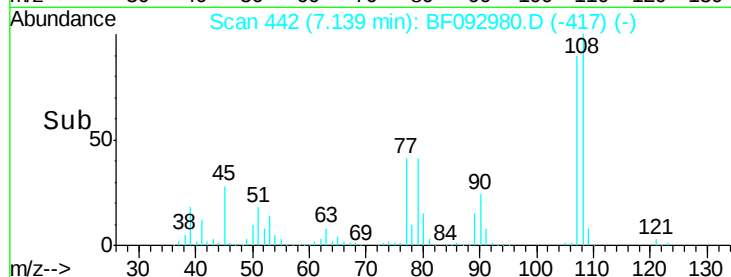


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 43.77 ng

RT: 7.38 min Scan# 463

Delta R.T. -0.02 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

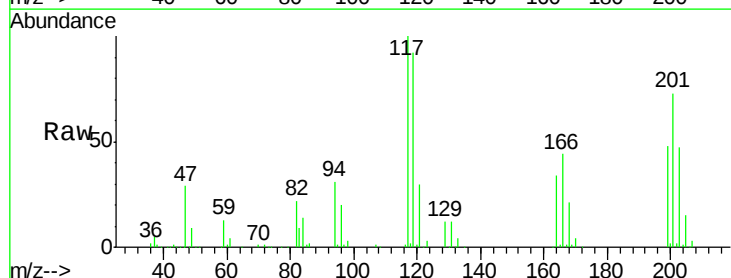
Tgt Ion:117 Resp: 169520

Ion Ratio Lower Upper

117 100

119 92.4 78.1 117.1

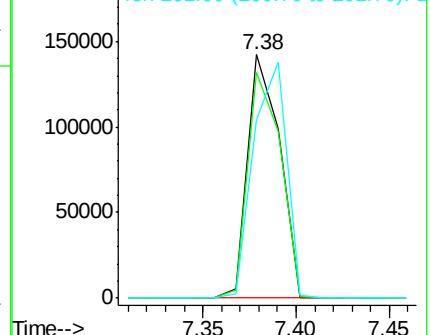
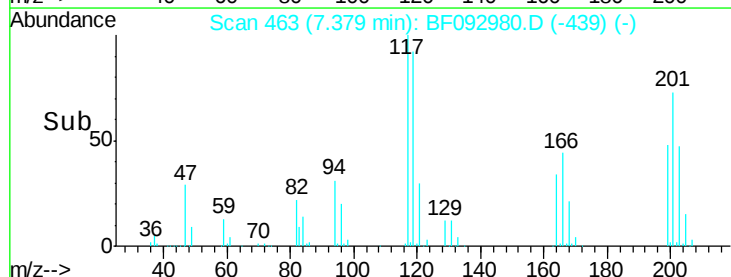
201 73.1 78.6 117.8#

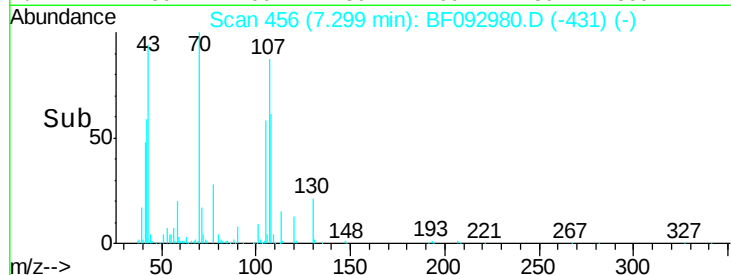
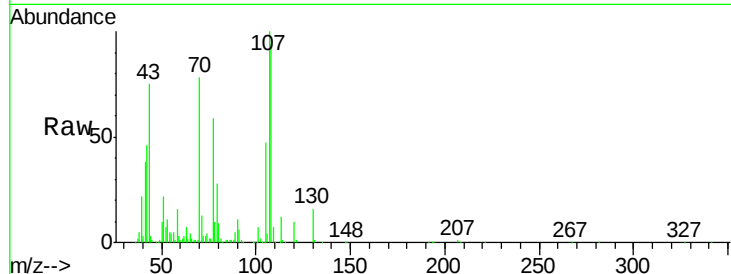


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

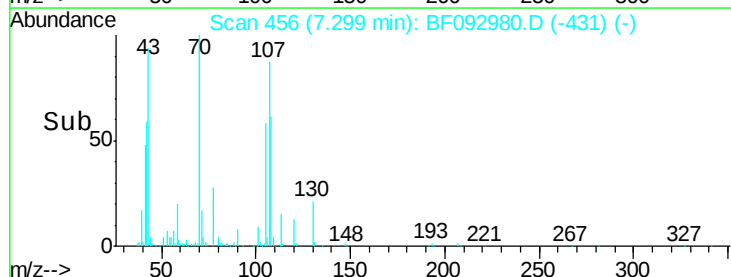
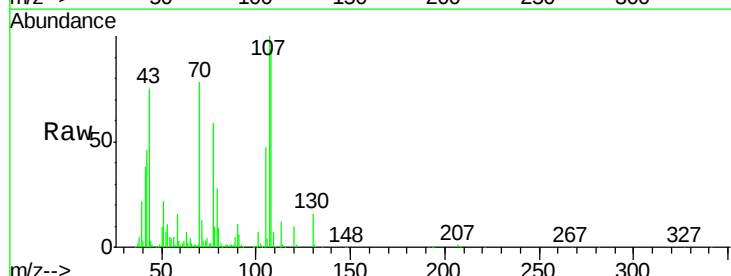
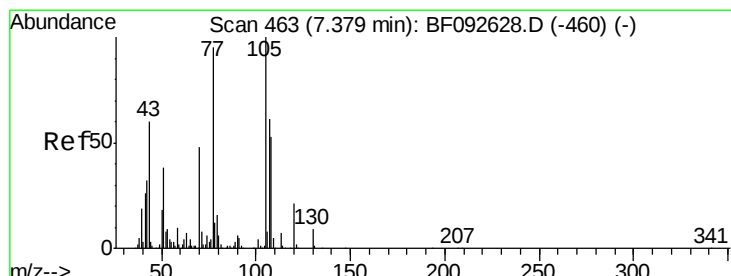
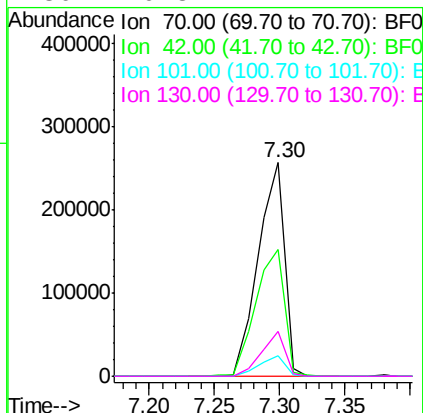




#19
n-Nitroso-di-n-propylamine
Concen: 51.13 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

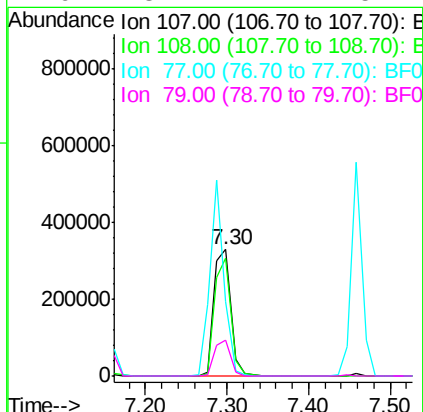
Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MSD

Tgt Ion:	70	Resp:	363263
Ion	Ratio	Lower	Upper
70	100		
42	59.3	49.4	74.0
101	9.4	7.4	11.2
130	20.8	14.2	21.4



#20
3+4-Methylphenols
Concen: 48.23 ng
RT: 7.30 min Scan# 456
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Tgt Ion:	107	Resp:	473443
Ion	Ratio	Lower	Upper
107	100		
108	93.9	73.0	113.0
77	59.3	71.3	111.3#
79	28.2	11.1	51.1

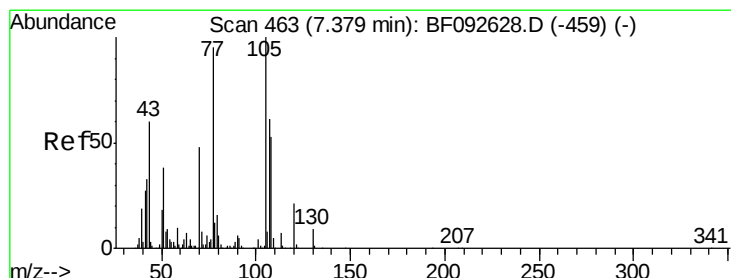
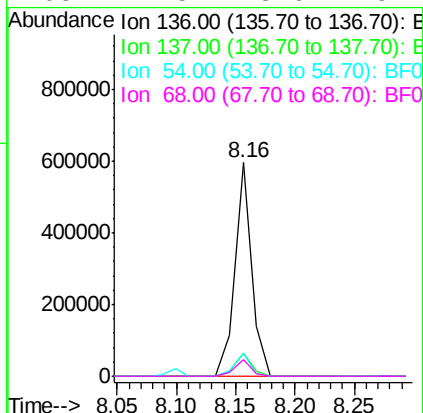
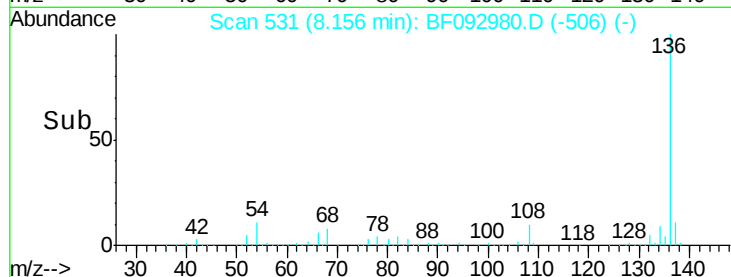
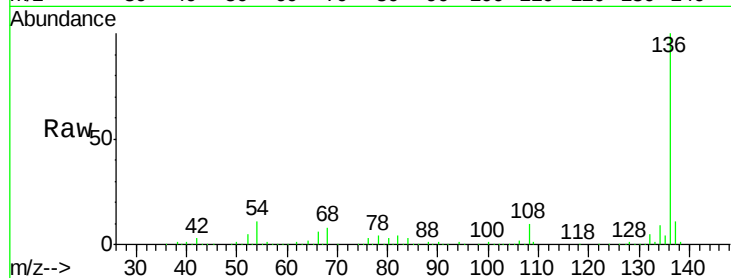




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.16 min Scan# 531
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

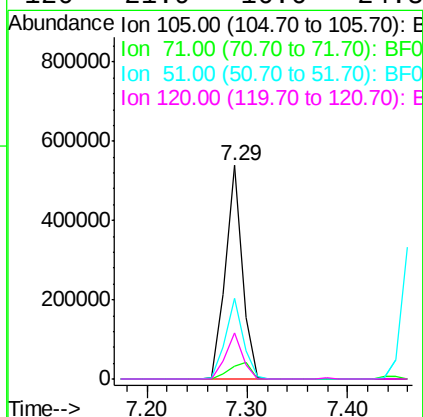
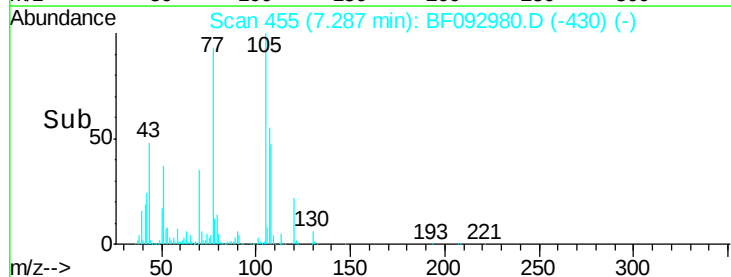
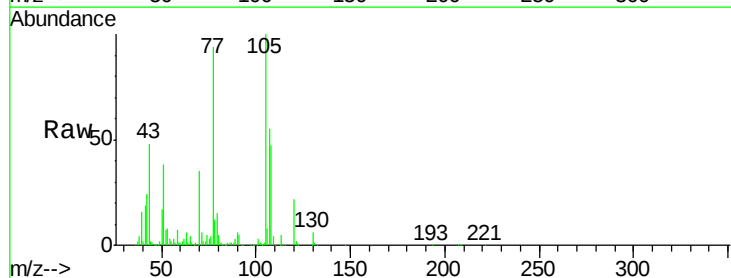
Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MSD

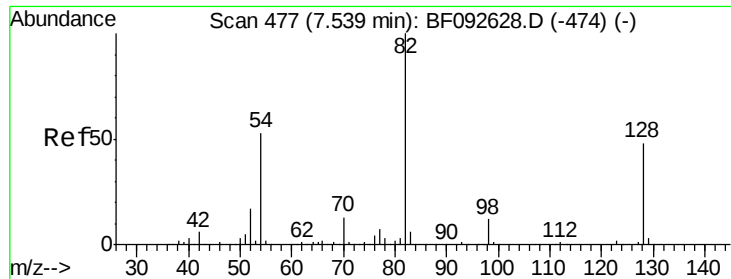
Tgt Ion:	136	Resp:	586829
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.4	12.6
54	10.9	4.5	6.7#
68	7.5	3.6	5.4#



#22
Acetophenone
Concen: 47.07 ng
RT: 7.29 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Tgt Ion:	105	Resp:	630647
Ion Ratio	Lower	Upper	
105	100		
71	6.0	3.2	4.8#
51	37.6	26.2	39.4
120	21.9	16.6	24.8

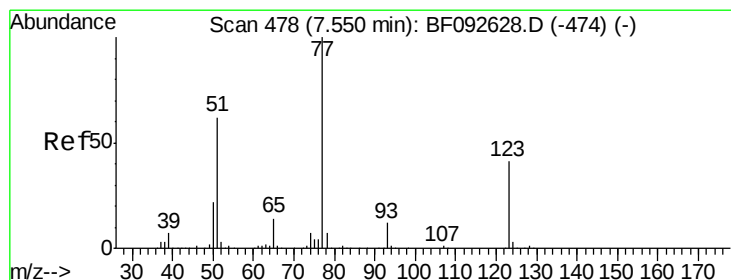
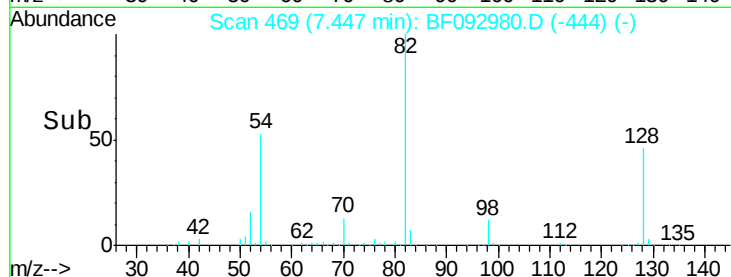
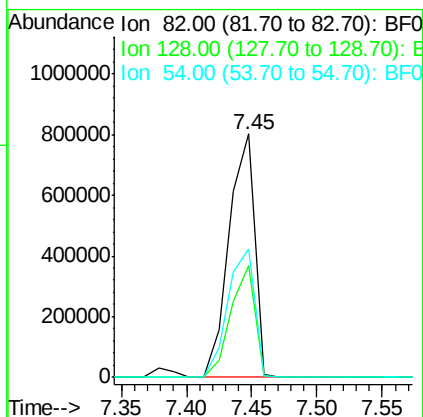
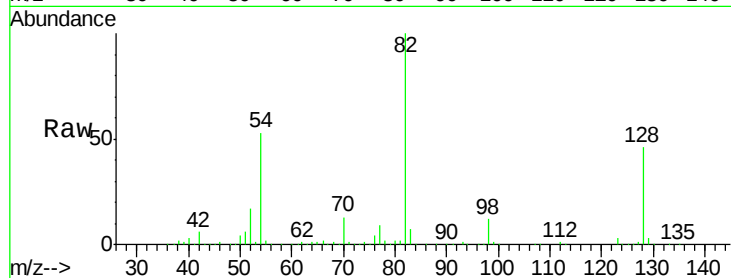




#23
 Nitrobenzene-d5
 Concen: 103.10 ng
 RT: 7.45 min Scan# 469
 Delta R.T. -0.01 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

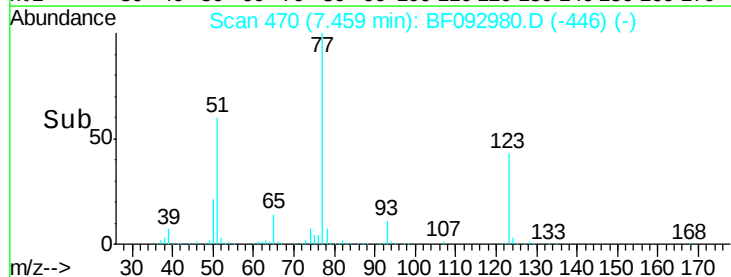
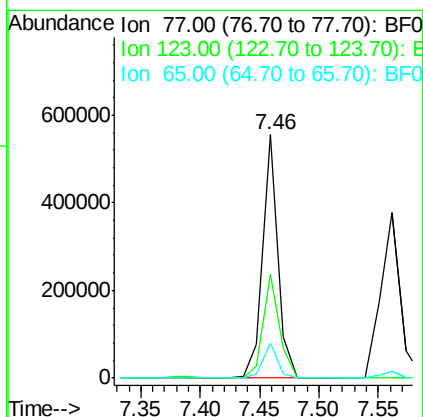
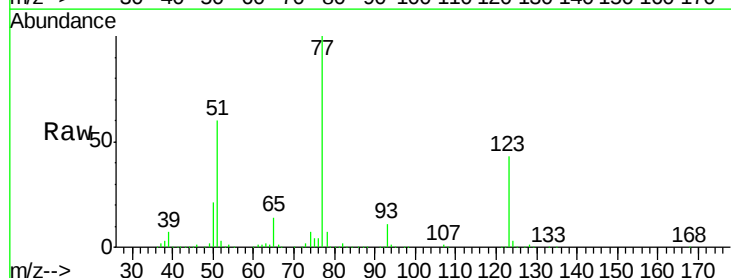
Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MSD

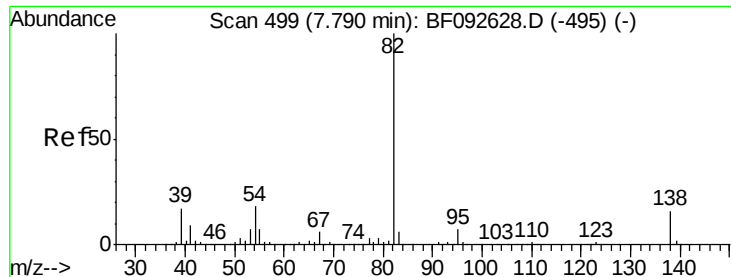
Tgt Ion: 82 Resp: 1086510
 Ion Ratio Lower Upper
 82 100
 128 46.0 34.6 52.0
 54 52.9 39.5 59.3



#24
 Nitrobenzene
 Concen: 46.30 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.02 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Tgt Ion: 77 Resp: 501022
 Ion Ratio Lower Upper
 77 100
 123 42.8 33.0 49.4
 65 14.3 11.2 16.8





#25

Isophorone

Concen: 49.02 ng

RT: 7.70 min Scan# 491

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MSD

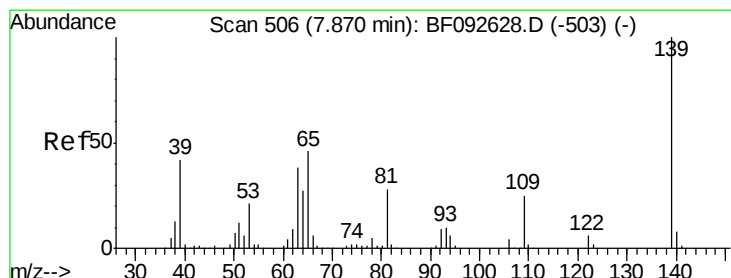
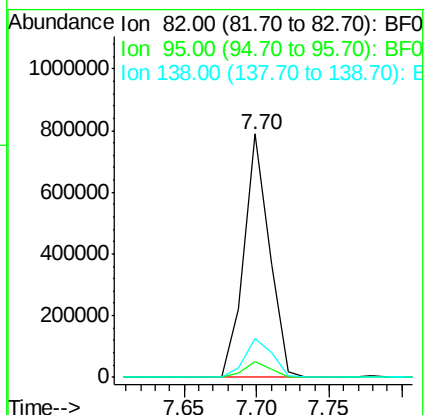
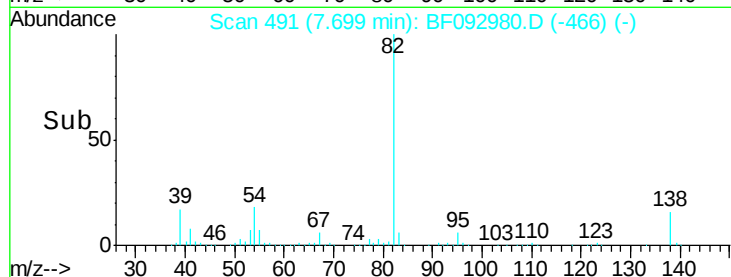
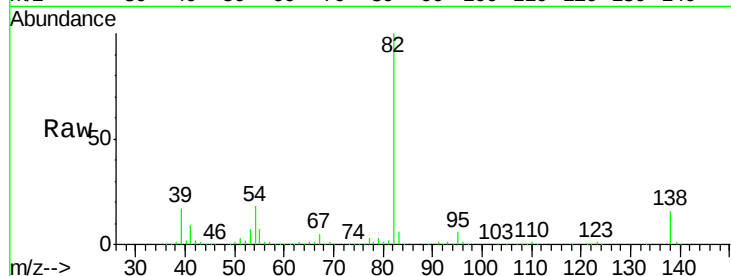
Tgt Ion: 82 Resp: 962680

Ion Ratio Lower Upper

82 100

95 6.4 5.6 8.4

138 16.0 14.6 22.0



#26

2-Nitrophenol

Concen: 54.85 ng

RT: 7.78 min Scan# 498

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

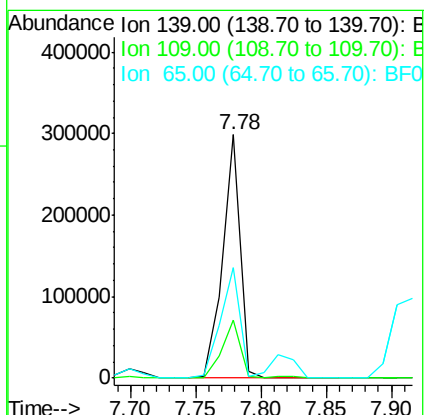
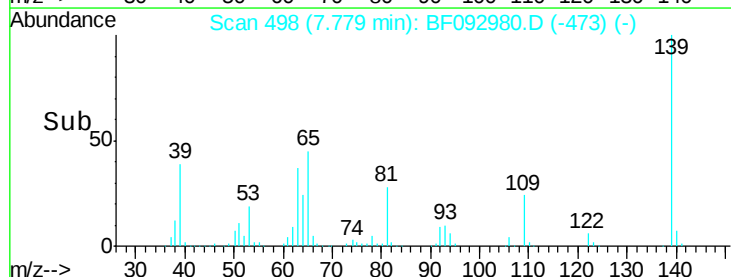
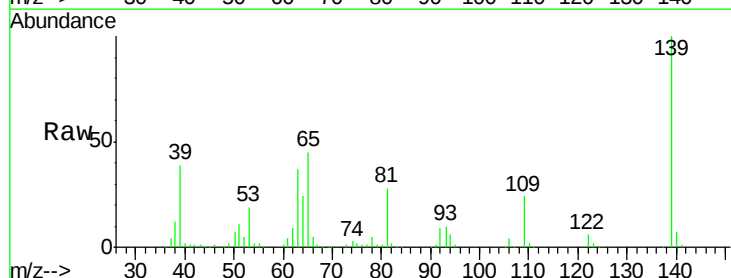
Tgt Ion: 139 Resp: 282115

