

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
 Data File : BF091926.D
 Acq On : 23 Dec 2016 16:23
 Operator : UM/SJ
 Sample : H5156-25MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

Quant Time: Dec 23 22:05:19 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	186621	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	769137	20.00	ng	-0.01
38) Acenaphthene-d10	9.78	164	413103	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	709790	20.00	ng	0.00
75) Chrysene-d12	13.89	240	535401	20.00	ng	-0.01
86) Perylene-d12	15.29	264	431826	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.39	112	1389455	124.32	ng	0.05
7) Phenol-d6	6.44	99	1778253	130.32	ng	0.03
23) Nitrobenzene-d5	7.31	82	1237595	89.47	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	508198	148.65	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	2047919	104.54	ng	-0.01
78) Terphenyl-d14	12.84	244	1911162	86.57	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.33	88	189768	34.49	ng	96
3) Pyridine	3.00	79	601000	31.29	ng	99
4) n-Nitrosodimethylamine	2.97	42	324145	44.75	ng	97
6) Aniline	6.41	93	630223	35.56	ng	# 44
8) 2-Chlorophenol	6.54	128	535616	42.13	ng	99
9) Benzaldehyde	6.28	77	97224	9.68	ng	98
10) Phenol	6.45	94	706003	45.40	ng	# 66
11) bis(2-Chloroethyl)ether	6.49	93	598799	48.40	ng	97
12) 1,3-Dichlorobenzene	6.68	146	552508	40.71	ng	# 94
13) 1,4-Dichlorobenzene	6.76	146	564368	40.85	ng	95
14) 1,2-Dichlorobenzene	6.91	146	470983	39.29	ng	97
15) Benzyl Alcohol	6.91	79	516470	48.71	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.02	45	778493	42.25	ng	90
17) 2-Methylphenol	7.05	107	481456	47.09	ng	96
18) Hexachloroethane	7.25	117	213516	41.69	ng	97
19) n-Nitroso-di-n-propylamine	7.16	70	440907	48.57	ng	98
20) 3+4-Methylphenols	7.20	107	637613	52.28	ng	# 71
22) Acetophenone	7.16	105	865256	45.61	ng	# 89
24) Nitrobenzene	7.33	77	708496	48.09	ng	94
25) Isophorone	7.57	82	1115696	43.72	ng	96
26) 2-Nitrophenol	7.65	139	306708	42.22	ng	# 83
27) 2,4-Dimethylphenol	7.71	122	470845	39.07	ng	98
28) bis(2-Chloroethoxy)methane	7.79	93	746465	48.24	ng	99
29) 2,4-Dichlorophenol	7.92	162	486557	47.69	ng	97
30) 1,2,4-Trichlorobenzene	7.97	180	487093	43.56	ng	96
31) Naphthalene	8.05	128	4956681	140.81	ng	98
32) Benzoic acid	7.84	122	117291	13.12	ng	98
33) 4-Chloroaniline	8.11	127	529335	33.35	ng	99
34) Hexachlorobutadiene	8.17	225	255196	43.24	ng	100
35) Caprolactam	8.49	113	80084	23.88	ng	# 76
36) 4-Chloro-3-methylphenol	8.62	107	579138	49.33	ng	95
37) 2-Methylnaphthalene	8.74	142	1177721	66.74	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	485979	46.56	ng	99
40) Hexachlorocyclopentadiene	8.90	237	269048	58.98	ng	99

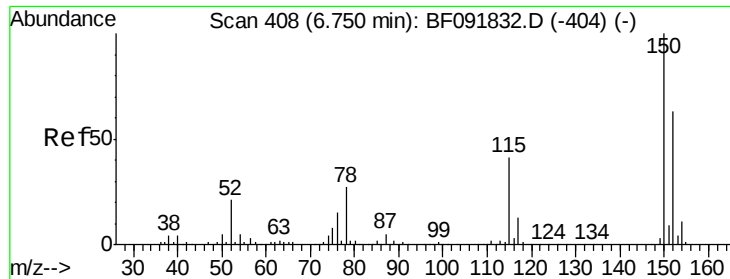
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122316\
 Data File : BF091926.D
 Acq On : 23 Dec 2016 16:23
 Operator : UM/SJ
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Quant Time: Dec 23 22:05:19 2016
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 16:17:51 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	318196	43.59	ng	97
43) 2,4,5-Trichlorophenol	9.08	196	306683	40.83	ng	94
45) 1,1'-Biphenyl	9.21	154	1416447	50.08	ng	98
46) 2-Chloronaphthalene	9.23	162	1013816	45.26	ng	96
47) 2-Nitroaniline	9.33	65	309920	38.86	ng	96
48) Acenaphthylene	9.64	152	1530795	44.44	ng	99
49) Dimethylphthalate	9.52	163	1227032	46.44	ng	99
50) 2,6-Dinitrotoluene	9.57	165	256602	44.37	ng	# 62
51) Acenaphthene	9.81	154	968092	41.45	ng	99
52) 3-Nitroaniline	9.74	138	258002	36.05	ng	95
53) 2,4-Dinitrophenol	9.86	184	158230	49.17	ng	96
54) Dibenzofuran	9.98	168	1310618	41.55	ng	97
55) 4-Nitrophenol	9.98	139	910444	187.36	ng	# 7
56) 2,4-Dinitrotoluene	9.97	165	339692	46.80	ng	# 78
57) Fluorene	10.33	166	1084086	47.24	ng	98
58) 2,3,4,6-Tetrachlorophenol	10.12	232	265743	44.73	ng	99
59) Diethylphthalate	10.21	149	1252738	48.82	ng	97
60) 4-Chlorophenyl-phenylether	10.32	204	478121	47.58	ng	93
61) 4-Nitroaniline	10.36	138	244158	32.92	ng	97
62) Azobenzene	10.48	77	1322417	46.81	ng	98
64) 4,6-Dinitro-2-methylphenol	10.38	198	144294	33.62	ng	# 38
65) n-Nitrosodiphenylamine	10.44	169	963048	45.72	ng	98
66) 4-Bromophenyl-phenylether	10.81	248	318311	43.11	ng	97
67) Hexachlorobenzene	10.88	284	360798	45.72	ng	98
68) Atrazine	10.98	200	326984	48.13	ng	96
69) Pentachlorophenol	11.08	266	309709	79.98	ng	99
70) Phenanthrene	11.29	178	1774776	46.11	ng	99
71) Anthracene	11.33	178	1601401	48.03	ng	99
72) Carbazole	11.50	167	1655702	66.02	ng	98
73) Di-n-butylphthalate	11.82	149	1754663	48.43	ng	99
74) Fluoranthene	12.46	202	1582366	47.04	ng	99
76) Benzidine	12.60	184	701292	53.78	ng	96
77) Pyrene	12.69	202	1586447	40.39	ng	100
79) Butylbenzylphthalate	13.32	149	822387	46.03	ng	92
80) Benzo(a)anthracene	13.88	228	1319846	43.67	ng	100
81) 3,3'-Dichlorobenzidine	13.85	252	310550	27.10	ng	98
82) Chrysene	13.92	228	1134927	37.44	ng	99
83) Bis(2-ethylhexyl)phthalate	13.88	149	999918	47.52	ng	# 99
84) Di-n-octyl phthalate	14.49	149	1732666	44.45	ng	100
85) Indeno(1,2,3-cd)pyrene	16.63	276	1104444	42.05	ng	99
87) Benzo(b)fluoranthene	14.92	252	2266698	84.31	ng	98
88) Benzo(k)fluoranthene	14.92	252	2268045	98.93	ng	98
89) Benzo(a)pyrene	15.23	252	1063738	44.58	ng	98
90) Dibenzo(a,h)anthracene	16.64	278	899591	45.87	ng	97
91) Benzo(g,h,i)perylene	17.03	276	949994	46.58	ng	99

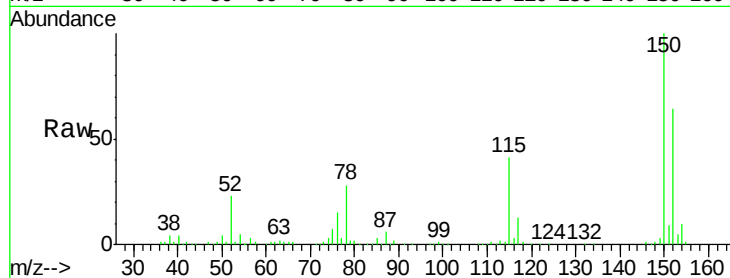
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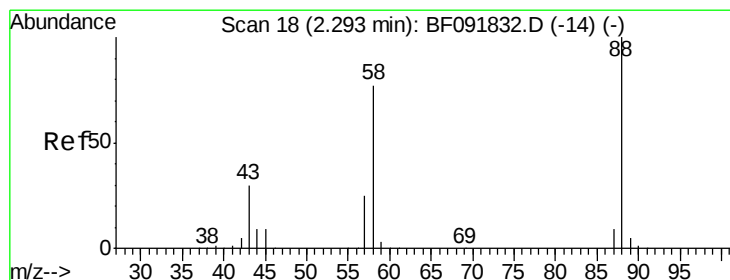
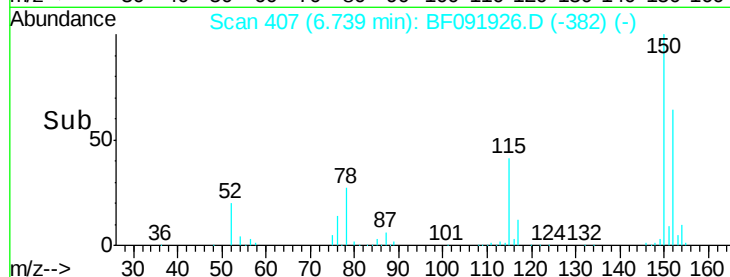
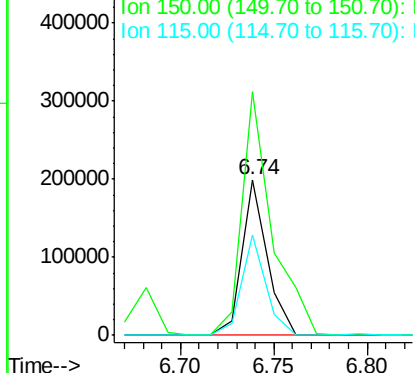
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.74 min Scan# 407
 Delta R.T. -0.01 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

Tgt Ion:152 Resp: 186621
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.9 187.3
 115 64.8 46.0 69.0

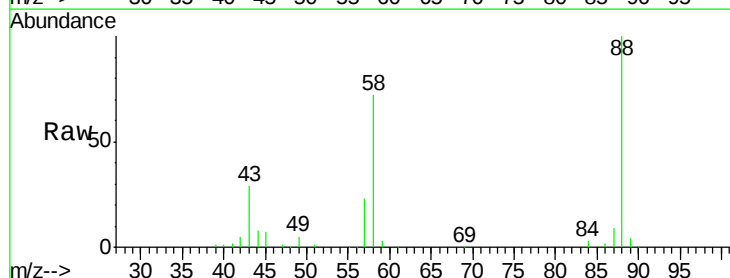


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

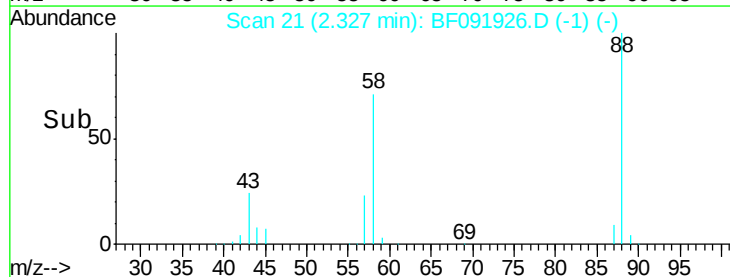
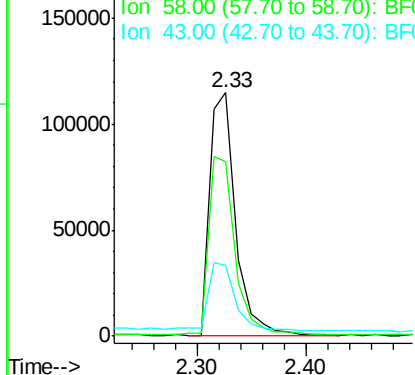


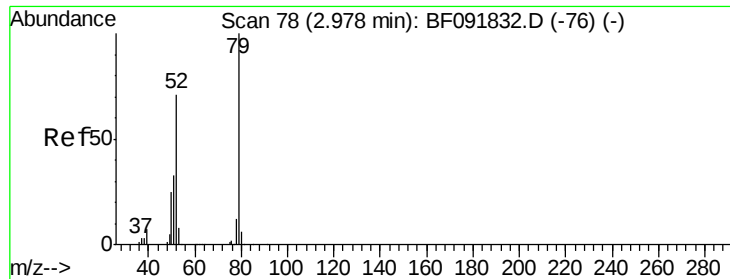
#2
 1,4-Dioxane
 Concen: 34.49 ng
 RT: 2.33 min Scan# 21
 Delta R.T. 0.03 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Tgt Ion: 88 Resp: 189768
 Ion Ratio Lower Upper
 88 100
 58 74.9 57.8 86.8
 43 30.4 22.3 33.5



Abundance Ion 88.00 (87.70 to 88.70): BF0
 Ion 58.00 (57.70 to 58.70): BF0
 Ion 43.00 (42.70 to 43.70): BF0





#3

Pyridine

Concen: 31.29 ng

RT: 3.00 min Scan# 80

Delta R.T. 0.02 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

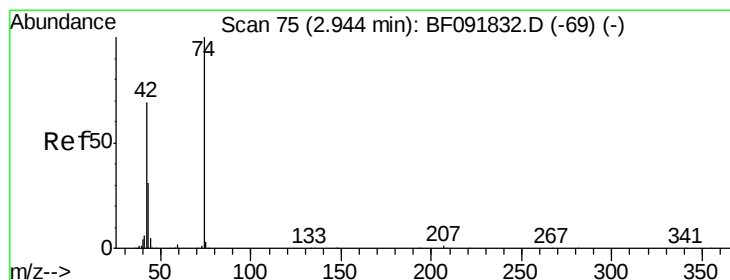
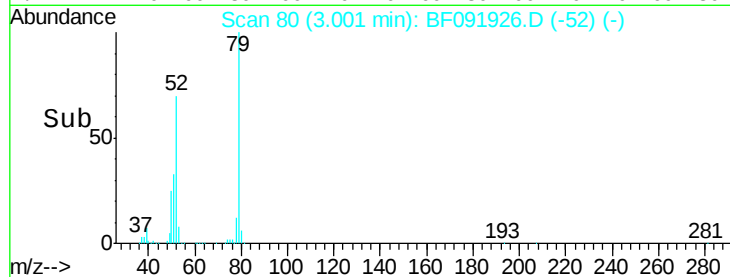
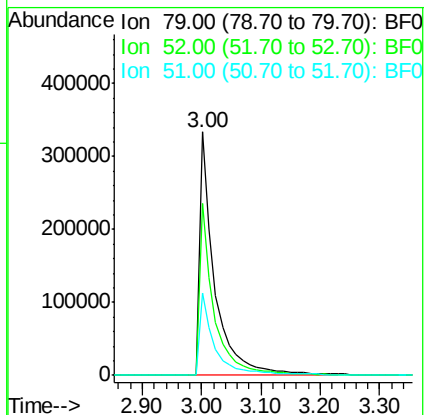
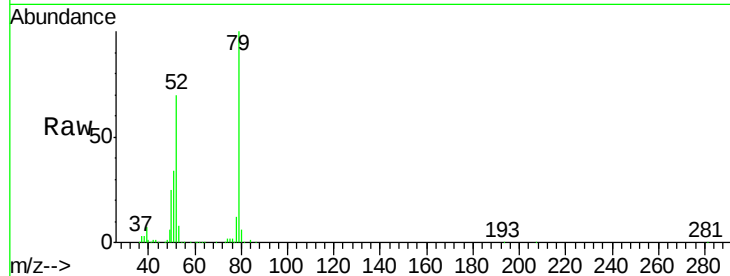
Tgt Ion: 79 Resp: 601000

Ion Ratio Lower Upper

79 100

52 70.5 57.1 85.7

51 33.8 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 44.75 ng

RT: 2.97 min Scan# 77

Delta R.T. 0.02 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

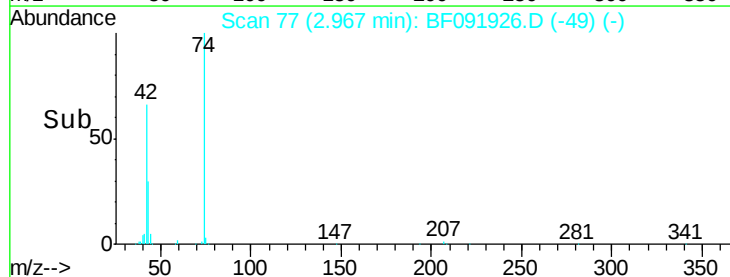
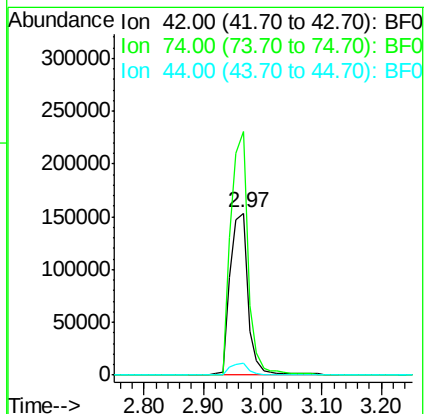
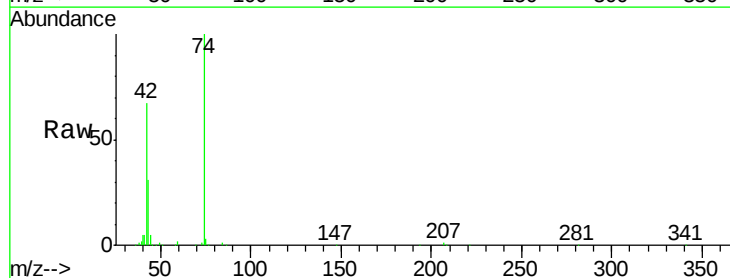
Tgt Ion: 42 Resp: 324145

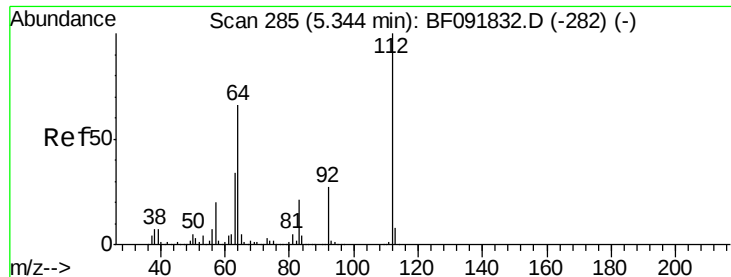
Ion Ratio Lower Upper

42 100

74 150.3 117.0 175.4

44 7.4 5.5 8.3





#5

2-Fluorophenol

Concen: 124.32 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.05 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

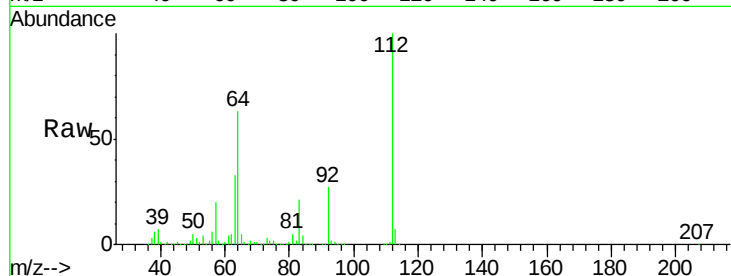
Tgt Ion:112 Resp: 1389455

Ion Ratio Lower Upper

112 100

64 62.5 46.1 69.1

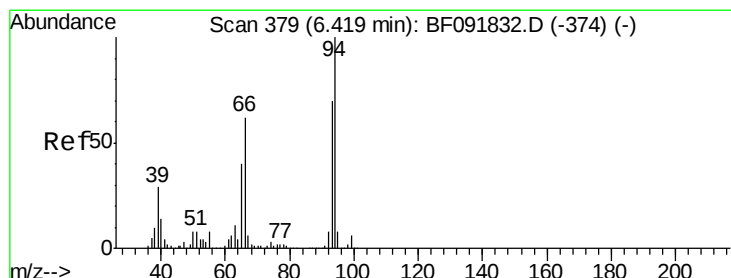
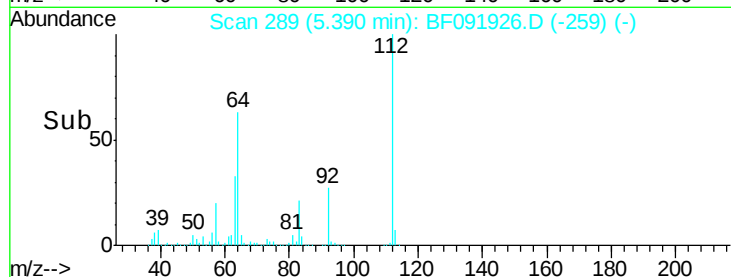
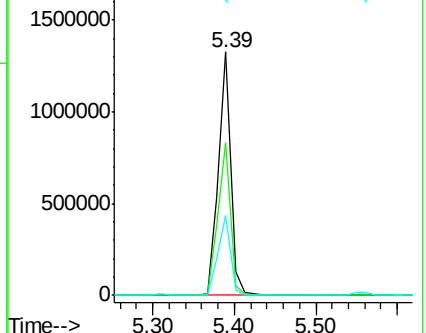
63 33.0 23.8 35.6



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: 35.56 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

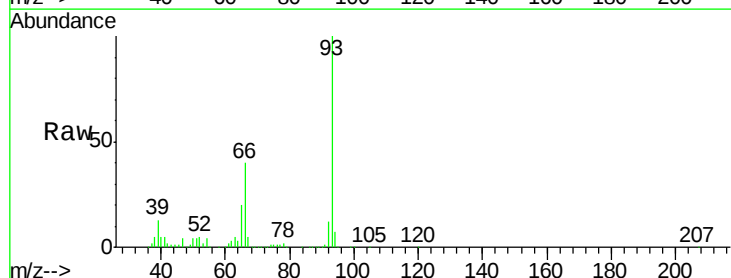
Tgt Ion: 93 Resp: 630223

Ion Ratio Lower Upper

93 100

66 40.1 76.2 114.2#

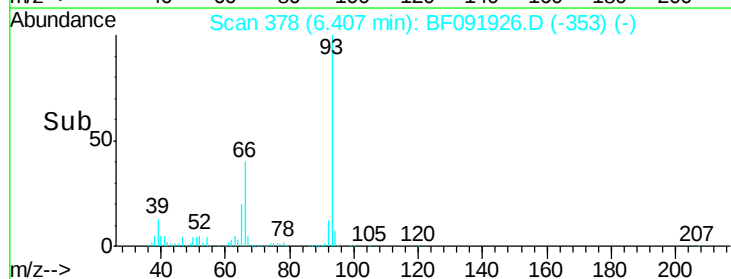
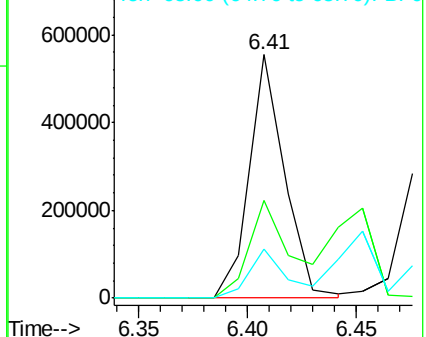
65 20.3 49.3 73.9#

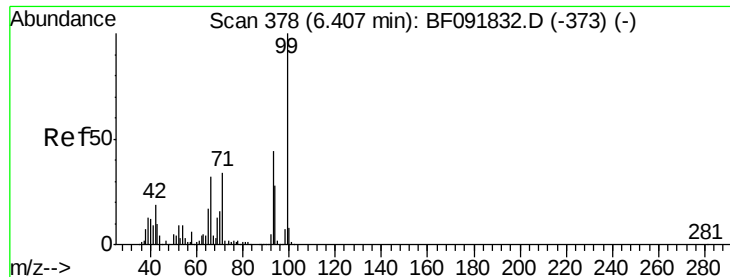


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 130.32 ng

RT: 6.44 min Scan# 381

Delta R.T. 0.03 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

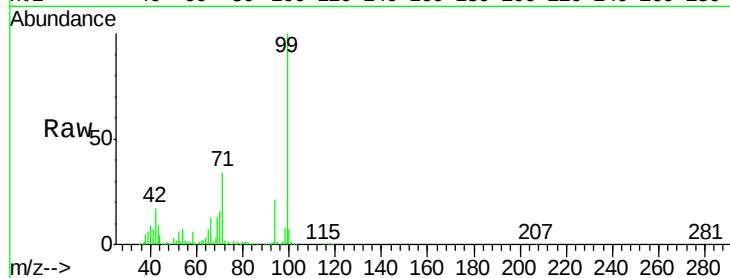
Tgt Ion: 99 Resp: 1778253

Ion Ratio Lower Upper

99 100

42 17.4 15.6 23.4

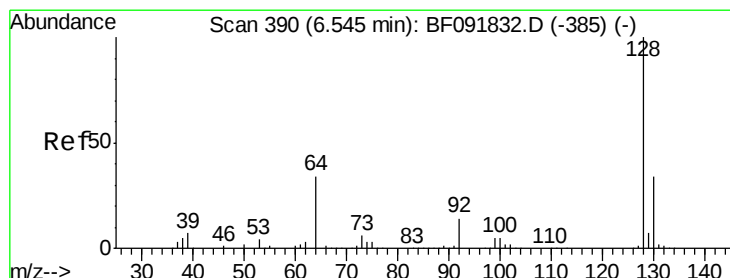
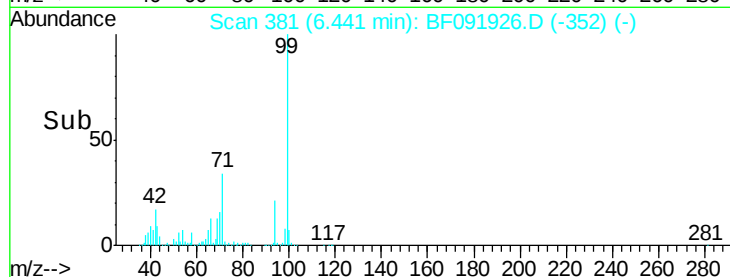
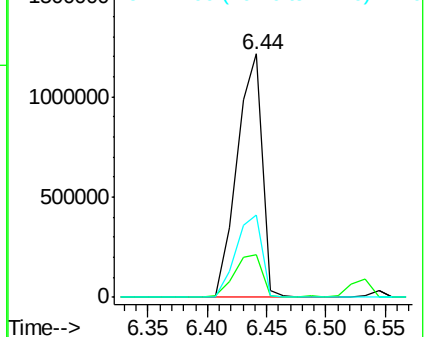
71 33.8 27.5 41.3



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.13 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.00 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

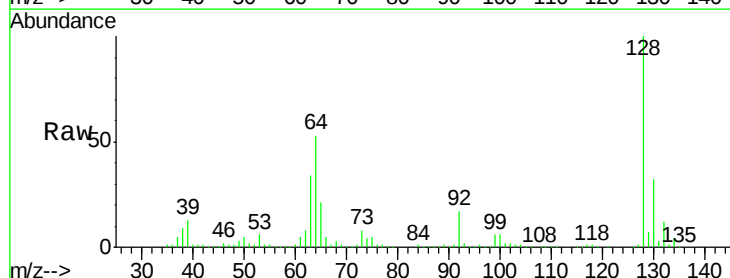
Tgt Ion: 128 Resp: 535616

Ion Ratio Lower Upper

128 100

130 32.4 12.3 52.3

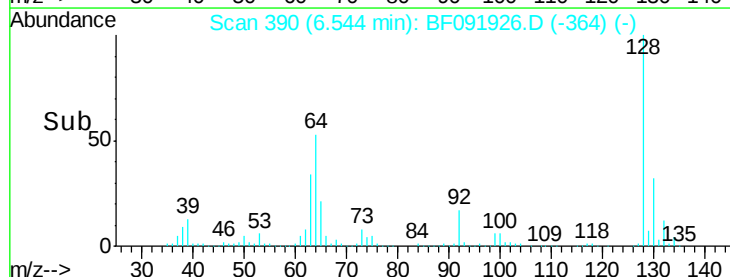
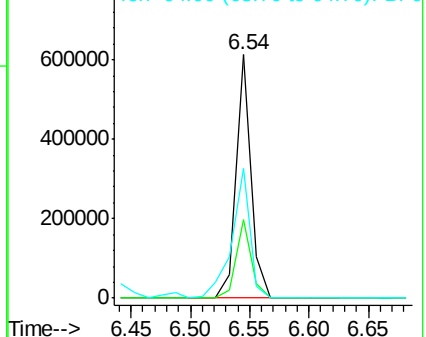
64 53.1 32.2 72.2

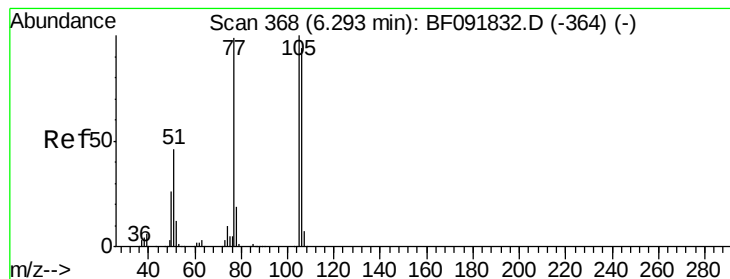


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.68 ng

RT: 6.28 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

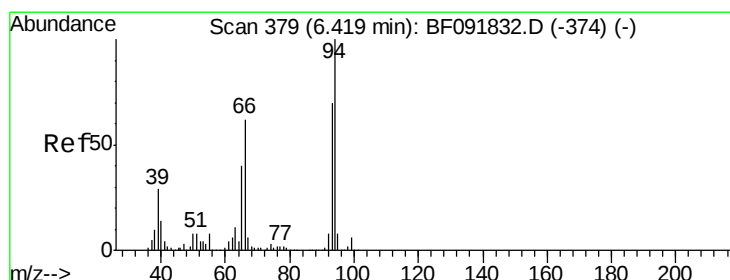
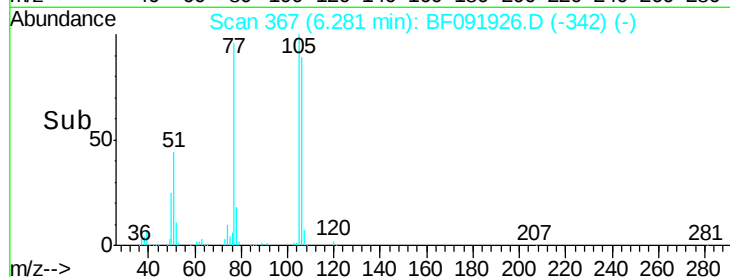
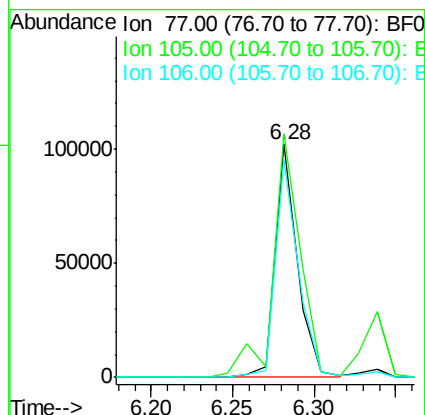
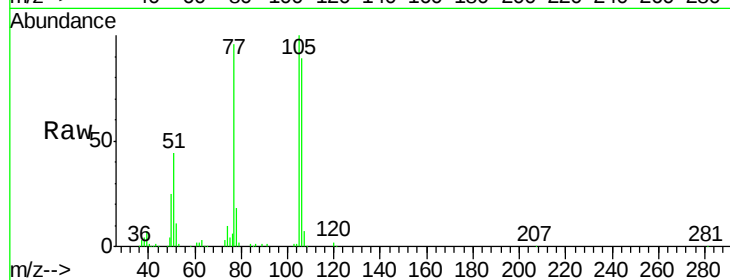
Tgt Ion: 77 Resp: 97224

