

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
 Data File : BF092313.D
 Acq On : 17 Jan 2017 6:33
 Operator : UM/SJ
 Sample : I1182-05MS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MS

Quant Time: Jan 17 07:01:40 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 17 00:52:12 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	170027	20.00	ng	0.00
21) Naphthalene-d8	7.86	136	825944	20.00	ng	0.00
38) Acenaphthene-d10	9.60	164	403258	20.00	ng	0.00
63) Phenanthrene-d10	11.08	188	595590	20.00	ng	0.00
75) Chrysene-d12	13.70	240	253836	20.00	ng	-0.01
86) Perylene-d12	15.06	264	413454	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.17	112	1410003	138.47	ng	0.02
7) Phenol-d6	6.24	99	1745888	140.43	ng	0.01
23) Nitrobenzene-d5	7.15	82	1497638	100.83	ng	0.01
41) 2,4,6-Tribromophenol	10.39	330	467131	139.97	ng	0.00
44) 2-Fluorobiphenyl	8.93	172	2196997	116.39	ng	0.00
78) Terphenyl-d14	12.66	244	1350790	129.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.15	88	242091	48.29	ng	# 83
3) Pyridine	2.76	79	559548	31.98	ng	97
4) n-Nitrosodimethylamine	2.68	42	295868	44.83	ng	99
6) Aniline	6.23	93	290844	18.01	ng	# 60
8) 2-Chlorophenol	6.36	128	590005	50.94	ng	96
9) Benzaldehyde	6.12	77	24731	2.44	ng	96
10) Phenol	6.26	94	661350	46.68	ng	# 65
11) bis(2-Chloroethyl)ether	6.31	93	601692	53.38	ng	99
12) 1,3-Dichlorobenzene	6.51	146	640645	51.81	ng	97
13) 1,4-Dichlorobenzene	6.59	146	628123	49.91	ng	94
14) 1,2-Dichlorobenzene	6.74	146	606394	55.53	ng	99
15) Benzyl Alcohol	6.74	79	532662	55.14	ng	92
16) 2,2'-oxybis(1-Chloropropan	6.86	45	907072	54.04	ng	# 47
17) 2-Methylphenol	6.86	107	487268	52.31	ng	# 88
18) Hexachloroethane	7.07	117	256992	55.08	ng	# 83
19) n-Nitroso-di-n-propylamine	7.00	70	463154	56.00	ng	98
20) 3+4-Methylphenols	7.02	107	720743	64.87	ng	# 71
22) Acetophenone	6.99	105	989417	48.57	ng	# 92
24) Nitrobenzene	7.16	77	700161	44.26	ng	96
25) Isophorone	7.40	82	1438466	52.49	ng	95
26) 2-Nitrophenol	7.48	139	408870	52.41	ng	89
27) 2,4-Dimethylphenol	7.54	122	596520	46.10	ng	96
28) bis(2-Chloroethoxy)methane	7.62	93	904047	54.40	ng	99
29) 2,4-Dichlorophenol	7.73	162	596886	54.47	ng	90
30) 1,2,4-Trichlorobenzene	7.80	180	599618	49.94	ng	95
31) Naphthalene	7.88	128	2113720	55.92	ng	99
32) Benzoic acid	7.71	122	357372	37.24	ng	96
33) 4-Chloroaniline	7.94	127	162761	9.55	ng	98
34) Hexachlorobutadiene	7.99	225	310732	49.03	ng	99
35) Caprolactam	8.32	113	95924	26.64	ng	# 76
36) 4-Chloro-3-methylphenol	8.45	107	641139	50.85	ng	89
37) 2-Methylnaphthalene	8.56	142	1225886	61.74	ng	97
39) 1,2,4,5-Tetrachlorobenzene	8.74	216	562748	55.23	ng	99
40) Hexachlorocyclopentadiene	8.72	237	293918	65.53	ng	99

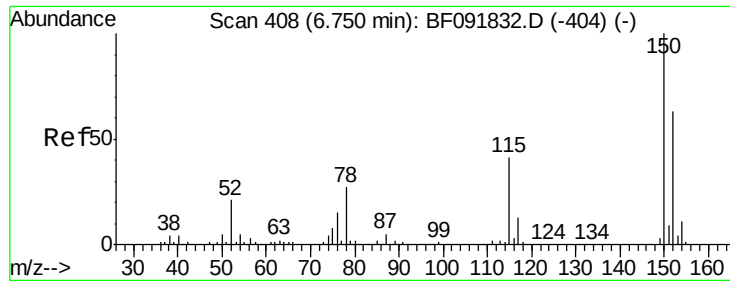
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.86	196	376388	52.82	ng	97
43) 2,4,5-Trichlorophenol	8.91	196	377061	51.42	ng	98
45) 1,1'-Biphenyl	9.03	154	1620035	58.67	ng	99
46) 2-Chloronaphthalene	9.06	162	1227907	56.16	ng	97
47) 2-Nitroaniline	9.16	65	367338	47.18	ng	97
48) Acenaphthylene	9.46	152	1700804	50.58	ng	99
49) Dimethylphthalate	9.34	163	1333338	51.70	ng	98
50) 2,6-Dinitrotoluene	9.41	165	340433	60.30	ng	# 84
51) Acenaphthene	9.64	154	1140985	50.05	ng	99
52) 3-Nitroaniline	9.57	138	171077	24.49	ng	97
53) 2,4-Dinitrophenol	9.70	184	253071	80.57	ng	# 91
54) Dibenzofuran	9.81	168	1544607	50.17	ng	91
55) 4-Nitrophenol	9.80	139	947223	199.69	ng	# 10
56) 2,4-Dinitrotoluene	9.81	165	338468	47.77	ng	86
57) Fluorene	10.14	166	1078829	48.16	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.94	232	324126	55.89	ng	93
59) Diethylphthalate	10.04	149	1288844	51.45	ng	98
60) 4-Chlorophenyl-phenylether	10.14	204	500442	51.02	ng	93
61) 4-Nitroaniline	10.19	138	312372	43.15	ng	92
62) Azobenzene	10.30	77	1518490	55.06	ng	95
64) 4,6-Dinitro-2-methylphenol	10.22	198	182333	50.63	ng	73
65) n-Nitrosodiphenylamine	10.27	169	1054176	59.65	ng	99
66) 4-Bromophenyl-phenylether	10.63	248	366903	59.22	ng	# 77
67) Hexachlorobenzene	10.69	284	337782	51.01	ng	# 86
68) Atrazine	10.80	200	363732	63.80	ng	98
69) Pentachlorophenol	10.90	266	296024	91.10	ng	99
70) Phenanthrene	11.10	178	1732825	53.66	ng	99
71) Anthracene	11.15	178	1559745	63.03	ng	99
72) Carbazole	11.32	167	1279784	51.36	ng	96
73) Di-n-butylphthalate	11.65	149	1575813	52.15	ng	99
74) Fluoranthene	12.28	202	1235847	43.49	ng	98
76) Benzidine	12.42	184	165517	22.30	ng	96
77) Pyrene	12.51	202	1344841	72.21	ng	98
79) Butylbenzylphthalate	13.14	149	572296	67.56	ng	98
80) Benzo(a)anthracene	13.69	228	935696	65.30	ng	99
81) 3,3'-Dichlorobenzidine	13.66	252	197596	36.37	ng	# 96
82) Chrysene	13.73	228	908240	63.19	ng	98
83) Bis(2-ethylhexyl)phthalate	13.71	149	714622	71.64	ng	# 95
84) Di-n-octyl phthalate	14.31	149	1163366	62.96	ng	98
85) Indeno(1,2,3-cd)pyrene	16.29	276	1466110	117.75	ng	97
87) Benzo(b)fluoranthene	14.69	252	1951275	75.80	ng	99
88) Benzo(k)fluoranthene	14.69	252	1951275	88.89	ng	97
89) Benzo(a)pyrene	15.00	252	1190376	52.10	ng	# 97
90) Dibenzo(a,h)anthracene	16.30	278	1199718	63.89	ng	# 95
91) Benzo(g,h,i)perylene	16.66	276	1298390	66.49	ng	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

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TOD-WCS-011217MS

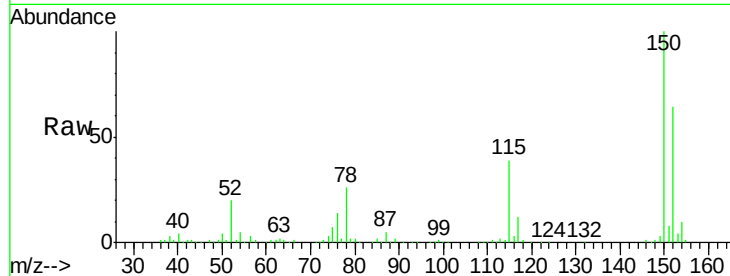
Tgt Ion:152 Resp: 170027

Ion Ratio Lower Upper

152 100

150 155.5 124.9 187.3

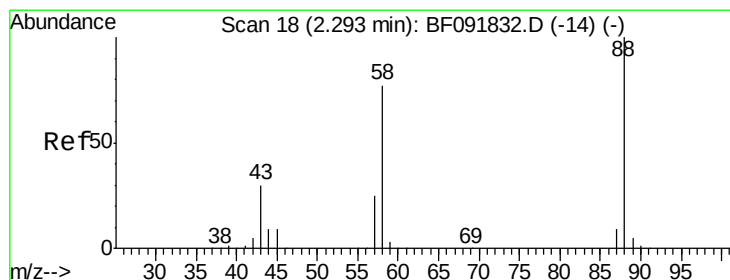
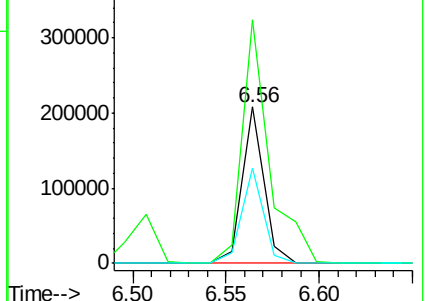
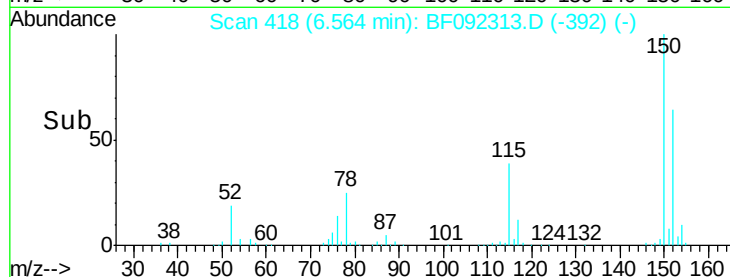
115 60.5 46.0 69.0



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: 48.29 ng

RT: 2.15 min Scan# 32

Delta R.T. 0.17 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

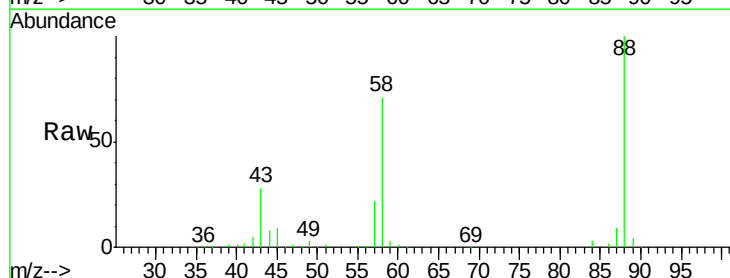
Tgt Ion: 88 Resp: 242091

Ion Ratio Lower Upper

88 100

58 75.0 57.8 86.8

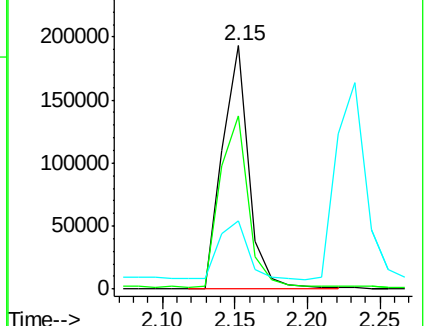
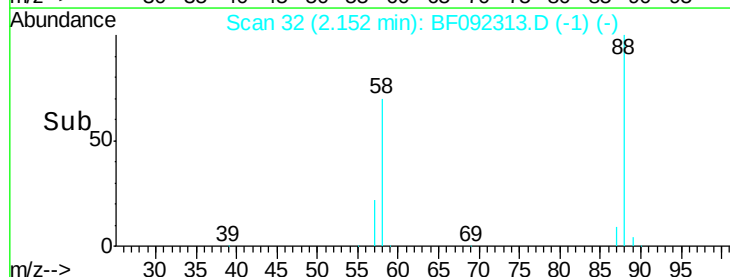
43 0.0 22.3 33.5#

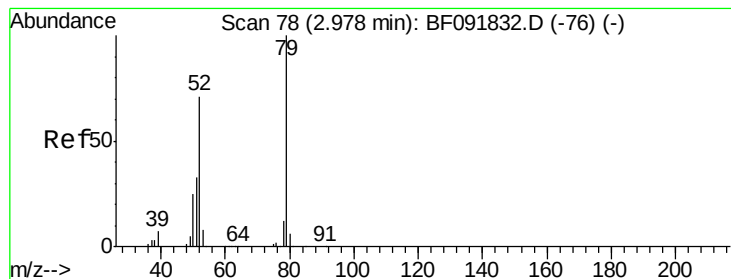


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.98 ng

RT: 2.76 min Scan# 85

Delta R.T. 0.16 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

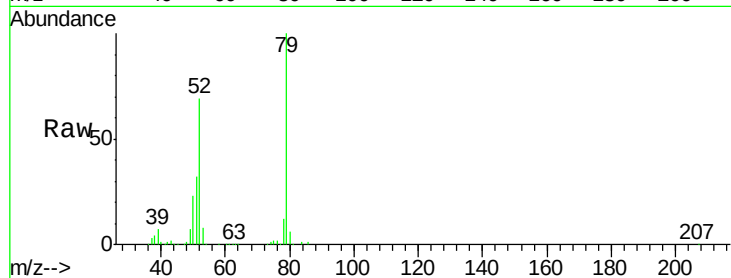
Tgt Ion: 79 Resp: 559548

Ion Ratio Lower Upper

79 100

52 69.4 57.1 85.7

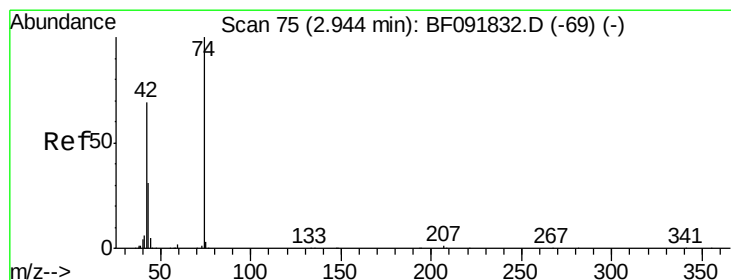
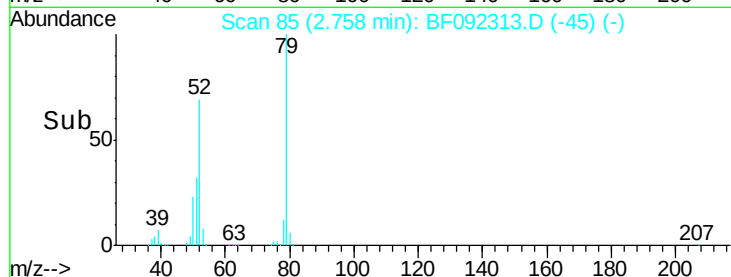
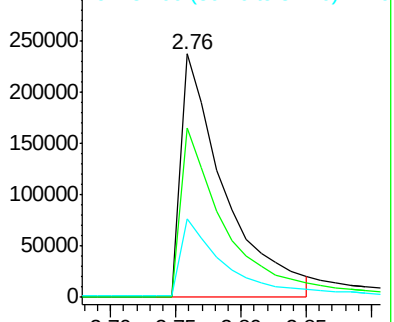
51 32.3 27.3 40.9



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 44.83 ng

RT: 2.68 min Scan# 78

Delta R.T. 0.11 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

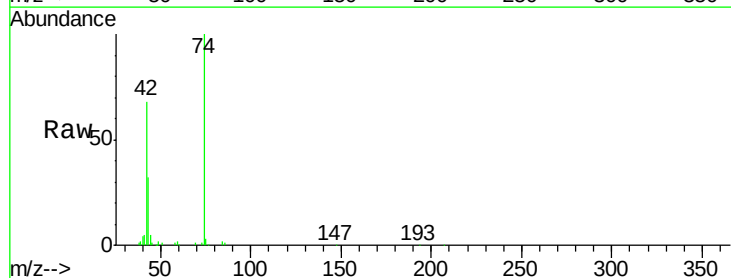
Tgt Ion: 42 Resp: 295868

Ion Ratio Lower Upper

42 100

74 147.1 117.0 175.4

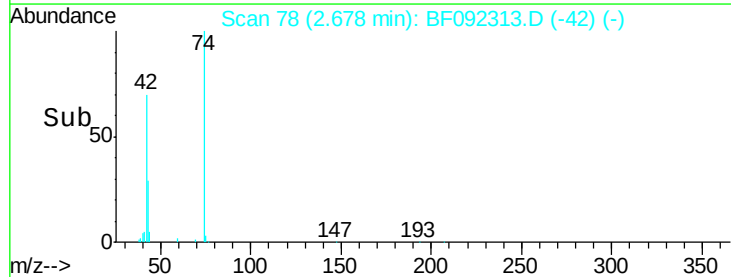
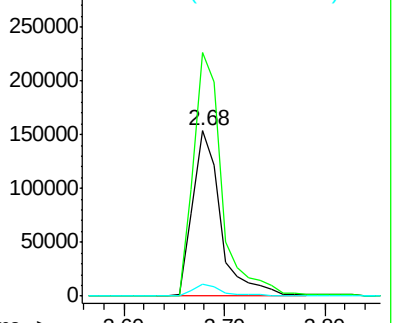
44 7.5 5.5 8.3

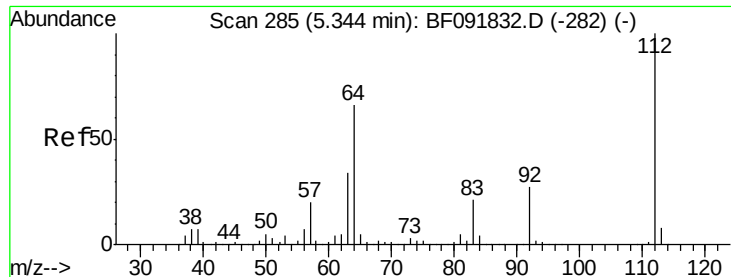


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 138.47 ng

RT: 5.17 min Scan# 296

Delta R.T. 0.02 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

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BNA_F

ClientSampleId :

TOD-WCS-011217MS

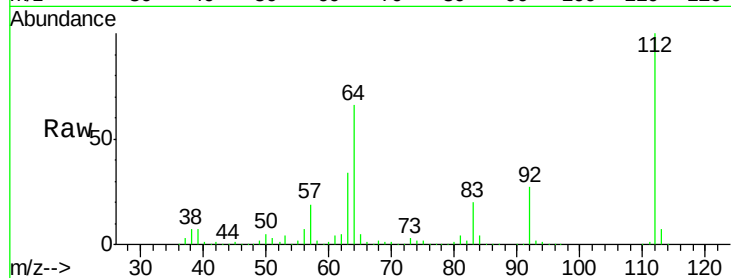
Tgt Ion: 112 Resp: 1410003

Ion Ratio Lower Upper

112 100

64 66.3 46.1 69.1

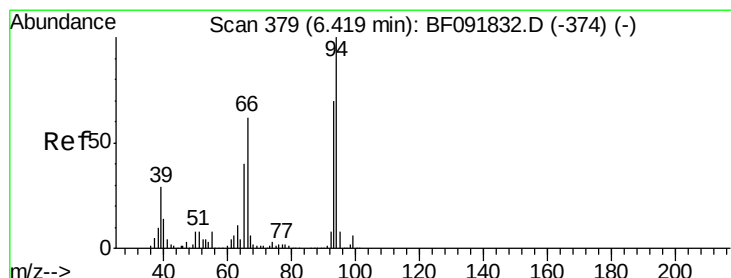
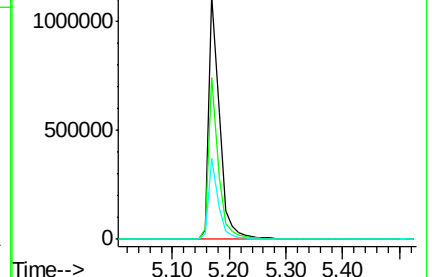
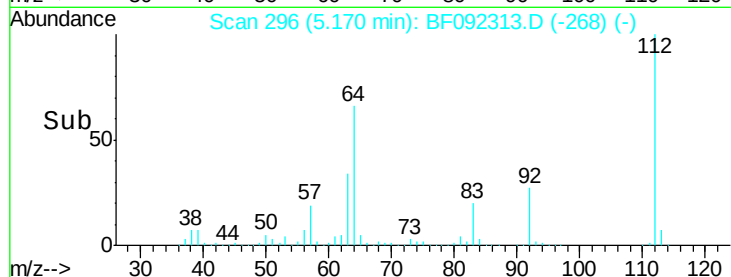
63 33.5 23.8 35.6



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 18.01 ng

RT: 6.23 min Scan# 389

Delta R.T. 0.01 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

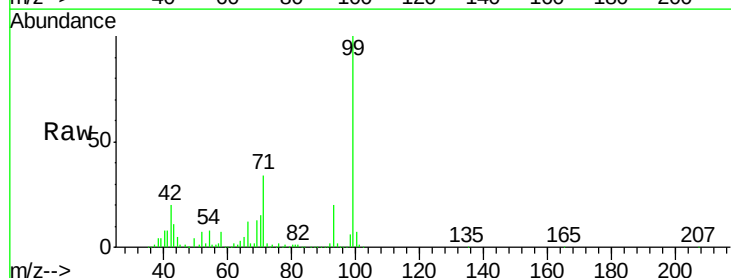
Tgt Ion: 93 Resp: 290844

Ion Ratio Lower Upper

93 100

66 61.2 76.2 114.2#

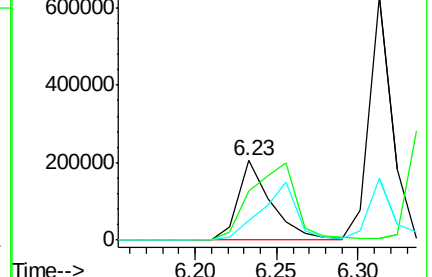
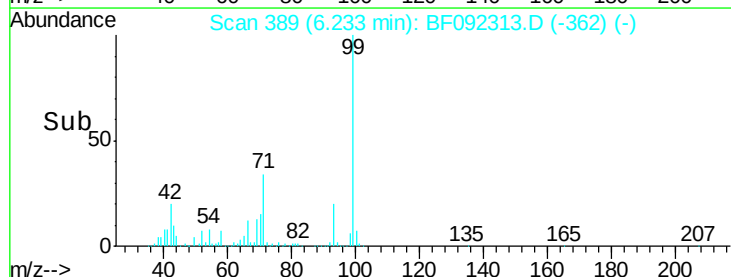
65 24.6 49.3 73.9#

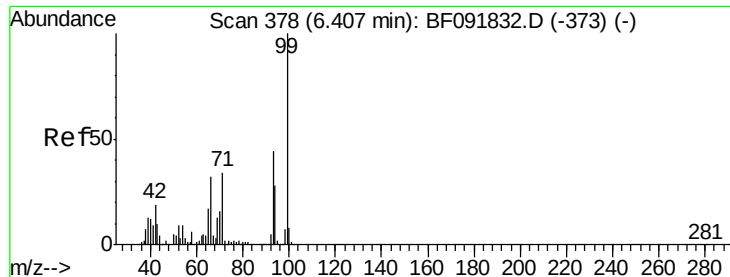


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 140.43 ng

RT: 6.24 min Scan# 390

Delta R.T. 0.01 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

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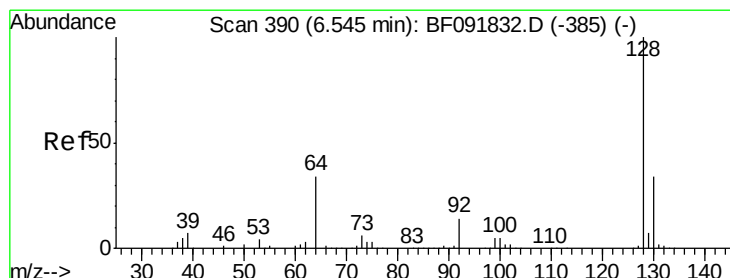
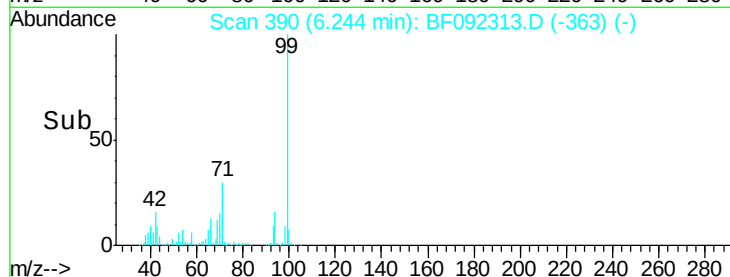
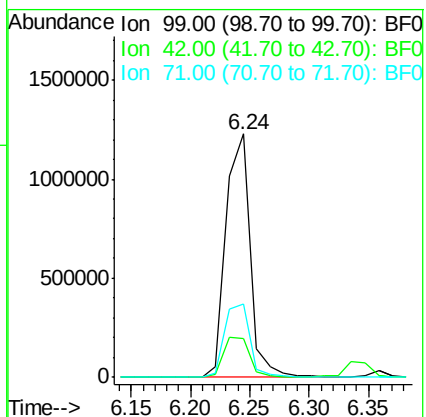
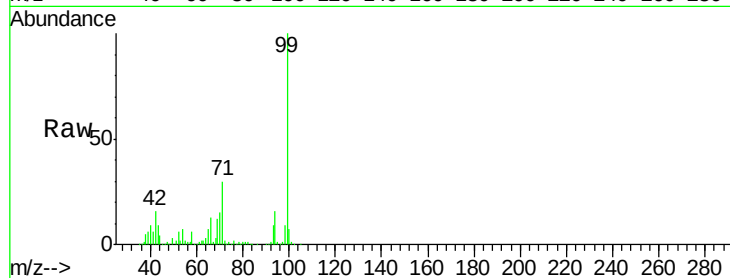
Tgt Ion: 99 Resp: 1745888

Ion Ratio Lower Upper

99 100

42 16.1 15.6 23.4

71 30.1 27.5 41.3



#8

2-Chlorophenol

Concen: 50.94 ng

RT: 6.36 min Scan# 400

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

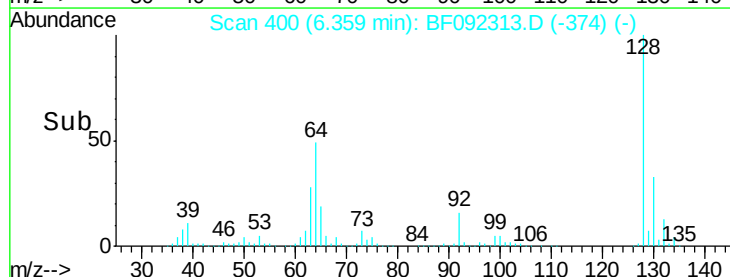
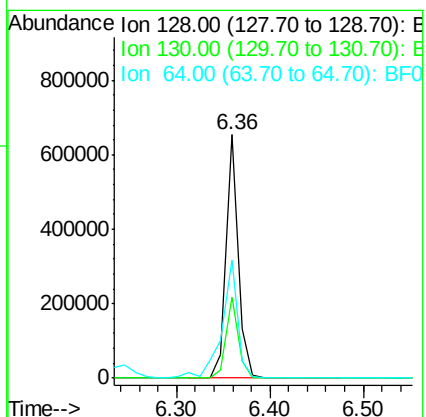
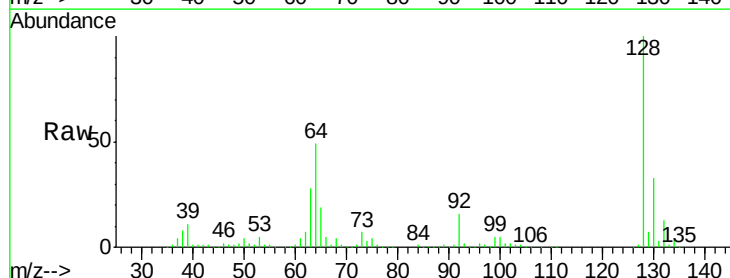
Tgt Ion: 128 Resp: 590005

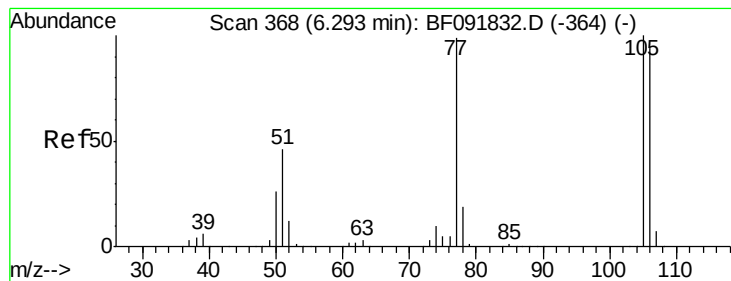
Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

64 48.6 32.2 72.2





#9

Benzaldehyde

Concen: 2.44 ng

RT: 6.12 min Scan# 379

Delta R.T. 0.01 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

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ClientSampleId :

TOD-WCS-011217MS

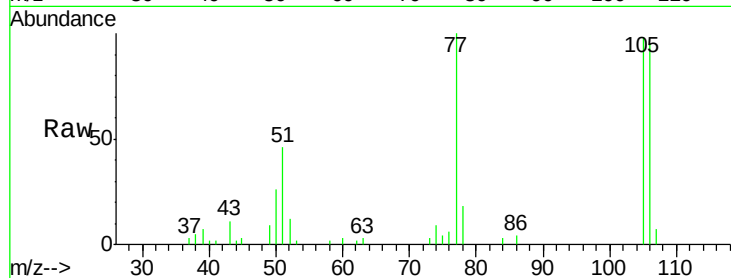
Tgt Ion: 77 Resp: 24731

Ion Ratio Lower Upper

77 100

105 97.8 83.9 123.9

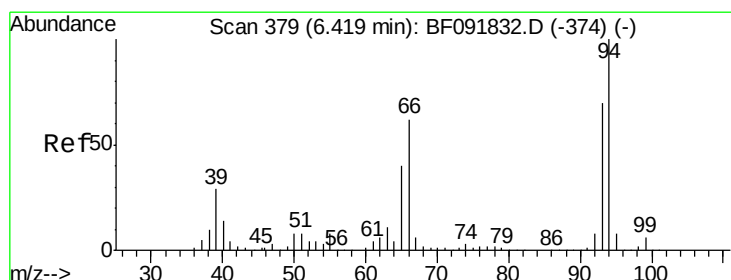
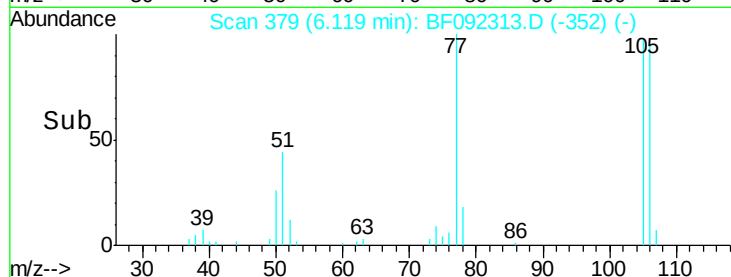
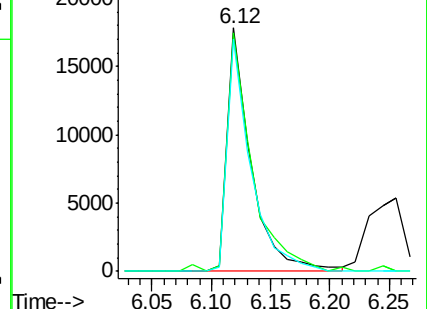
106 95.2 77.6 117.6