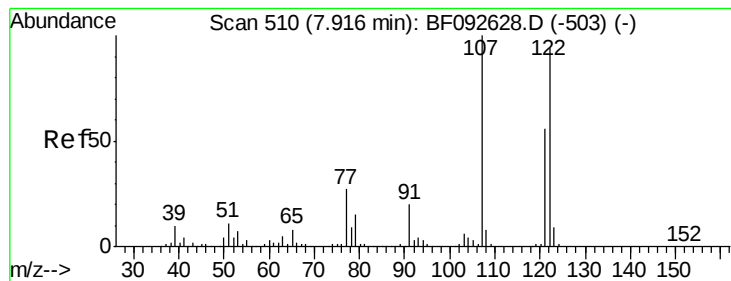
Ion Ratio Lower Upper

139 100

109 24.0 23.3 34.9

65 45.5 42.7 64.1





#27

2,4-Dimethylphenol

Concen: 50.42 ng

RT: 7.82 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MSD

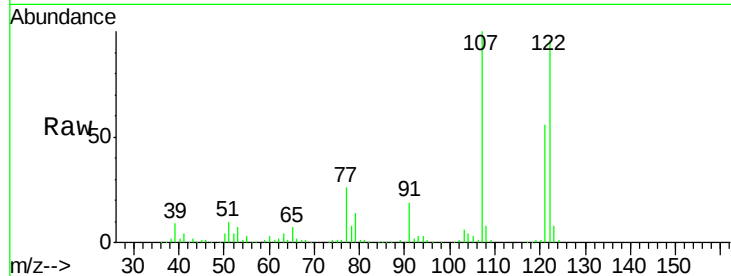
Tgt Ion:122 Resp: 455486

Ion Ratio Lower Upper

122 100

107 104.2 94.1 141.1

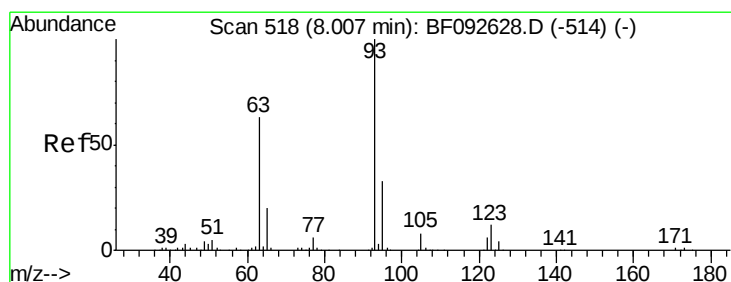
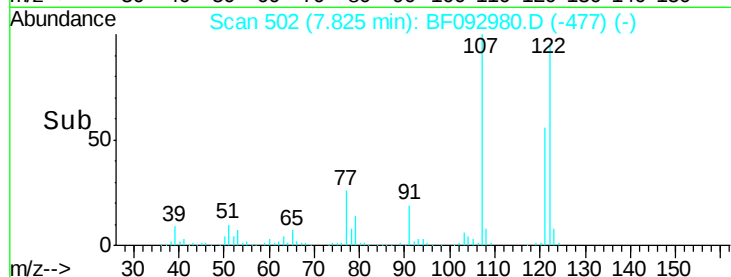
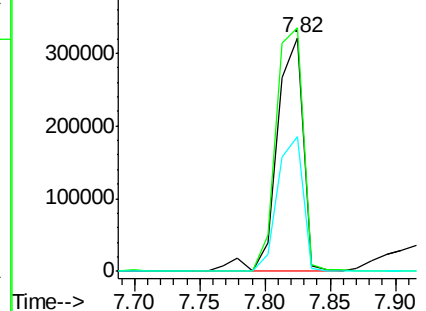
121 57.9 46.0 69.0



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: 49.62 ng

RT: 7.92 min Scan# 510

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

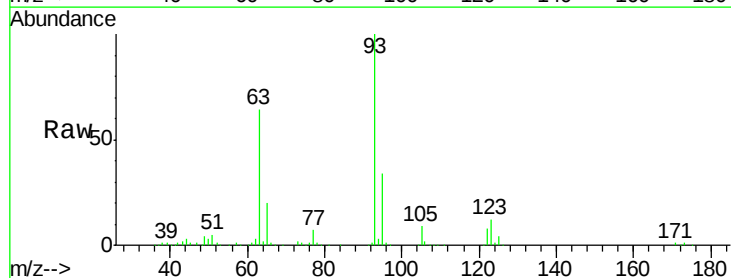
Tgt Ion: 93 Resp: 645306

Ion Ratio Lower Upper

93 100

95 33.6 26.5 39.7

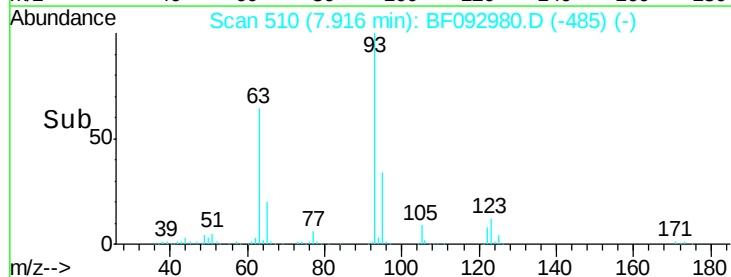
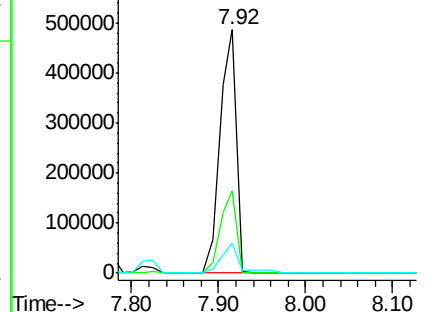
123 12.4 8.6 13.0

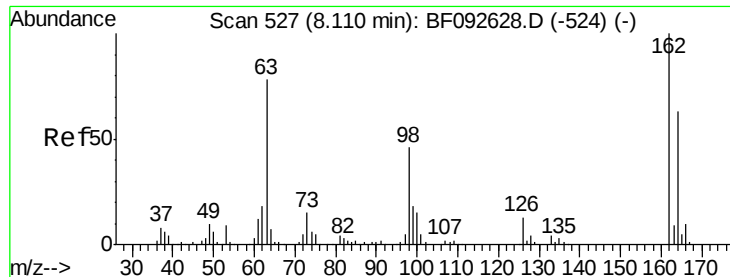


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

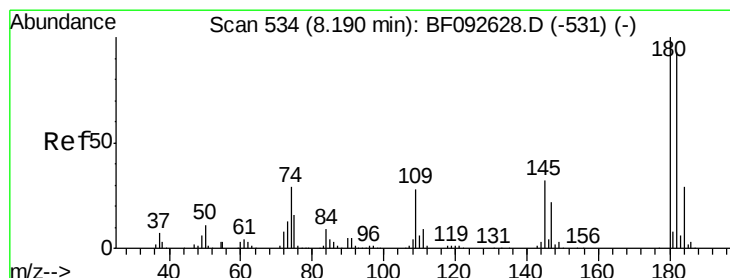
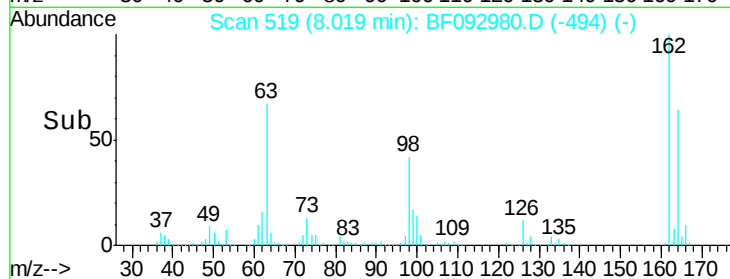
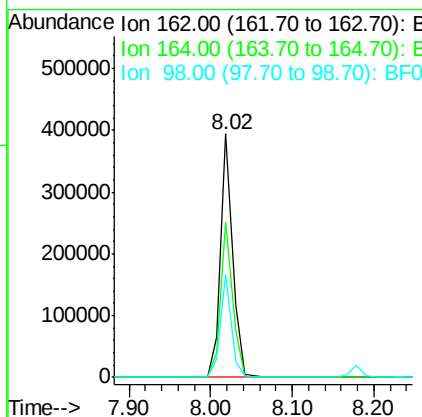
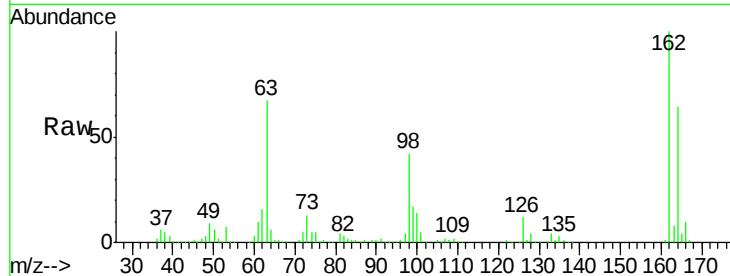




#29
 2,4-Dichlorophenol
 Concen: 47.82 ng
 RT: 8.02 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

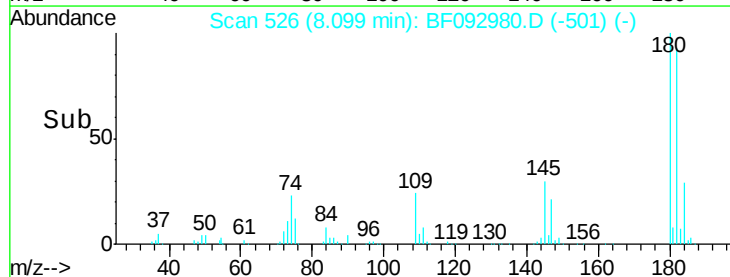
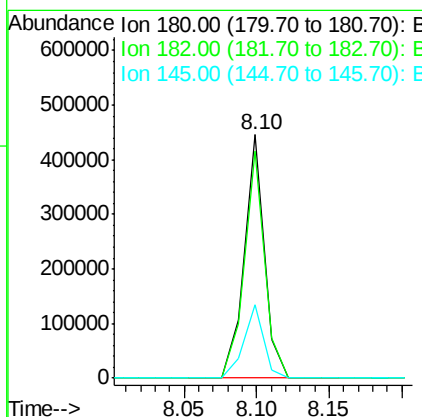
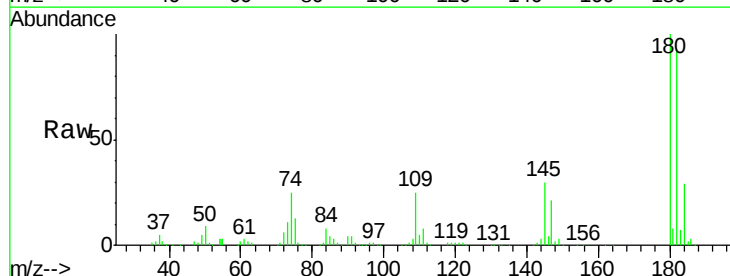
Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MSD

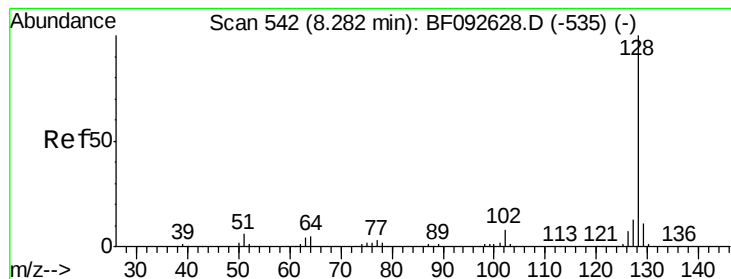
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.7	46.8	86.8
98	42.0	9.1	49.1



#30
 1,2,4-Trichlorobenzene
 Concen: 47.43 ng
 RT: 8.10 min Scan# 526
 Delta R.T. -0.01 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.1	78.2	117.4
145	30.3	21.6	32.4





#31

Naphthalene

Concen: 44.35 ng

RT: 8.18 min Scan# 533

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MSD

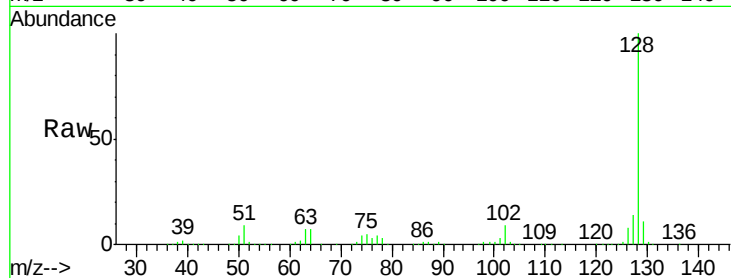
Tgt Ion:128 Resp: 1319444

Ion Ratio Lower Upper

128 100

129 11.4 9.5 14.3

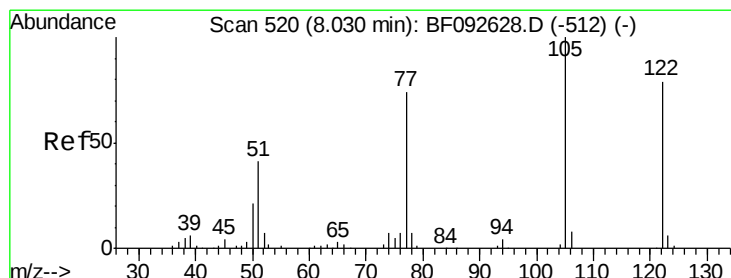
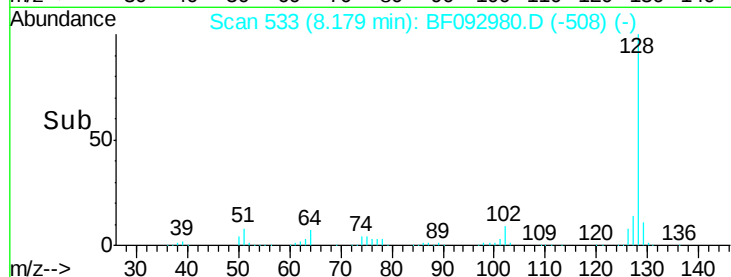
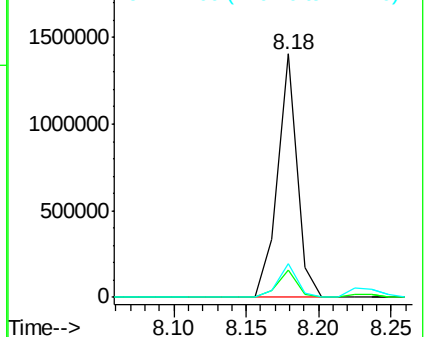
127 13.7 10.8 16.2



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: 52.73 ng

RT: 7.95 min Scan# 513

Delta R.T. -0.02 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

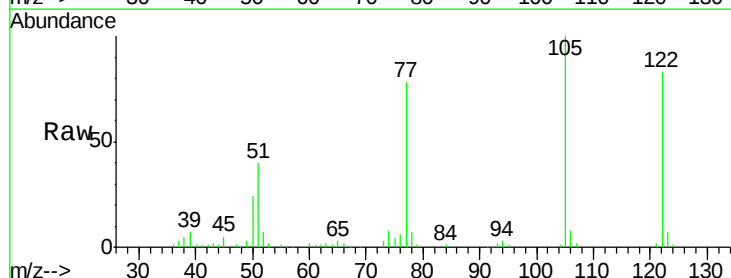
Tgt Ion:122 Resp: 274152

Ion Ratio Lower Upper

122 100

105 120.0 107.2 147.2

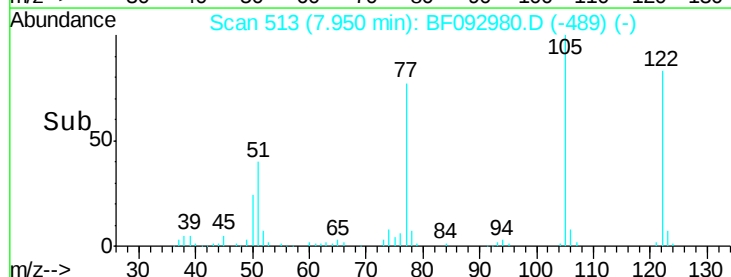
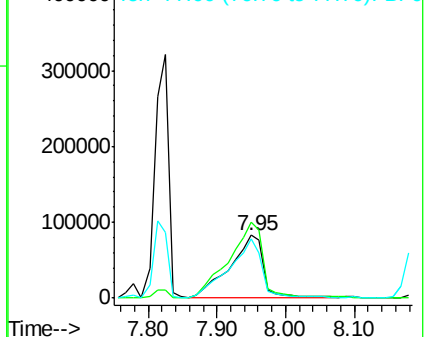
77 93.7 74.5 114.5



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

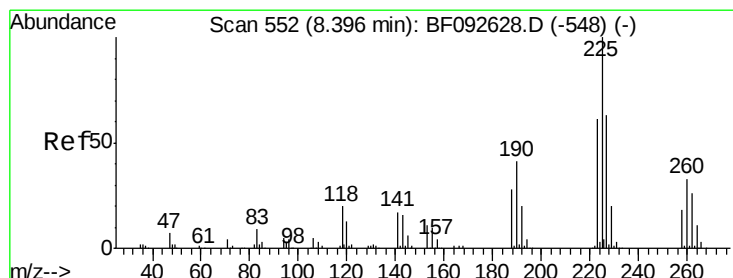
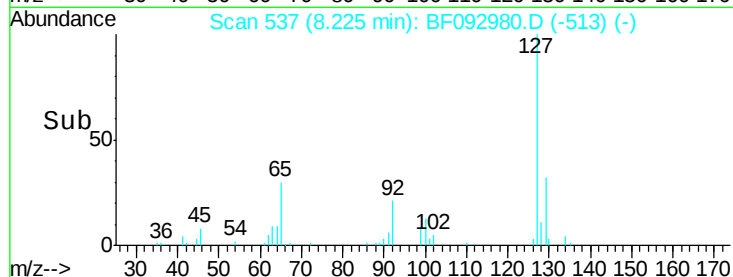
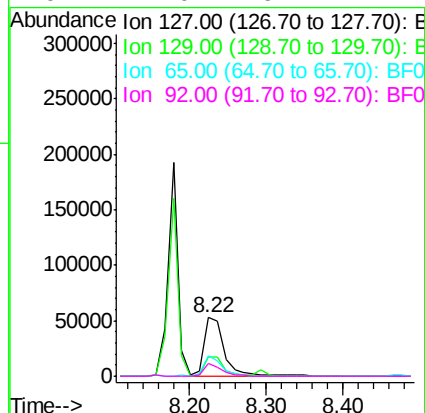
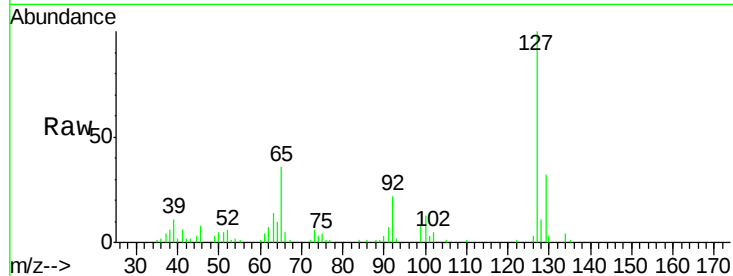




#33
4-Chloroaniline
Concen: 8.22 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.02 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

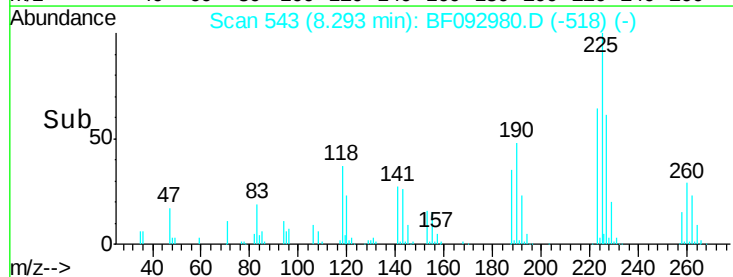
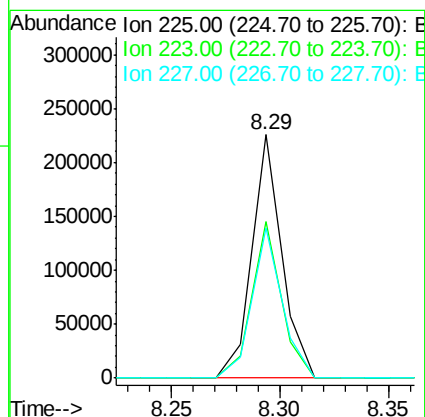
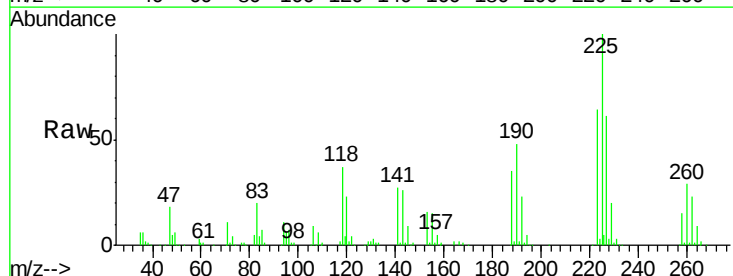
Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MSD

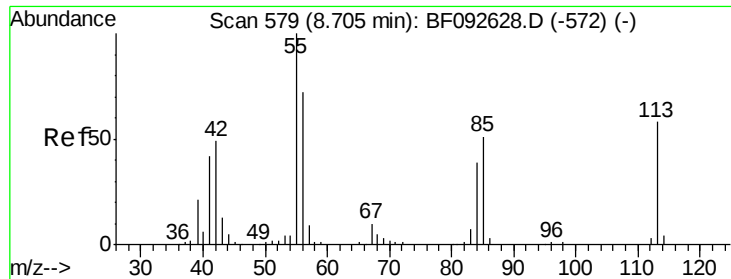
Tgt Ion:	127	Resp:	95882
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.3	39.5
65	36.1	25.8	38.8
92	22.0	16.1	24.1



#34
Hexachlorobutadiene
Concen: 43.10 ng
RT: 8.29 min Scan# 543
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Tgt Ion:	225	Resp:	215297
Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.0	76.6
227	61.5	50.6	76.0

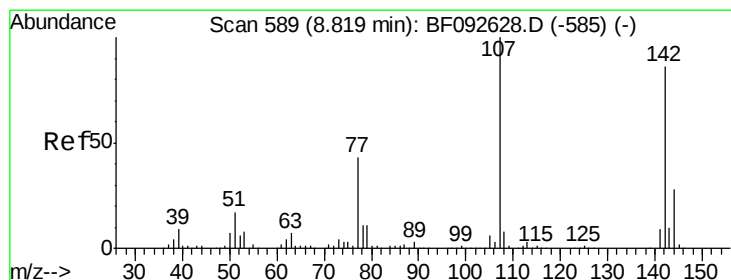
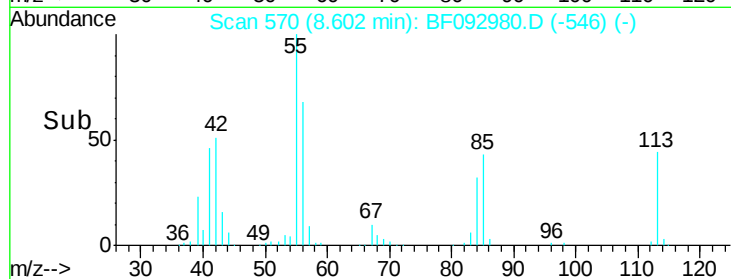
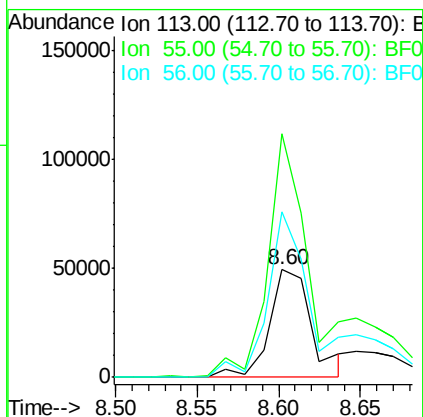
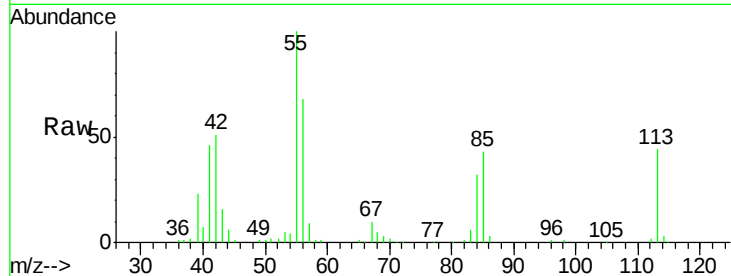