Ion Ratio Lower Upper

77 100

105 104.3 83.9 123.9

106 93.2 77.6 117.6



#10

Phenol

Concen: 45.40 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.03 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

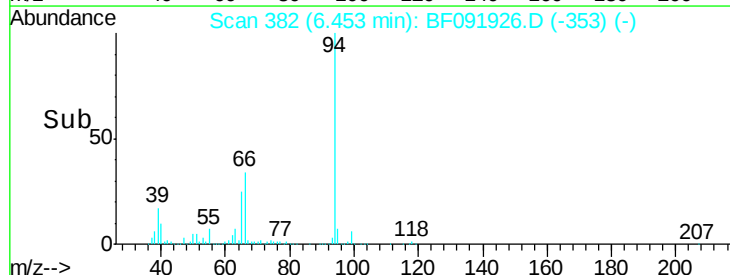
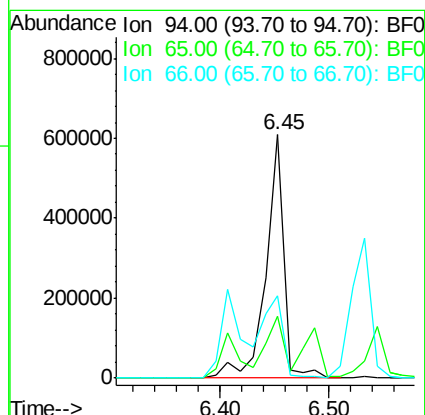
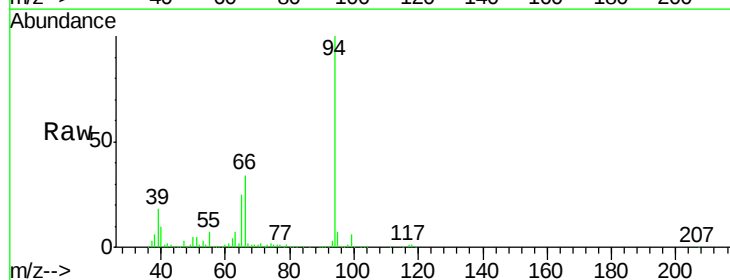
Tgt Ion: 94 Resp: 706003

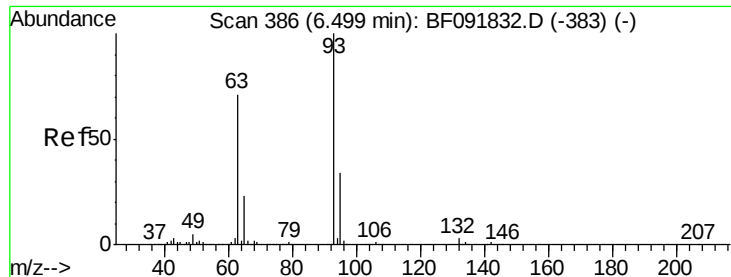
Ion Ratio Lower Upper

94 100

65 25.2 21.4 61.4

66 33.7 44.0 84.0#

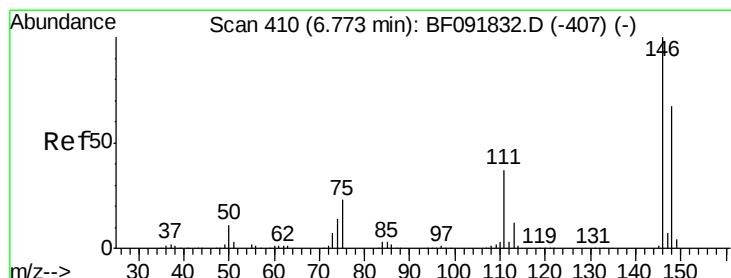
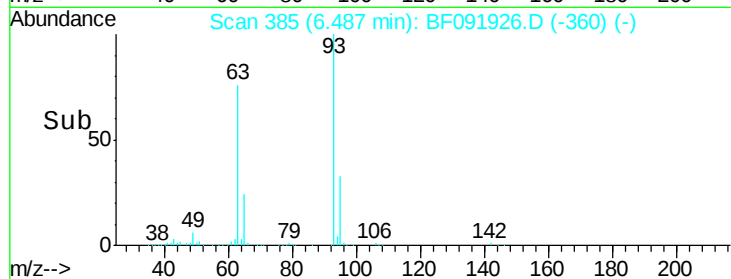
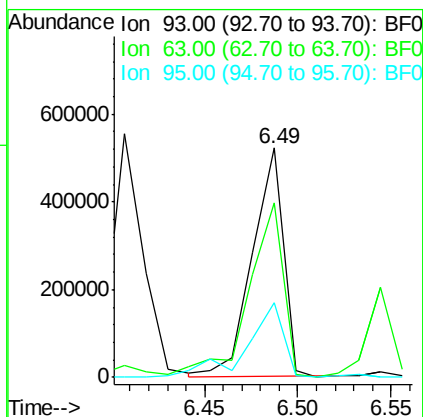
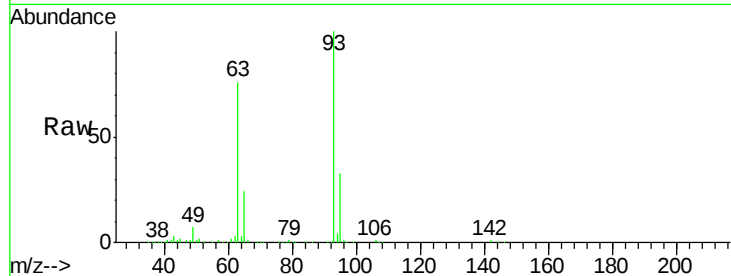




#11
bis(2-Chloroethyl)ether
Concen: 48.40 ng
RT: 6.49 min Scan# 385
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

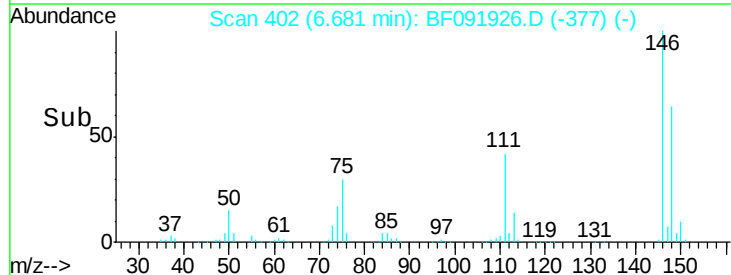
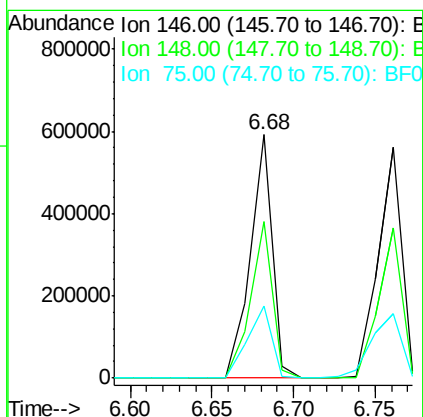
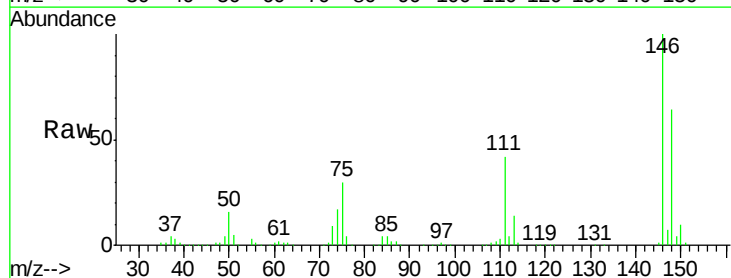
Instrument :
BNA_F
ClientSampleId :
WC-201612MS

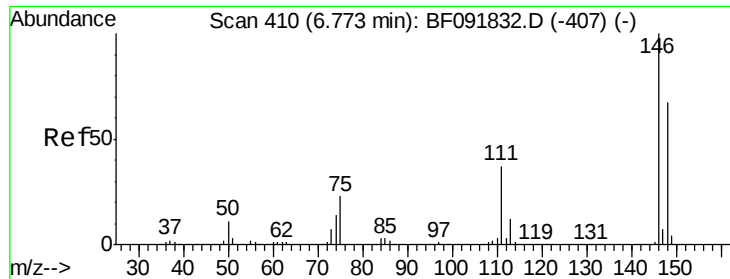
Tgt Ion: 93 Resp: 598799
Ion Ratio Lower Upper
93 100
63 76.3 60.4 100.4
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.71 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Tgt Ion: 146 Resp: 552508
Ion Ratio Lower Upper
146 100
148 64.4 53.4 80.0
75 29.7 18.5 27.7#

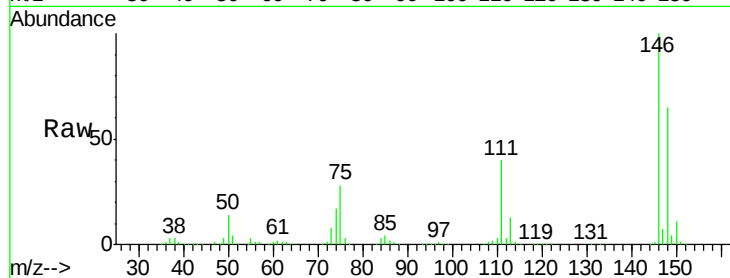




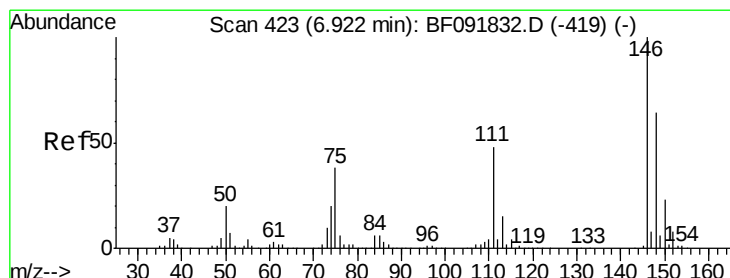
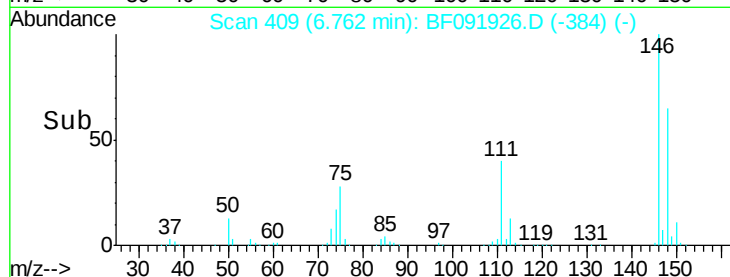
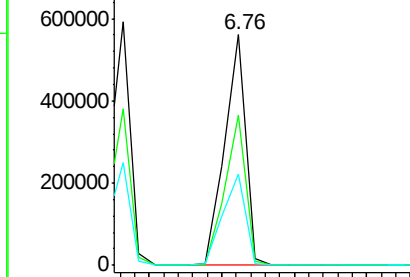
#13
 1,4-Dichlorobenzene
 Concen: 40.85 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

Tgt Ion:146 Resp: 564368
 Ion Ratio Lower Upper
 146 100
 148 65.1 50.6 76.0
 111 39.9 36.2 54.4

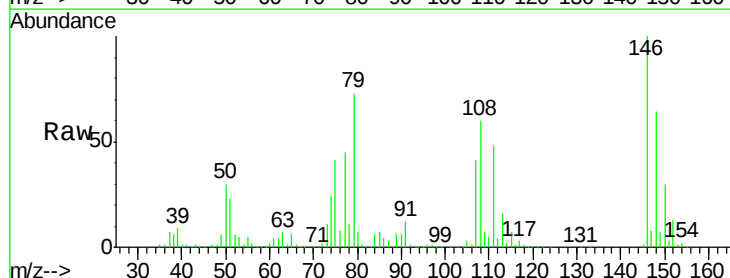


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

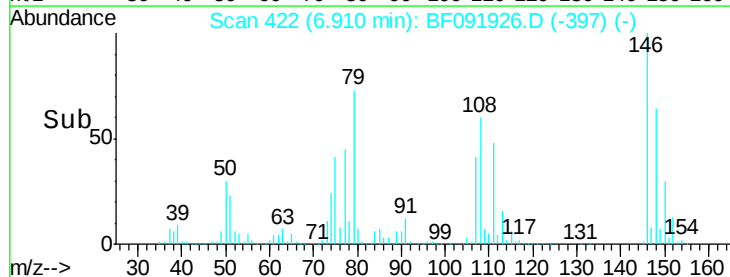
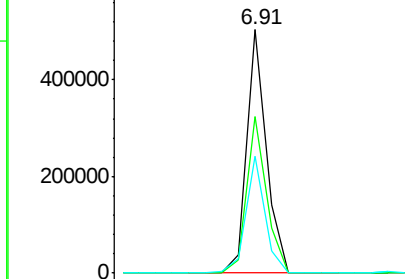


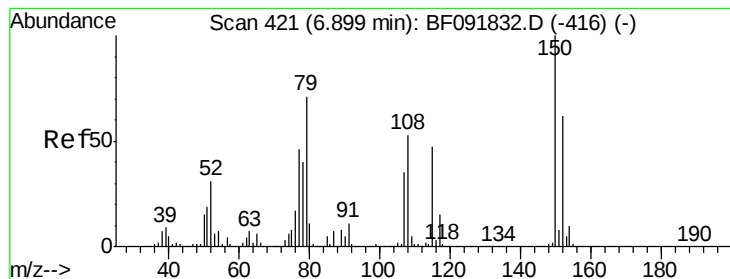
#14
 1,2-Dichlorobenzene
 Concen: 39.29 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.01 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Tgt Ion:146 Resp: 470983
 Ion Ratio Lower Upper
 146 100
 148 64.2 52.2 78.2
 111 48.1 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: 48.71 ng

RT: 6.91 min Scan# 422

Delta R.T. 0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

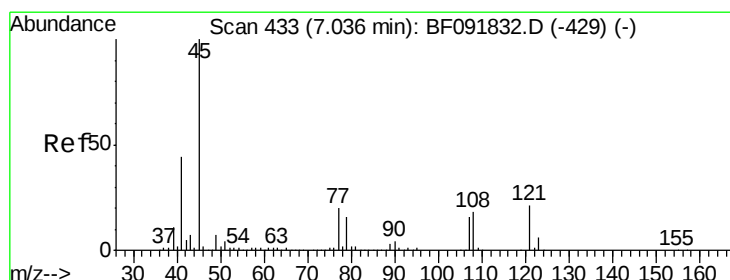
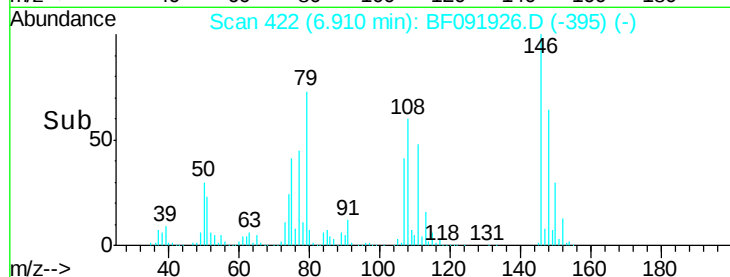
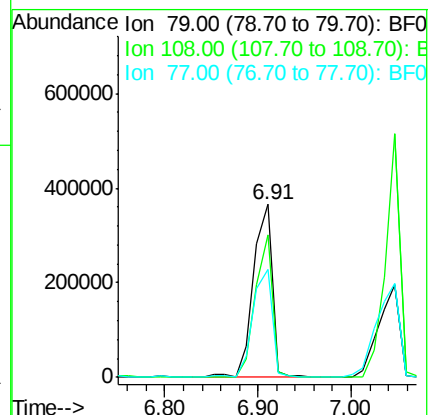
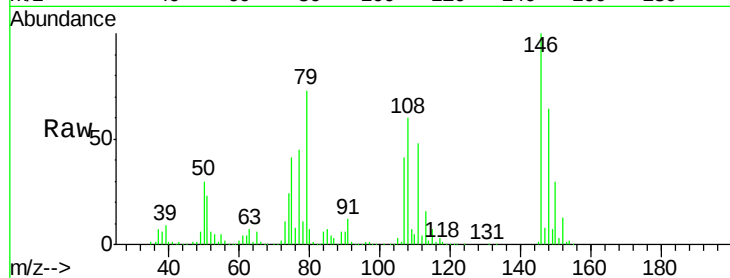
Tgt Ion: 79 Resp: 516470

Ion Ratio Lower Upper

79 100

108 82.1 61.4 92.0

77 62.4 50.9 76.3



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.25 ng

RT: 7.02 min Scan# 432

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

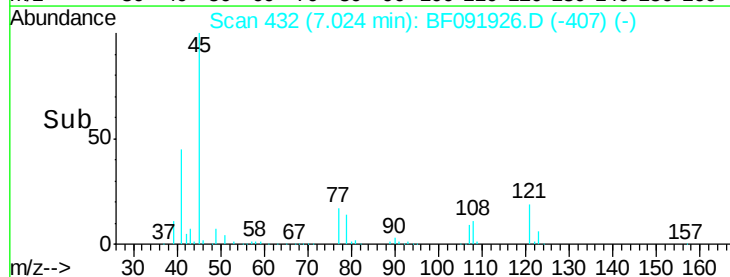
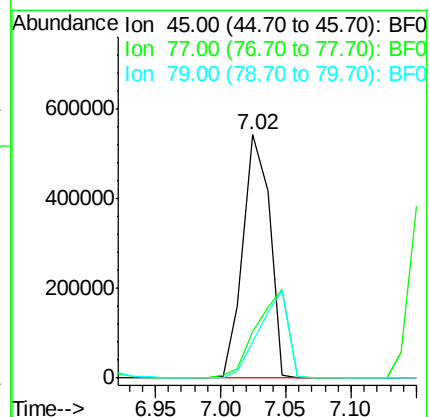
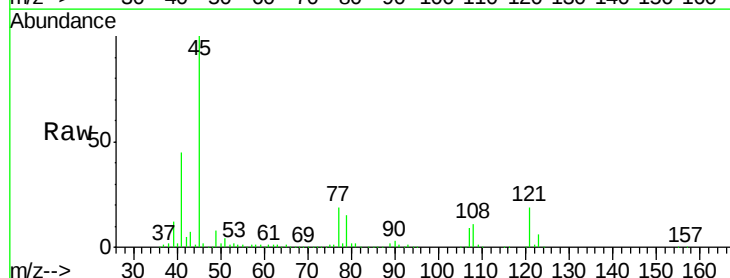
Tgt Ion: 45 Resp: 778493

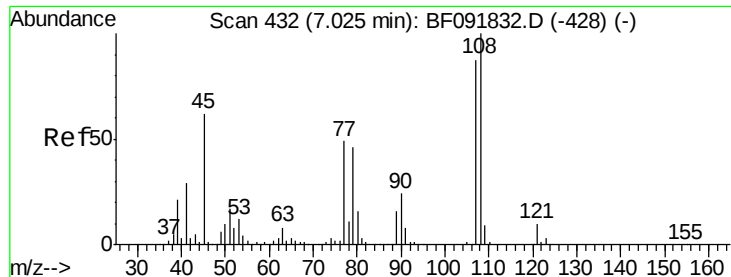
Ion Ratio Lower Upper

45 100

77 18.9 0.0 34.6

79 15.0 0.0 31.2

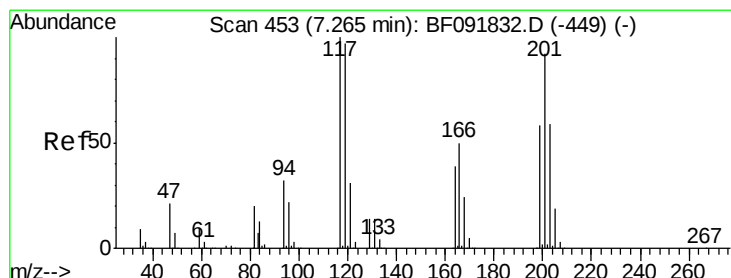
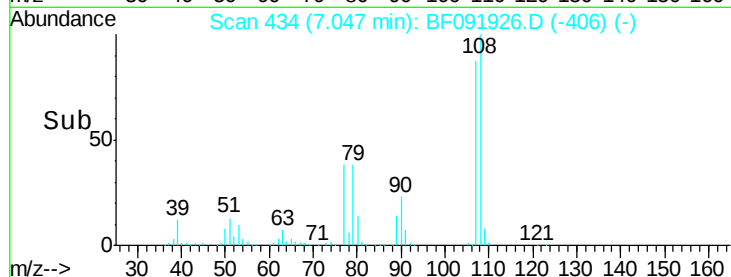
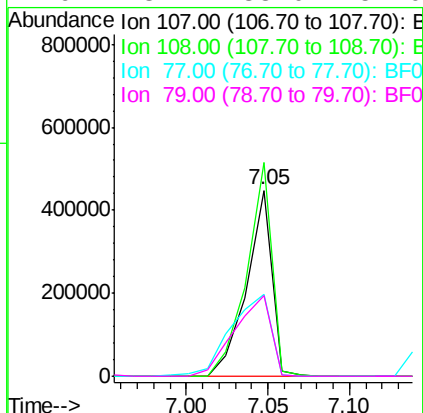
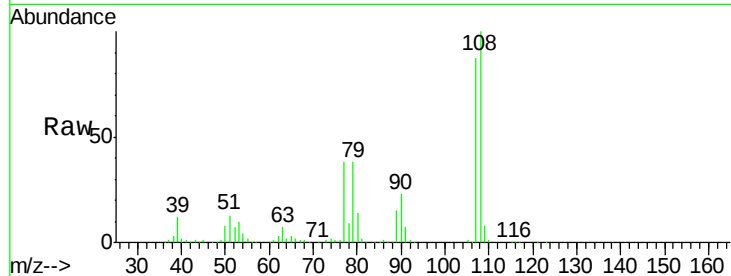




#17
2-Methylphenol
Concen: 47.09 ng
RT: 7.05 min Scan# 434
Delta R.T. 0.02 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

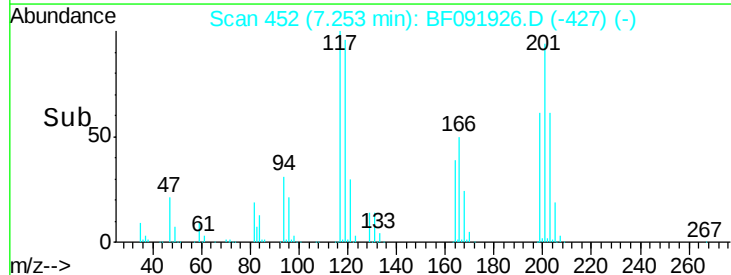
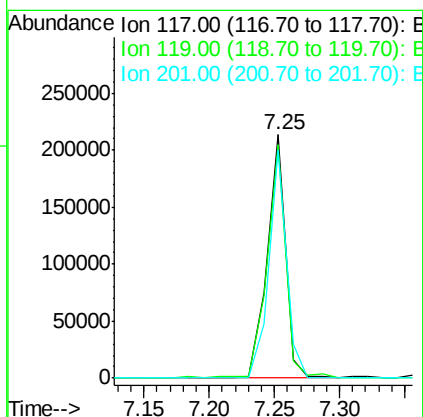
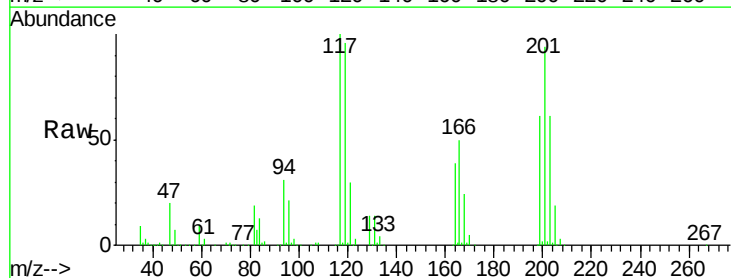
Instrument :
BNA_F
ClientSampleId :
WC-201612MS

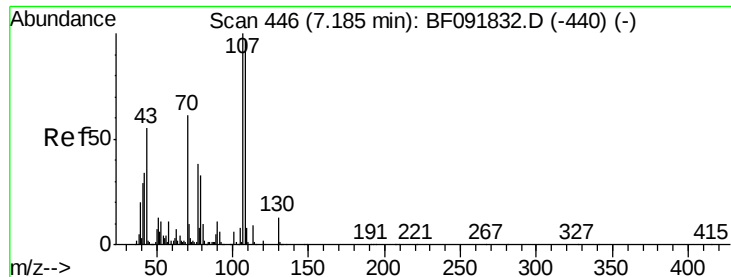
Tgt Ion	Ratio	Lower	Upper
107	100		
108	115.0	93.0	139.6
77	44.1	39.8	59.8
79	43.4	38.0	57.0



#18
Hexachloroethane
Concen: 41.69 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.1	117.1
201	93.6	78.6	117.8

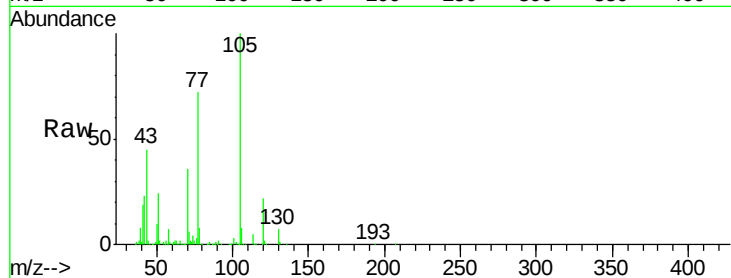




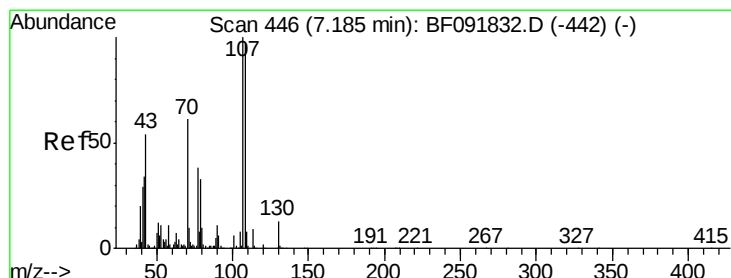
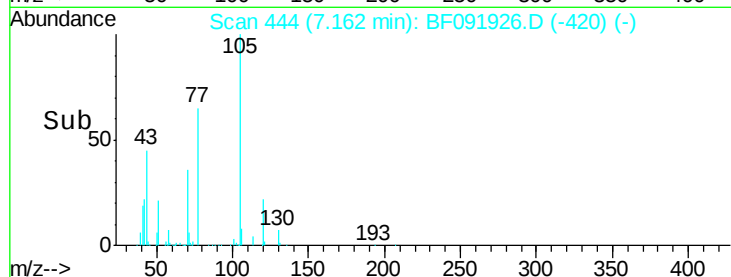
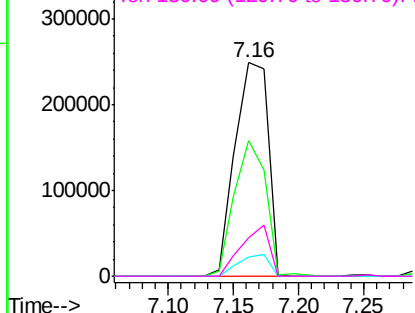
#19
n-Nitroso-di-n-propylamine
Concen: 48.57 ng
RT: 7.16 min Scan# 444
Delta R.T. -0.02 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Instrument :
BNA_F
ClientSampleId :
WC-201612MS

Tgt Ion:	70	Resp:	440907
Ion	Ratio	Lower	Upper
70	100		
42	63.5	49.4	74.0
101	8.8	7.4	11.2
130	18.2	14.2	21.4

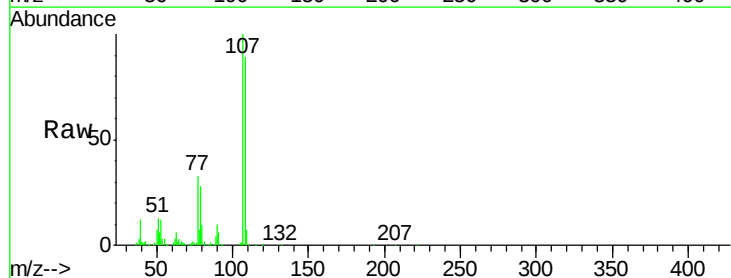


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

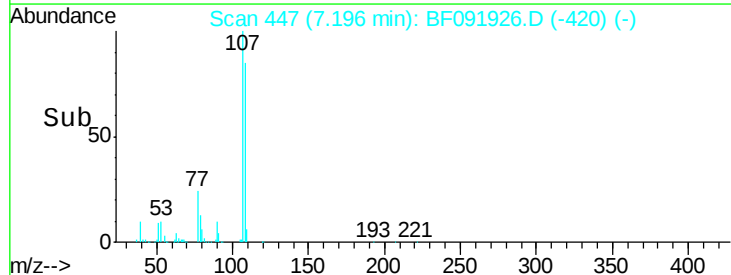
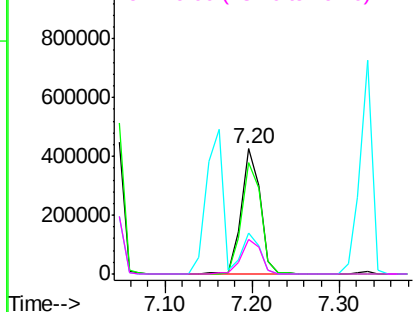


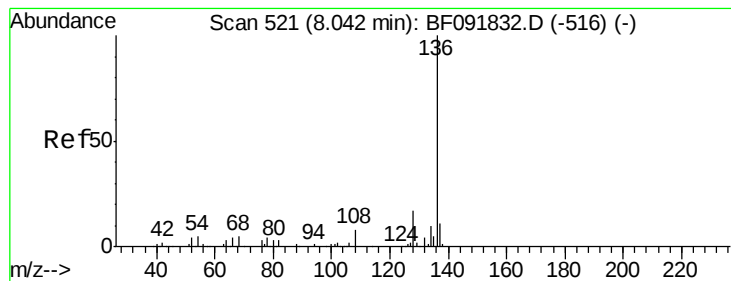
#20
3+4-Methylphenols
Concen: 52.28 ng
RT: 7.20 min Scan# 447
Delta R.T. 0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Tgt Ion:	107	Resp:	637613
Ion	Ratio	Lower	Upper
107	100		
108	89.0	73.0	113.0
77	33.3	71.3	111.3#
79	27.8	11.1	51.1