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: 46.68 ng

RT: 6.26 min Scan# 391

Delta R.T. 0.01 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

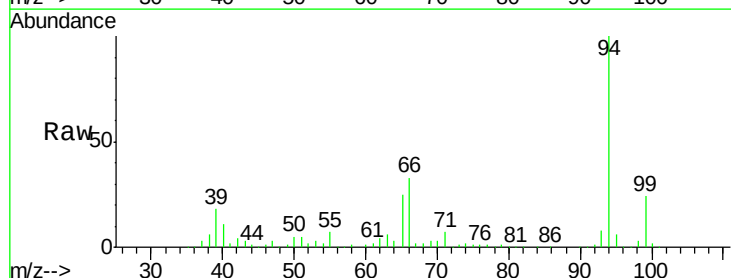
Tgt Ion: 94 Resp: 661350

Ion Ratio Lower Upper

94 100

65 24.9 21.4 61.4

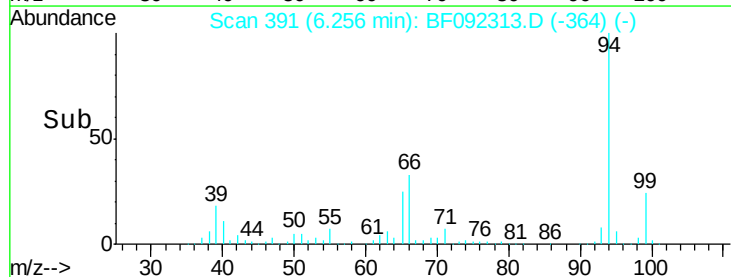
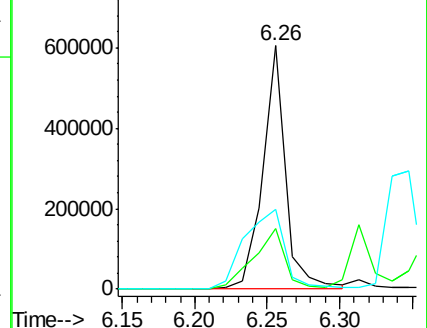
66 32.8 44.0 84.0#

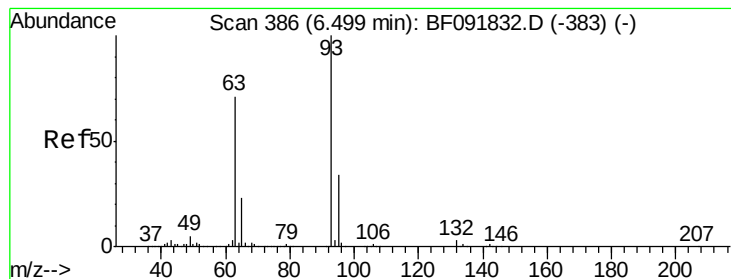


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 53.38 ng

RT: 6.31 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

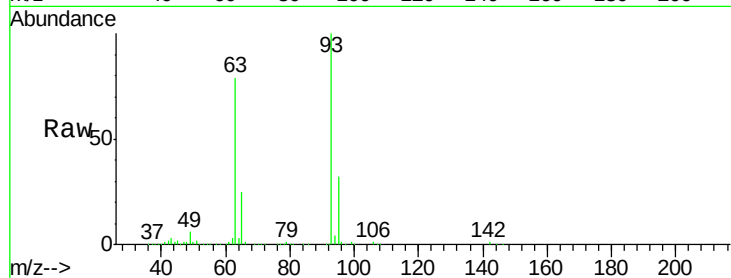
Tgt Ion: 93 Resp: 601692

Ion Ratio Lower Upper

93 100

63 79.1 60.4 100.4

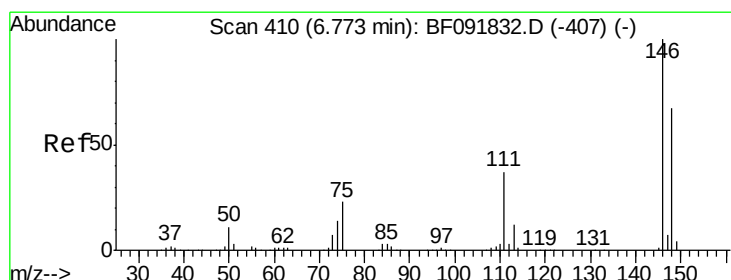
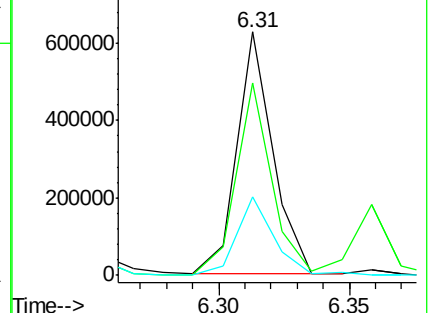
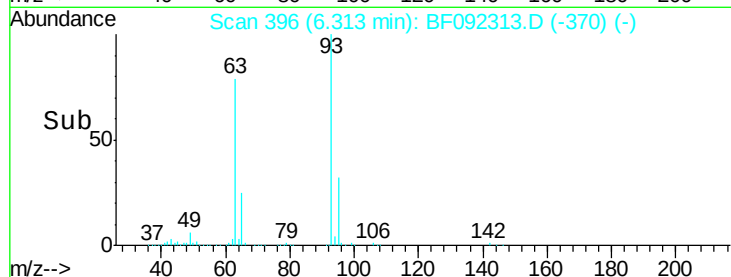
95 32.1 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 51.81 ng

RT: 6.51 min Scan# 413

Delta R.T. 0.01 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

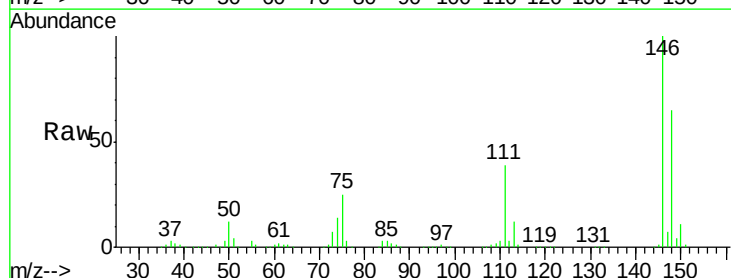
Tgt Ion: 146 Resp: 640645

Ion Ratio Lower Upper

146 100

148 64.7 53.4 80.0

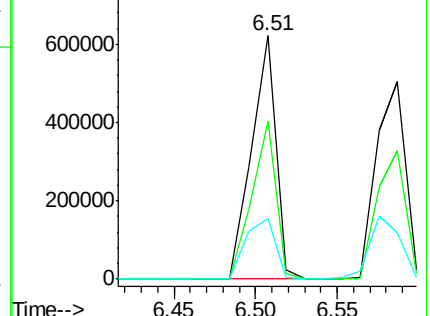
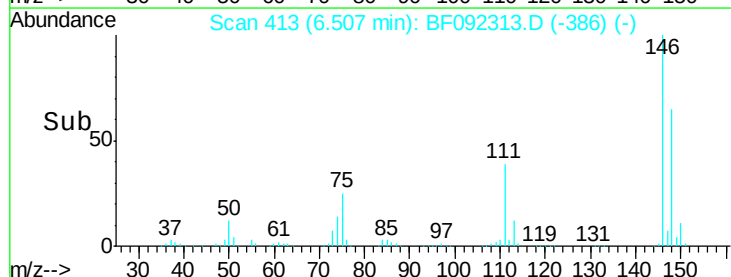
75 25.1 18.5 27.7

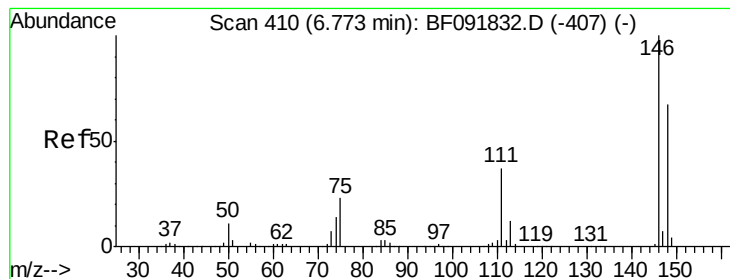


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 49.91 ng

RT: 6.59 min Scan# 420

Delta R.T. 0.01 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

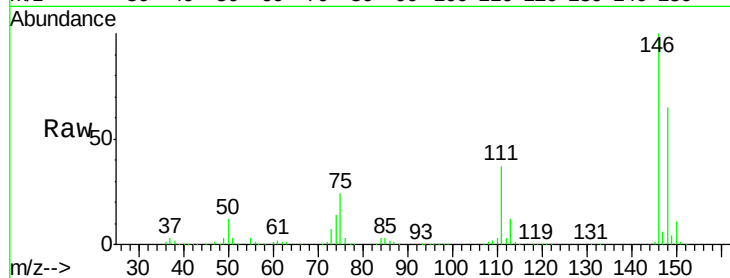
Tgt Ion:146 Resp: 628123

Ion Ratio Lower Upper

146 100

148 64.7 50.6 76.0

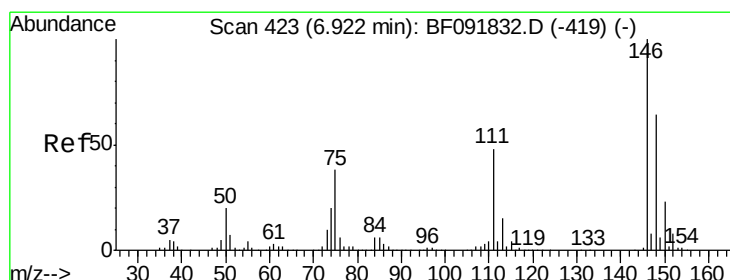
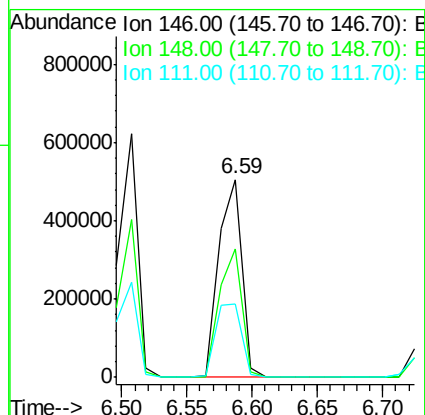
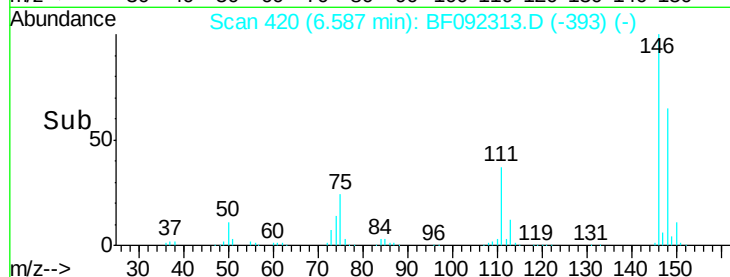
111 36.8 36.2 54.4



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 55.53 ng

RT: 6.74 min Scan# 433

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

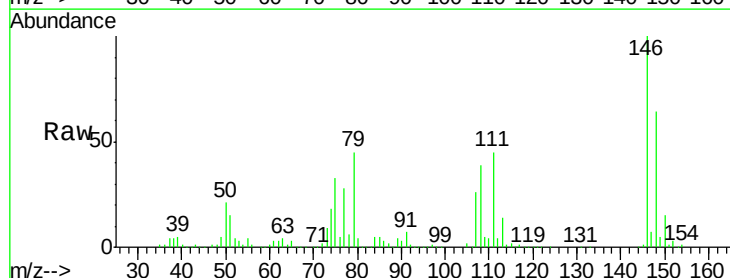
Tgt Ion:146 Resp: 606394

Ion Ratio Lower Upper

146 100

148 63.9 52.2 78.2

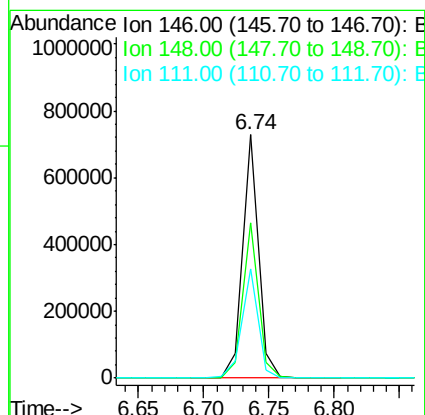
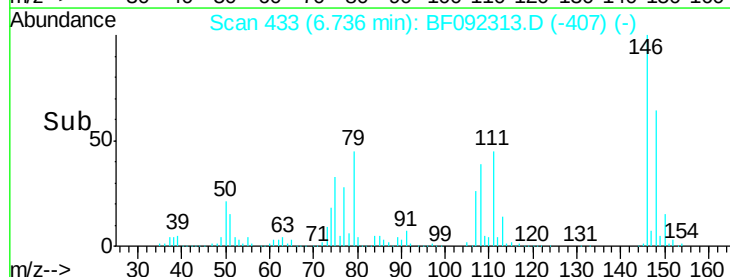
111 45.0 36.2 54.2

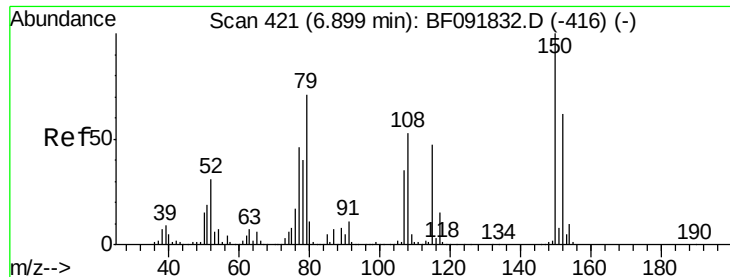


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 55.14 ng

RT: 6.74 min Scan# 433

Delta R.T. 0.01 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

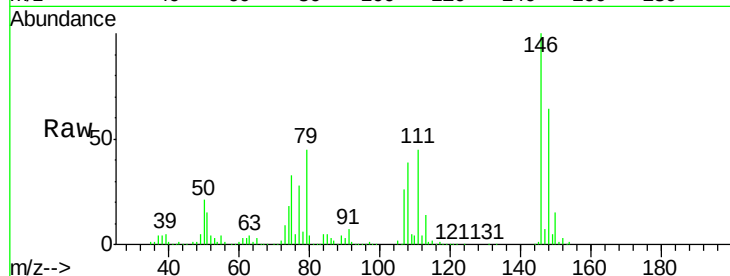
Tgt Ion: 79 Resp: 532662

Ion Ratio Lower Upper

79 100

108 87.4 61.4 92.0

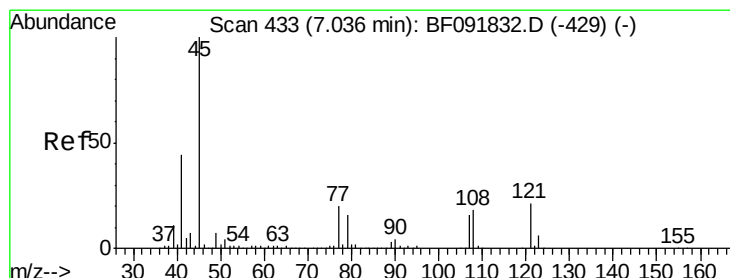
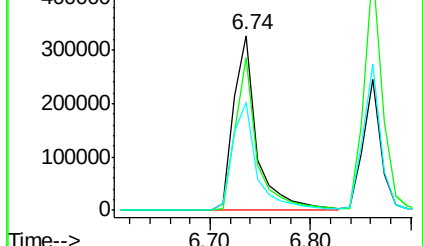
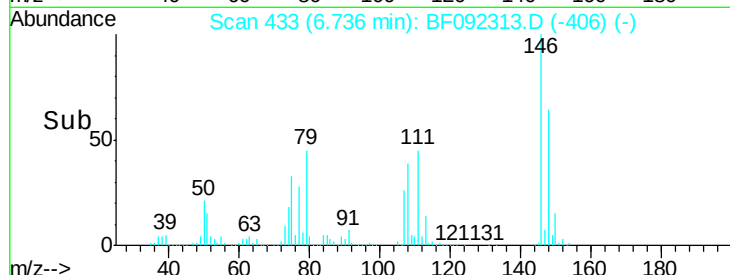
77 61.5 50.9 76.3



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 54.04 ng

RT: 6.86 min Scan# 444

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

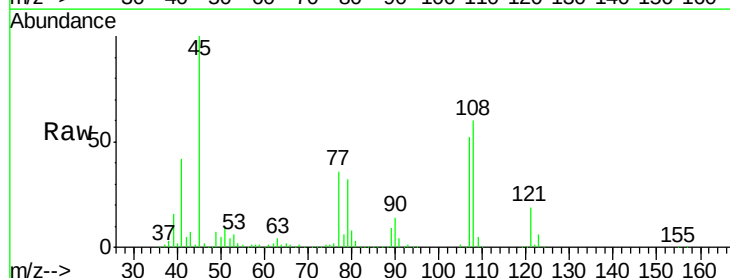
Tgt Ion: 45 Resp: 907072

Ion Ratio Lower Upper

45 100

77 35.8 0.0 34.6#

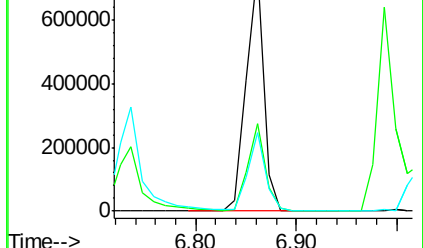
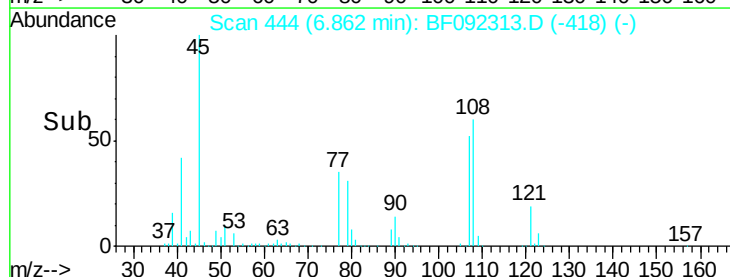
79 32.2 0.0 31.2#

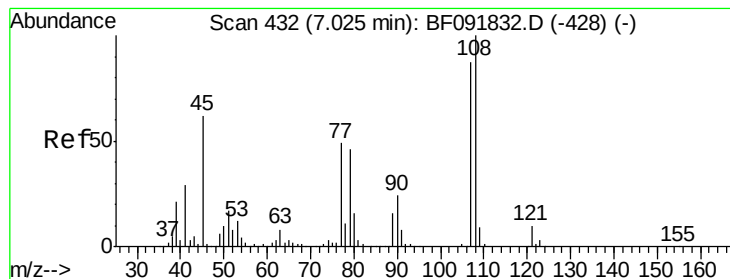


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 52.31 ng

RT: 6.86 min Scan# 444

Delta R.T. 0.01 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

Tgt Ion:107 Resp: 487268

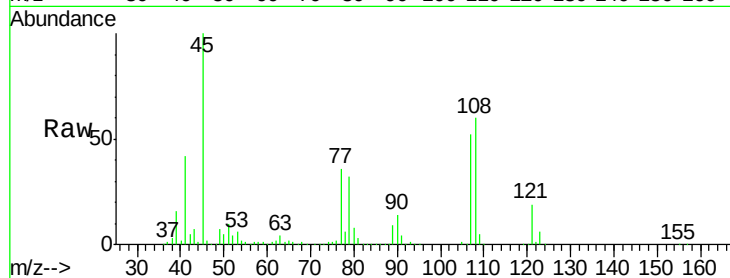
Ion Ratio Lower Upper

107 100

108 114.7 93.0 139.6

77 68.7 39.8 59.8#

79 61.8 38.0 57.0#

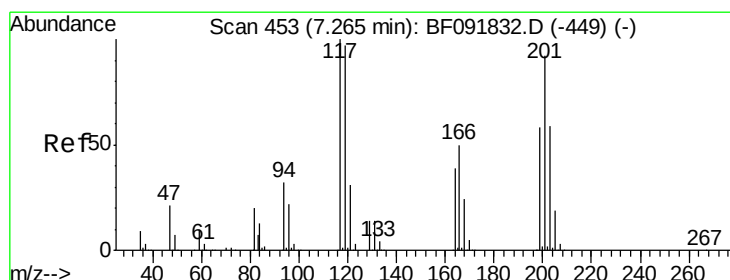
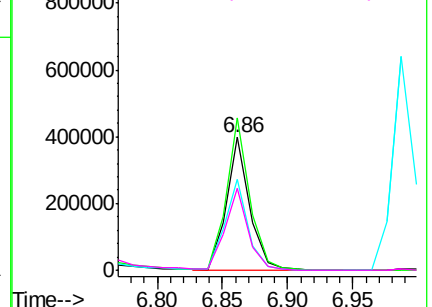
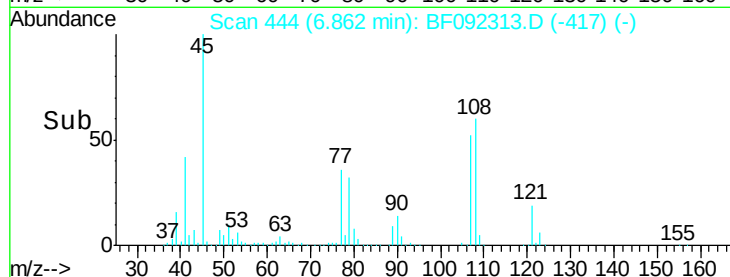


Abundance Ion 107.00 (106.70 to 107.70): E

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: 55.08 ng

RT: 7.07 min Scan# 462

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

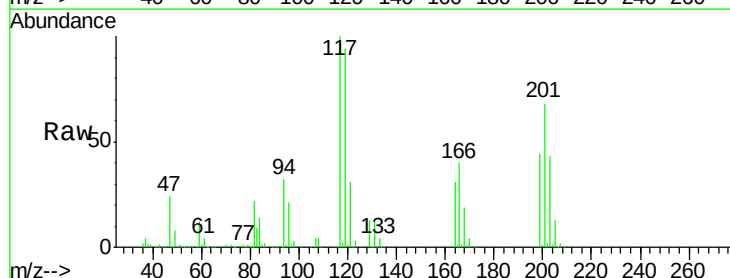
Tgt Ion:117 Resp: 256992

Ion Ratio Lower Upper

117 100

119 94.3 78.1 117.1

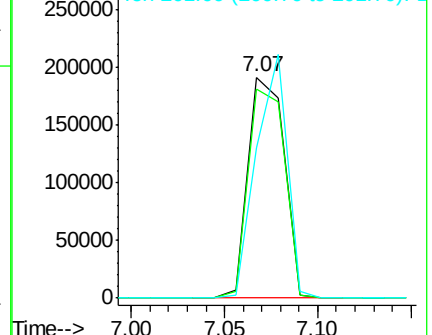
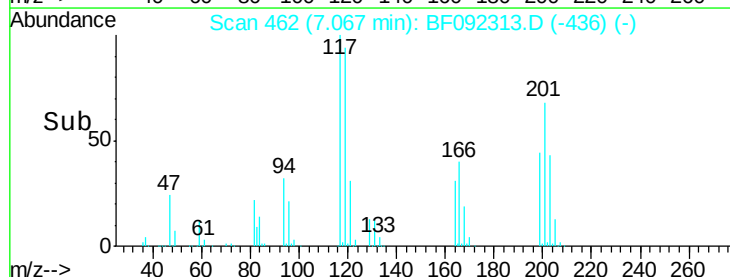
201 67.8 78.6 117.8#

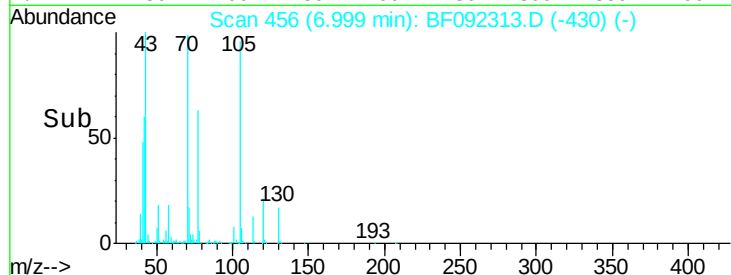
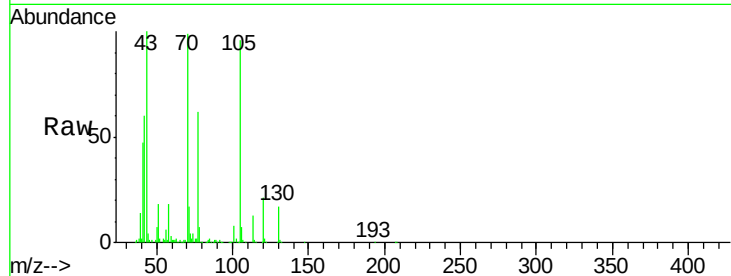
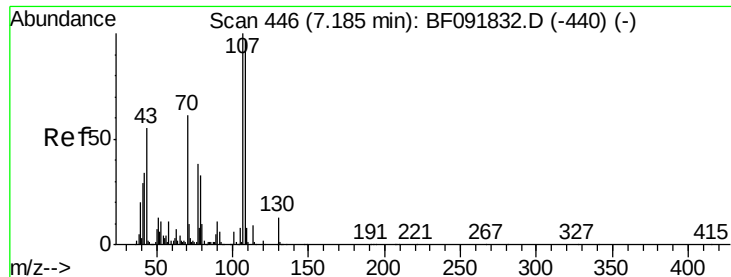


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

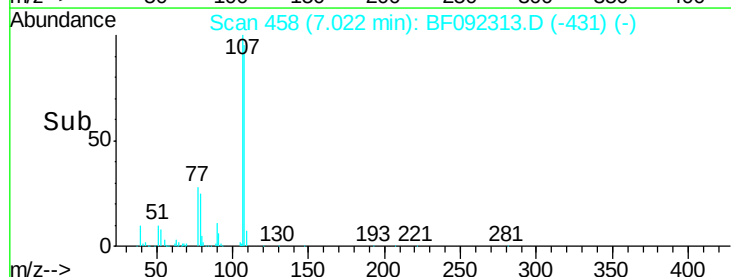
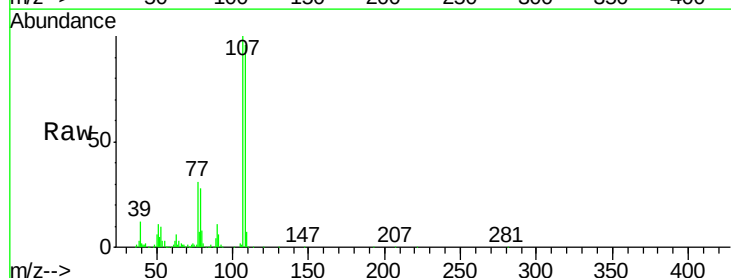
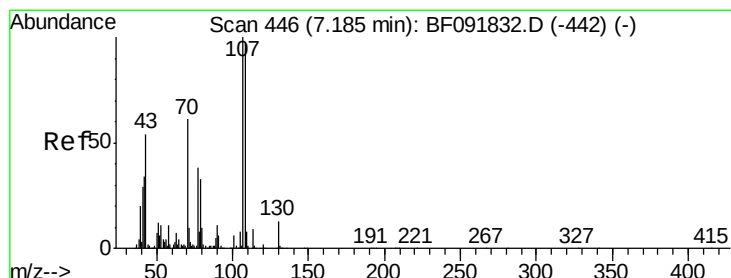
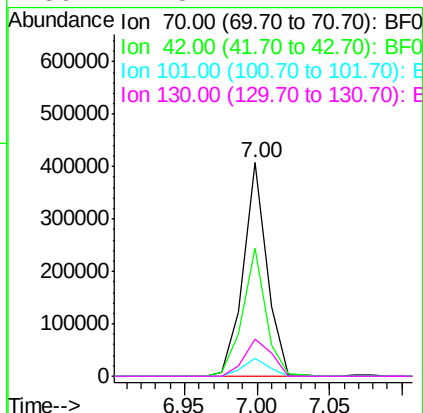




#19
n-Nitroso-di-n-propylamine
Concen: 56.00 ng
RT: 7.00 min Scan# 456
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

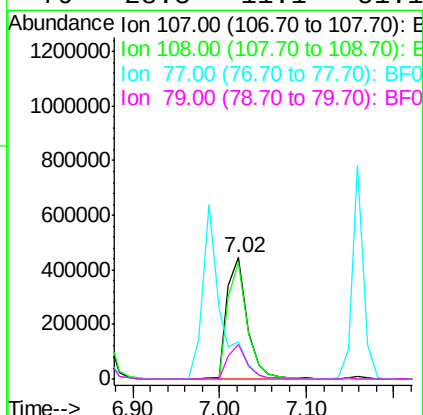
Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MS

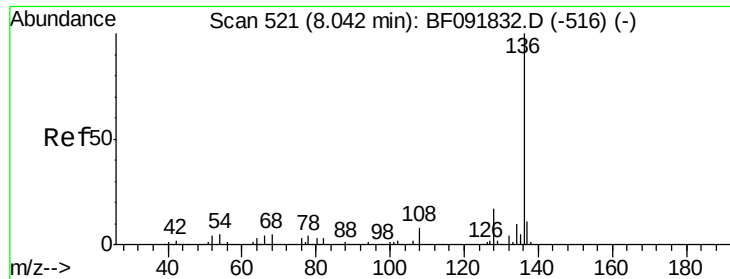
Tgt Ion:	70	Resp:	463154
Ion	Ratio	Lower	Upper
70	100		
42	60.2	49.4	74.0
101	8.5	7.4	11.2
130	17.3	14.2	21.4



#20
3+4-Methylphenols
Concen: 64.87 ng
RT: 7.02 min Scan# 458
Delta R.T. 0.01 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Tgt Ion:	107	Resp:	720743
Ion	Ratio	Lower	Upper
107	100		
108	96.0	73.0	113.0
77	31.1	71.3	111.3#
79	28.3	11.1	51.1