#35
 Caprolactam
 Concen: 33.96 ng
 RT: 8.60 min Scan# 570
 Delta R.T. -0.02 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

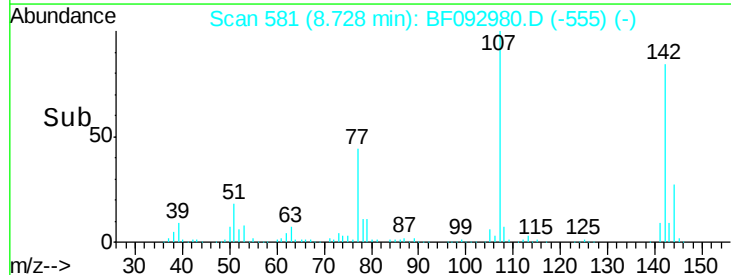
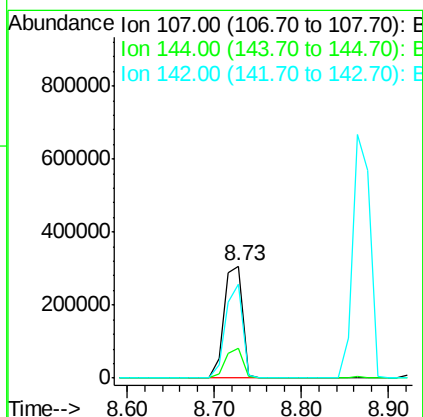
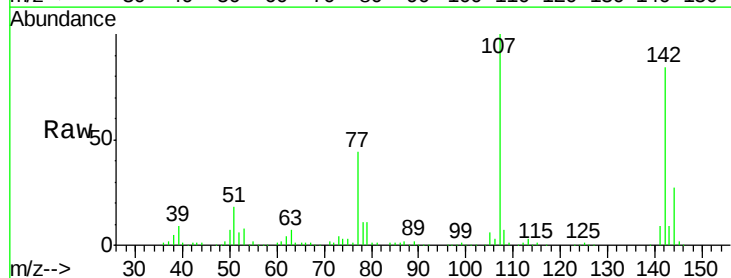
Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MSD

Tgt Ion:113 Resp: 89987
 Ion Ratio Lower Upper
 113 100
 55 226.0 119.2 159.2#
 56 153.2 83.8 123.8#



#36
 4-Chloro-3-methylphenol
 Concen: 52.10 ng
 RT: 8.73 min Scan# 581
 Delta R.T. 0.00 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Tgt Ion:107 Resp: 457586
 Ion Ratio Lower Upper
 107 100
 144 26.8 19.3 28.9
 142 83.7 59.0 88.6

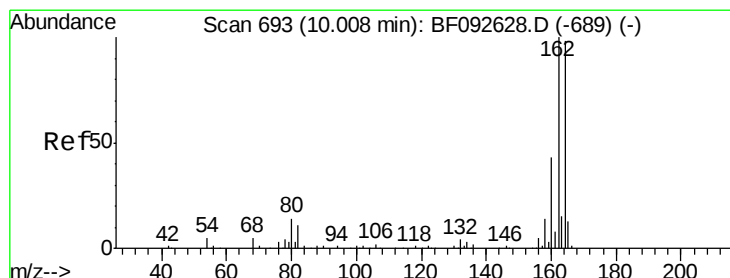
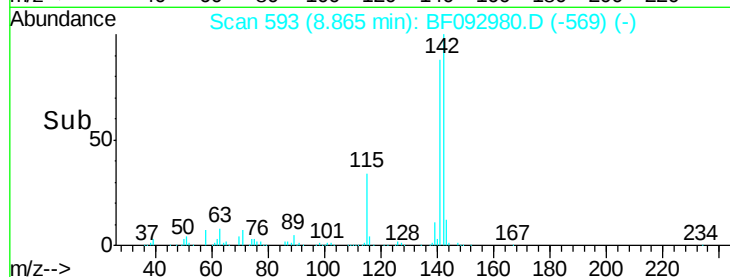
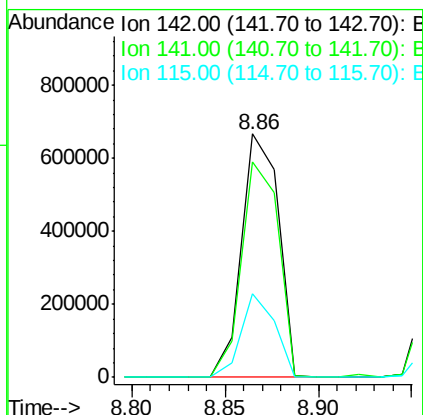
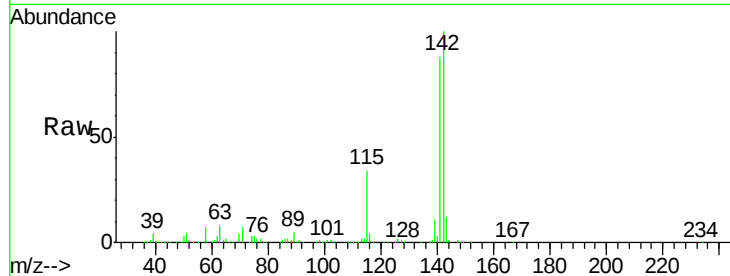




#37
 2-Methylnaphthalene
 Concen: 48.66 ng
 RT: 8.86 min Scan# 593
 Delta R.T. -0.02 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

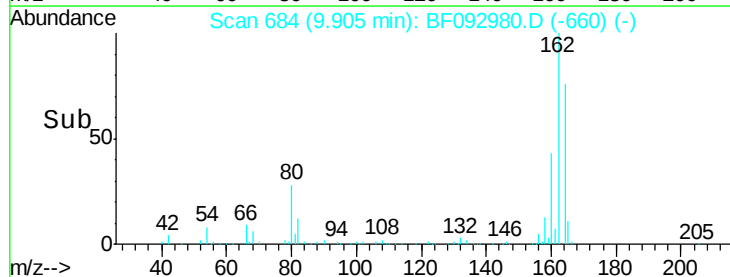
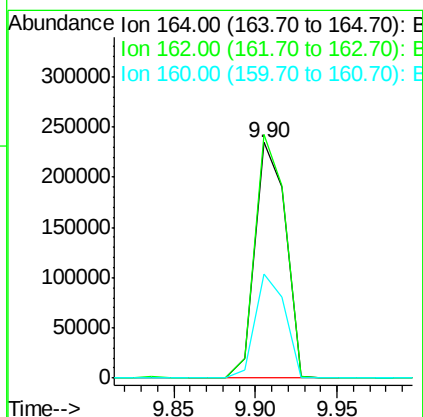
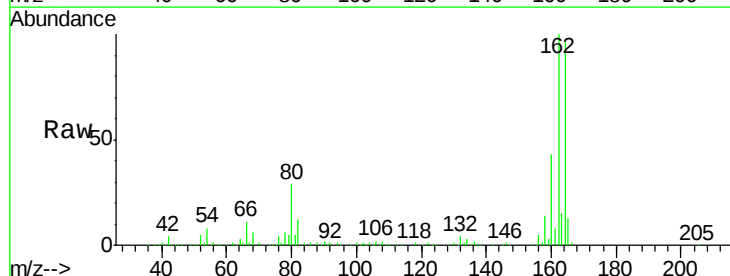
Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MSD

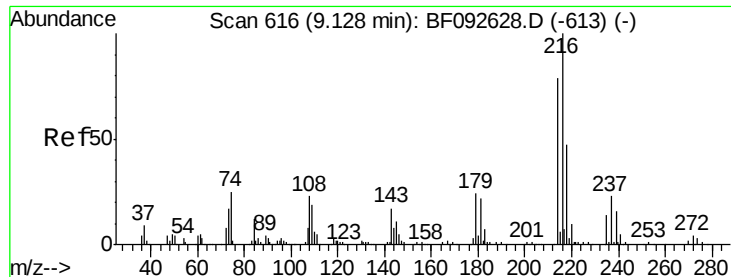
Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.0	106.6
115	34.1	28.3	42.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.90 min Scan# 684
 Delta R.T. -0.02 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.3	80.2	120.2
160	44.1	36.9	55.3

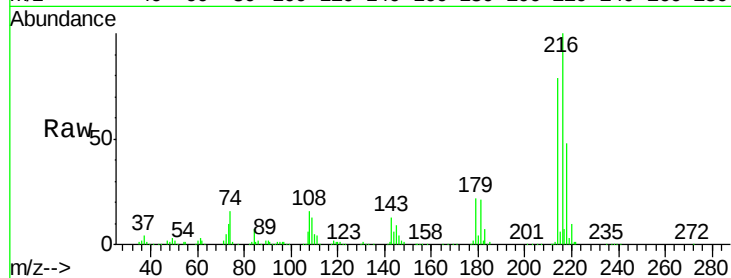




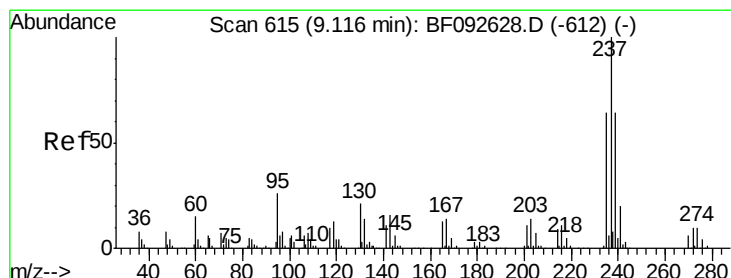
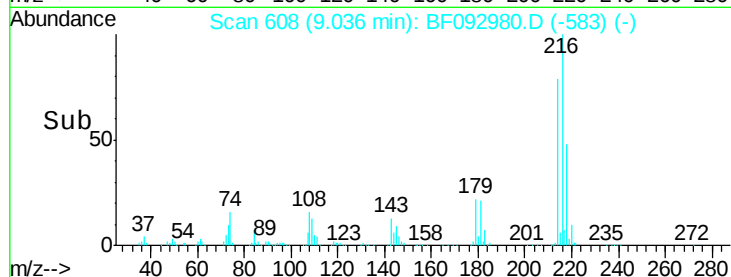
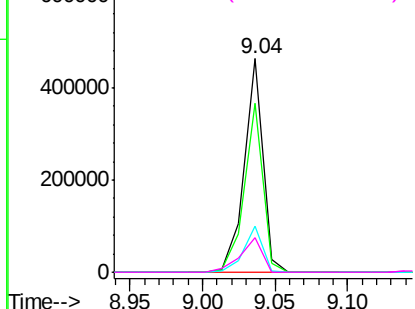
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.95 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.01 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MSD

Tgt Ion:	216	Resp:	413328
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.0
179	21.8	17.4	26.2
108	19.6	15.6	23.4

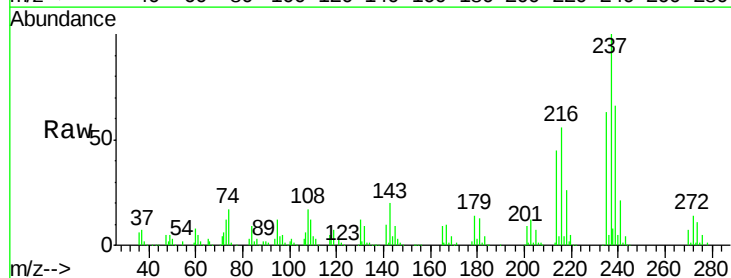


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

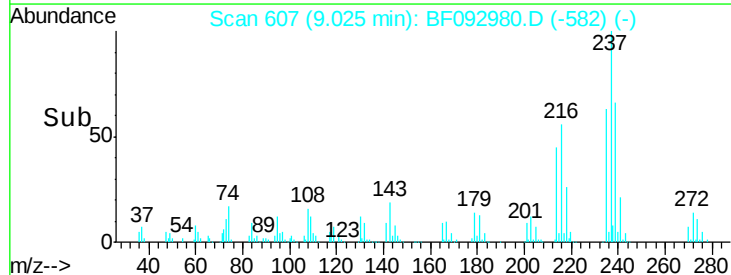
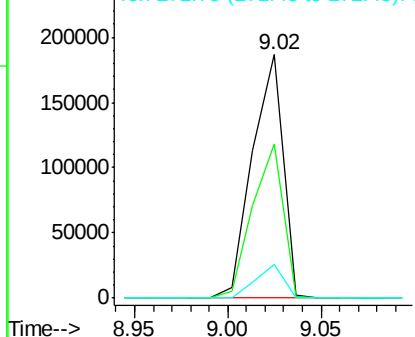


#40
 Hexachlorocyclopentadiene
 Concen: 54.58 ng
 RT: 9.02 min Scan# 607
 Delta R.T. -0.01 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Tgt Ion:	237	Resp:	212281
Ion	Ratio	Lower	Upper
237	100		
235	63.2	41.2	81.2
272	13.7	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

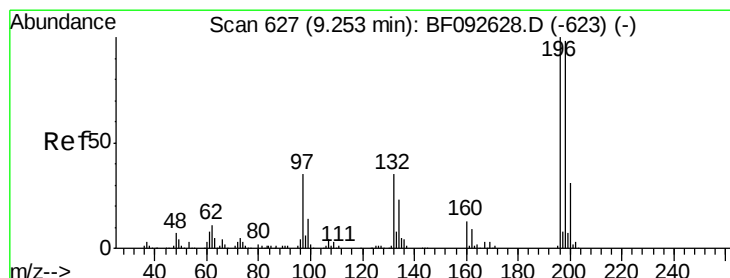
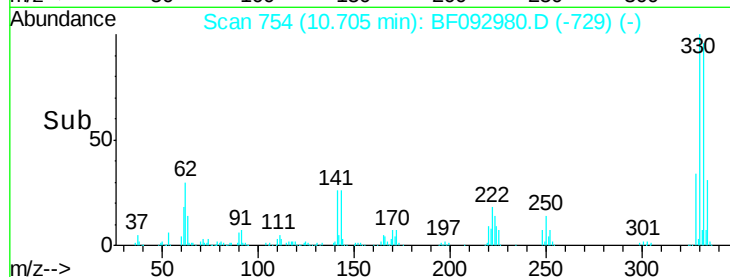
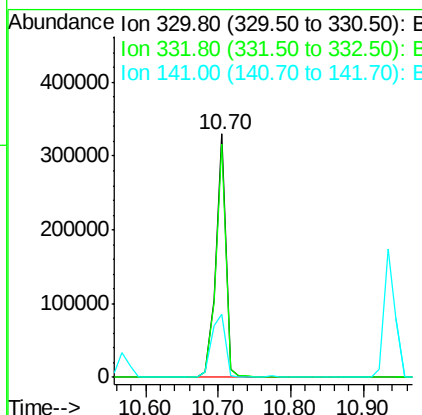
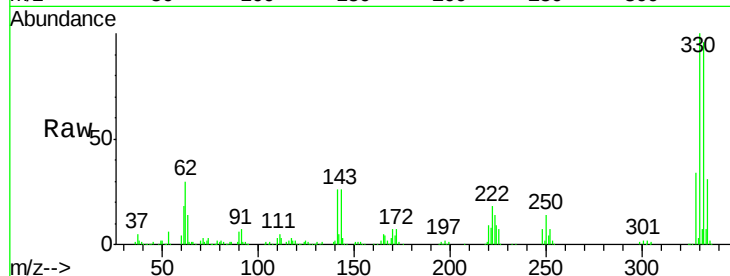




#41
 2,4,6-Tribromophenol
 Concen: 143.07 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

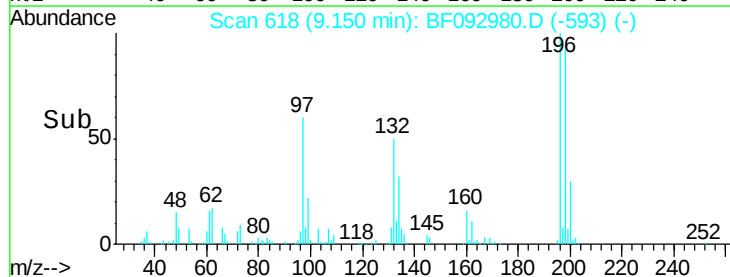
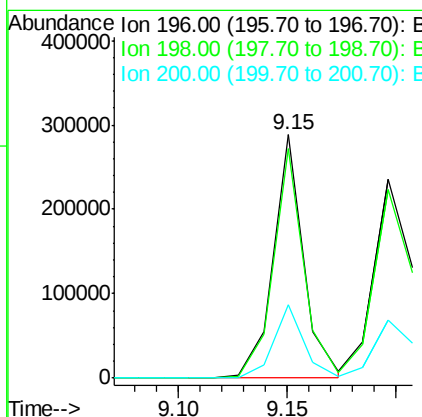
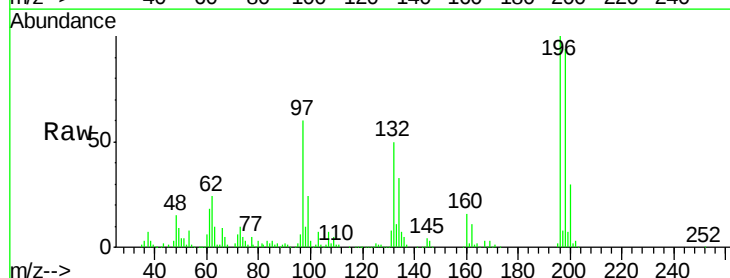
Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MSD

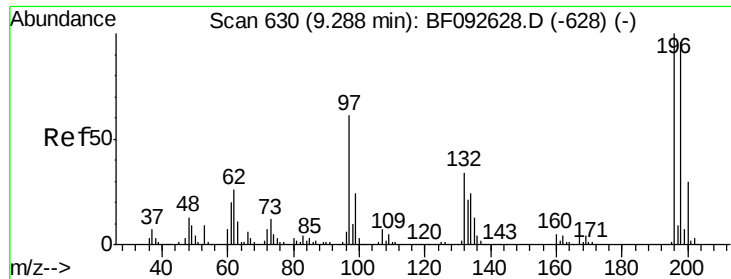
Tgt Ion:330 Resp: 317782
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.4 116.2
 141 36.0 34.1 51.1



#42
 2,4,6-Trichlorophenol
 Concen: 49.61 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.01 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Tgt Ion:196 Resp: 281011
 Ion Ratio Lower Upper
 196 100
 198 94.4 82.1 123.1
 200 30.3 27.0 40.4

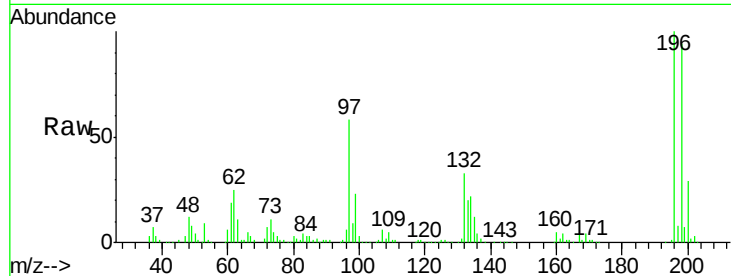




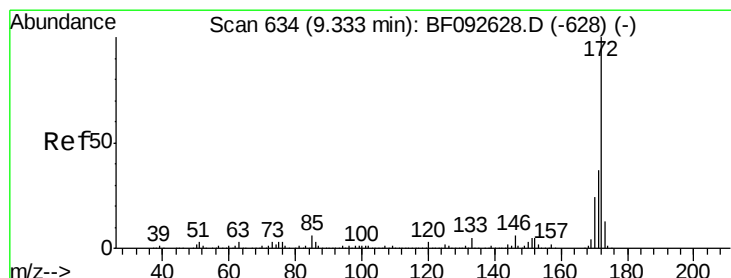
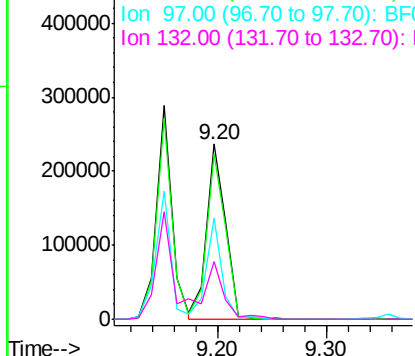
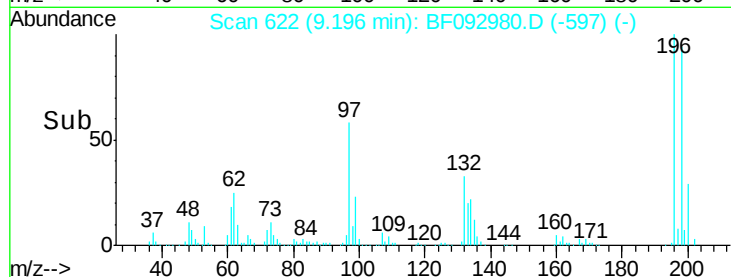
#43
 2,4,5-Trichlorophenol
 Concen: 46.37 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MSD

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	79.4	119.2
97	57.9	51.5	77.3
132	32.9	27.4	41.2

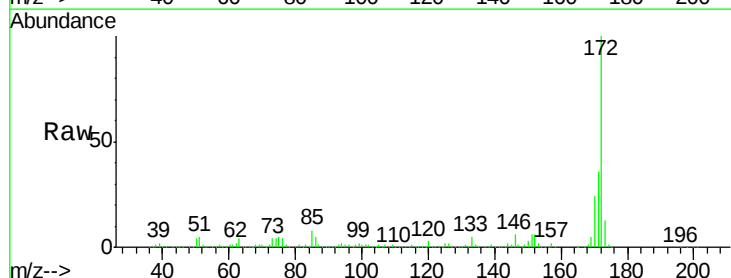


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

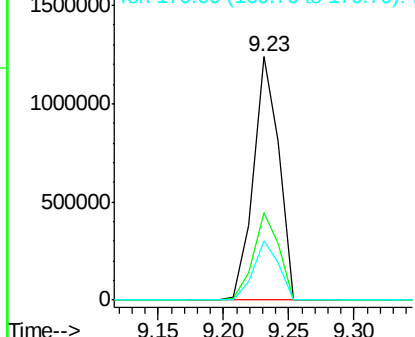
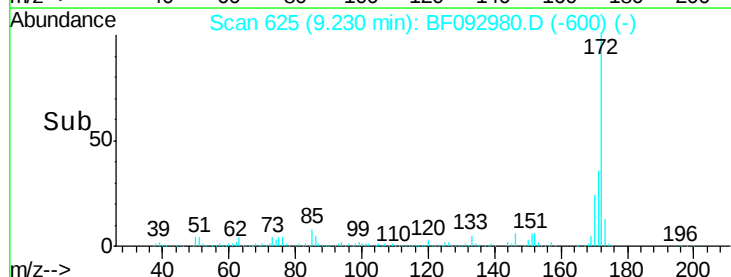


#44
 2-Fluorobiphenyl
 Concen: 99.21 ng
 RT: 9.23 min Scan# 625
 Delta R.T. -0.01 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	24.2	20.2	30.4