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 520

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

Tgt Ion:136 Resp: 769137

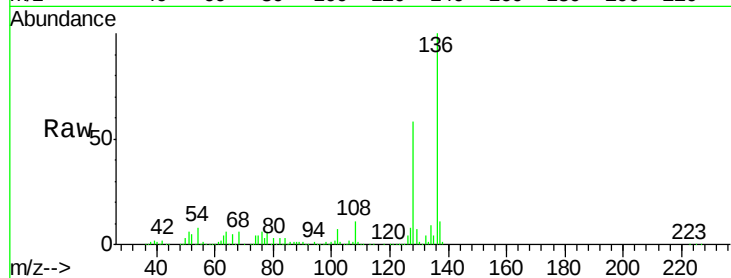
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 8.0 4.5 6.7#

68 5.8 3.6 5.4#

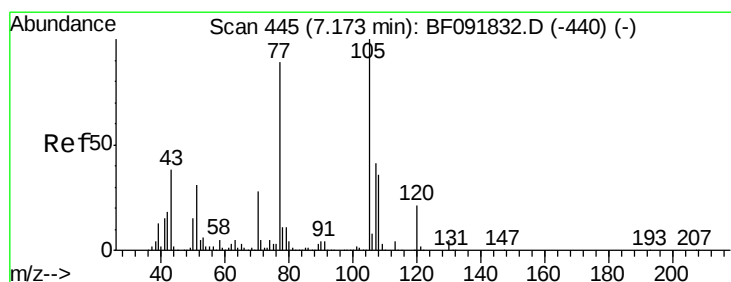
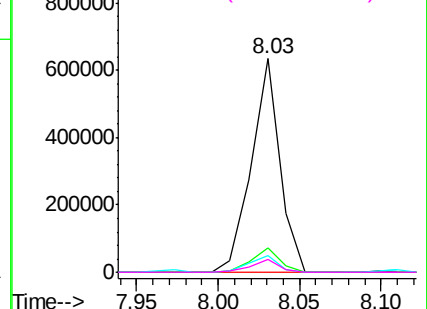
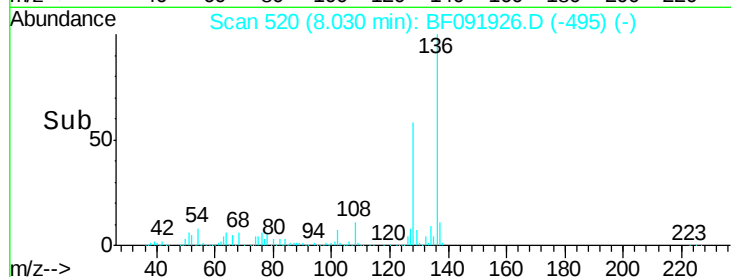


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.61 ng

RT: 7.16 min Scan# 444

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Tgt Ion:105 Resp: 865256

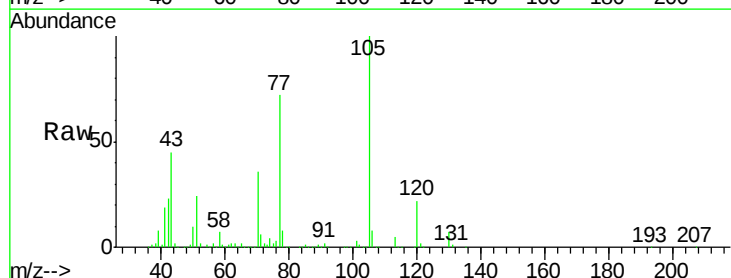
Ion Ratio Lower Upper

105 100

71 6.3 3.2 4.8#

51 23.6 26.2 39.4#

120 21.7 16.6 24.8

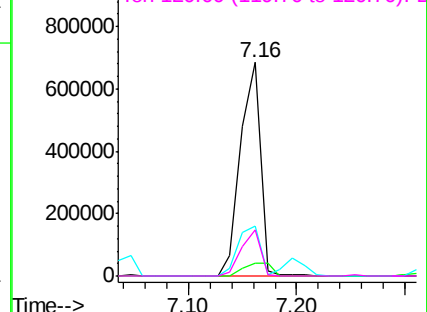
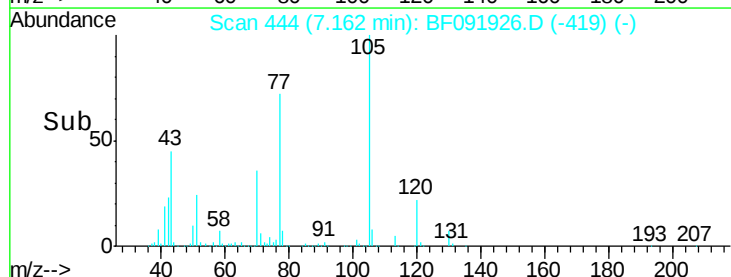


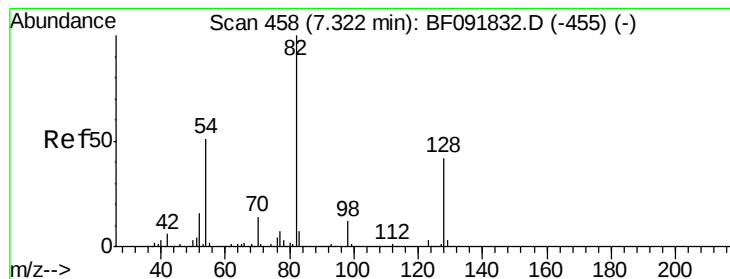
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 89.47 ng

RT: 7.31 min Scan# 457

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

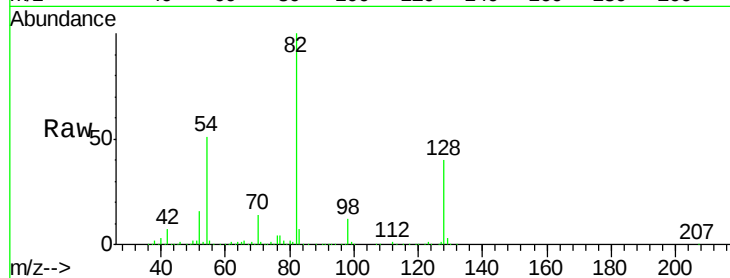
Tgt Ion: 82 Resp: 1237595

Ion Ratio Lower Upper

82 100

128 40.4 34.6 52.0

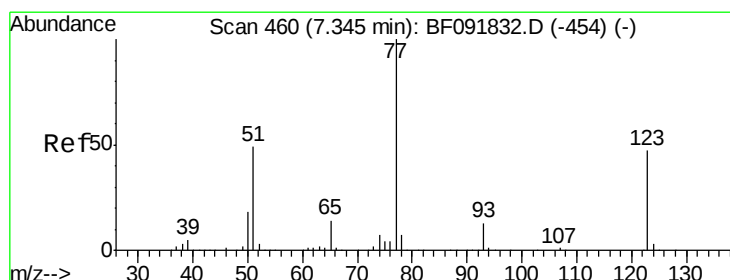
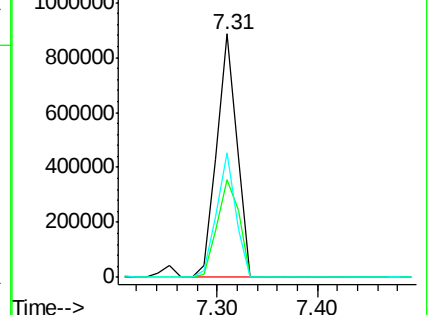
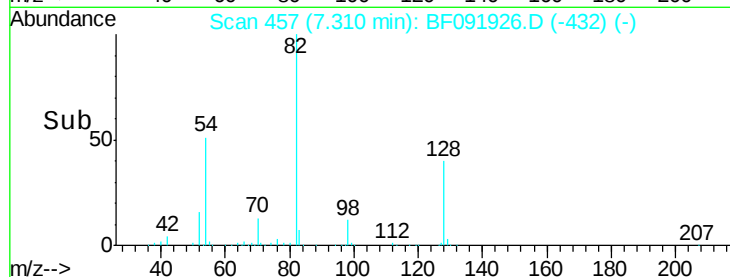
54 51.0 39.5 59.3



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: 48.09 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

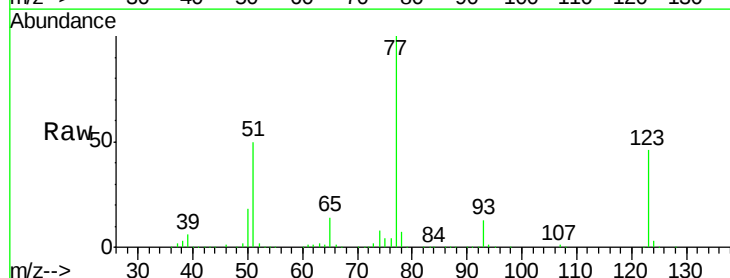
Tgt Ion: 77 Resp: 708496

Ion Ratio Lower Upper

77 100

123 46.0 33.0 49.4

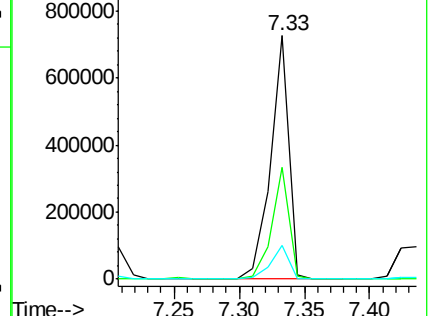
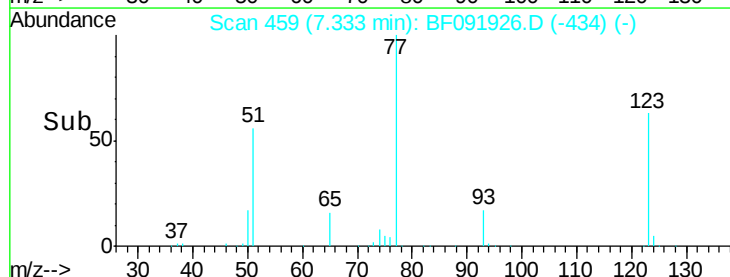
65 13.7 11.2 16.8

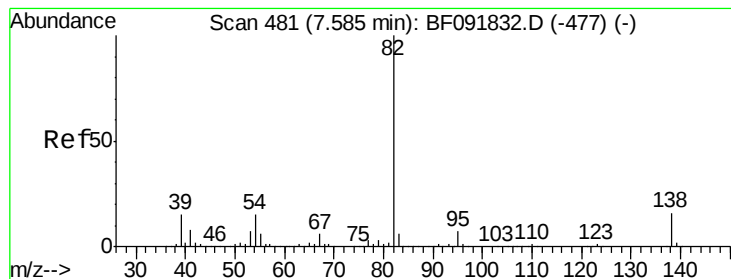


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 43.72 ng

RT: 7.57 min Scan# 480

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

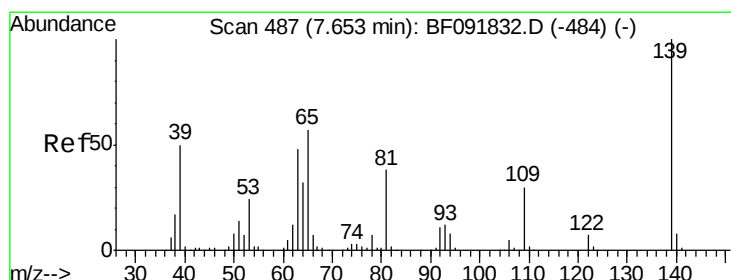
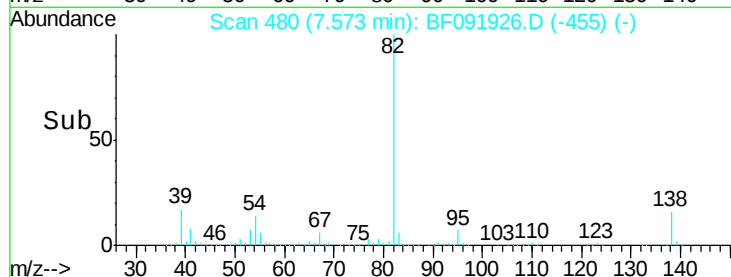
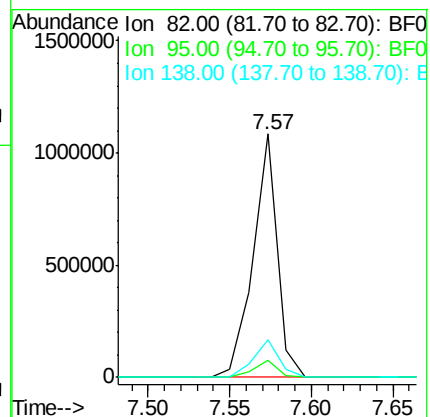
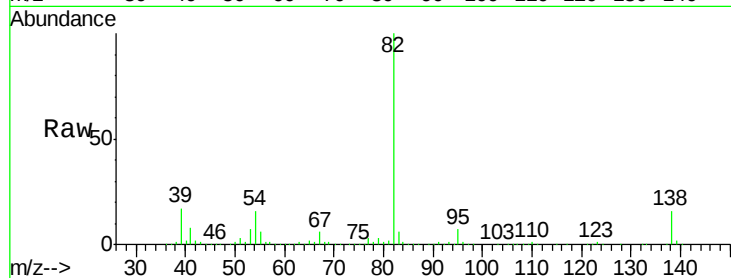
Tgt Ion: 82 Resp: 1115696

Ion Ratio Lower Upper

82 100

95 7.1 5.6 8.4

138 15.6 14.6 22.0



#26

2-Nitrophenol

Concen: 42.22 ng

RT: 7.65 min Scan# 487

Delta R.T. -0.00 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

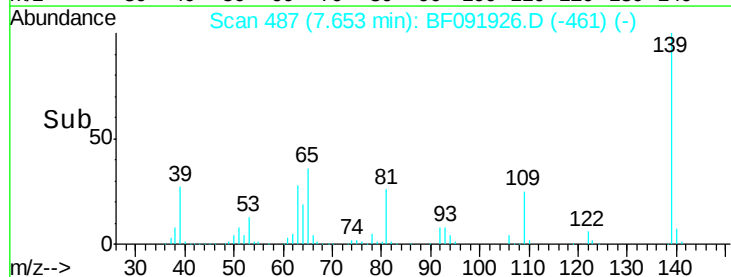
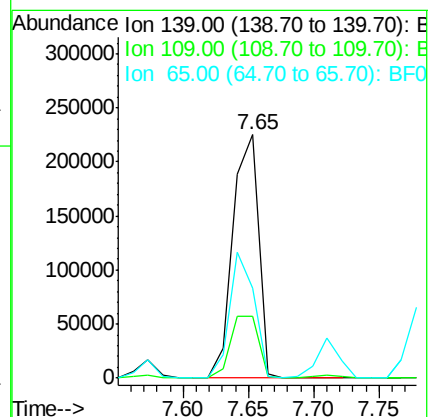
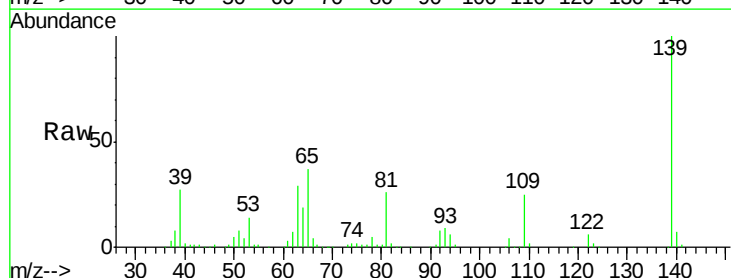
Tgt Ion: 139 Resp: 306708

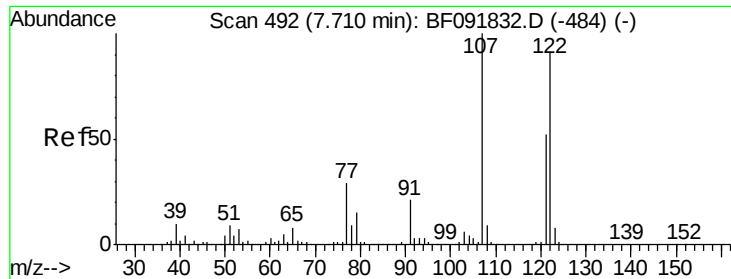
Ion Ratio Lower Upper

139 100

109 25.5 23.3 34.9

65 36.8 42.7 64.1#

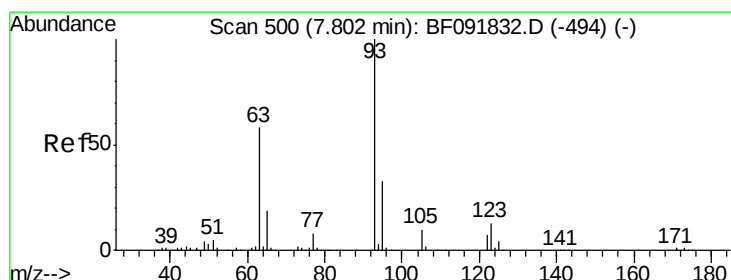
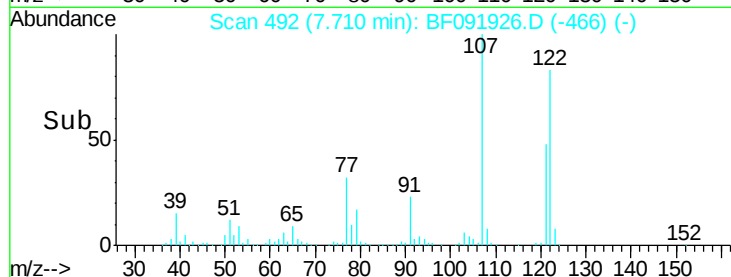
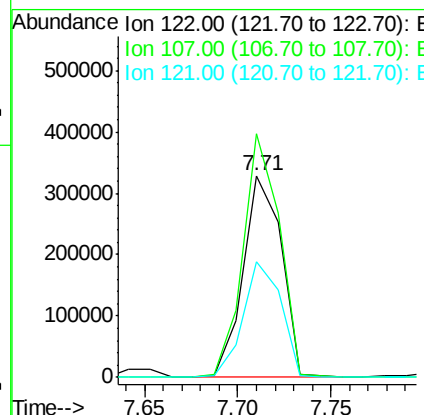
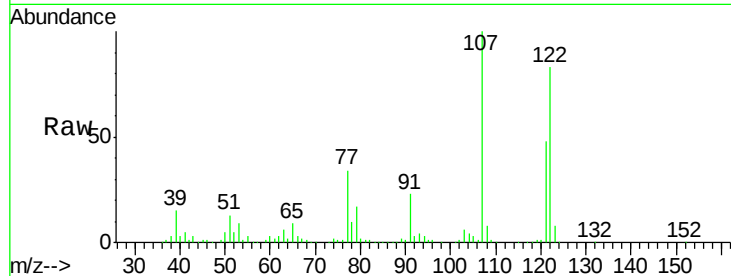




#27
 2,4-Dimethylphenol
 Concen: 39.07 ng
 RT: 7.71 min Scan# 492
 Delta R.T. -0.00 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

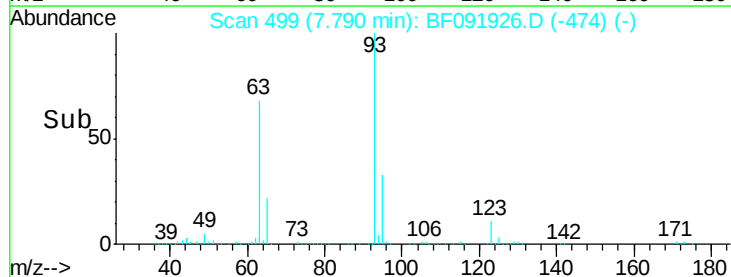
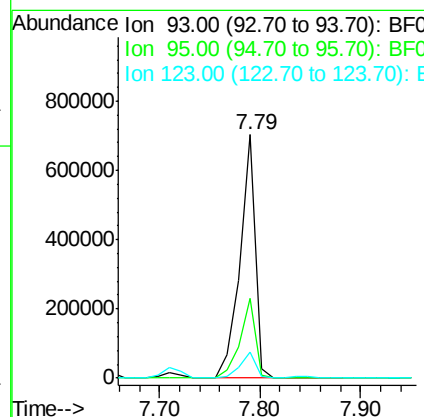
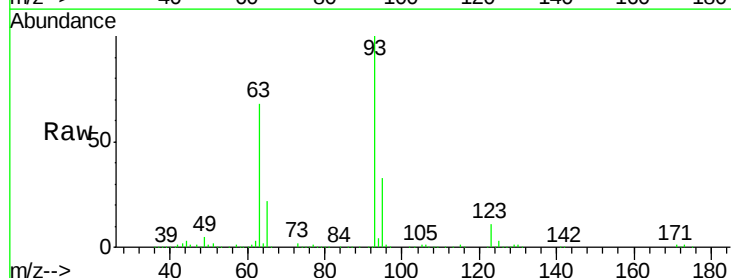
Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

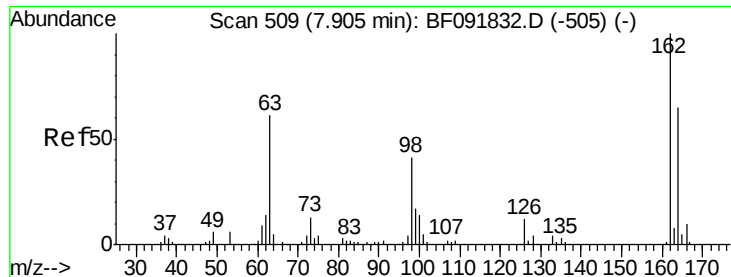
Tgt Ion:122 Resp: 470845
 Ion Ratio Lower Upper
 122 100
 107 120.8 94.1 141.1
 121 57.5 46.0 69.0



#28
 bis(2-Chloroethoxy)methane
 Concen: 48.24 ng
 RT: 7.79 min Scan# 499
 Delta R.T. -0.01 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Tgt Ion: 93 Resp: 746465
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.5 39.7
 123 10.7 8.6 13.0

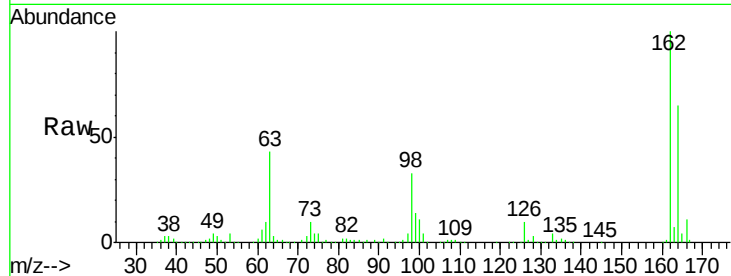




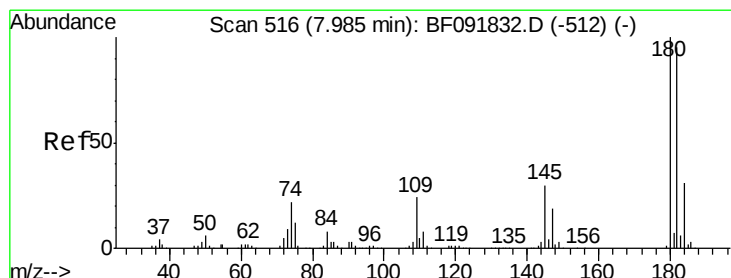
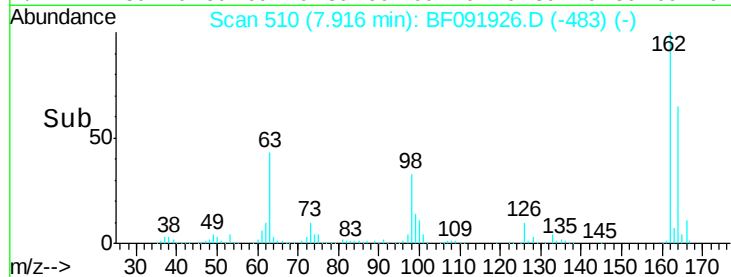
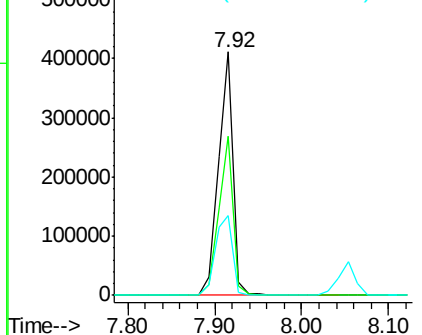
#29
 2,4-Dichlorophenol
 Concen: 47.69 ng
 RT: 7.92 min Scan# 510
 Delta R.T. 0.01 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.3	46.8	86.8
98	32.6	9.1	49.1

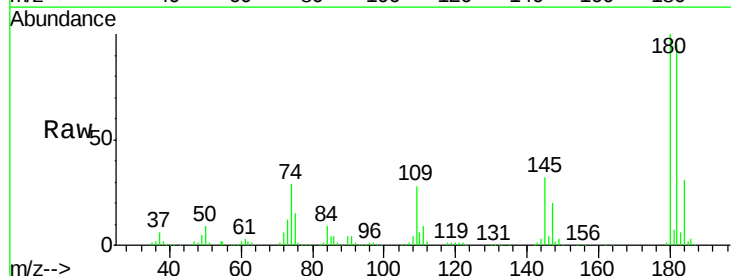


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

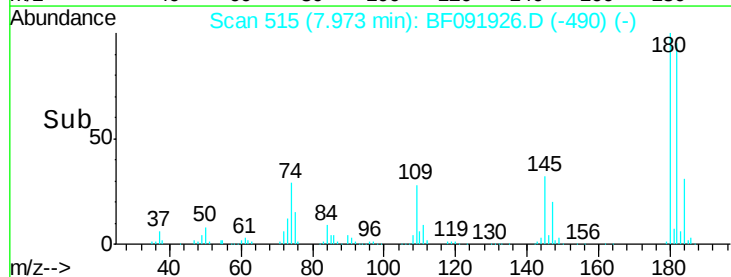
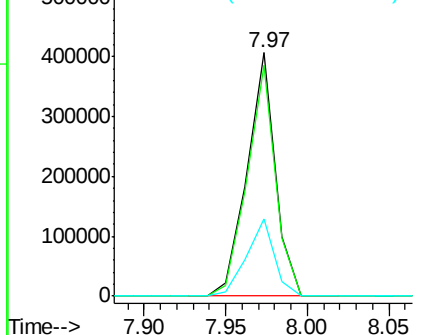


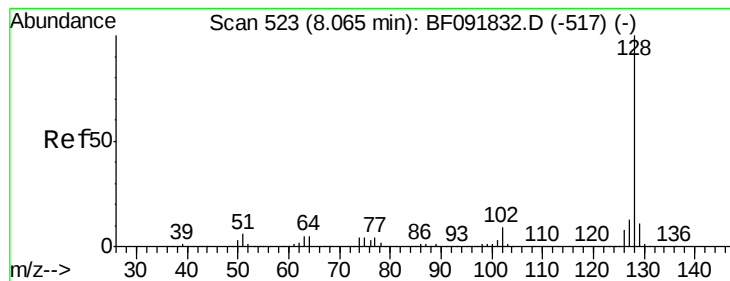
#30
 1,2,4-Trichlorobenzene
 Concen: 43.56 ng
 RT: 7.97 min Scan# 515
 Delta R.T. -0.01 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.7	78.2	117.4
145	31.6	21.6	32.4



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





#31

Naphthalene

Concen: 140.81 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

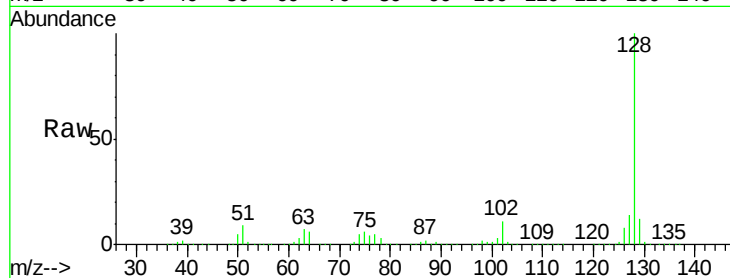
Tgt Ion:128 Resp: 4956681

Ion Ratio Lower Upper

128 100

129 12.4 9.5 14.3

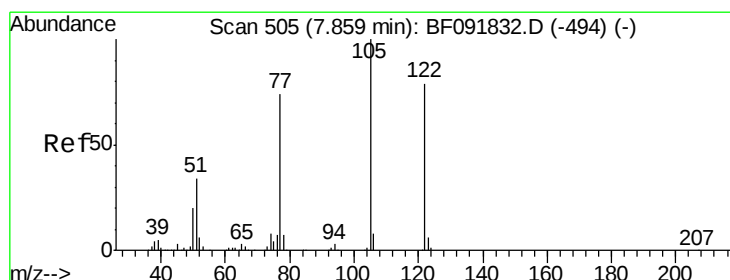
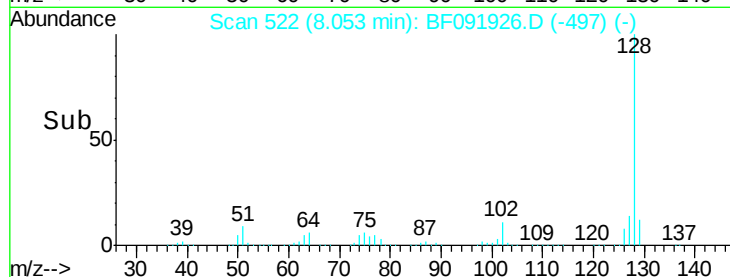
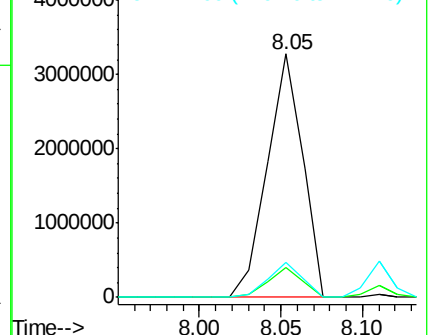
127 14.4 10.8 16.2



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: 13.12 ng

RT: 7.84 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

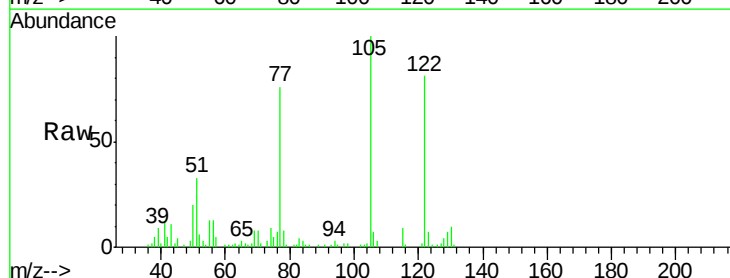
Tgt Ion:122 Resp: 117291

Ion Ratio Lower Upper

122 100

105 123.5 107.2 147.2

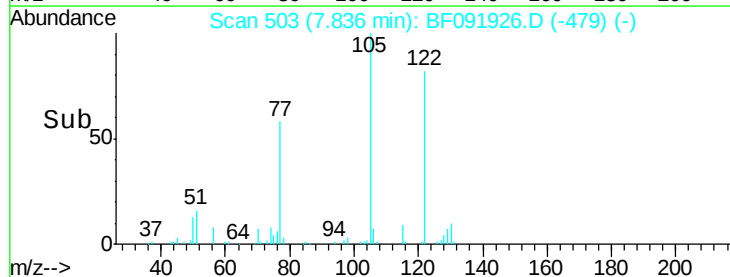
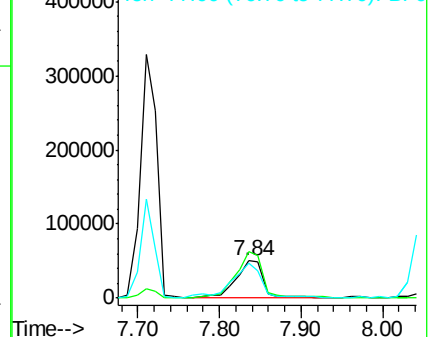
77 93.7 74.5 114.5