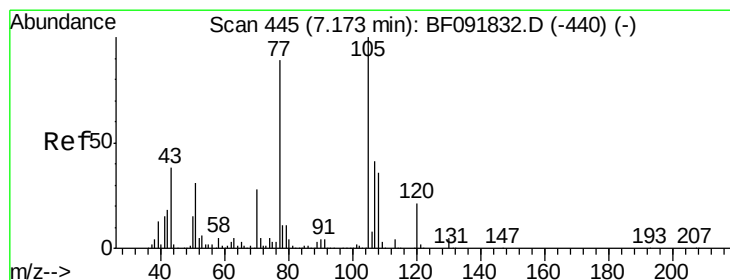
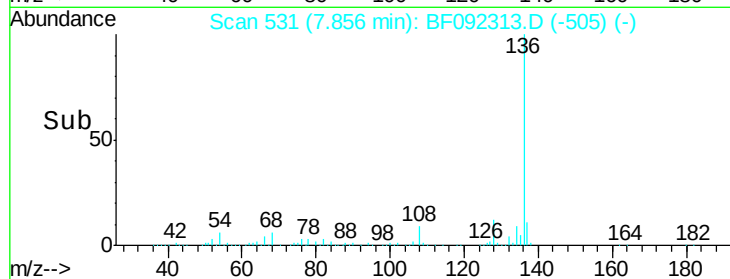
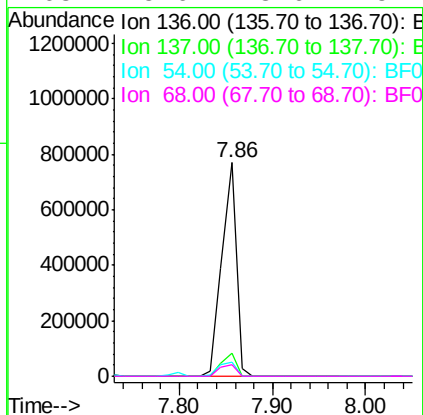
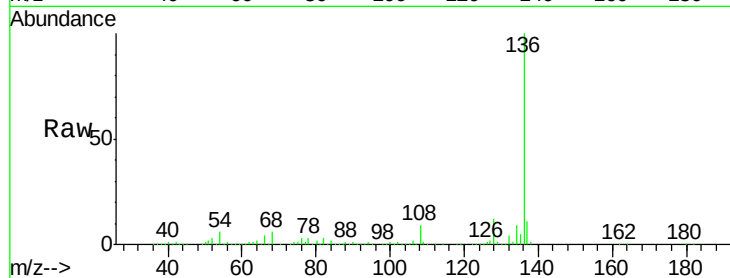




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

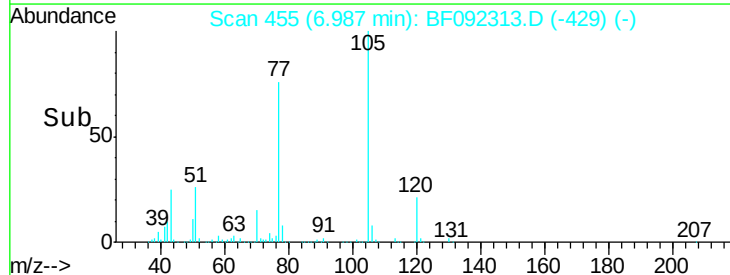
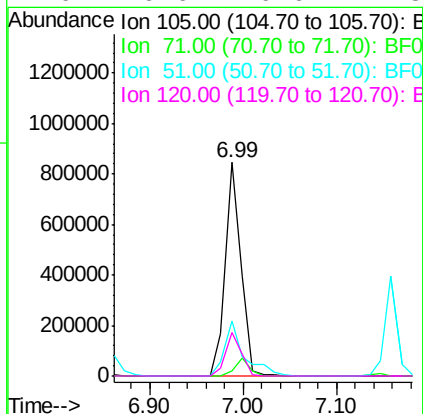
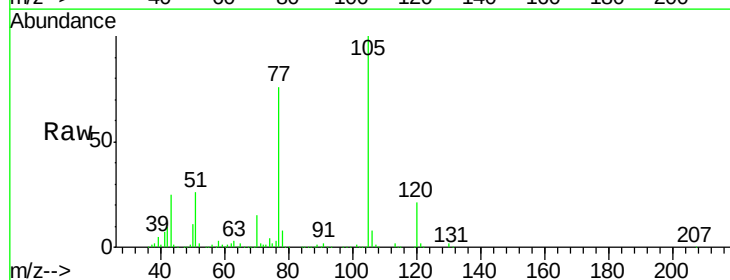
Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MS

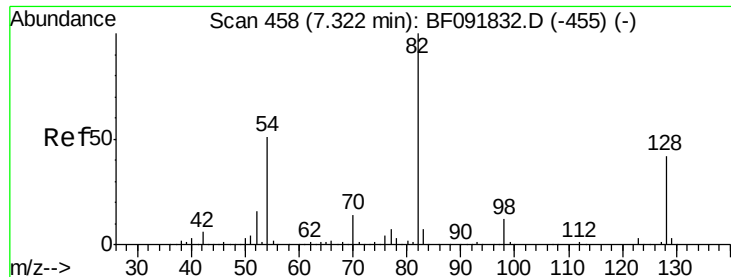
Tgt Ion:	136	Resp:	825944
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	6.3	4.5	6.7
68	5.6	3.6	5.4#



#22
Acetophenone
Concen: 48.57 ng
RT: 6.99 min Scan# 455
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Tgt Ion:	105	Resp:	989417
Ion	Ratio	Lower	Upper
105	100		
71	2.5	3.2	4.8#
51	25.7	26.2	39.4#
120	20.6	16.6	24.8

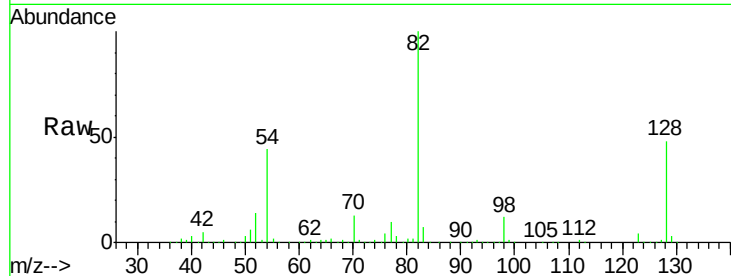




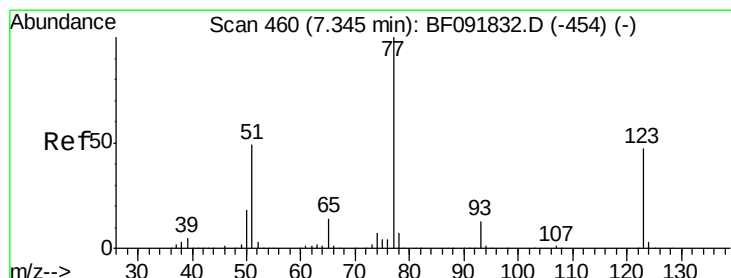
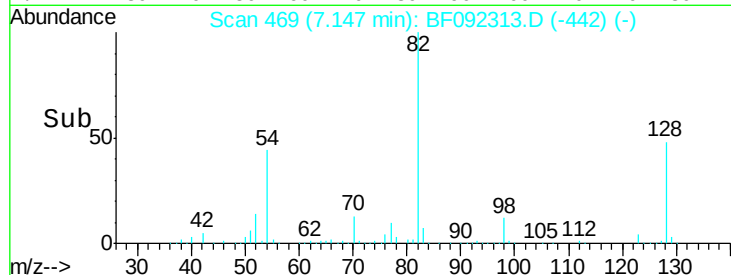
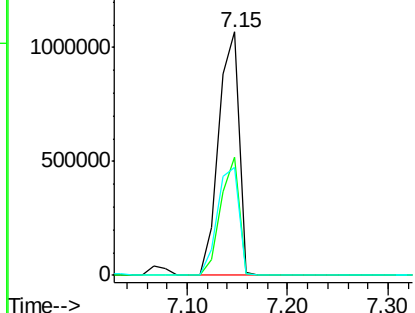
#23
 Nitrobenzene-d5
 Concen: 100.83 ng
 RT: 7.15 min Scan# 469
 Delta R.T. 0.01 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MS

Tgt Ion: 82 Resp: 1497638
 Ion Ratio Lower Upper
 82 100
 128 48.3 34.6 52.0
 54 44.3 39.5 59.3

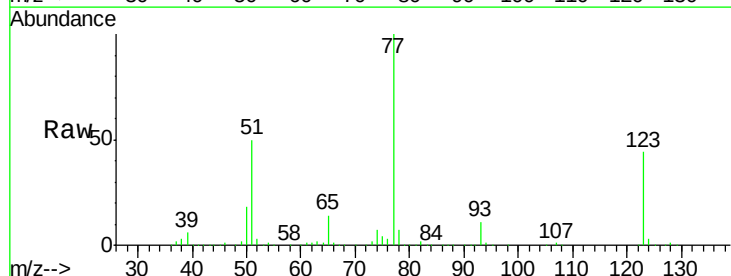


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

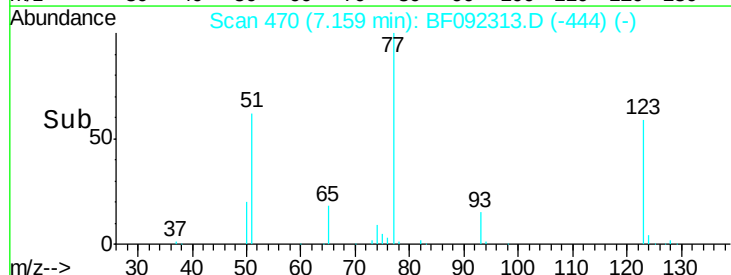
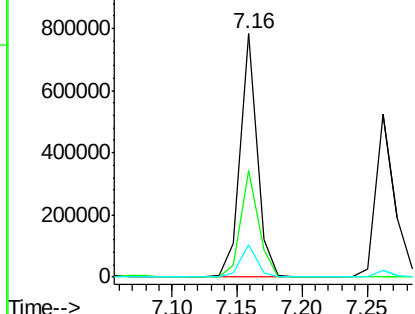


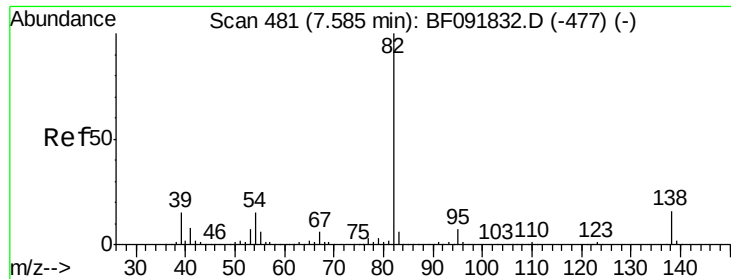
#24
 Nitrobenzene
 Concen: 44.26 ng
 RT: 7.16 min Scan# 470
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Tgt Ion: 77 Resp: 700161
 Ion Ratio Lower Upper
 77 100
 123 44.0 33.0 49.4
 65 13.6 11.2 16.8



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





#25

Isophorone

Concen: 52.49 ng

RT: 7.40 min Scan# 491

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

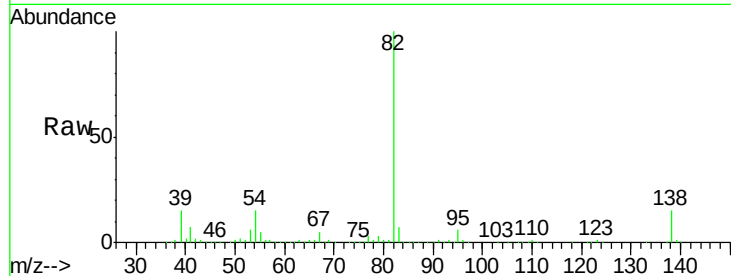
Tgt Ion: 82 Resp: 1438466

Ion Ratio Lower Upper

82 100

95 6.0 5.6 8.4

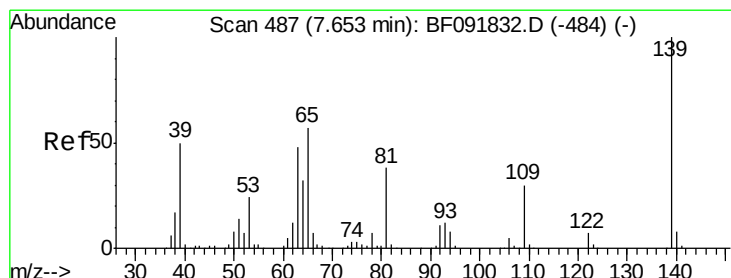
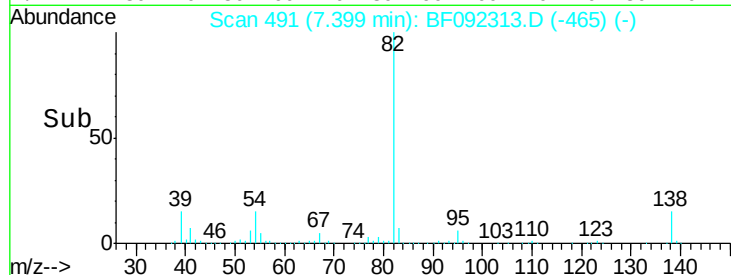
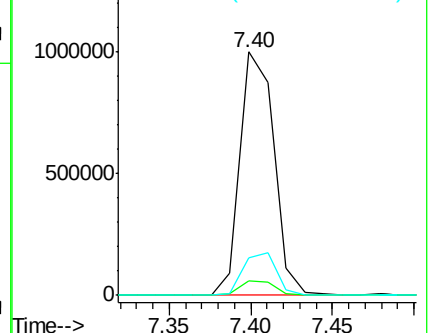
138 15.4 14.6 22.0



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 52.41 ng

RT: 7.48 min Scan# 498

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

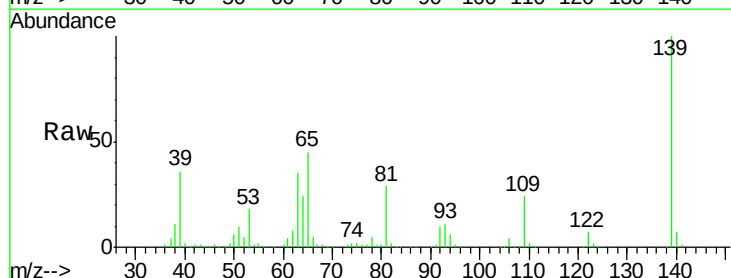
Tgt Ion: 139 Resp: 408870

Ion Ratio Lower Upper

139 100

109 23.7 23.3 34.9

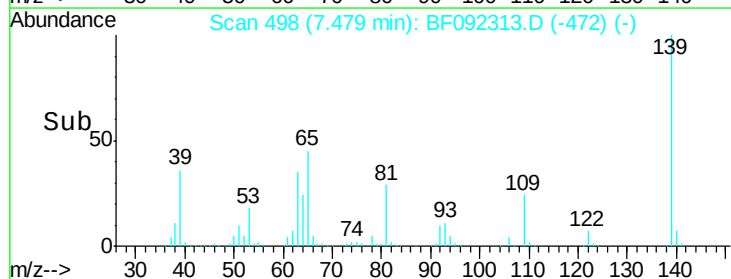
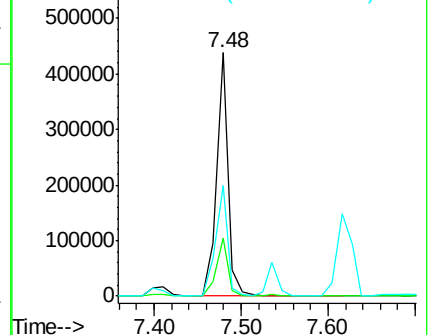
65 45.2 42.7 64.1

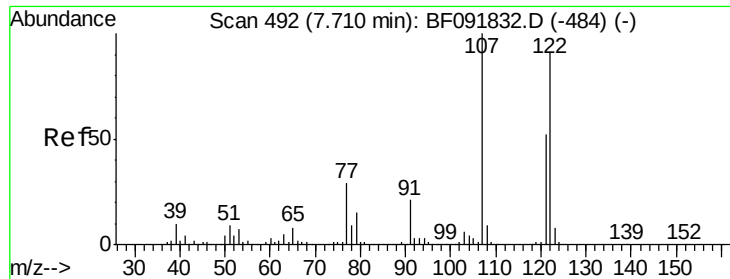


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0

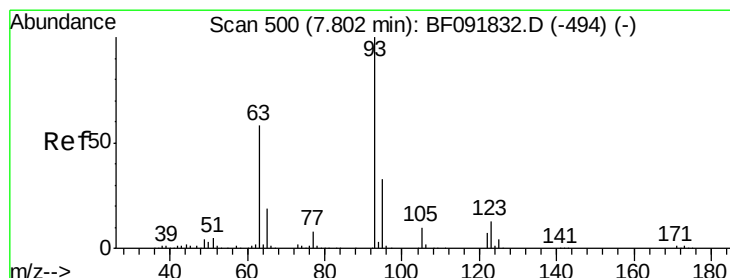
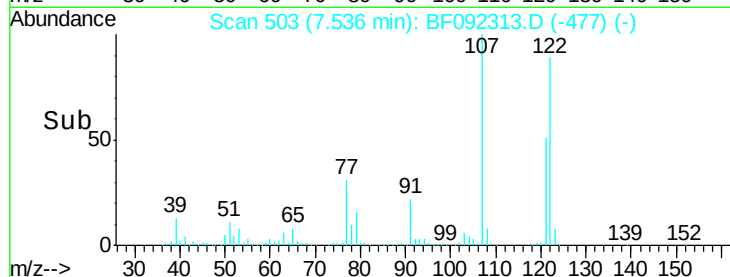
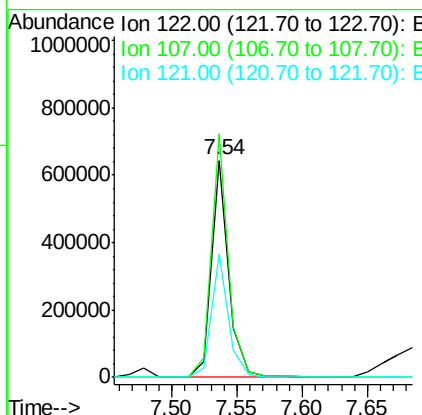
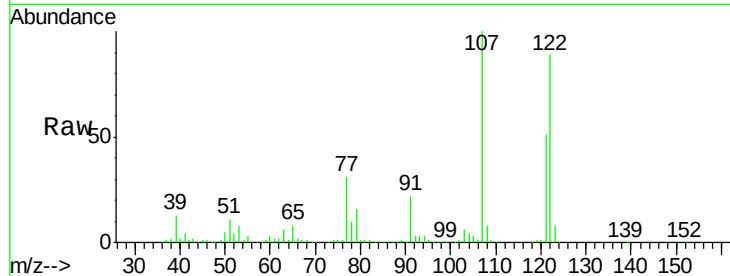




#27
 2,4-Dimethylphenol
 Concen: 46.10 ng
 RT: 7.54 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

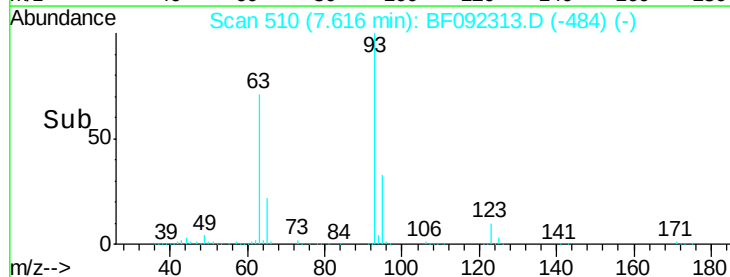
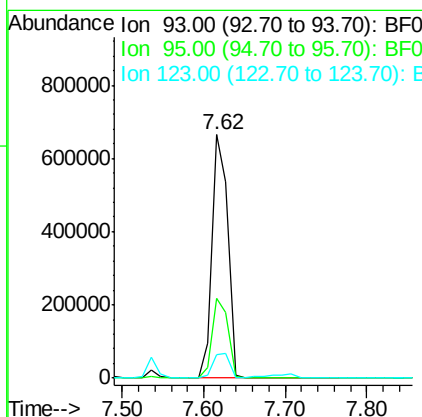
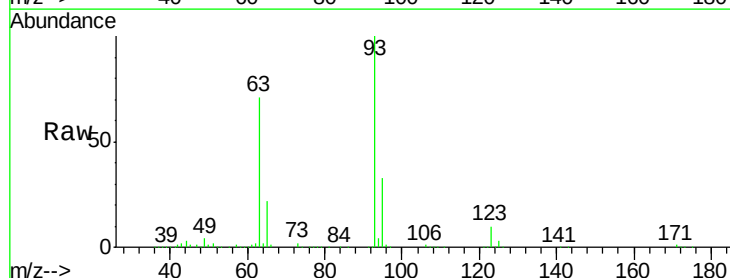
Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MS

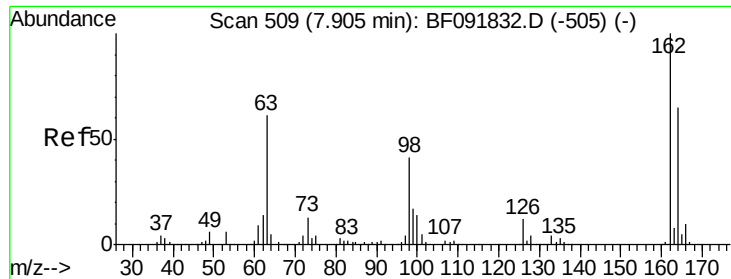
Tgt Ion: 122 Resp: 596520
 Ion Ratio Lower Upper
 122 100
 107 112.1 94.1 141.1
 121 56.8 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 54.40 ng
 RT: 7.62 min Scan# 510
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Tgt Ion: 93 Resp: 904047
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.5 39.7
 123 9.7 8.6 13.0

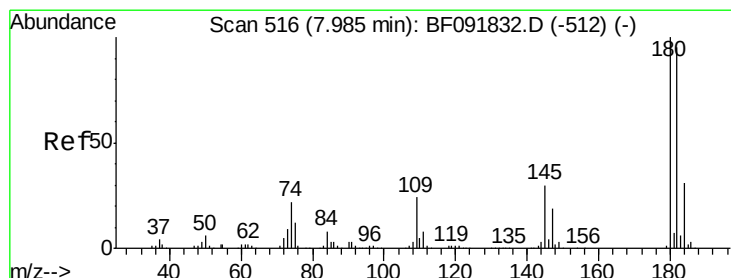
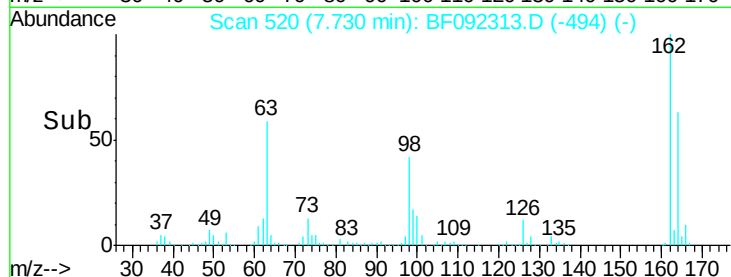
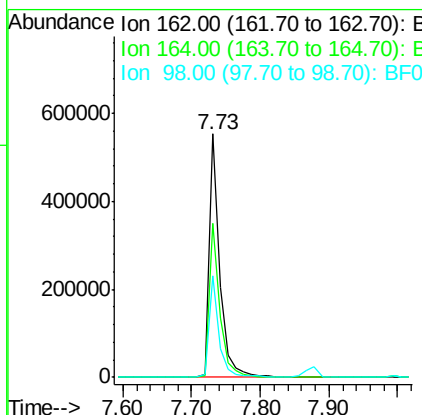
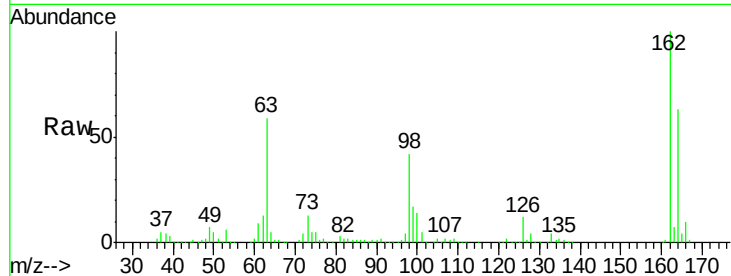




#29
 2,4-Dichlorophenol
 Concen: 54.47 ng
 RT: 7.73 min Scan# 520
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

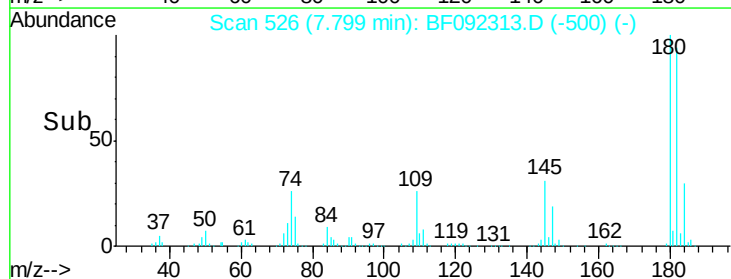
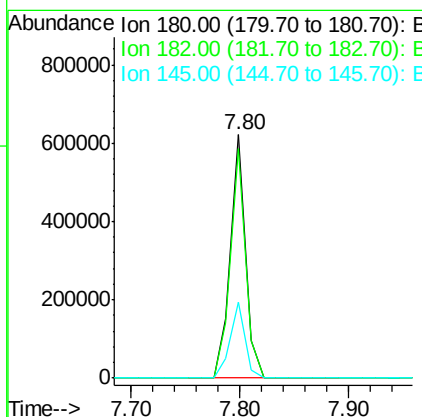
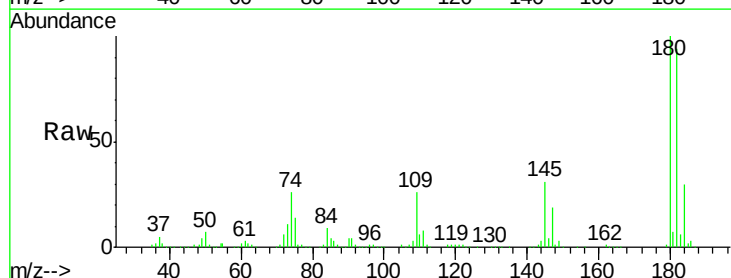
Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MS

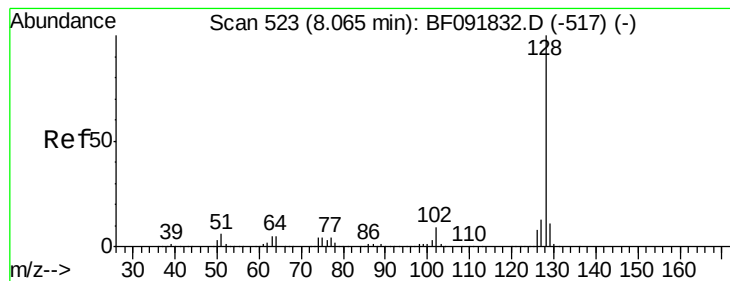
Tgt Ion	Ratio	Resp	Lower	Upper
162	100	596886		
164	63.3	46.8	86.8	
98	41.8	9.1	49.1	



#30
 1,2,4-Trichlorobenzene
 Concen: 49.94 ng
 RT: 7.80 min Scan# 526
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	599618		
182	94.3	78.2	117.4	
145	31.2	21.6	32.4	





#31

Naphthalene

Concen: 55.92 ng

RT: 7.88 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

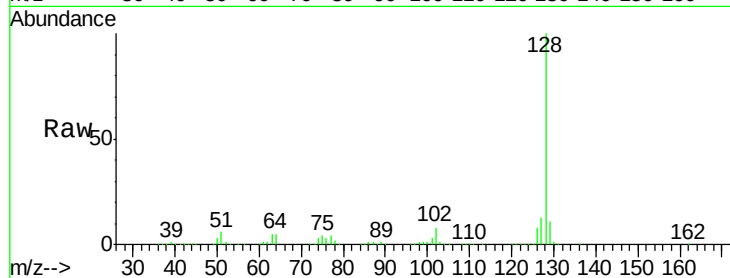
Tgt Ion:128 Resp: 2113720

Ion Ratio Lower Upper

128 100

129 11.3 9.5 14.3

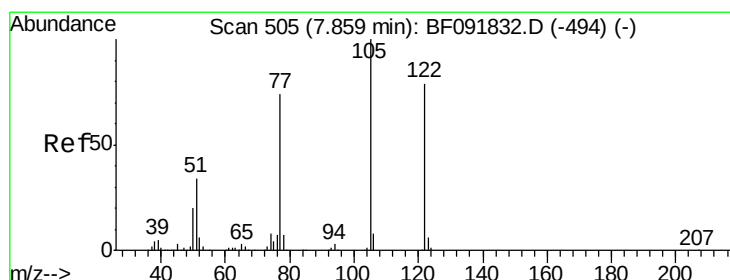
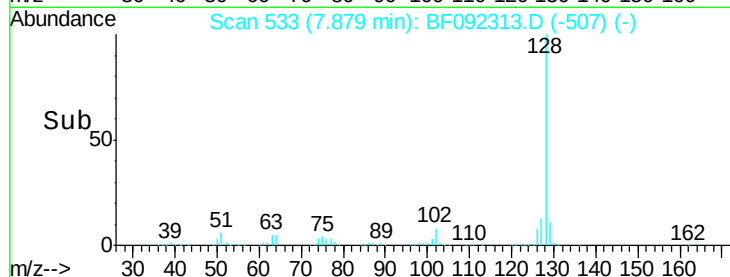
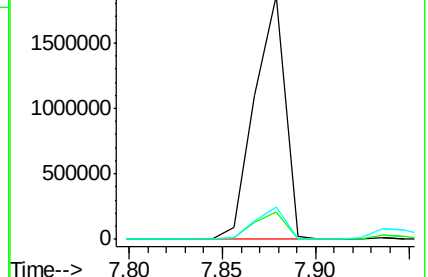
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.24 ng

RT: 7.71 min Scan# 518

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

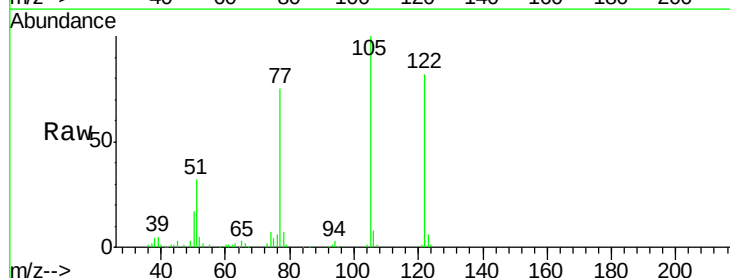
Tgt Ion:122 Resp: 357372

Ion Ratio Lower Upper

122 100

105 121.8 107.2 147.2

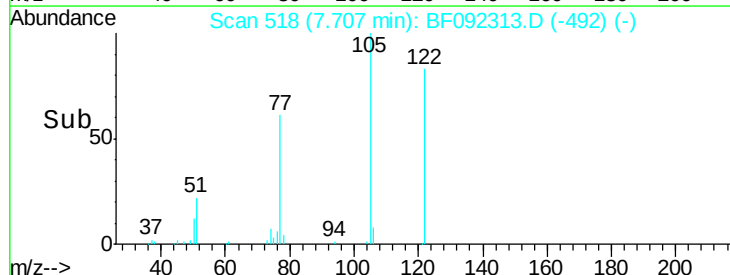
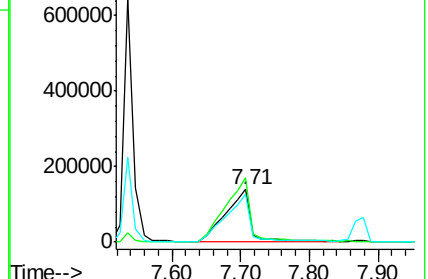
77 91.5 74.5 114.5