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





#45

1,1'-Biphenyl

Concen: 47.04 ng

RT: 9.33 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MSD

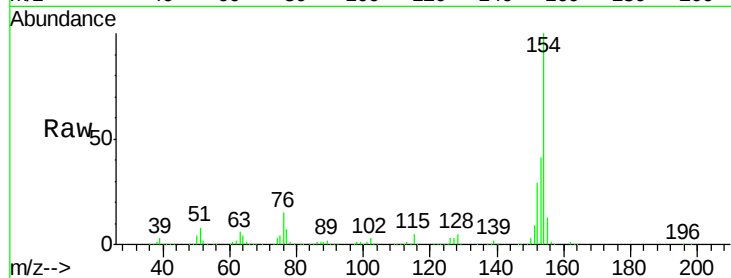
Tgt Ion:154 Resp: 1046068

Ion Ratio Lower Upper

154 100

153 40.9 20.9 60.9

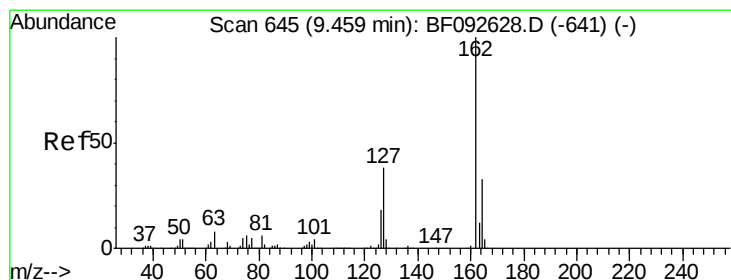
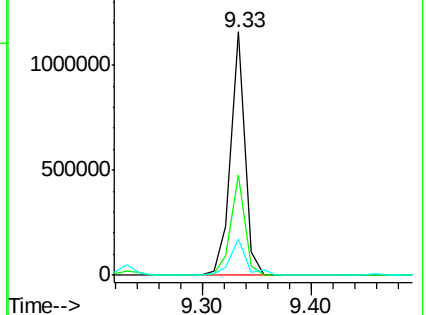
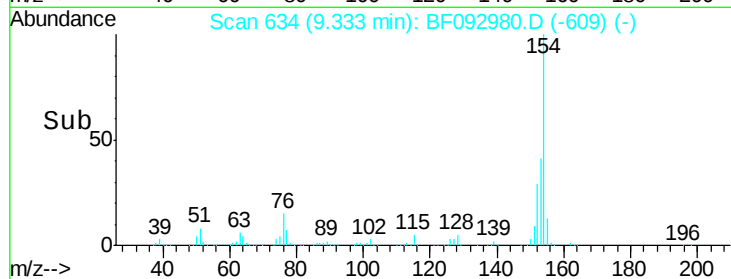
76 15.0 0.0 30.5



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 47.35 ng

RT: 9.36 min Scan# 636

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

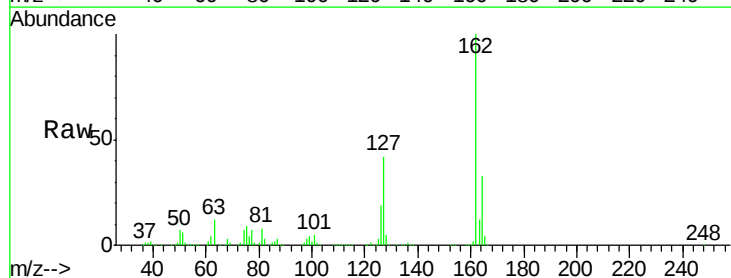
Tgt Ion:162 Resp: 823750

Ion Ratio Lower Upper

162 100

127 41.7 30.7 46.1

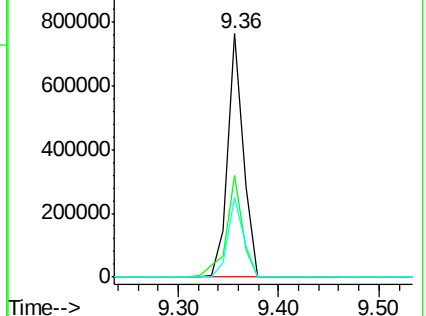
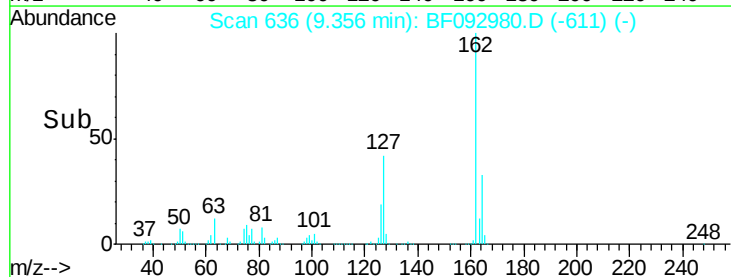
164 32.5 27.6 41.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

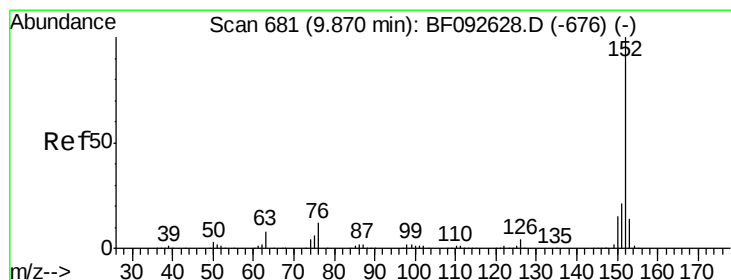
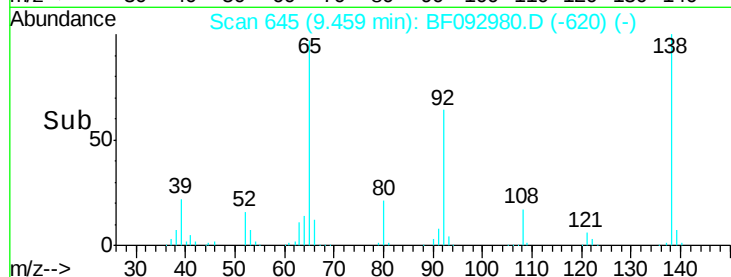
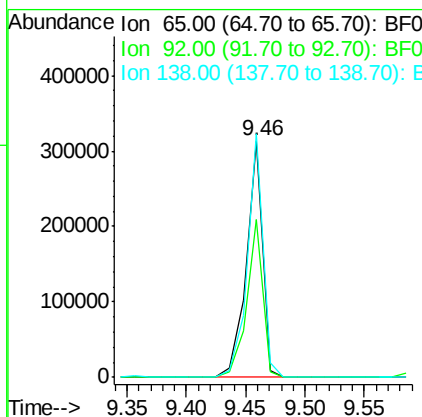
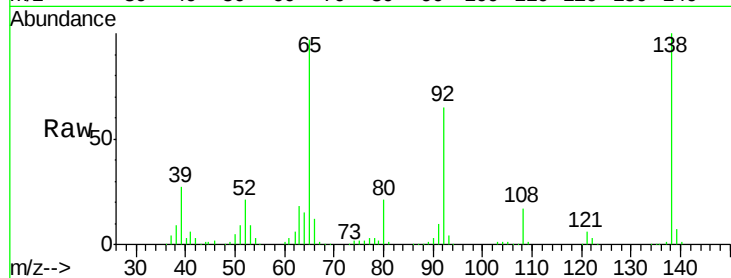




#47
2-Nitroaniline
Concen: 51.52 ng
RT: 9.46 min Scan# 645
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

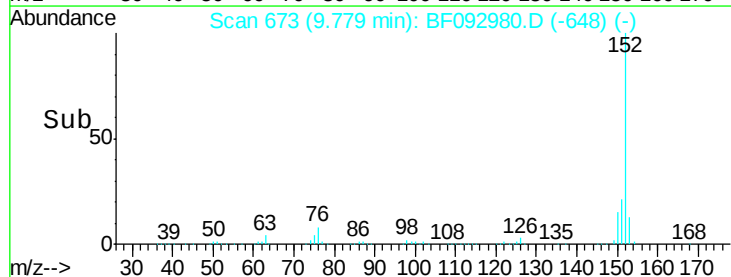
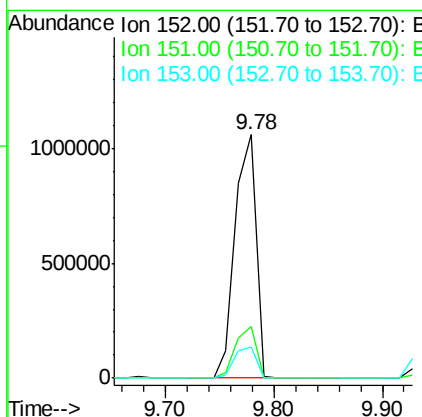
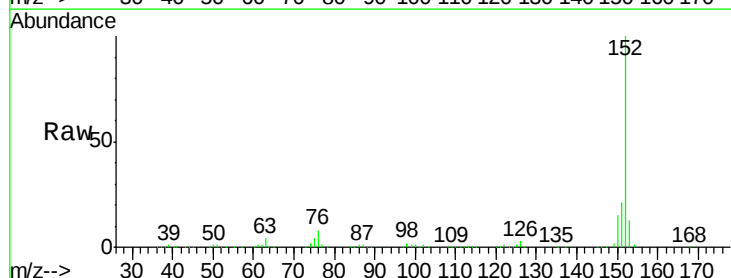
Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MSD

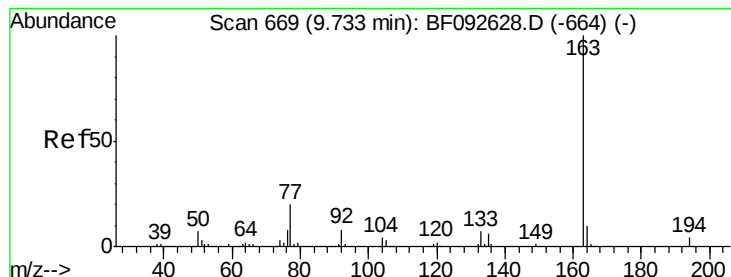
Tgt Ion: 65 Resp: 301311
Ion Ratio Lower Upper
65 100
92 66.6 53.9 80.9
138 103.1 76.8 115.2



#48
Acenaphthylene
Concen: 46.69 ng
RT: 9.78 min Scan# 673
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Tgt Ion: 152 Resp: 1403196
Ion Ratio Lower Upper
152 100
151 21.0 16.9 25.3
153 13.0 11.4 17.2





#49

Dimethylphthalate

Concen: 53.60 ng

RT: 9.64 min Scan# 661

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MSD

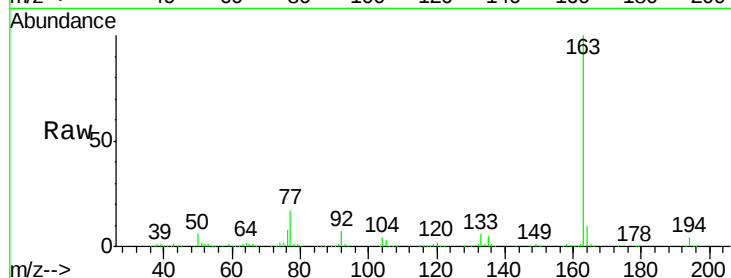
Tgt Ion:163 Resp: 1108681

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.4

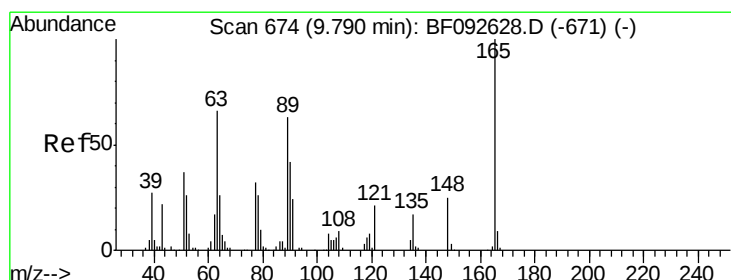
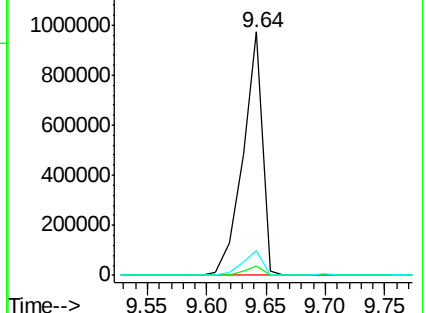
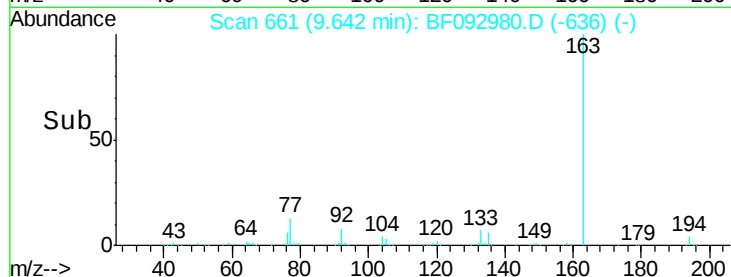
164 10.1 8.0 12.0



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: 47.61 ng

RT: 9.70 min Scan# 666

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

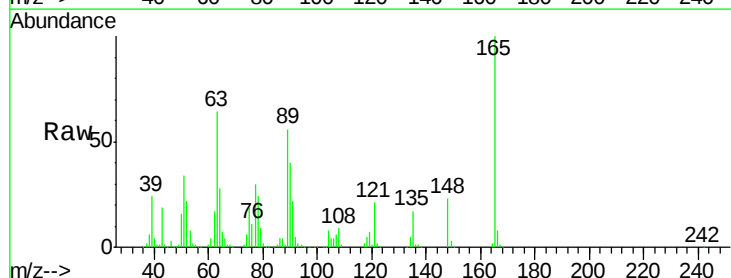
Tgt Ion:165 Resp: 212701

Ion Ratio Lower Upper

165 100

63 63.7 36.2 54.4#

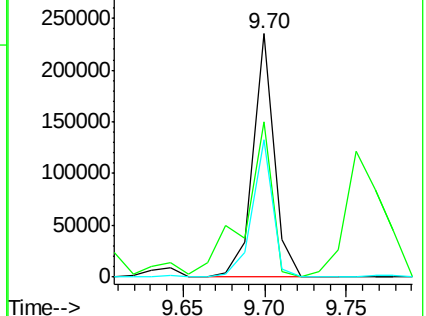
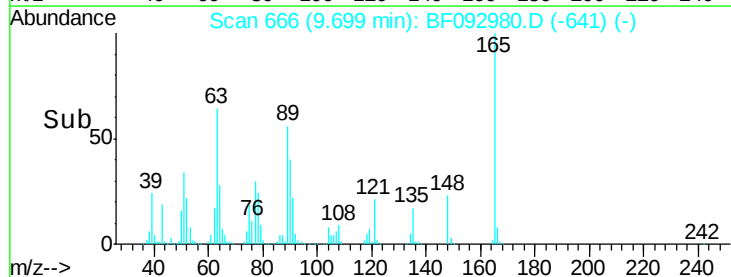
89 56.4 40.2 60.4



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 48.32 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.02 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MSD

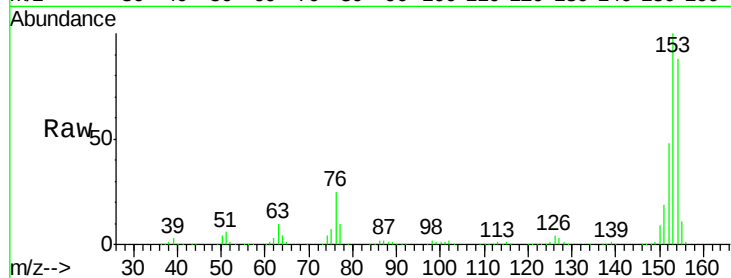
Tgt Ion:154 Resp: 868212

Ion Ratio Lower Upper

154 100

153 113.1 88.6 133.0

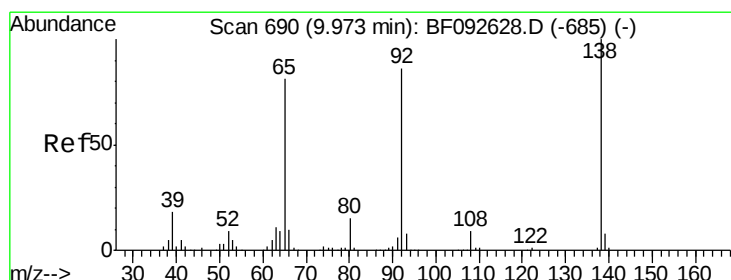
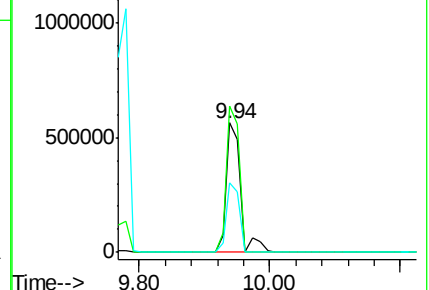
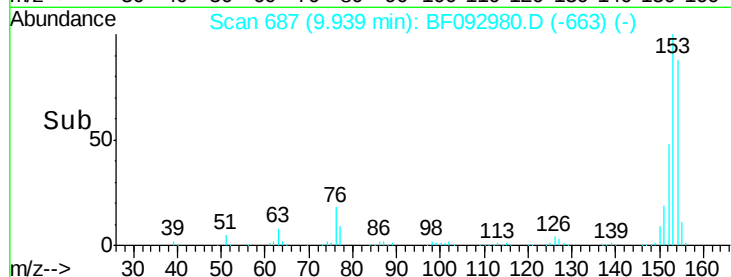
152 54.0 41.6 62.4



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: 13.40 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

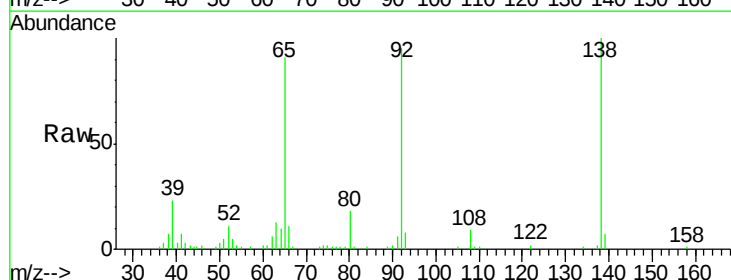
Tgt Ion:138 Resp: 68526

Ion Ratio Lower Upper

138 100

108 9.2 8.5 12.7

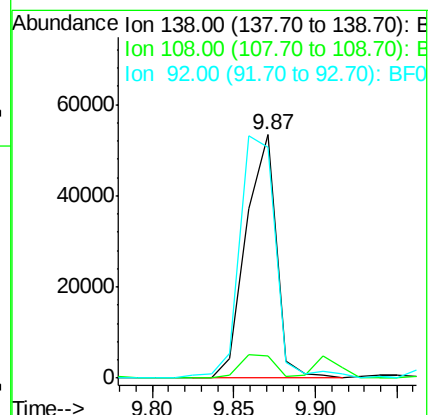
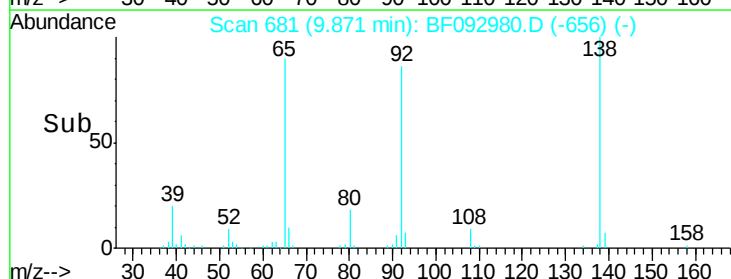
92 94.8 97.8 146.8#

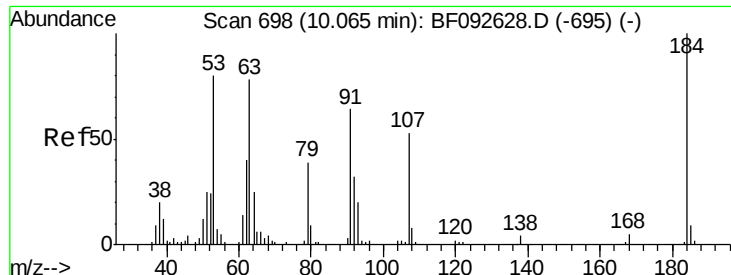


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

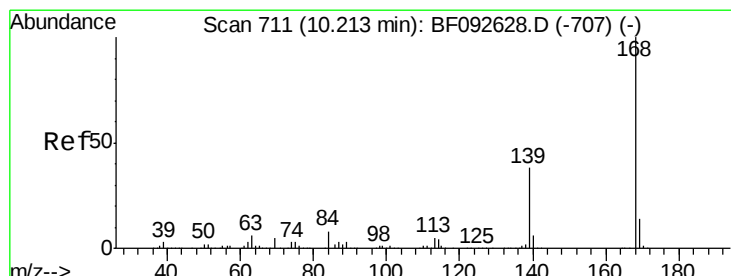
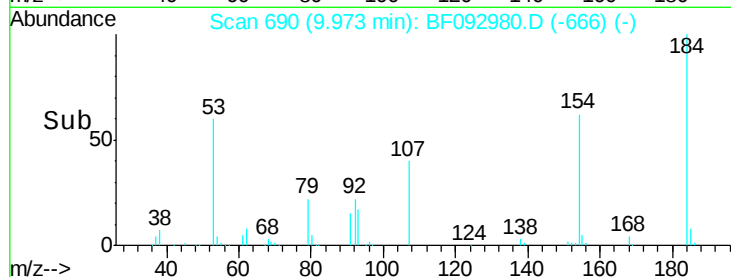
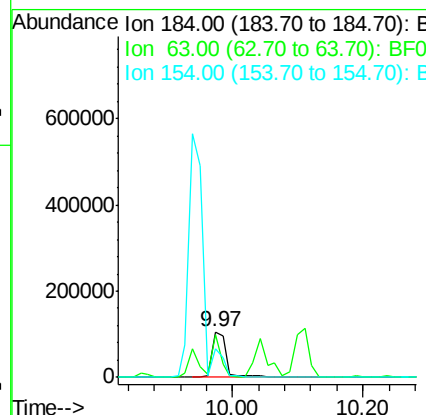
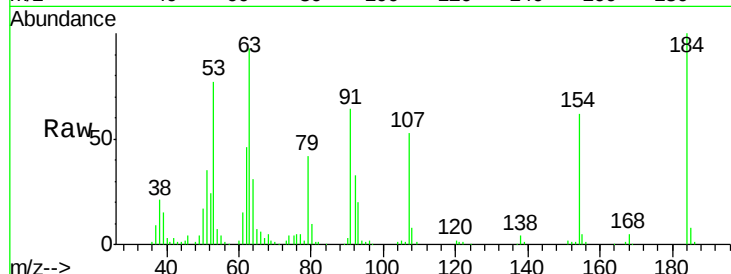




#53
 2,4-Dinitrophenol
 Concen: 70.28 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.02 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

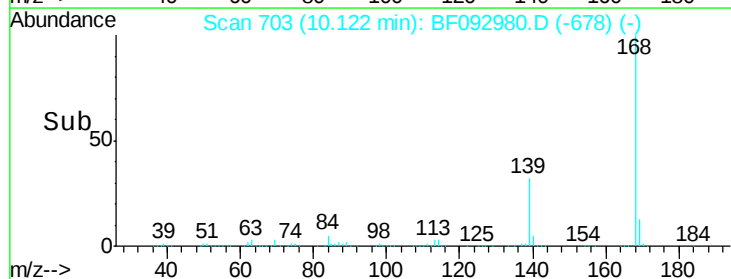
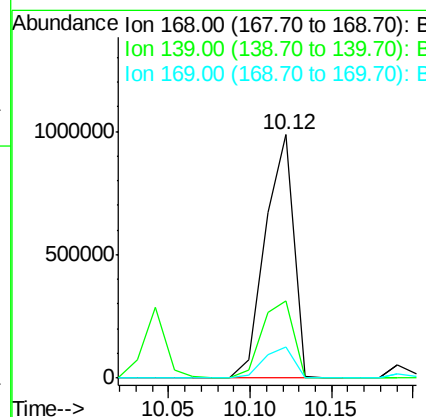
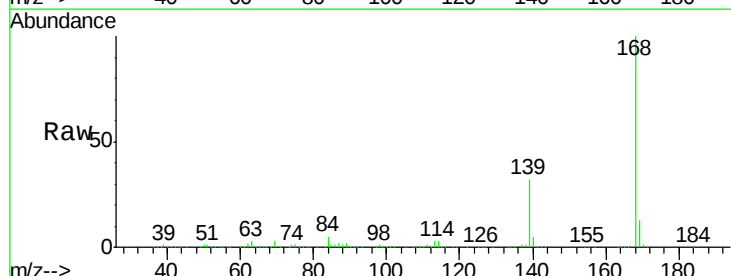
Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MSD