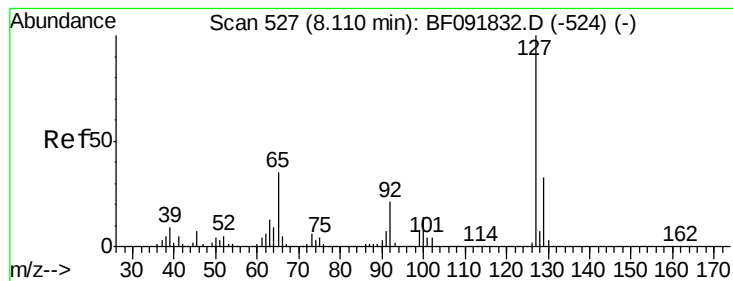


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 33.35 ng

RT: 8.11 min Scan# 527

Delta R.T. -0.00 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

Tgt Ion:127 Resp: 529335

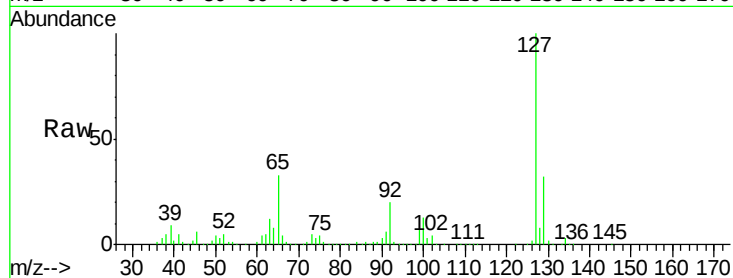
Ion Ratio Lower Upper

127 100

129 32.3 26.3 39.5

65 32.8 25.8 38.8

92 20.0 16.1 24.1

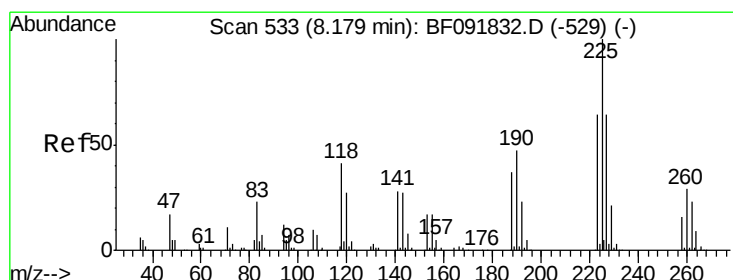
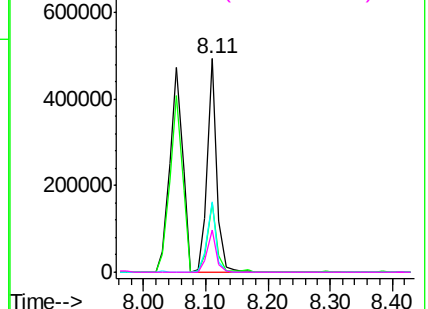
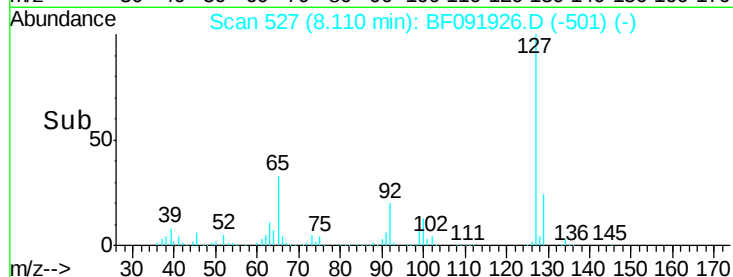


Abundance Ion 127.00 (126.70 to 127.70): E

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: 43.24 ng

RT: 8.17 min Scan# 532

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

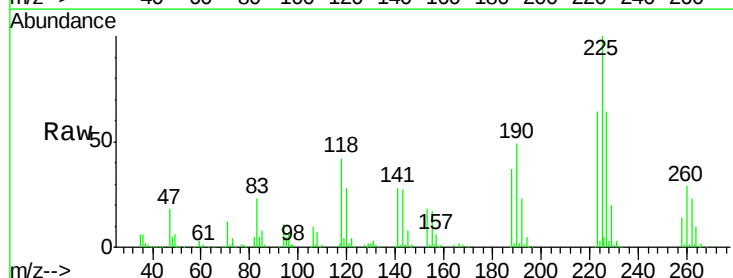
Tgt Ion:225 Resp: 255196

Ion Ratio Lower Upper

225 100

223 64.1 51.0 76.6

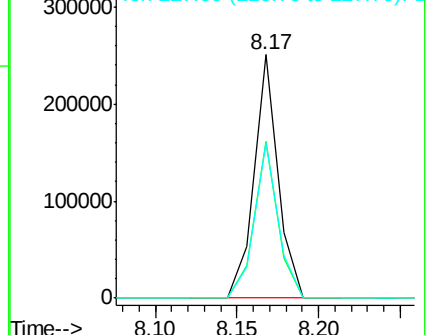
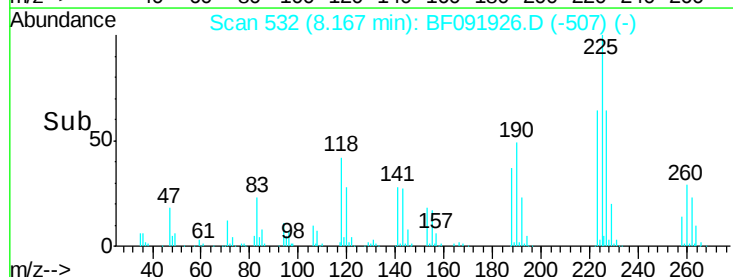
227 63.7 50.6 76.0

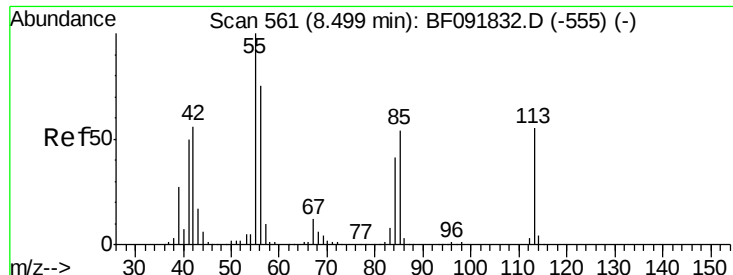


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 23.88 ng

RT: 8.49 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

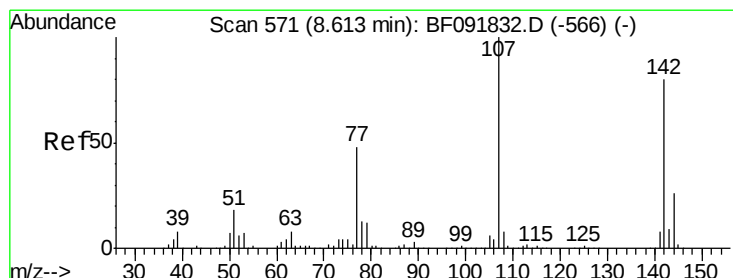
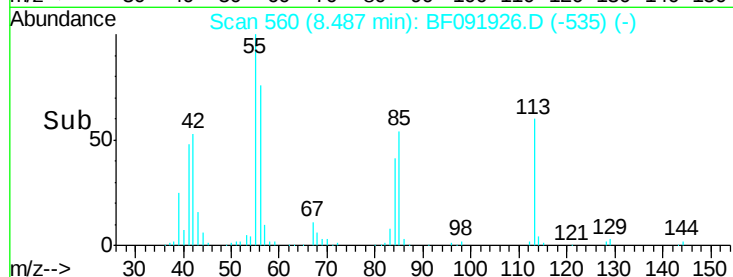
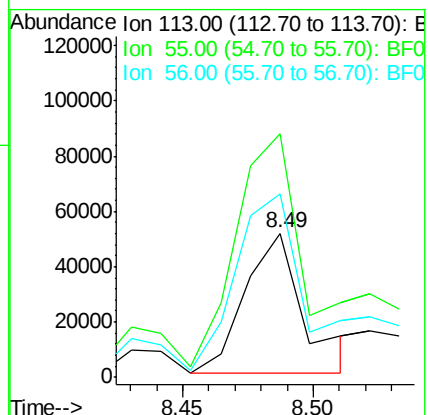
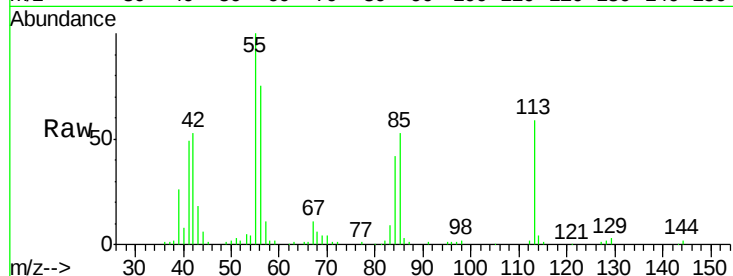
Tgt Ion:113 Resp: 80084

Ion Ratio Lower Upper

113 100

55 169.0 119.2 159.2#

56 127.6 83.8 123.8#



#36

4-Chloro-3-methylphenol

Concen: 49.33 ng

RT: 8.62 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

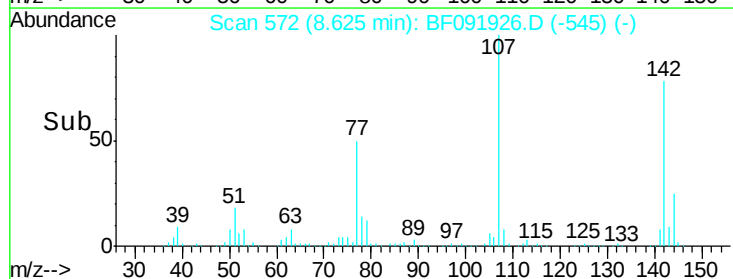
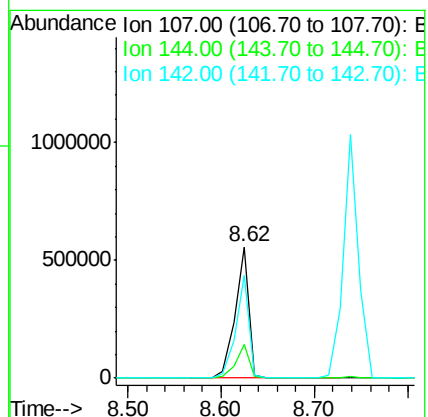
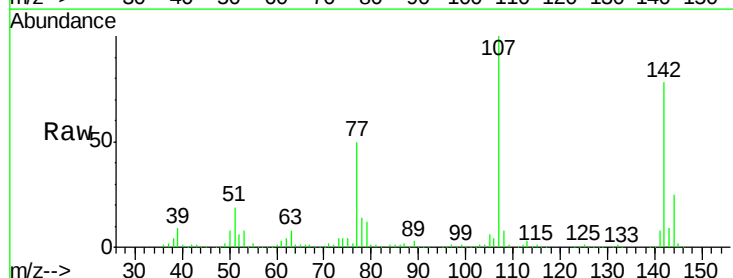
Tgt Ion:107 Resp: 579138

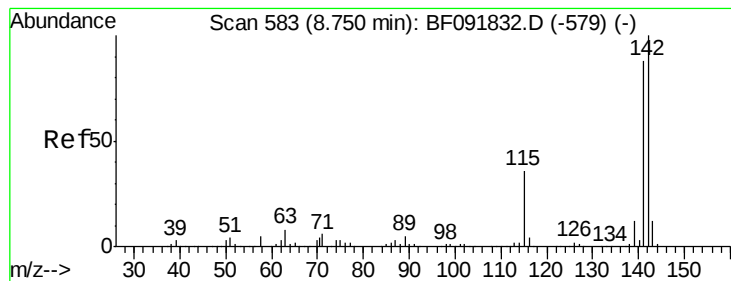
Ion Ratio Lower Upper

107 100

144 25.2 19.3 28.9

142 78.3 59.0 88.6





#37

2-Methylnaphthalene

Concen: 66.74 ng

RT: 8.74 min Scan# 582

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

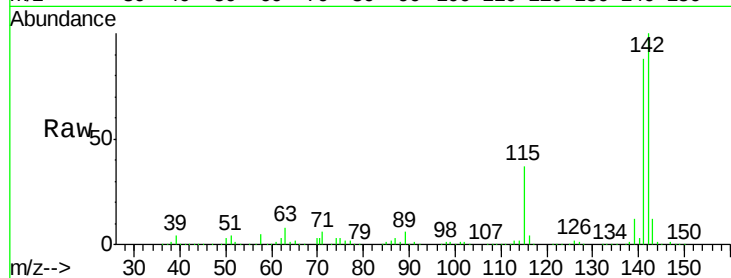
Tgt Ion:142 Resp: 1177721

Ion Ratio Lower Upper

142 100

141 87.8 71.0 106.6

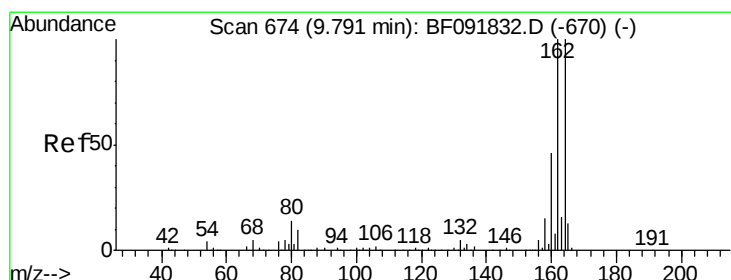
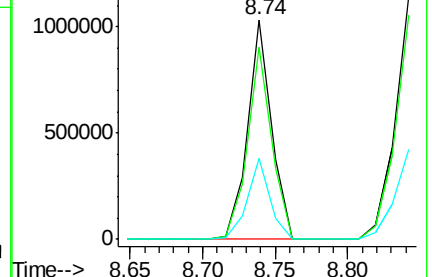
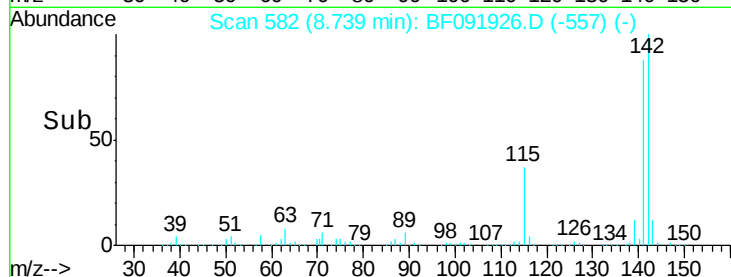
115 37.0 28.3 42.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.78 min Scan# 673

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

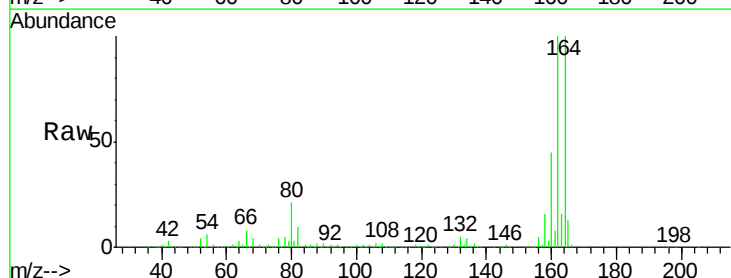
Tgt Ion:164 Resp: 413103

Ion Ratio Lower Upper

164 100

162 100.3 80.2 120.2

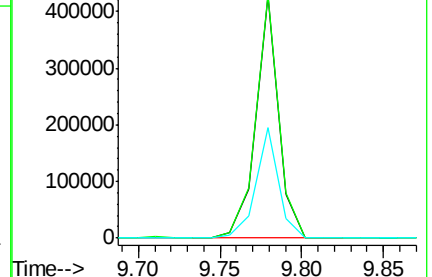
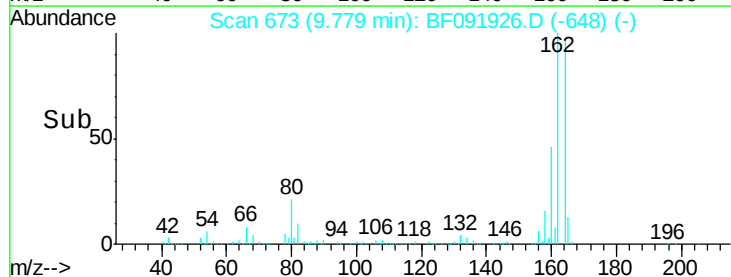
160 45.5 36.9 55.3

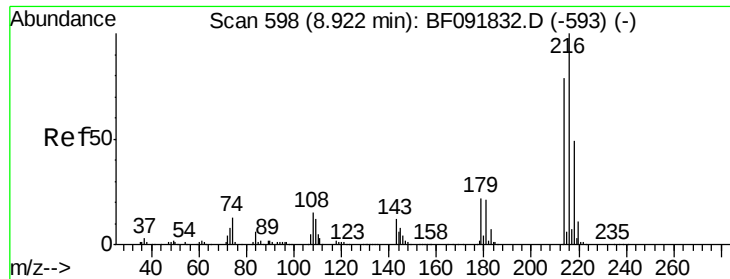


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

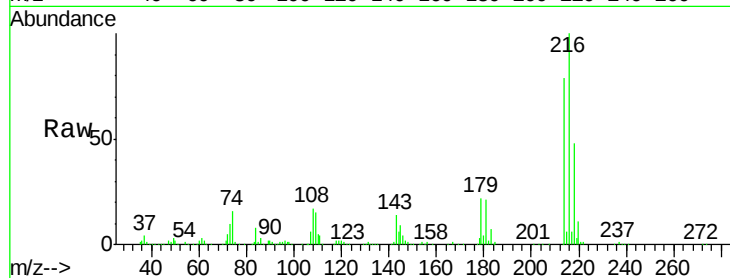




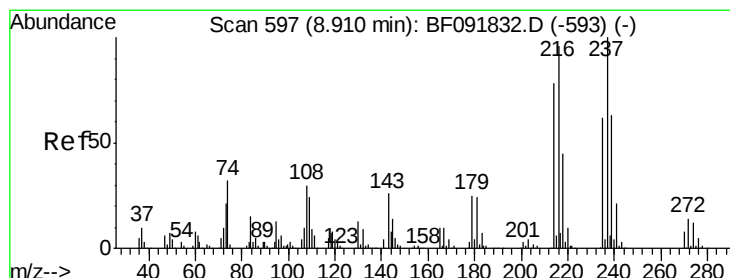
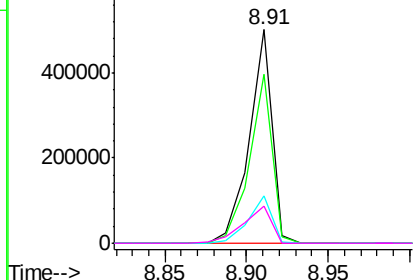
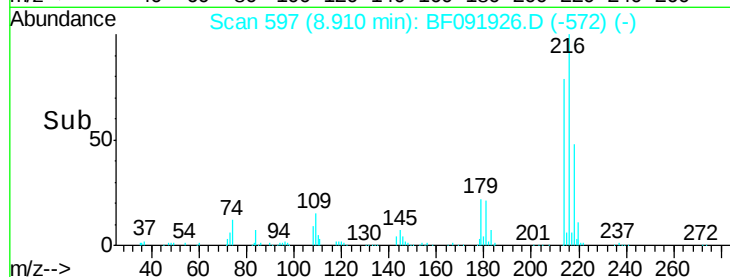
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 46.56 ng
 RT: 8.91 min Scan# 597
 Delta R.T. -0.01 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

Tgt Ion:	216	Resp:	485979
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.4	95.0
179	22.7	17.4	26.2
108	21.8	15.6	23.4

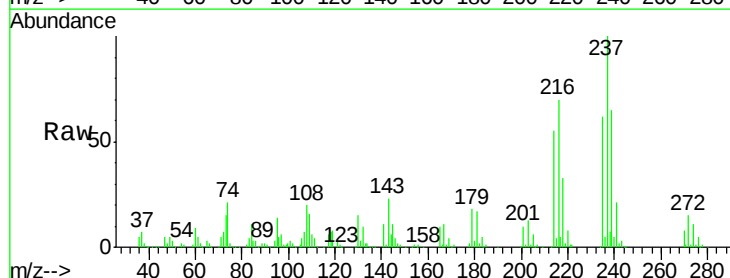


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

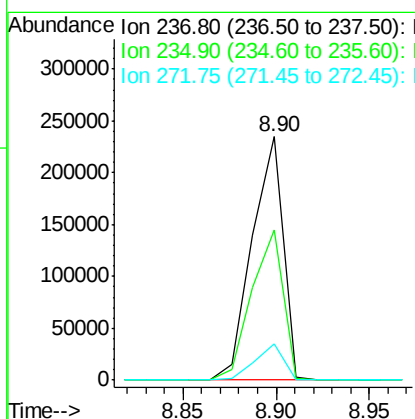
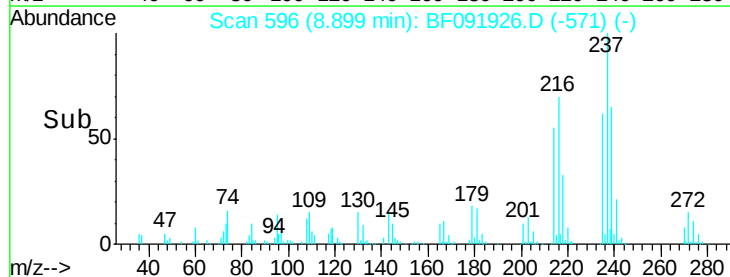


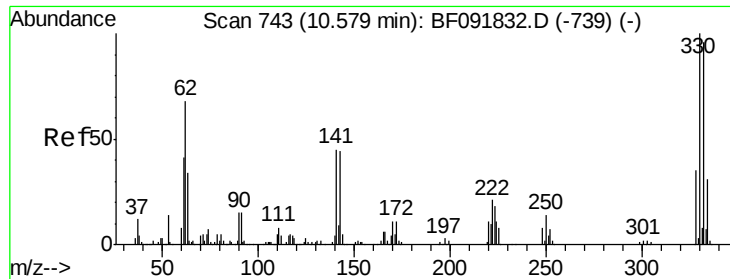
#40
 Hexachlorocyclopentadiene
 Concen: 58.98 ng
 RT: 8.90 min Scan# 596
 Delta R.T. -0.01 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Tgt Ion:	237	Resp:	269048
Ion	Ratio	Lower	Upper
237	100		
235	61.8	41.2	81.2
272	14.7	0.0	35.4



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

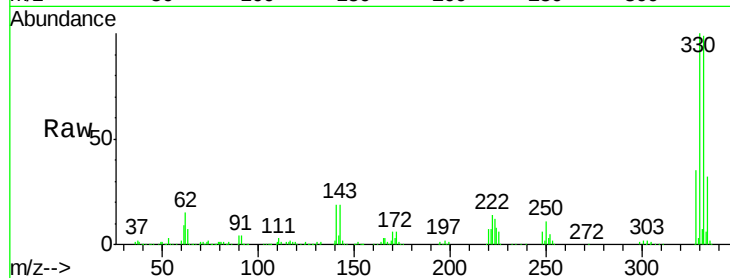




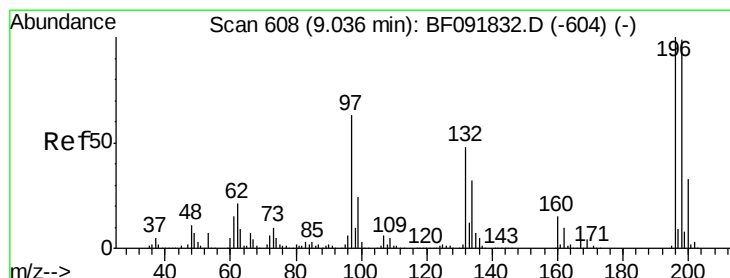
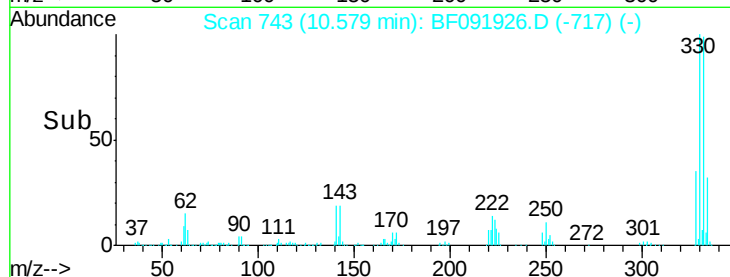
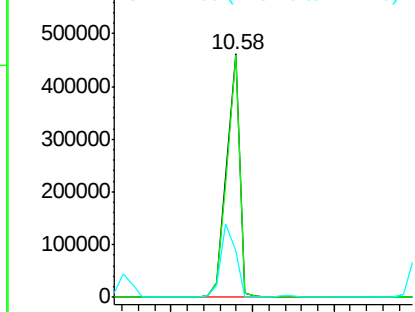
#41
 2,4,6-Tribromophenol
 Concen: 148.65 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.00 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

Tgt Ion:330 Resp: 508198
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.4 116.2
 141 34.4 34.1 51.1

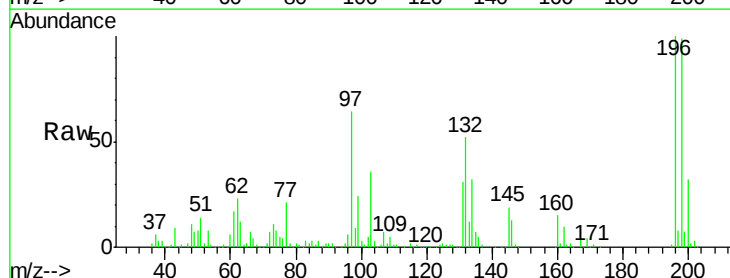


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

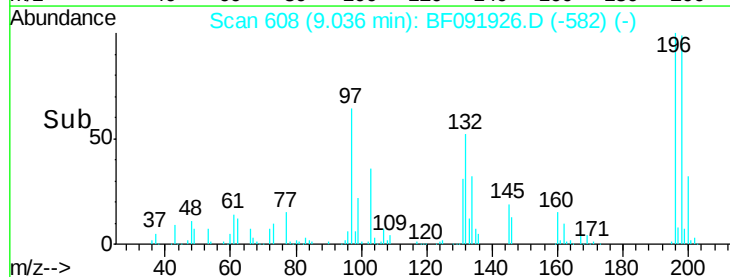
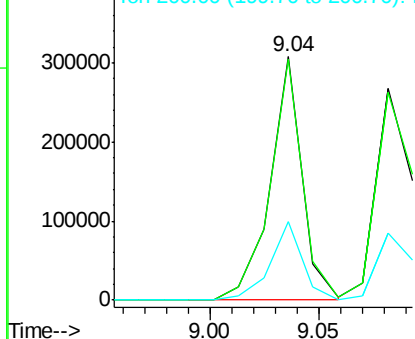


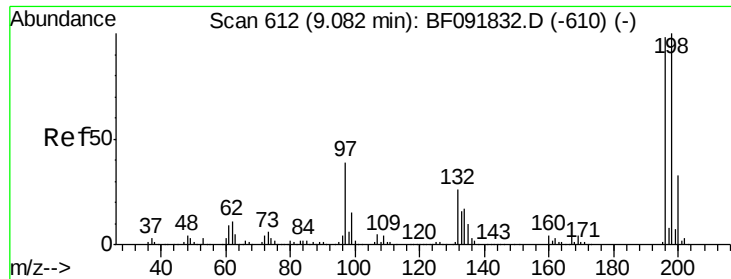
#42
 2,4,6-Trichlorophenol
 Concen: 43.59 ng
 RT: 9.04 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Tgt Ion:196 Resp: 318196
 Ion Ratio Lower Upper
 196 100
 198 99.2 82.1 123.1
 200 32.4 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

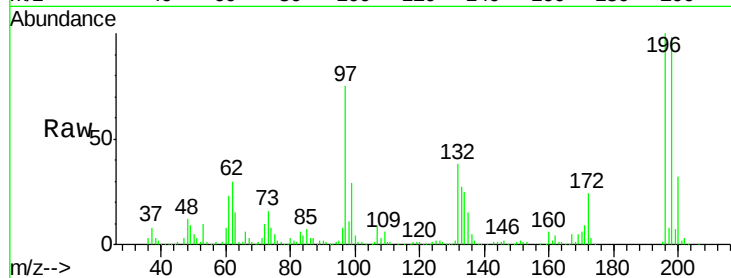




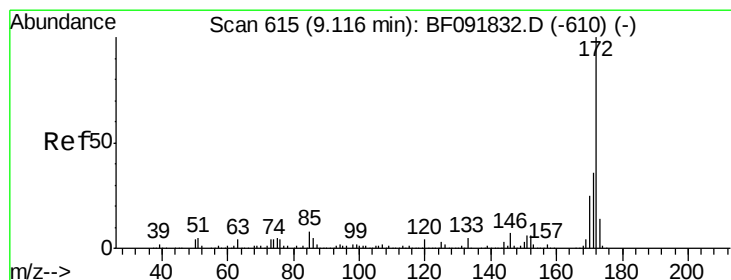
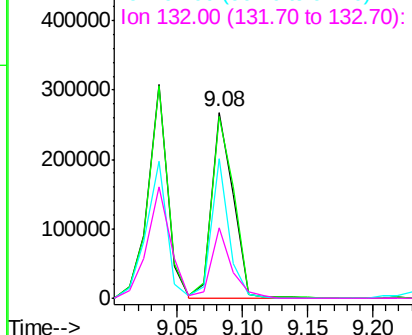
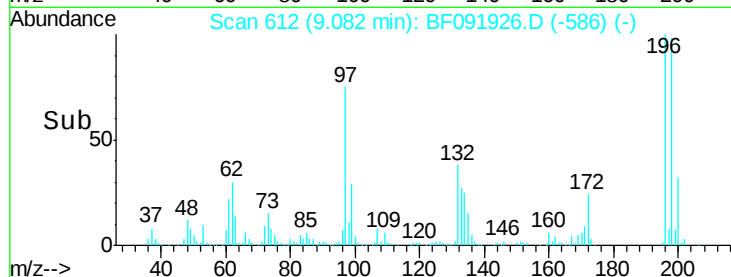
#43
 2,4,5-Trichlorophenol
 Concen: 40.83 ng
 RT: 9.08 min Scan# 612
 Delta R.T. -0.00 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

Tgt Ion:196 Resp: 306683
 Ion Ratio Lower Upper
 196 100
 198 98.0 79.4 119.2
 97 75.2 51.5 77.3
 132 38.0 27.4 41.2