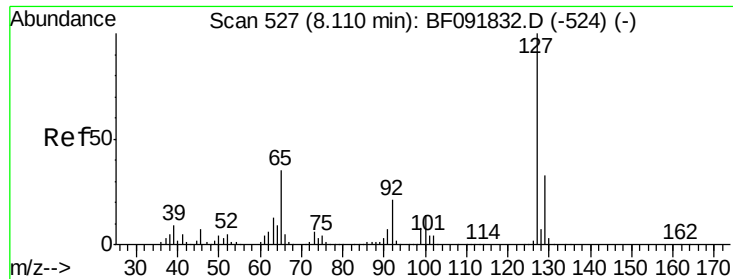


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

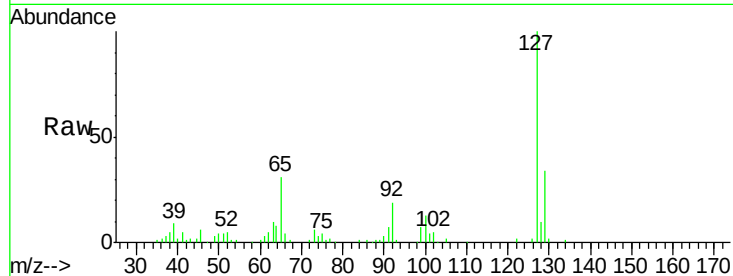




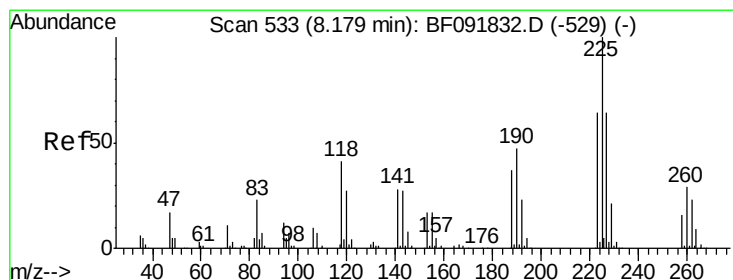
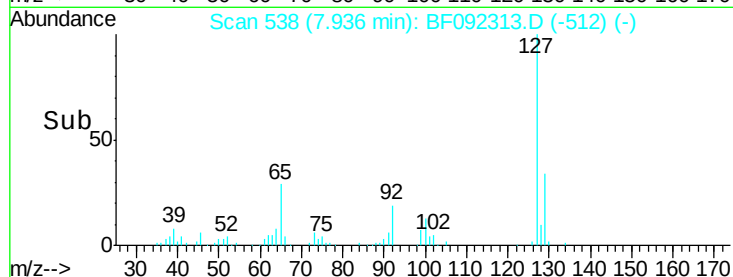
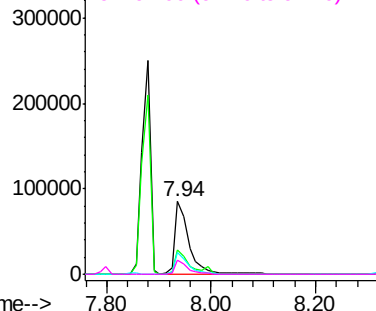
#33
4-Chloroaniline
Concen: 9.55 ng
RT: 7.94 min Scan# 538
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MS

Tgt Ion:	127	Resp:	162761
Ion	Ratio	Lower	Upper
127	100		
129	33.5	26.3	39.5
65	30.7	25.8	38.8
92	19.0	16.1	24.1

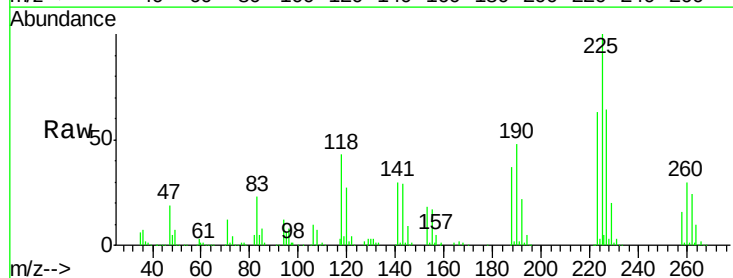


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

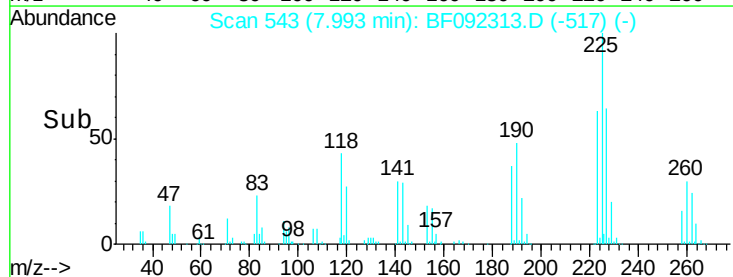
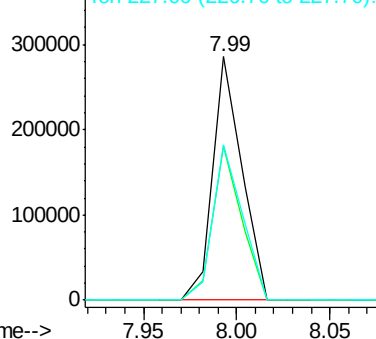


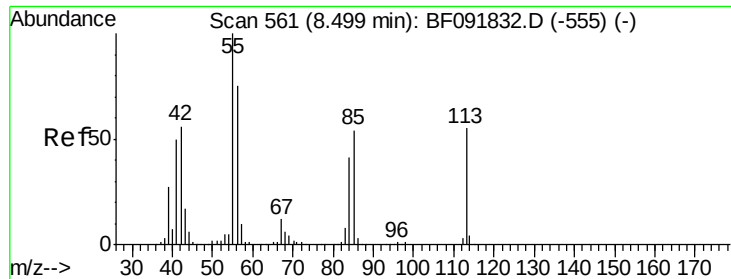
#34
Hexachlorobutadiene
Concen: 49.03 ng
RT: 7.99 min Scan# 543
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Tgt Ion:	225	Resp:	310732
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.0	76.6
227	63.7	50.6	76.0



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 26.64 ng

RT: 8.32 min Scan# 572

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

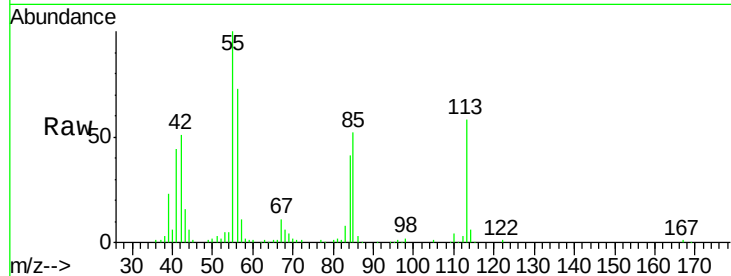
Tgt Ion:113 Resp: 95924

Ion Ratio Lower Upper

113 100

55 171.9 119.2 159.2#

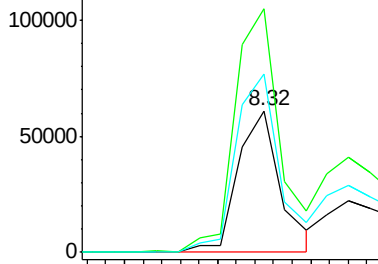
56 125.5 83.8 123.8#



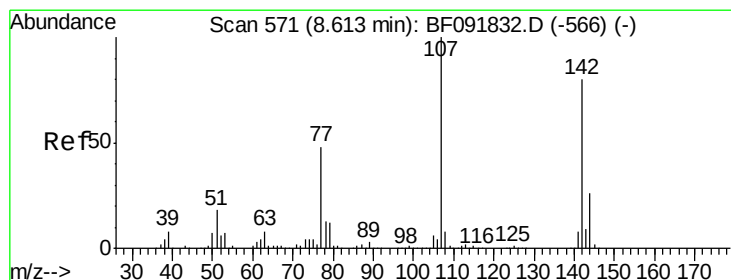
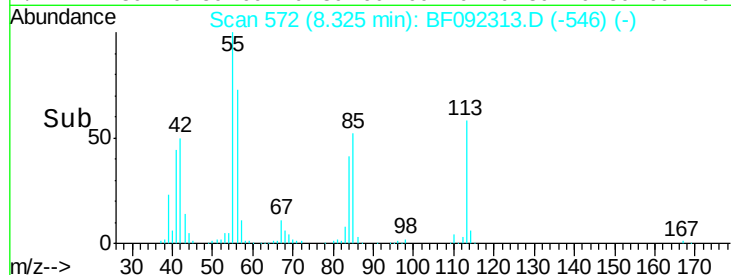
Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



Time-->



#36

4-Chloro-3-methylphenol

Concen: 50.85 ng

RT: 8.45 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

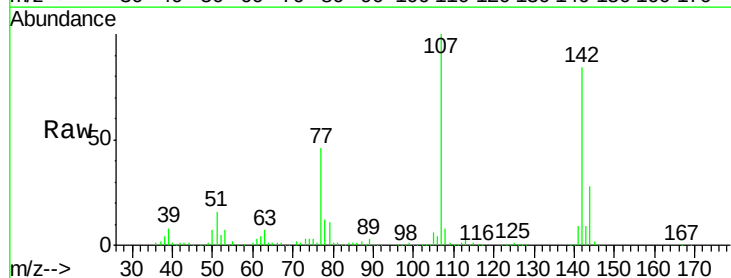
Tgt Ion:107 Resp: 641139

Ion Ratio Lower Upper

107 100

144 27.7 19.3 28.9

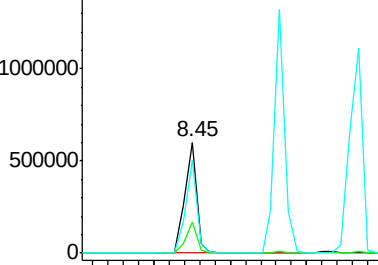
142 83.7 59.0 88.6



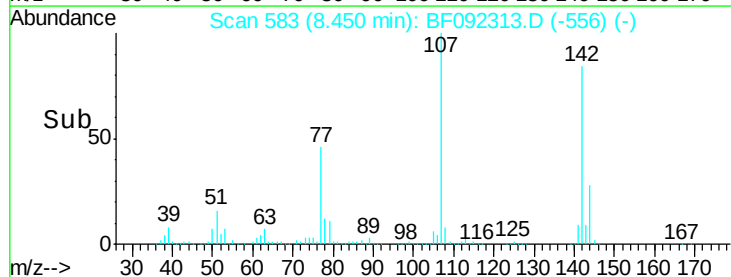
Abundance Ion 107.00 (106.70 to 107.70): E

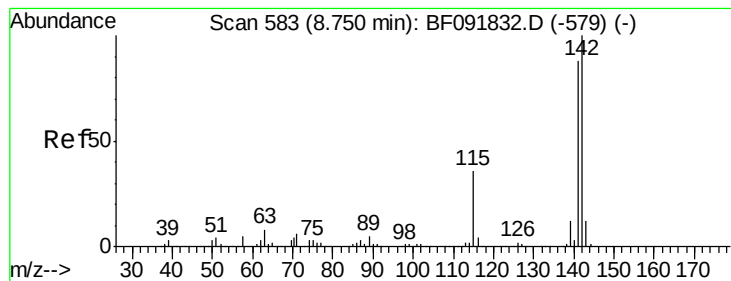
Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



Time-->





#37

2-Methylnaphthalene

Concen: 61.74 ng

RT: 8.56 min Scan# 593

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

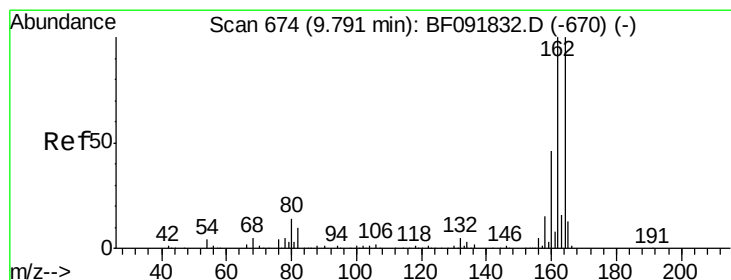
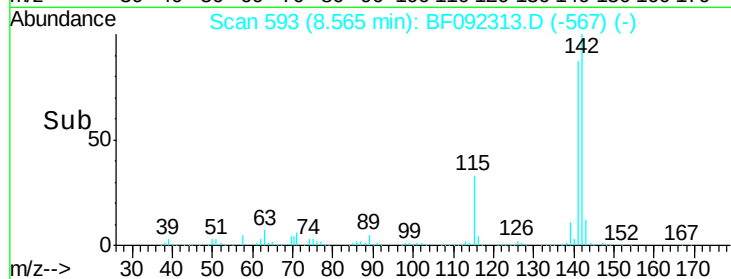
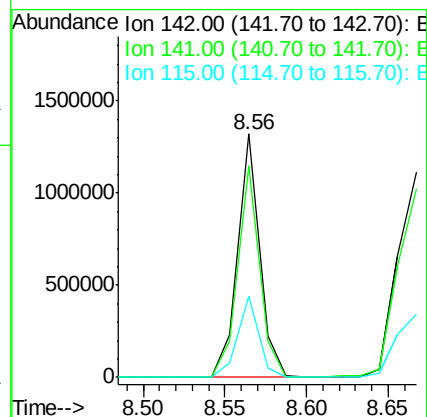
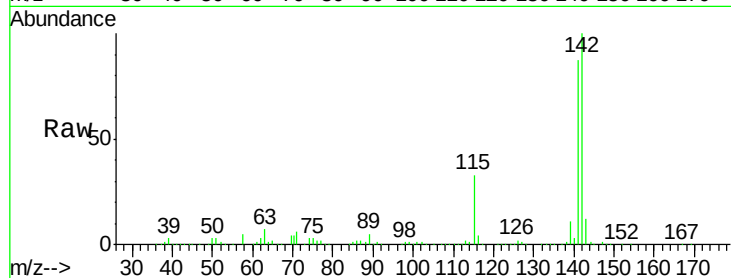
Tgt Ion:142 Resp: 1225886

Ion Ratio Lower Upper

142 100

141 86.7 71.0 106.6

115 33.3 28.3 42.5



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.60 min Scan# 684

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

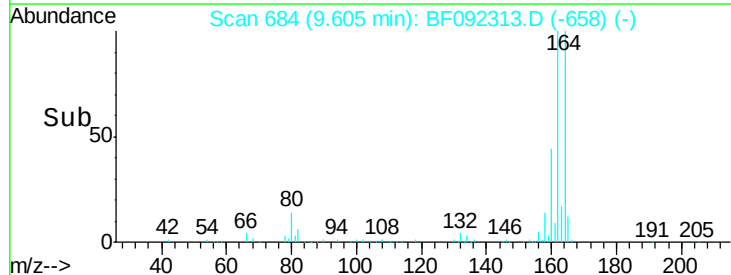
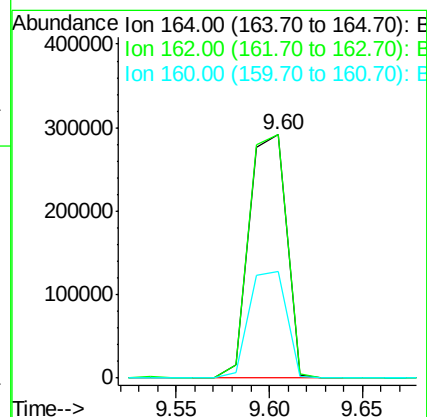
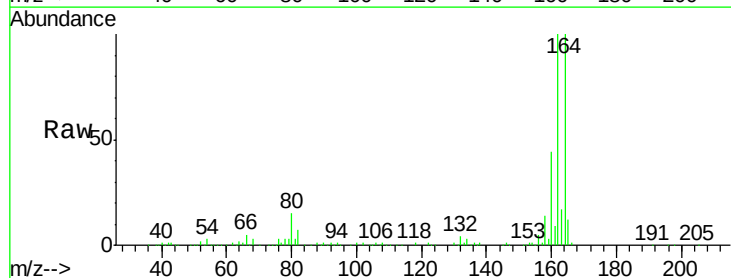
Tgt Ion:164 Resp: 403258

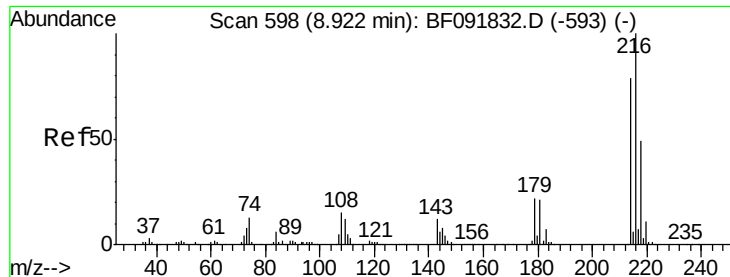
Ion Ratio Lower Upper

164 100

162 99.9 80.2 120.2

160 43.8 36.9 55.3

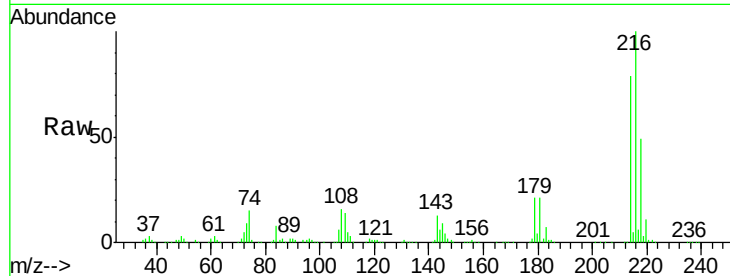




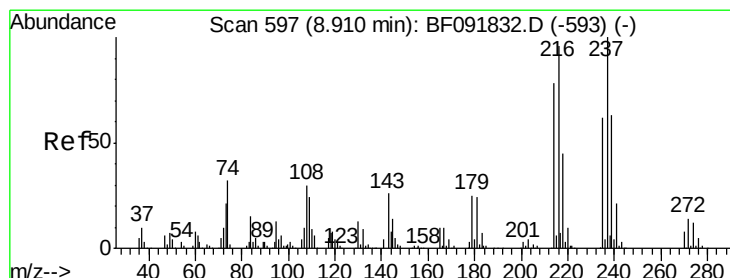
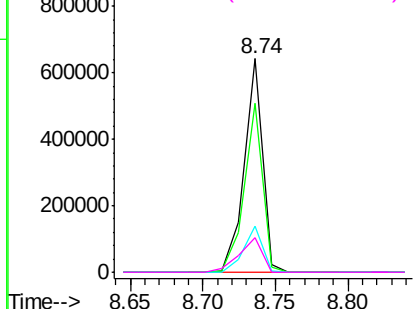
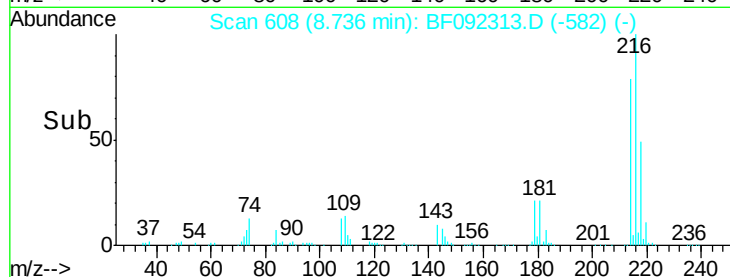
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 55.23 ng
 RT: 8.74 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MS

Tgt Ion:	216	Resp:	562748
Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.0
179	22.2	17.4	26.2
108	20.7	15.6	23.4

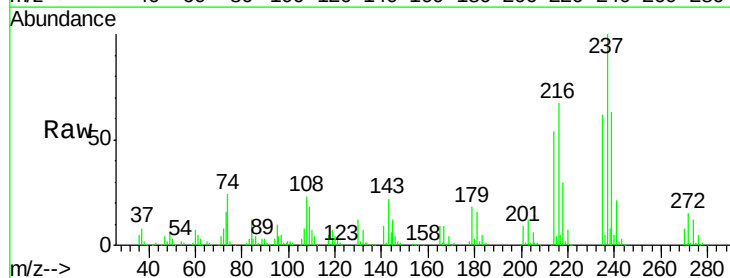


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

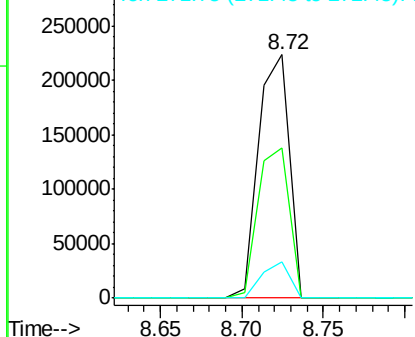
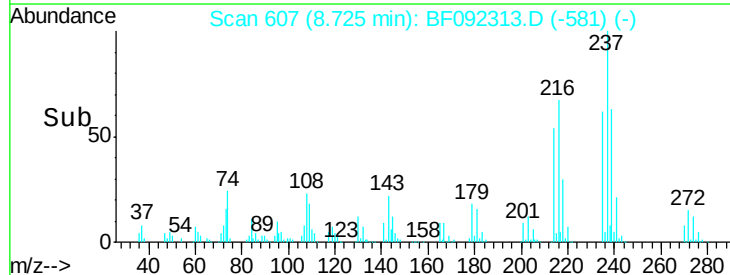


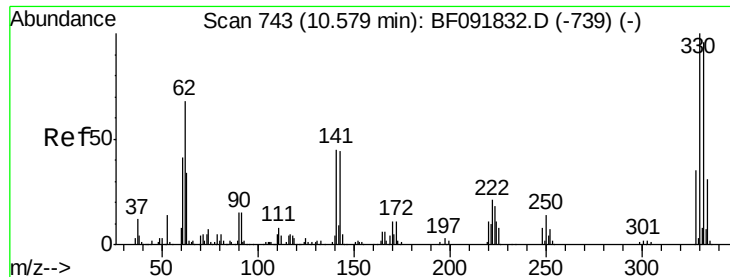
#40
 Hexachlorocyclopentadiene
 Concen: 65.53 ng
 RT: 8.72 min Scan# 607
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Tgt Ion:	237	Resp:	293918
Ion	Ratio	Lower	Upper
237	100		
235	61.9	41.2	81.2
272	15.1	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

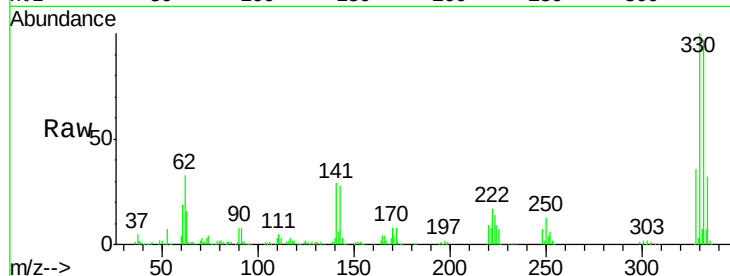




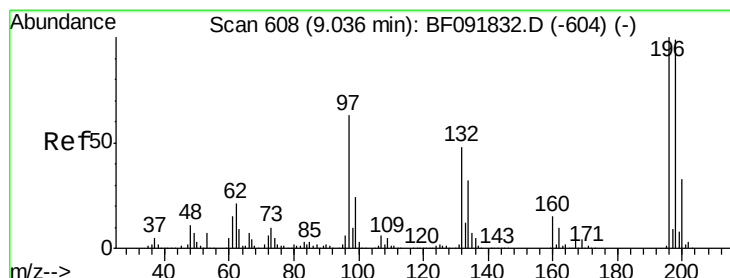
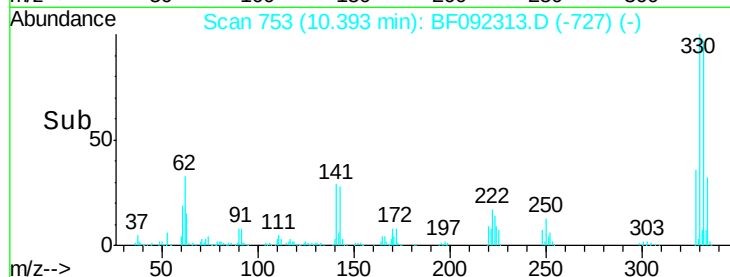
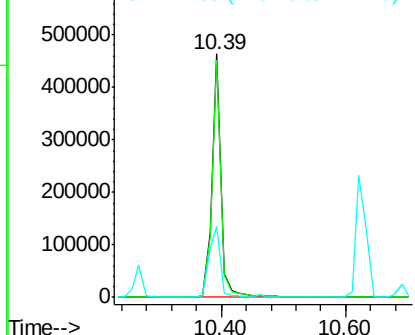
#41
 2,4,6-Tribromophenol
 Concen: 139.97 ng
 RT: 10.39 min Scan# 753
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MS

Tgt Ion:330 Resp: 467131
 Ion Ratio Lower Upper
 330 100
 332 97.0 77.4 116.2
 141 36.1 34.1 51.1

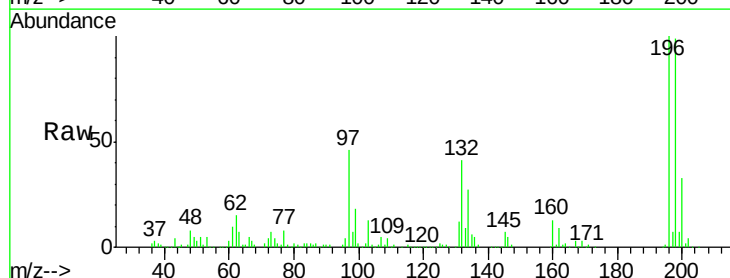


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

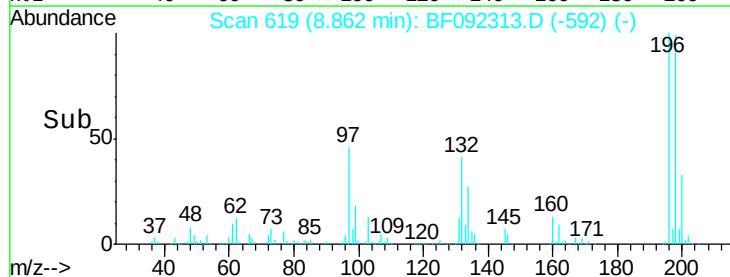
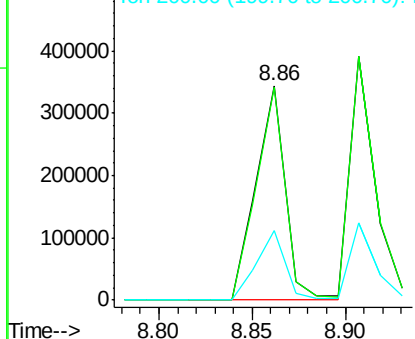


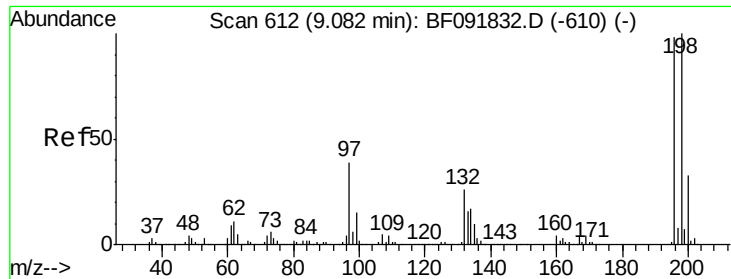
#42
 2,4,6-Trichlorophenol
 Concen: 52.82 ng
 RT: 8.86 min Scan# 619
 Delta R.T. 0.01 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Tgt Ion:196 Resp: 376388
 Ion Ratio Lower Upper
 196 100
 198 99.3 82.1 123.1
 200 32.7 27.0 40.4



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

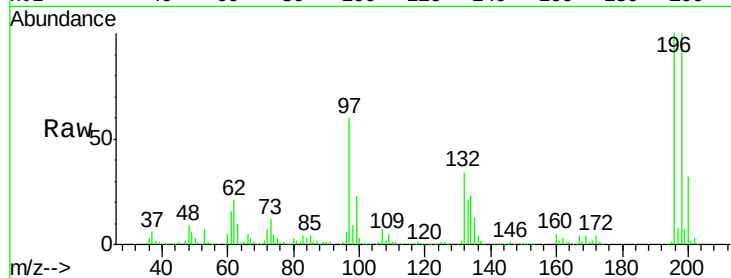




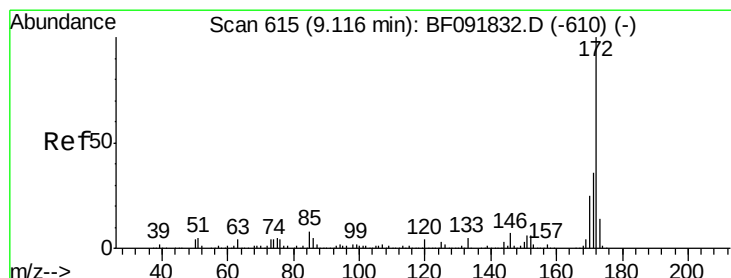
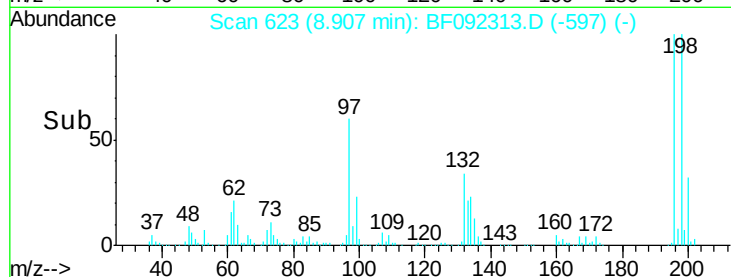
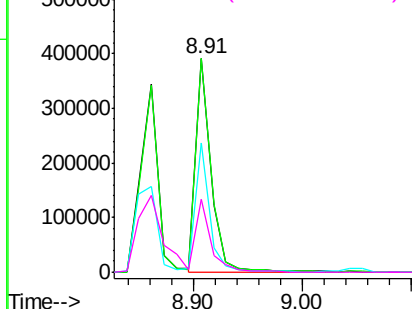
#43
 2,4,5-Trichlorophenol
 Concen: 51.42 ng
 RT: 8.91 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MS

Tgt Ion:196 Resp: 377061
 Ion Ratio Lower Upper
 196 100
 198 100.2 79.4 119.2
 97 60.4 51.5 77.3
 132 34.3 27.4 41.2

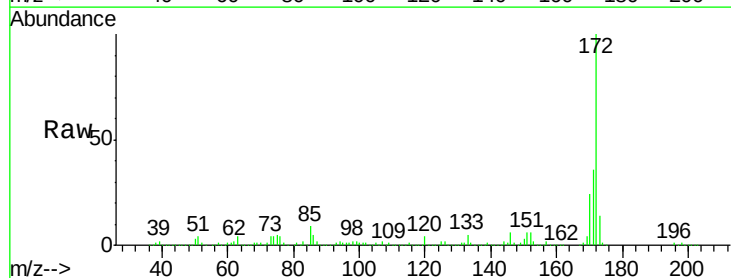


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

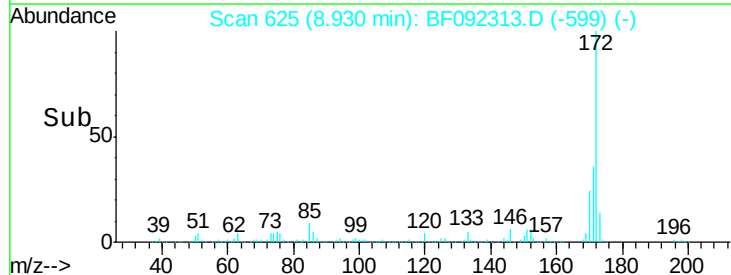
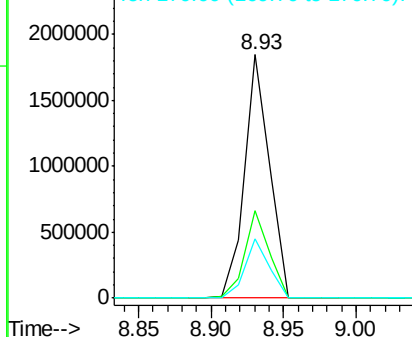