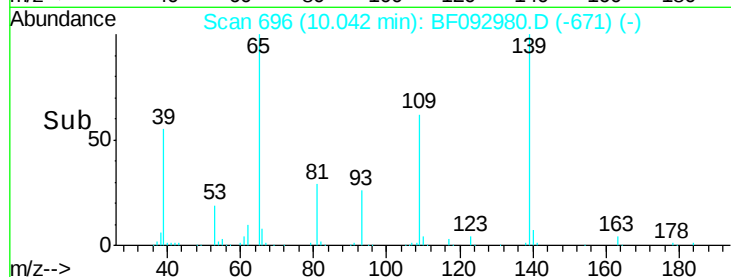
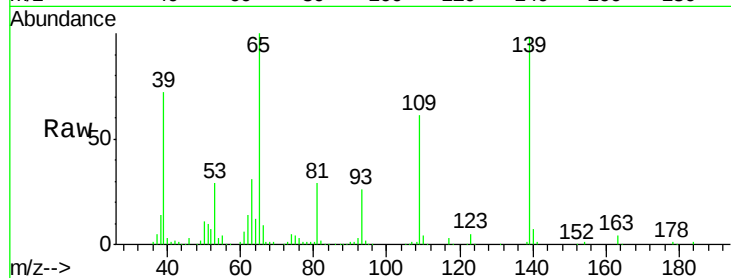
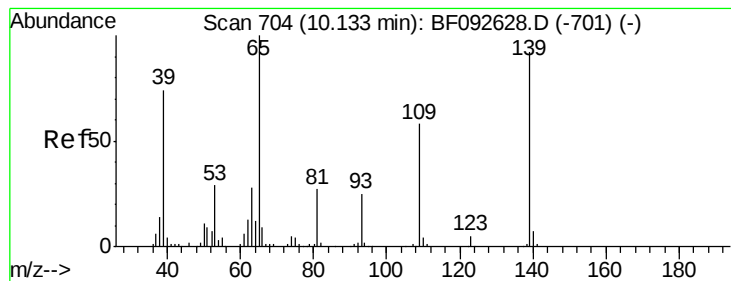
Tgt Ion:184 Resp: 158312
 Ion Ratio Lower Upper
 184 100
 63 93.2 28.4 42.6#
 154 62.1 44.3 66.5



#54
 Dibenzofuran
 Concen: 49.69 ng
 RT: 10.12 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Tgt Ion:168 Resp: 1194046
 Ion Ratio Lower Upper
 168 100
 139 31.9 32.6 49.0#
 169 13.0 11.3 16.9





#55

4-Nitrophenol

Concen: 77.05 ng

RT: 10.04 min Scan# 696

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MSD

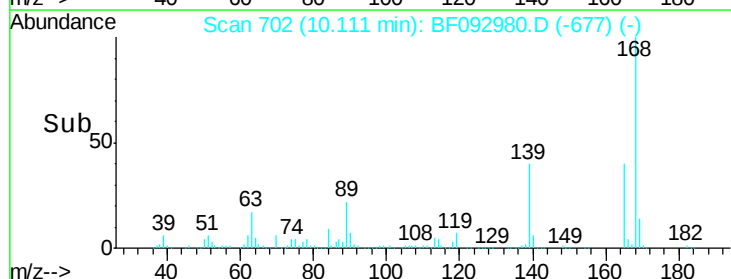
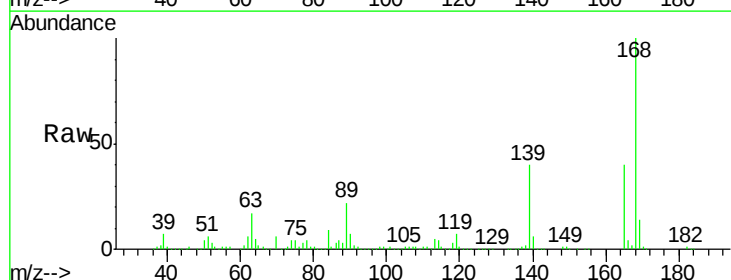
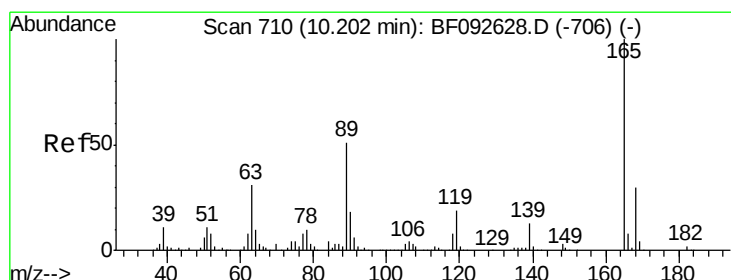
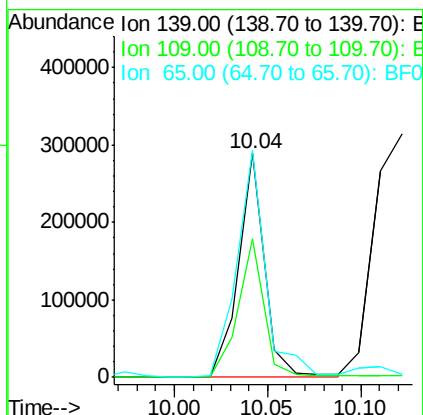
Tgt Ion:139 Resp: 283689

Ion Ratio Lower Upper

139 100

109 62.0 52.2 92.2

65 101.5 85.8 125.8



#56

2,4-Dinitrotoluene

Concen: 52.32 ng

RT: 10.11 min Scan# 702

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Tgt Ion:165 Resp: 311163

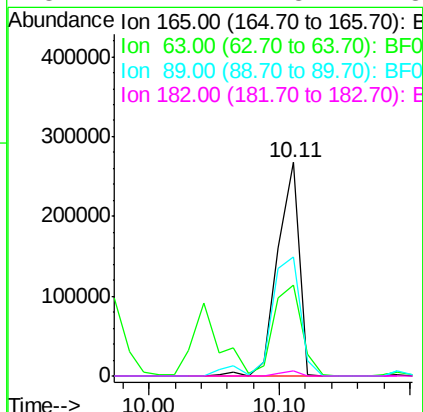
Ion Ratio Lower Upper

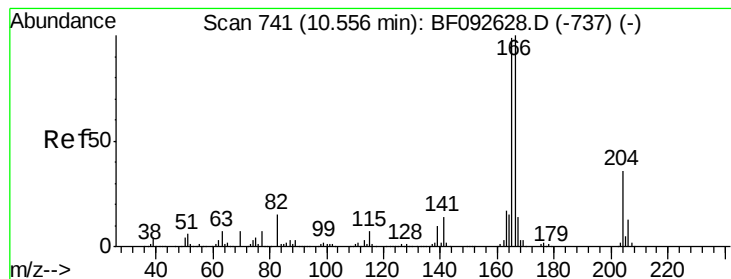
165 100

63 42.7 40.2 60.4

89 55.8 62.5 93.7#

182 2.7 1.8 2.8





#57

Fluorene

Concen: 47.16 ng

RT: 10.46 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MSD

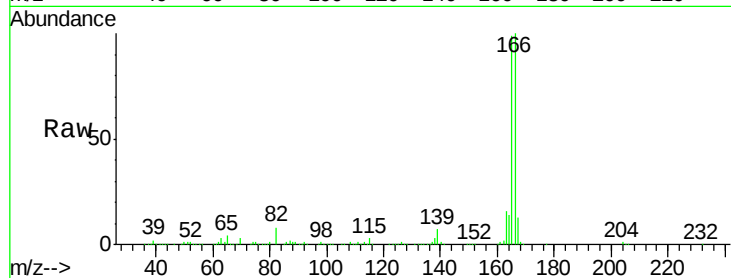
Tgt Ion:166 Resp: 871901

Ion Ratio Lower Upper

166 100

165 99.4 77.8 116.8

167 13.2 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

10.46

800000

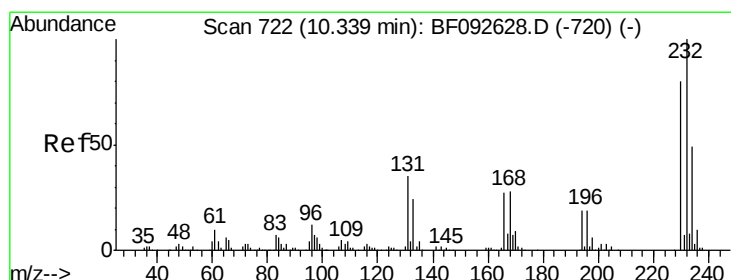
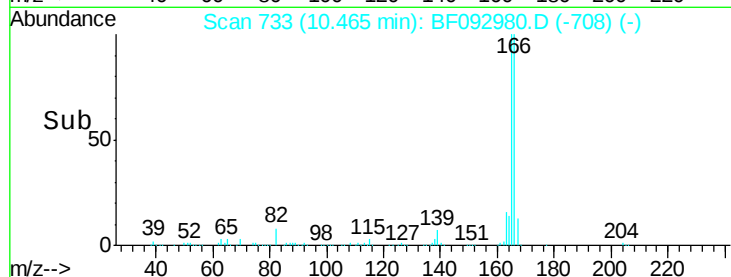
600000

400000

200000

0

Time-->



#58

2,3,4,6-Tetrachlorophenol

Concen: 53.96 ng

RT: 10.24 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Tgt Ion:232 Resp: 223393

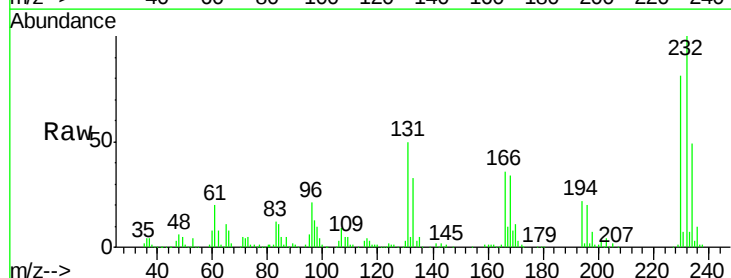
Ion Ratio Lower Upper

232 100

131 48.4 40.1 60.1

130 2.4 1.8 2.8

166 33.1 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

1000000

800000

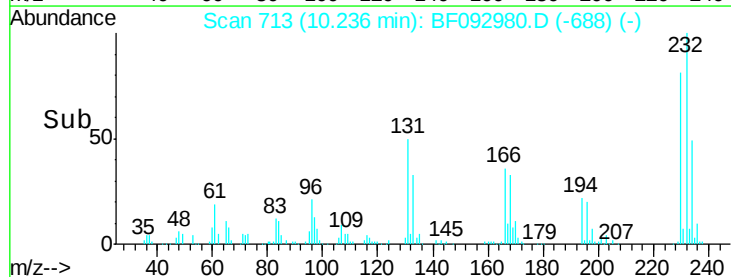
600000

400000

200000

0

Time-->





#59

Diethylphthalate

Concen: 53.24 ng

RT: 10.34 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MSD

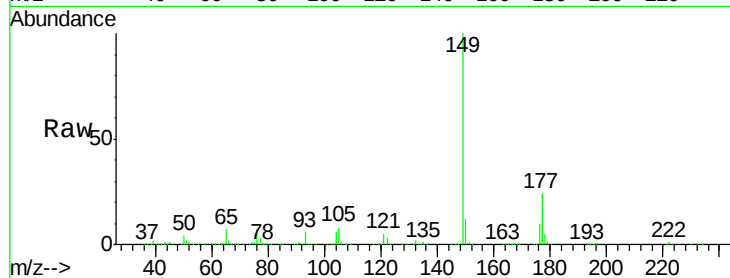
Tgt Ion:149 Resp: 1037818

Ion Ratio Lower Upper

149 100

177 23.9 16.6 25.0

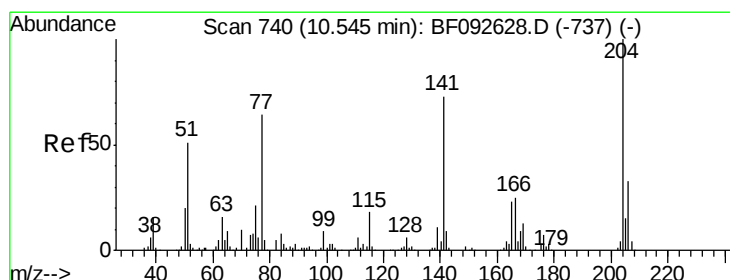
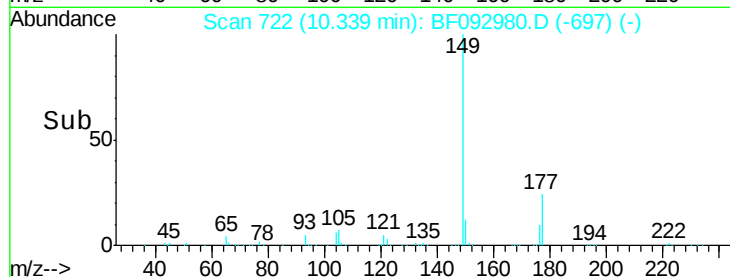
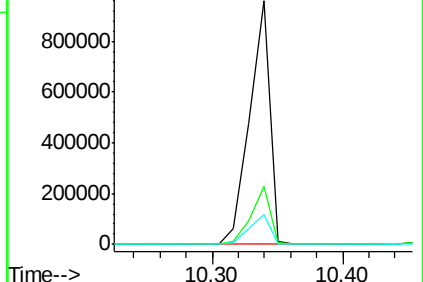
150 12.4 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 47.71 ng

RT: 10.45 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

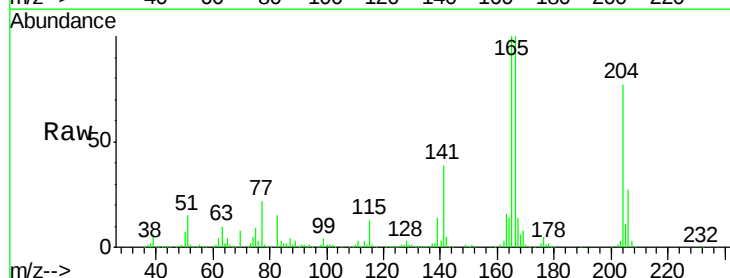
Tgt Ion:204 Resp: 423778

Ion Ratio Lower Upper

204 100

206 34.6 25.8 38.6

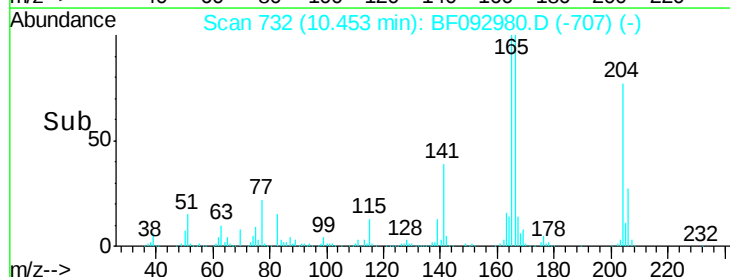
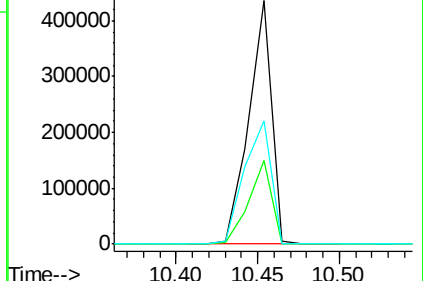
141 50.4 59.4 89.0#

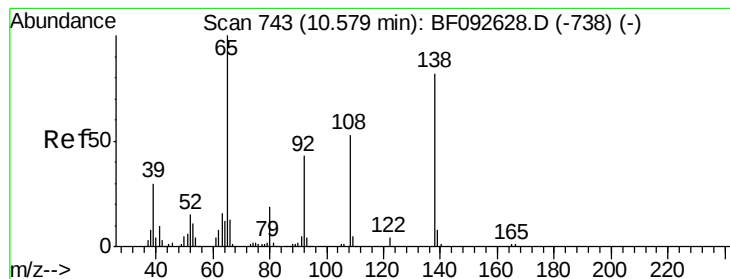


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 44.43 ng

RT: 10.49 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MSD

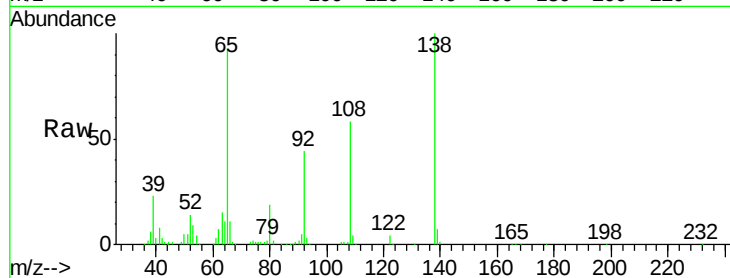
Tgt Ion: 138 Resp: 232650

Ion Ratio Lower Upper

138 100

92 44.0 31.7 71.7

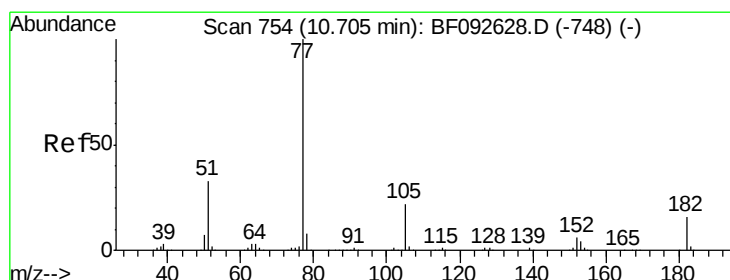
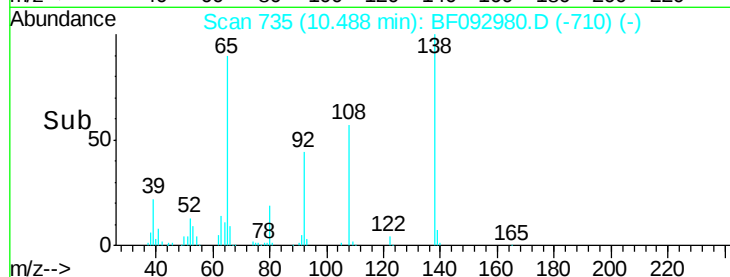
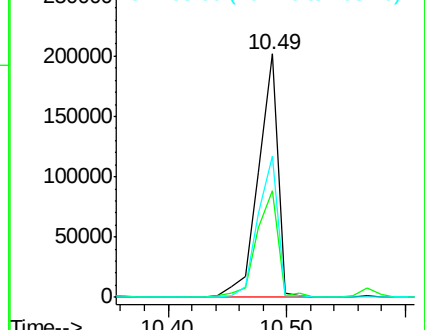
108 57.8 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 54.52 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Tgt Ion: 77 Resp: 1097918

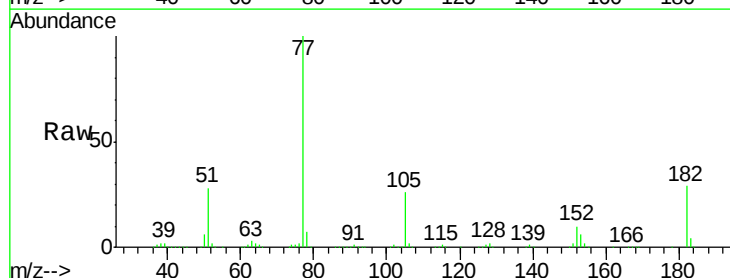
Ion Ratio Lower Upper

77 100

182 29.3 0.0 39.3

105 25.6 2.3 42.3

51 28.5 8.9 48.9

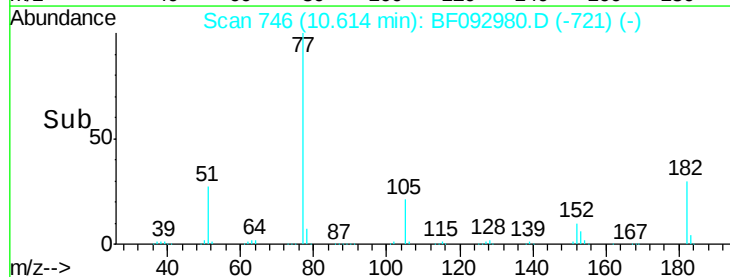
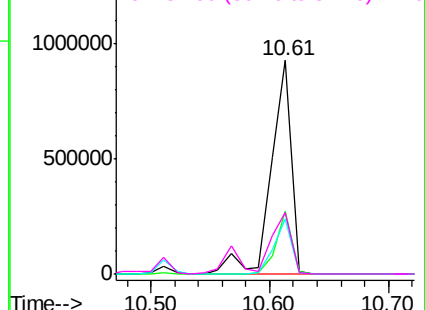


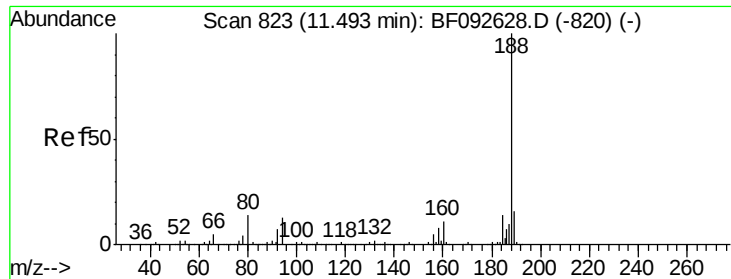
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

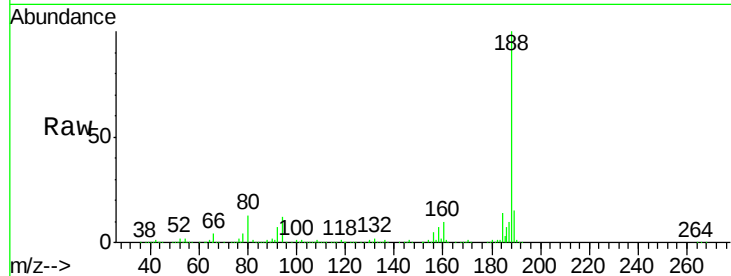




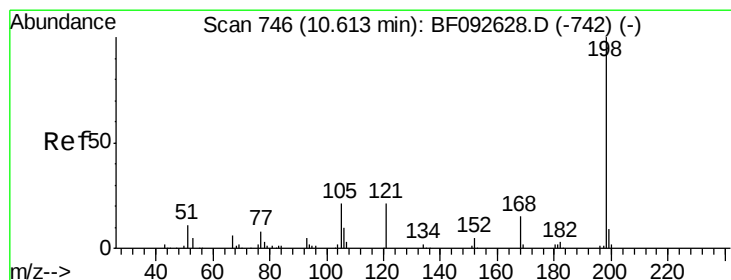
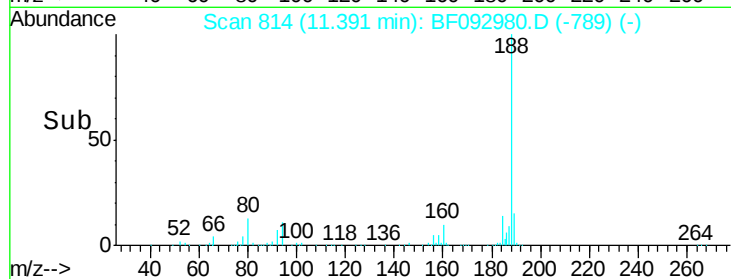
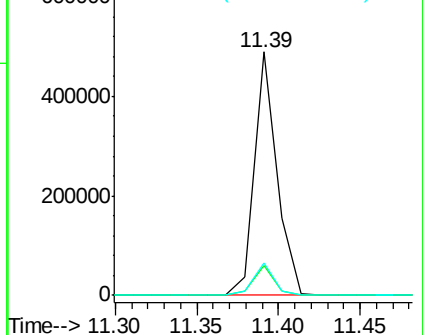
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MSD

Tgt Ion:188 Resp: 470862
Ion Ratio Lower Upper
188 100
94 12.1 10.0 15.0
80 13.3 11.2 16.8