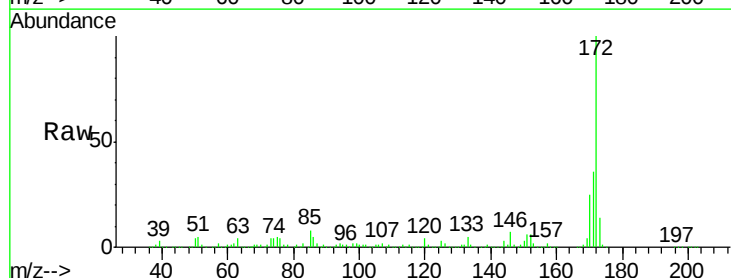


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

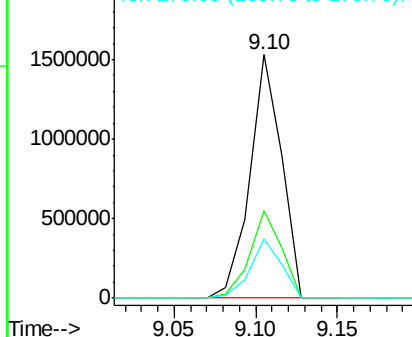
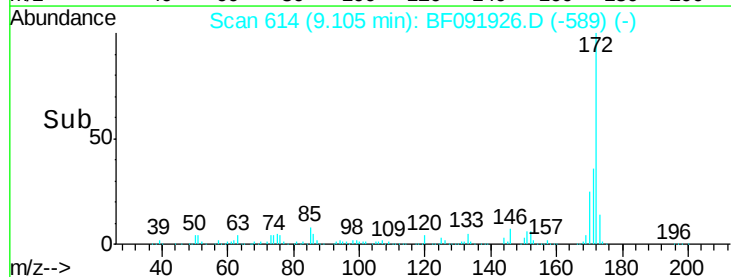


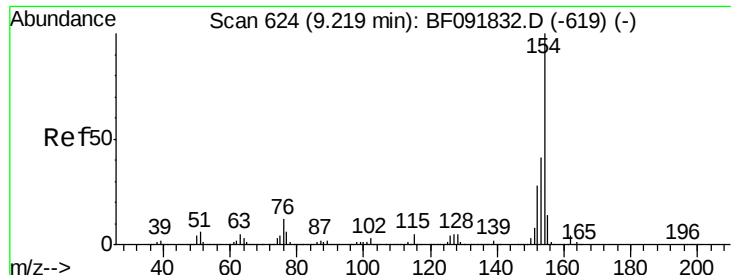
#44
 2-Fluorobiphenyl
 Concen: 104.54 ng
 RT: 9.10 min Scan# 614
 Delta R.T. -0.01 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Tgt Ion:172 Resp: 2047919
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.5 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

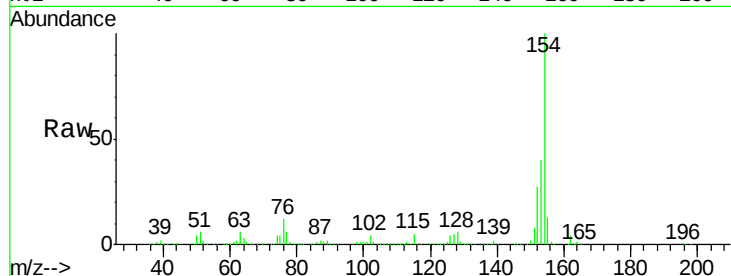




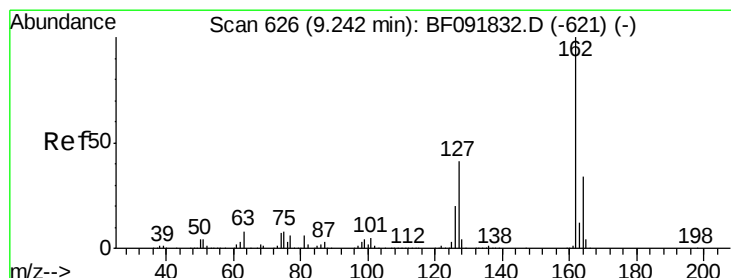
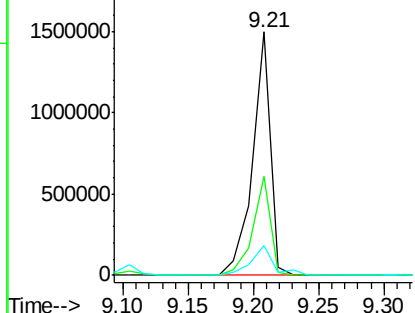
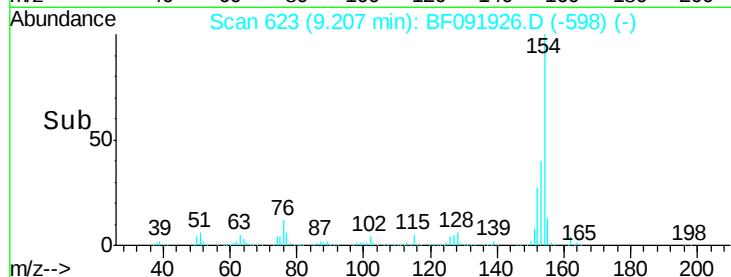
#45
1,1'-Biphenyl
Concen: 50.08 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Instrument :
BNA_F
ClientSampleId :
WC-201612MS

Tgt Ion:154 Resp: 1416447
Ion Ratio Lower Upper
154 100
153 40.5 20.9 60.9
76 12.4 0.0 30.5

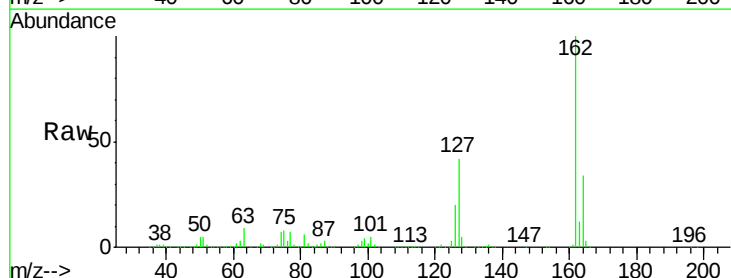


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF0

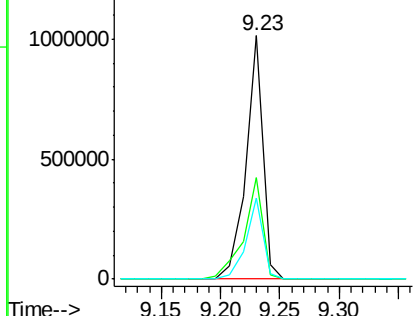
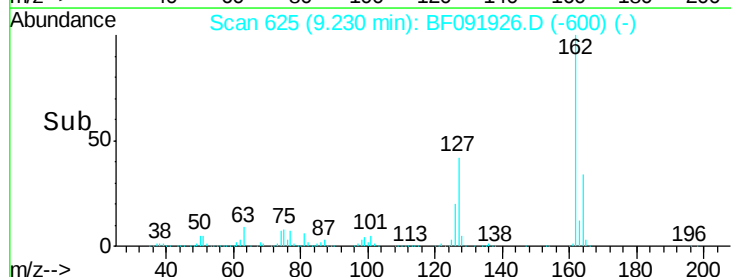


#46
2-Chloronaphthalene
Concen: 45.26 ng
RT: 9.23 min Scan# 625
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Tgt Ion:162 Resp: 1013816
Ion Ratio Lower Upper
162 100
127 41.9 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

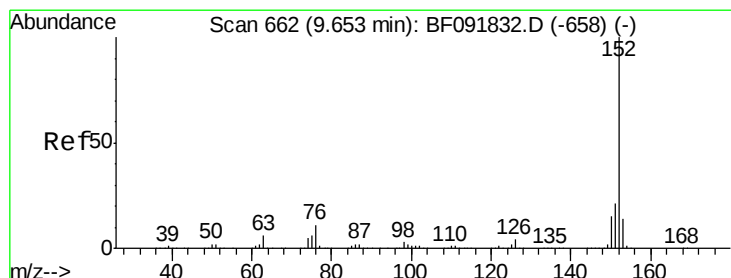
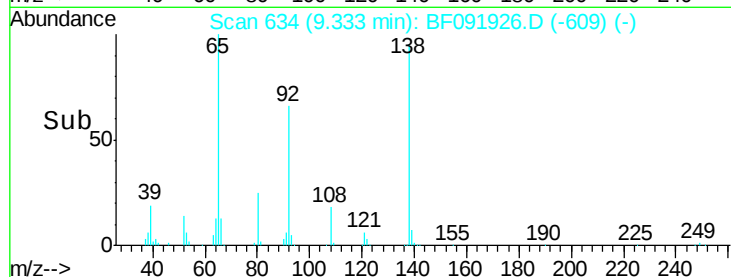
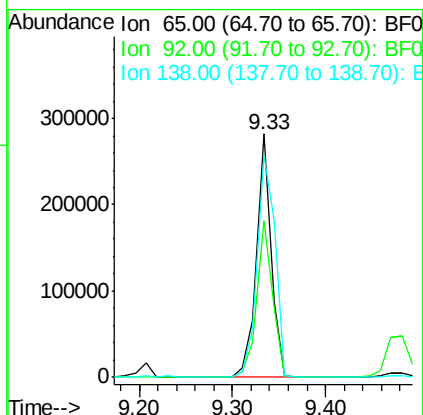
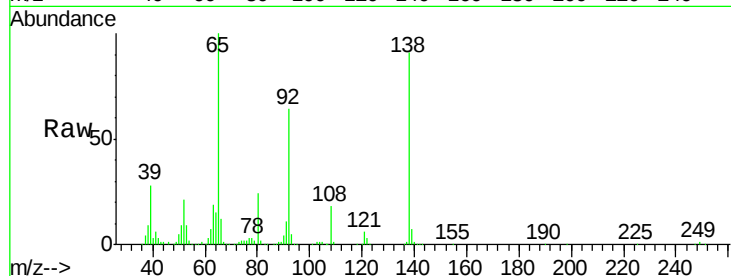




#47
2-Nitroaniline
Concen: 38.86 ng
RT: 9.33 min Scan# 634
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

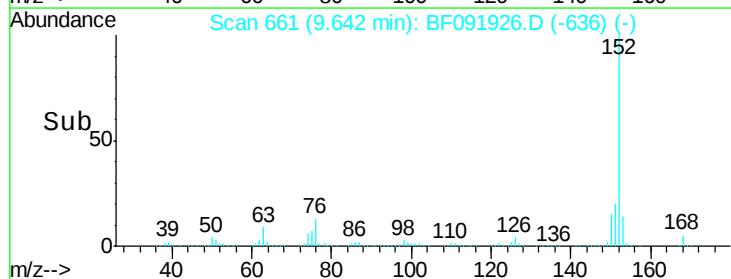
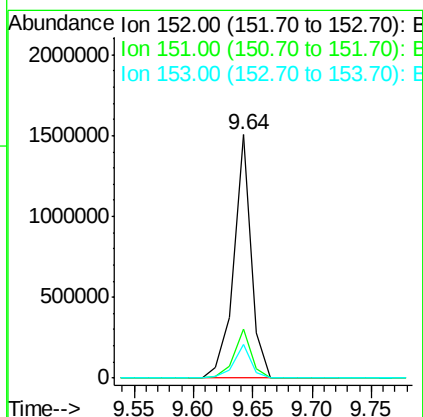
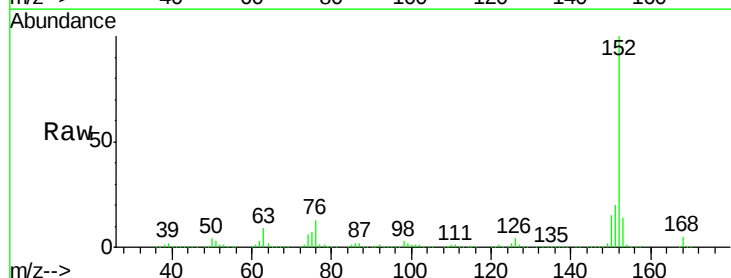
Instrument :
BNA_F
ClientSampleId :
WC-201612MS

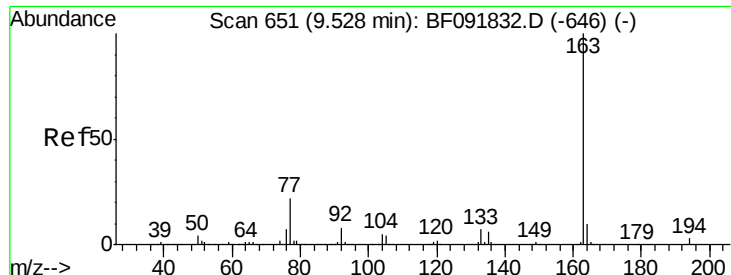
Tgt Ion: 65 Resp: 309920
Ion Ratio Lower Upper
65 100
92 64.4 53.9 80.9
138 91.2 76.8 115.2



#48
Acenaphthylene
Concen: 44.44 ng
RT: 9.64 min Scan# 661
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Tgt Ion: 152 Resp: 1530795
Ion Ratio Lower Upper
152 100
151 20.2 16.9 25.3
153 14.0 11.4 17.2

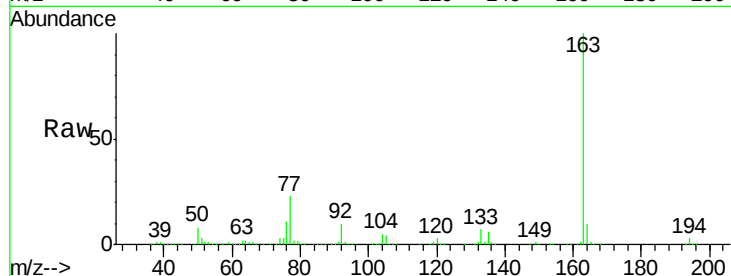




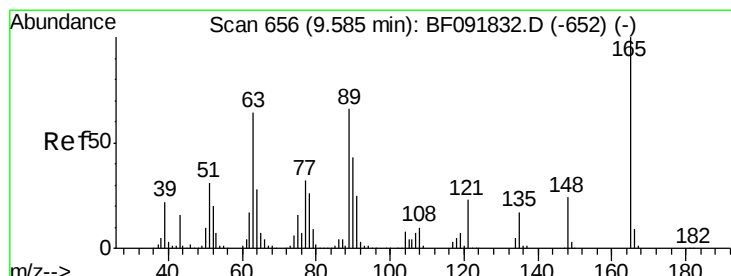
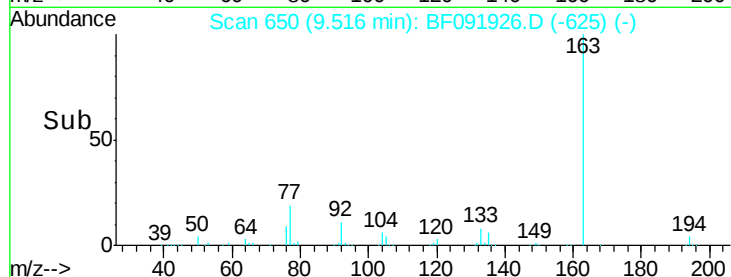
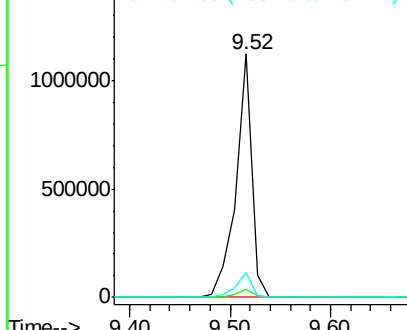
#49
Dimethylphthalate
Concen: 46.44 ng
RT: 9.52 min Scan# 650
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Instrument :
BNA_F
ClientSampleId :
WC-201612MS

Tgt Ion:163 Resp: 1227032
Ion Ratio Lower Upper
163 100
194 3.2 3.0 4.4
164 10.4 8.0 12.0

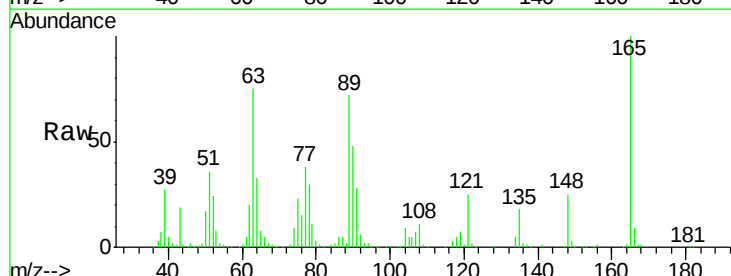


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

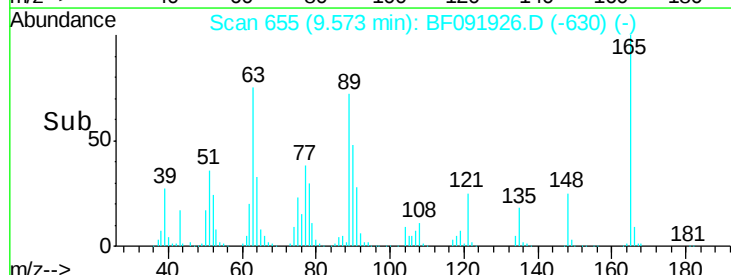
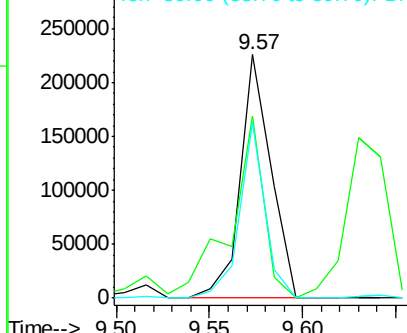


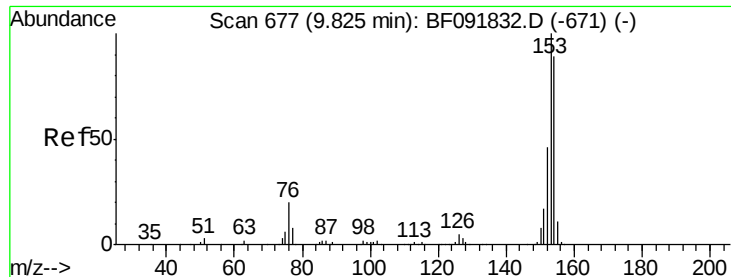
#50
2,6-Dinitrotoluene
Concen: 44.37 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Tgt Ion:165 Resp: 256602
Ion Ratio Lower Upper
165 100
63 74.9 36.2 54.4#
89 72.2 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: 41.45 ng

RT: 9.81 min Scan# 676

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

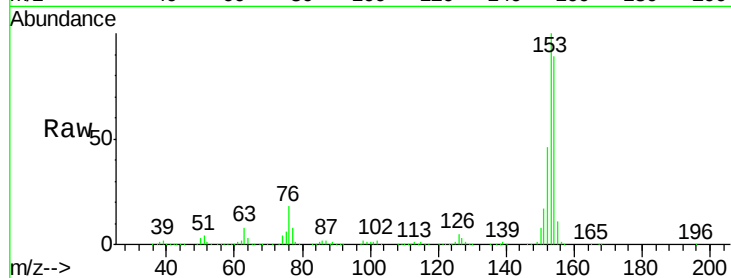
Tgt Ion:154 Resp: 968092

Ion Ratio Lower Upper

154 100

153 112.2 88.6 133.0

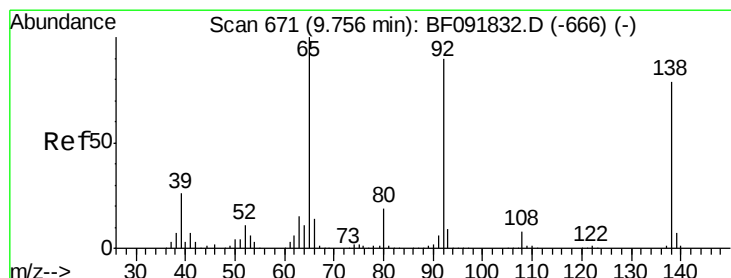
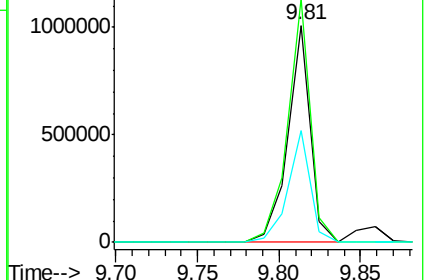
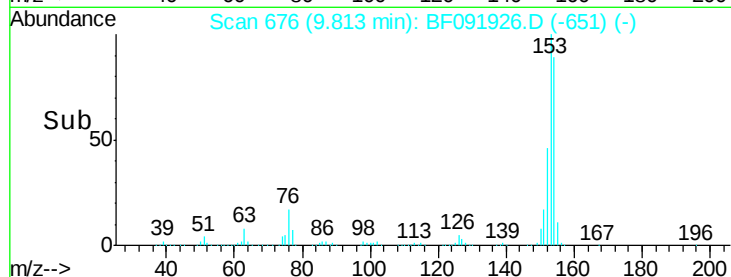
152 51.5 41.6 62.4



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: 36.05 ng

RT: 9.74 min Scan# 670

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

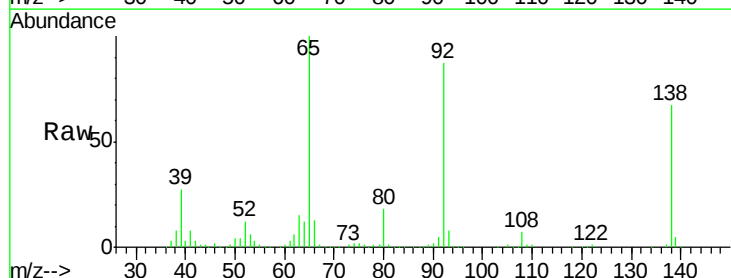
Tgt Ion:138 Resp: 258002

Ion Ratio Lower Upper

138 100

108 10.4 8.5 12.7

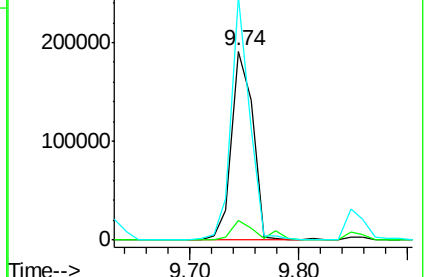
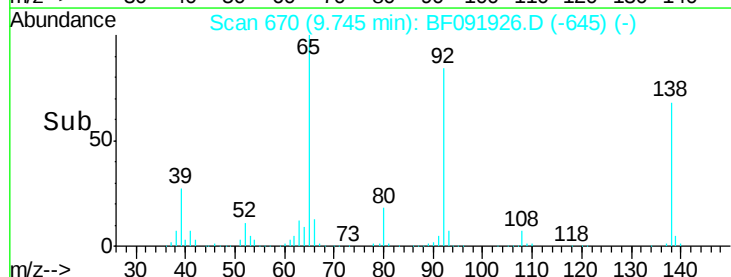
92 128.9 97.8 146.8

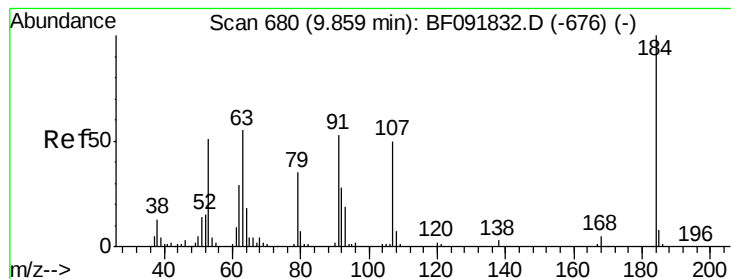


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 49.17 ng

RT: 9.86 min Scan# 680

Delta R.T. -0.00 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

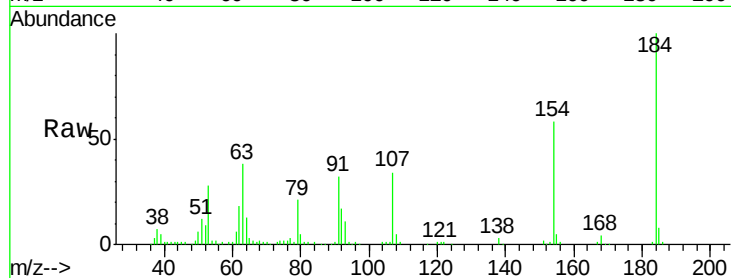
Tgt Ion:184 Resp: 158230

Ion Ratio Lower Upper

184 100

63 38.3 28.4 42.6

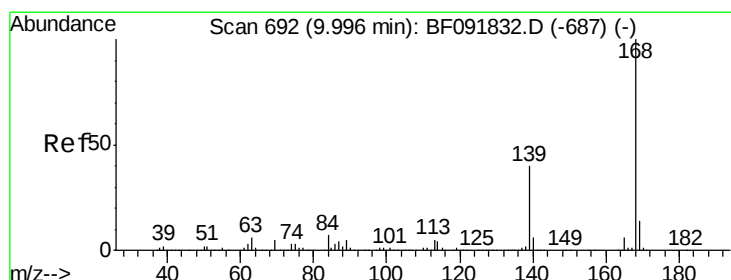
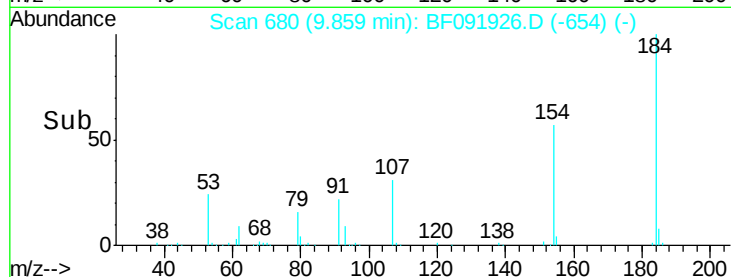
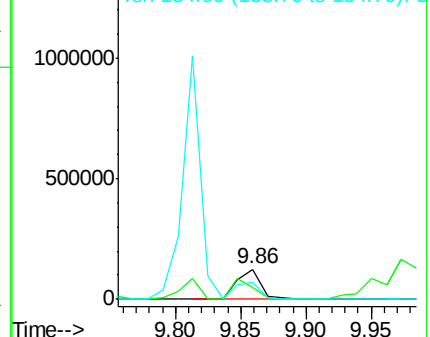
154 57.8 44.3 66.5



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 41.55 ng

RT: 9.98 min Scan# 691

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

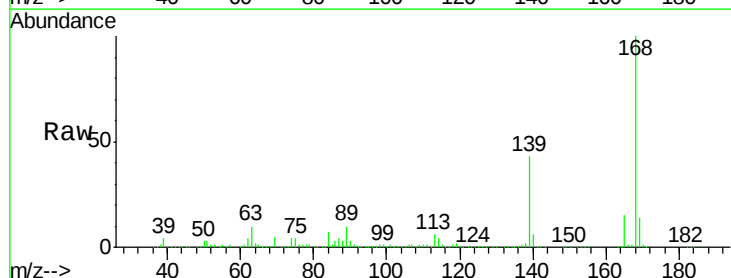
Tgt Ion:168 Resp: 1310618

Ion Ratio Lower Upper

168 100

139 43.4 32.6 49.0

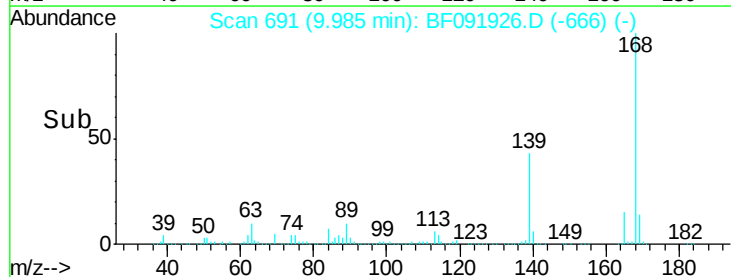
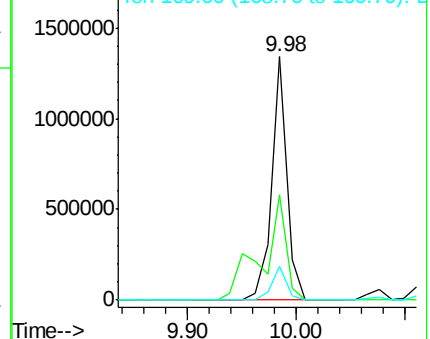
169 13.9 11.3 16.9

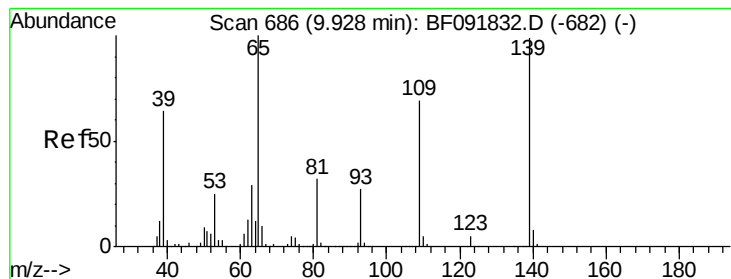


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 187.36 ng

RT: 9.98 min Scan# 691

Delta R.T. 0.06 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

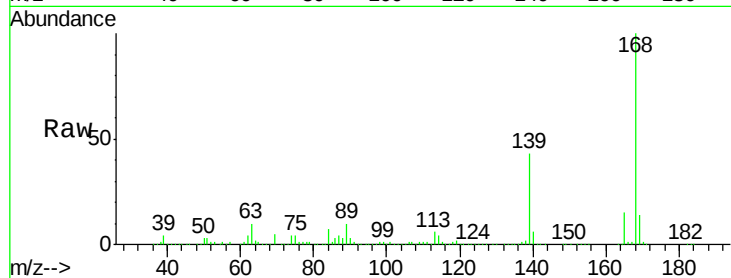
Tgt Ion:139 Resp: 910444

Ion Ratio Lower Upper

139 100

109 1.6 52.2 92.2#

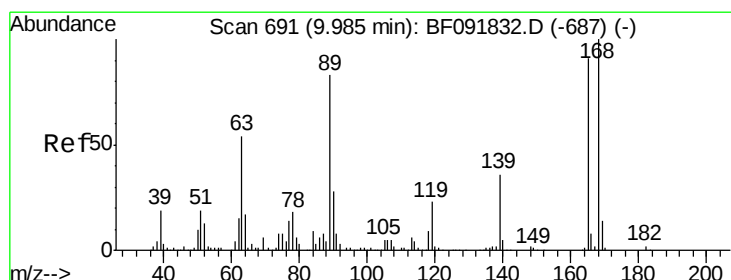
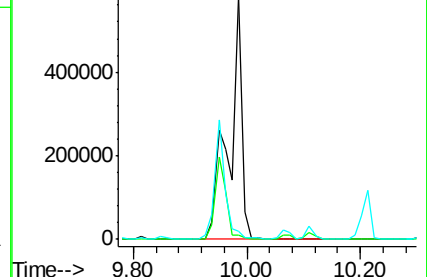
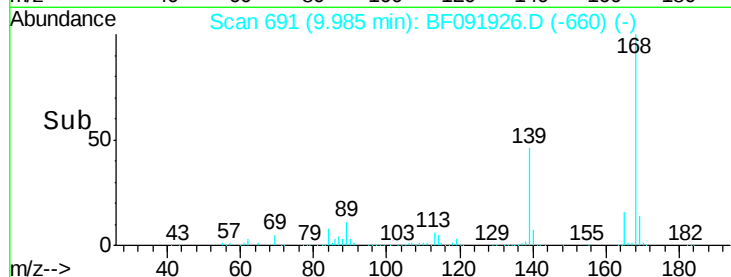
65 3.4 85.8 125.8#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 46.80 ng