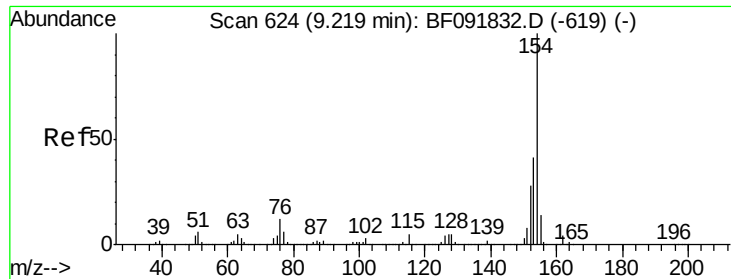
#44
 2-Fluorobiphenyl
 Concen: 116.39 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Tgt Ion:172 Resp: 2196997
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.3 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: 58.67 ng

RT: 9.03 min Scan# 634

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

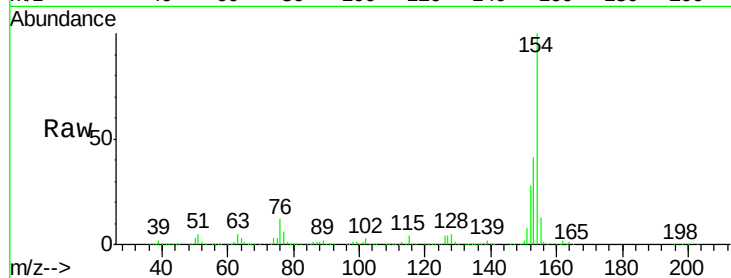
Tgt Ion:154 Resp: 1620035

Ion Ratio Lower Upper

154 100

153 41.1 20.9 60.9

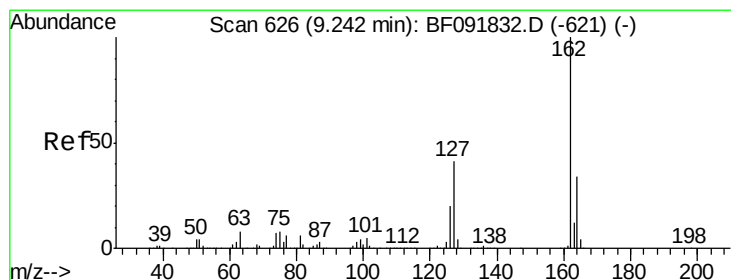
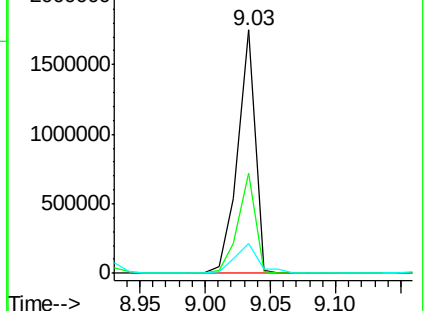
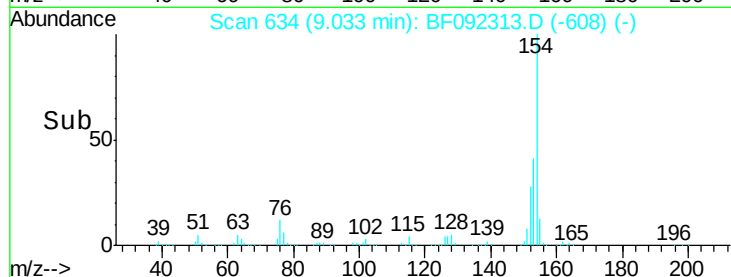
76 12.1 0.0 30.5



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: 56.16 ng

RT: 9.06 min Scan# 636

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

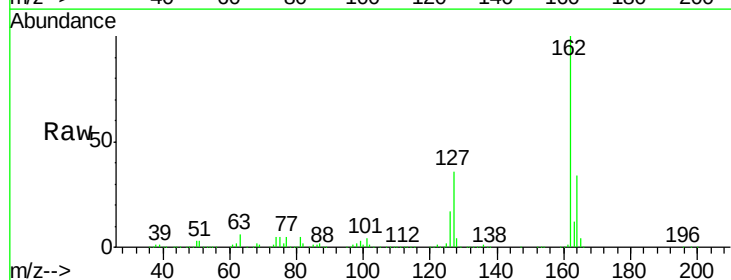
Tgt Ion:162 Resp: 1227907

Ion Ratio Lower Upper

162 100

127 36.3 30.7 46.1

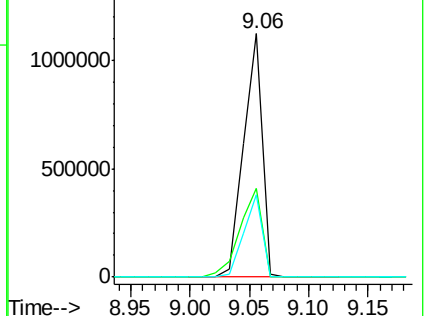
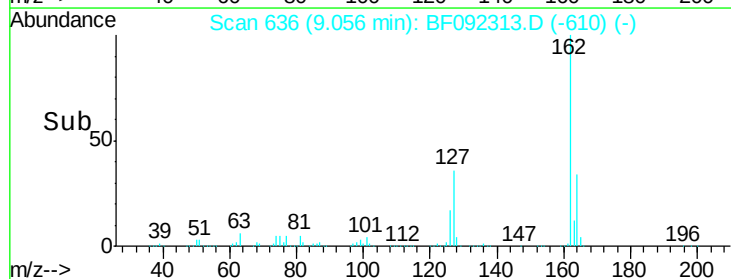
164 33.6 27.6 41.4

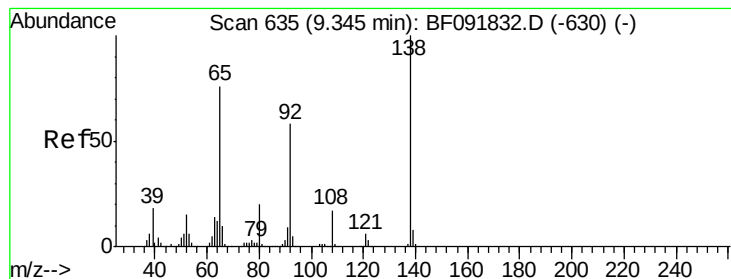


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E





#47

2-Nitroaniline

Concen: 47.18 ng

RT: 9.16 min Scan# 645

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

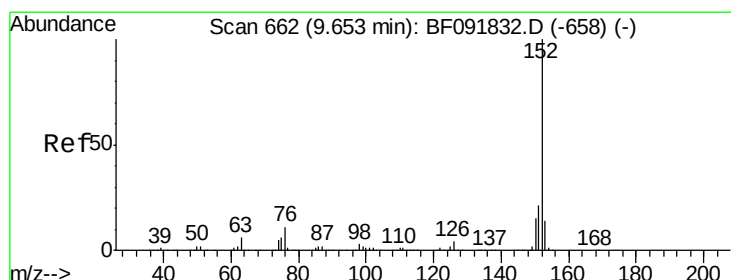
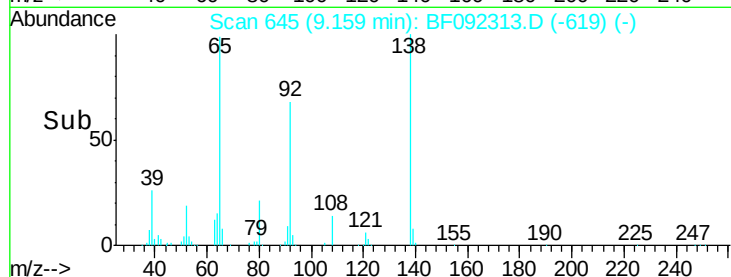
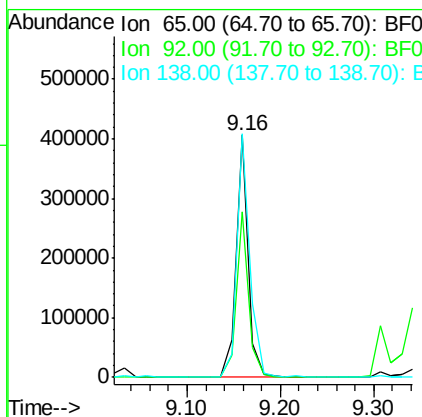
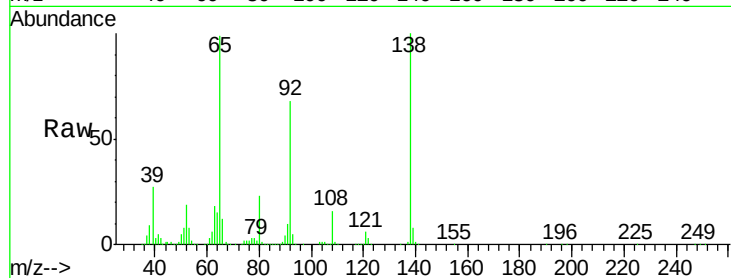
Tgt Ion: 65 Resp: 367338

Ion Ratio Lower Upper

65 100

92 68.5 53.9 80.9

138 100.5 76.8 115.2



#48

Acenaphthylene

Concen: 50.58 ng

RT: 9.46 min Scan# 671

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

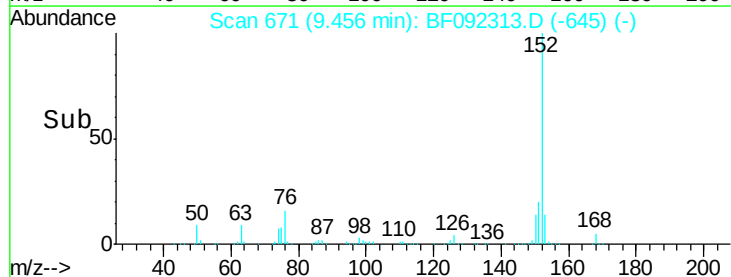
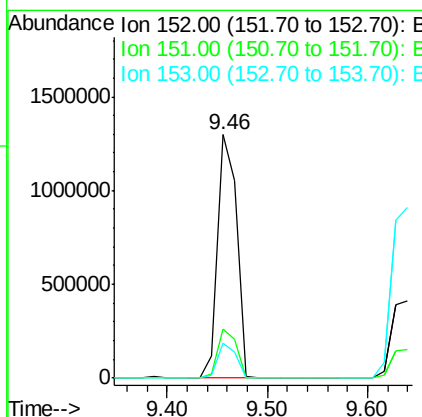
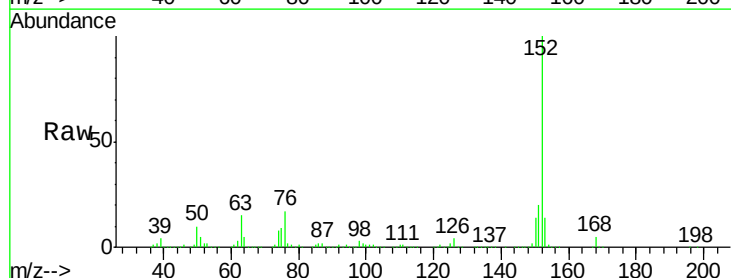
Tgt Ion: 152 Resp: 1700804

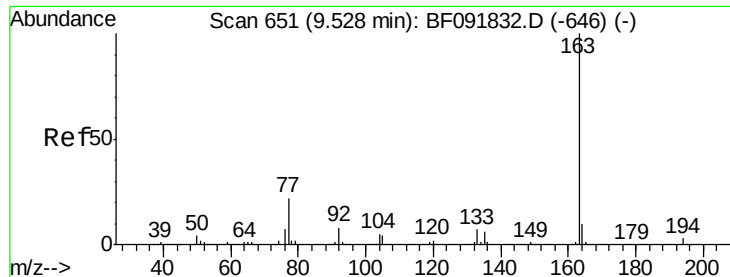
Ion Ratio Lower Upper

152 100

151 20.2 16.9 25.3

153 14.5 11.4 17.2

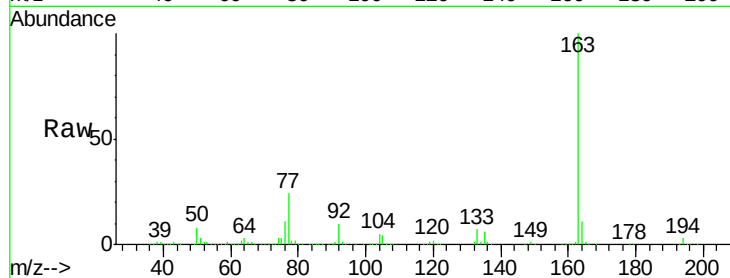




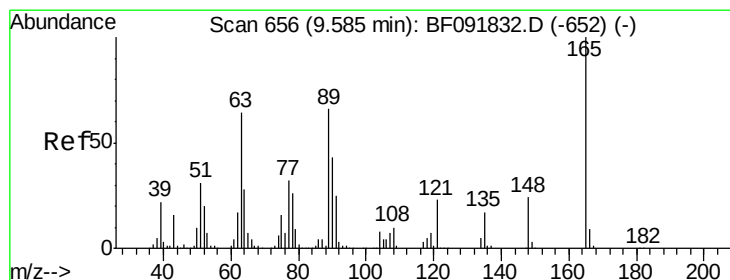
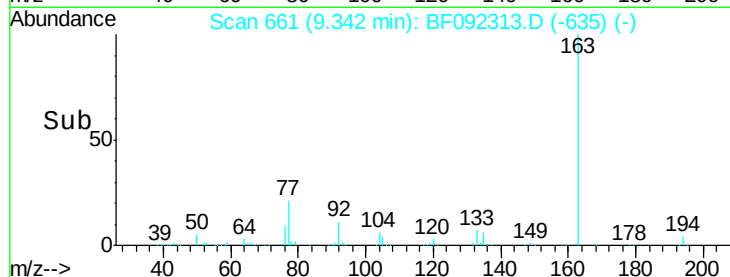
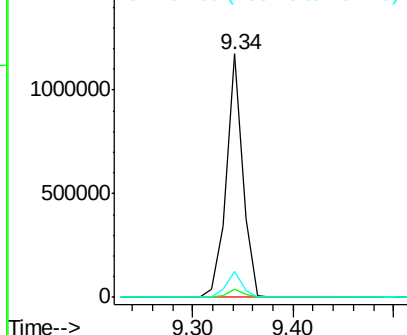
#49
Dimethylphthalate
Concen: 51.70 ng
RT: 9.34 min Scan# 661
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MS

Tgt Ion:163 Resp: 1333338
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 10.7 8.0 12.0

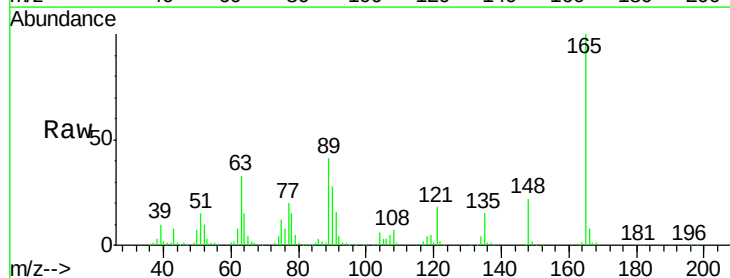


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

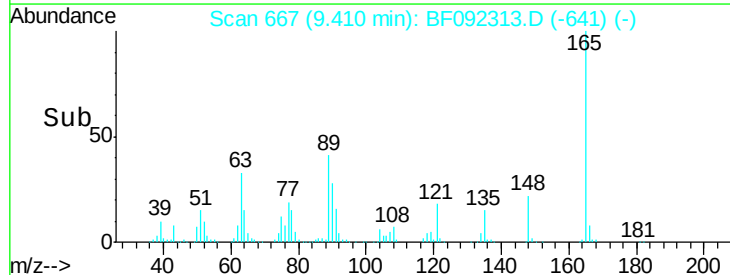
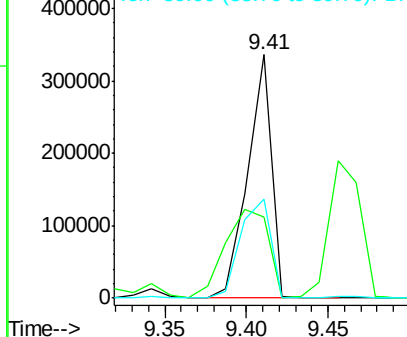


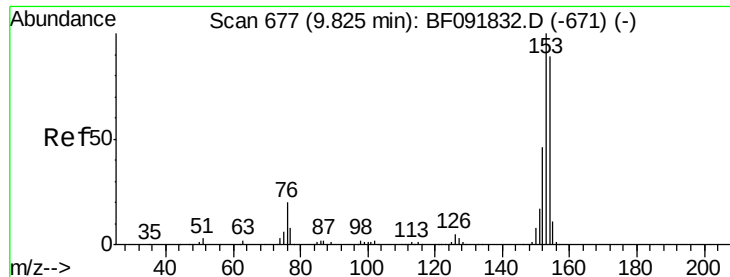
#50
2,6-Dinitrotoluene
Concen: 60.30 ng
RT: 9.41 min Scan# 667
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Tgt Ion:165 Resp: 340433
Ion Ratio Lower Upper
165 100
63 33.2 36.2 54.4#
89 40.8 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: 50.05 ng

RT: 9.64 min Scan# 687

Delta R.T. 0.01 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

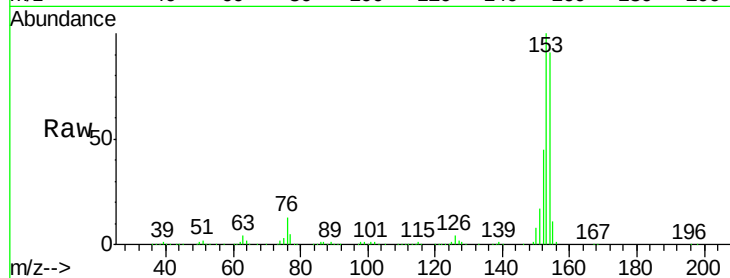
Tgt Ion:154 Resp: 1140985

Ion Ratio Lower Upper

154 100

153 110.4 88.6 133.0

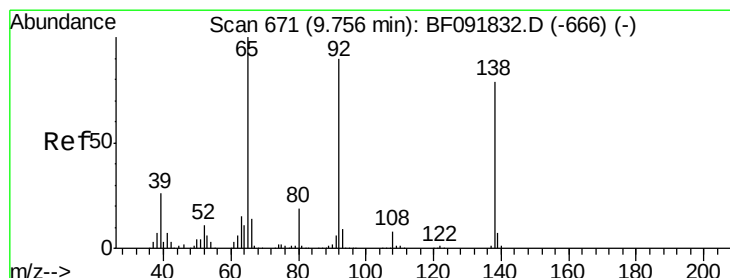
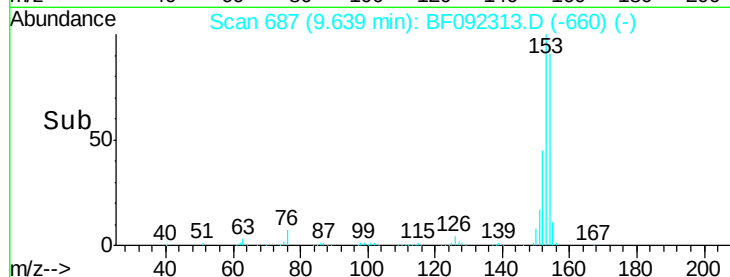
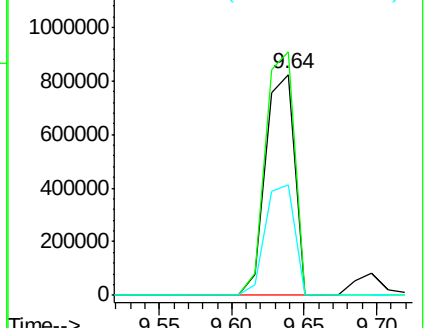
152 50.1 41.6 62.4



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: 24.49 ng

RT: 9.57 min Scan# 681

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

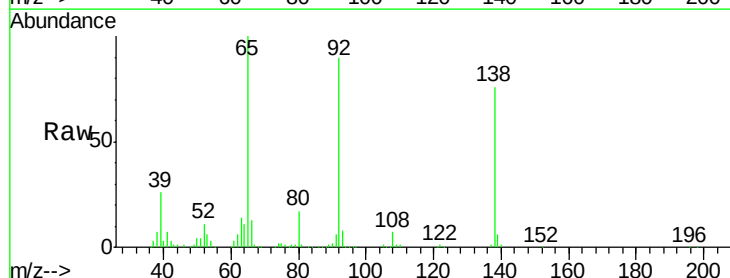
Tgt Ion:138 Resp: 171077

Ion Ratio Lower Upper

138 100

108 9.7 8.5 12.7

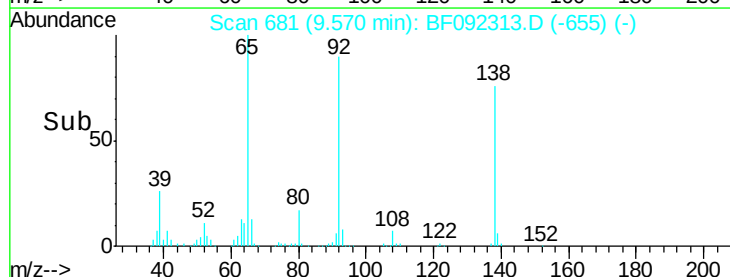
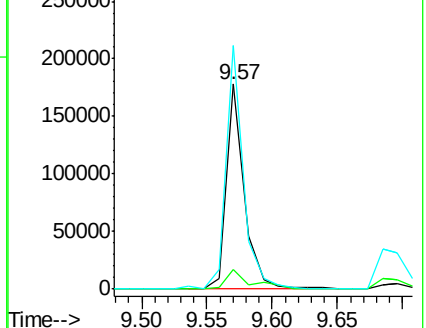
92 118.7 97.8 146.8

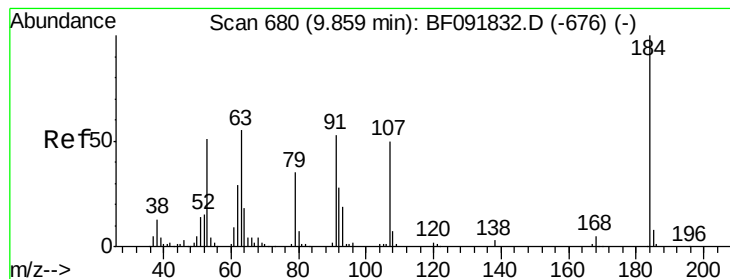


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 80.57 ng

RT: 9.70 min Scan# 692

Delta R.T. 0.01 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

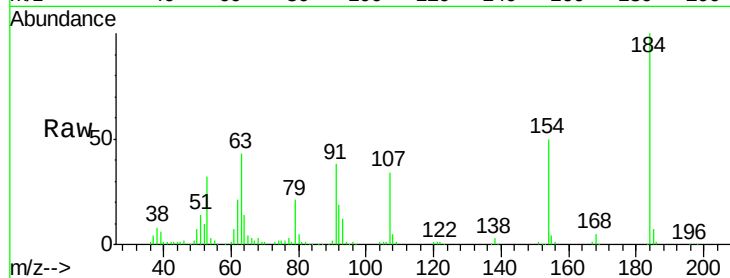
Tgt Ion:184 Resp: 253071

Ion Ratio Lower Upper

184 100

63 43.1 28.4 42.6#

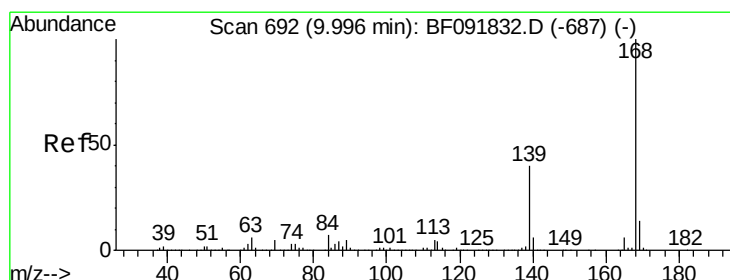
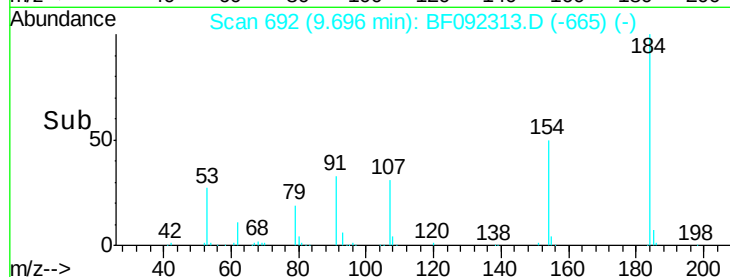
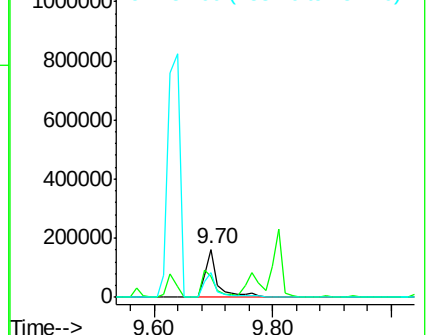
154 50.4 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 50.17 ng

RT: 9.81 min Scan# 702

Delta R.T. 0.01 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

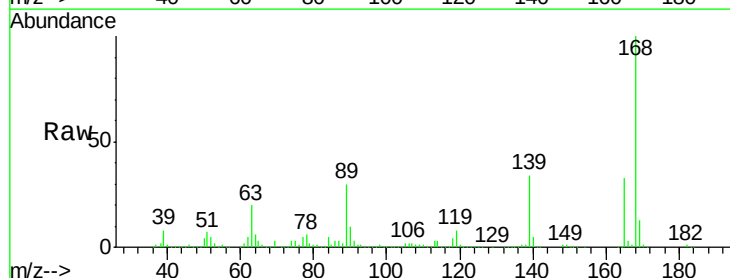
Tgt Ion:168 Resp: 1544607

Ion Ratio Lower Upper

168 100

139 34.1 32.6 49.0

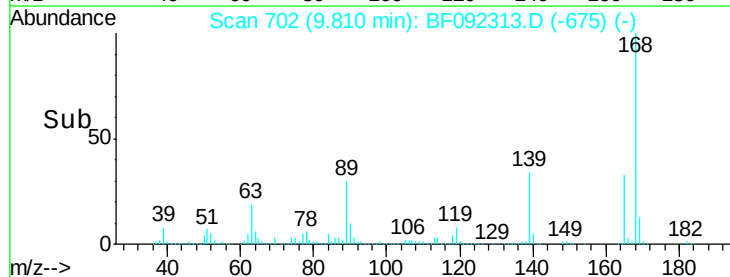
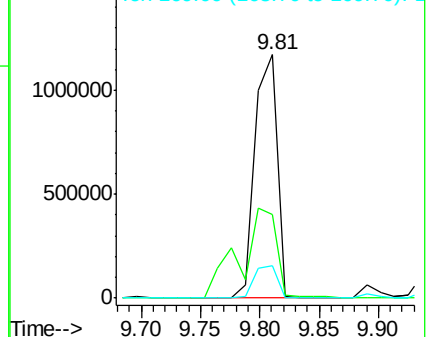
169 13.1 11.3 16.9

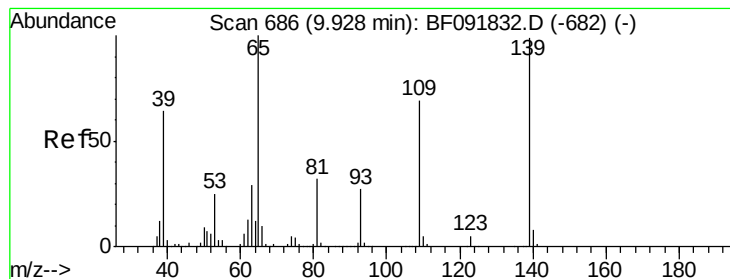


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 199.69 ng

RT: 9.80 min Scan# 701

Delta R.T. 0.03 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

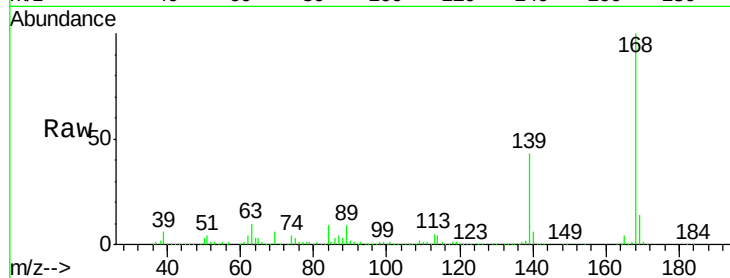
Tgt Ion:139 Resp: 947223

Ion Ratio Lower Upper

139 100

109 4.1 52.2 92.2#

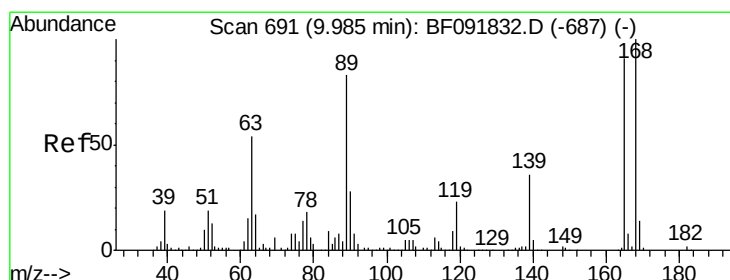
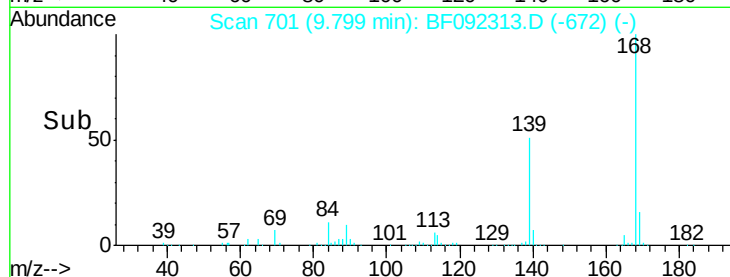
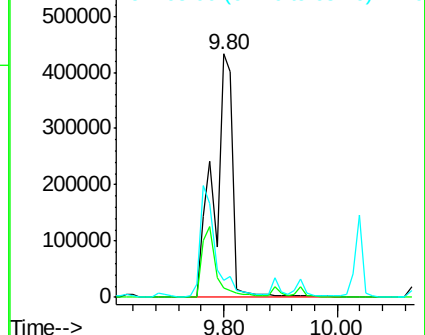
65 7.2 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 47.77 ng

RT: 9.81 min Scan# 702

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Tgt Ion:165 Resp: 338468

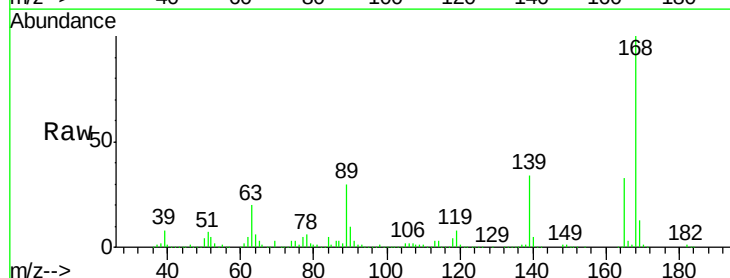
Ion Ratio Lower Upper

165 100

63 59.2 40.2 60.4

89 91.3 62.5 93.7

182 2.0 1.8 2.8

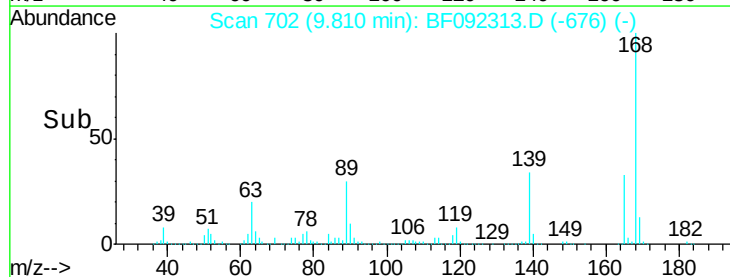
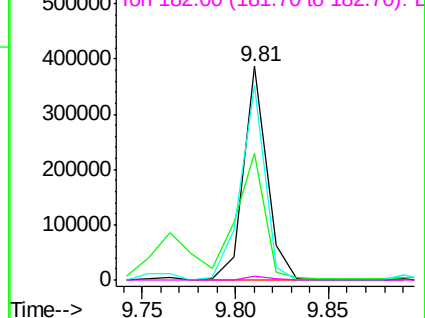