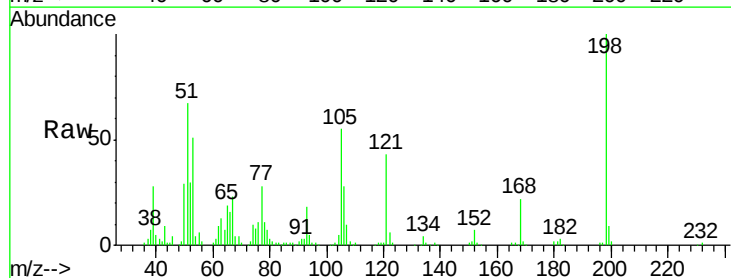


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

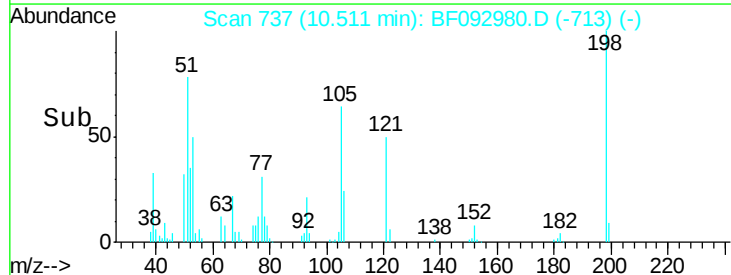
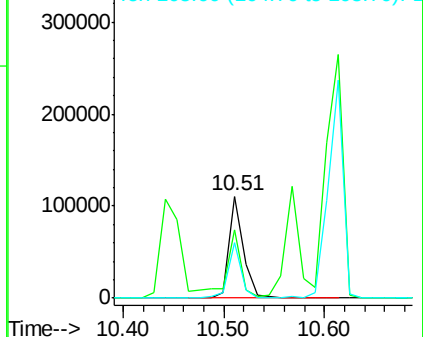


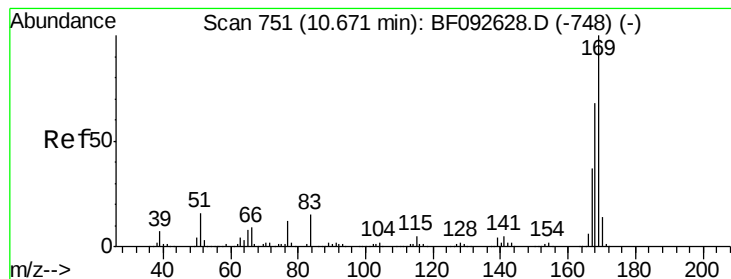
#64
4,6-Dinitro-2-methylphenol
Concen: 38.58 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.02 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Tgt Ion:198 Resp: 108975
Ion Ratio Lower Upper
198 100
51 67.0 6.7 46.7#
105 54.9 16.6 56.6



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





#65

n-Nitrosodiphenylamine

Concen: 50.14 ng

RT: 10.57 min Scan# 742

Delta R.T. -0.02 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MSD

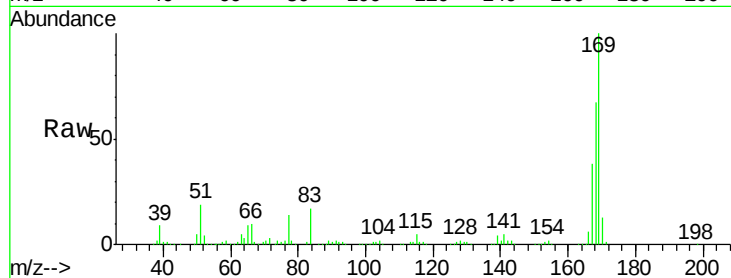
Tgt Ion:169 Resp: 754180

Ion Ratio Lower Upper

169 100

168 67.3 54.2 81.2

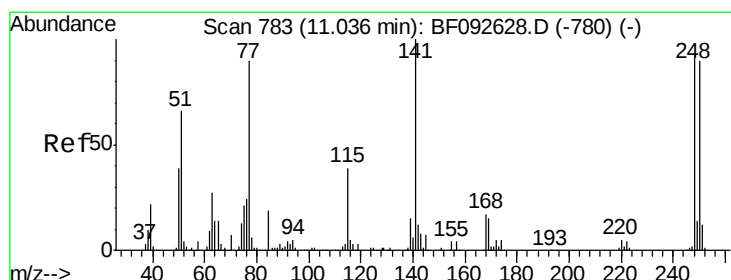
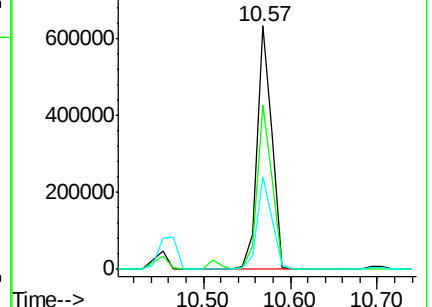
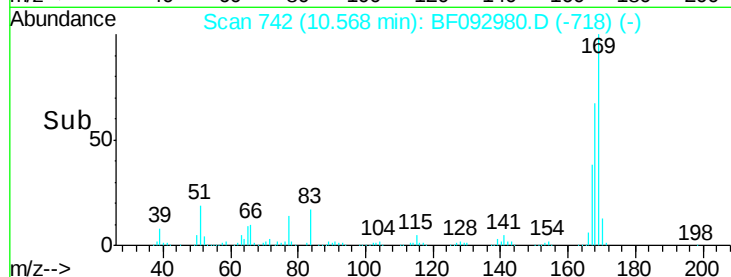
167 37.8 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 51.15 ng

RT: 10.94 min Scan# 775

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

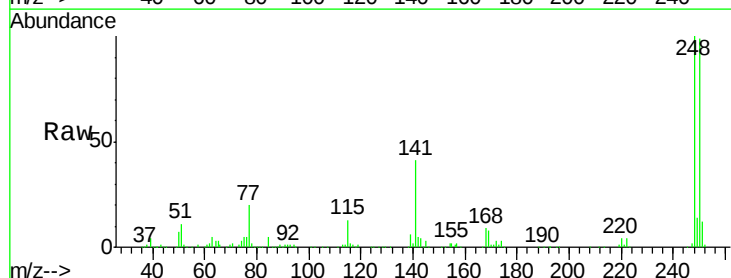
Tgt Ion:248 Resp: 251607

Ion Ratio Lower Upper

248 100

250 99.1 76.9 115.3

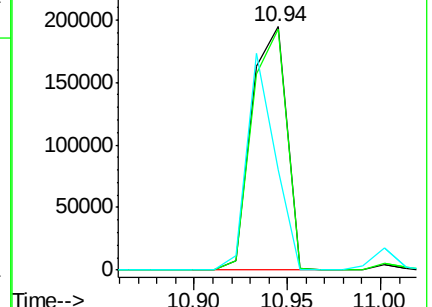
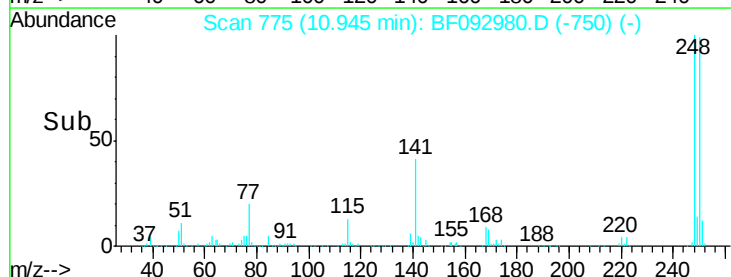
141 41.4 68.2 102.4#

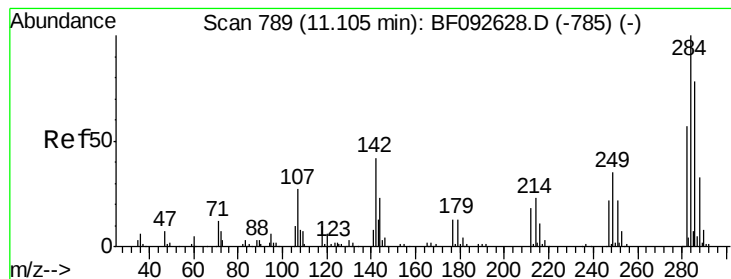


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 46.66 ng

RT: 11.00 min Scan# 780

Delta R.T. -0.02 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

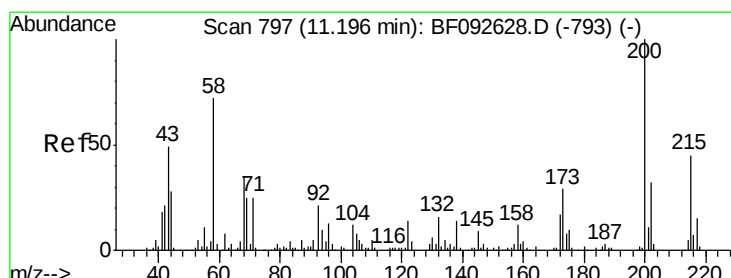
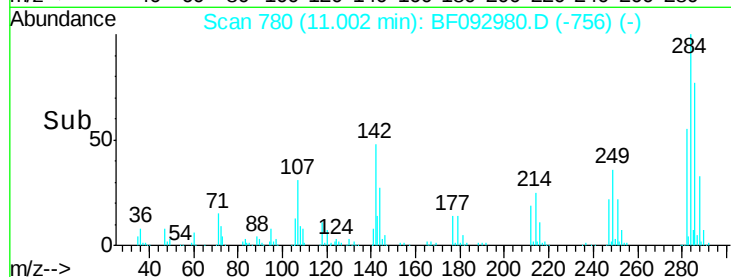
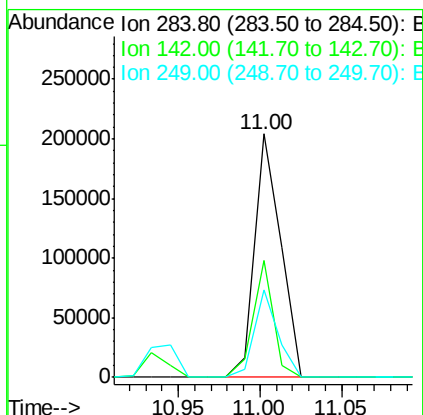
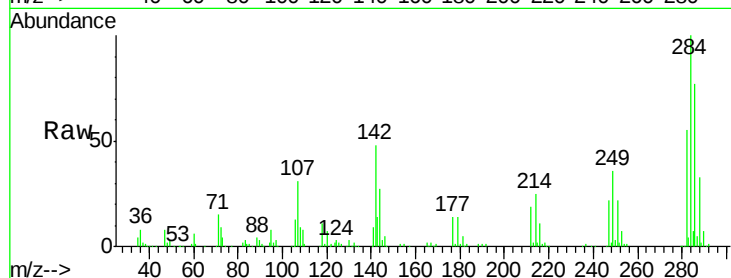
Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MSD

Tgt Ion:284 Resp: 226837
 Ion Ratio Lower Upper
 284 100
 142 48.0 22.6 33.8#
 249 35.9 25.4 38.0



#68

Atrazine

Concen: 45.23 ng

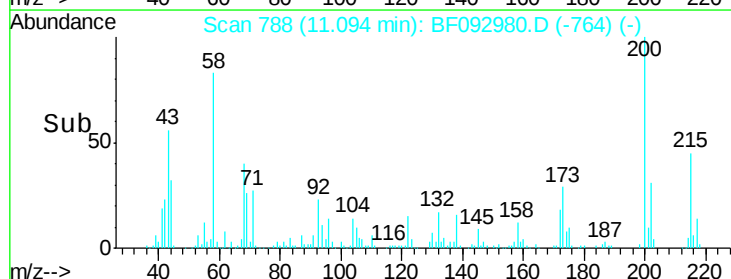
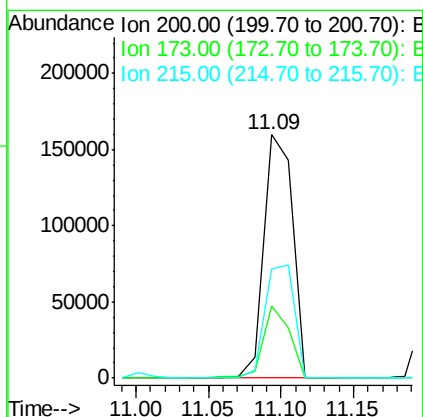
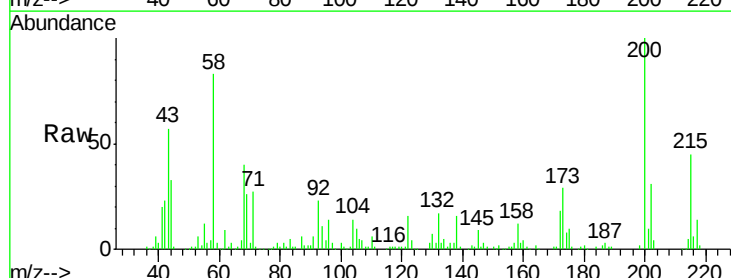
RT: 11.09 min Scan# 788

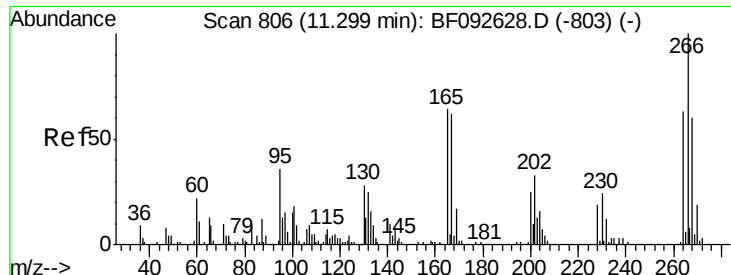
Delta R.T. -0.02 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Tgt Ion:200 Resp: 218310
 Ion Ratio Lower Upper
 200 100
 173 29.5 9.6 49.6
 215 45.1 25.7 65.7

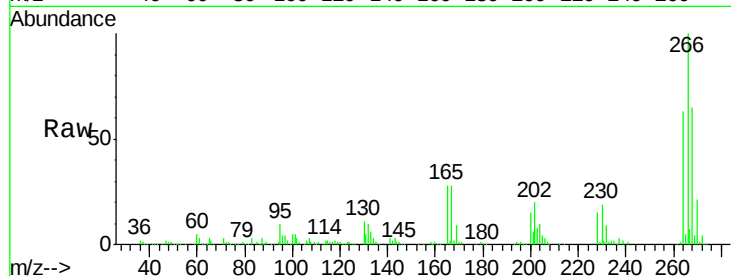




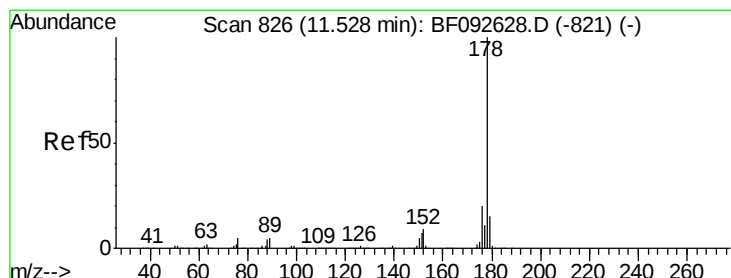
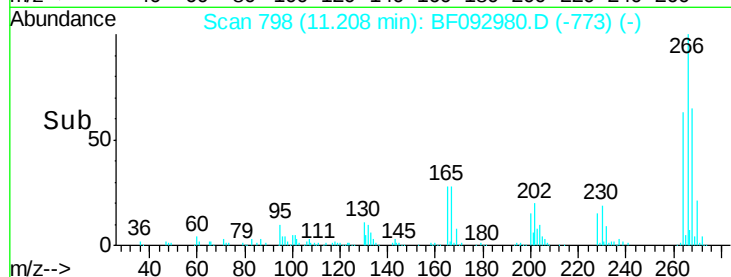
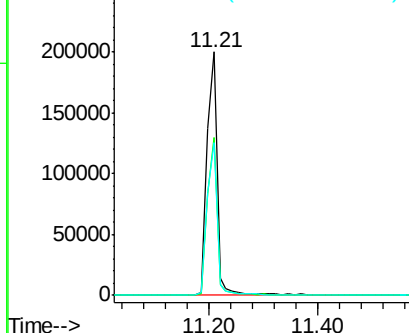
#69
 Pentachlorophenol
 Concen: 101.87 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MSD

Tgt Ion: 266 Resp: 261087
 Ion Ratio Lower Upper
 266 100
 268 64.6 53.3 79.9
 264 62.6 50.3 75.5

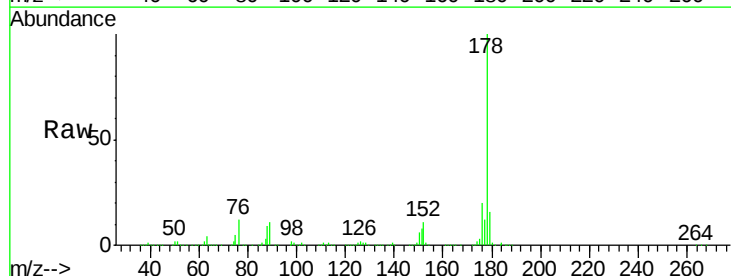


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

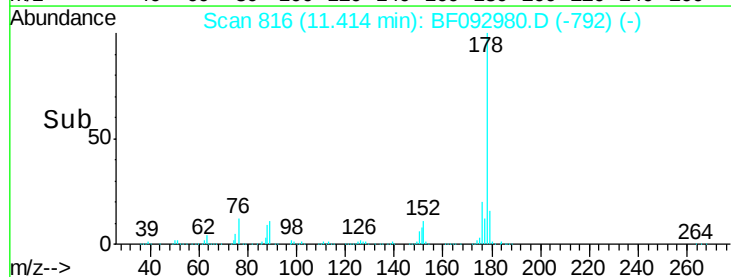
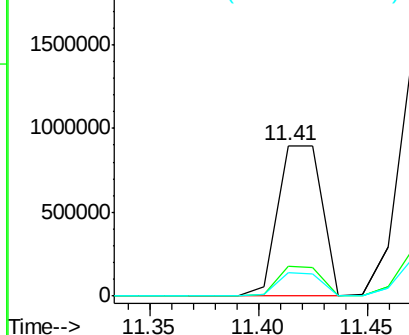


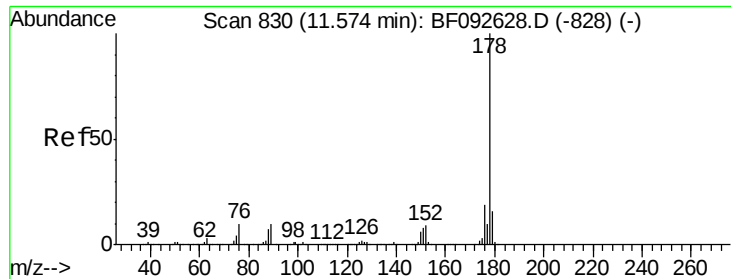
#70
 Phenanthrene
 Concen: 47.12 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.02 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Tgt Ion: 178 Resp: 1271215
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.6 25.0
 179 15.7 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: 47.14 ng

RT: 11.47 min Scan# 821

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MSD

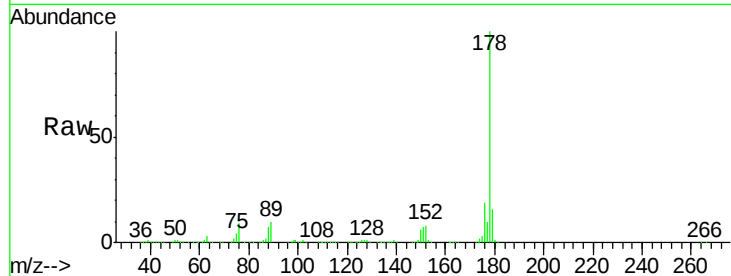
Tgt Ion:178 Resp: 1277157

Ion Ratio Lower Upper

178 100

176 19.2 15.9 23.9

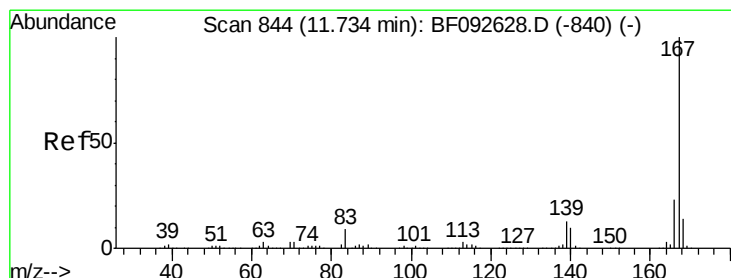
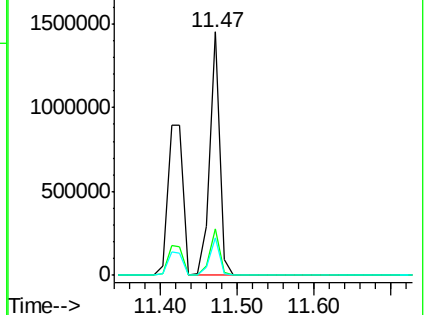
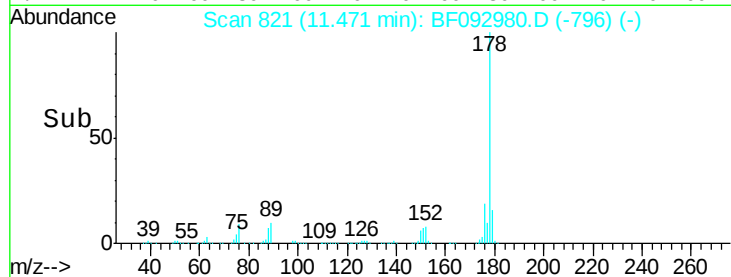
179 15.6 13.2 19.8



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: 47.06 ng

RT: 11.63 min Scan# 835

Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

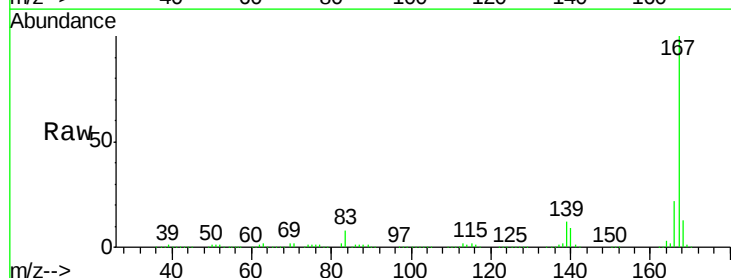
Tgt Ion:167 Resp: 1218634

Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.2

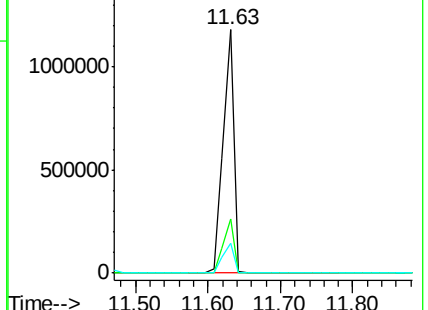
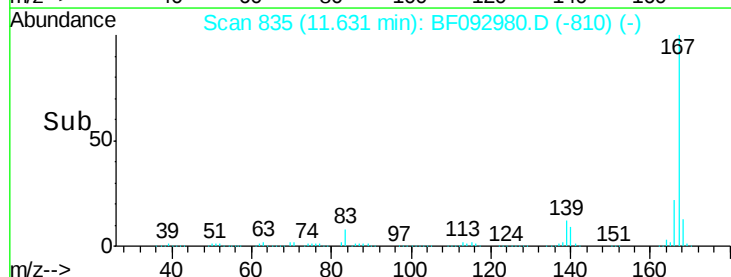
139 12.2 11.4 17.2