RT: 9.97 min Scan# 690

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Tgt Ion:165 Resp: 339692

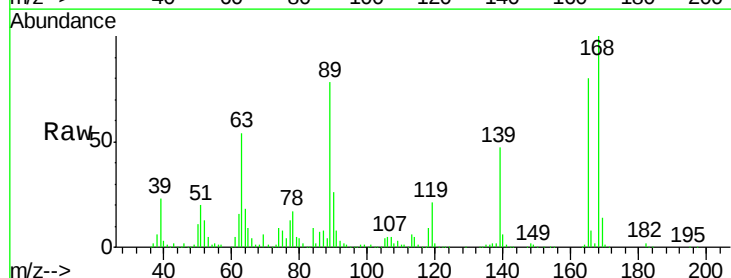
Ion Ratio Lower Upper

165 100

63 67.5 40.2 60.4#

89 96.5 62.5 93.7#

182 2.0 1.8 2.8

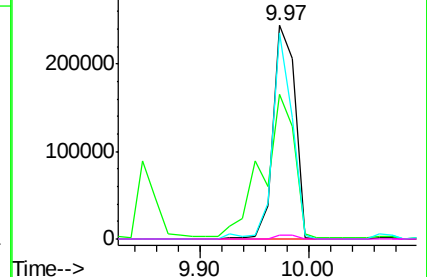
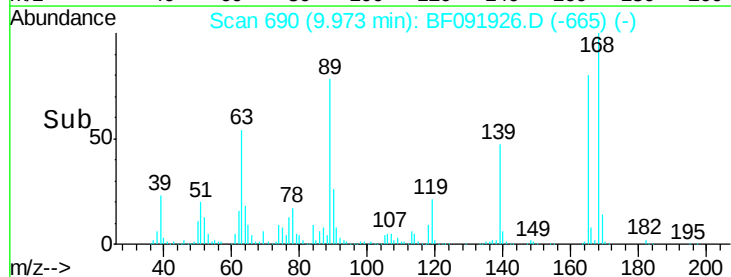


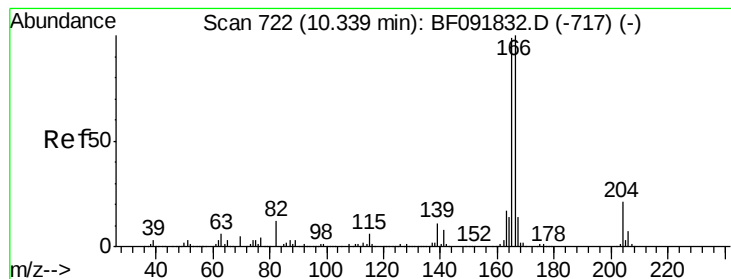
Abundance Ion 165.00 (164.70 to 165.70): E

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: 47.24 ng

RT: 10.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

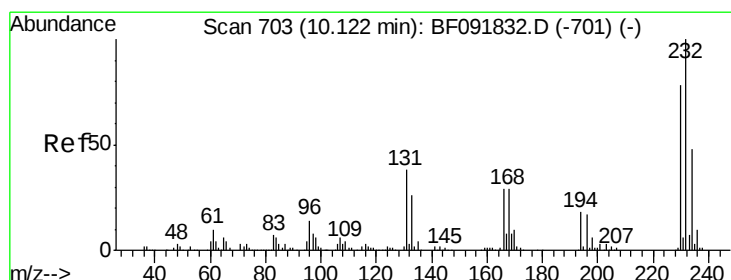
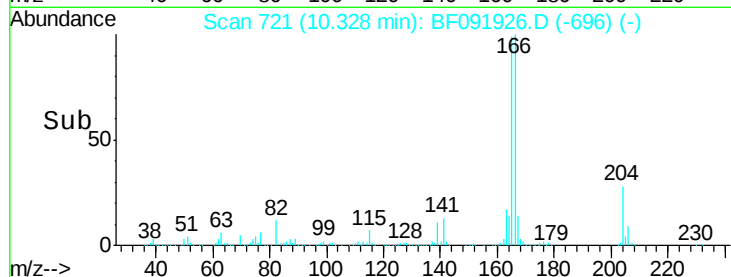
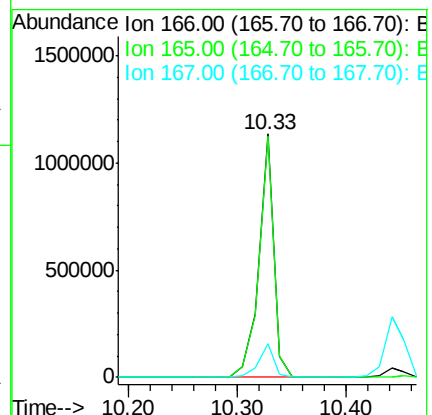
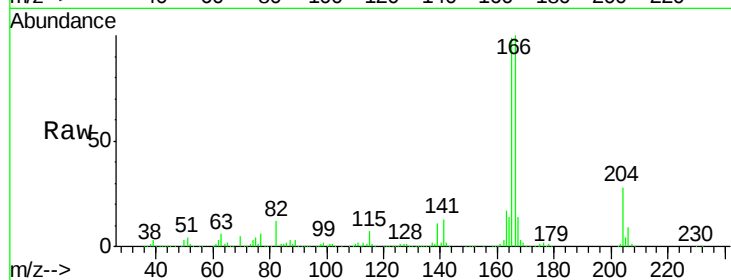
Tgt Ion:166 Resp: 1084086

Ion Ratio Lower Upper

166 100

165 99.2 77.8 116.8

167 13.9 10.8 16.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 44.73 ng

RT: 10.12 min Scan# 703

Delta R.T. -0.00 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Tgt Ion:232 Resp: 265743

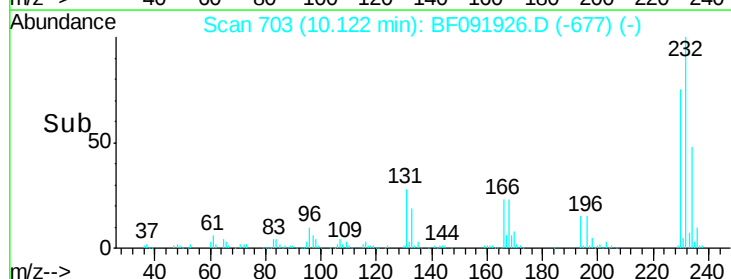
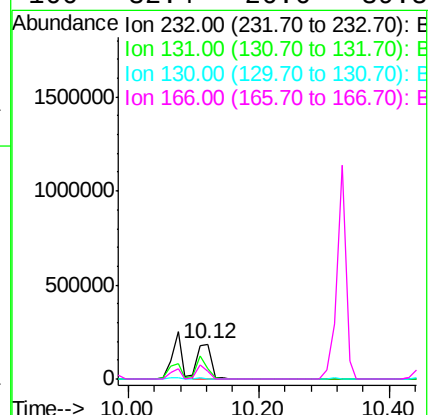
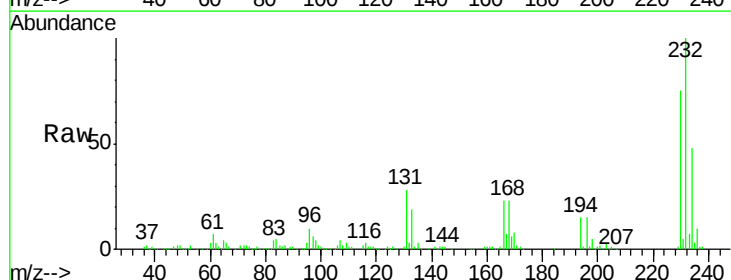
Ion Ratio Lower Upper

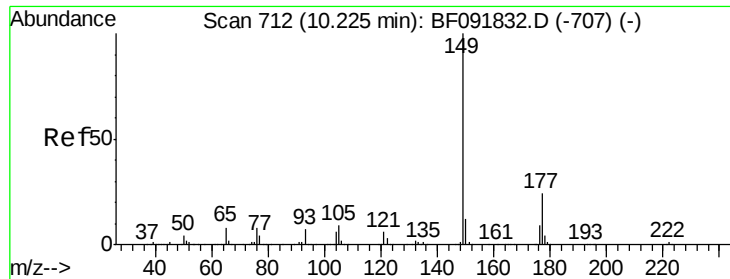
232 100

131 50.7 40.1 60.1

130 2.4 1.8 2.8

166 32.4 26.6 39.8

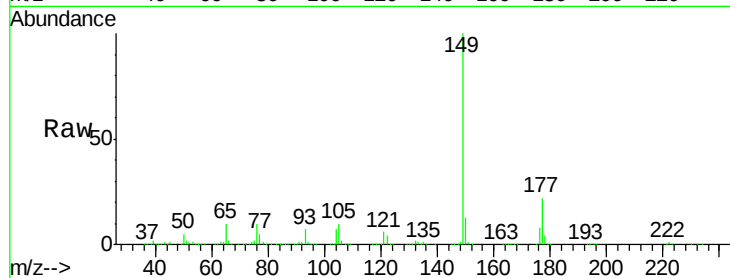




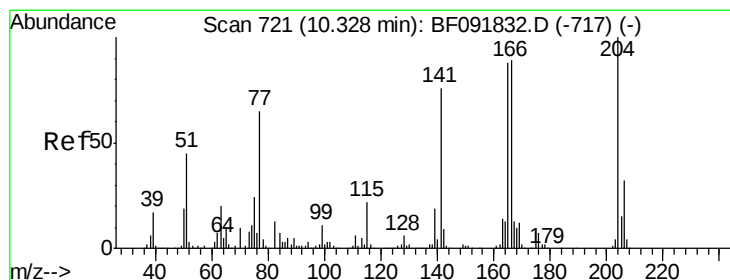
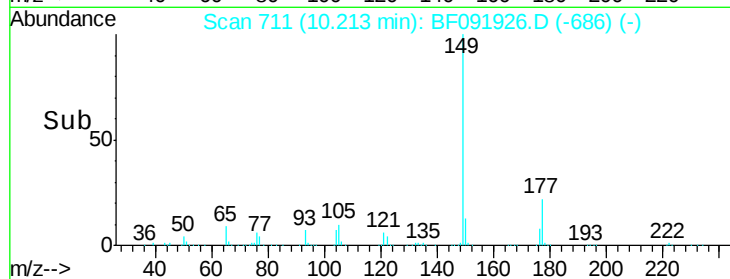
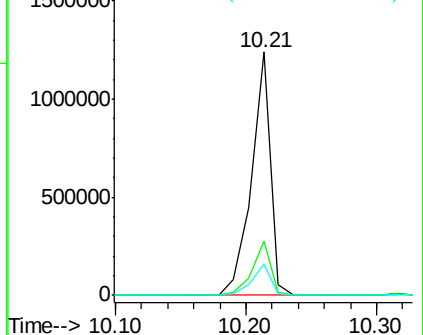
#59
Diethylphthalate
Concen: 48.82 ng
RT: 10.21 min Scan# 711
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Instrument :
BNA_F
ClientSampleId :
WC-201612MS

Tgt Ion:149 Resp: 1252738
Ion Ratio Lower Upper
149 100
177 22.4 16.6 25.0
150 12.6 10.4 15.6

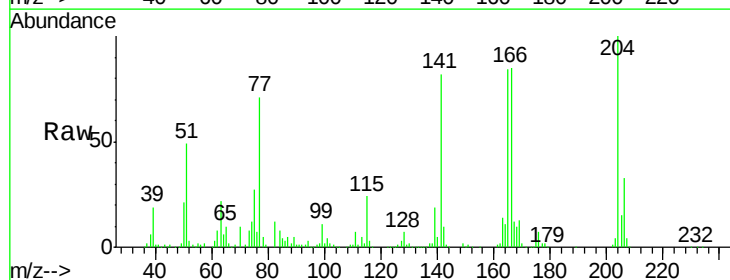


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

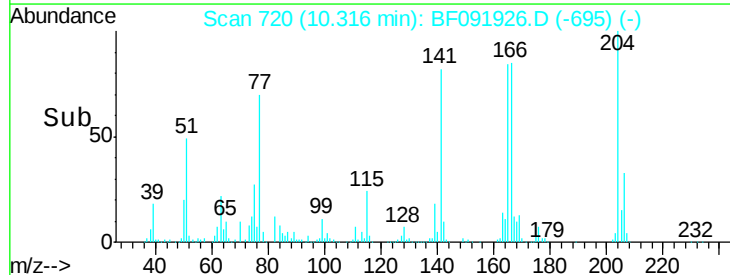
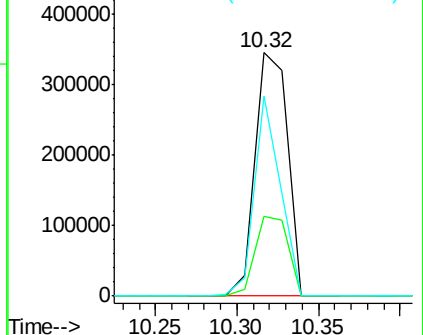


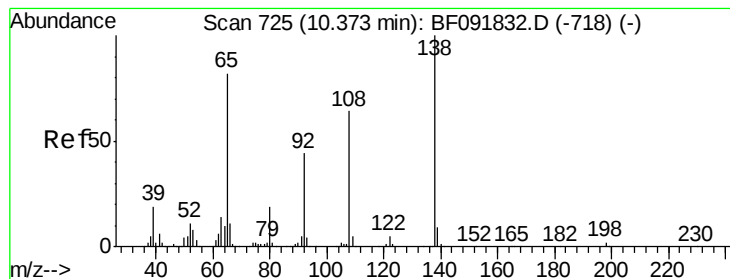
#60
4-Chlorophenyl-phenylether
Concen: 47.58 ng
RT: 10.32 min Scan# 720
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Tgt Ion:204 Resp: 478121
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 82.2 59.4 89.0



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





#61

4-Nitroaniline

Concen: 32.92 ng

RT: 10.36 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

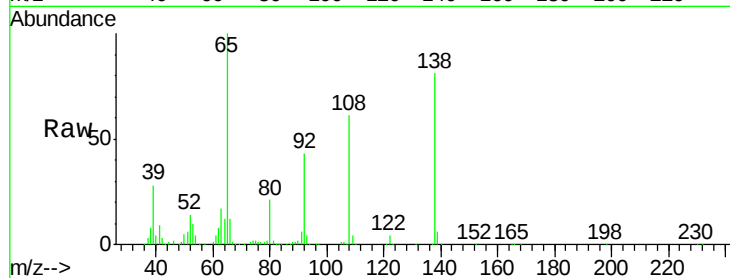
Tgt Ion:138 Resp: 244158

Ion Ratio Lower Upper

138 100

92 53.8 31.7 71.7

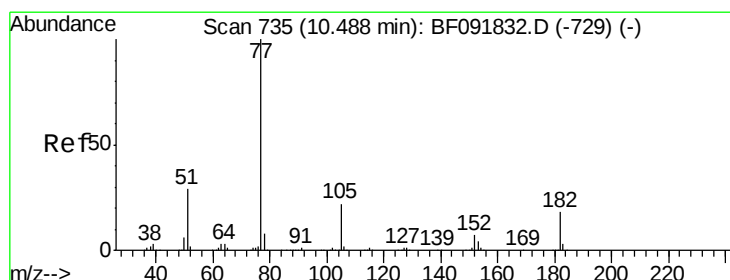
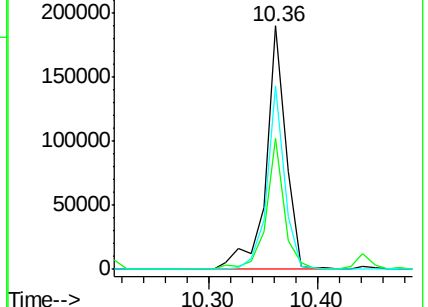
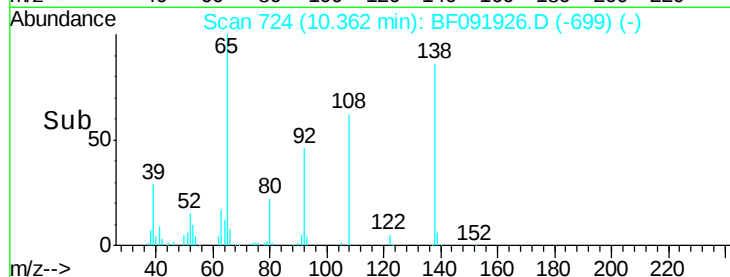
108 75.6 52.6 92.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E



#62

Azobenzene

Concen: 46.81 ng

RT: 10.48 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Tgt Ion: 77 Resp: 1322417

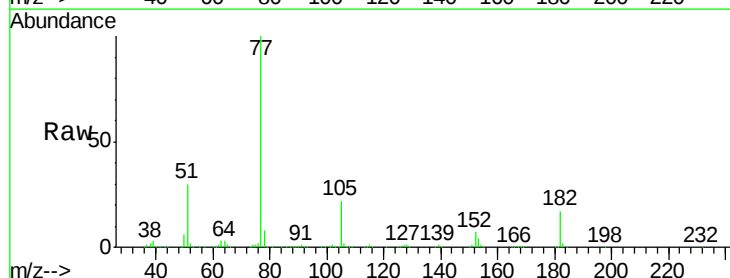
Ion Ratio Lower Upper

77 100

182 17.3 0.0 39.3

105 21.5 2.3 42.3

51 29.7 8.9 48.9

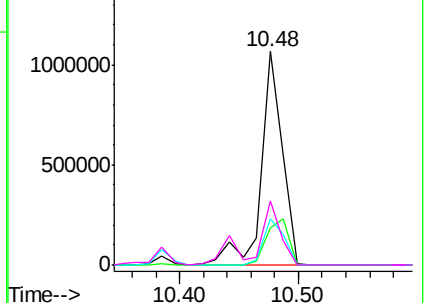
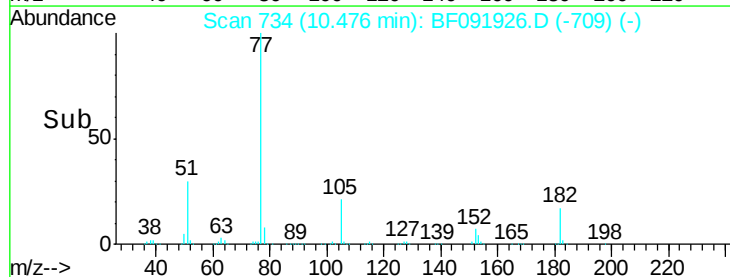


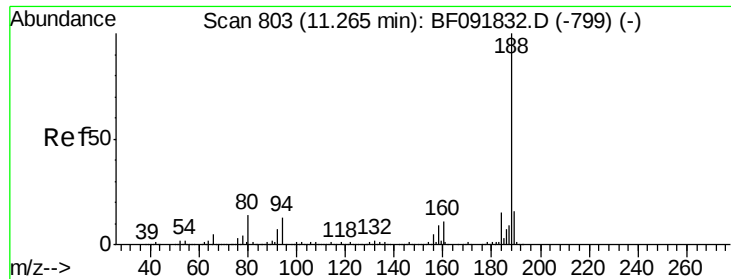
Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0

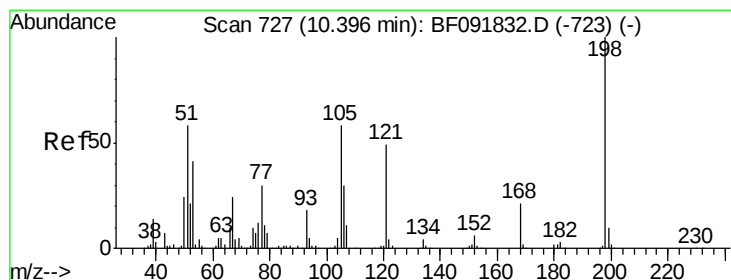
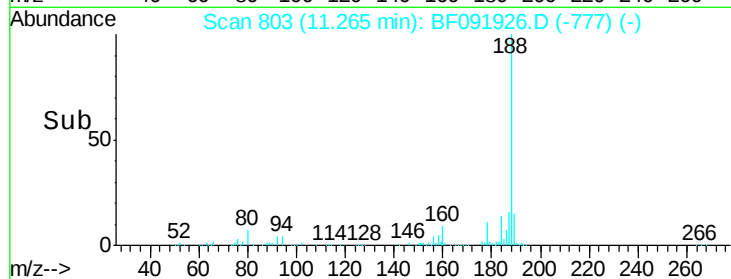
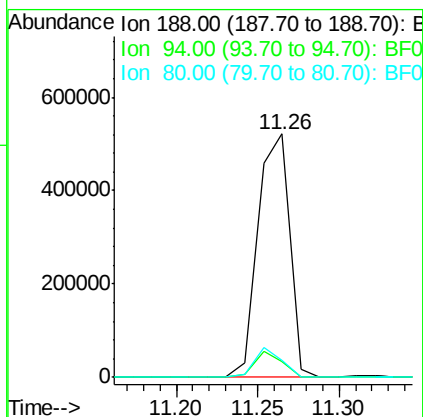
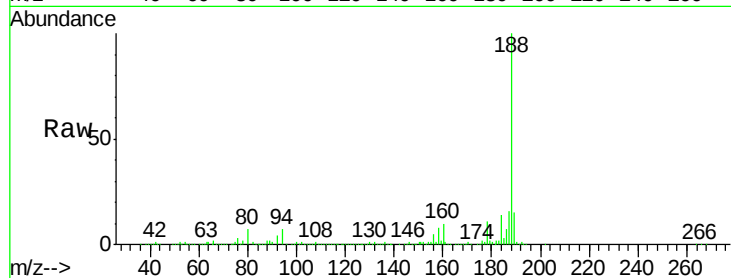




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.26 min Scan# 803
Delta R.T. -0.00 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

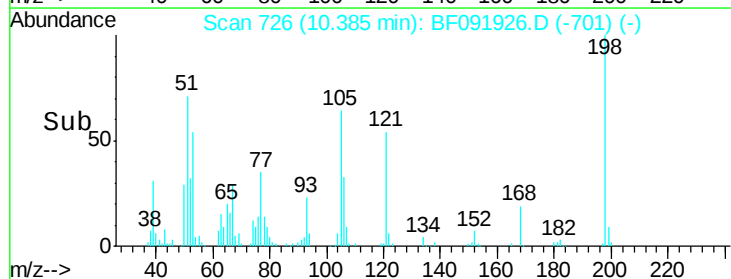
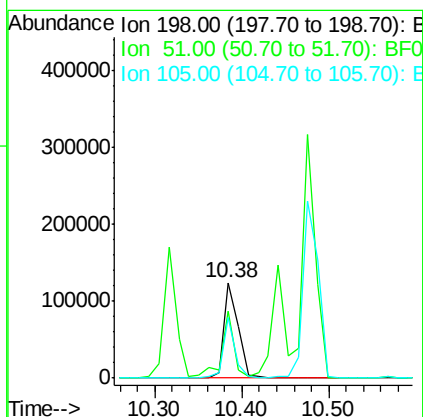
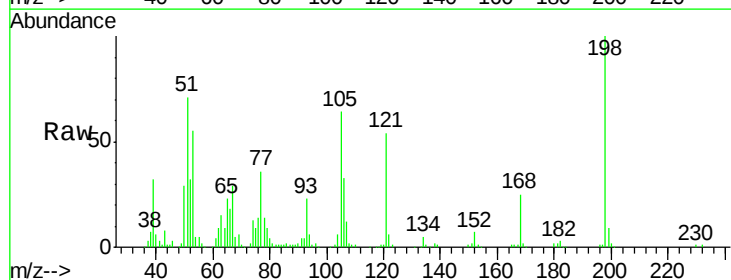
Instrument :
BNA_F
ClientSampleId :
WC-201612MS

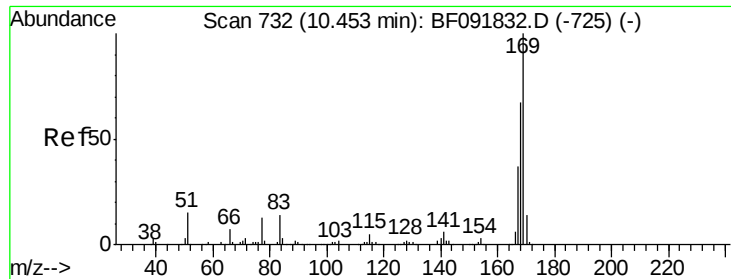
Tgt Ion:188 Resp: 709790
Ion Ratio Lower Upper
188 100
94 6.7 10.0 15.0#
80 7.0 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 33.62 ng
RT: 10.38 min Scan# 726
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Tgt Ion:198 Resp: 144294
Ion Ratio Lower Upper
198 100
51 70.5 6.7 46.7#
105 63.7 16.6 56.6#





#65

n-Nitrosodiphenylamine

Concen: 45.72 ng

RT: 10.44 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

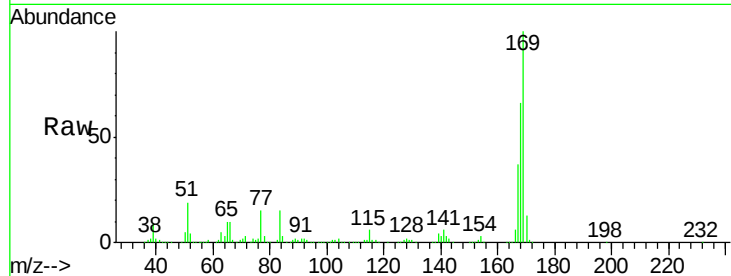
Tgt Ion:169 Resp: 963048

Ion Ratio Lower Upper

169 100

168 66.1 54.2 81.2

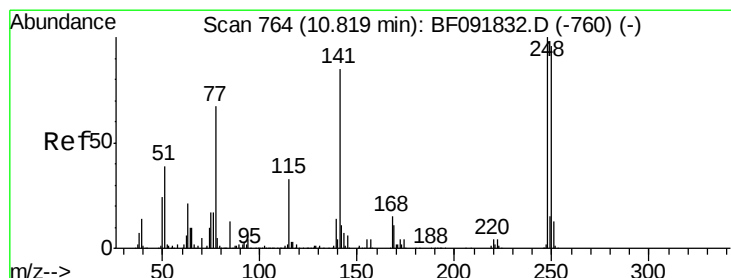
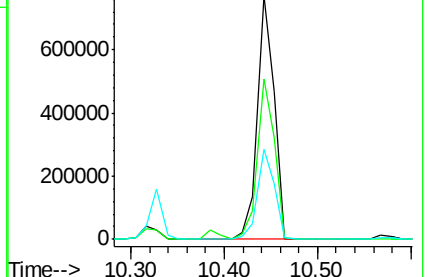
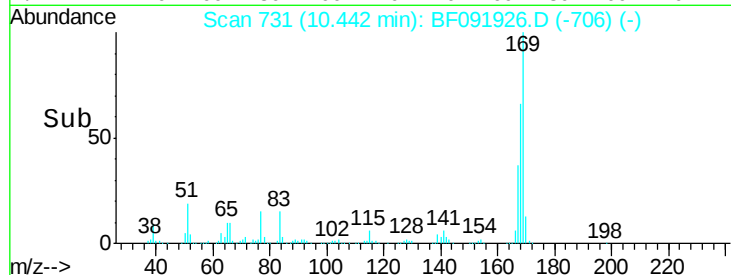
167 36.8 30.2 45.4



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 43.11 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

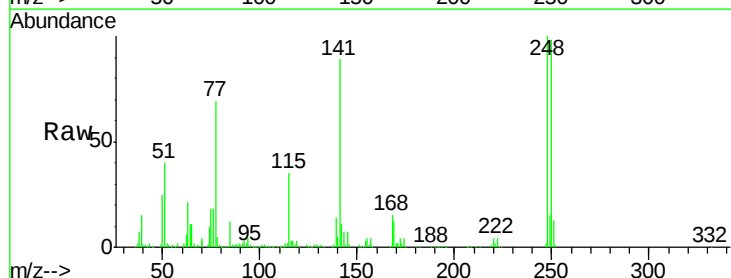
Tgt Ion:248 Resp: 318311

Ion Ratio Lower Upper

248 100

250 98.5 76.9 115.3

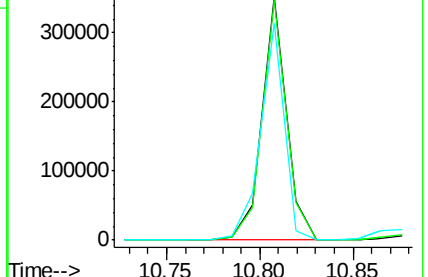
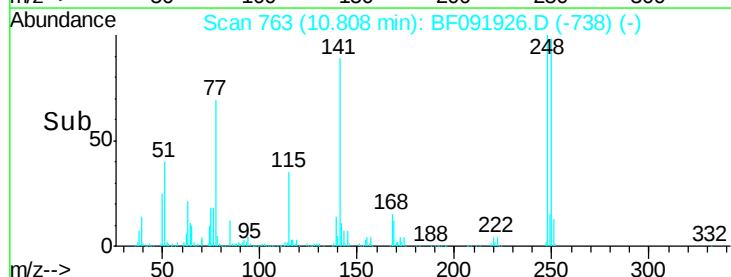
141 89.1 68.2 102.4

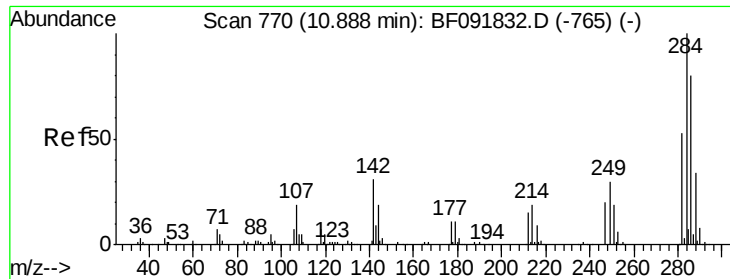


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

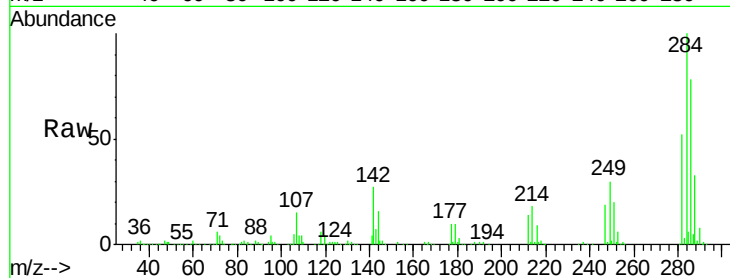




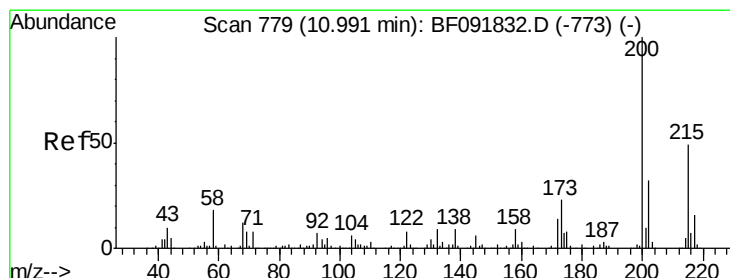
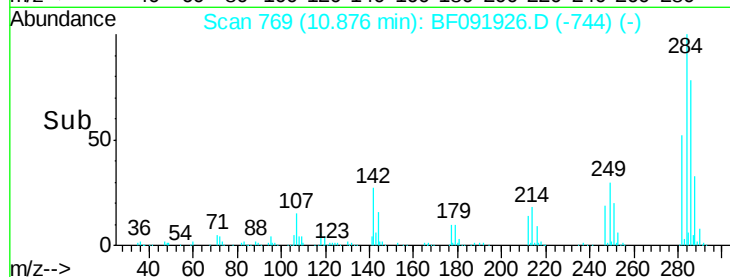
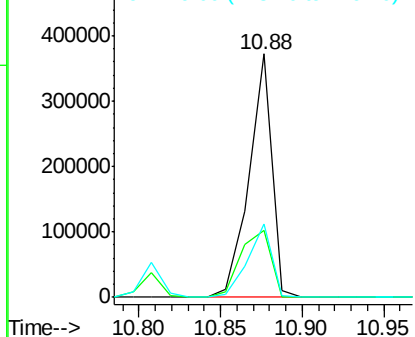
#67
Hexachlorobenzene
Concen: 45.72 ng
RT: 10.88 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Instrument :
BNA_F
ClientSampleId :
WC-201612MS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.3	22.6	33.8
249	30.4	25.4	38.0