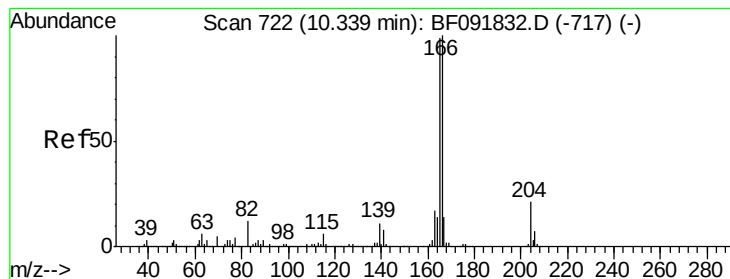
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 48.16 ng

RT: 10.14 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

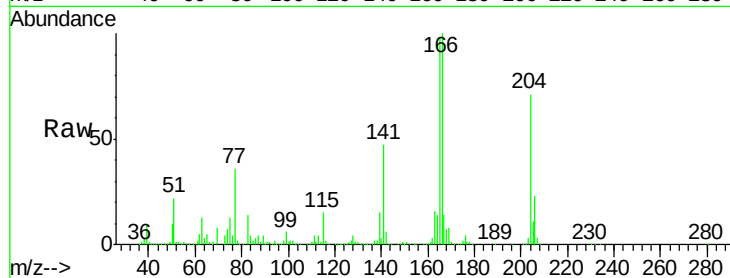
Tgt Ion:166 Resp: 1078829

Ion Ratio Lower Upper

166 100

165 97.6 77.8 116.8

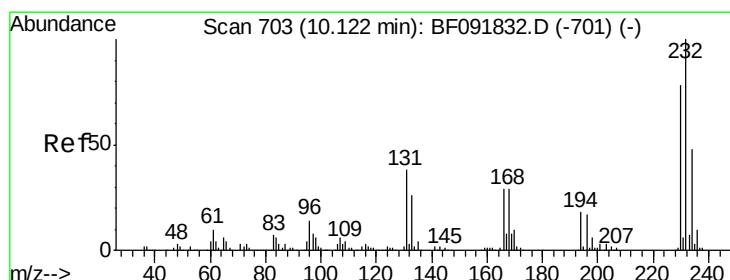
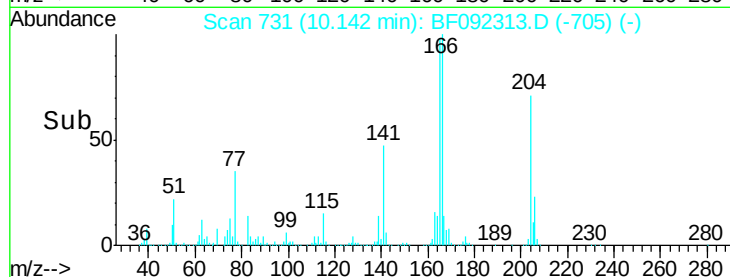
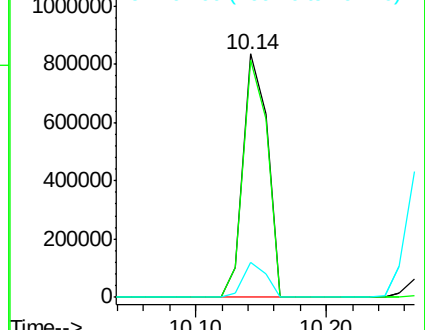
167 14.2 10.8 16.2



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



#58

2,3,4,6-Tetrachlorophenol

Concen: 55.89 ng

RT: 9.94 min Scan# 713

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Tgt Ion:232 Resp: 324126

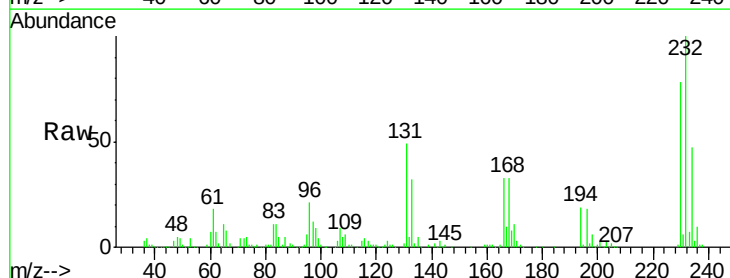
Ion Ratio Lower Upper

232 100

131 45.1 40.1 60.1

130 2.2 1.8 2.8

166 29.0 26.6 39.8

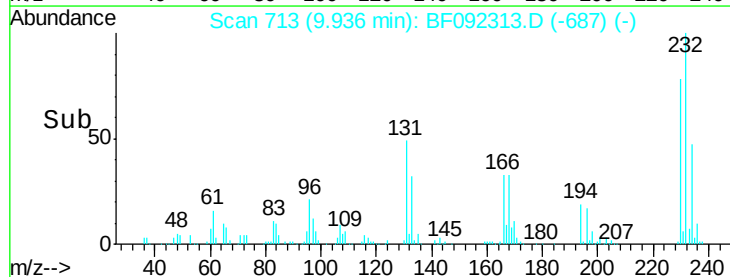
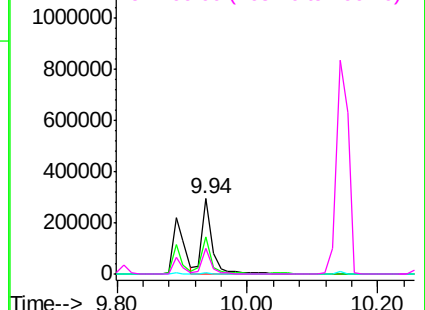


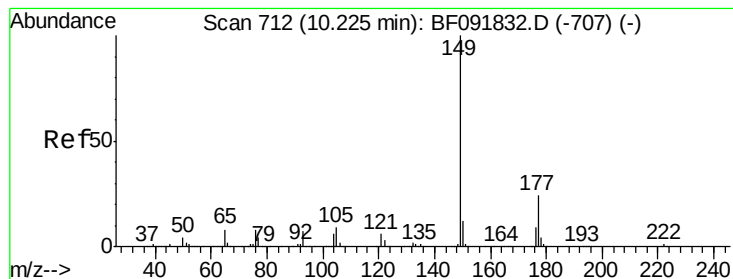
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 51.45 ng

RT: 10.04 min Scan# 722

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

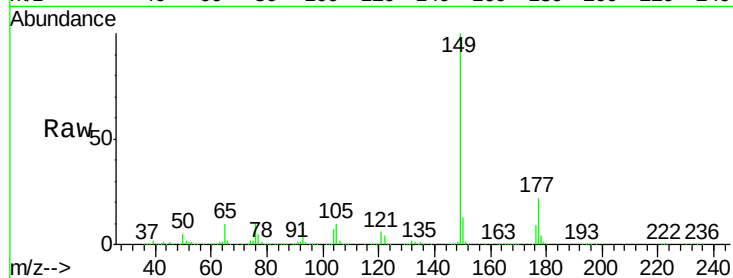
Tgt Ion:149 Resp: 1288844

Ion Ratio Lower Upper

149 100

177 21.7 16.6 25.0

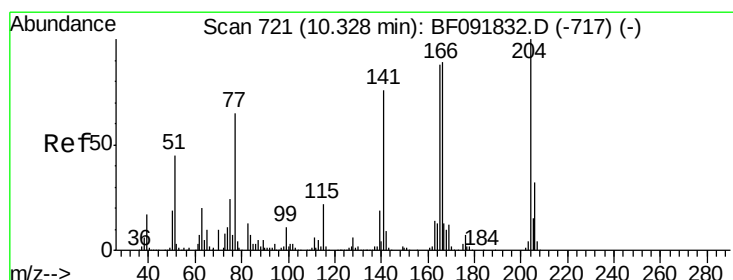
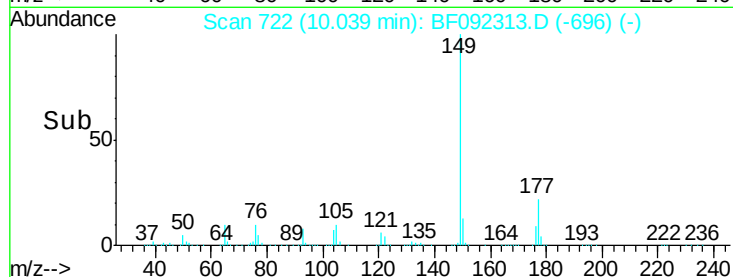
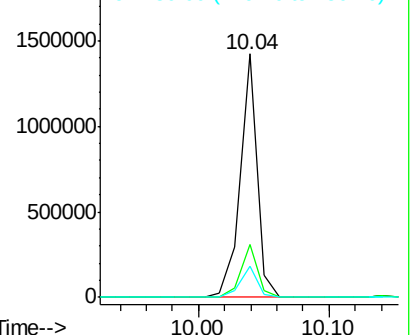
150 12.7 10.4 15.6



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: 51.02 ng

RT: 10.14 min Scan# 731

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

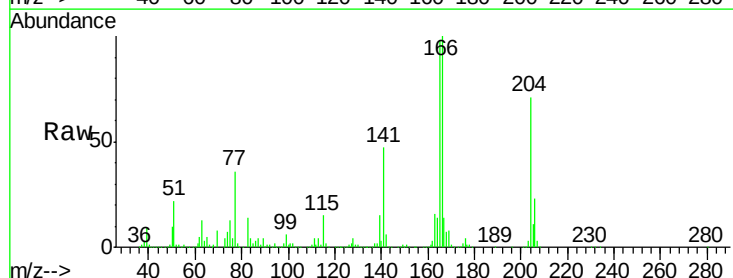
Tgt Ion:204 Resp: 500442

Ion Ratio Lower Upper

204 100

206 32.8 25.8 38.6

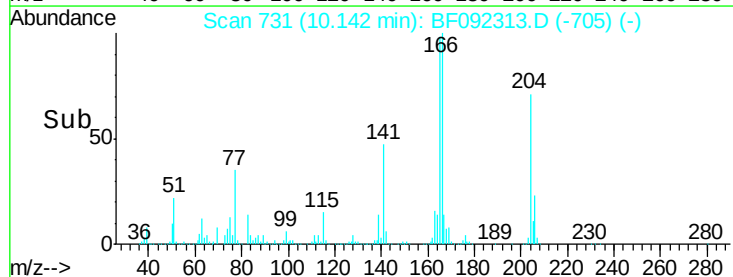
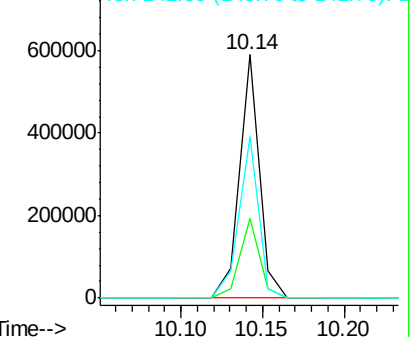
141 66.4 59.4 89.0

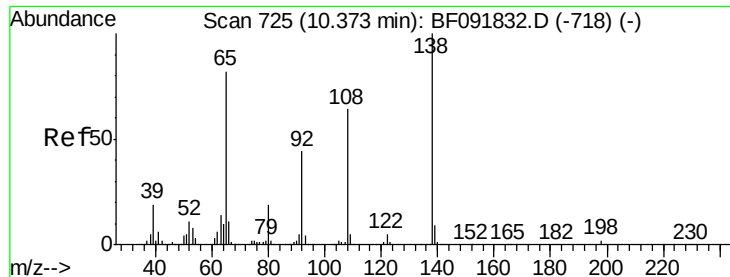


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

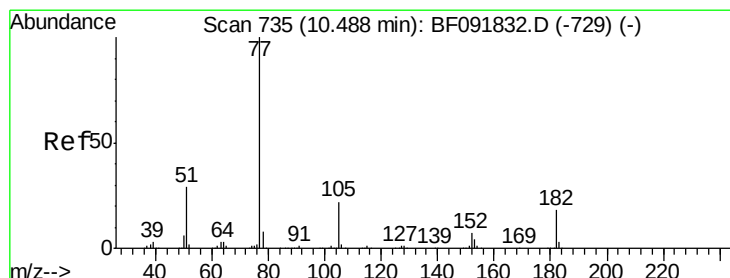
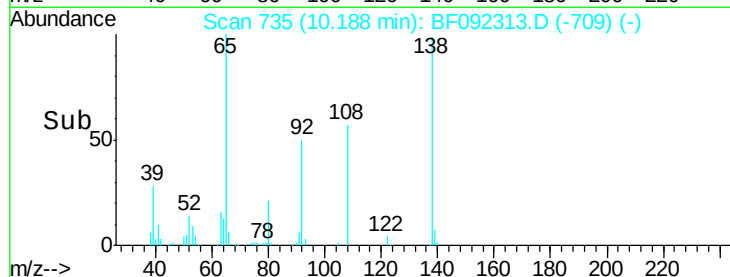
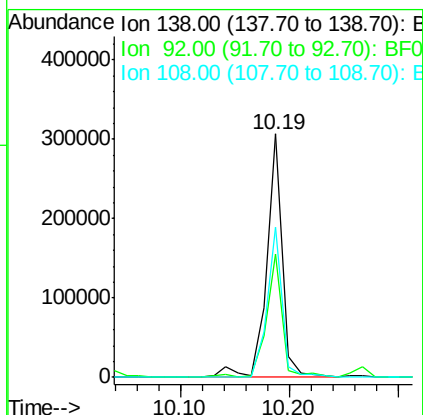
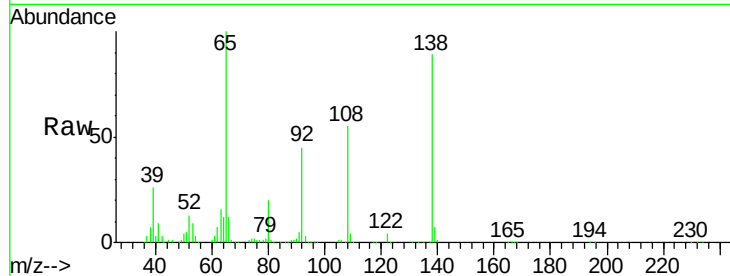




#61
4-Nitroaniline
Concen: 43.15 ng
RT: 10.19 min Scan# 735
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

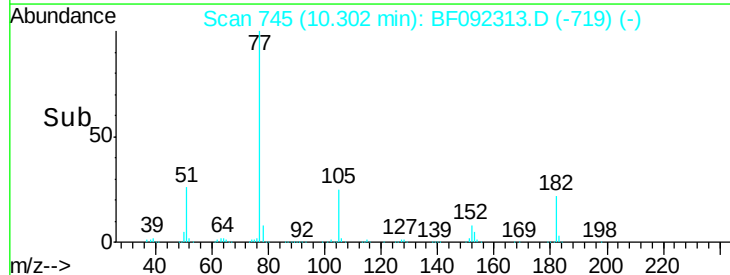
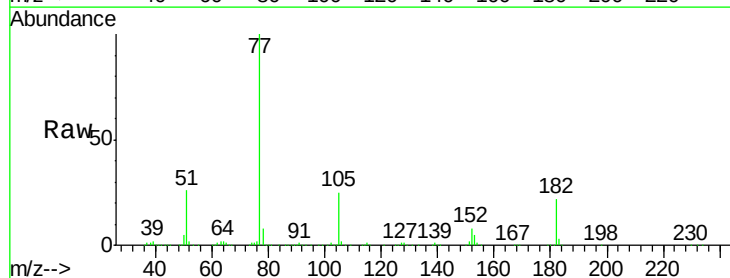
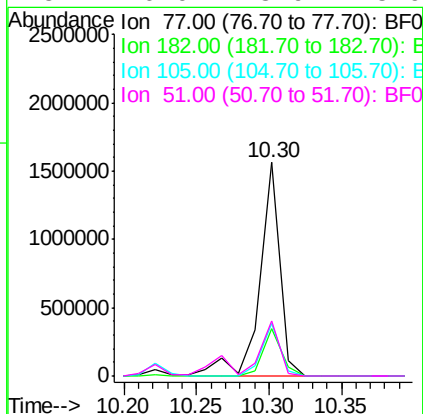
Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MS

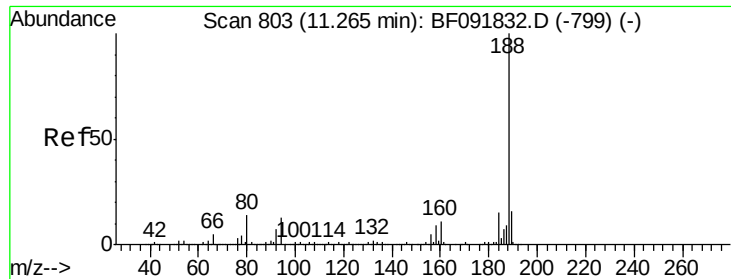
Tgt Ion:138 Resp: 312372
Ion Ratio Lower Upper
138 100
92 50.6 31.7 71.7
108 61.6 52.6 92.6



#62
Azobenzene
Concen: 55.06 ng
RT: 10.30 min Scan# 745
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Tgt Ion: 77 Resp: 1518490
Ion Ratio Lower Upper
77 100
182 22.0 0.0 39.3
105 24.7 2.3 42.3
51 26.0 8.9 48.9





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.08 min Scan# 813

Delta R.T. -0.00 min

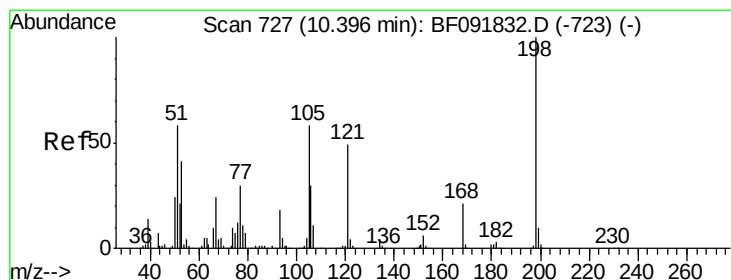
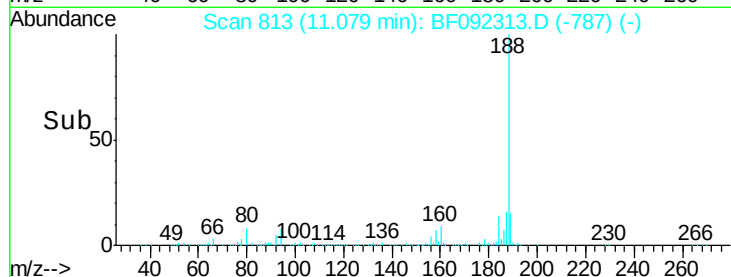
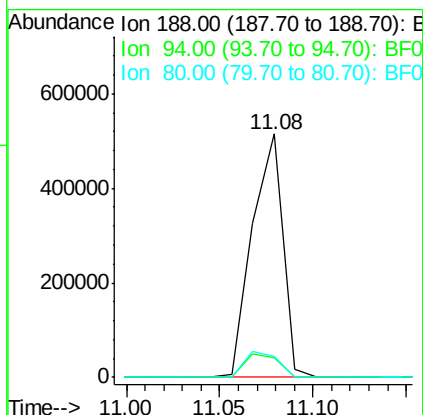
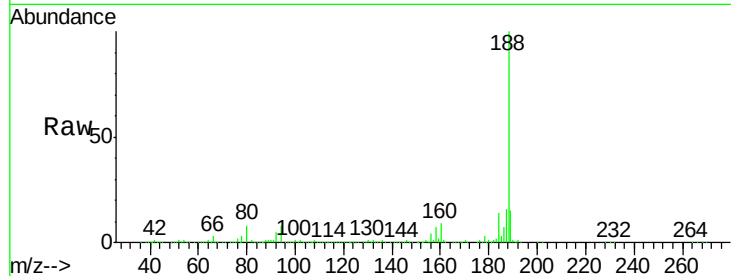
Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MS

Tgt Ion:188 Resp: 595590

Ion	Ratio	Lower	Upper
188	100		
94	8.1	10.0	15.0#
80	8.4	11.2	16.8#



#64

4,6-Dinitro-2-methylphenol

Concen: 50.63 ng

RT: 10.22 min Scan# 738

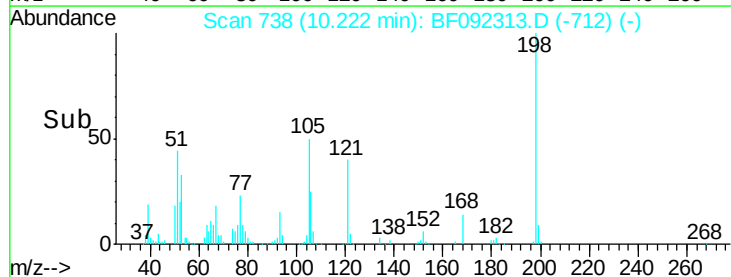
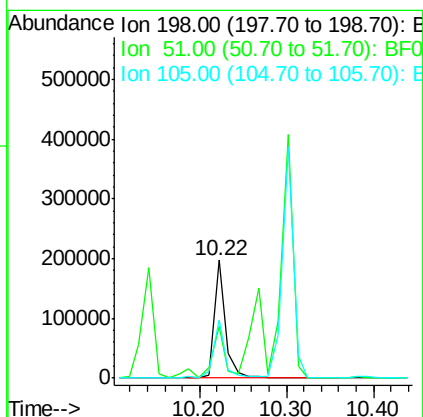
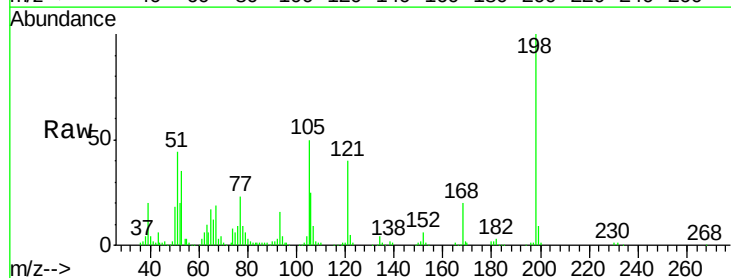
Delta R.T. -0.00 min

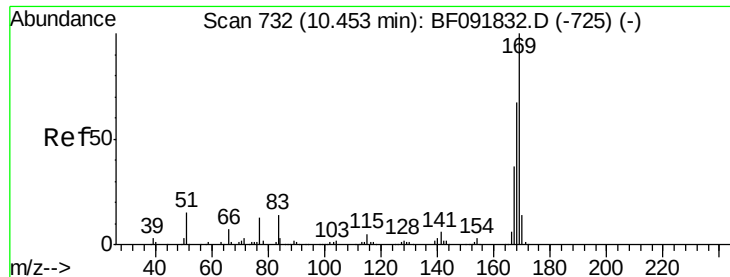
Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Tgt Ion:198 Resp: 182333

Ion	Ratio	Lower	Upper
198	100		
51	43.6	6.7	46.7
105	49.8	16.6	56.6

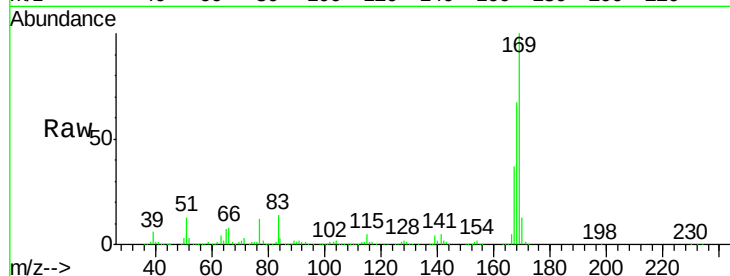




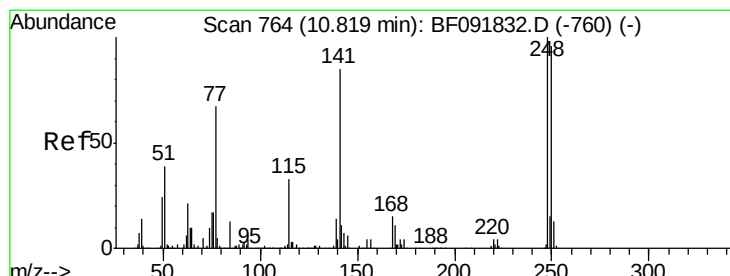
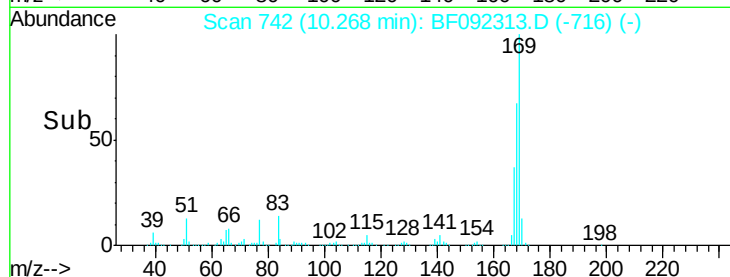
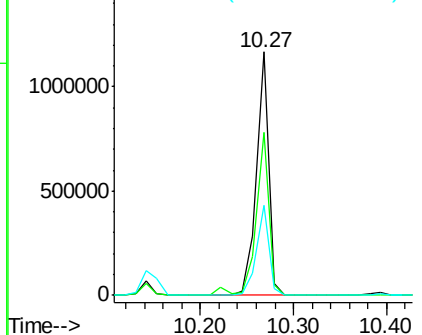
#65
 n-Nitrosodiphenylamine
 Concen: 59.65 ng
 RT: 10.27 min Scan# 742
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MS

Tgt Ion:169 Resp: 1054176
 Ion Ratio Lower Upper
 169 100
 168 67.1 54.2 81.2
 167 37.0 30.2 45.4

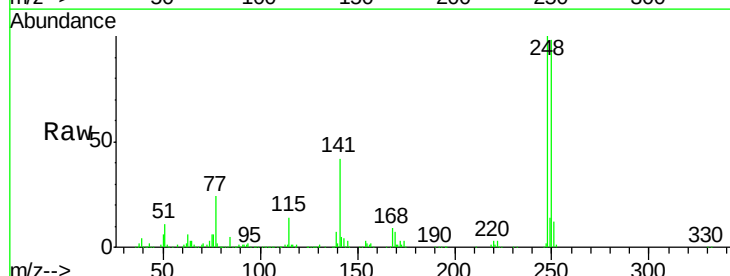


Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

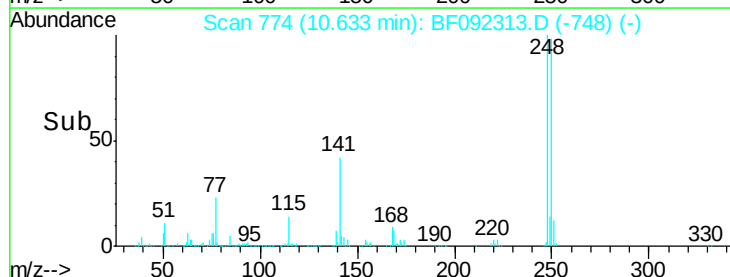
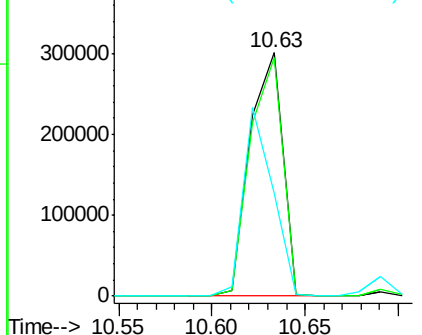


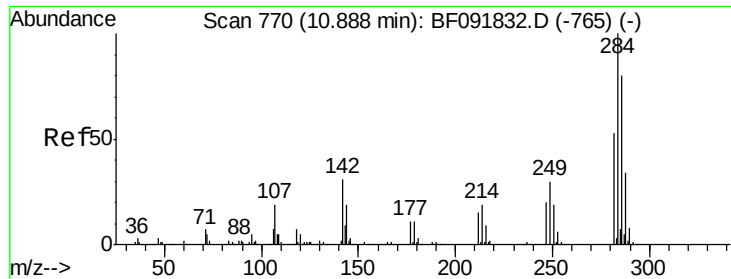
#66
 4-Bromophenyl-phenylether
 Concen: 59.22 ng
 RT: 10.63 min Scan# 774
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Tgt Ion:248 Resp: 366903
 Ion Ratio Lower Upper
 248 100
 250 97.7 76.9 115.3
 141 42.2 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

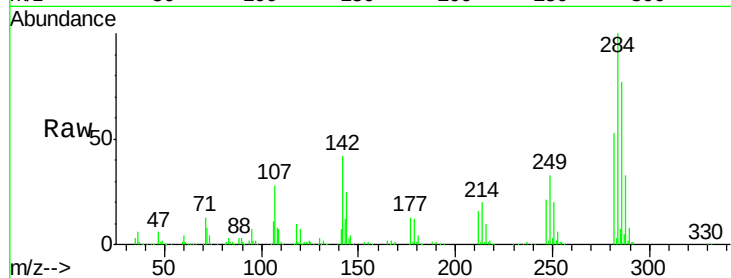




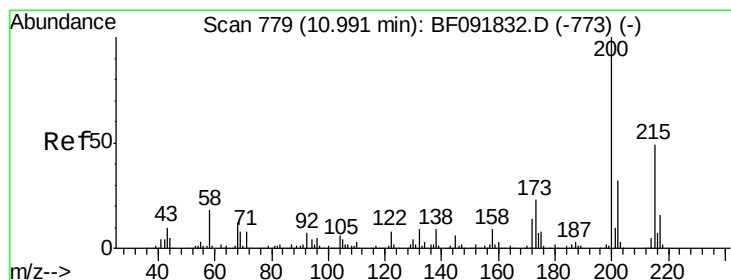
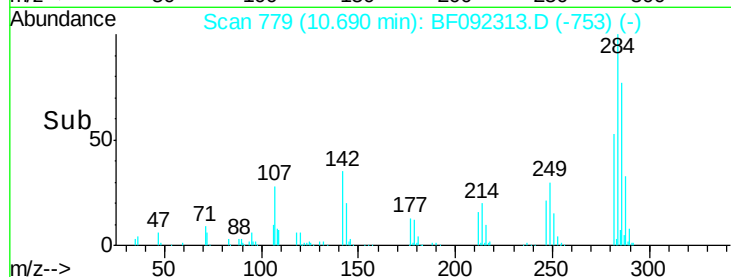
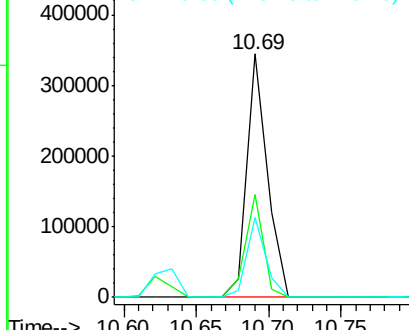
#67
Hexachlorobenzene
Concen: 51.01 ng
RT: 10.69 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MS

Tgt Ion:284 Resp: 337782
Ion Ratio Lower Upper
284 100
142 42.4 22.6 33.8#
249 32.8 25.4 38.0