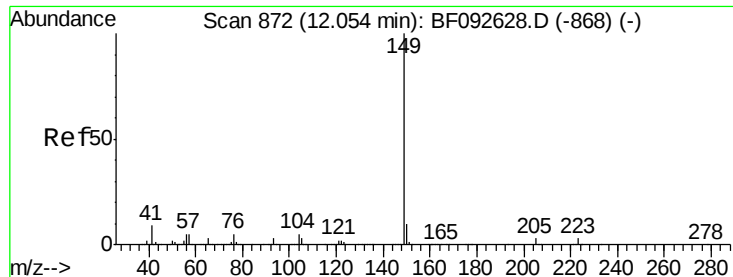


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 51.38 ng

RT: 11.95 min Scan# 863

Delta R.T. -0.02 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MSD

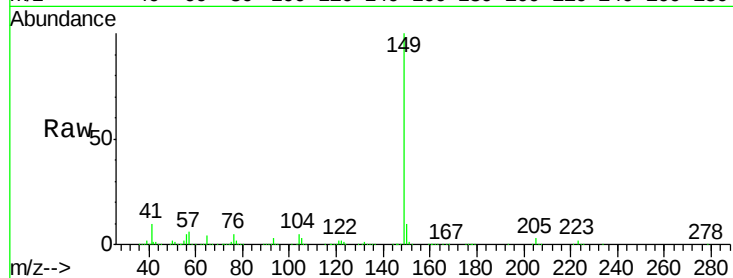
Tgt Ion:149 Resp: 1438978

Ion Ratio Lower Upper

149 100

150 9.7 8.1 12.1

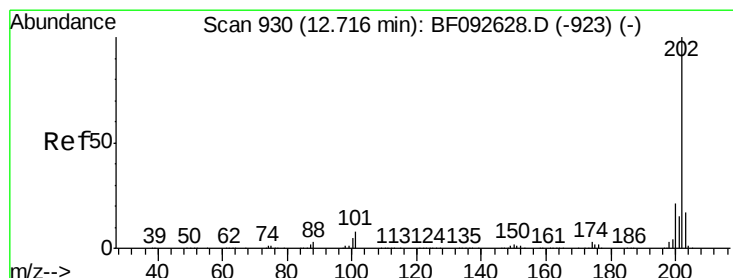
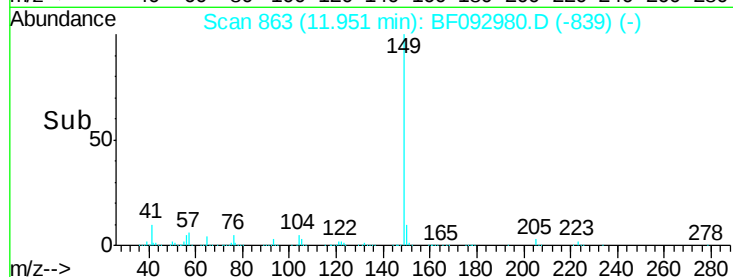
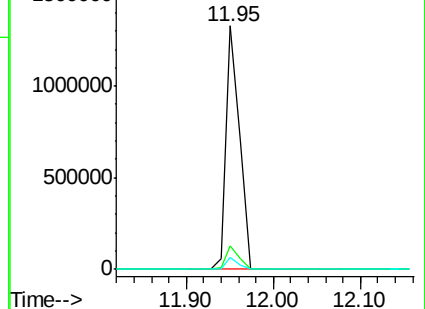
104 4.8 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 38.55 ng

RT: 12.60 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

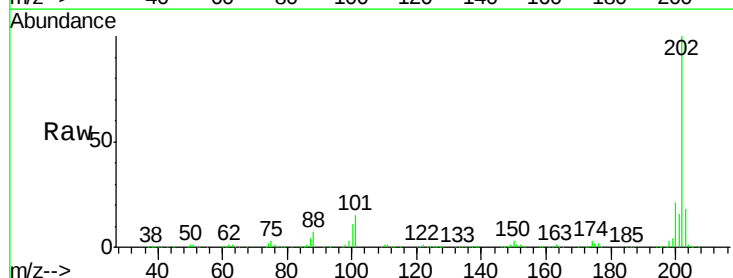
Tgt Ion:202 Resp: 1072787

Ion Ratio Lower Upper

202 100

101 14.7 0.0 34.6

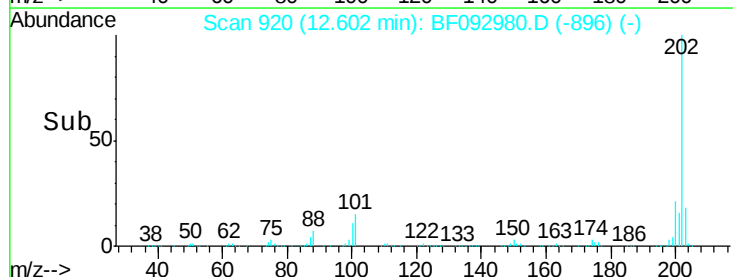
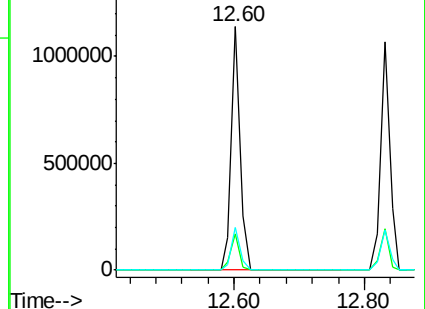
203 17.6 0.0 38.7

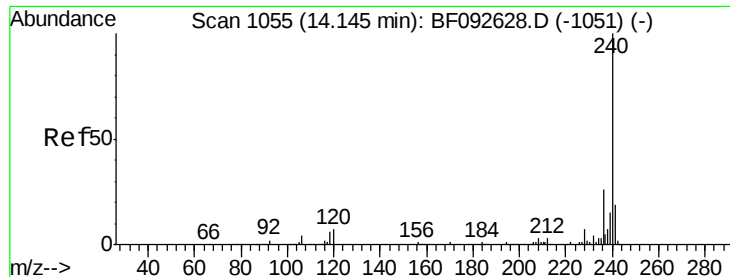


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.03 min Scan# 1045

Delta R.T. -0.02 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

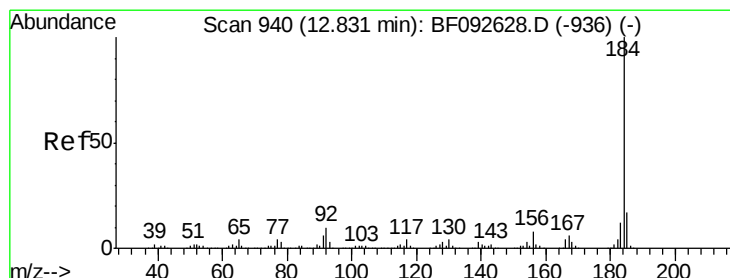
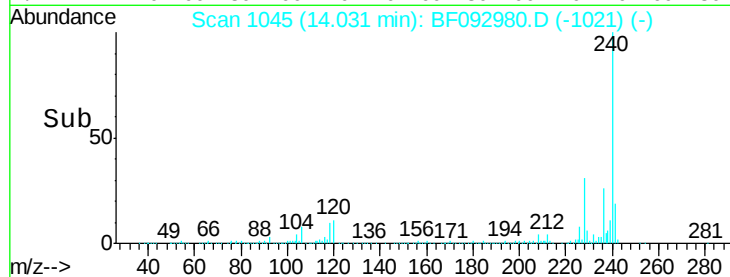
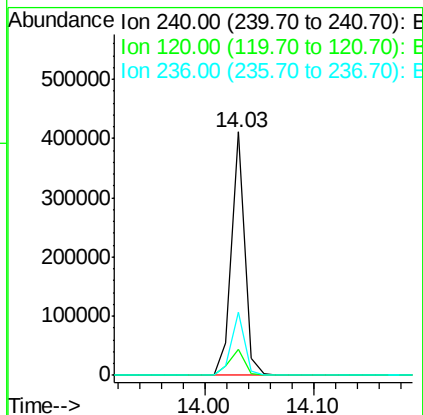
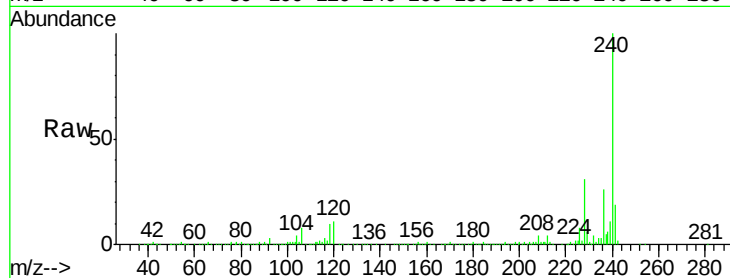
Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MSD

Tgt Ion:	240	Resp:	342435
Ion Ratio	Lower	Upper	
240	100		
120	10.9	12.9	19.3#
236	25.9	20.9	31.3



#76

Benzidine

Concen: 2.49 ng

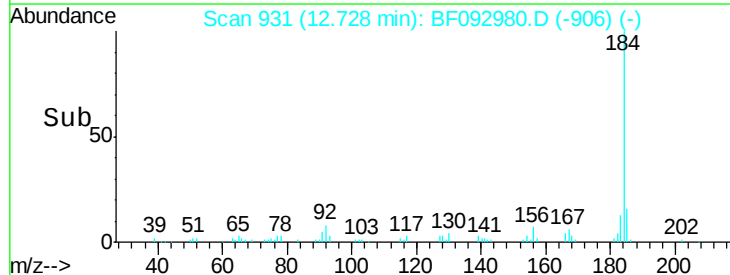
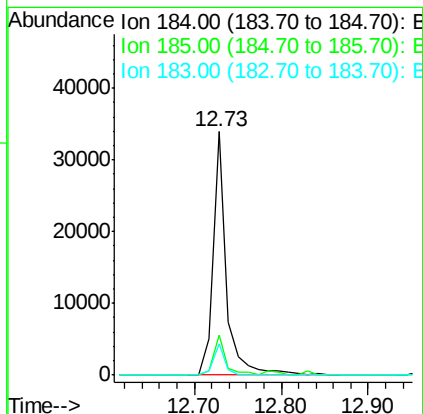
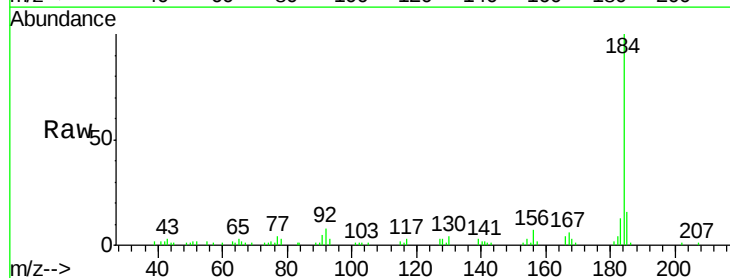
RT: 12.73 min Scan# 931

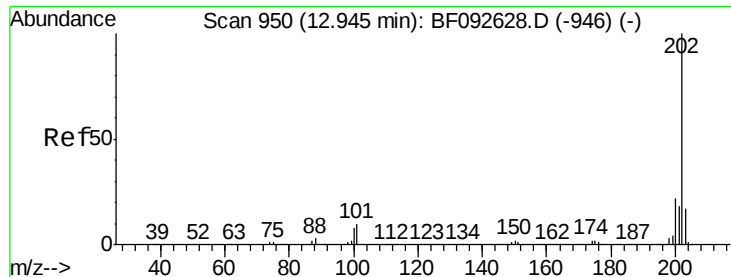
Delta R.T. -0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Tgt Ion:	184	Resp:	36403
Ion Ratio	Lower	Upper	
184	100		
185	16.4	13.4	20.0
183	12.7	9.2	13.8



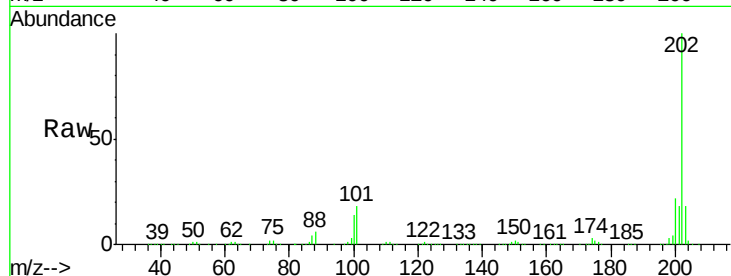


#77
 Pyrene
 Concen: 41.36 ng
 RT: 12.83 min Scan# 940
 Delta R.T. -0.02 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

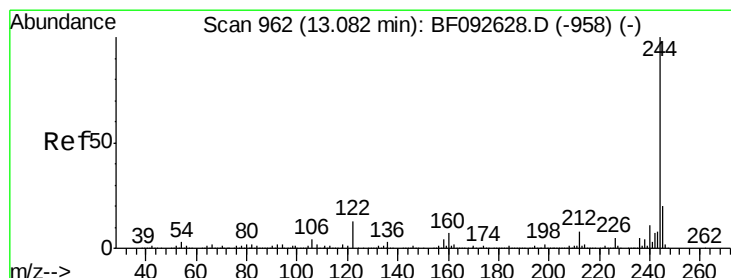
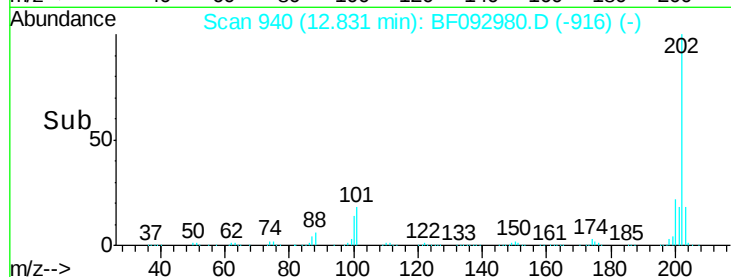
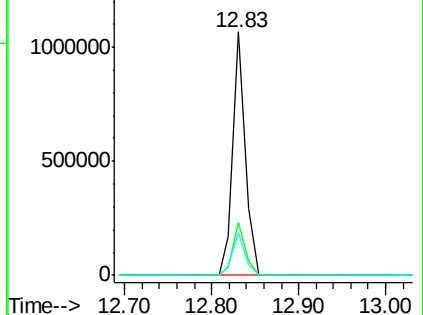
Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MSD

Tgt Ion: 202 Resp: 1059941

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.7	26.5
203	17.7	14.7	22.1



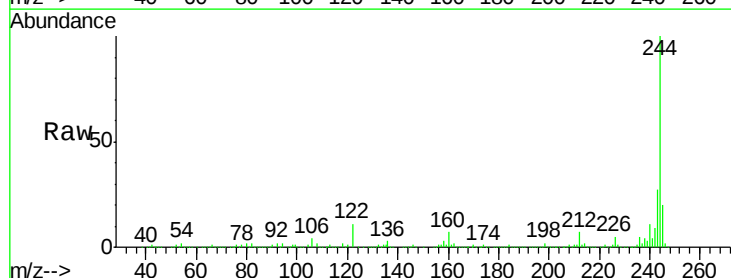
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E



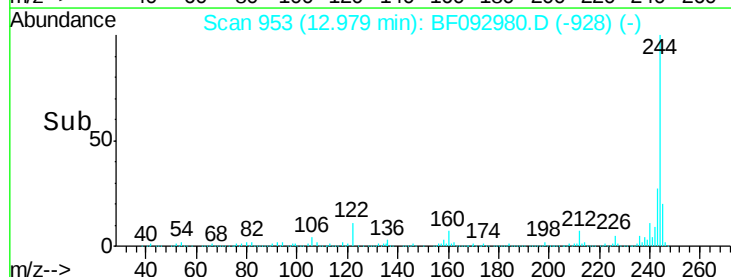
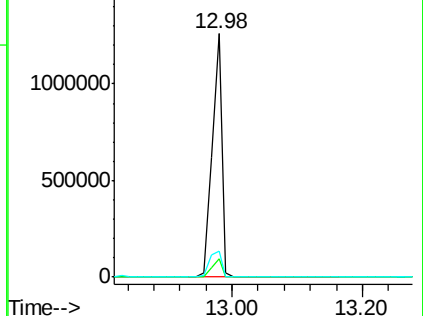
#78
 Terphenyl-d14
 Concen: 91.14 ng
 RT: 12.98 min Scan# 953
 Delta R.T. -0.01 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

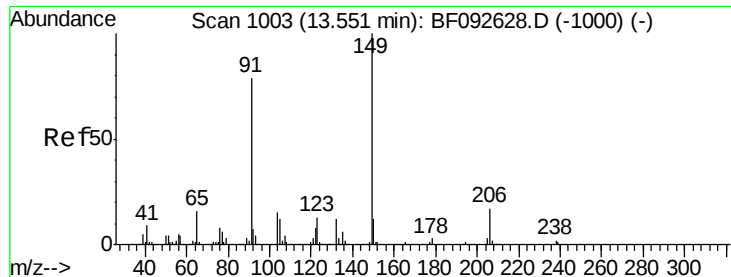
Tgt Ion: 244 Resp: 1328218

Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.2	9.2
122	10.6	11.4	17.2



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

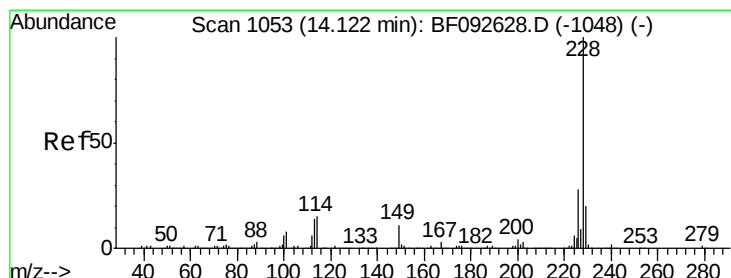
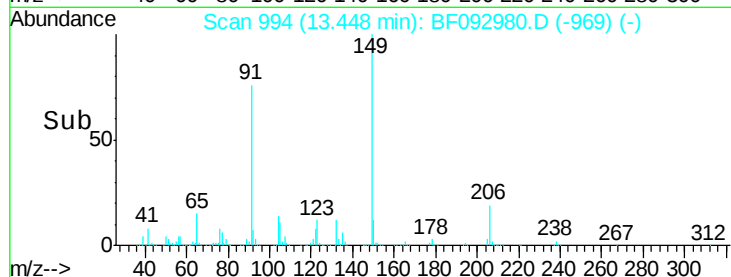
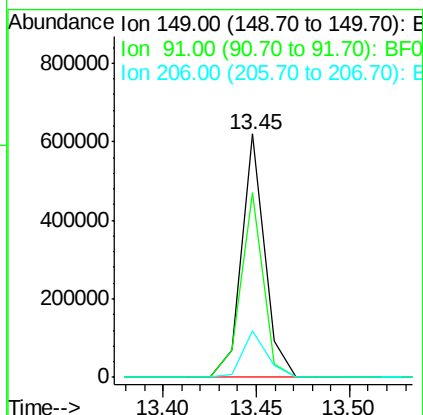
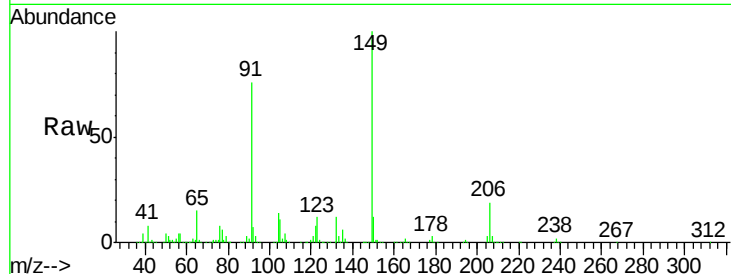




#79
Butylbenzylphthalate
Concen: 51.60 ng
RT: 13.45 min Scan# 994
Delta R.T. -0.01 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

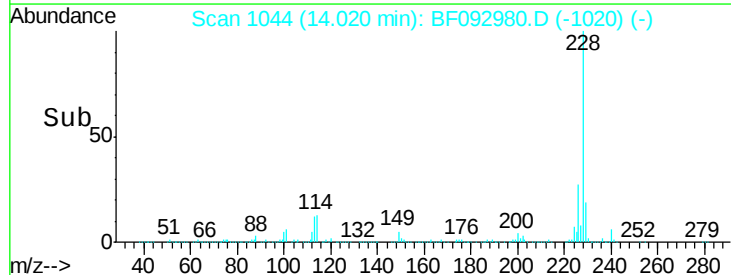
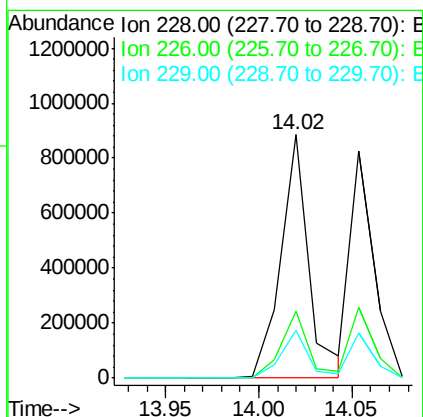
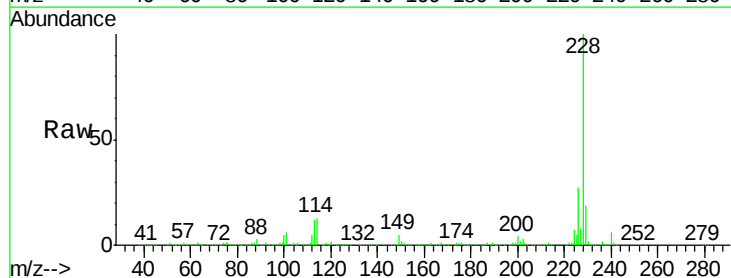
Instrument :
BNA_F
ClientSampleId :
38-WCS021017-0-15MSD

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.0	63.9	95.9
206	19.0	14.6	21.8



#80
Benzo(a)anthracene
Concen: 44.08 ng
RT: 14.02 min Scan# 1044
Delta R.T. -0.02 min
Lab File: BF092980.D
Acq: 16 Feb 2017 6:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	22.4	33.6
229	19.4	16.2	24.4

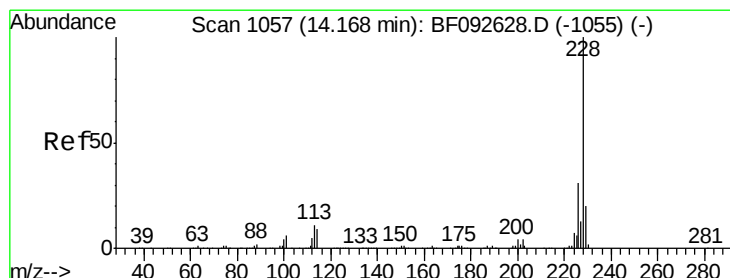
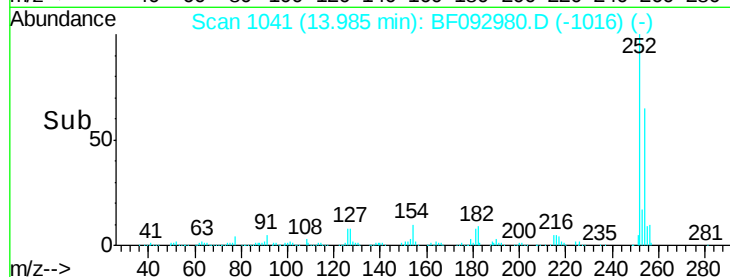
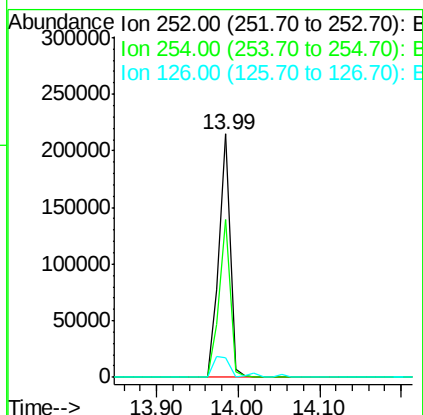
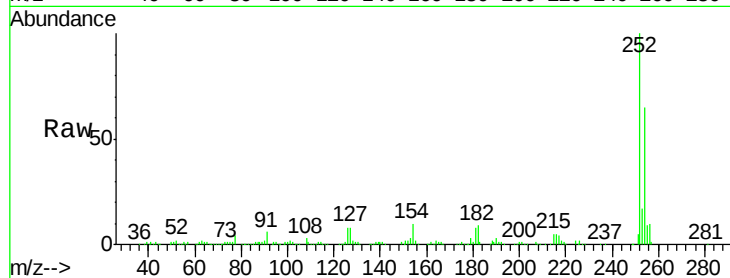




#81
 3,3'-Dichlorobenzidine
 Concen: 28.03 ng
 RT: 13.99 min Scan# 1041
 Delta R.T. -0.01 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