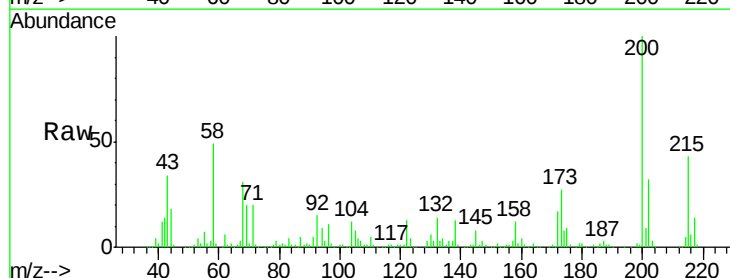


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

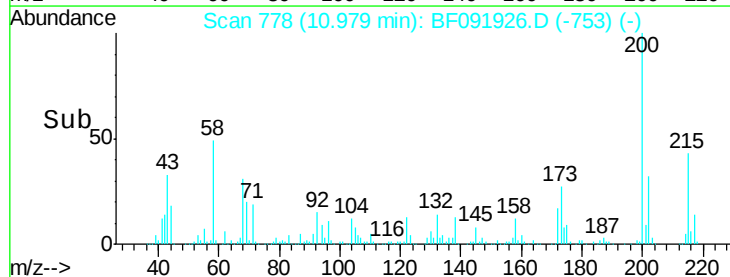
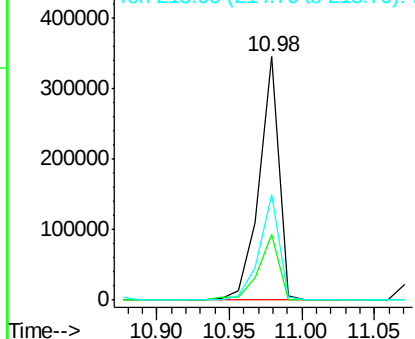


#68
Atrazine
Concen: 48.13 ng
RT: 10.98 min Scan# 778
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Tgt Ion	Ratio	Lower	Upper
200	100		
173	26.8	9.6	49.6
215	43.2	25.7	65.7



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

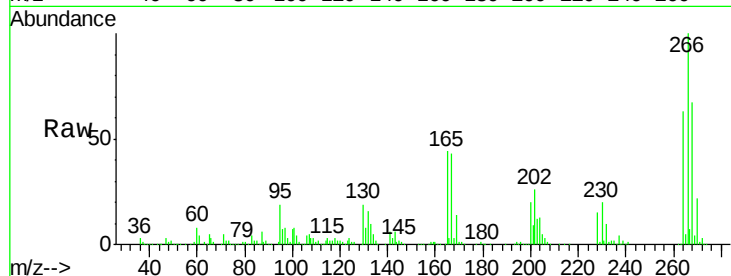




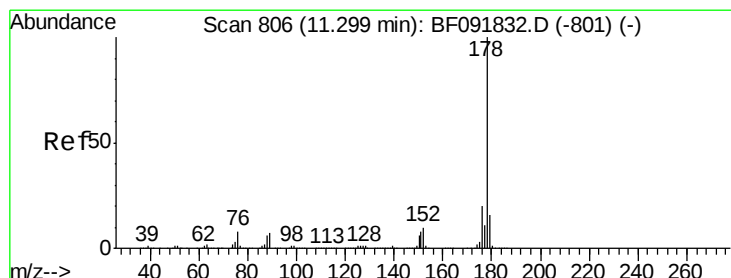
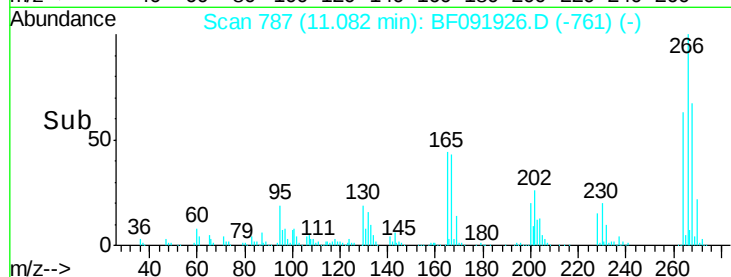
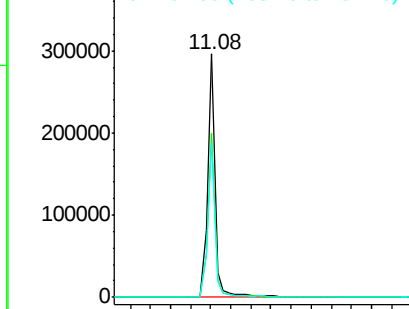
#69
 Pentachlorophenol
 Concen: 79.98 ng
 RT: 11.08 min Scan# 787
 Delta R.T. -0.00 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

Tgt Ion: 266 Resp: 309709
 Ion Ratio Lower Upper
 266 100
 268 67.2 53.3 79.9
 264 63.4 50.3 75.5

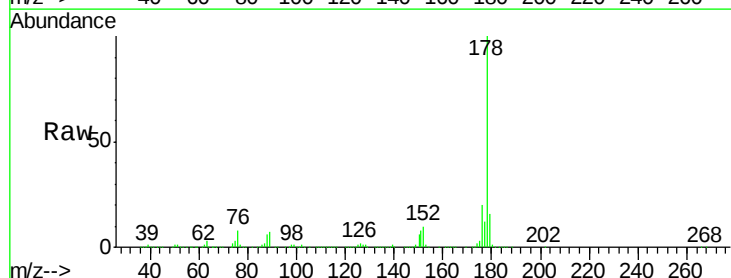


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

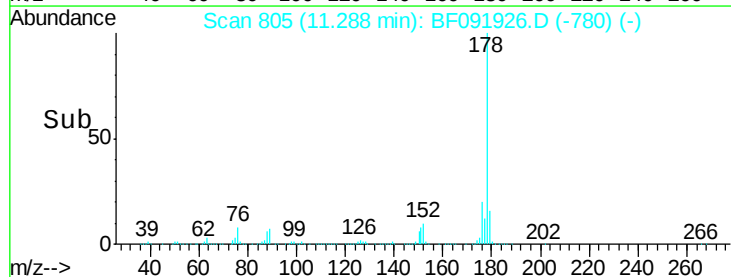
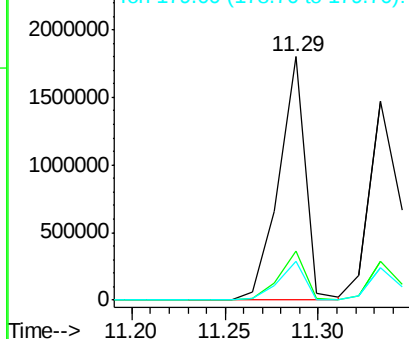


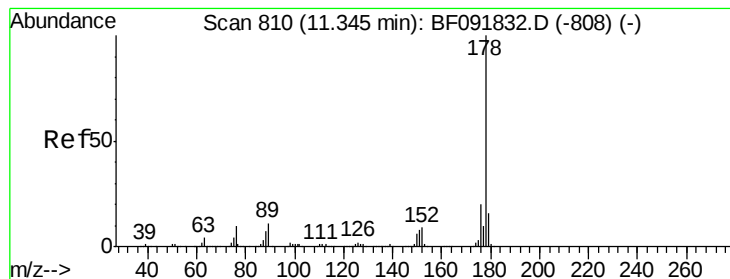
#70
 Phenanthrene
 Concen: 46.11 ng
 RT: 11.29 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Tgt Ion: 178 Resp: 1774776
 Ion Ratio Lower Upper
 178 100
 176 20.0 16.6 25.0
 179 15.9 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: 48.03 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

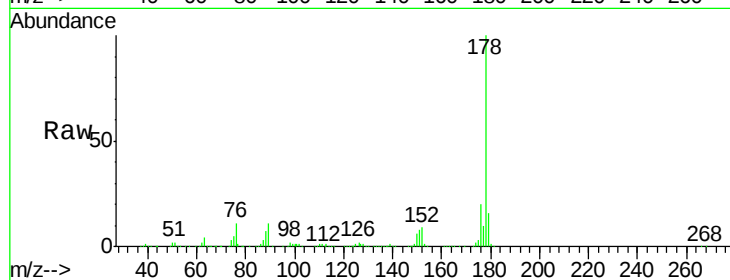
Tgt Ion:178 Resp: 1601401

Ion Ratio Lower Upper

178 100

176 19.6 15.9 23.9

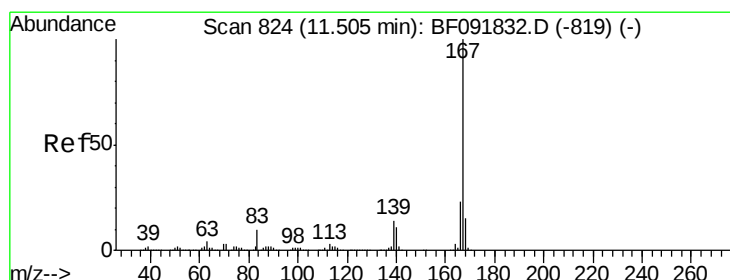
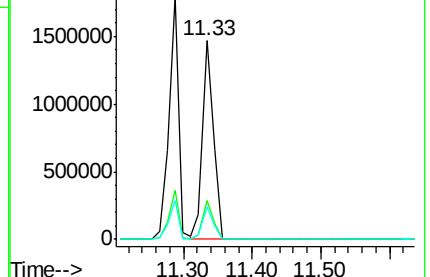
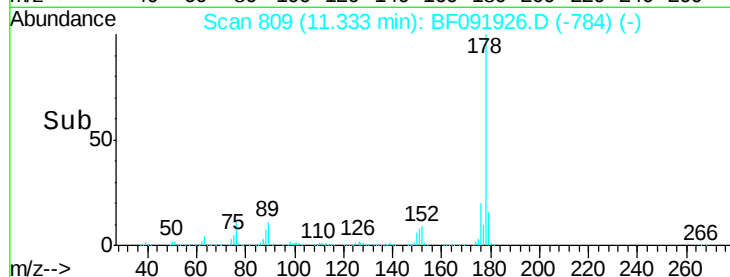
179 16.3 13.2 19.8



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: 66.02 ng

RT: 11.50 min Scan# 824

Delta R.T. -0.00 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

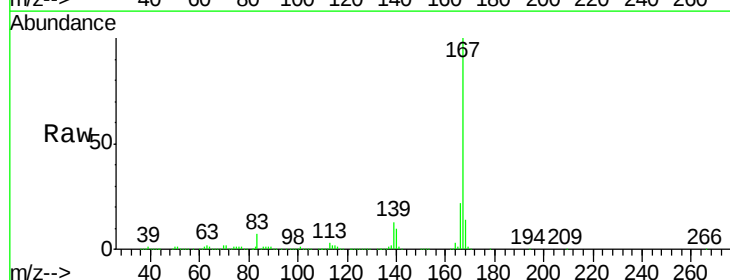
Tgt Ion:167 Resp: 1655702

Ion Ratio Lower Upper

167 100

166 22.2 18.2 27.2

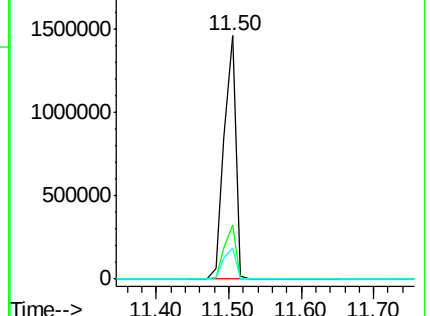
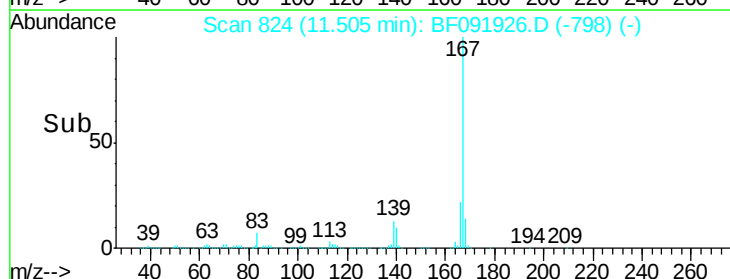
139 12.8 11.4 17.2



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

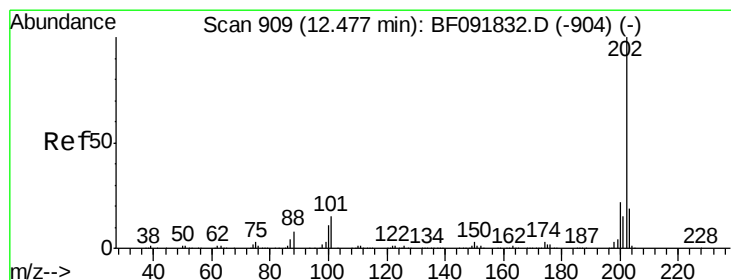
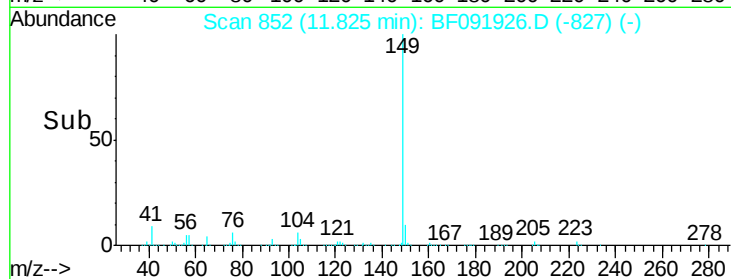
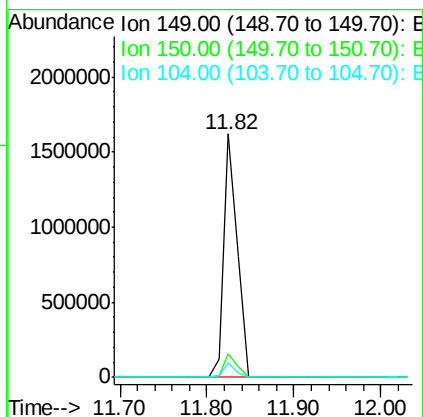
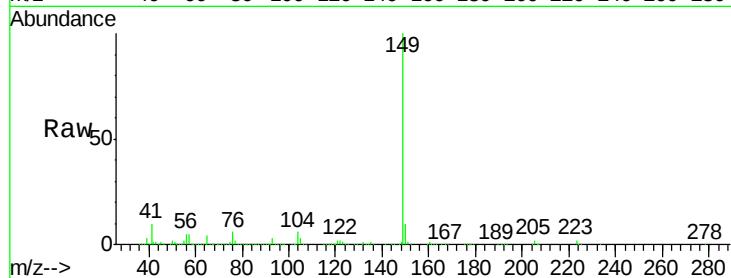




#73
Di-n-butylphthalate
Concen: 48.43 ng
RT: 11.82 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

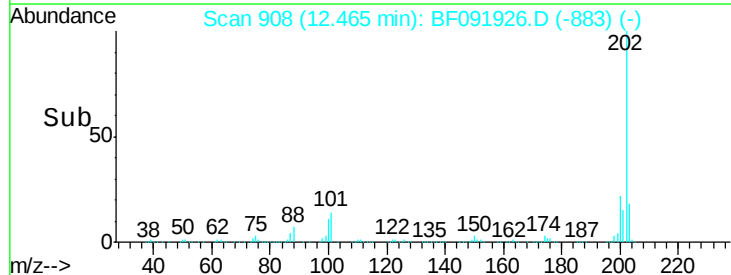
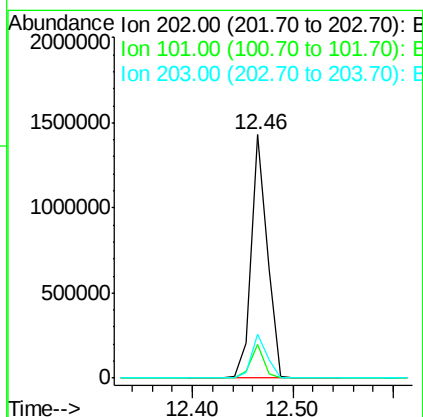
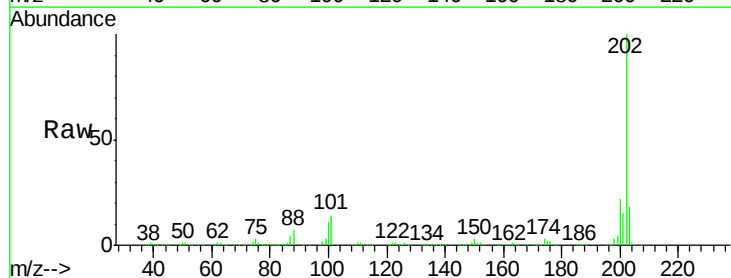
Instrument :
BNA_F
ClientSampleId :
WC-201612MS

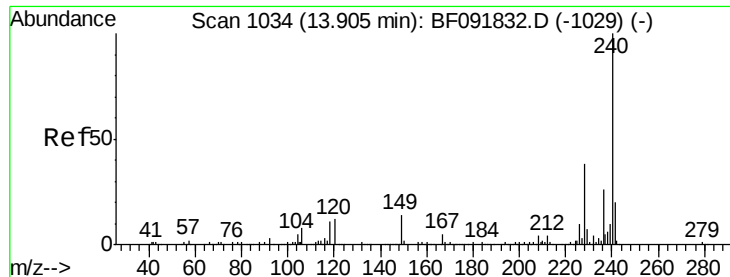
Tgt Ion:149 Resp: 1754663
Ion Ratio Lower Upper
149 100
150 9.7 8.1 12.1
104 5.8 4.6 7.0



#74
Fluoranthene
Concen: 47.04 ng
RT: 12.46 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Tgt Ion:202 Resp: 1582366
Ion Ratio Lower Upper
202 100
101 13.9 0.0 34.6
203 18.3 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.89 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

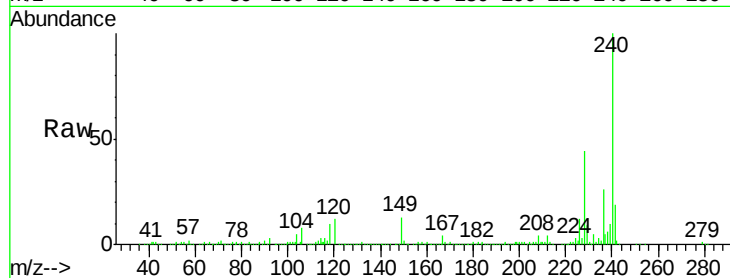
Tgt Ion:240 Resp: 535401

Ion Ratio Lower Upper

240 100

120 11.6 12.9 19.3#

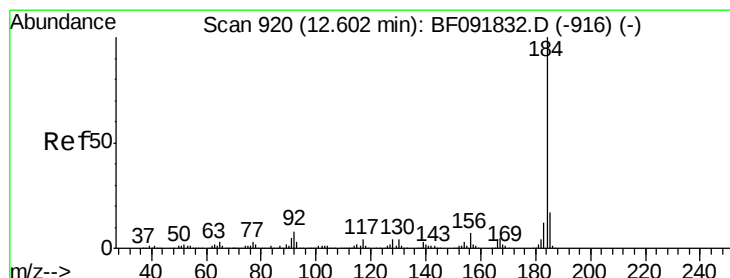
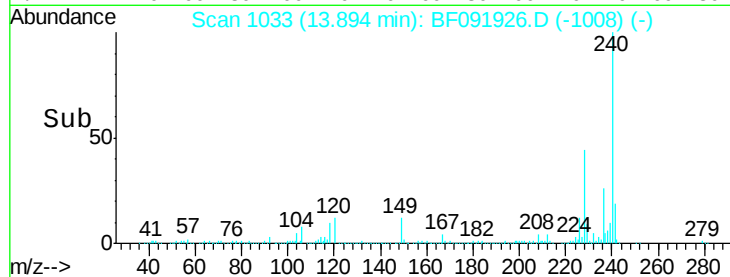
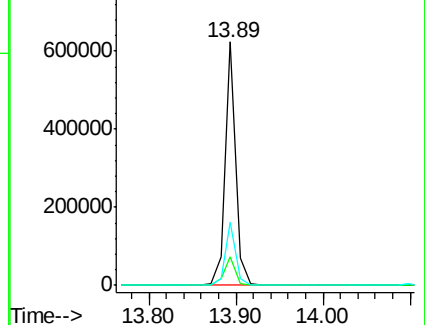
236 25.9 20.9 31.3



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: 53.78 ng

RT: 12.60 min Scan# 920

Delta R.T. 0.00 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

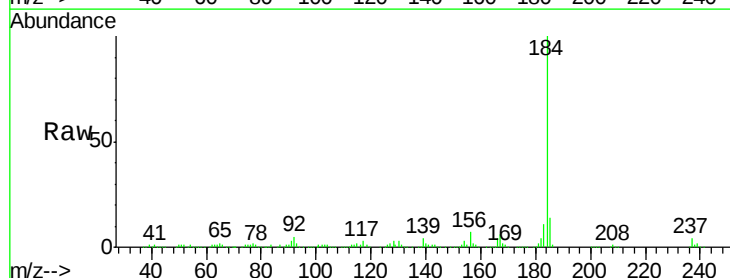
Tgt Ion:184 Resp: 701292

Ion Ratio Lower Upper

184 100

185 14.0 13.4 20.0

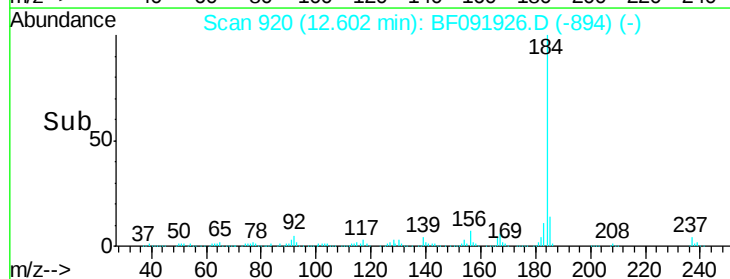
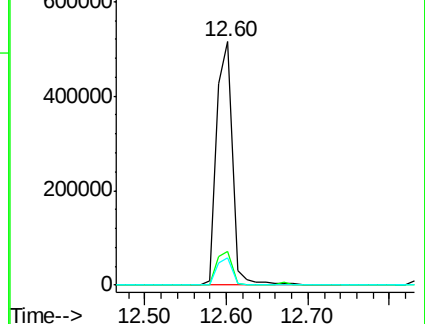
183 11.4 9.2 13.8

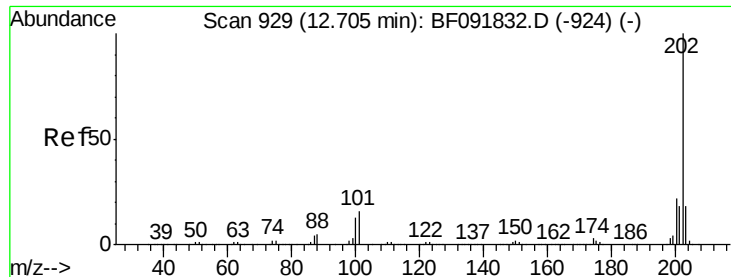


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

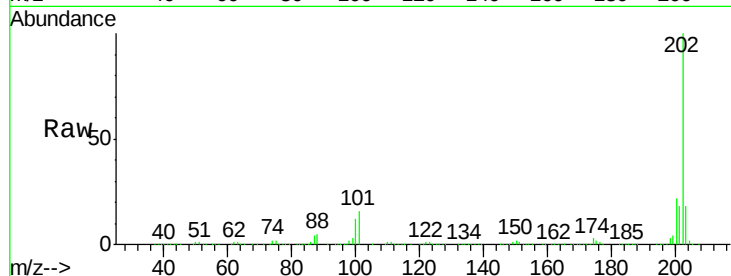




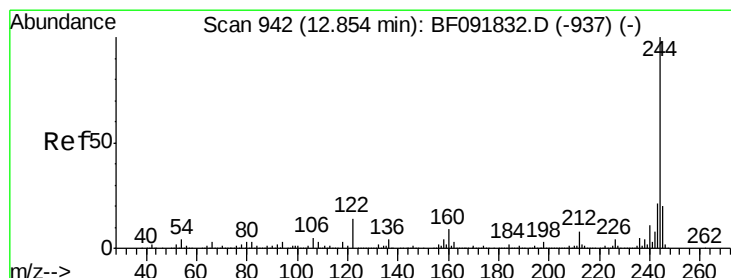
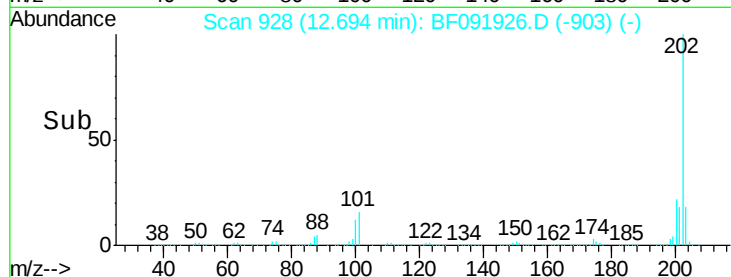
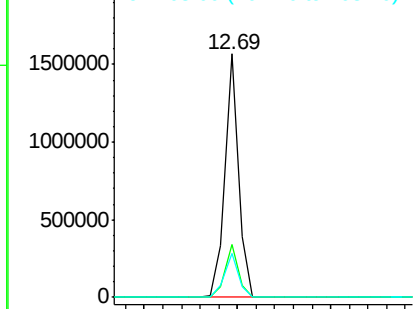
#77
 Pyrene
 Concen: 40.39 ng
 RT: 12.69 min Scan# 928
 Delta R.T. -0.01 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

Tgt Ion: 202 Resp: 1586447
 Ion Ratio Lower Upper
 202 100
 200 21.8 17.7 26.5
 203 18.3 14.7 22.1

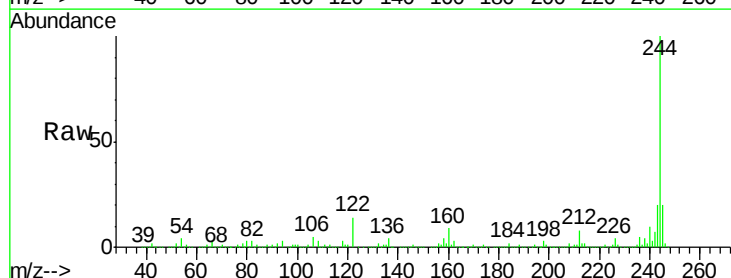


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

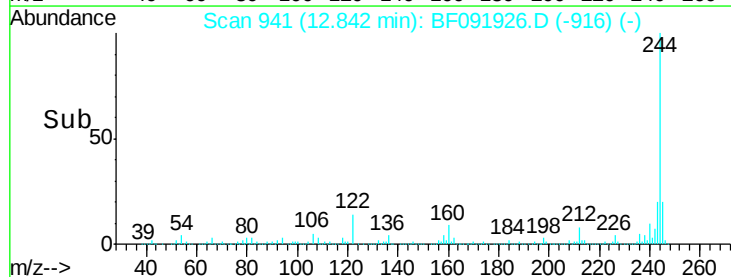
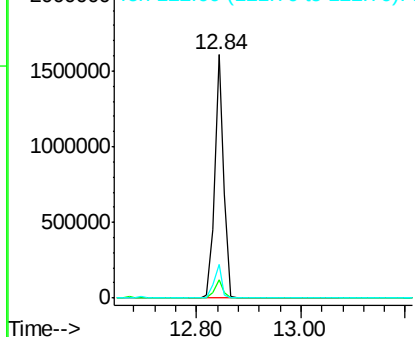


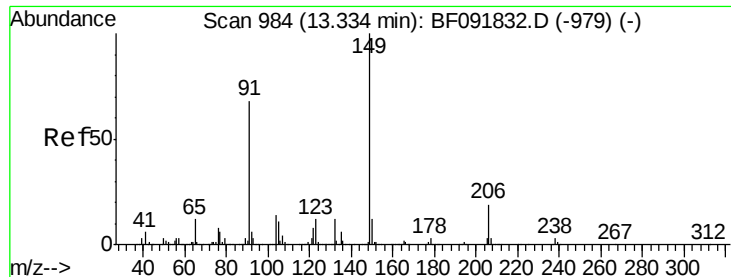
#78
 Terphenyl-d14
 Concen: 86.57 ng
 RT: 12.84 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Tgt Ion: 244 Resp: 1911162
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 13.8 11.4 17.2



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

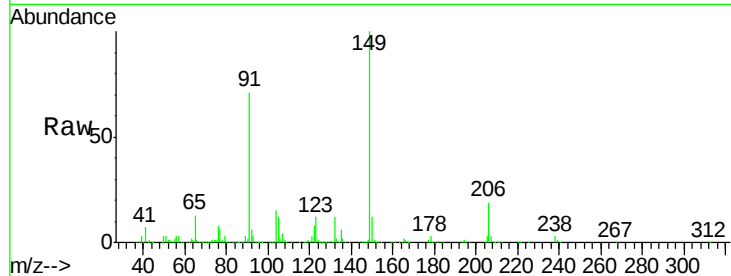




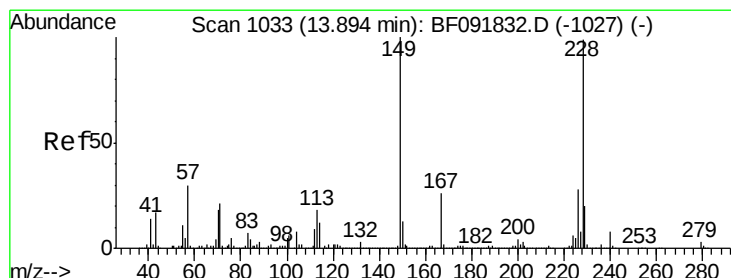
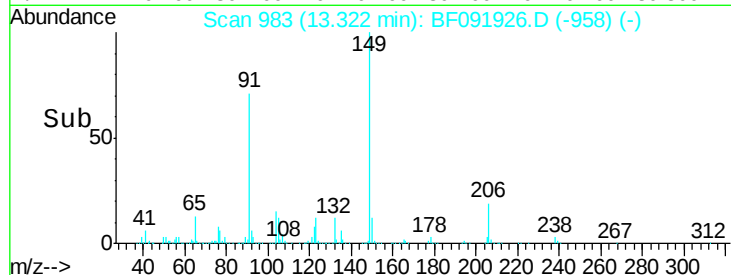
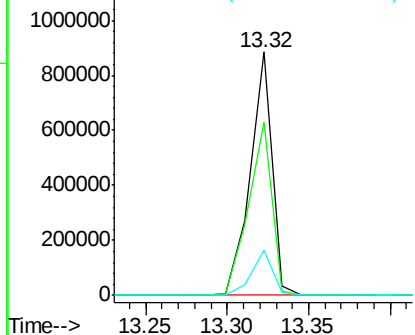
#79
Butylbenzylphthalate
Concen: 46.03 ng
RT: 13.32 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Instrument :
BNA_F
ClientSampleId :
WC-201612MS