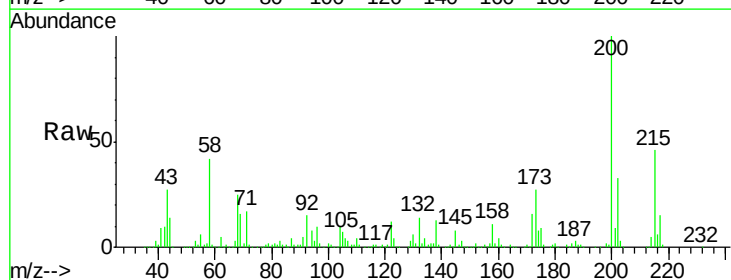


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

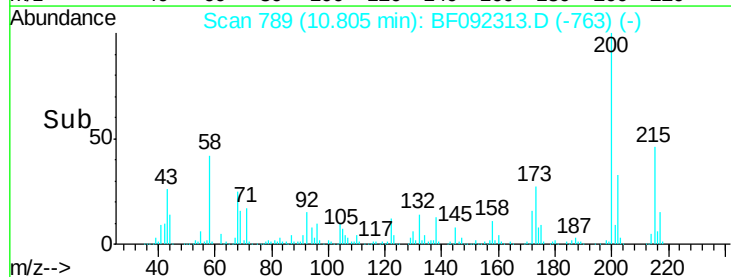
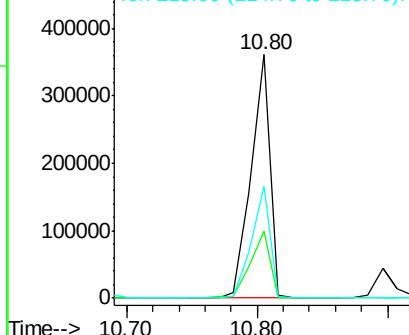


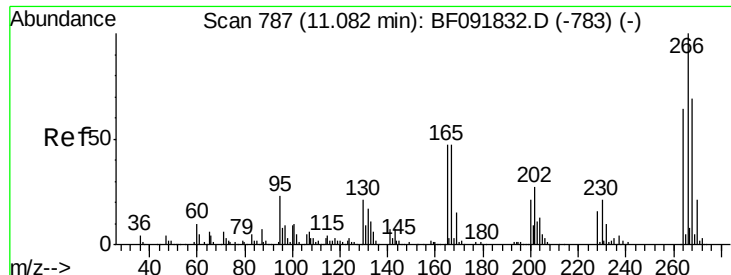
#68
Atrazine
Concen: 63.80 ng
RT: 10.80 min Scan# 789
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Tgt Ion:200 Resp: 363732
Ion Ratio Lower Upper
200 100
173 27.3 9.6 49.6
215 45.8 25.7 65.7



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

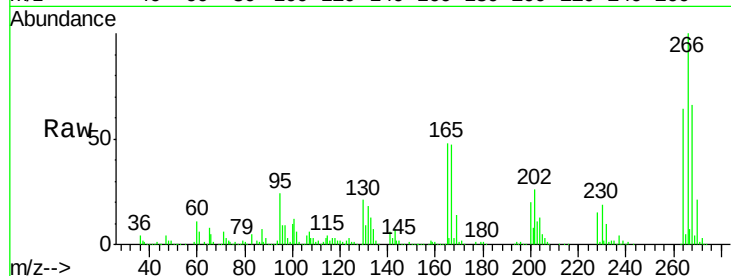




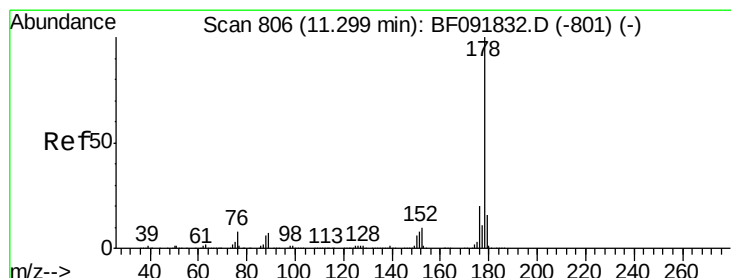
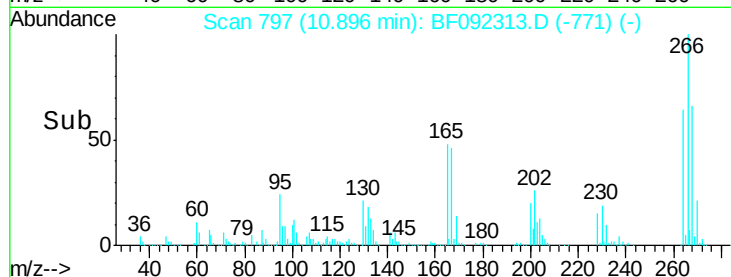
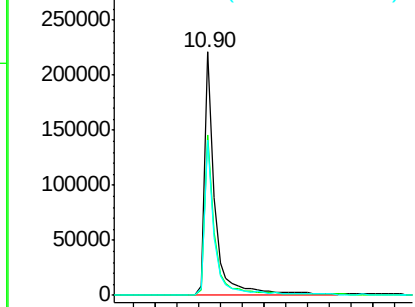
#69
 Pentachlorophenol
 Concen: 91.10 ng
 RT: 10.90 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MS

Tgt Ion:266 Resp: 296024
 Ion Ratio Lower Upper
 266 100
 268 66.0 53.3 79.9
 264 63.9 50.3 75.5

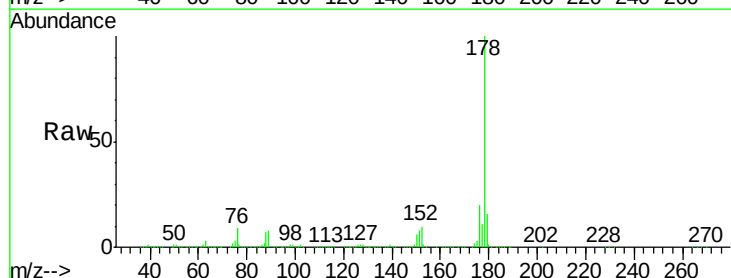


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

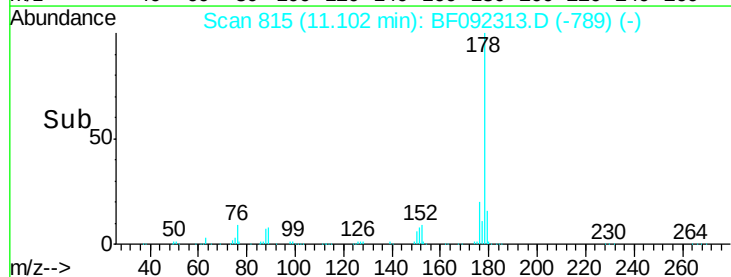
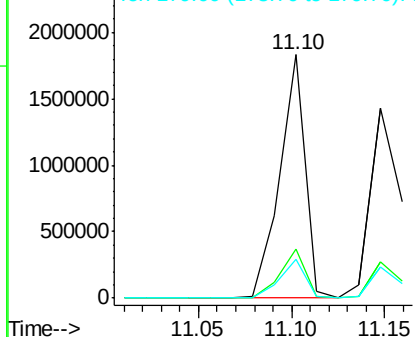


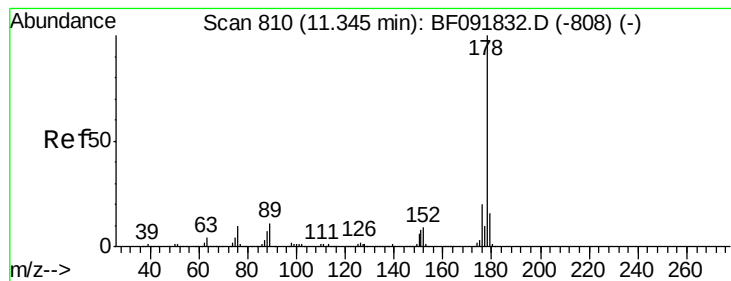
#70
 Phenanthrene
 Concen: 53.66 ng
 RT: 11.10 min Scan# 815
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Tgt Ion:178 Resp: 1732825
 Ion Ratio Lower Upper
 178 100
 176 20.2 16.6 25.0
 179 16.1 12.8 19.2



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





#71

Anthracene

Concen: 63.03 ng

RT: 11.15 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

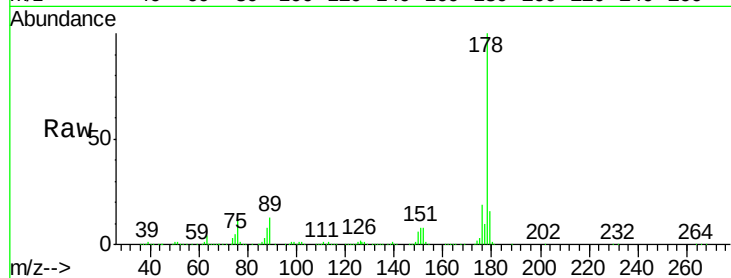
Tgt Ion:178 Resp: 1559745

Ion Ratio Lower Upper

178 100

176 19.1 15.9 23.9

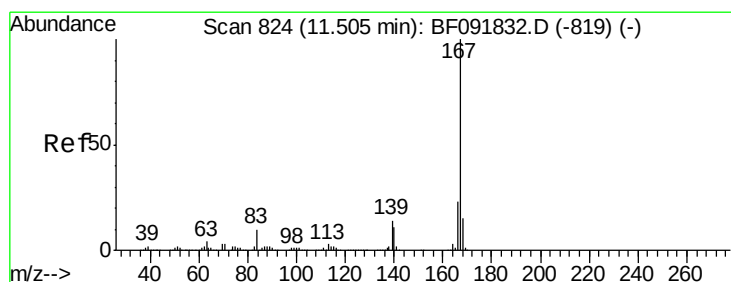
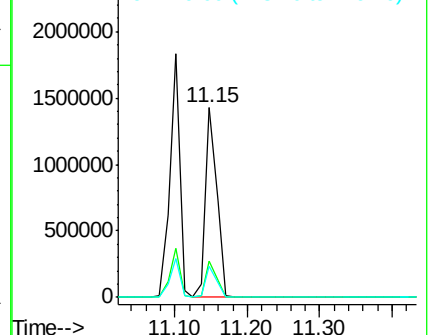
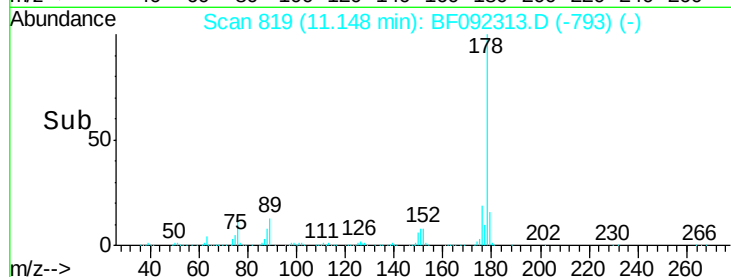
179 16.2 13.2 19.8



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: 51.36 ng

RT: 11.32 min Scan# 834

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

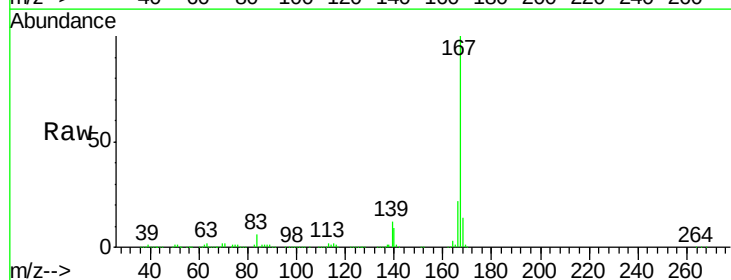
Tgt Ion:167 Resp: 1279784

Ion Ratio Lower Upper

167 100

166 21.5 18.2 27.2

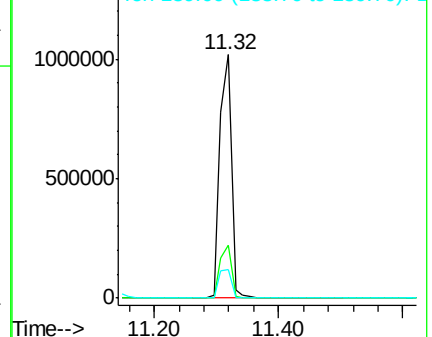
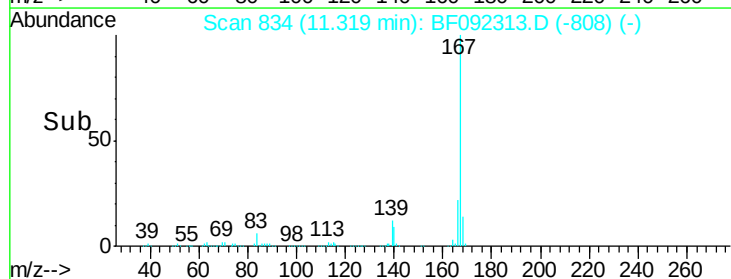
139 11.7 11.4 17.2

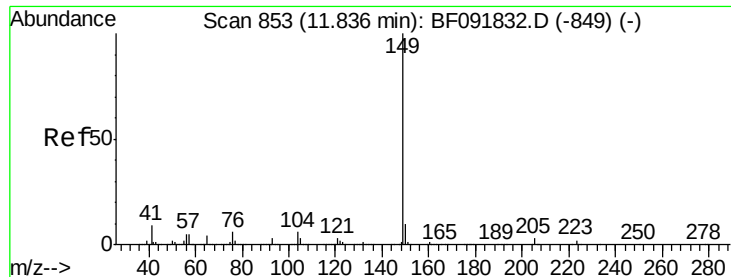


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 52.15 ng

RT: 11.65 min Scan# 863

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

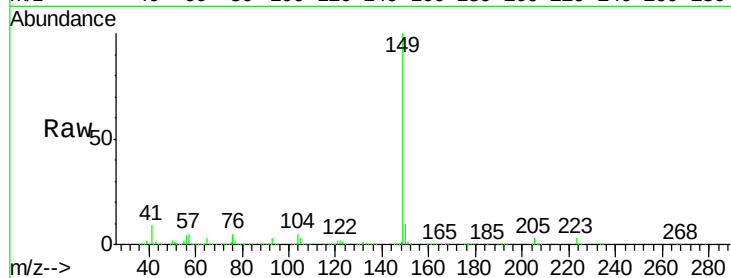
Tgt Ion:149 Resp: 1575813

Ion Ratio Lower Upper

149 100

150 9.8 8.1 12.1

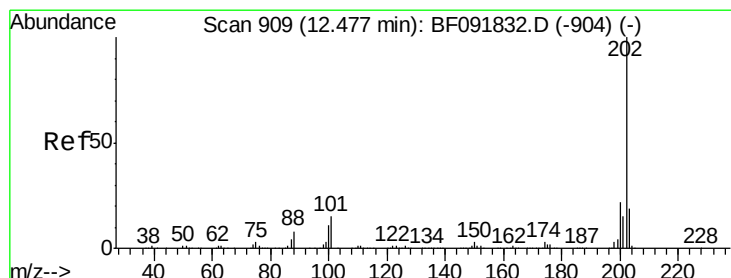
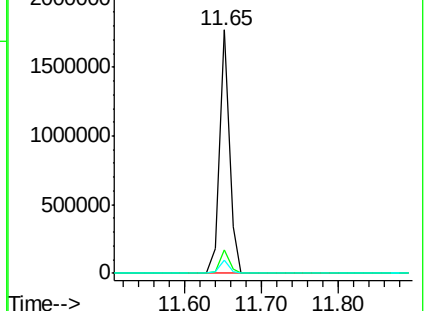
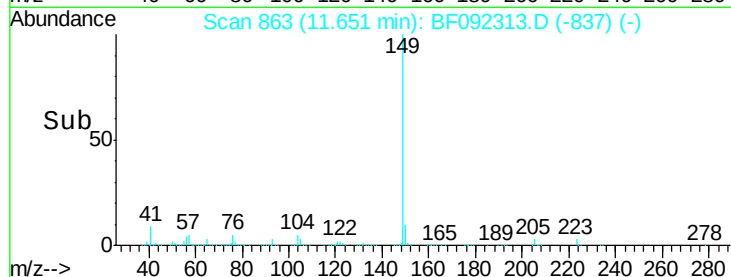
104 5.2 4.6 7.0



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: 43.49 ng

RT: 12.28 min Scan# 918

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

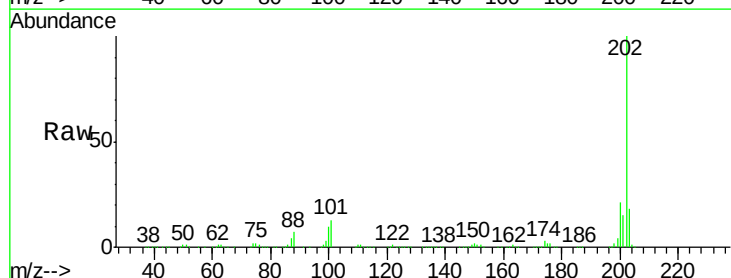
Tgt Ion:202 Resp: 1235847

Ion Ratio Lower Upper

202 100

101 13.4 0.0 34.6

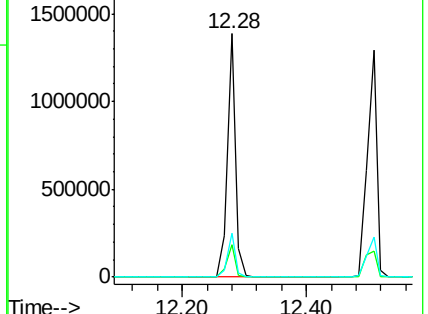
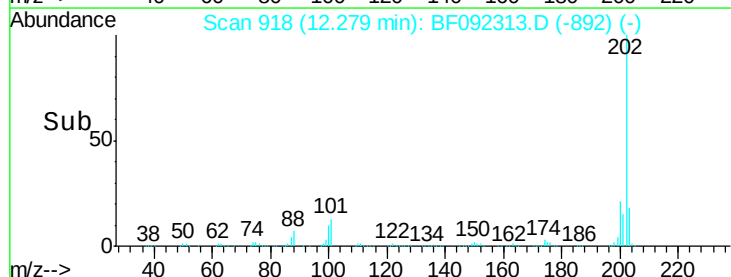
203 17.9 0.0 38.7

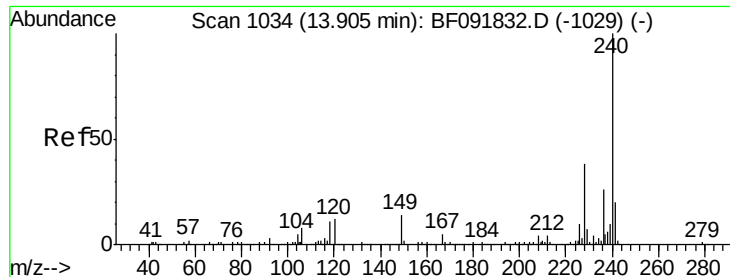


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

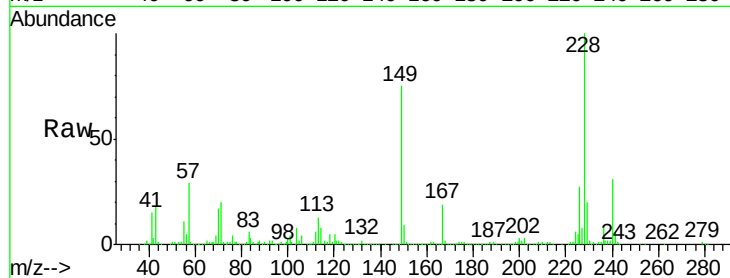
Tgt Ion:240 Resp: 253836

Ion Ratio Lower Upper

240 100

120 17.4 12.9 19.3

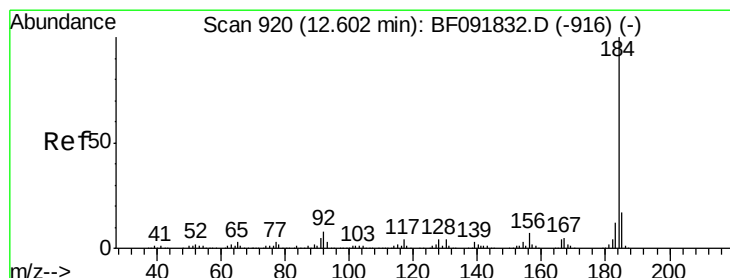
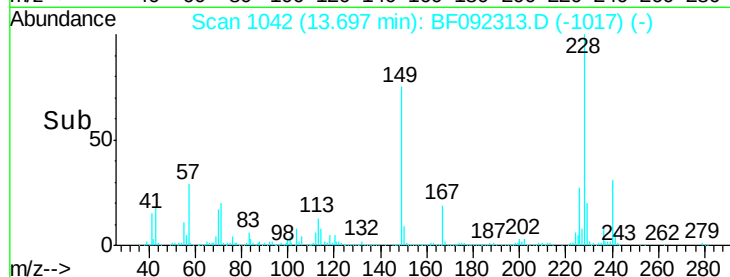
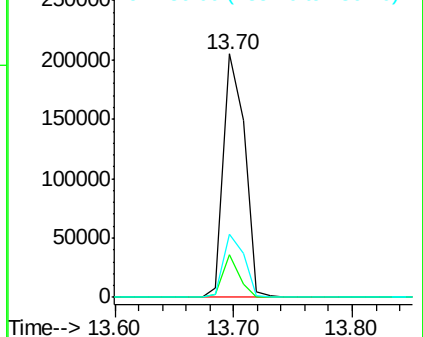
236 25.7 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 22.30 ng

RT: 12.42 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

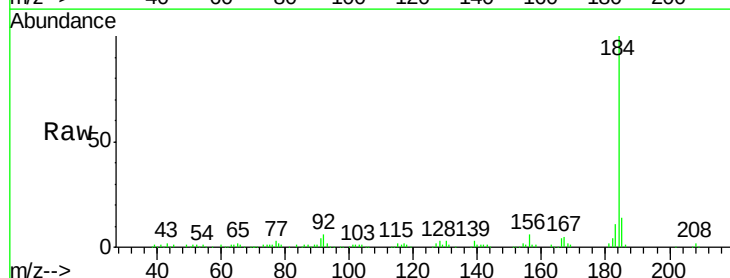
Tgt Ion:184 Resp: 165517

Ion Ratio Lower Upper

184 100

185 14.2 13.4 20.0

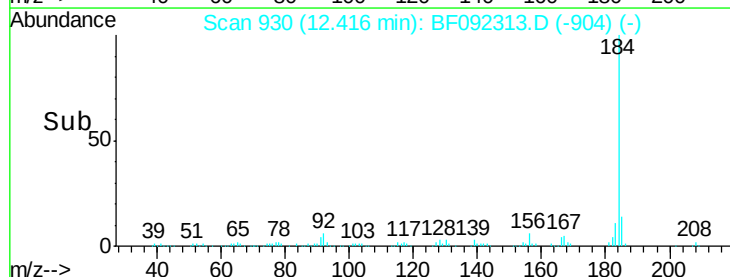
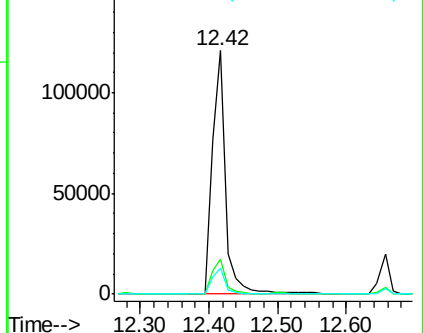
183 10.7 9.2 13.8

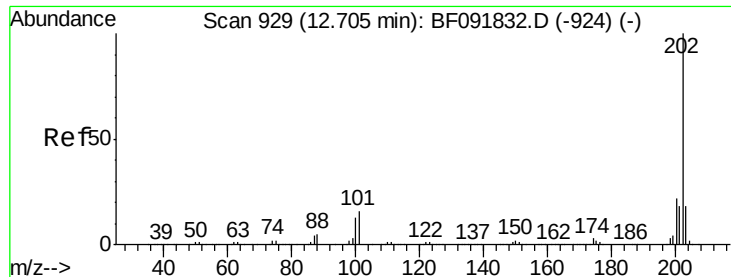


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

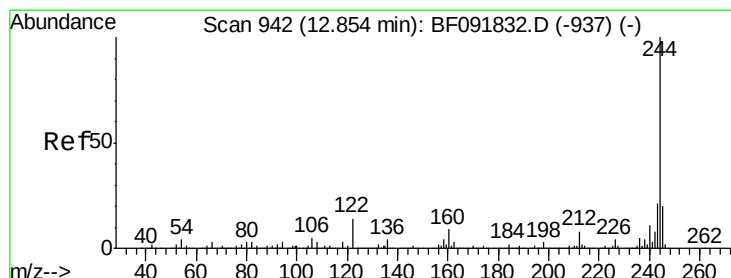
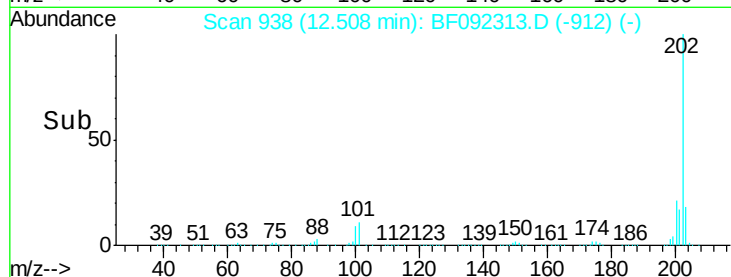
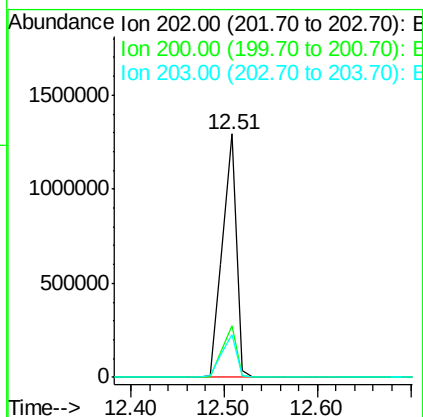
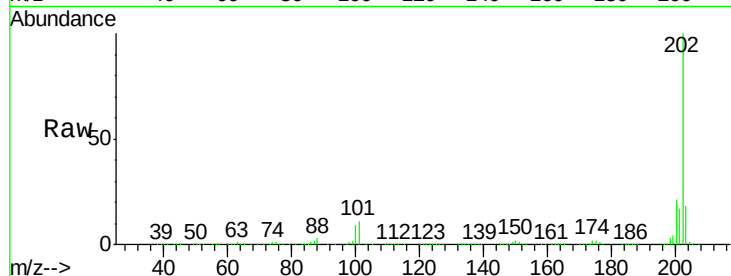




#77
 Pyrene
 Concen: 72.21 ng
 RT: 12.51 min Scan# 938
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

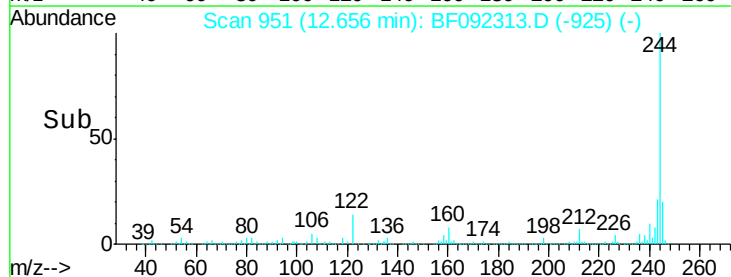
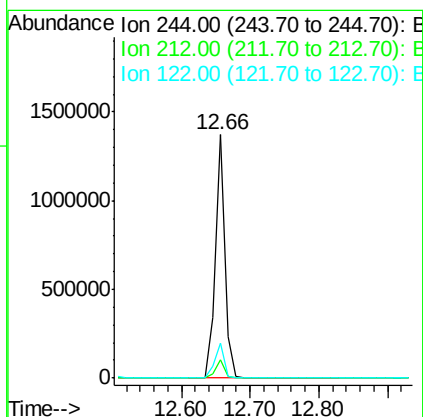
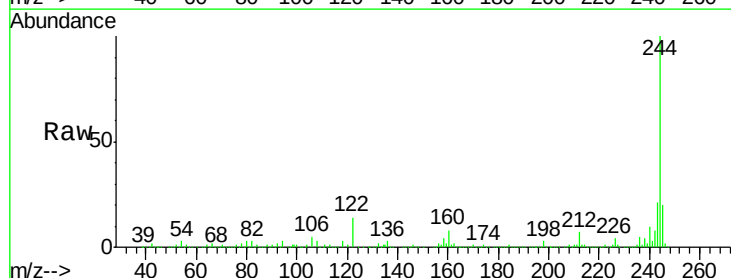
Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MS

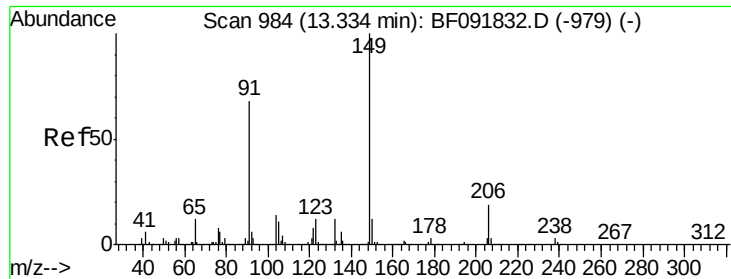
Tgt Ion: 202 Resp: 1344841
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.7 26.5
 203 17.6 14.7 22.1



#78
 Terphenyl-d14
 Concen: 129.06 ng
 RT: 12.66 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Tgt Ion: 244 Resp: 1350790
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 14.3 11.4 17.2

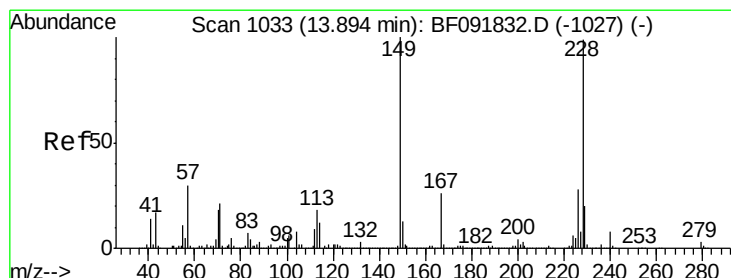
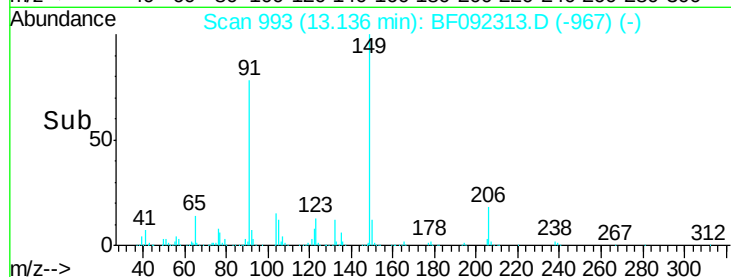
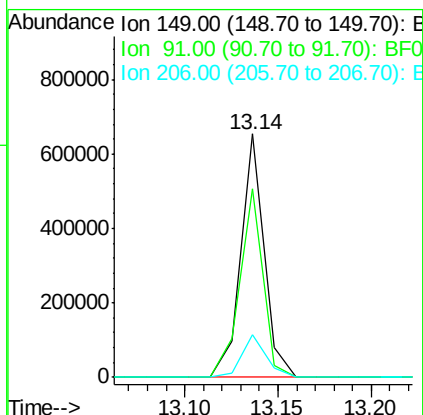
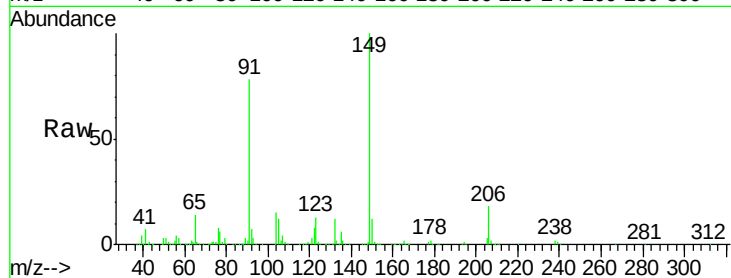