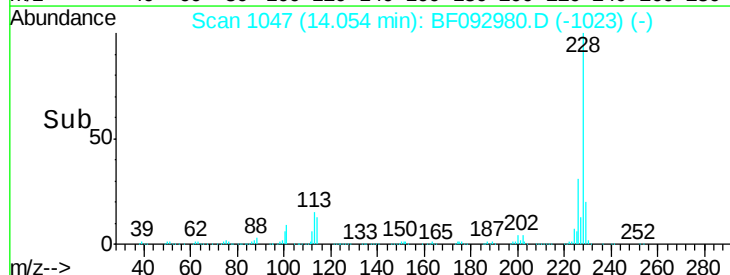
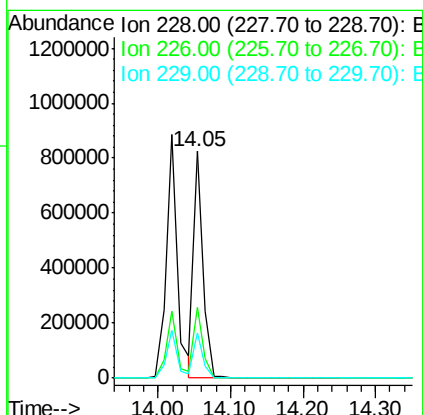
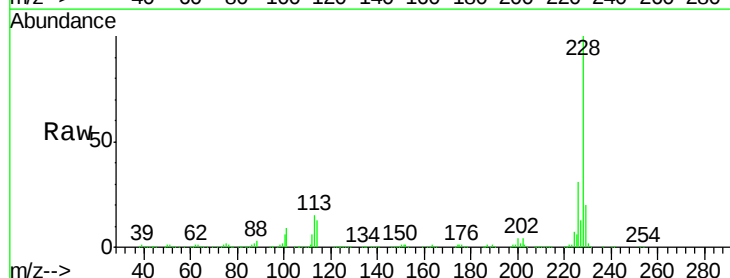
Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MSD

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.0	52.3	78.5
126	8.3	13.6	20.4



#82
 Chrysene
 Concen: 38.11 ng
 RT: 14.05 min Scan# 1047
 Delta R.T. -0.02 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.3	25.4	38.0
229	19.8	16.2	24.2

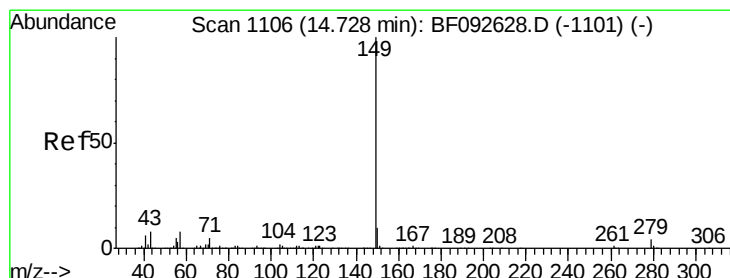
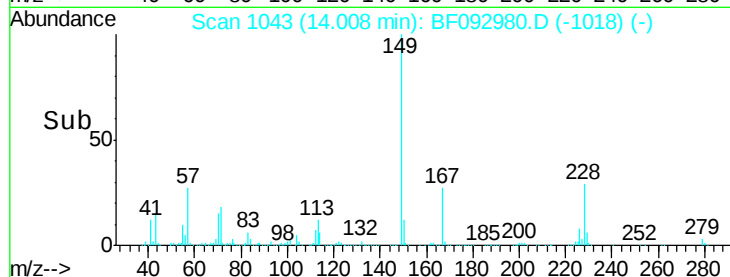
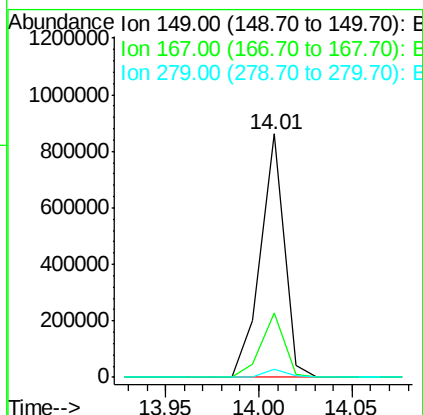
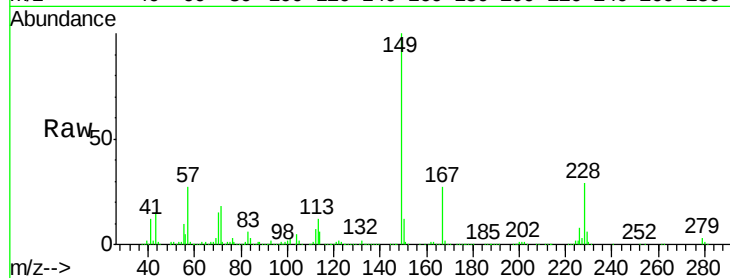




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.44 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

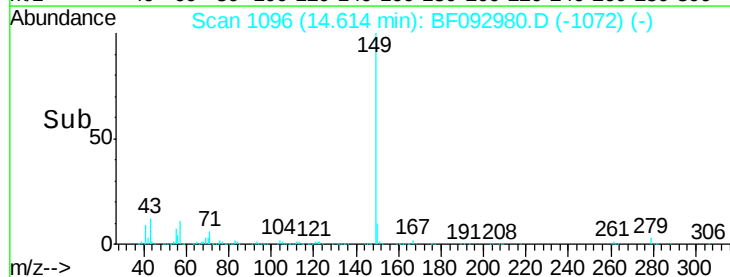
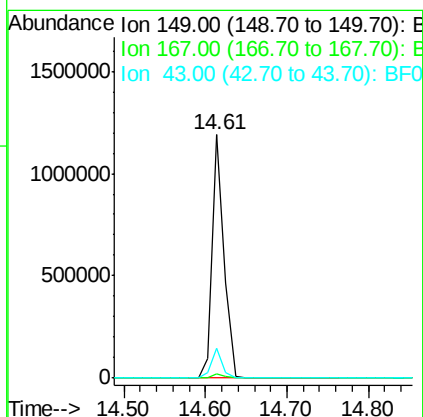
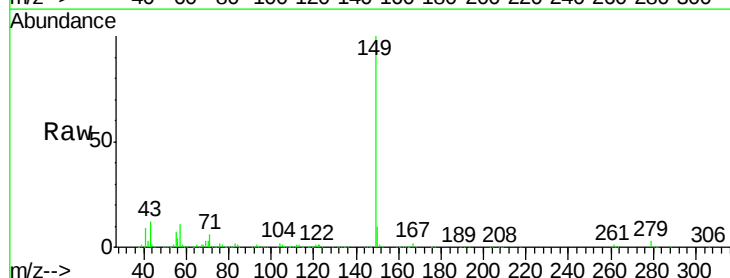
Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MSD

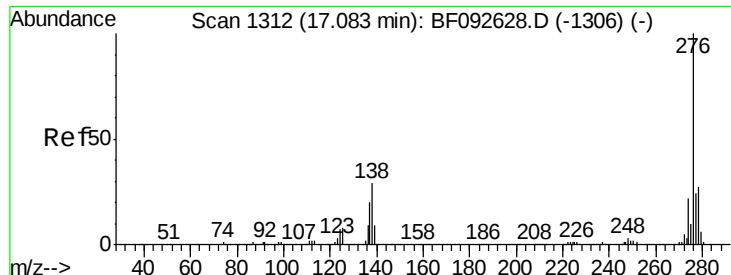
Tgt Ion:149 Resp: 760541
 Ion Ratio Lower Upper
 149 100
 167 26.7 20.2 30.4
 279 3.2 1.8 2.8#



#84
 Di-n-octyl phthalate
 Concen: 52.47 ng
 RT: 14.61 min Scan# 1096
 Delta R.T. -0.02 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Tgt Ion:149 Resp: 1216033
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.3 1.9
 43 11.3 8.9 13.3

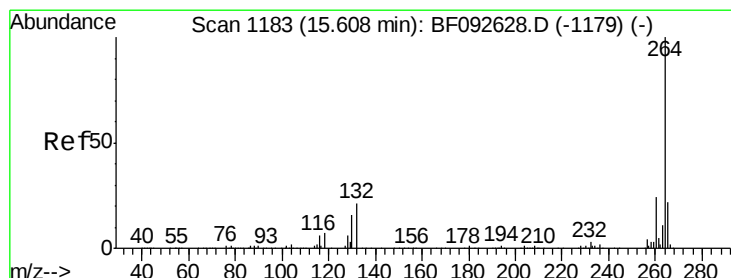
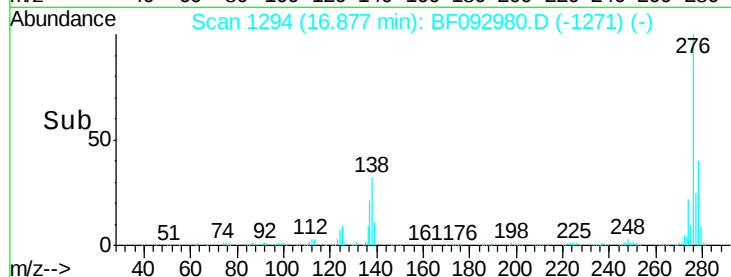
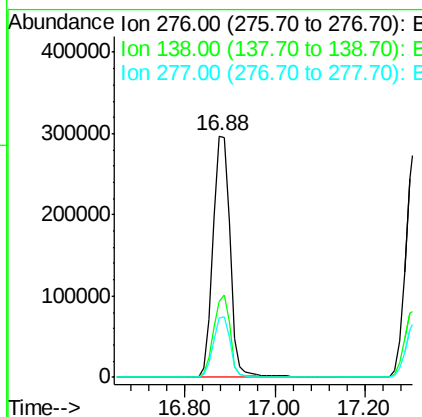
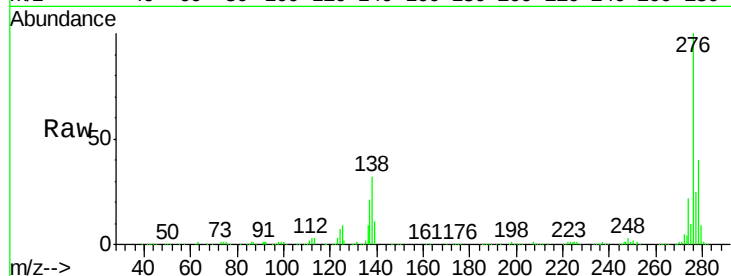




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 52.43 ng
 RT: 16.88 min Scan# 1294
 Delta R.T. -0.03 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

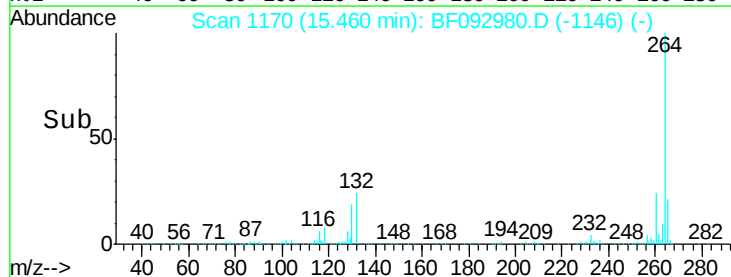
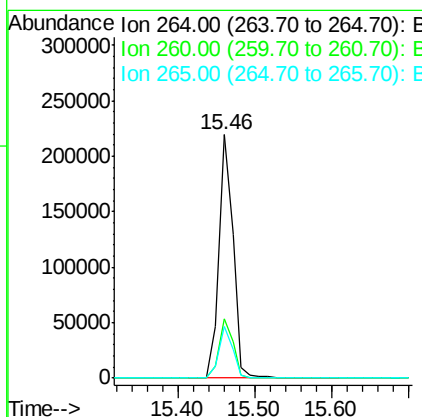
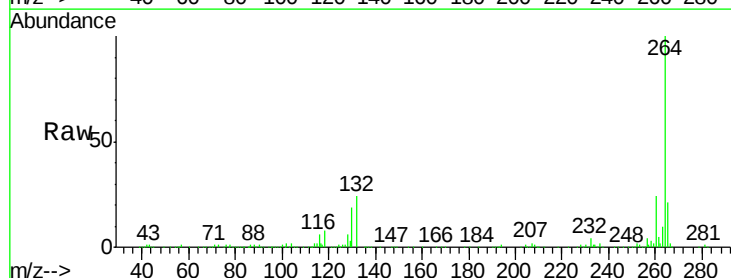
Instrument :
 BNA_F
 ClientSampleId :
 38-WCS021017-0-15MSD

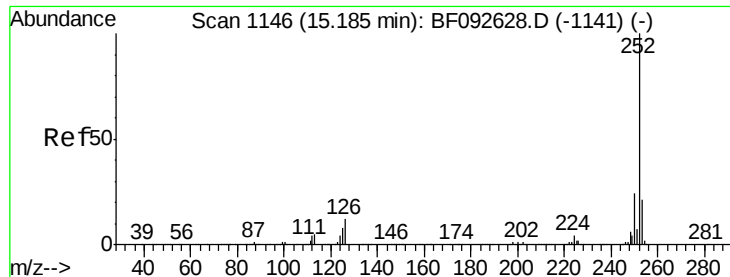
Tgt Ion	Ratio	Lower	Upper
276	100		
138	33.0	21.8	32.6#
277	24.8	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF092980.D
 Acq: 16 Feb 2017 6:54

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.2	17.4	26.0





#87

Benzo(b)fluoranthene

Concen: 89.61 ng

RT: 15.08 min Scan# 1137

Delta R.T. 0.01 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MSD

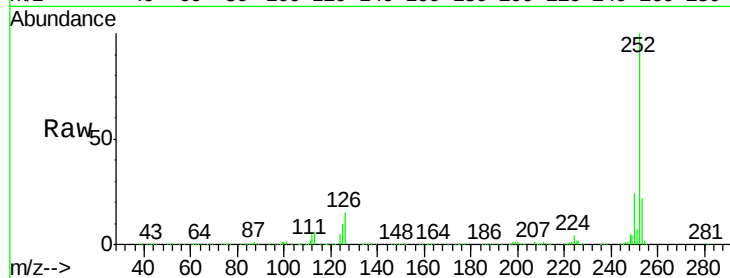
Tgt Ion:252 Resp: 1674621

Ion Ratio Lower Upper

252 100

253 21.9 18.2 27.4

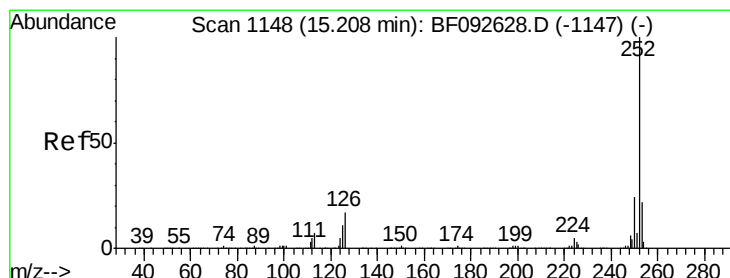
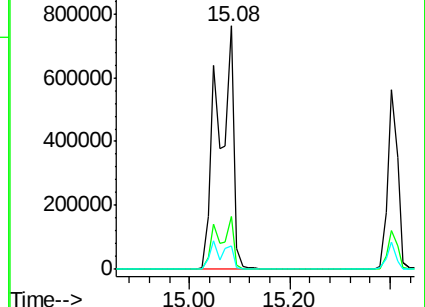
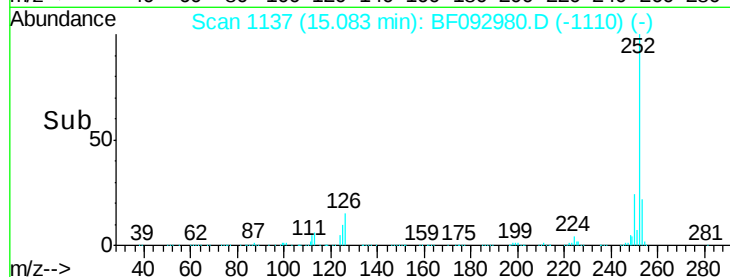
125 9.8 9.8 14.6



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: 103.80 ng

RT: 15.08 min Scan# 1137

Delta R.T. -0.02 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

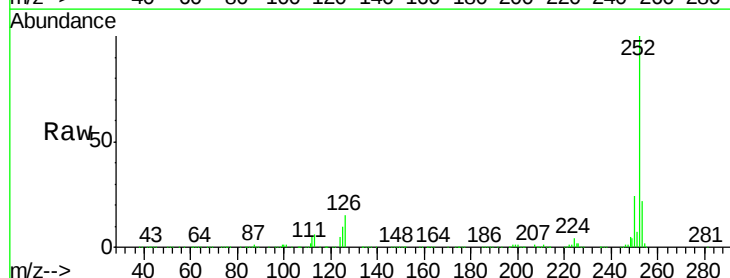
Tgt Ion:252 Resp: 1674985

Ion Ratio Lower Upper

252 100

253 21.9 18.5 27.7

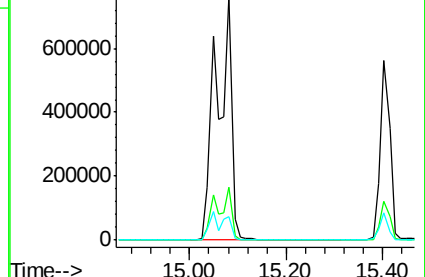
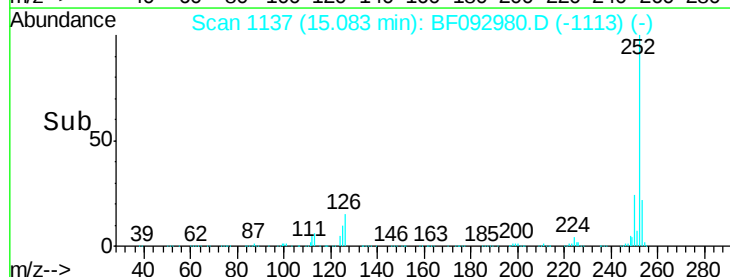
125 9.8 8.9 13.3

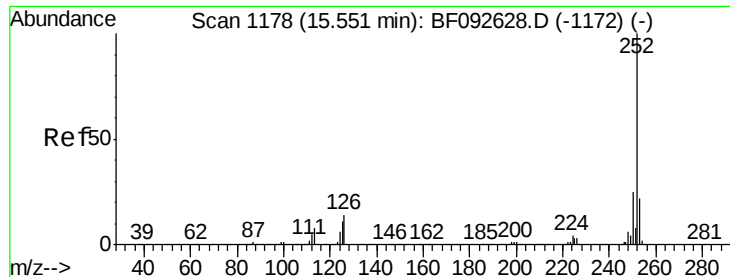


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 48.63 ng

RT: 15.40 min Scan# 1165

Delta R.T. -0.02 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MSD

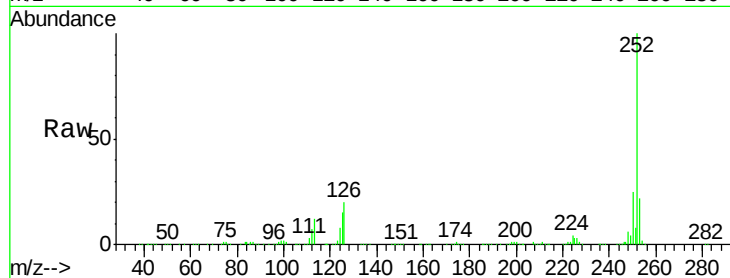
Tgt Ion:252 Resp: 786052

Ion Ratio Lower Upper

252 100

253 21.7 18.2 27.2

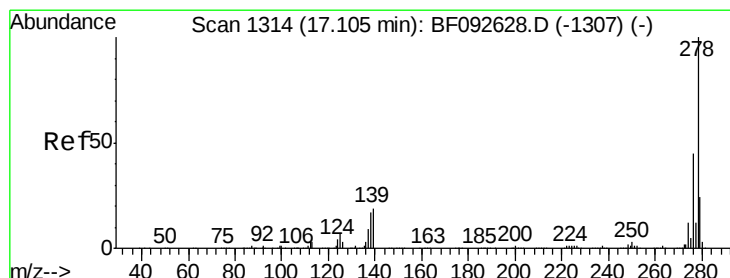
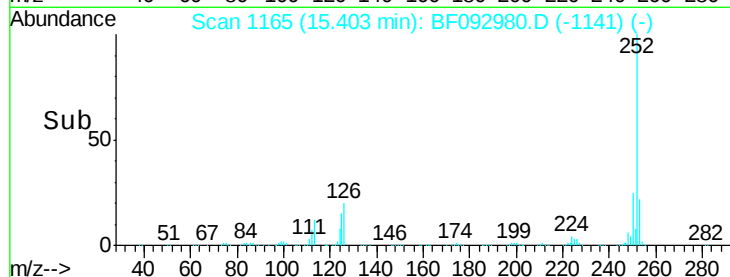
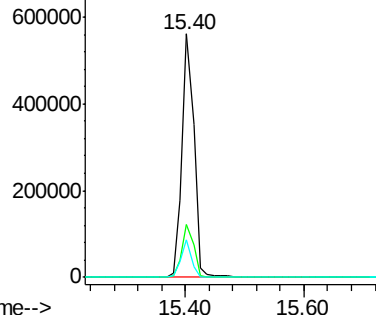
125 15.3 10.0 15.0#



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: 51.55 ng

RT: 16.90 min Scan# 1296

Delta R.T. -0.03 min

Lab File: BF092980.D

Acq: 16 Feb 2017 6:54

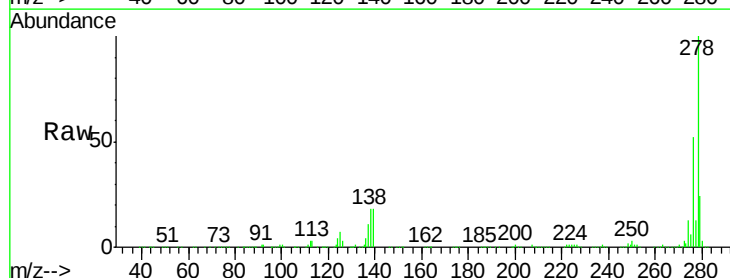
Tgt Ion:278 Resp: 673447

Ion Ratio Lower Upper

278 100

139 18.3 14.8 22.2

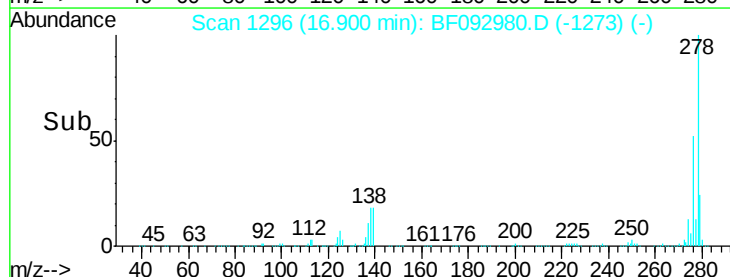
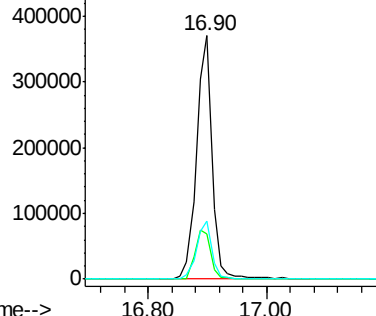
279 23.9 19.8 29.6

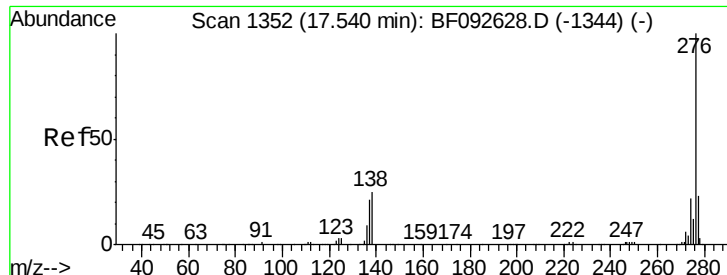


Abundance Ion 278.00 (277.70 to 278.70): E

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: 50.24 ng

RT: 17.31 min Scan# 1332

Delta R.T. -0.03 min

Lab File: BF092980.D

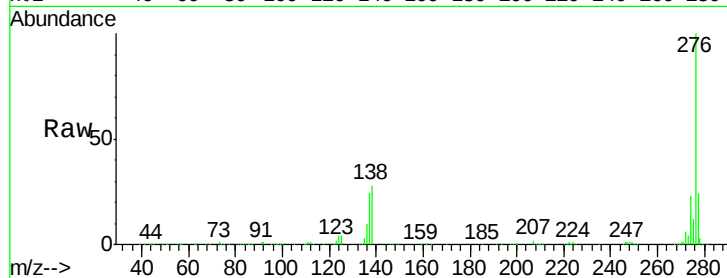
Acq: 16 Feb 2017 6:54

Instrument :

BNA_F

ClientSampleId :

38-WCS021017-0-15MSD



Tgt Ion:	276	Resp:	663110
Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	28.1	16.0	24.0