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.3	63.9	95.9
206	18.8	14.6	21.8

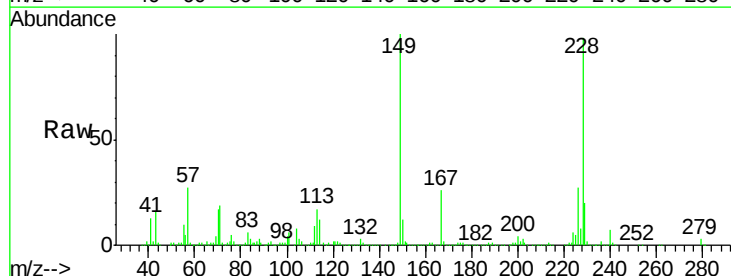


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

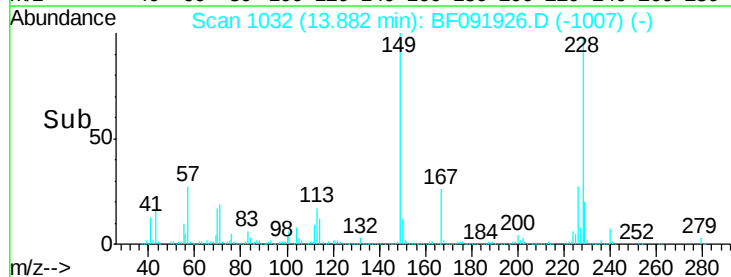
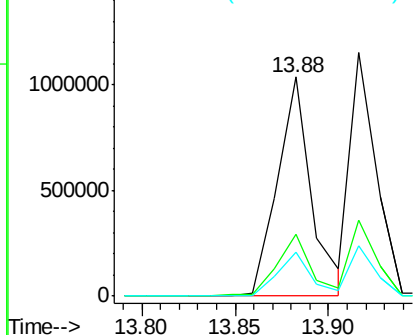


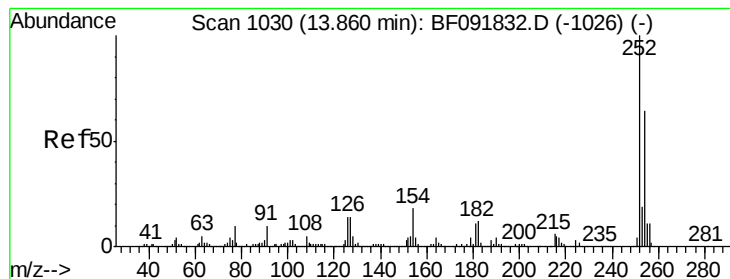
#80
Benzo(a)anthracene
Concen: 43.67 ng
RT: 13.88 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.4	33.6
229	20.1	16.2	24.4



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#81

3,3'-Dichlorobenzidine

Concen: 27.10 ng

RT: 13.85 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

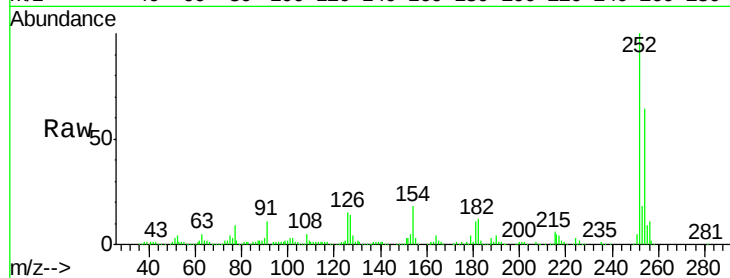
Tgt Ion:252 Resp: 310550

Ion Ratio Lower Upper

252 100

254 64.0 52.3 78.5

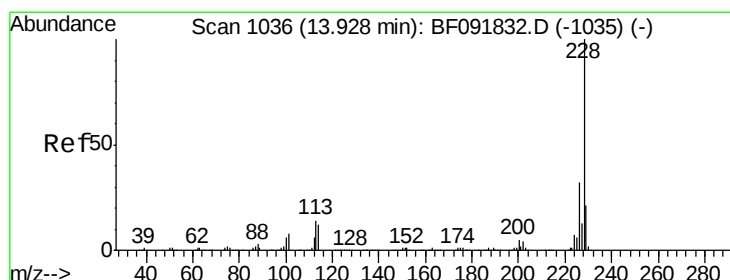
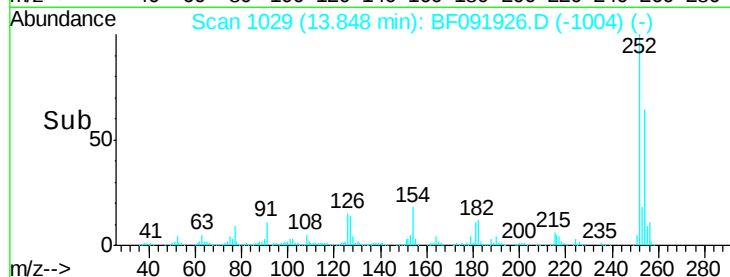
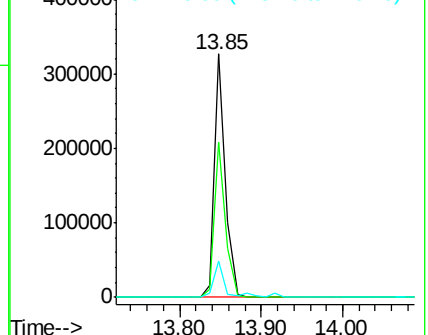
126 14.8 13.6 20.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



#82

Chrysene

Concen: 37.44 ng

RT: 13.92 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

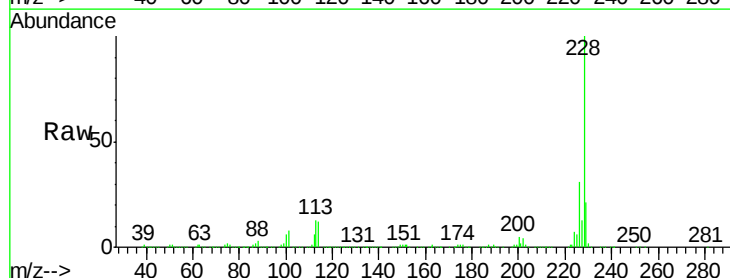
Tgt Ion:228 Resp: 1134927

Ion Ratio Lower Upper

228 100

226 31.2 25.4 38.0

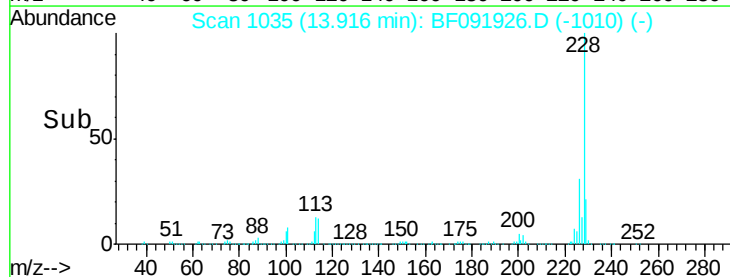
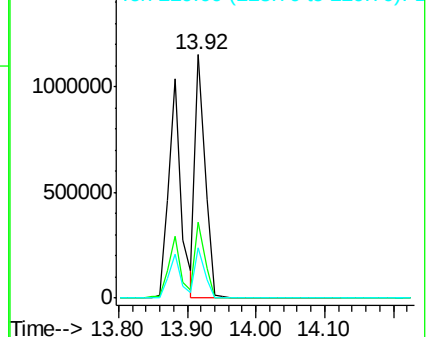
229 20.7 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

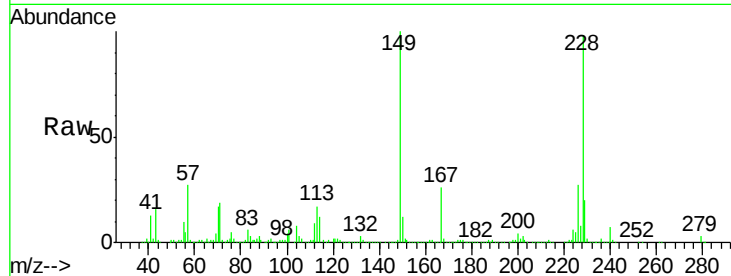




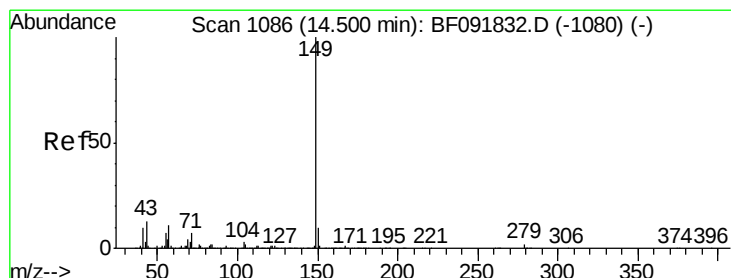
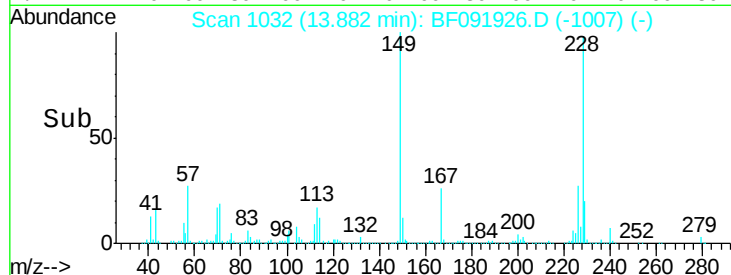
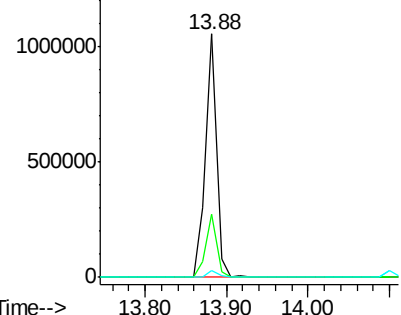
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 47.52 ng
 RT: 13.88 min Scan# 1032
 Delta R.T. -0.01 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

Tgt Ion:149 Resp: 999918
 Ion Ratio Lower Upper
 149 100
 167 25.8 20.2 30.4
 279 3.0 1.8 2.8#

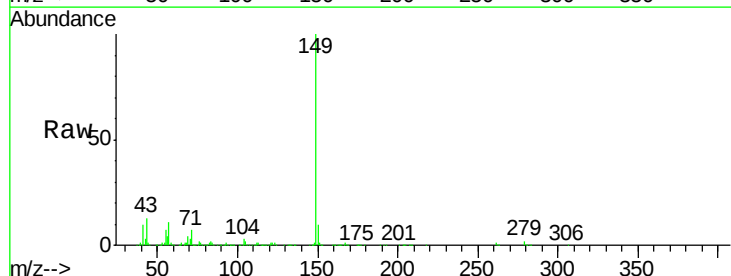


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

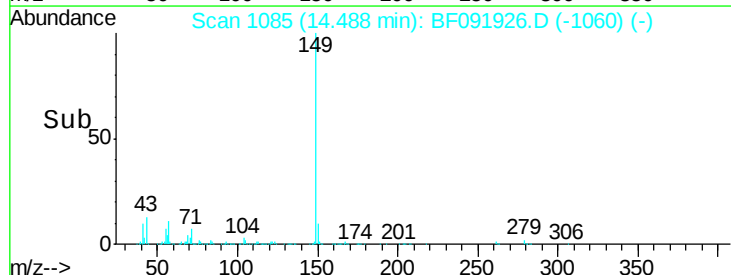
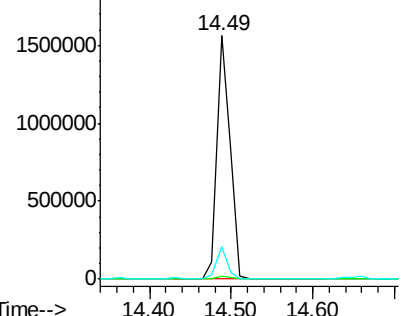


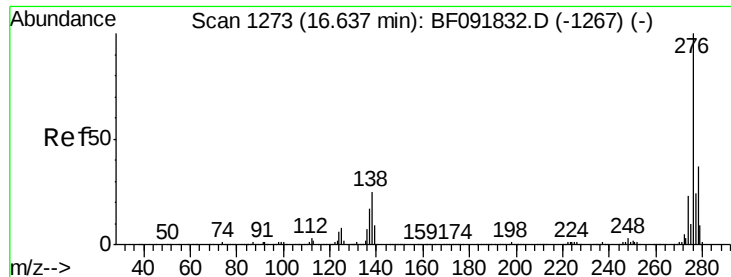
#84
 Di-n-octyl phthalate
 Concen: 44.45 ng
 RT: 14.49 min Scan# 1085
 Delta R.T. -0.01 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Tgt Ion:149 Resp: 1732666
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.9 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

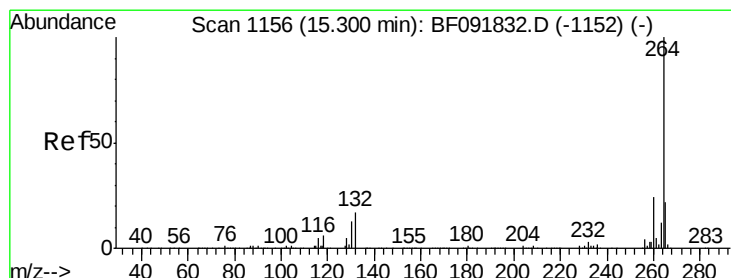
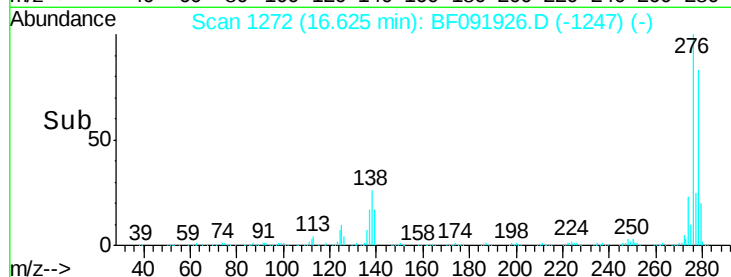
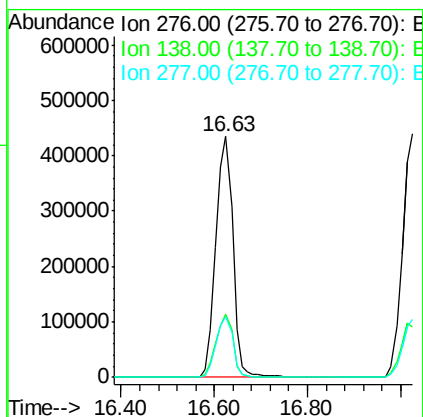
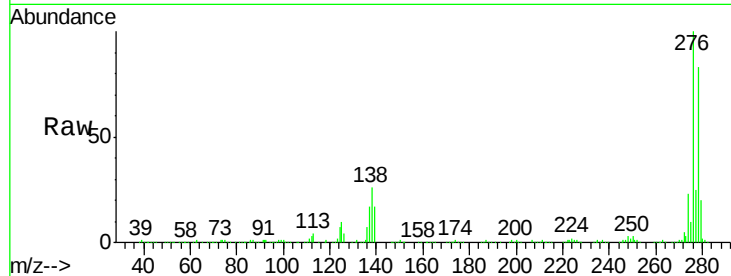




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 42.05 ng
 RT: 16.63 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

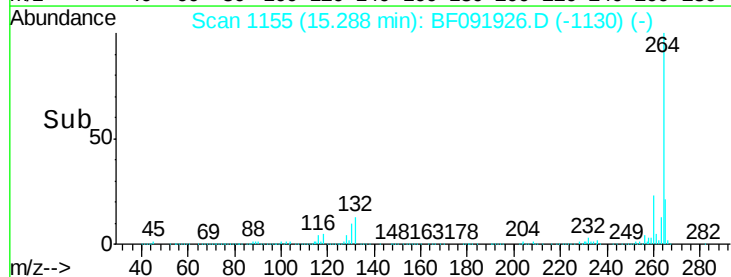
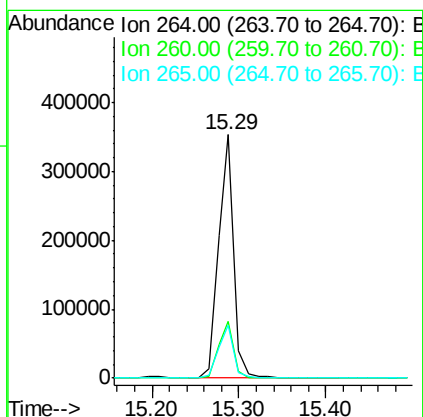
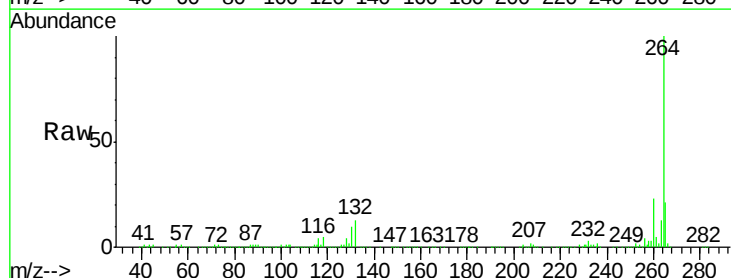
Instrument :
 BNA_F
 ClientSampleId :
 WC-201612MS

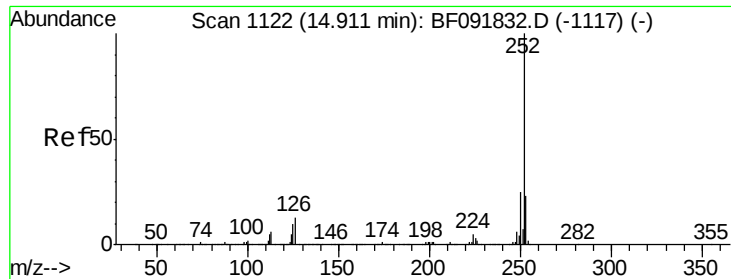
Tgt Ion:276 Resp: 1104444
 Ion Ratio Lower Upper
 276 100
 138 26.4 21.8 32.6
 277 24.7 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.29 min Scan# 1155
 Delta R.T. -0.01 min
 Lab File: BF091926.D
 Acq: 23 Dec 2016 16:23

Tgt Ion:264 Resp: 431826
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.5 17.4 26.0

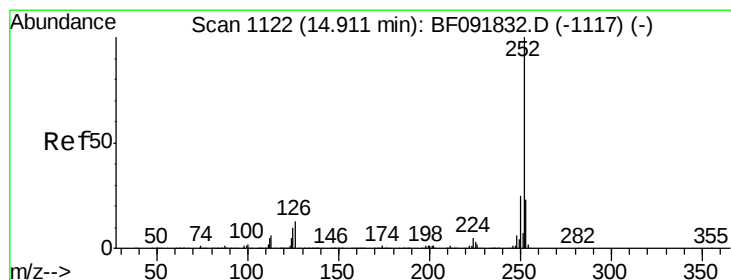
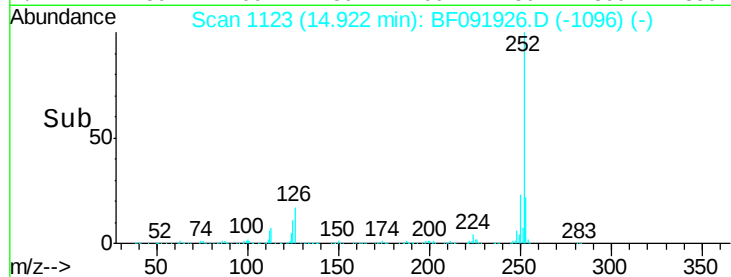
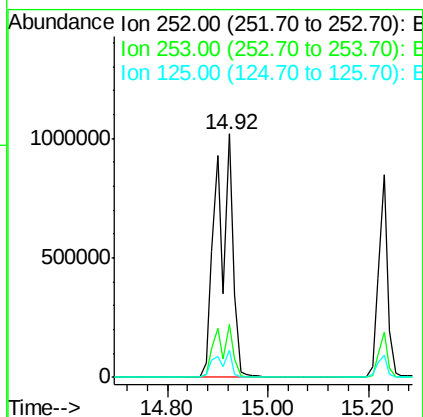
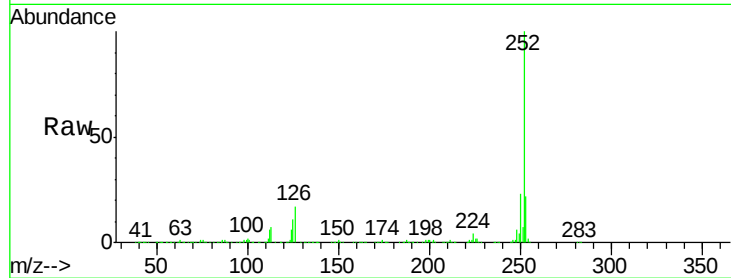




#87
Benzo(b)fluoranthene
Concen: 84.31 ng
RT: 14.92 min Scan# 1123
Delta R.T. 0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

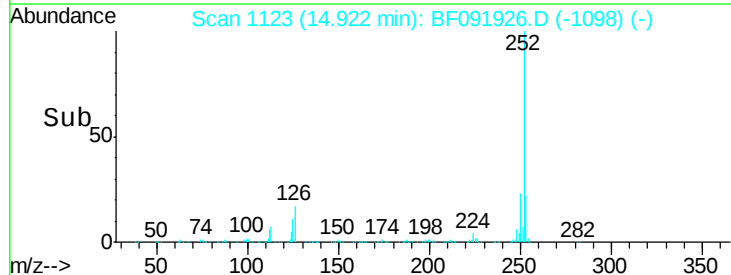
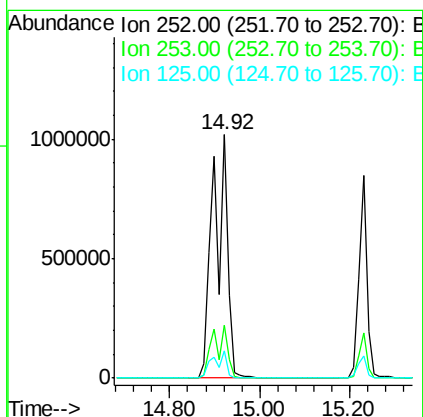
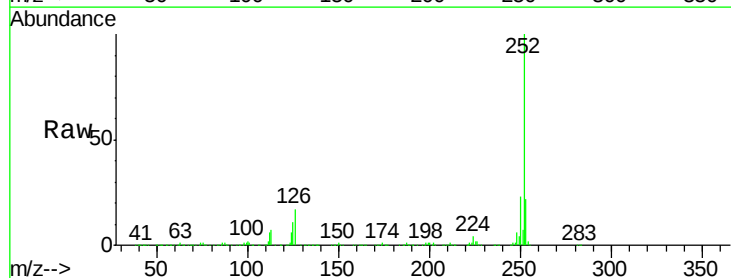
Instrument :
BNA_F
ClientSampleId :
WC-201612MS

Tgt Ion:252 Resp: 2266698
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 11.1 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 98.93 ng
RT: 14.92 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Tgt Ion:252 Resp: 2268045
Ion Ratio Lower Upper
252 100
253 22.0 18.5 27.7
125 11.1 8.9 13.3

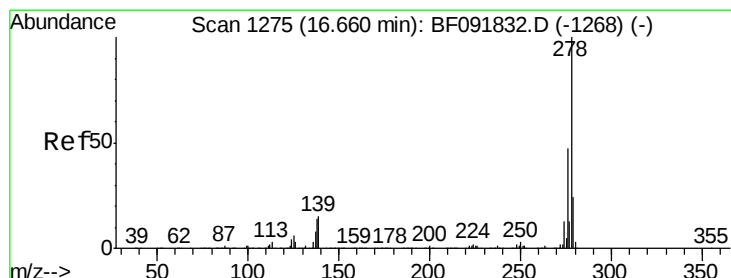
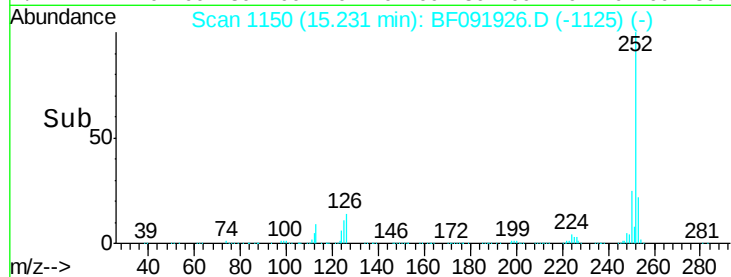
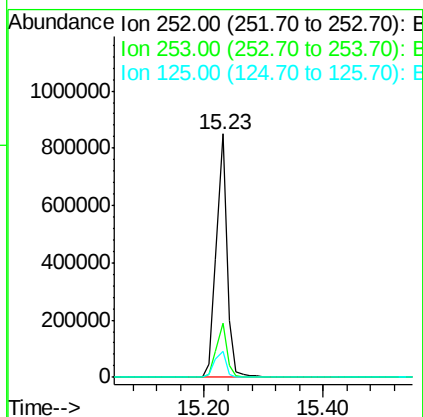
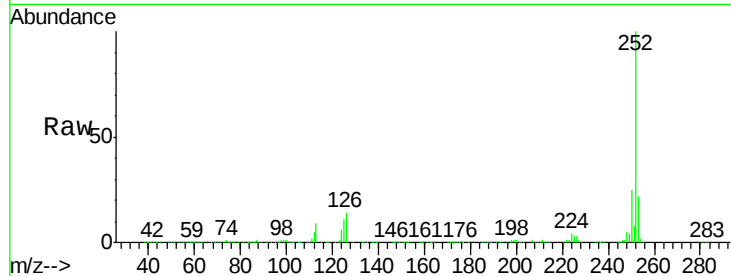




#89
Benzo(a)pyrene
Concen: 44.58 ng
RT: 15.23 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

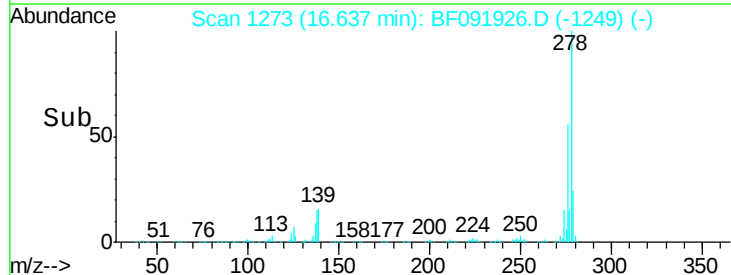
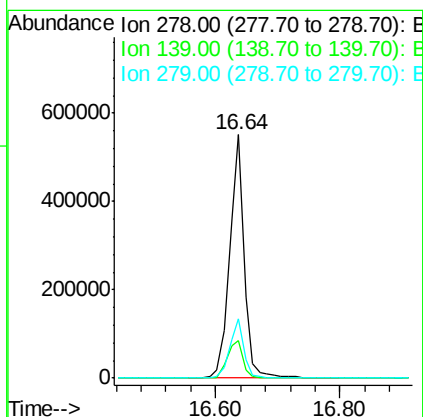
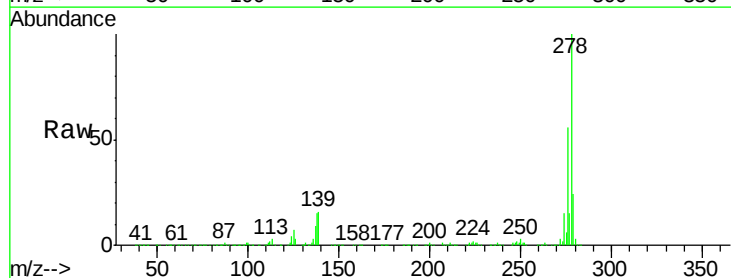
Instrument :
BNA_F
ClientSampleId :
WC-201612MS

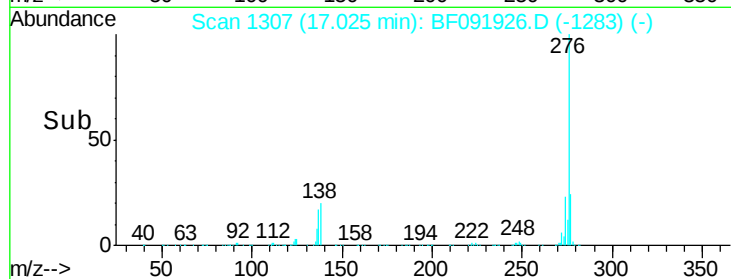
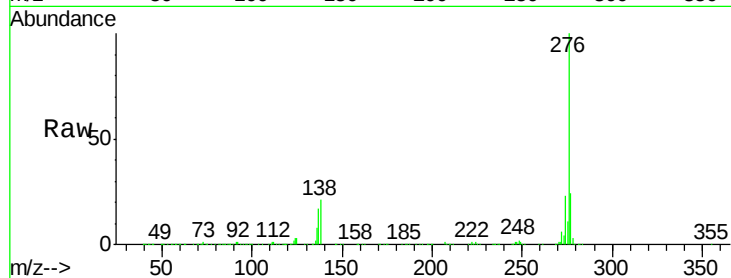
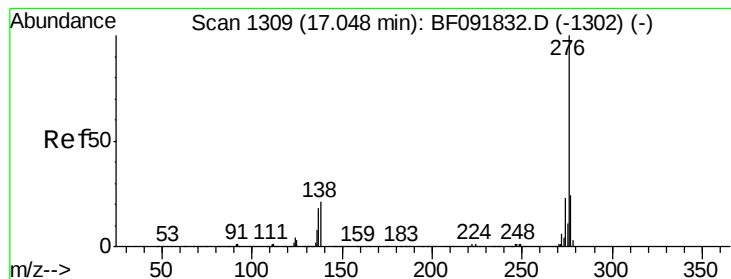
Tgt Ion:252 Resp: 1063738
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.2
125 10.9 10.0 15.0



#90
Dibenzo(a,h)anthracene
Concen: 45.87 ng
RT: 16.64 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF091926.D
Acq: 23 Dec 2016 16:23

Tgt Ion:278 Resp: 899591
Ion Ratio Lower Upper
278 100
139 15.6 14.8 22.2
279 24.1 19.8 29.6





#91

Benzo(g,h,i)perylene

Concen: 46.58 ng

RT: 17.03 min Scan# 1307

Delta R.T. -0.02 min

Lab File: BF091926.D

Acq: 23 Dec 2016 16:23

Instrument :

BNA_F

ClientSampleId :

WC-201612MS

Tgt Ion: 276 Resp: 949994

Ion Ratio Lower Upper

276 100

277 23.9 19.2 28.8

138 20.5 16.0 24.0