#79
Butylbenzylphthalate
Concen: 67.56 ng
RT: 13.14 min Scan# 993
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

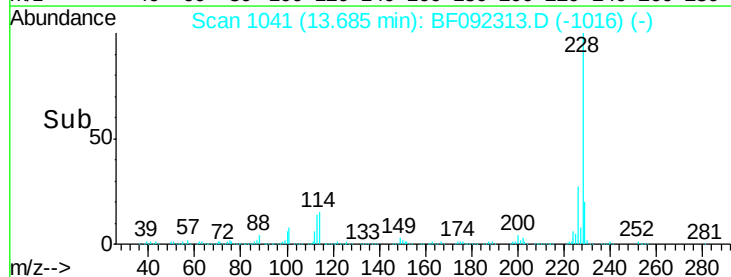
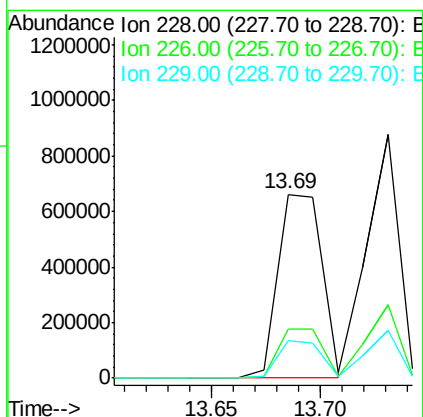
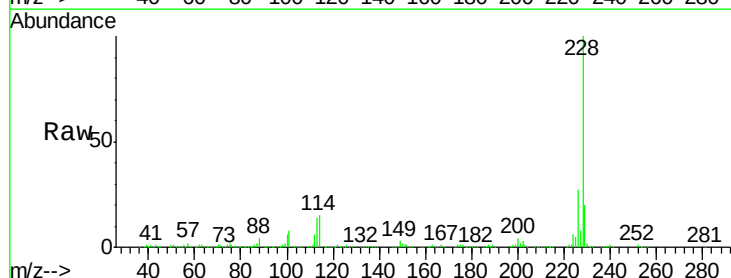
Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MS

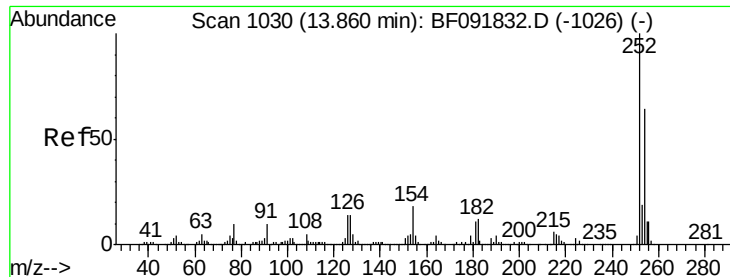
Tgt Ion	Ratio	Lower	Upper
149	100		
91	77.6	63.9	95.9
206	17.6	14.6	21.8



#80
Benzo(a)anthracene
Concen: 65.30 ng
RT: 13.69 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.9	22.4	33.6
229	20.3	16.2	24.4

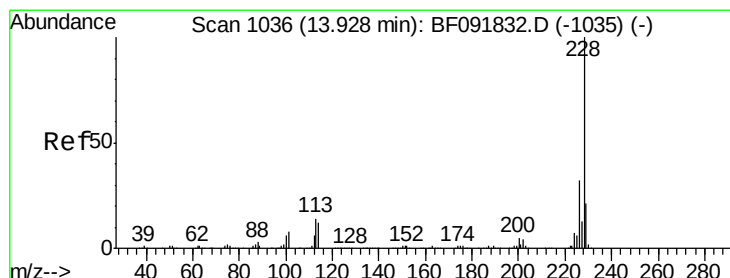
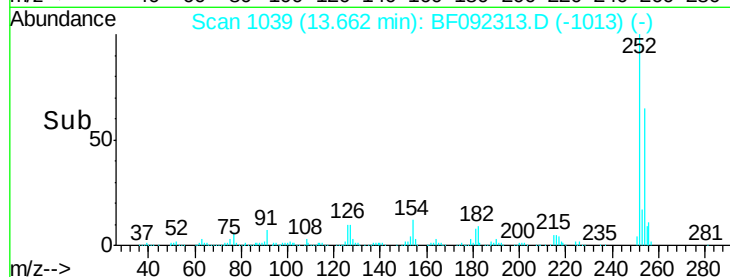
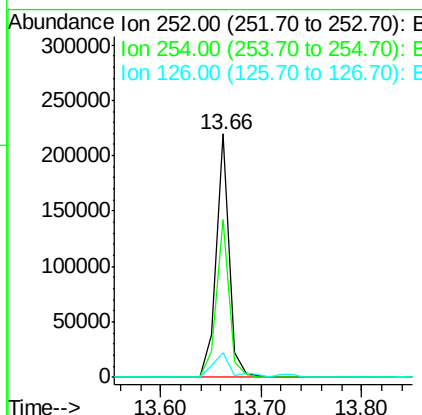
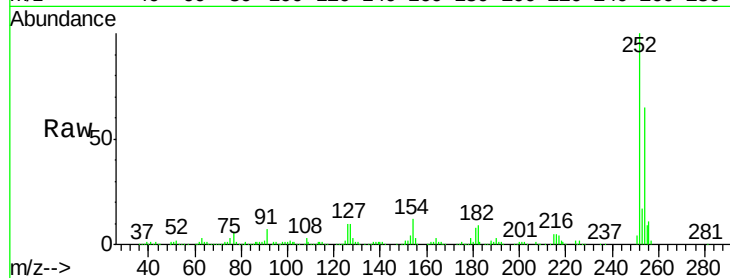




#81
 3,3'-Dichlorobenzidine
 Concen: 36.37 ng
 RT: 13.66 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

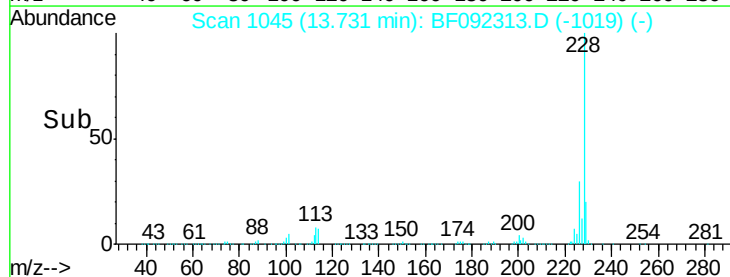
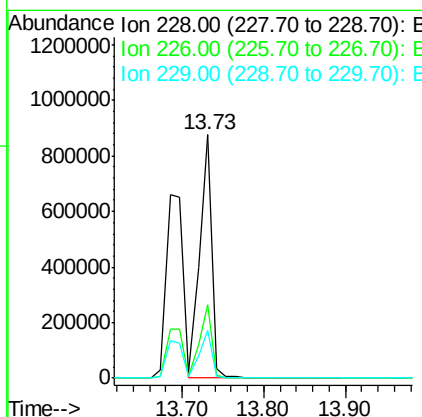
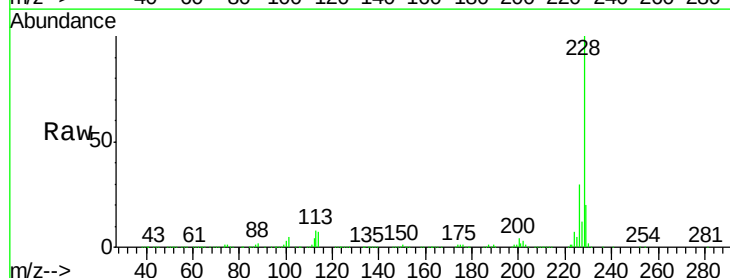
Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MS

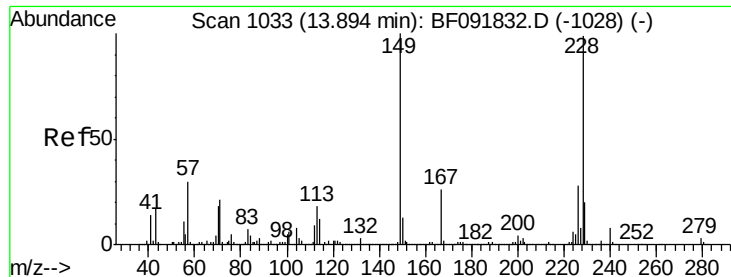
Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	52.3	78.5
126	10.3	13.6	20.4



#82
 Chrysene
 Concen: 63.19 ng
 RT: 13.73 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.4	38.0
229	19.8	16.2	24.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 71.64 ng

RT: 13.71 min Scan# 1043

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

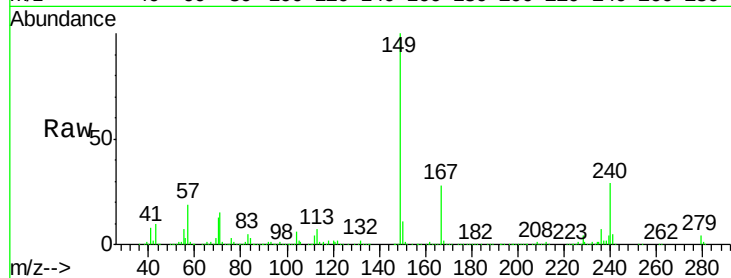
Tgt Ion:149 Resp: 714622

Ion Ratio Lower Upper

149 100

167 27.9 20.2 30.4

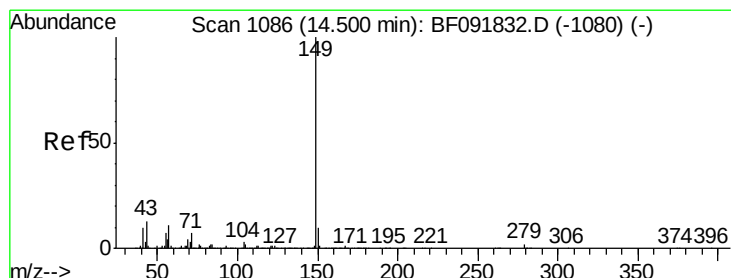
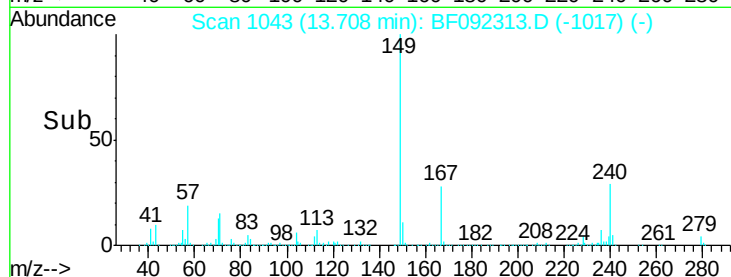
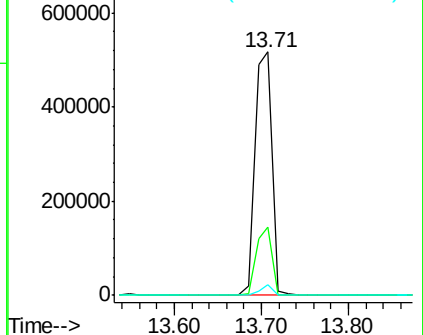
279 4.3 1.8 2.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 62.96 ng

RT: 14.31 min Scan# 1096

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

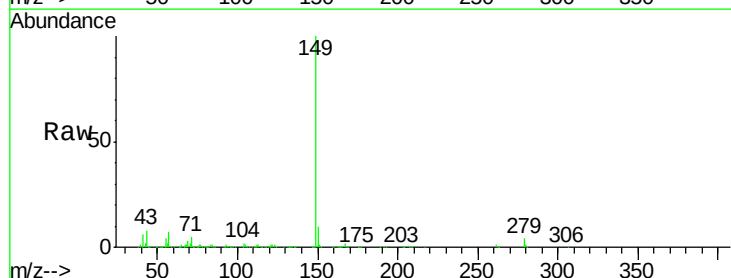
Tgt Ion:149 Resp: 1163366

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

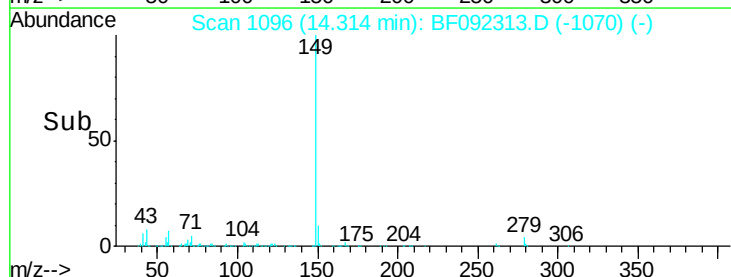
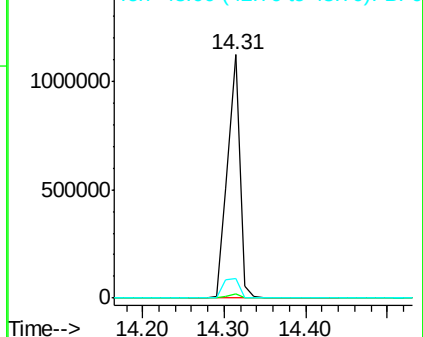
43 10.4 8.9 13.3

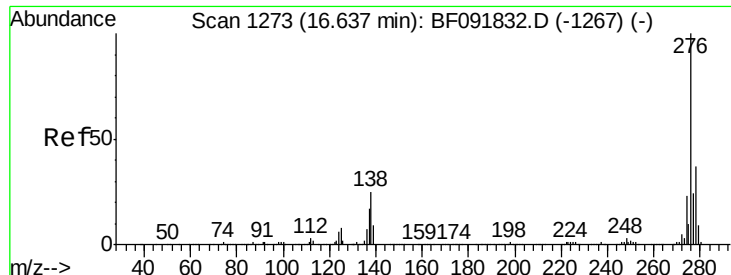


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

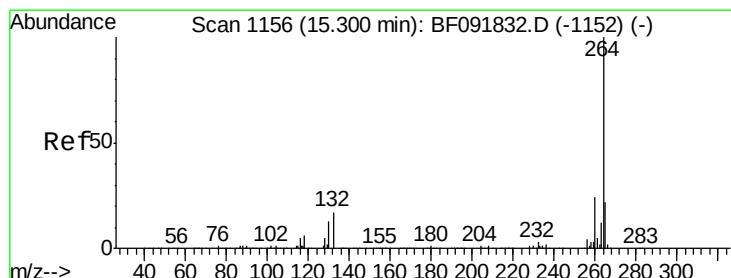
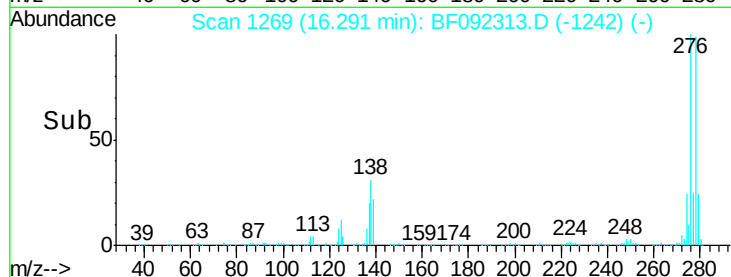
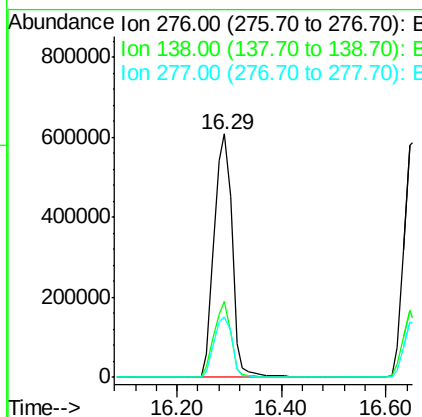
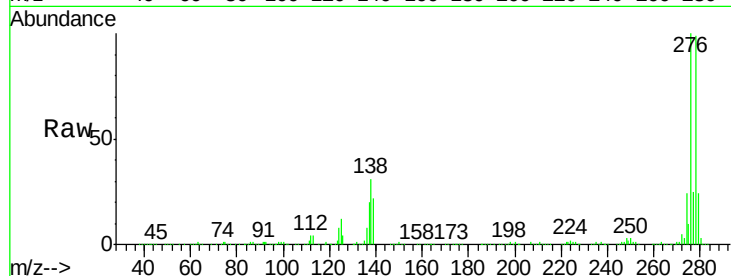




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 117.75 ng
 RT: 16.29 min Scan# 1269
 Delta R.T. 0.01 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

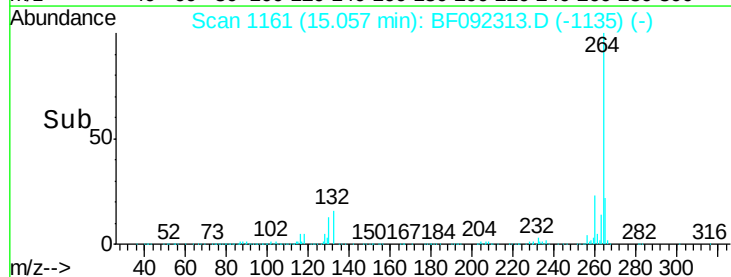
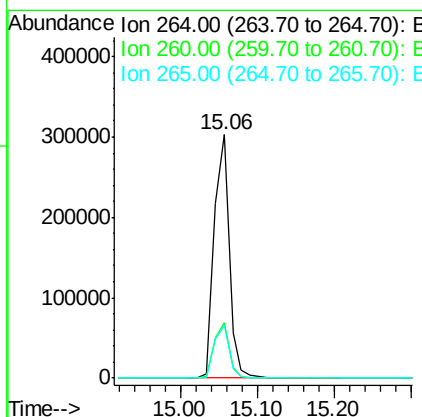
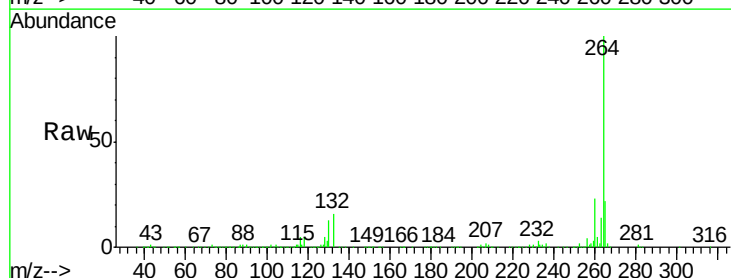
Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MS

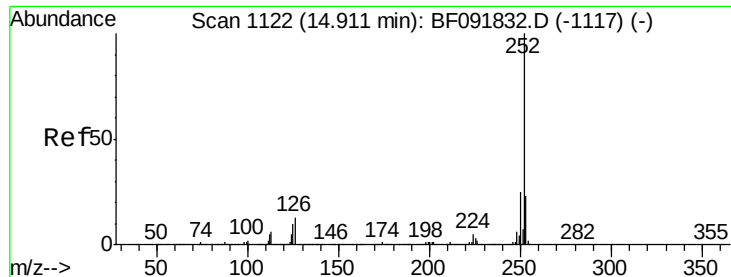
Tgt Ion:276 Resp: 1466110
 Ion Ratio Lower Upper
 276 100
 138 29.5 21.8 32.6
 277 25.1 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.06 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Tgt Ion:264 Resp: 413454
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.2 28.8
 265 21.9 17.4 26.0





#87

Benzo(b)fluoranthene

Concen: 75.80 ng

RT: 14.69 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

Instrument :

BNA_F

ClientSampleId :

TOD-WCS-011217MS

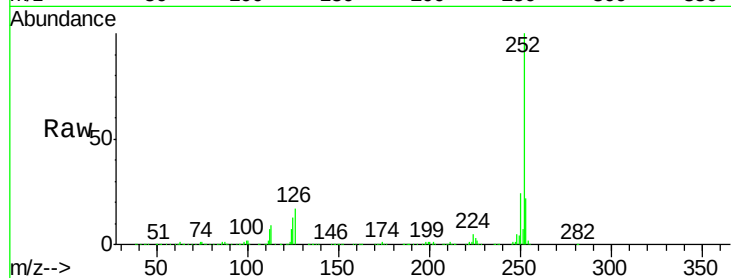
Tgt Ion:252 Resp: 1951275

Ion Ratio Lower Upper

252 100

253 22.1 18.2 27.4

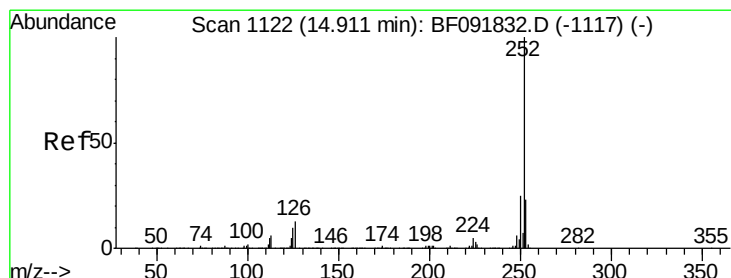
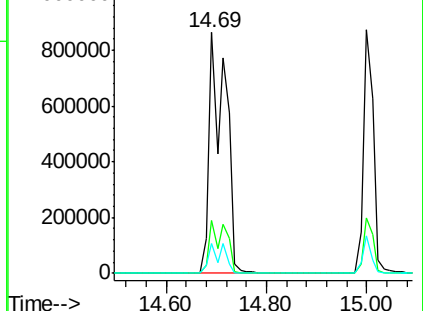
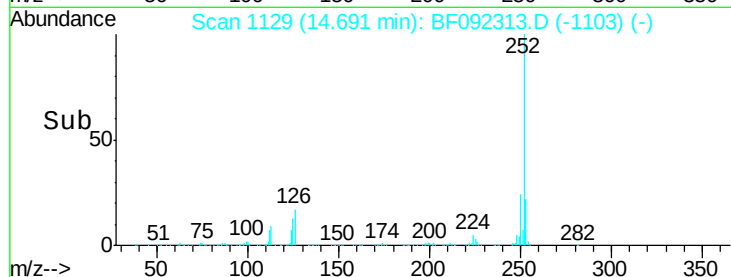
125 12.6 9.8 14.6



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: 88.89 ng

RT: 14.69 min Scan# 1129

Delta R.T. -0.02 min

Lab File: BF092313.D

Acq: 17 Jan 2017 6:33

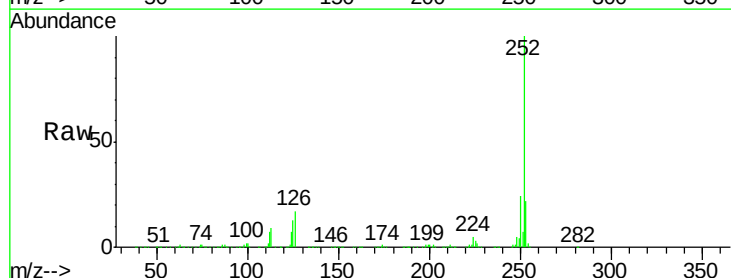
Tgt Ion:252 Resp: 1951275

Ion Ratio Lower Upper

252 100

253 22.1 18.5 27.7

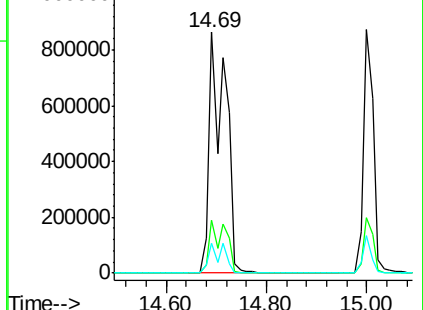
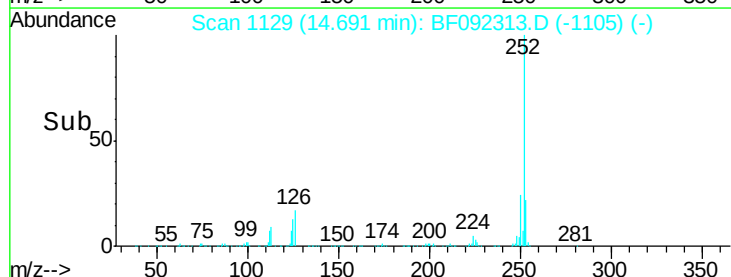
125 12.6 8.9 13.3

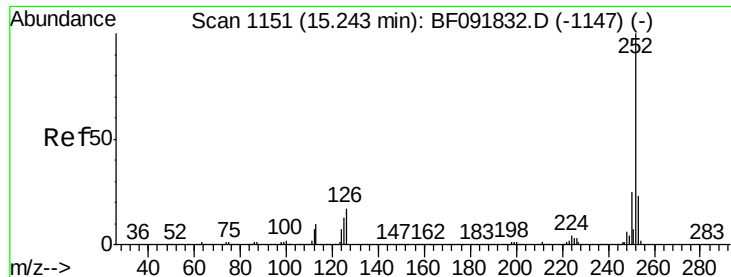


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

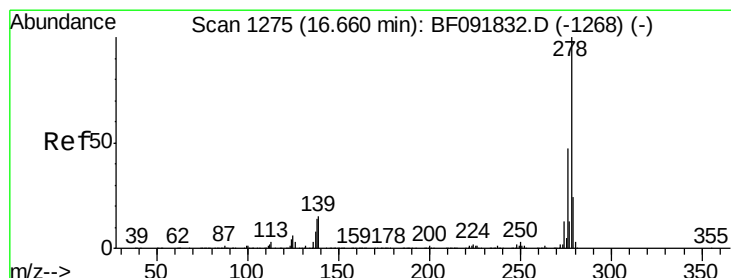
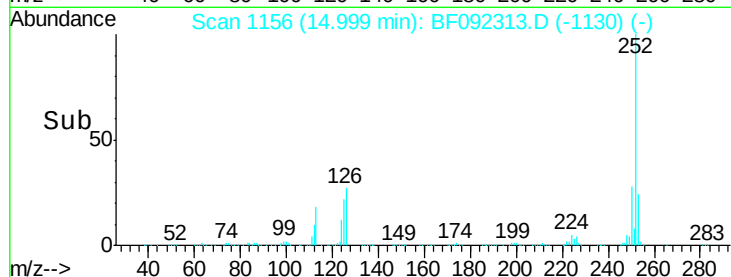
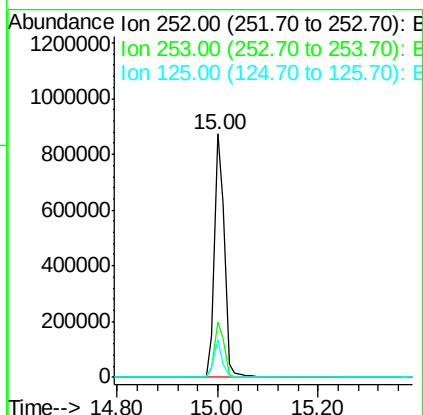
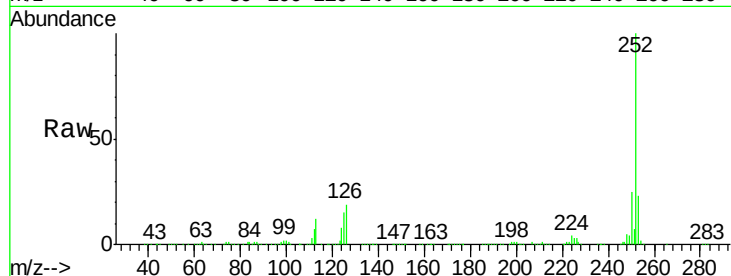




#89
Benzo(a)pyrene
Concen: 52.10 ng
RT: 15.00 min Scan# 1156
Delta R.T. -0.00 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

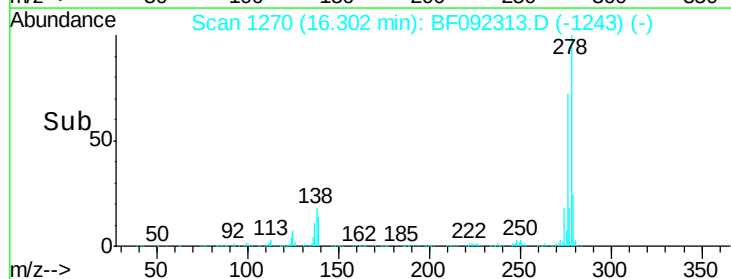
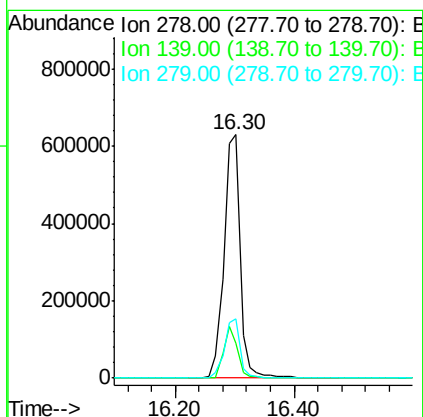
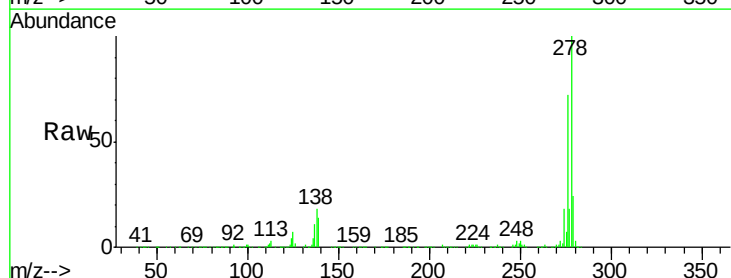
Instrument :
BNA_F
ClientSampleId :
TOD-WCS-011217MS

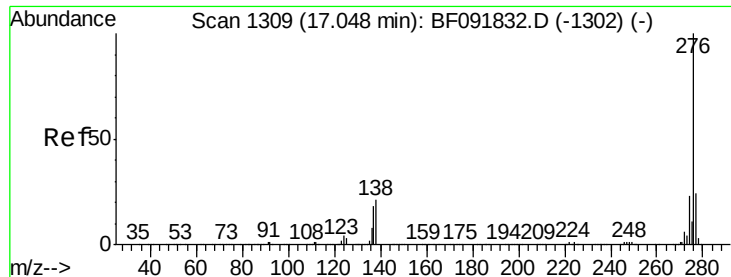
Tgt Ion: 252 Resp: 1190376
Ion Ratio Lower Upper
252 100
253 22.6 18.2 27.2
125 15.2 10.0 15.0#



#90
Dibenzo(a,h)anthracene
Concen: 63.89 ng
RT: 16.30 min Scan# 1270
Delta R.T. 0.01 min
Lab File: BF092313.D
Acq: 17 Jan 2017 6:33

Tgt Ion: 278 Resp: 1199718
Ion Ratio Lower Upper
278 100
139 14.3 14.8 22.2#
279 24.1 19.8 29.6





#91
 Benzo(g,h,i)perylene
 Concen: 66.49 ng
 RT: 16.66 min Scan# 1301
 Delta R.T. 0.01 min
 Lab File: BF092313.D
 Acq: 17 Jan 2017 6:33

Instrument :
 BNA_F
 ClientSampleId :
 TOD-WCS-011217MS

Tgt Ion: 276 Resp: 1298390
 Ion Ratio Lower Upper
 276 100
 277 22.7 19.2 28.8
 138 22.0 16.0 24.0

